

Golf

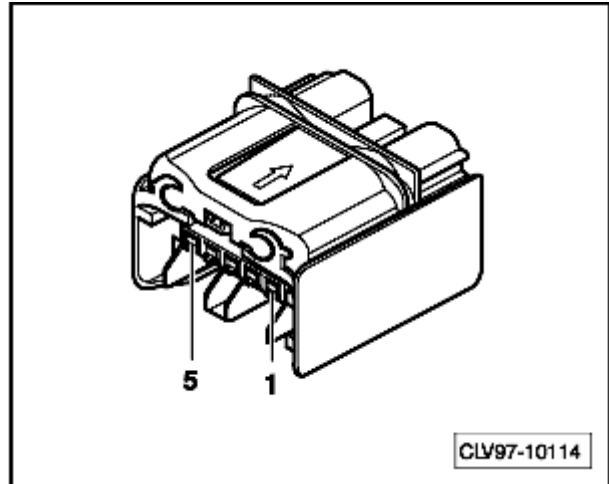
Component Locations

No. 883 / 1

Edition 09.2010

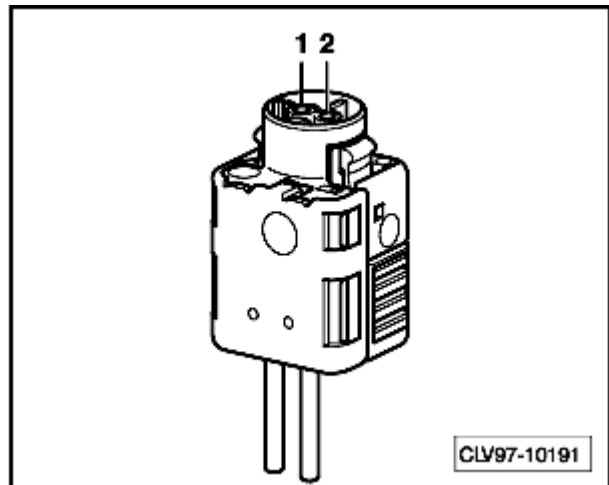
Airbag Systems: Connector Views

Front passenger airbag igniter 1 -N131- and Front passenger airbag igniter 2 - N132-



Cavity	Function	Cavity	Function
1	Signal (-), sensor 1	4	Signal (-), sensor 2
2	Signal (+), sensor 1	5	Signal (+), sensor 2
3	Ground (in harness)		

Driver head curtain airbag igniter - N251- and Front passenger head curtain airbag igniter -N252-



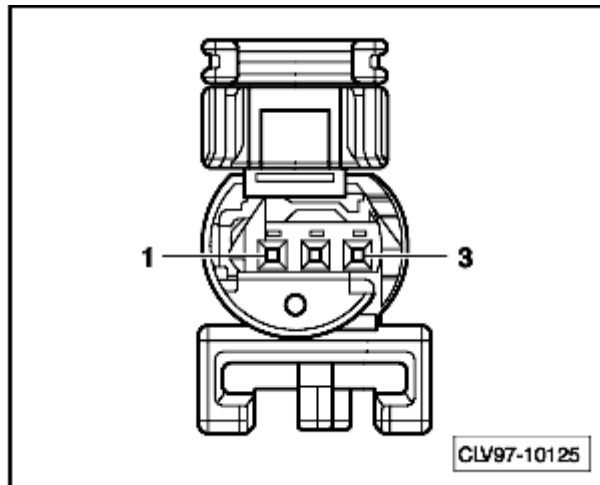
Cavity	Function
1	Signal (-), sensor
2	Signal (+), sensor

Golf

Component Locations

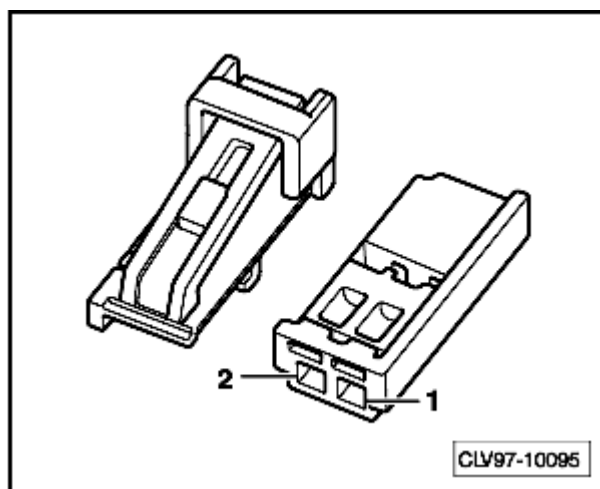
No. 883 / 2

**Left rear thorax airbag igniter -N201-
and Right rear thorax airbag igniter -
N202-**



Cavity	Function
1	Signal (-), sensor
2	Signal (+), sensor
3	Ground, sensor

**Front passenger airbag -disabled-
indicator lamp -K145-**



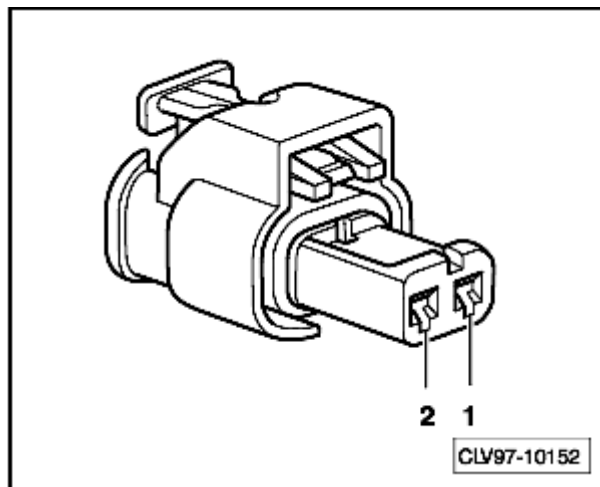
Cavity	Function
1	Power (15), sensor
2	Signal (-), sensor

Golf

Component Locations

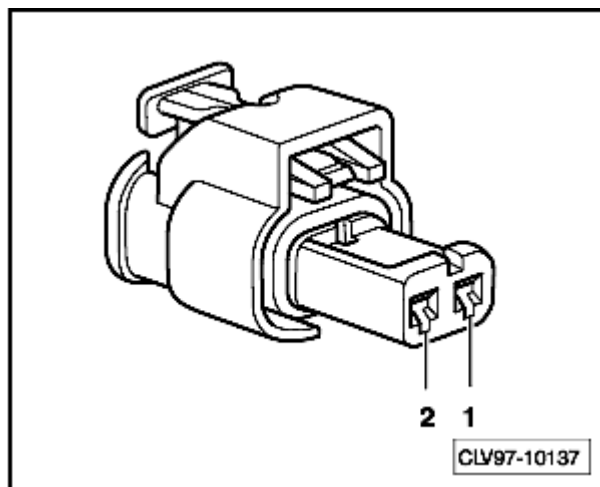
No. 883 / 3

Left rear thorax airbag crash sensor - G256- and Right rear thorax airbag crash sensor -G257-

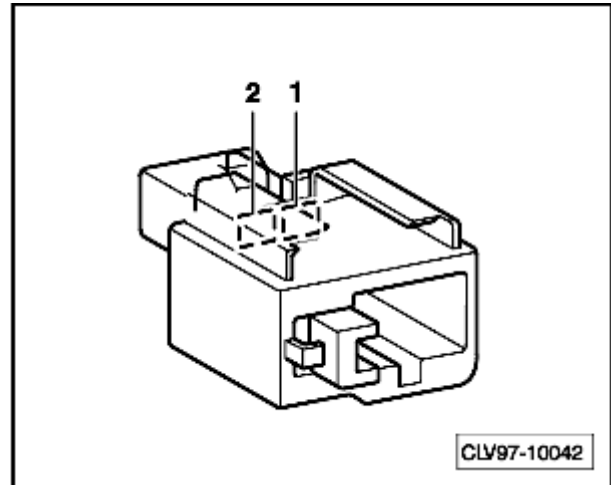


Cavity	Function
1	Signal (+), sensor
2	Signal (-), sensor

Driver front airbag crash sensor -G283- and Front passenger front airbag crash sensor -G284-



Cavity	Function
1	Signal (+), sensor
2	Signal (-), sensor

Golf**Component Locations****No. 883 / 4****Driver seat belt switch -E24-**

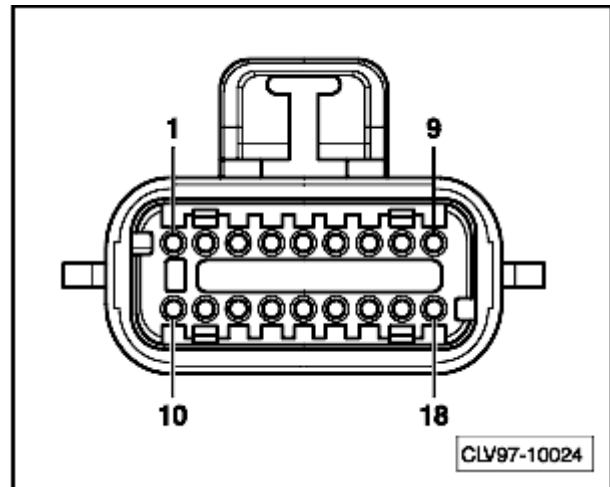
Cavity	Function
1	Signal (+), sensor
2	Ground, sensor

Golf

Component Locations

No. 883 / 5

Passenger occupant detection system control module -J706-

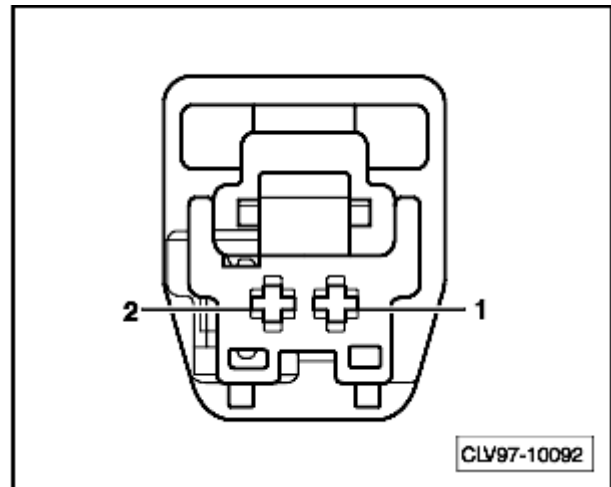


Cavity	Function	Cavity	Function
1	....	10	....
2	....	11	....
3	....	12	....
4	Passenger occupant detection system seat belt force sensor signal	13	....
5	Ground (in harness)	14	Passenger occupant detection system seat belt force sensor ground
6	Passenger occupant detection system pressure sensor signal	15	Passenger occupant detection system pressure sensor ground
7	Passenger occupant detection system pressure sensor supply voltage	16	Passenger occupant detection system seat belt force sensor supply voltage
8	....	17	Redundant signal ground (optional)
9	Ignition Supply Voltage (15A)	18	Line bus (optional)

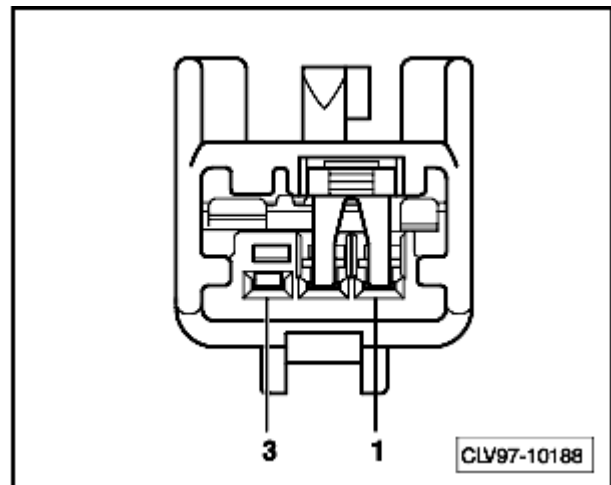
Golf

Component Locations

No. 883 / 6

Front passenger seat belt switch -E25-

Cavity	Function
1	Signal (+), sensor
2	Ground, sensor

Front passenger thorax airbag igniter - N200- and Driver thorax airbag igniter - N199-

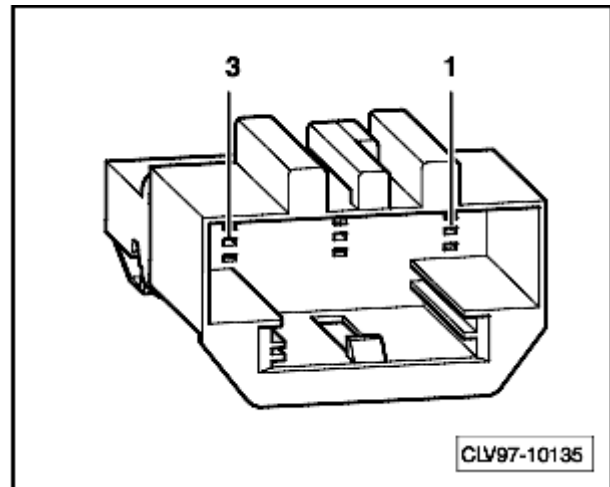
Cavity	Function
1	Signal (-), sensor
2	Signal (+), sensor
3	Ground (31), sensor

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Component Locations

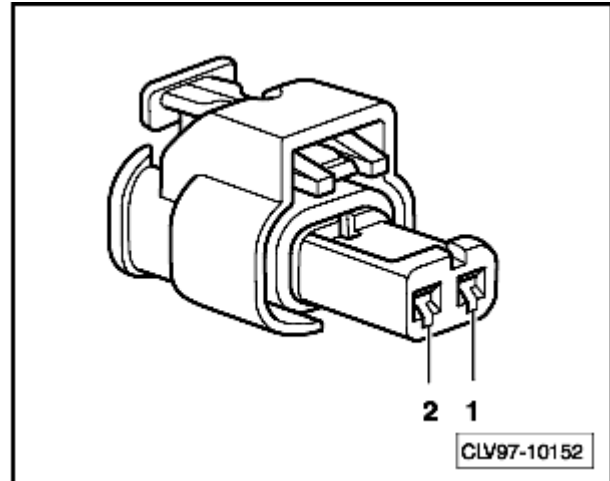
No. 883 / 7

Front passenger seat position sensor - G554- and Driver seat position sensor - G553-



Cavity	Function
1	Ground (31), sensor
2	Signal (+), sensor
3	----

Driver side airbag crash sensor -G179- and Front passenger side airbag crash sensor -G180-



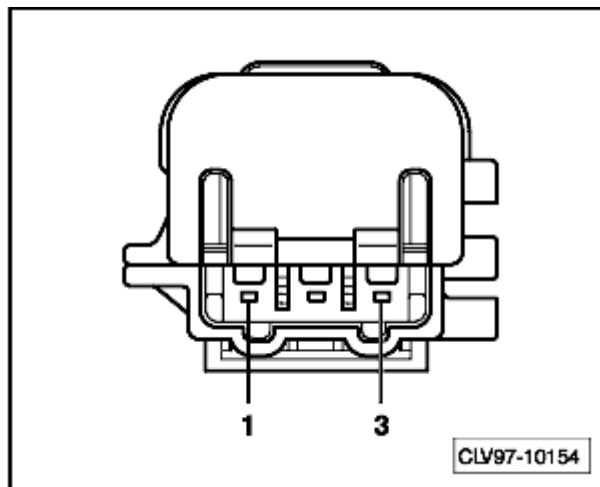
Cavity	Function
1	Signal (+), sensor
2	Signal (-), sensor

Golf

Component Locations

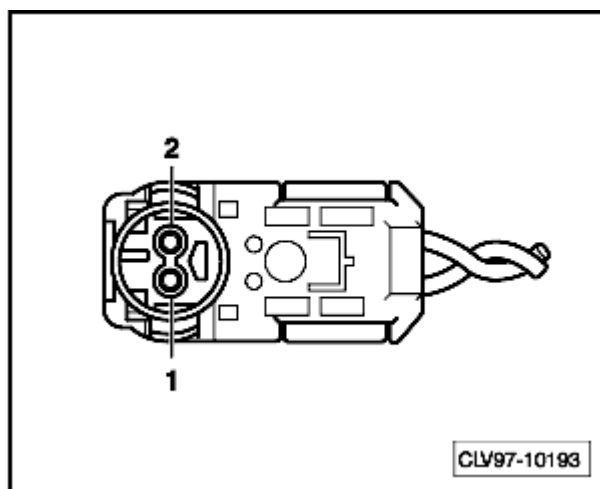
No. 883 / 8

Left rear seat belt tensioner igniter - N196- and Right rear seat belt tensioner igniter -N197-



Cavity	Function
1	Ground (31), sensor
2	Signal (+), sensor
3	----

Front passenger seat belt tensioner igniter 1 -N154-

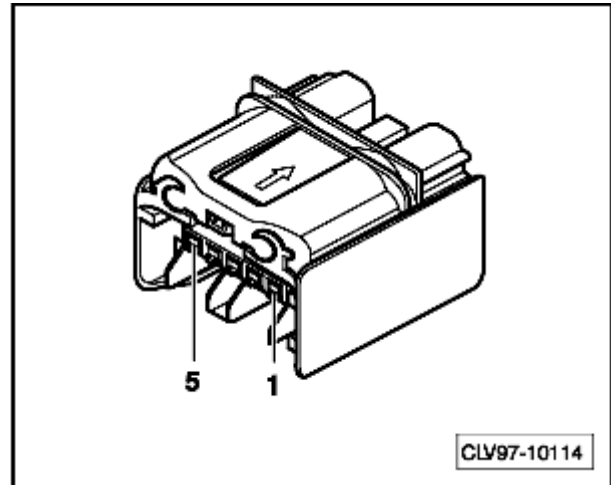


Cavity	Function
1	Signal (-), sensor
2	Signal (+), sensor

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Component Locations

No. 883 / 9

Driver seat belt tensioner igniter 1 - N153-

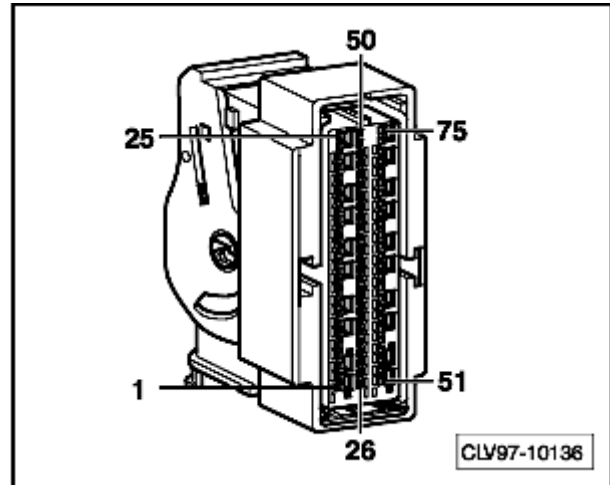
Cavity	Function	Cavity	Function
1	Signal (-), sensor 1	4	Signal (-), sensor 2
2	Signal (+), sensor 1	5	Signal (+), sensor 2
3	Ground, sensor (optional)		

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Component Locations

No. 883 / 10

Airbag control module -J234-



Cavity	Function	Cavity	Function	Cavity	Function
1	Battery (+)	26	Front passenger airbag - disabled- indicator lamp (+)	51	....
2	Driver's Seat Position Sensor (+)	27	....	52	....
3	Ground (in harness)	28	Ground (in harness)	53	Line bus to -J706- (optional)
4	Driver seat belt switch (+)	29		54	Front passenger airbag - disabled- indicator lamp (-)
5	Driver seat belt switch (-)	30	Airbag Deactivation Switch 1	55	Diagnostic lead to -J533-
6	Front passenger seat belt switch (+)	31		56	....
7	Front passenger seat belt switch (-)	32	Airbag Deactivation Switch 2	57	....
8	Signal, passenger seat position (optional)	33	....	58	SAT (+) (optional)
9	....	34	....	59	SAT (-) (optional)
10	Driver belt force limiter (+)	35	Driver side rear side airbag igniter (+)	60	Driver side Front Crash Sensor (+)
11	Driver belt force limiter (-)	36	Driver side rear side airbag igniter (-)	61	Driver side Front Crash Sensor (-)
12	Driver belt force limiter (-) (optional)	37	Front passenger rear side airbag igniter (-)	62	Passenger side Front Crash Sensor (+)
13	Driver belt force limiter (+) (optional)	38	Front passenger rear side airbag igniter (+)	63	Passenger side Front Crash Sensor (-)
14	+	39	Driver side rear seat belt tensioner igniter (+)	64	Rear side Airbag Crash Sensor (+) (driver side)
15	-	40	Driver side rear seat belt tensioner igniter (-)	65	Rear side Airbag Crash Sensor (-) (driver side)

16	Front Passenger's Airbag Igniter 2 (-)	41	Front passenger side rear seat belt tensioner igniter (-)	66	Rear side Airbag Crash Sensor (+) (passenger side)
17	Front Passenger's Airbag Igniter 2 (+)	42	Front passenger side rear seat belt tensioner igniter (+)	67	Rear side Airbag Crash Sensor (-) (passenger side)
18	Driver head curtain airbag igniter (+)	43	Driver's side Airbag Igniter (+)	68	Driver's side Airbag Crash Sensor (+)
19	Driver head curtain airbag igniter (-)	44	Driver's side Airbag Igniter (-)	69	Driver's side Airbag Crash Sensor (-)
20	Front passenger head curtain airbag igniter (-)	45	Front Passenger's side Airbag Igniter (-)	70	Front Passenger's side Airbag Crash Sensor (+)
21	Front passenger head curtain airbag igniter (+)	46	Front Passenger's side Airbag Igniter (+)	71	Front Passenger's side Airbag Crash Sensor (-)
22	Driver Airbag Igniter (+)	47	Driver seat belt tensioner igniter 1 (+)	72	....
23	Driver Airbag Igniter (-)	48	Driver seat belt tensioner igniter 1 (-)	73	CAN S (optional)
24	Front Passenger's Airbag Igniter 1 (-)	49	Front passenger seat belt tensioner igniter 1 (-)	74	CAN H
25	Front Passenger's Airbag Igniter 1 (+)	50	Front passenger seat belt tensioner igniter 1 (+)	75	CAN L

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Component Locations

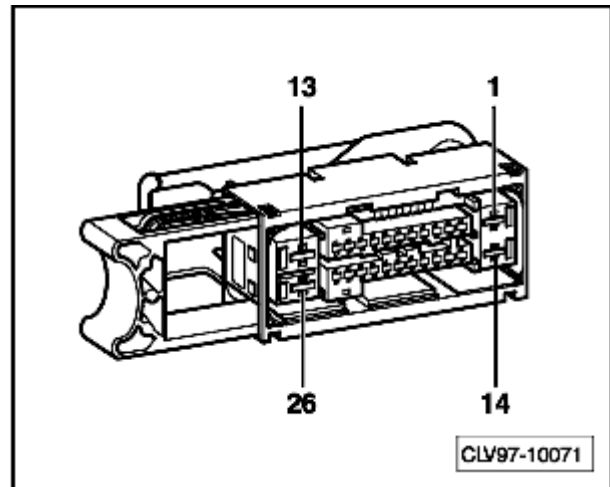
No. 881 / 1

Edition 09.2010

Anti-Lock Brake Systems - Connector Views

ABS control module -J104-

MK70 ABS



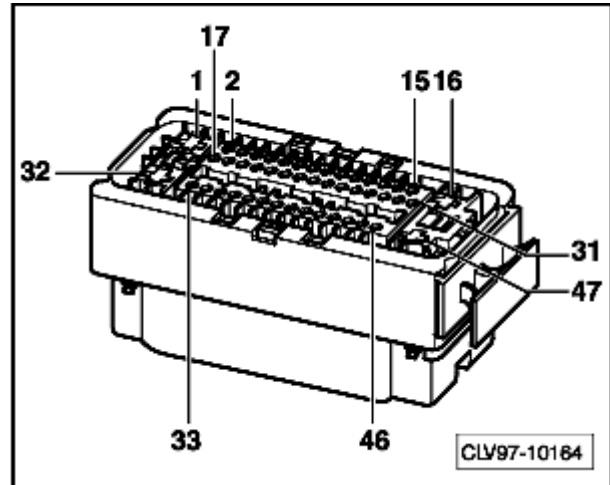
Cavity	Function	Cavity	Function
1	Power fuse , module	14	.....
2	Rear left sensor ground	15	Module self check - (coupling steering type option)
3	Rear left sensor signal	16	Brake light switch (BLS) signal
4	ASR signal (Optional for certain vehicles)	17	Module self check - (coupling steering type option)
5	Front right sensor signal	18	.....
6	Front right sensor ground	19	.....
7	TPMS signal (optional)	20	Power ignition, module
8	Front left sensor ground	21	CAN-L signal
9	Front left sensor signal	22	Module self check - (coupling steering type option)
10	ASR off (optional)	23	CAN-H signal
11	Right rear sensor signal	24	Module self check - (coupling steering type option)
12	Right rear sensor ground	25	----
13	.....	26	Ground (31), module

Component Locations

Golf

No. 881 / 2

MK60 ABS with ESP



Cavity	Function	Cavity	Function
1	Power fuse, module	25	..... (PDC2 optional)
2	.....	26	.....
3	.....	27	.....
4	.....	28	..... (PDC3 optional)
5	5 volts - Vacuum sensor	29	.....
6	.....	30	..... (Vacuum sensor 2 signal , optional)
7	..... (RR_out optional)	31	.....
8	Power ignition, module	32	Power ignition, module
9	----- (RL_out optional)	33	Front right speed sensor ground
10	----- (ISO_K optional)	34	Front right speed sensor signal
11	----- (FR_out optional)	35	TPMS (RKA) signal - if equipped
12	CAN-H signal	36	Left rear wheel speed sensor signal
13	CAN-L signal	37	Left rear wheel speed sensor ground
14	..... (FL_out optional)	38	Brake light switch (BLS) signal
15	.....	39	ESP sensor signal
16	---- (Ground VS optional)	40	Vacuum sensor ground
17	.....	41	Vacuum sensor signal
18	.....	42	Right rear wheel speed sensor ground
19	.....	43	Right rear wheel speed sensor signal
20	..... (PDC1 optional)	44	ESP Off LED
21	45	Front left wheel speed sensor signal
22	46	Front left wheel speed sensor ground
23	47	Ground, module

24		
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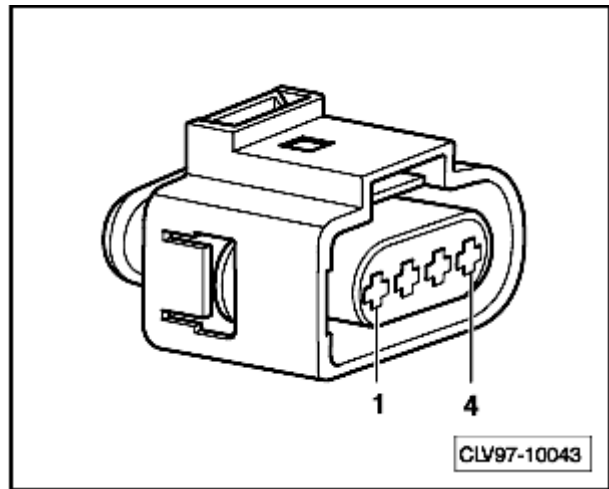
Golf

Component Locations

No. 881 / 3

Vacuum sensor -G608-

With Hydraulic Booster

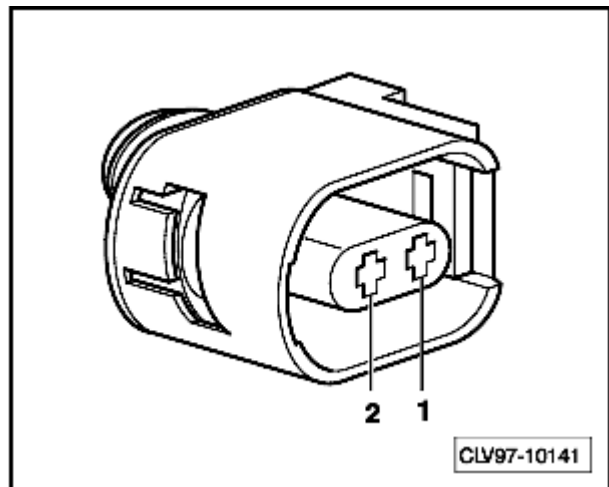


Cavity	Function	Cavity	Function
1	Ground, sensor	3	5 V, sensor
2	.....	4	Signal, sensor

ABS wheel speed sensors

All wheel speed sensors connector cavities are similar

Wheel Speed Sensor



Cavity	Function
1	Signal (+), sensor
2	Signal (-), sensor

Golf

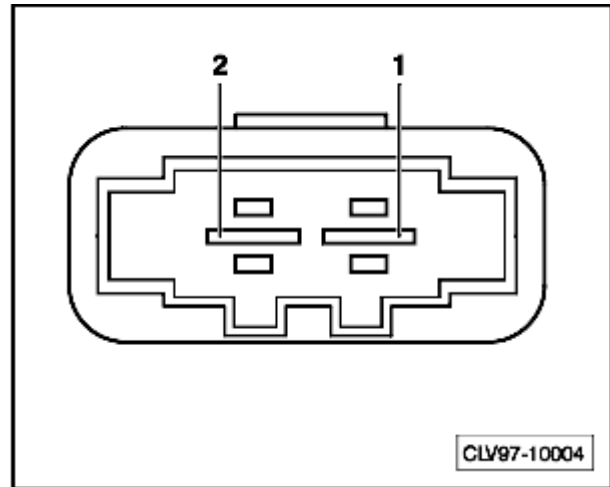
Component Locations

No. 880 / 1

Edition 09.2010

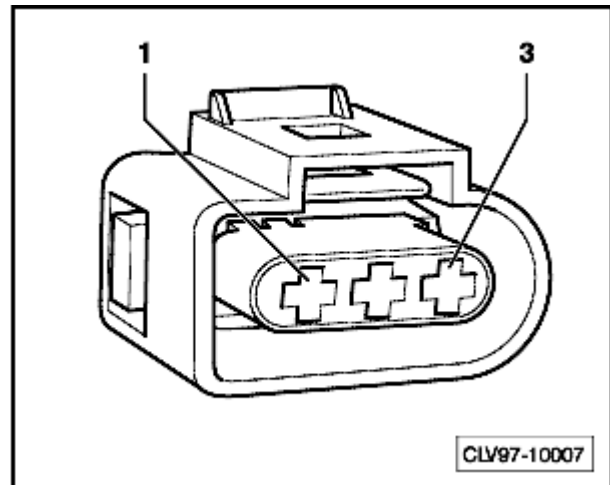
Climate/ Climatronic Systems - Connector Views

Fresh air blower -V2-



Cavity	Function
1	Power, motor
2	Ground, motor

High pressure sensor -G65-



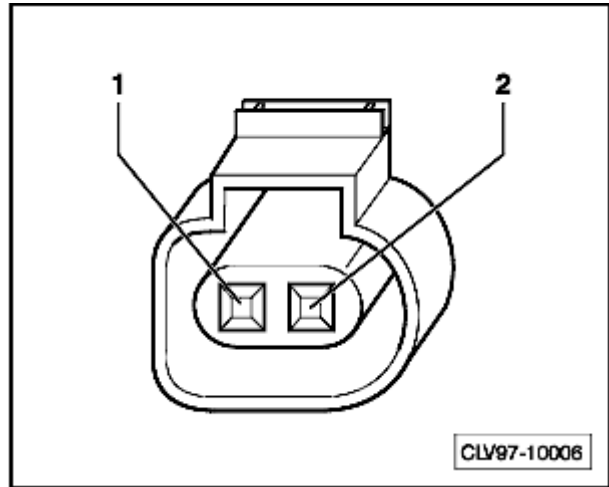
Cavity	Function
1	Ground, sensor
2	PWM signal, sensor
3	Power, sensor

Golf

Component Locations

No. 880 / 2

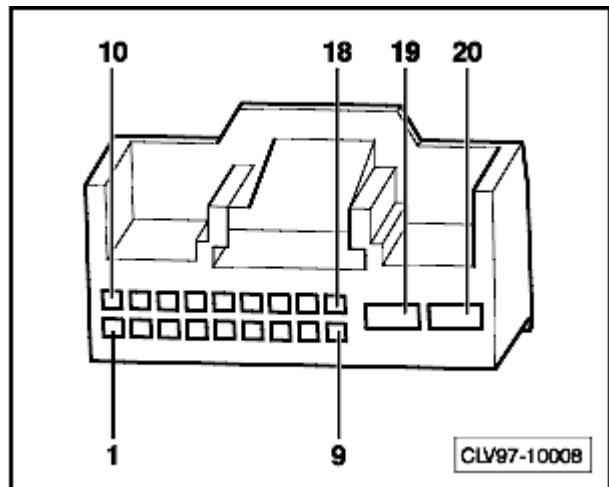
A/C compressor regulator valve -N280-



Cavity	Function
1	Ground, sensor
2	Signal, sensor

A/C control module -J301-

Climatic - 20 Pins



Cavity	Function	Cavity	Function
1	...	11	...
2	...	12	Front seat heating control module, right
3	Center vent temperature sensor, signal	13	Front seat heating control module, left
4	...	14	...
5	High pressure sensor	15	...
6	...	16	A/C compressor regulator valve
7	CAN Low	17	...

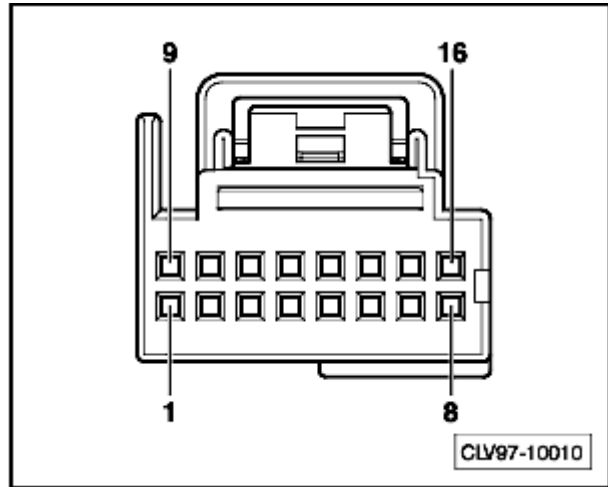
8	CAN High	18	Center vent temperature sensor, ground
9	...	19	Battery power, module
10	...	20	Ground, module

Golf

Component Locations

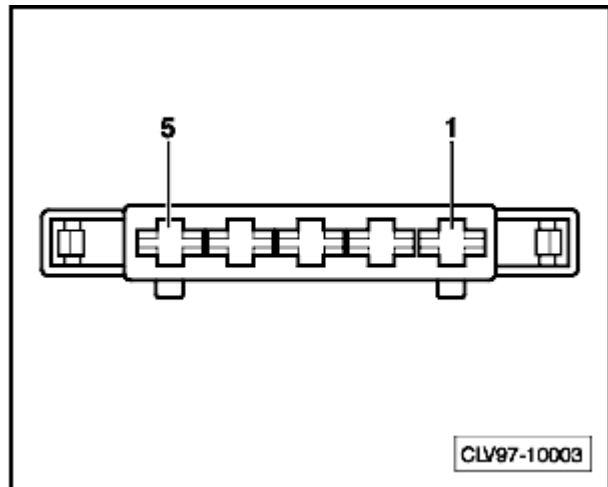
No. 880 / 3

Climatic - 16 Pins



Cavity	Function	Cavity	Function
1	Temperature regulator door motor, hot	9	Recirculation door motor, open
2	Evaporator vent temperature sensor, signal	10	Recirculation door motor, close
3	Air distribution door motor position sensor, signal	11	Temperature regulator door motor, cold
4	Footwell vent temperature sensor, signal	12	Air distribution door motor, mode 1
5	Left temperature door potentiometer/actuator, signal	13	Air distribution door motor, mode 2
6	...	14	...
7	5 Volt, output	15	...
8	Ground, sensor	16	...

Climatic - 5 Pins



Cavity	Function	Cavity	Function

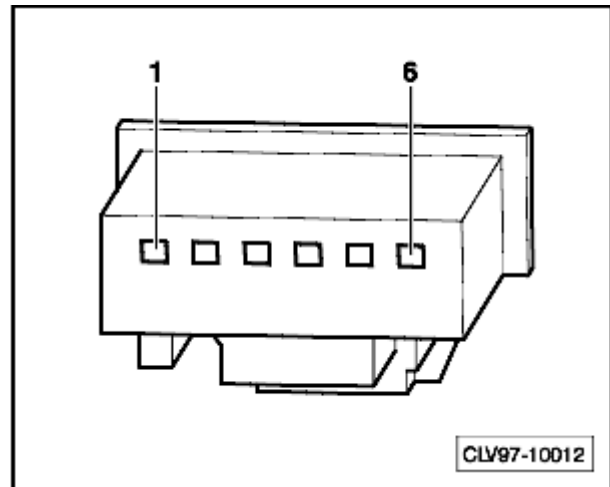
1	Fresh air blower resistor, step 3	4	Fresh air blower resistor, step 4
2	Fresh air blower resistor, step 2	5	Power, fresh air blower
3	Fresh air blower resistor, step 1		

Golf

Component Locations

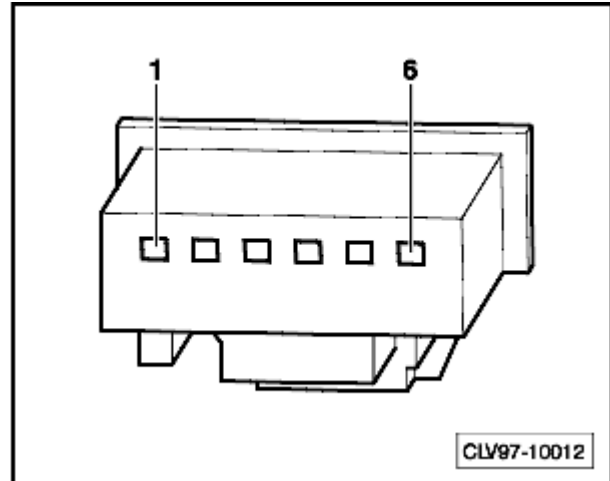
No. 880 / 4

Air distribution door motor -V428- / Air distribution door motor position sensor -G645-



Cavity	Function	Cavity	Function
1	Ground, sensor	4	...
2	Signal, sensor	5	Motor, mode 1
3	5 volt, sensor	6	Motor, mode 2

Recirculation door motor -V113-



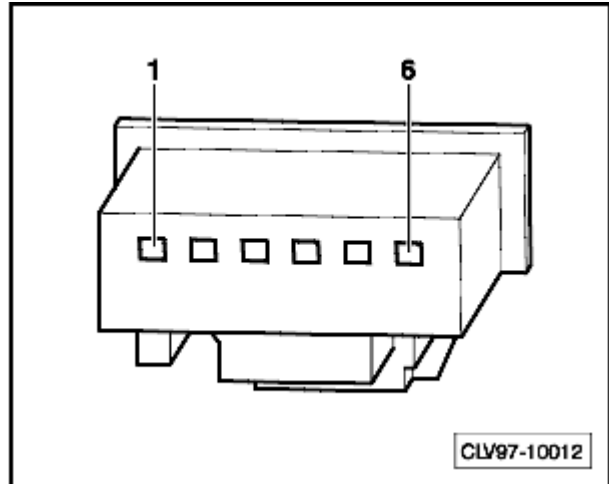
Cavity	Function	Cavity	Function
1	...	4	...
2	...	5	Motor, open
3	...	6	Motor, closed

Golf

Component Locations

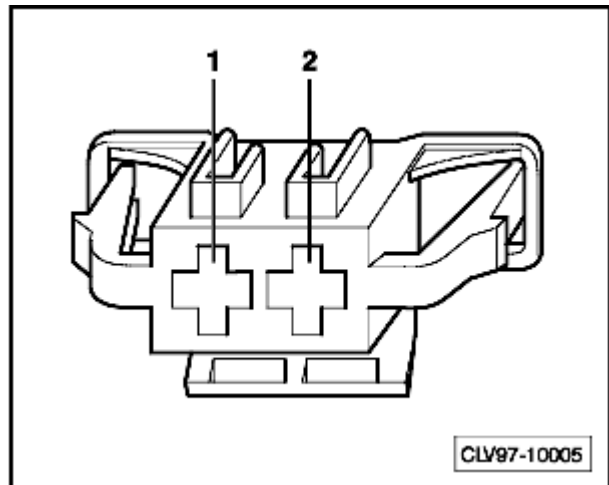
No. 880 / 5

Temperature regulator door motor - V68- / Left temperature door potentiometer/actuator -G220-



Cavity	Function	Cavity	Function
1	Ground, sensor	4	...
2	Signal, sensor	5	Motor, hot
3	5 volt, sensor	6	Motor, cold

Evaporator vent temperature sensor - G263-



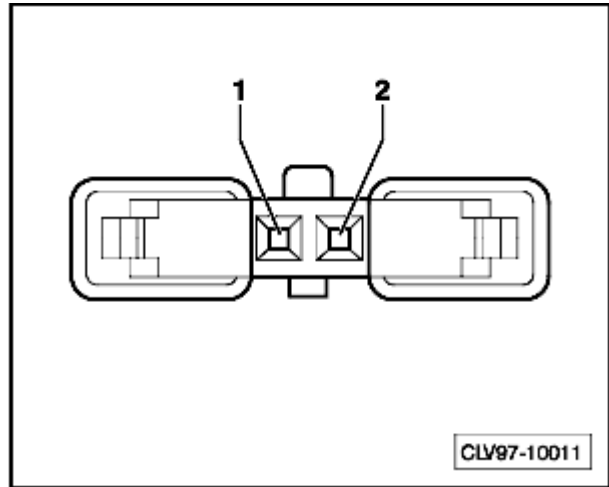
Cavity	Function
1	Ground, sensor
2	Signal, sensor

Golf

Component Locations

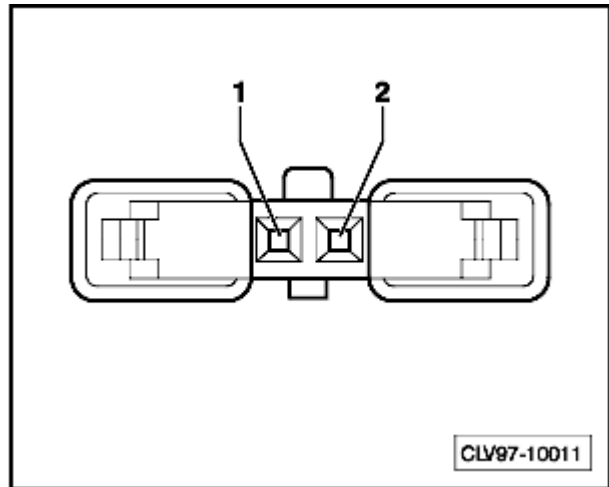
No. 880 / 6

Footwell vent temperature sensor - G192-



Cavity	Function
1	Ground, sensor
2	Signal, sensor

Center vent temperature sensor -G191-



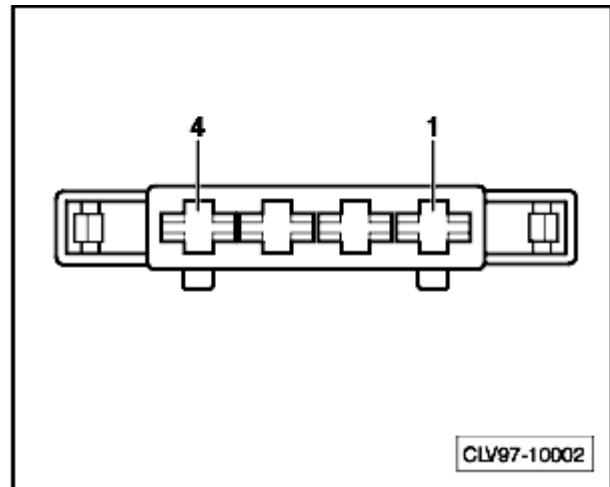
Cavity	Function
1	Ground, sensor
2	Signal, sensor

Golf

Component Locations

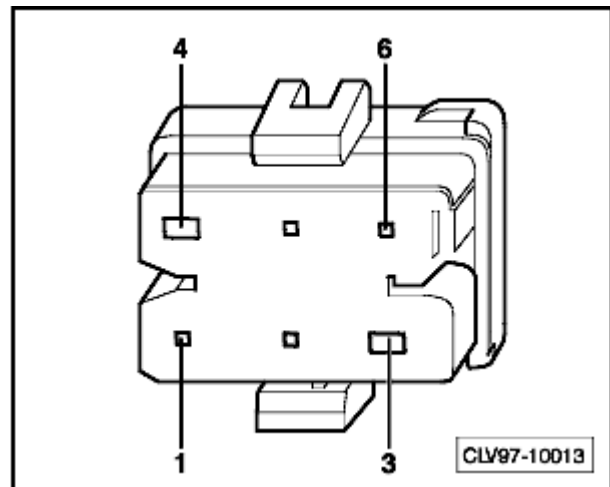
No. 880 / 7

Fresh air blower series resistor with fuse -N24-



Cavity	Function	Cavity	Function
1	Fresh air blower resistor, step 4	3	Fresh air blower resistor, step 1
2	Fresh air blower resistor, step 2	4	Fresh air blower resistor, step 3

Fresh air blower control module -J126-



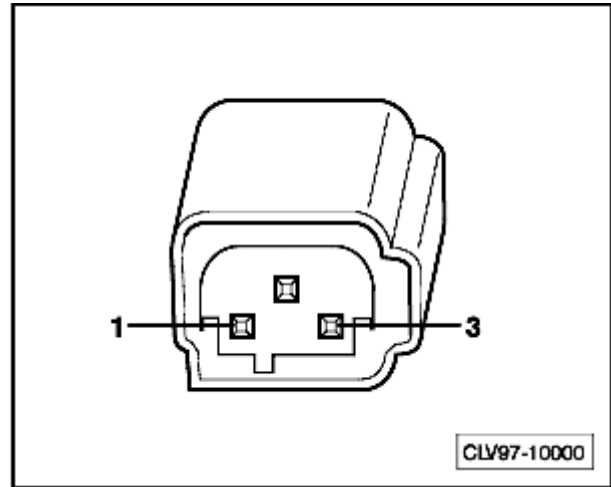
Cavity	Function	Cavity	Function
1	Diagnosis signal, output	4	Battery power, module
2	PWM signal, input	5	...
3	Ground, module	6	Solar signal (optional)

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Component Locations

No. 880 / 8

Air quality sensor -G238-



Cavity	Function
1	Switched battery, sensor
2	Ground, sensor
3	PWM signal, output

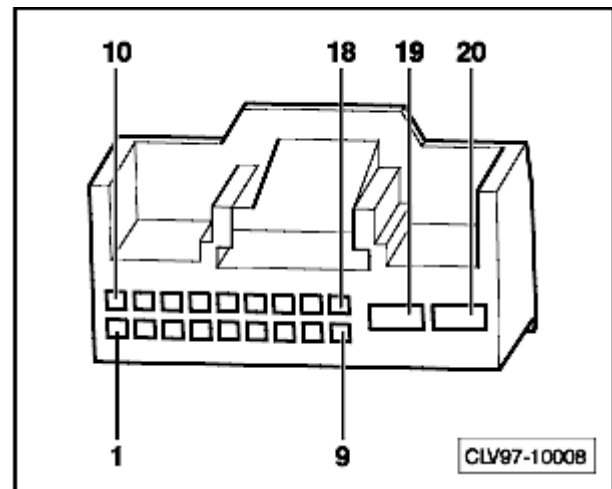
Golf

Component Locations

No. 880 / 9

Climatronic control module -J255-

Climatronic - 20 Pins



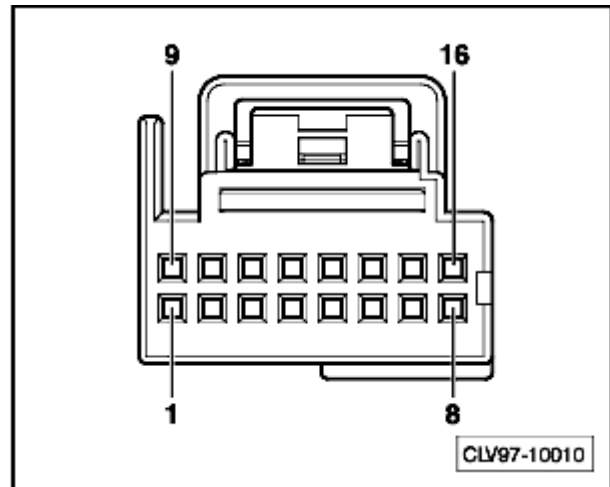
Cavity	Function	Cavity	Function
1	Sunlight photo sensor signal, right	11	Front seat heating control module, right
2	High pressure sensor, PWM signal	12	...
3	Sunlight photo sensor signal, left	13	Left vent temperature sensor
4	Air quality sensor, PWM signal	14	Right vent temperature sensor
5	CAN High	15	...
6	CAN Low	16	...
7	...	17	Signal ground
8	...	18	A/C compressor regulator valve, PWM signal
9	Output, 5 volt sensor	19	Ground, module
10	Front seat heating control module, left	20	Battery power, module

Golf

Component Locations

No. 880 / 10

Climatronic - 16 Pins (g)



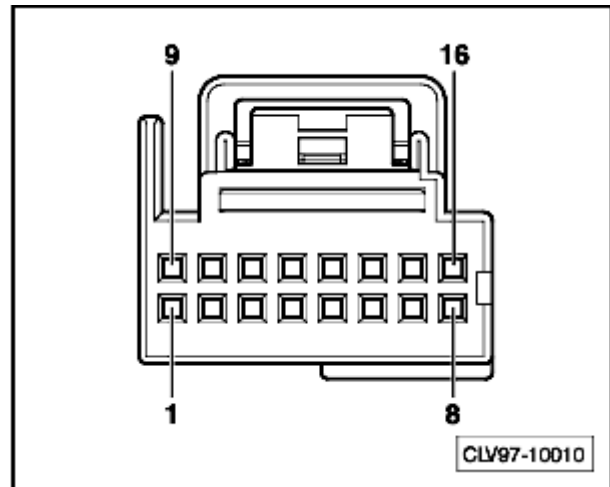
Cavity	Function	Cavity	Function
1	5 volt sensor, output	9	Right footwell vent temperature sensor, input
2	Left temperature door potentiometer/actuator, sensor input (5v = warm)	10	...
3	Right temperature door potentiometer/actuator, sensor input (5v = warm)	11	Evaporator temperature sensor, input
4	Defroster door motor position sensor, sensor input (5v = defrost)	12	...
5	Central door motor position sensor, sensor input (5v = instrument panel)	13	...
6	...	14	Signal ground
7	Fresh air/recirculating air/back pressure door motor position sensor, input	15	...
8	Left footwell vent temperature sensor, input	16	...

Golf

Component Locations

No. 880 / 11

Climatronic - 16 Pins (e)



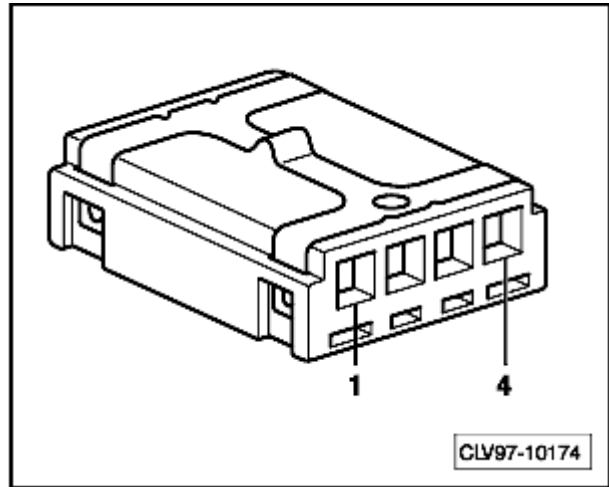
Cavity	Function	Cavity	Function
1	Left temperature door motor, cold	9	Fresh air/recirculating air/back pressure door motor, recirculation
2	Left temperature door motor, hot	10	Fresh air/recirculating air/back pressure door motor, fresh air
3	Defroster door motor, no defrost	11	Right temperature door motor, cold
4	Defroster door motor, defrost	12	Right temperature door motor, hot
5	Central air door motor, instrument panel	13	...
6	Central air door motor, footwell	14	...
7	...	15	Fresh air blower control module, PWM signal
8	...	16	Fresh air blower control module diagnosis signal, input

Golf

Component Locations

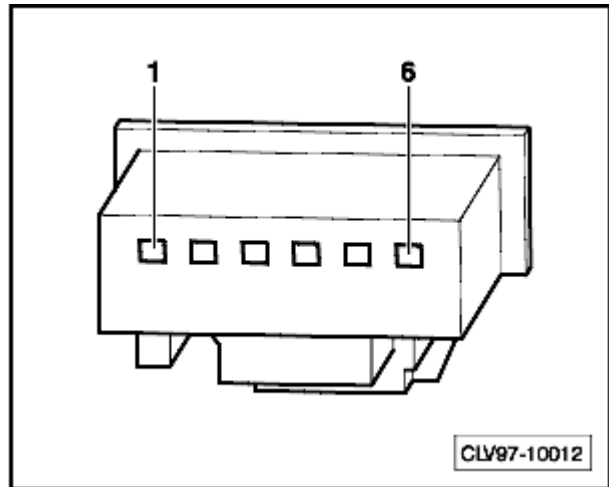
No. 880 / 12

**Sunlight photo sensor -G107- /
Sunlight photo sensor 2 -G134-**



Cavity	Function	Cavity	Function
1	Right sensor, signal	3	Ground, sensor
2	5 Volt, sensor	4	Left sensor, signal

**Left temperature door motor -V158- /
Left temperature door
potentiometer/actuator -G220-**



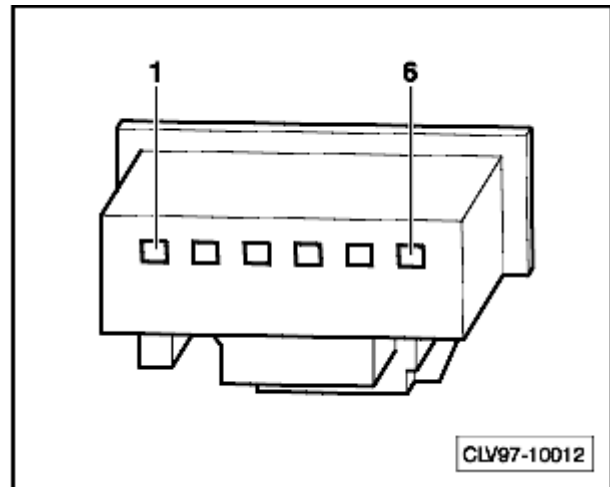
Cavity	Function	Cavity	Function
1	Ground, sensor	4	...
2	Signal, sensor	5	Motor, hot
3	5 volt, sensor	6	Motor, cold

Golf

Component Locations

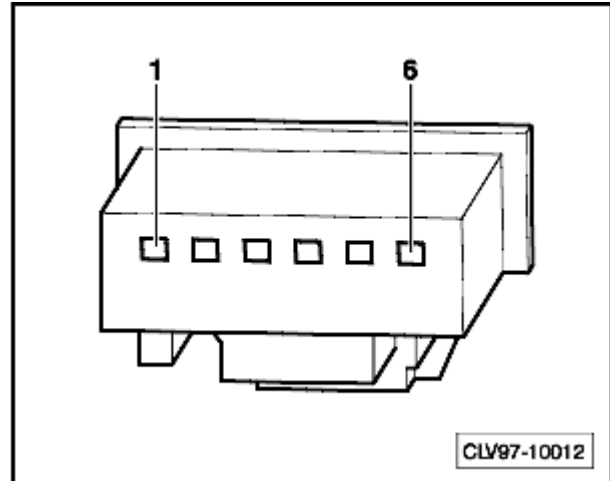
No. 880 / 13

**Right temperature door motor -V159- /
Right temperature door
potentiometer/actuator -G221-**



Cavity	Function	Cavity	Function
1	5 volt, sensor	4	...
2	Signal, sensor	5	Motor, cold
3	Ground, sensor	6	Motor, hot

**Defroster door motor -V107- / Defroster
door motor position sensor -G135-**



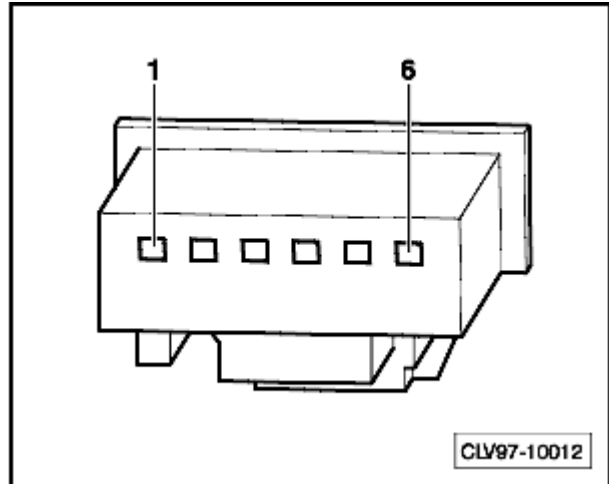
Cavity	Function	Cavity	Function
1	5 volt, sensor	4	...
2	Signal, sensor	5	Motor, no defrost
3	Ground, sensor	6	Motor, full defrost

Golf

Component Locations

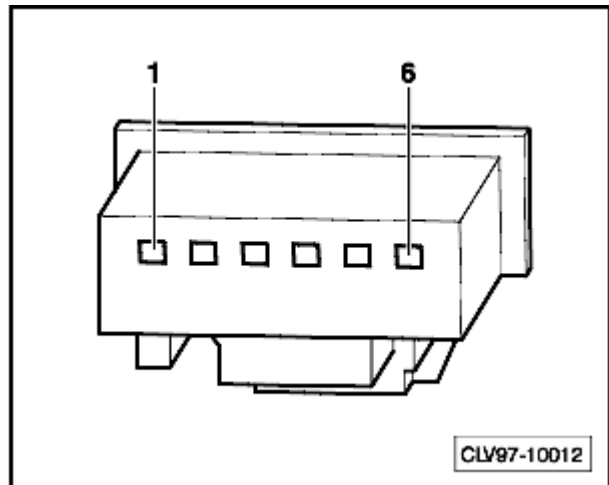
No. 880 / 14

Fresh air/recirculating air/back pressure door motor -V425- / Fresh air/recirculating air/back pressure door motor position sensor -G644-



Cavity	Function	Cavity	Function
1	Ground, sensor	4	...
2	Signal, sensor	5	Motor, recirculation
3	5 volt, sensor	6	Motor, fresh air

Central air door motor -V70- / Central door motor position sensor -G112-



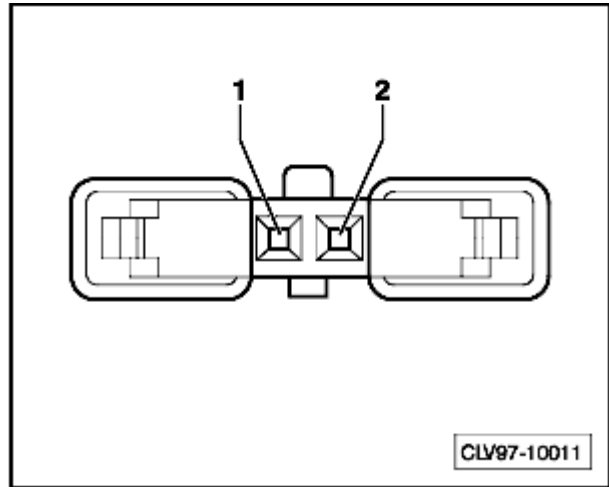
Cavity	Function	Cavity	Function
1	Ground, sensor	4	...
2	Signal, sensor	5	Motor, vent
3	5 volt, sensor	6	Motor, foot

Golf

Component Locations

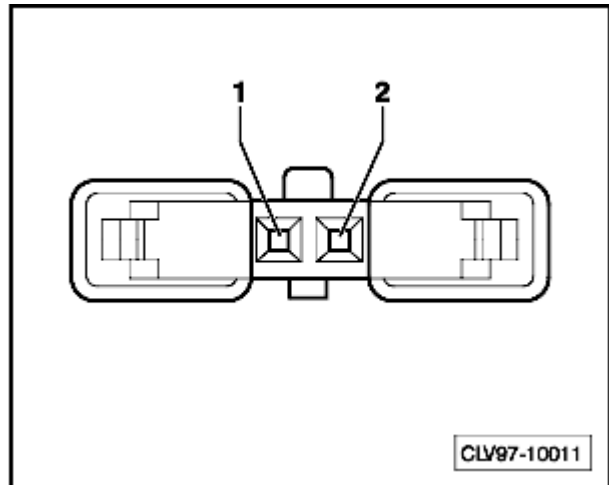
No. 880 / 15

Left footwell vent temperature sensor - G261-



Cavity	Function
1	Ground, sensor
2	Signal, sensor

Right footwell vent temperature sensor -G262-



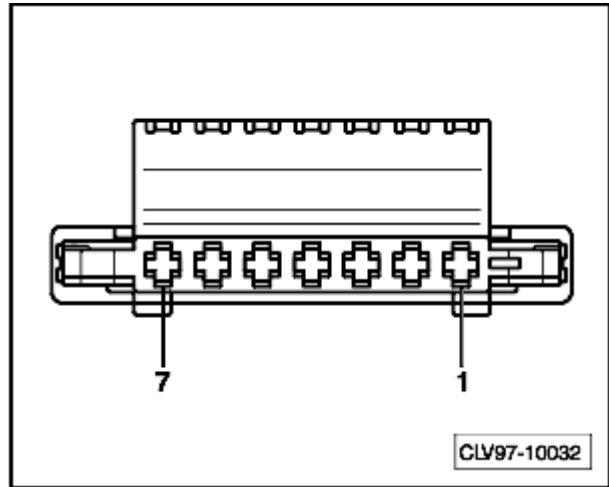
Cavity	Function
1	Ground, sensor
2	Signal, sensor

Golf

Component Locations

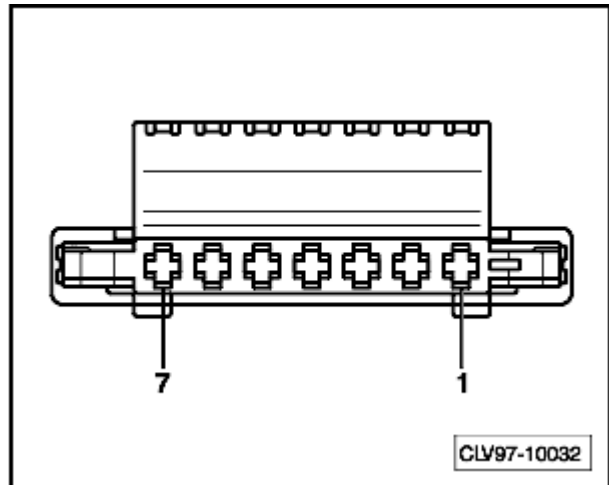
No. 880 / 16

Left vent temperature sensor -G150-



Cavity	Function
1	Ground, sensor
2	Signal, sensor

Right vent temperature sensor -G151-



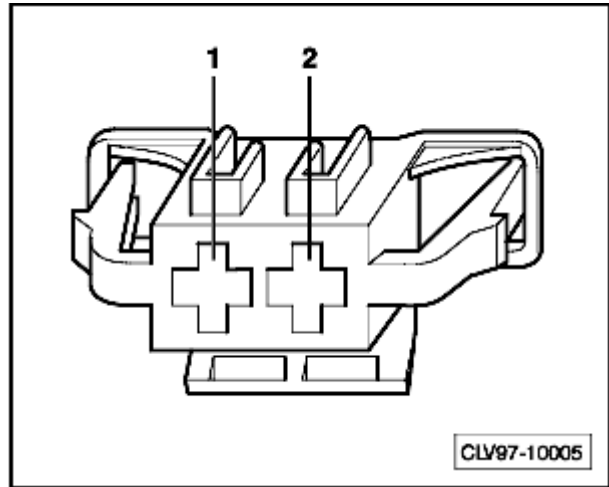
Cavity	Function
1	Ground, sensor
2	Signal, sensor

Golf

Component Locations

No. 880 / 17

Evaporator temperature sensor -G308-



Cavity	Function
1	Ground, sensor
2	Signal, sensor

Golf

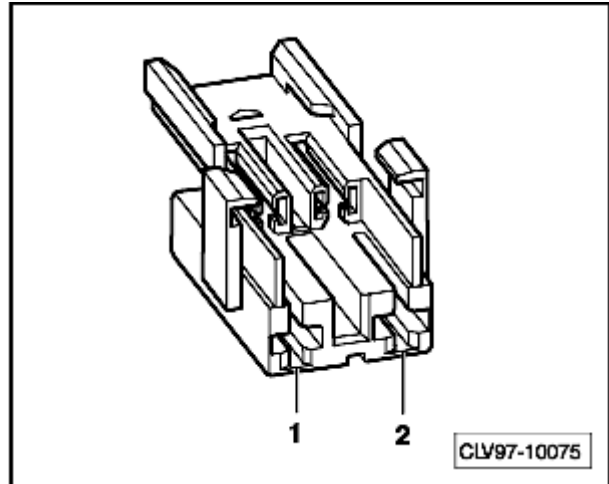
Component Locations

No. 895 / 1

Edition 09.2010

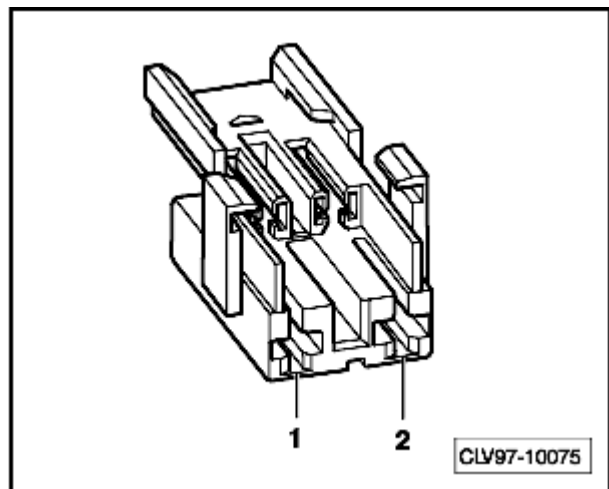
Comfort System - Connector Views

Driver seat height adjustment motor - V138-



Cavity	Function	Cavity	Function
1	Down	3	...
2	Up	4	...

Driver seat forward/back adjustment motor -V28-



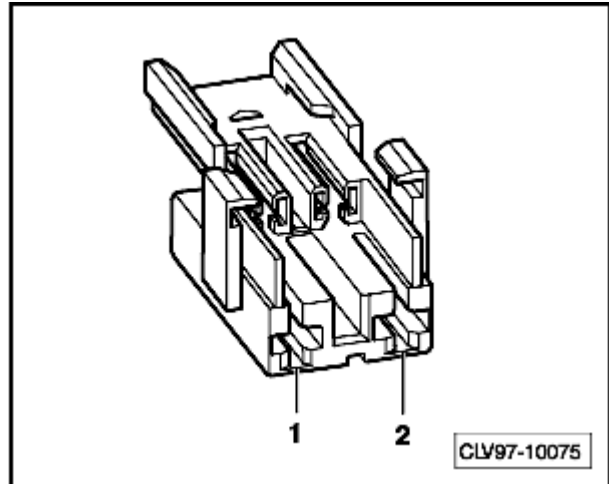
Cavity	Function	Cavity	Function
1	Forward	3	...
2	Back	4	...

Golf

Component Locations

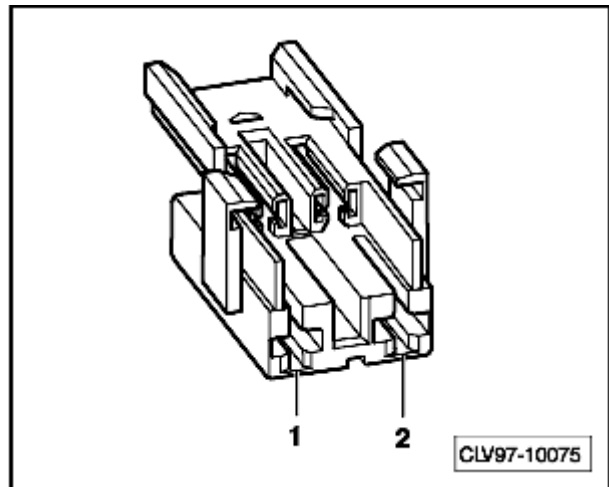
No. 895 / 2

Seat angle adjustment motor -V231-



Cavity	Function	Cavity	Function
1	Up	3	...
2	Down	4	...

Driver backrest adjustment motor -V45-



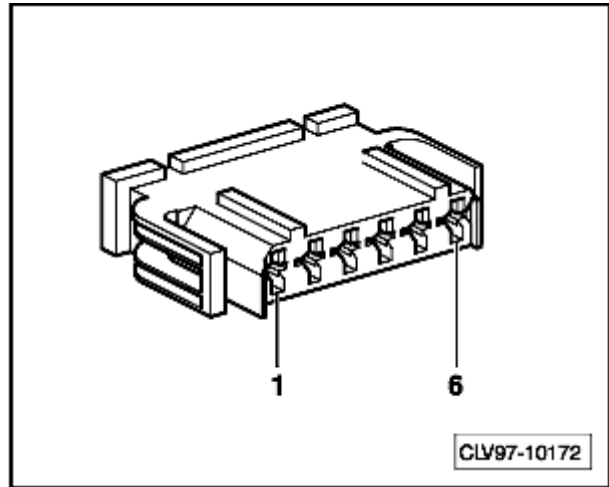
Cavity	Function	Cavity	Function
1	Back	3	...
2	Forward	4	...

Golf

Component Locations

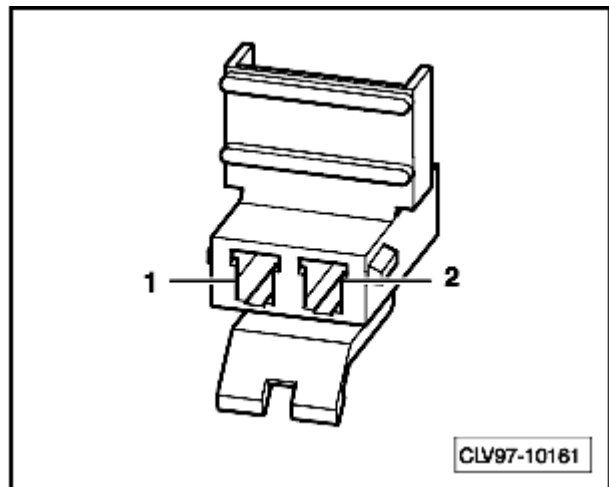
No. 895 / 3

Driver seat lumbar support adjustment switch -E176-



Cavity	Function	Cavity	Function
1	Lumbar support curvature adjustment motor - Forward	4	Power
2	Lumbar support curvature adjustment motor - Back	5	Lumbar support height adjustment motor - Up
3	Ground	6	Lumbar support height adjustment motor - Down

Driver seat lumbar support curvature adjustment motor -V125-



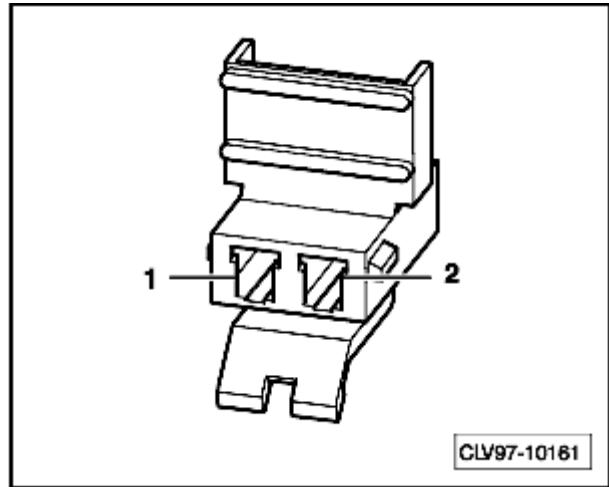
Cavity	Function
1	Forward
2	Back

Component Locations

Golf

No. 895 / 4

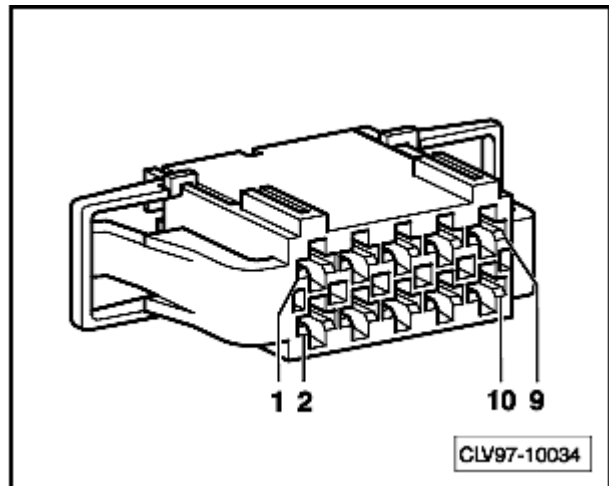
Driver seat lumbar support height adjustment motor -V129-



Cavity	Function
1	Down
2	Up

Master Seat Switch -E418- / -E421- / -E424- / -E425-

10-pin Connector



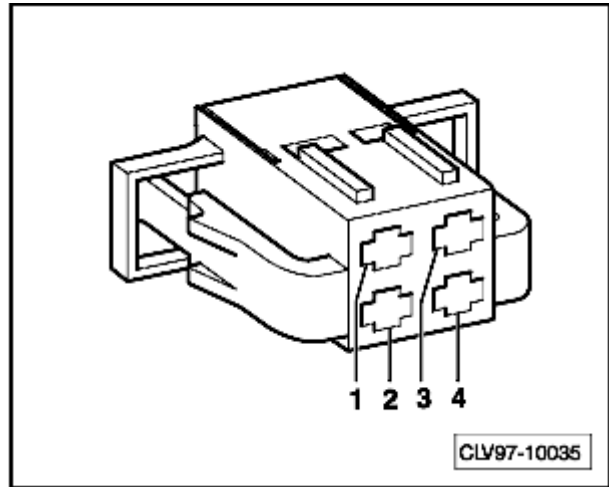
Cavity	Function	Cavity	Function
1	Seat angle - Up	6	Seat - Forward
2	Seat - Back	7	Backrest - Forward
3	Seat height - Up	8	Seat height - Down
4	Seat angle - Down	9	....
5	Backrest - Back	10	....

Golf

Component Locations

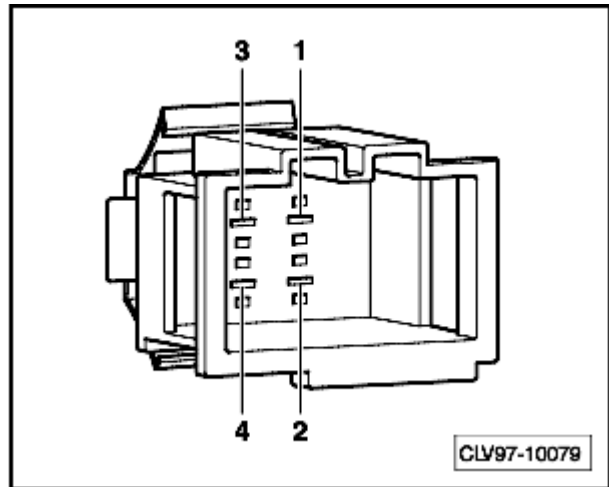
No. 895 / 5

4-pin Connector



Cavity	Function	Cavity	Function
1	Power (30)	3	Power (30)
2	Ground	4	Ground

Heated Driver Seat -G59- / -Z6- / -Z31-



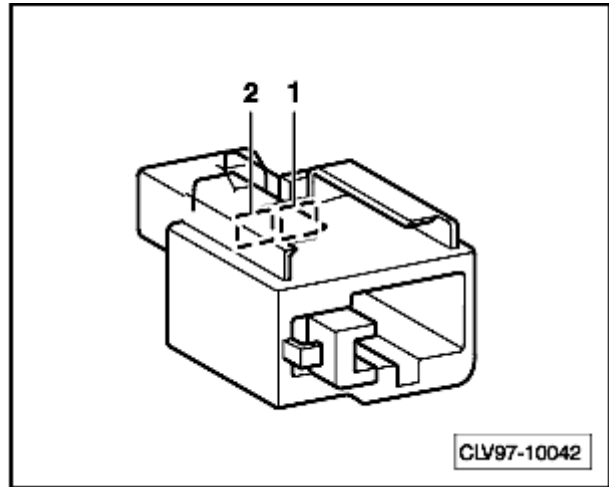
Cavity	Function	Cavity	Function
1	Power, heaters	3	Power, temperature sensor
2	Ground, temperature sensor	4	Ground, heaters

Golf

Component Locations

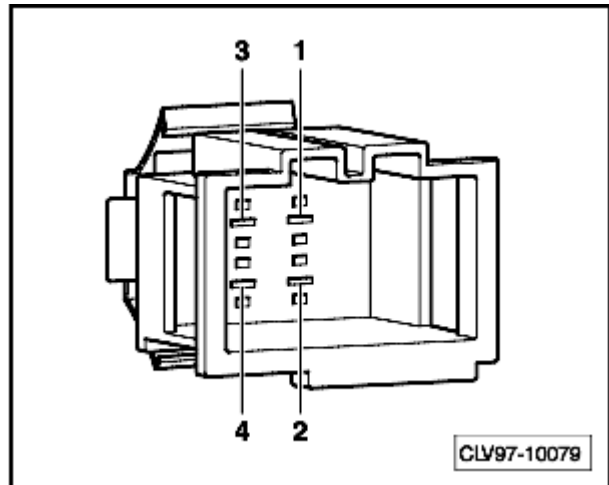
No. 895 / 6

Driver backrest heating element -Z7-



Cavity	Function
1	Power
2	Ground

Heated Front Passenger Seat -G60- / -Z8- / -Z33-



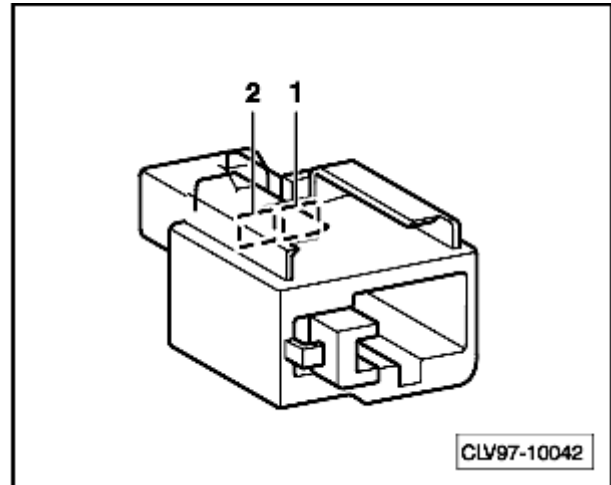
Cavity	Function	Cavity	Function
1	Power, heaters	3	Power, temperature sensor
2	Ground, temperature sensor	4	Ground, heaters

Golf

Component Locations

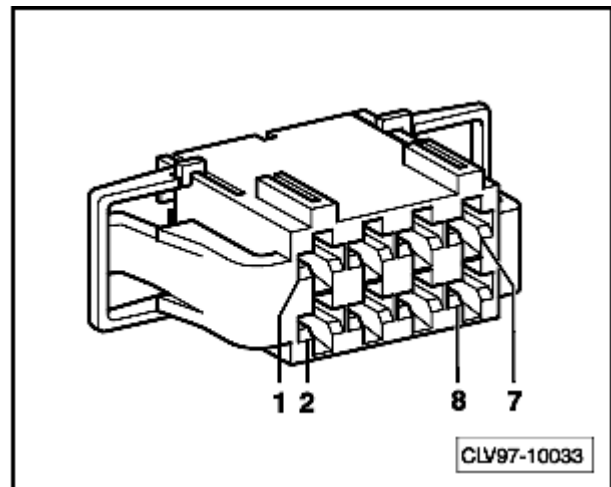
No. 895 / 7

Front passenger backrest heating element -Z9-



Cavity	Function
1	Power
2	Ground

Front seat heating control module - J774-



Cavity	Function	Cavity	Function
1	Power, passenger seat heaters	5	Power, driver seat heaters
2	Ground, module	6	Power, module
3	Power, module	7	Ground, module
4	Signal, passenger seat temperature sensor	8	Signal, driver seat temperature sensor

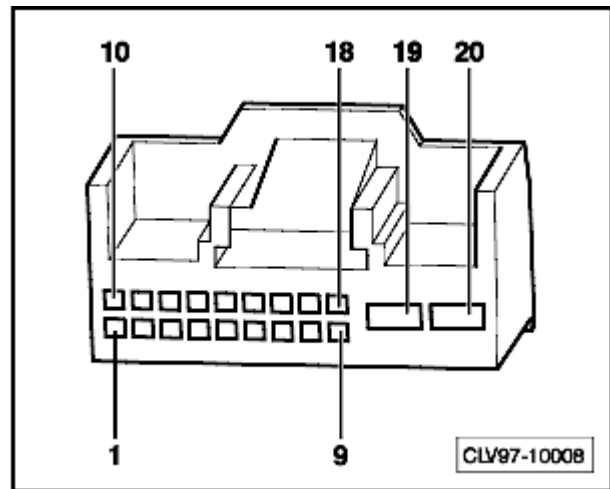
Golf

Component Locations

No. 895 / 8

Driver door control module -J386-

Connector A



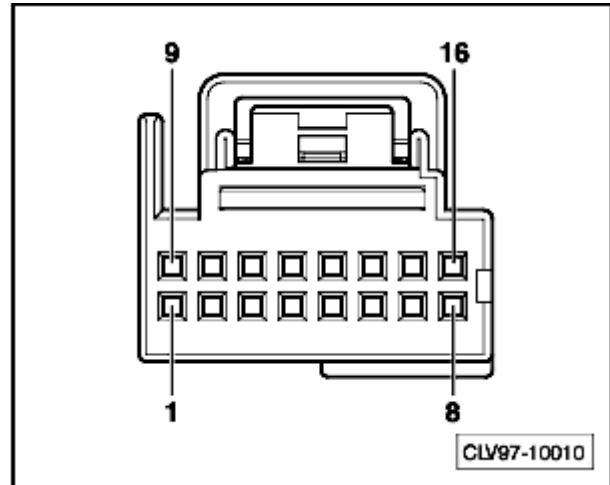
Cavity	Function	Cavity	Function
1	Mirror Dimmer Signal 1	11	Locked Indicator for Front Passengers (if equipped) LED
2	Central Lock, -SAFE- Signal	12	Central Lock, Lock Signal
3	Central Lock, Locked Signal	13	Central Lock, Unlock Signal
4	Outside Door Handle Switch Signal	15	Comfort System Line Bus
6	Ground	16	Central Lock Switch Input, Drivers Switch
7	Lock Switch Signal	18	Battery + (30a)
8	Can HI	19	Ground
9	Can Low	20	Battery + (30a)
10	Mirror Dimmer Signal 2		

Golf

Component Locations

No. 895 / 9

Connector B



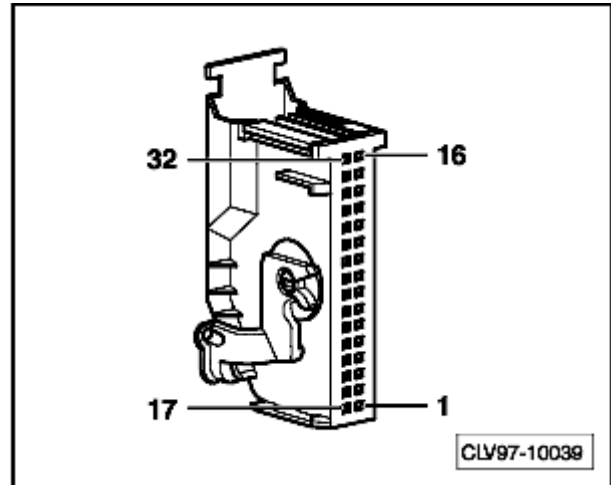
Cavity	Function	Cavity	Function
1	Interior rearview mirror horizontal adjustment position sensor	10	Entry lamp (+)
2	Position sensor (-)	11	Ground
3	Position sensor (+)	12	Rearview mirror horizontal adjustment
4	Rearview mirror vertical adjustment	13	Turn Signal input
5	Driver Mirror Adjustment Signal	14	Folding mirror (-)
7	Driver Heated Mirror Signal	15	Folding mirror (+)
8	Driver automatic dimming exterior rearview mirror signal	16	Driver automatic dimming exterior rearview mirror signal
9	Interior rearview mirror vertical adjustment position sensor		

Golf

Component Locations

No. 895 / 10

Connector C



Cavity	Function	Cavity	Function
1	Locks Status LED, Signal	21	Locks -SAFE- Status LED, Ground
2	Locks -SAFE- Status LED, Signal	23	Left Rear Window Motor, Driver Switch Signal
3	Child Protection Locks LED Status Signal 1	24	Dimmer Signal, Drivers Mirror Switch Lamps
6	Exterior Rearview Mirror Select Switch (Left or Right) Signal	25	Dimmer Signal, Drivers Switch Lamps
7	Right Rear Window Motor, Driver Switch Signal	26	Glove Box Lamp Control (if equipped)
8	Exterior Rearview Mirror Adjustment Switch (Left or Right) Signal	28	Exterior Rearview Mirror Heater Signal
13	Fuel Door Release Switch	30	Rear Lid Release Signal
14	Child Protection Locks Switch	31	Window Motor Driver's Door, Driver Switch Signal
15	Window Motor Front Passenger's Door, Driver Switch Signal	32	Lock / Unlock Signal Driver's Door Switch
20	Child Protection Locks LED Status Signal 2		

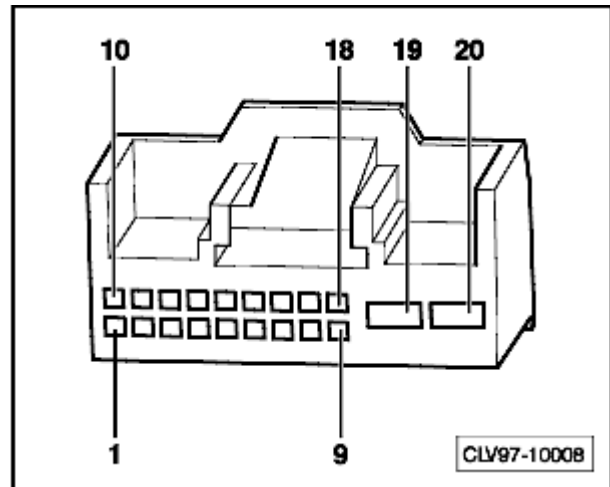
Golf

Component Locations

No. 895 / 11

Front passenger door control module -J387-

Connector A



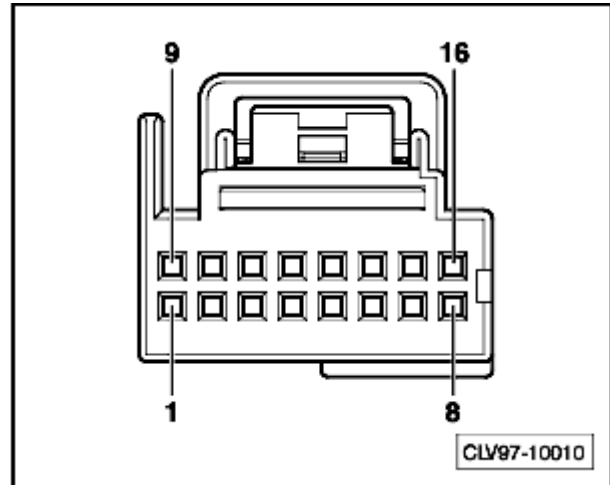
Cavity	Function	Cavity	Function
1	Mirror Dimmer Signal 1	11	Locked Indicator for Front Passengers (if equipped) LED
2	Central Lock, -SAFE- Signal	12	Central Lock, Lock Signal
3	Central Lock, Locked Signal	13	Central Lock, Unlock Signal
4	Outside Door Handle Switch Signal	15	Comfort System Line Bus
6	Ground (31)	16	Central Lock Switch Input, Drivers Switch
7	Lock Switch Signal	18	Battery + (30a)
8	Can HI	19	Ground (31)
9	Can Low	20	Battery + (30a)
10	Mirror Dimmer Signal 2		

Golf

Component Locations

No. 895 / 12

Connector B



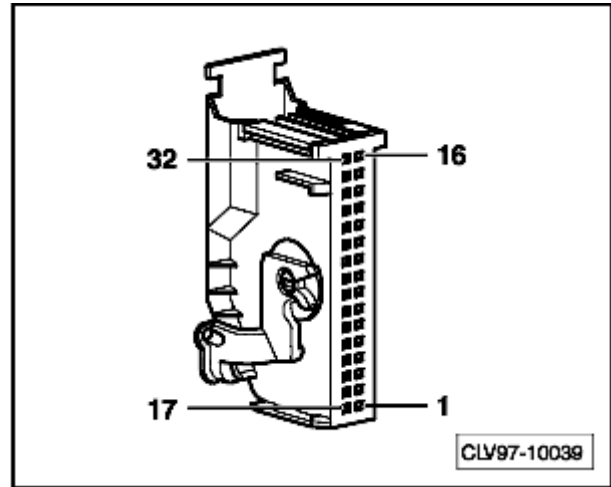
Cavity	Function	Cavity	Function
1	Interior rearview mirror horizontal adjustment position sensor	10	Entry lamp (+)
2	position sensor (-)	11	Ground
3	position sensor (+)	12	Rearview mirror horizontal adjustment
4	Rearview mirror vertical adjustment	13	Turn Signal input
5	Passenger Exterior Mirror Adjustment Signal	14	Folding mirror (-)
7	Passenger Exterior Heated Mirror Signal	15	Folding mirror (+)
9	Interior rearview mirror vertical adjustment position sensor	16	....

Golf

Component Locations

No. 895 / 13

Connector C



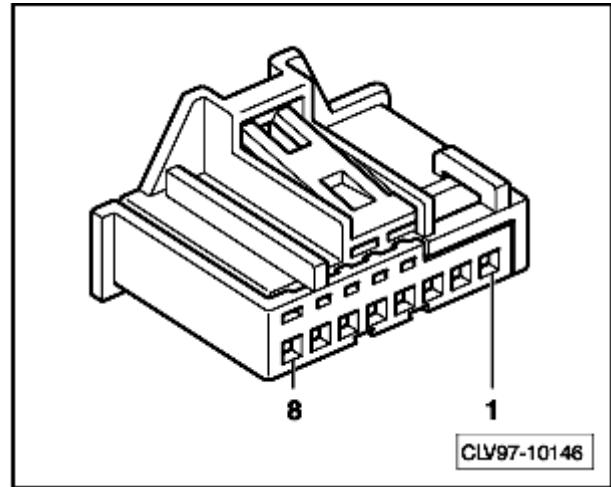
Cavity	Function	Cavity	Function
1	Locks Status LED, Signal	22	Door Contact Switch Signal
2	Locks -SAFE- Status LED, Signal	24	Dimmer Signal, Passenger Switch Lamps
15	Window Motor Front Passenger's Door, Switch Signal	25	Dimmer Signal, Passenger Window Switch Lamps
21	Locks -SAFE- Status LED, Ground	32	Lock / Unlock Signal, Front Passenger Switch

Golf

Component Locations

No. 895 / 14

Driver door contact switch -F2- / Driver central locking lock unit -F220- / Driver door central locking system motor -V56-



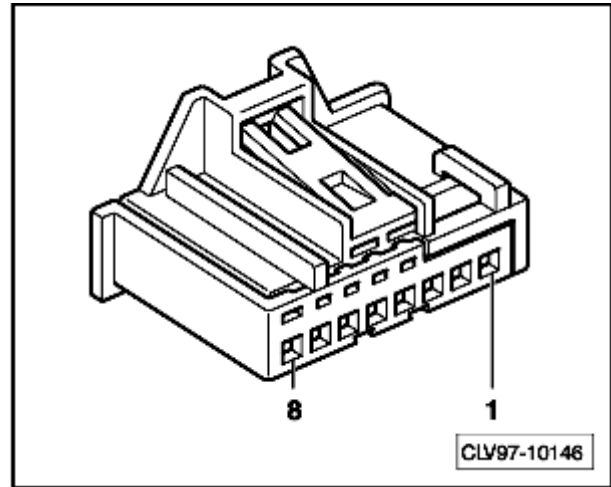
Cavity	Function	Cavity	Function
1	Central Lock Switch Input	5	Central Lock, -SAFE- Signal
2	Ground	6	Central Lock COM
3	Contact Switch Input	7	Battery + (30)
4	Central Lock, Locked Signal	8	....

Golf

Component Locations

No. 895 / 15

Front passenger door contact switch - F3- / Front passenger central locking lock unit -F221- / Front passenger door central locking system motor -V57-



Cavity	Function	Cavity	Function
1	Central Lock COM	6	Ground
2	Battery + (30)	7	....
4	Central Lock, Locked Signal	8	....
5	Contact Switch Input		

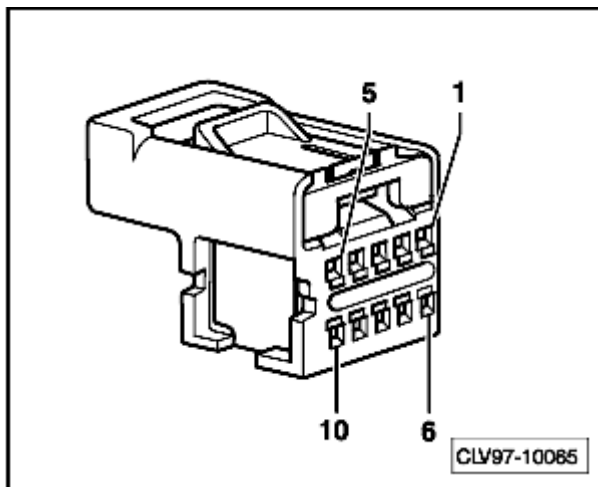
Golf

Component Locations

No. 895 / 16

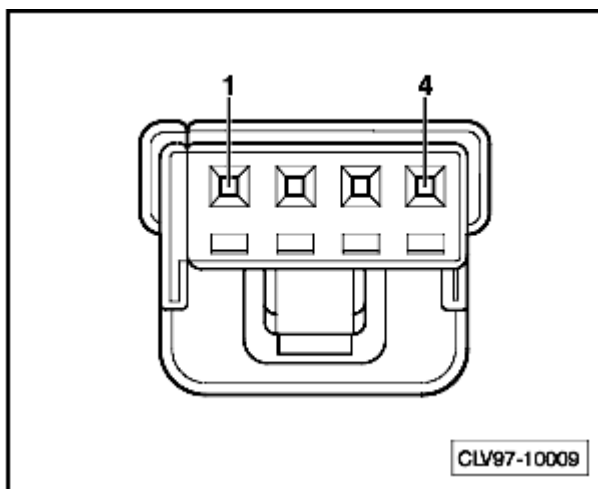
Driver Side Master Window Switch -E40- , -E81- , -E53- , -E55- , and -E318-

With Child Protection Locks



Cavity	Function	Cavity	Function
1	Child Protection Locks Switch	6	Window Motor Front Passenger's Door, Driver Switch Signal
2	Child Protection Locks LED Status Signal 1	7	Right Rear Window Motor, Driver Switch Signal
3	Dimmer Signal	8	Left Rear Window Motor, Driver Switch Signal
4	Ground (31)	9	Dimmer Signal, Drivers Switch Lamps
5	Window Motor Driver's Door, Driver Switch Signal	10	Ground (31)

Front passenger door window regulator switch -E107-



Cavity	Function
1	Ground (31)

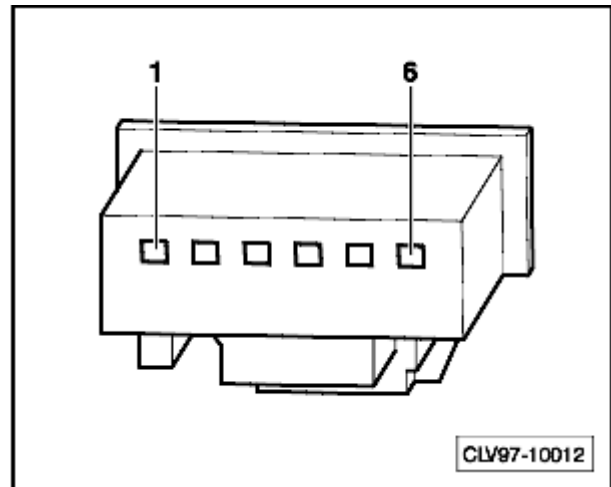
2	Lamp Dimmer Signal
4	Up / Down Signal (power)

Golf

Component Locations

No. 895 / 17

Mirror adjusting switch -E43- / Exterior rearview mirror heating switch -E231- / Mirror folding switch -E263- / Mirror selector switch -E48-



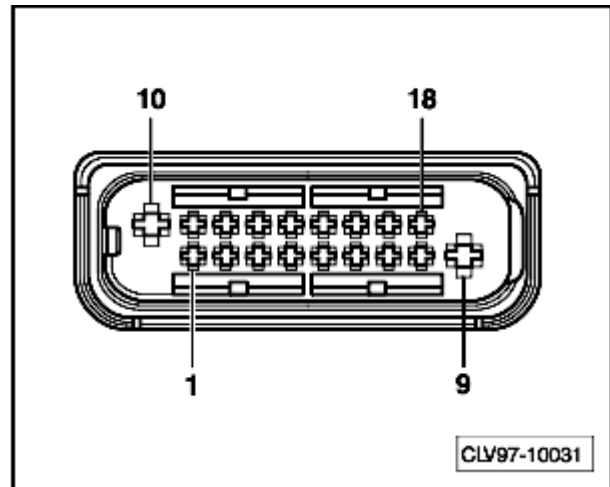
Cavity	Function	Cavity	Function
1	Exterior Rearview Mirror Adjustment Switch (Left or Right) Signal	5	Exterior Rearview Mirror Select Switch (Left or Right) Signal
2	Ground	6	Dimmer Signal, Drivers Mirror Switch Lamps
3	Exterior Rearview Mirror Heater Signal		

Golf

Component Locations

No. 895 / 18

Left rear door control module -J388- /
Right rear door control module -J389-



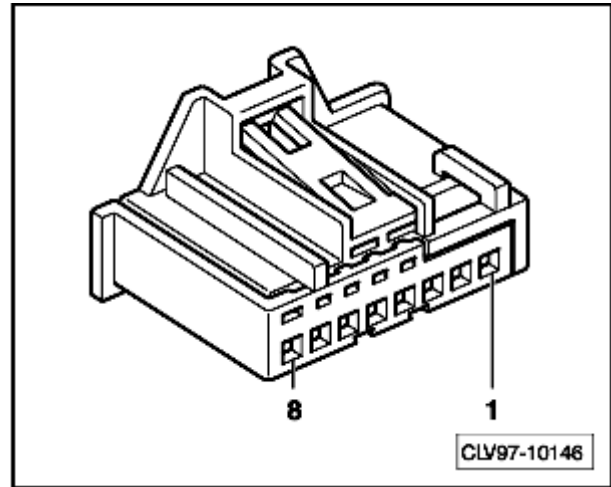
Cavity	Function	Cavity	Function
1	Ground	10	Power (30A)
2	Ground (31)	11	Power (30A)
3	Central Lock Motor Power	12	Comfort System Line Bus
4	Ground (optional)	14	Warning Lamp (optional)
5	Central Lock Motor Power	15	Central Lock Motor Power
6	Central Lock Input	16	Lamp Dimmer Signal
7	Contact Switch Input	17	Locked Indicator Lamp LED (if equipped)
8	Lock / Unlock Signal	18	Window Up / Down Signal
9	Ground (31)		

Golf

Component Locations

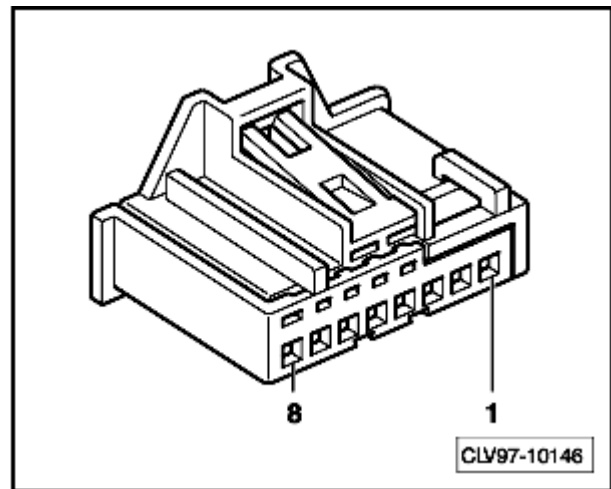
No. 895 / 19

**Left rear door contact switch -F10- /
Left rear central locking lock unit -
F222- / Left rear central locking -lock-
motor -V214-**



Cavity	Function	Cavity	Function
1	Ground	6	Battery + (30)
2	Contact Switch Input	7	....
4	Central Lock, Locked Signal	8	....
5	Central Lock COM		

**Right rear door contact switch -F11- /
Right rear central locking lock unit -
F223- / Right rear central locking -lock-
motor -V215-**



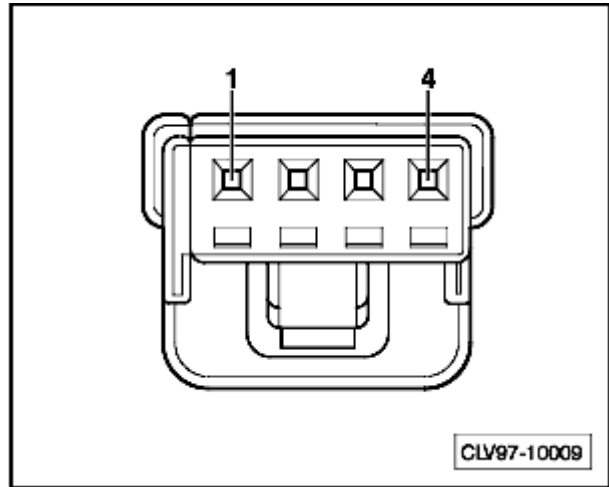
Cavity	Function	Cavity	Function
1	Central Lock COM	6	Ground
2	Battery + (30)	7	....
4	Central Lock, Locked Signal	8	....
5	Contact Switch Input		

Golf

Component Locations

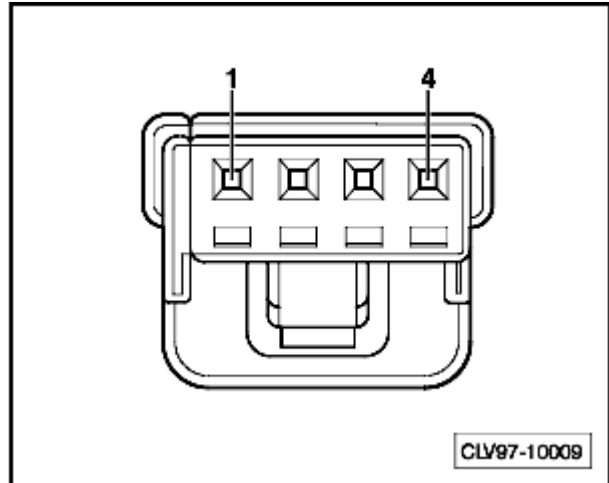
No. 895 / 20

Left rear power window switch in left rear door -E52-



Cavity	Function
1	Ground (31)
2	Lamp Dimmer Signal
4	Up / Down Signal (power)

Right rear window switch in right rear door -E54-



Cavity	Function
1	Ground (31)
2	Lamp Dimmer Signal
4	Up / Down Signal (power)

Golf VI

Component Locations

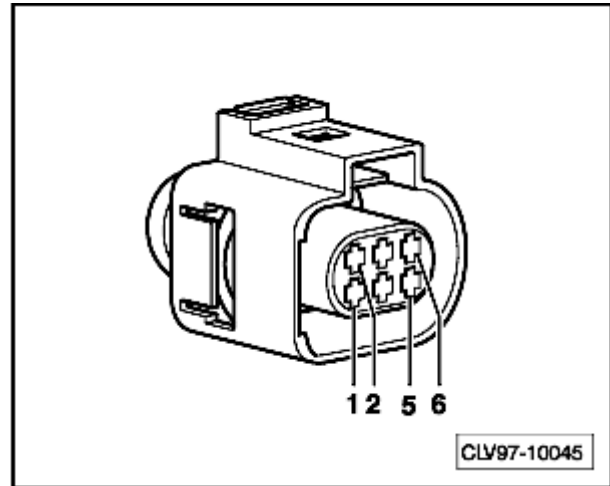
No. 885 / 1

Edition 08.2010

Engine Management System - Connector Views

EGR vacuum regulator solenoid valve -N18- / EGR potentiometer -G212-

TDI engine



Cavity	Function	Cavity	Function
1	5 Volts, power	4	...
2	Solenoid valve, ground	5	Potentiometer, signal
3	Potentiometer, ground	6	Solenoid valve, power

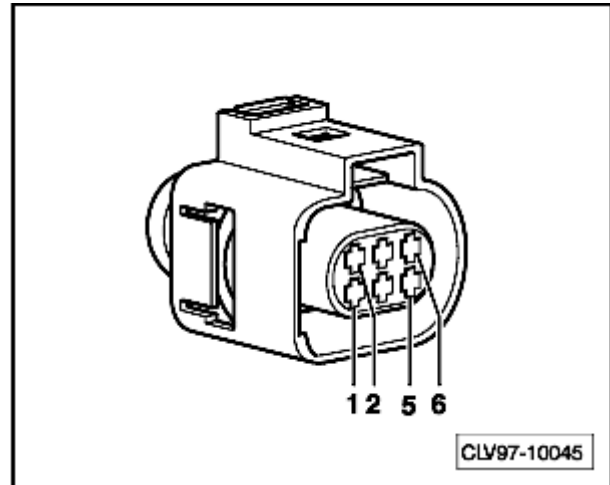
Golf VI

Component Locations

No. 885 / 2

Valve 2 for EGR -N213- /Exhaust gas recirculation position sensor 2 -G466-

TDI engine



Cavity	Function	Cavity	Function
1	5 Volts, power	4	...
2	Solenoid valve, ground	5	Potentiometer, signal
3	Potentiometer, ground	6	Solenoid valve, power

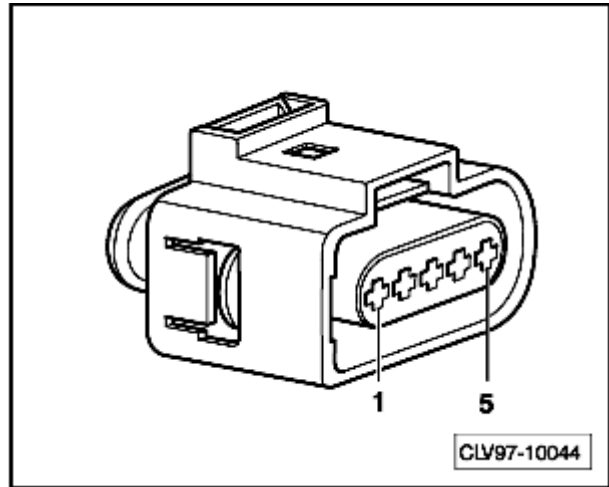
Golf VI

Component Locations

No. 885 / 3

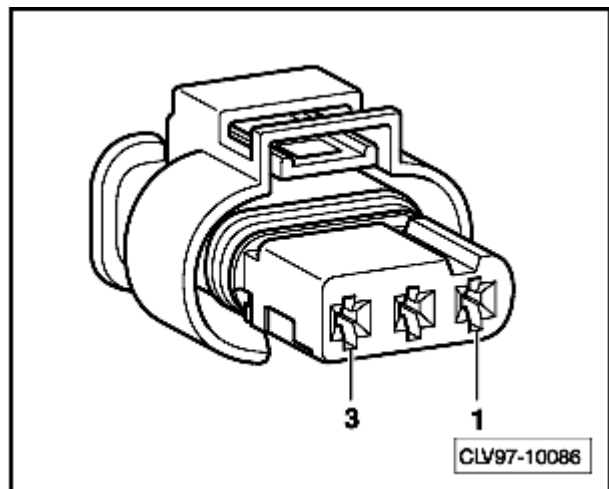
Intake flap motor -V157- /Intake manifold runner position sensor -G336-

TDI engine



Cavity	Function	Cavity	Function
1	5 Volts, power	4	Solenoid valve, ground
2	Potentiometer, signal	5	Solenoid valve, power
3	Potentiometer, ground		

2.0L engines



Cavity	Function
1	Power supply, Sensor
2	Signal monitor, sensor
3	Ground, Sensor

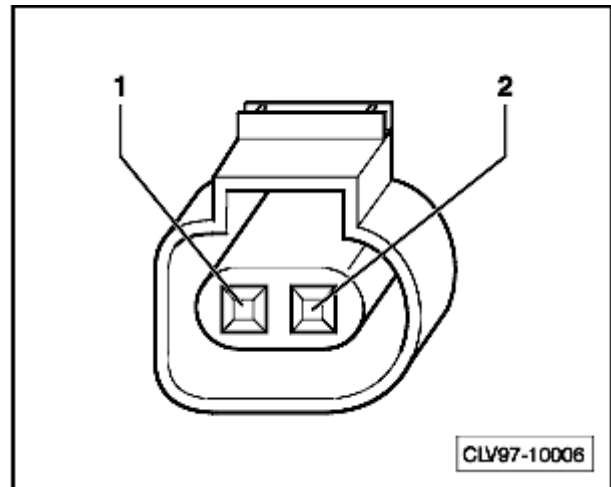
Golf VI

Component Locations

No. 885 / 4

EGR temperature sensor -G98-

TDI engine



Cavity	Function
1	Signal (-)
2	Signal (+)

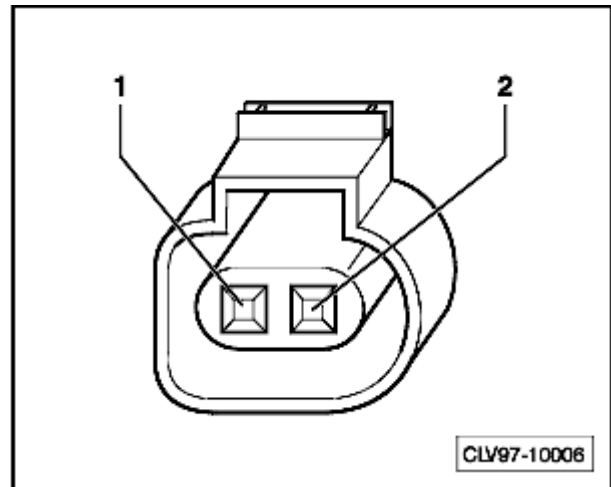
Golf VI

Component Locations

No. 885 / 5

Exhaust gas temperature sensor 4 -G648-

TDI engine



Cavity	Function
1	Signal (-)
2	Signal (+)

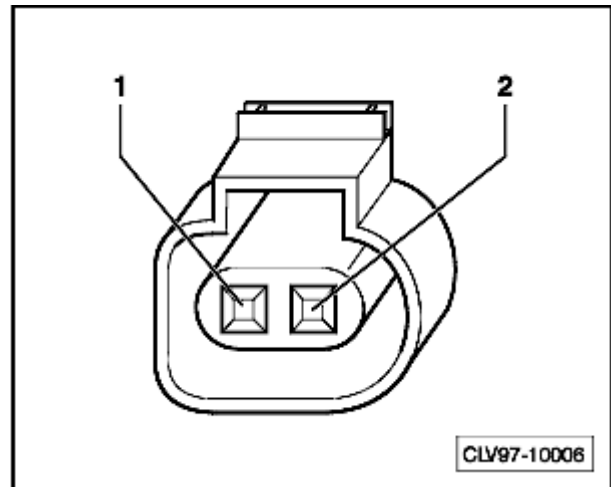
Golf VI

Component Locations

No. 885 / 6

Exhaust gas temperature sensor 1 -G235-

TDI engine



Cavity	Function
1	Signal (-)
2	Signal (+)

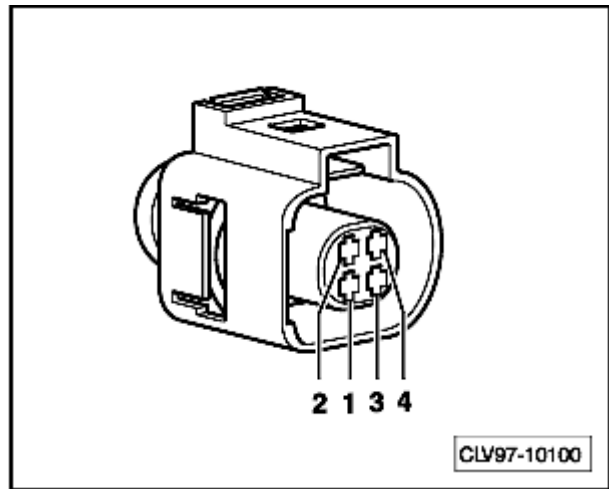
Golf VI

Component Locations

No. 885 / 7

Brake lamp switch -F-

All engines



Cavity	Function	Cavity	Function
1	Signal, output	3	Signal, output
2	Ground, sensor	4	Power, sensor

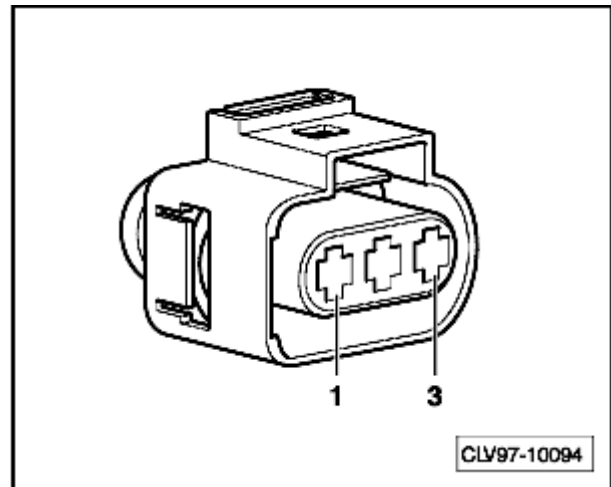
Golf VI

Component Locations

No. 885 / 8

Exhaust pressure sensor 1 -G450-

TDI engine



Cavity	Function
1	5 volt, sensor
2	Ground, sensor
3	Signal, sensor

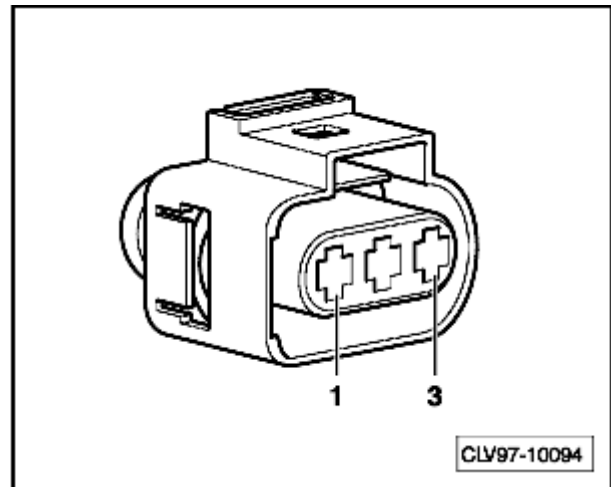
Golf VI

Component Locations

No. 885 / 9

Differential pressure sensor -G505-

TDI engine



Cavity	Function
1	5 volt, sensor
2	Ground, sensor
3	Signal, sensor

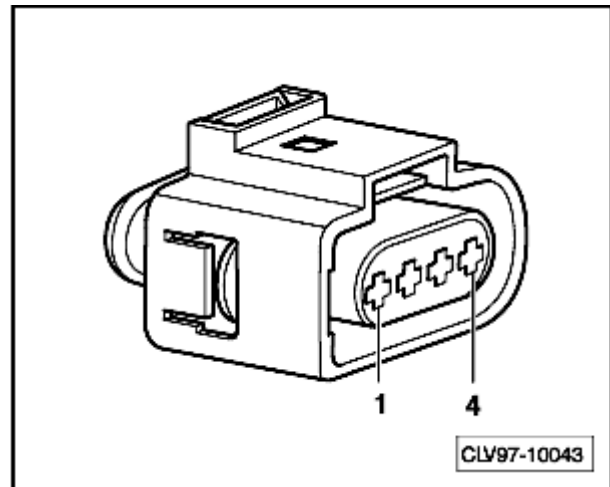
Golf VI

Component Locations

No. 885 / 10

Charge air pressure sensor -G31- / Intake air temperature sensor -G42-

TDI and 2.5L engines



Cavity	Function	Cavity	Function
1	Ground	3	5 volt
2	Signal, temperature sensor	4	Signal, sensor

2.0L engines Charge air pressure sensor -G31-

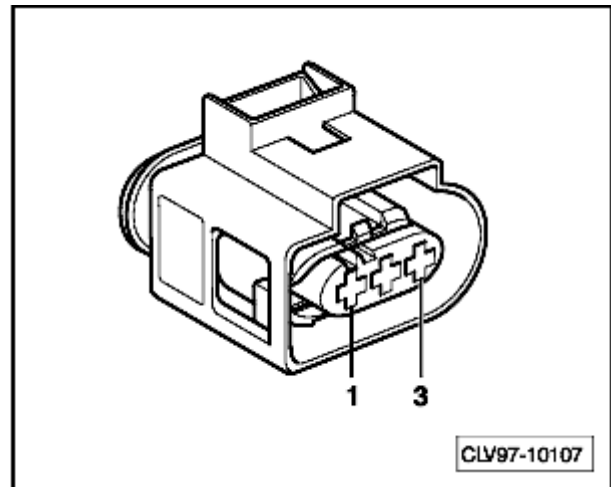
Cavity	Function	Cavity	Function
1	Ground	3	5 volt
2	...	4	Signal, sensor

2.0L engines Intake air temperature sensor -G42-

Cavity	Function
1	Signal input, sensor
2	Signal output, sensor

Golf VI**Component Locations****No. 885 / 11****Fuel pressure sensor -G247-**

TDI and 2.0L engines



Cavity	Function
1	Ground, sensor
2	Signal, sensor
3	5 volt, sensor

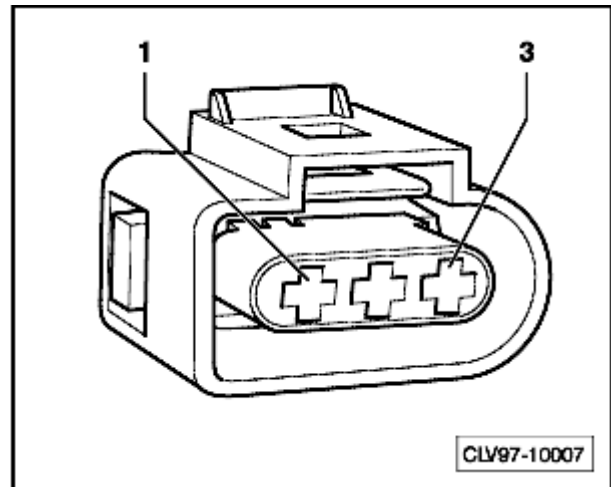
Golf VI

Component Locations

No. 885 / 12

Engine speed sensor -G28-

TDI and 2.5L engines



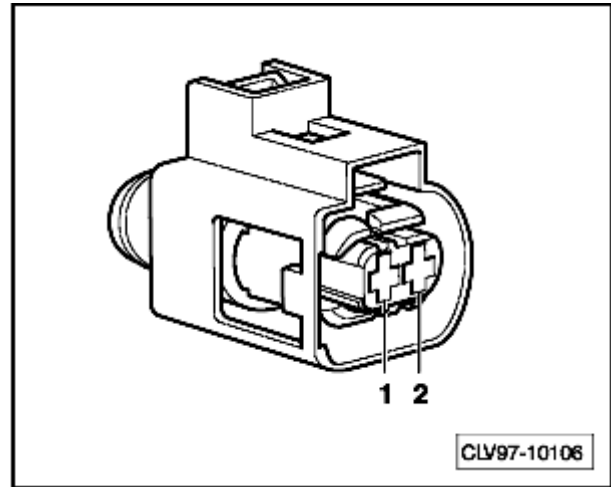
Cavity	Function
1	5 volt, sensor
2	Signal, sensor
3	Ground, sensor

Golf VI

Component Locations

No. 885 / 13

2.0L engines



Cavity	Function
1	Ground
2	Power

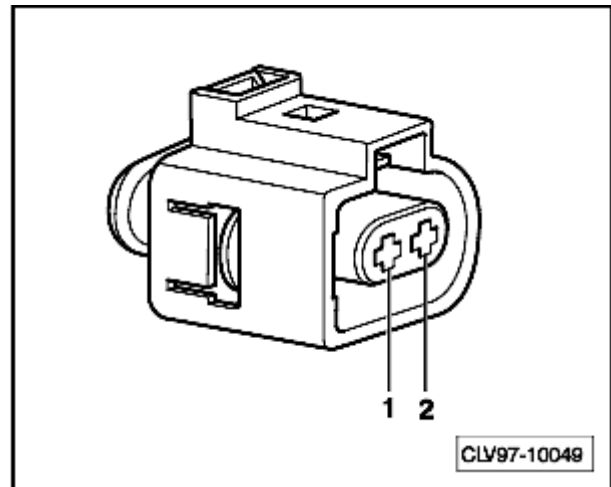
Golf VI

Component Locations

No. 885 / 14

Wastegate bypass regulator valve -N75-

TDI and 2.0L engines



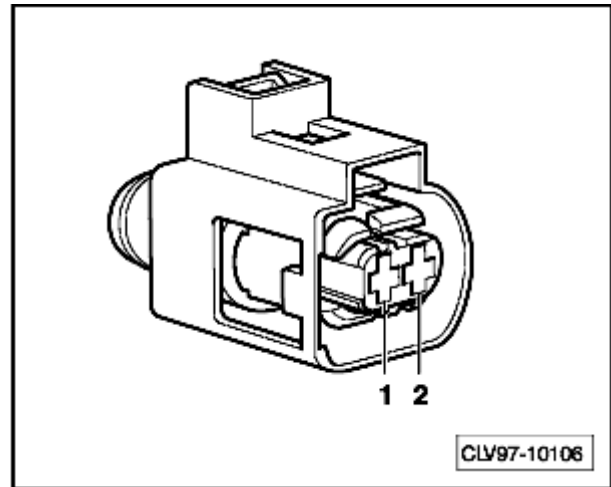
Cavity	Function
1	Power
2	Ground

Golf VI**Component Locations****No. 885 / 15**

Cylinder 1 fuel injector -N30- / Cylinder 2 fuel injector -N31- / Cylinder 3 fuel injector -N32- / Cylinder 4 fuel injector -N33- / Cylinder 5 fuel injector -N83-

TDI and 2.5L engines

TDI engines



Cavity	Function
1	Ground
2	Power

2.5L engines

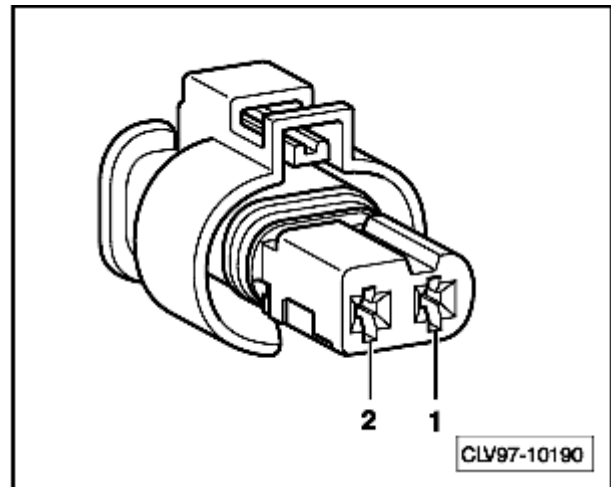
Cavity	Function
1	Power
2	Ground

Golf VI

Component Locations

No. 885 / 16

2.0L engines



Cavity	Function
1	Power
2	Ground

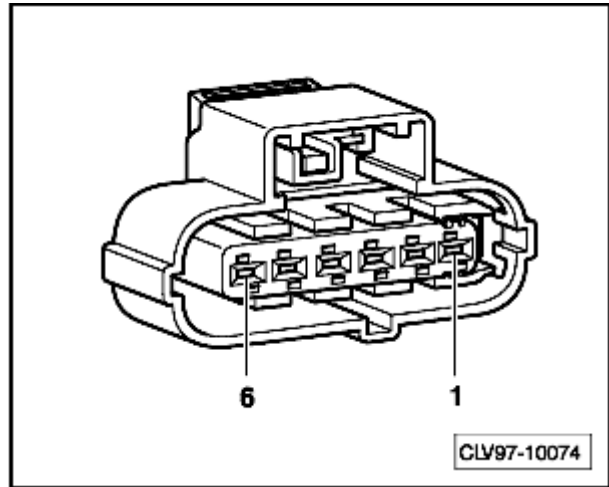
Golf VI

Component Locations

No. 885 / 17

Accelerator pedal position sensor 2 -G185- / Accelerator pedal position sensor -G79-

All engines



Cavity	Function	Cavity	Function
1	5 volt, sensor 2	4	Signal, sensor 1
2	5 volt, sensor 1	5	Ground, sensor 2
3	Ground, sensor 2	6	Signal, sensor 2

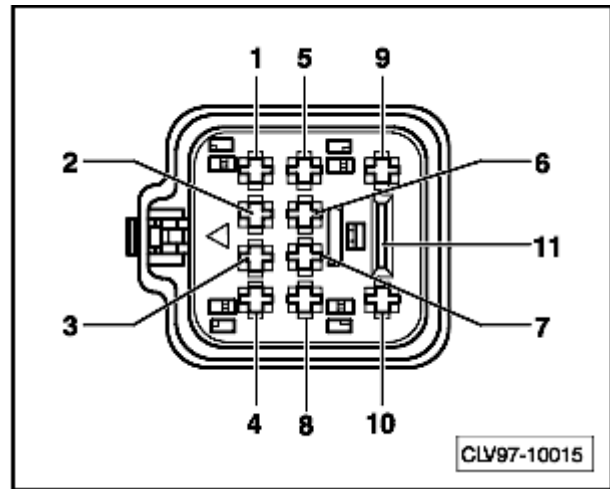
Golf VI

Component Locations

No. 885 / 18

Automatic glow time control module -J179-

TDI engine



Cavity	Function	Cavity	Function
G1	Glow 1, power	DT	Signal, Diagnoses
G2	Glow 2, power	ST	Signal, Control
G3	Glow 3, power	30	Voltage Supply
G4	Glow 4, power	10	...
87	Signal (+), Sensor	11	...
31	Ground, Sensor		

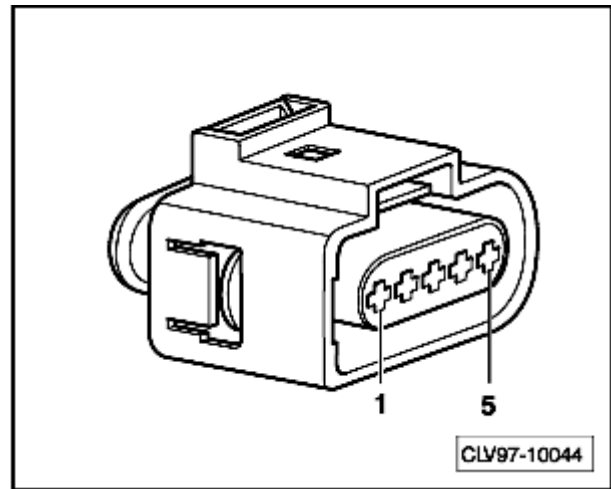
Golf VI

Component Locations

No. 885 / 19

Mass airflow sensor -G70-

TDI engine



Cavity	Function	Cavity	Function
1	Signal, sensor (Air-mass)	4	Ground, sensor
2	Signal, sensor (temperature)	5	Voltage supply
3	...		

2.0L engines

Cavity	Function	Cavity	Function
1	Signal, sensor (Air-mass)	4	...
2	Ground, Sensor	5	...
3	Voltage Supply		

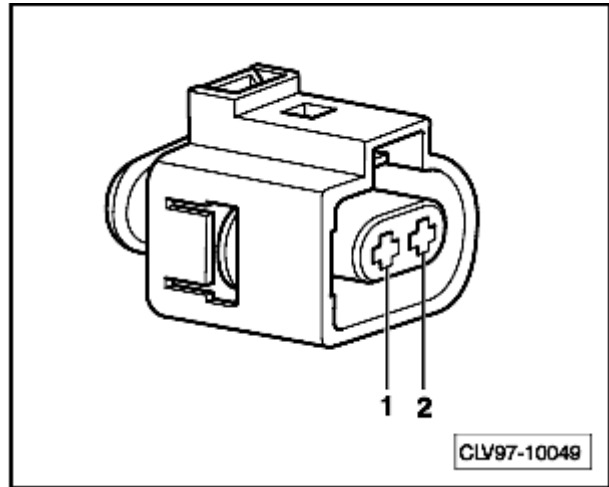
Golf VI

Component Locations

No. 885 / 20

Positive crankcase ventilation heating element - N79-

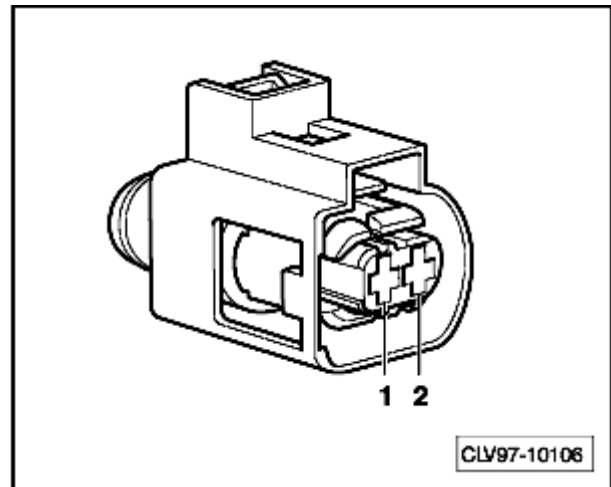
TDI engine



Cavity	Function
1	Power
2	Ground

Golf VI**Component Locations****No. 885 / 21****Fuel pressure regulator valve -N276-**

TDI engine



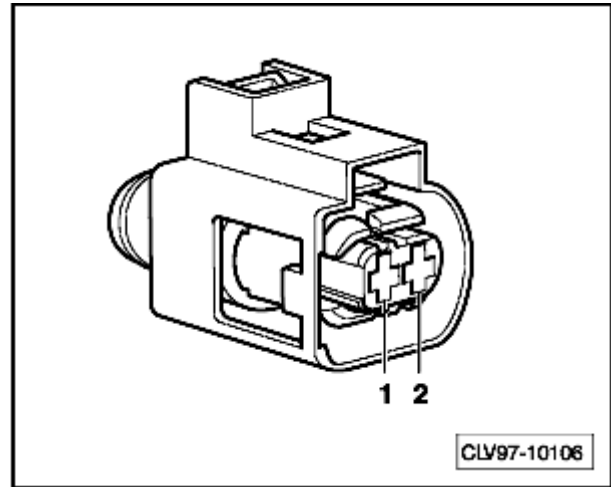
Cavity	Function
1	Ground
2	Power

Golf VI

Component Locations

No. 885 / 22

2.0L engines



Cavity	Function
1	Power
2	Ground

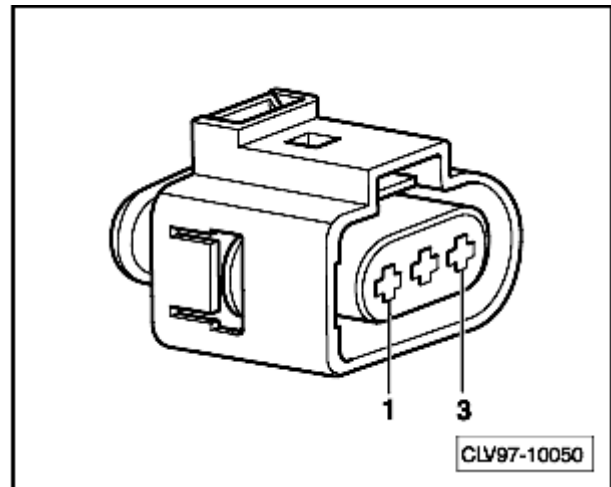
Golf VI

Component Locations

No. 885 / 23

Camshaft position sensor -G40-

TDI and 2.5L engines



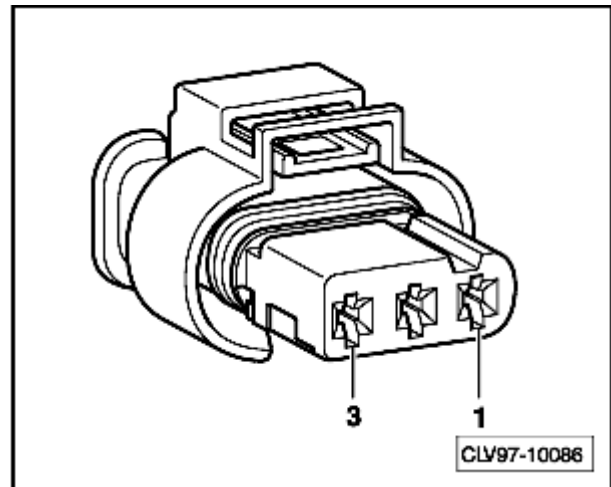
Cavity	Function
1	5 Volt, Sensor
2	Signal, Sensor
3	Ground, sensor

Golf VI

Component Locations

No. 885 / 24

2.0L engines



Cavity	Function
1	5 Volt, Sensor
2	Signal, Sensor
3	Ground, sensor

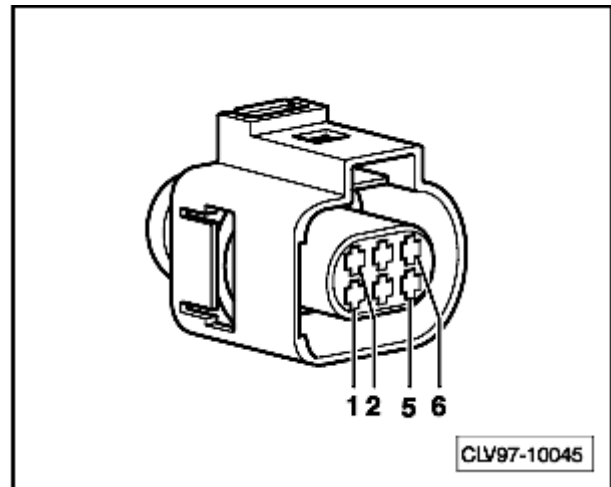
Golf VI

Component Locations

No. 885 / 25

Heated oxygen sensor -G39- / Oxygen sensor heater -Z19-

TDI and 2.0L - CBFA and 2.5L engines



Cavity	Function	Cavity	Function
1	Voltage Supply	4	Heater, Voltage (H+)
2	Ground, Sensor	5	Trim Current (RT)
3	Heater, Ground (H -)	6	Voltage, sensor (RE+)

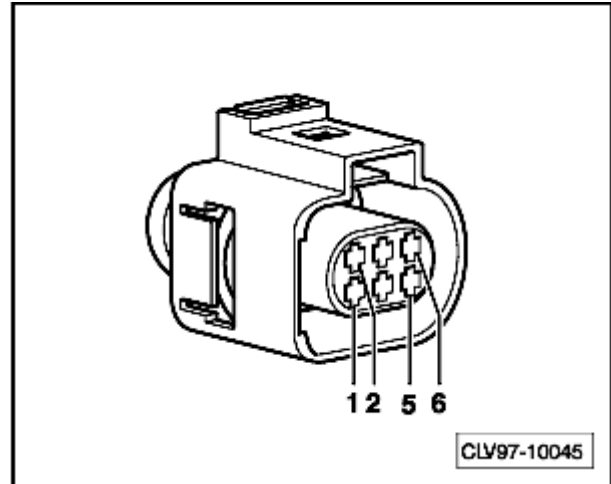
Golf VI

Component Locations

No. 885 / 26

Oxygen sensor after three way catalytic converter -G130- / Heater for oxygen sensor 1 after catalytic converter -Z29-

TDI engine



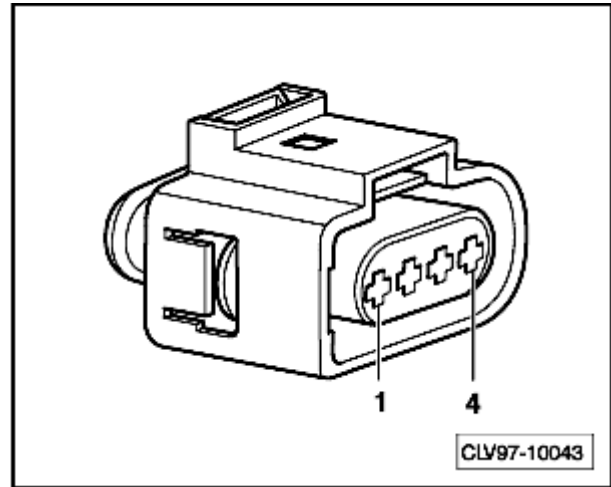
Cavity	Function	Cavity	Function
1	Voltage Supply	4	Heater, Voltage (H+)
2	Ground, Sensor	5	Trim Current (RT)
3	Heater, Ground (H -)	6	Voltage, sensor (RE+)

Golf VI

Component Locations

No. 885 / 27

Gas engines



Cavity	Function	Cavity	Function
1	Heater, Voltage (H+)	3	Ground, Sensor
2	Heater, Ground (H -)	4	Signal, Sensor

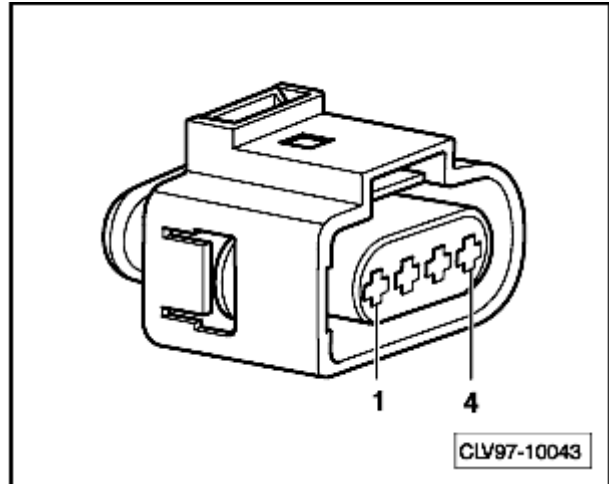
Golf VI

Component Locations

No. 885 / 28

Oxygen sensor in bank 1 center three way catalytic converter -G465- / Oxygen sensor 3 heater -Z62-

Gas engines



Cavity	Function	Cavity	Function
1	Heater, Voltage (H+)	3	Ground, Sensor
2	Heater, Ground (H -)	4	Signal, Sensor

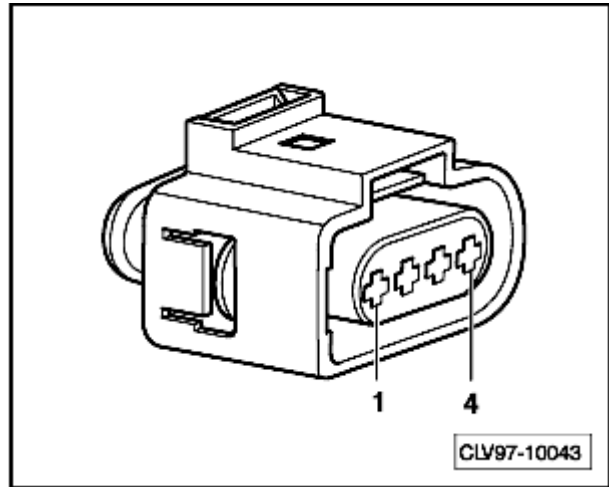
Golf VI

Component Locations

No. 885 / 29

Heated oxygen sensor 2 -G108- / Oxygen sensor 2 heater -Z28-

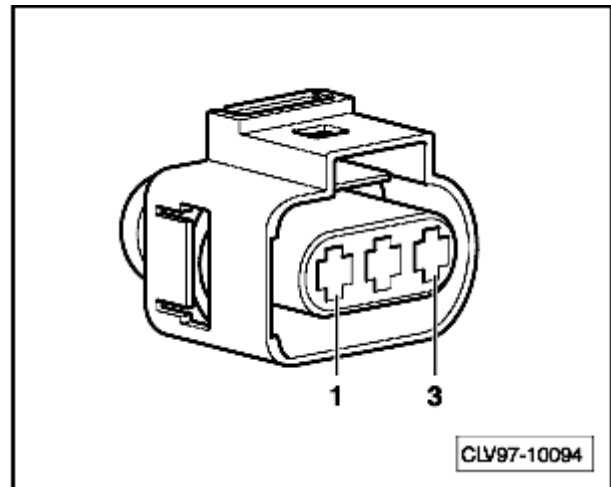
2.0L - CBFA engine



Cavity	Function	Cavity	Function
1	Heater, Voltage (H+)	3	Ground, Sensor
2	Heater, Ground (H -)	4	Signal, Sensor

Golf VI**Component Locations****No. 885 / 30****Charge pressure actuator position sensor -
G581-**

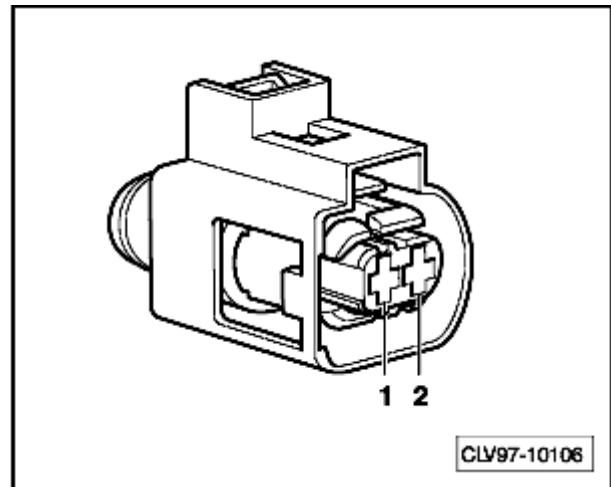
TDI engine



Cavity	Function
1	Ground, sensor
2	Signal, Sensor
3	5 Volt, Sensor

Golf VI**Component Locations****No. 885 / 31****Fuel metering valve -N290-**

TDI engine



Cavity	Function
1	Ground
2	Power

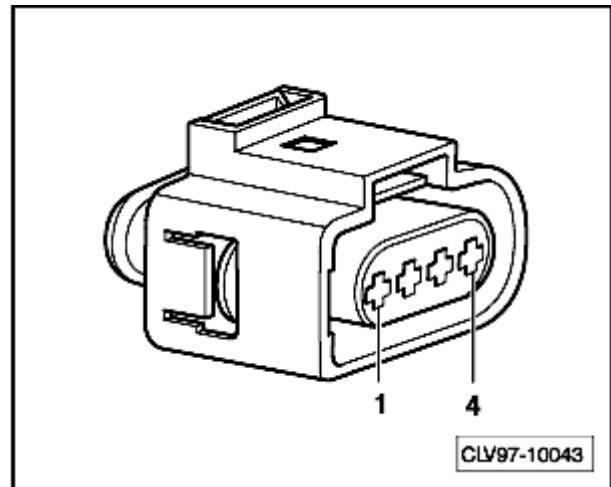
Golf VI

Component Locations

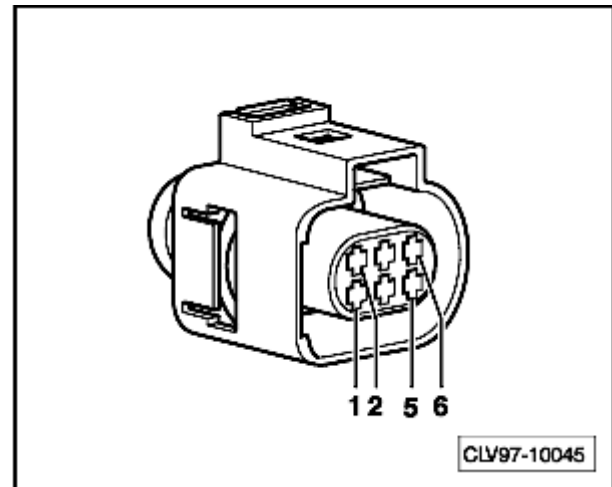
No. 885 / 32

Throttle valve control module -J338-

TDI engine



Cavity	Function	Cavity	Function
1	Ground, sensor	3	PWM signal, sensor
2	Voltage supply, sensor	4	Signal status, sensor

Golf VI**Component Locations****No. 885 / 33****Gas engines****2.0L engines**

Cavity	Function	Cavity	Function
1	Signal monitor, sensor 2	4	Signal monitor, sensor 1
2	Signal (+), sensor 1+2	5	Voltage Supply, motor
3	Ground, motor	6	Signal (-), sensor 1+2

2.5L engines

Cavity	Function	Cavity	Function
1	Signal monitor, sensor 2	4	Signal monitor, sensor 1
2	Signal (+), sensor 1+2	5	Ground, motor
3	Voltage Supply, motor	6	Signal (-), sensor 1+2

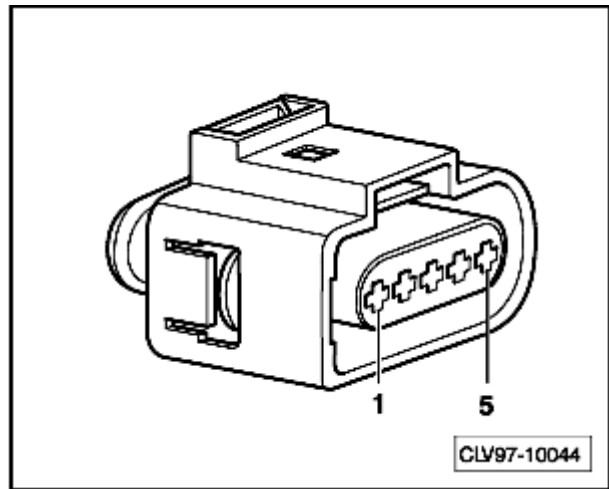
Golf VI

Component Locations

No. 885 / 34

Exhaust door control unit -J883-

TDI engine



Cavity	Function	Cavity	Function
1	5 volt, power	4	Motor +
2	Sensor, signal	5	Motor -
3	Ground		

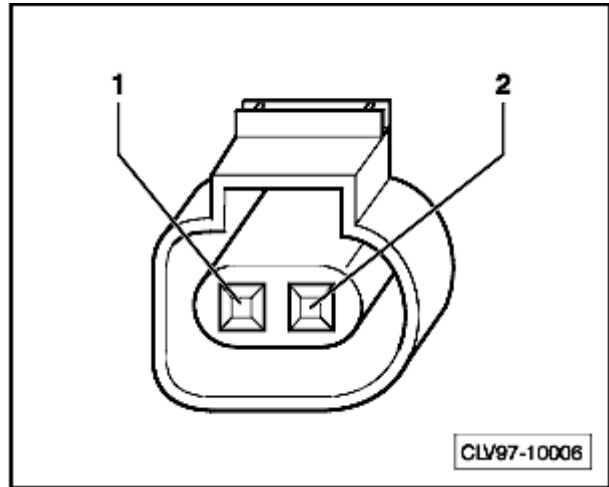
Golf VI

Component Locations

No. 885 / 35

Engine coolant temperature sensor on radiator - G83-

All engines



Cavity	Function
1	Signal input, sensor
2	Signal output, sensor

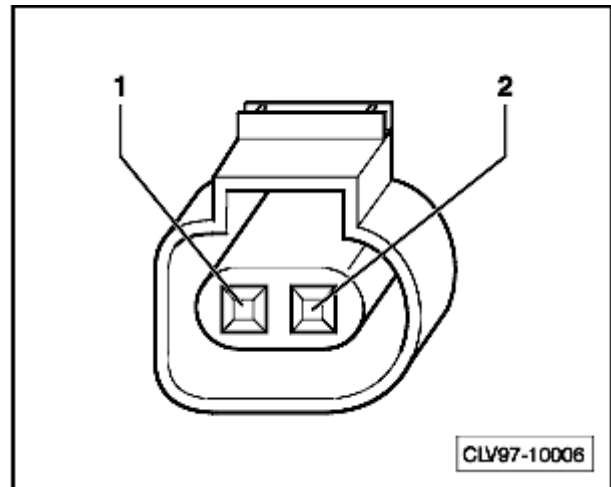
Golf VI

Component Locations

No. 885 / 36

Engine coolant temperature sensor -G62-

All engines



Cavity	Function
1	Signal input, sensor
2	Signal output, sensor

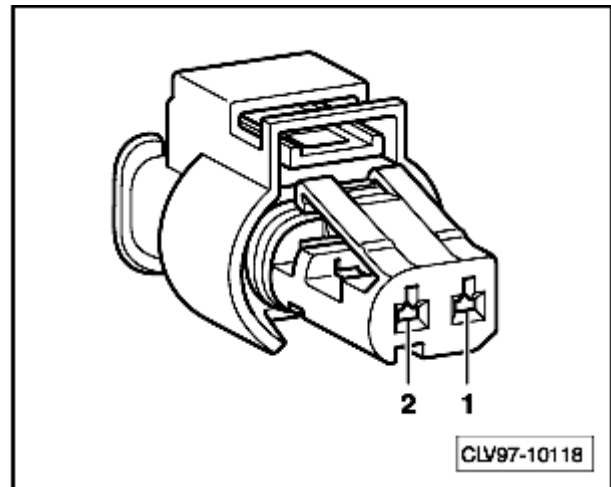
Golf VI

Component Locations

No. 885 / 37

Fuel temperature sensor -G81-

TDI engine



Cavity	Function
1	Ground, sensor
2	Signal, sensor

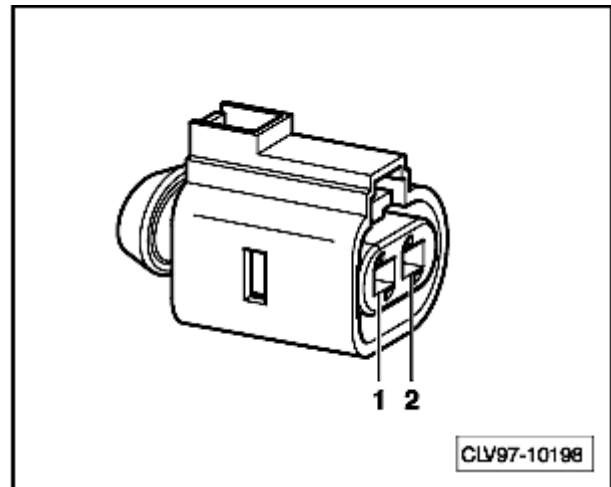
Golf VI

Component Locations

No. 885 / 38

Exhaust gas temperature sensor 3 -G495-

TDI engine



Cavity	Function
1	Ground, sensor
2	Signal, sensor

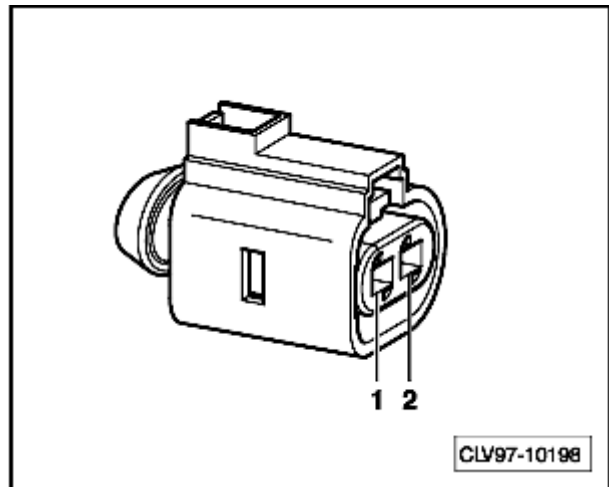
Golf VI

Component Locations

No. 885 / 39

Exhaust gas temperature sensor 2 -G448-

TDI engine



Cavity	Function
1	Ground, sensor
2	Signal, sensor

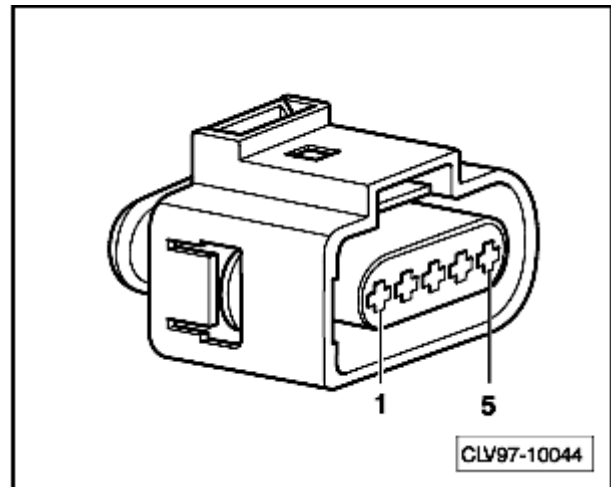
Golf VI

Component Locations

No. 885 / 40

Clutch position sensor -G476-

All engines



Cavity	Function	Cavity	Function
1	Ground, sensor	4	Signal, Interlock
2	Signal, GRA	5	Power, sensor
3	...		

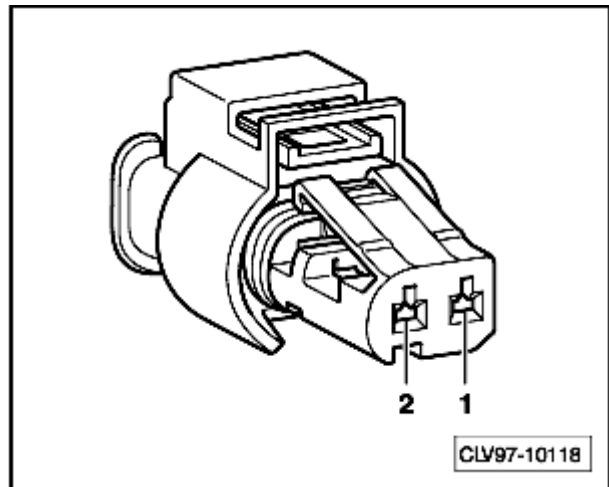
Golf VI

Component Locations

No. 885 / 41

EVAP canister purge regulator valve 1 -N80-

2.0L engines



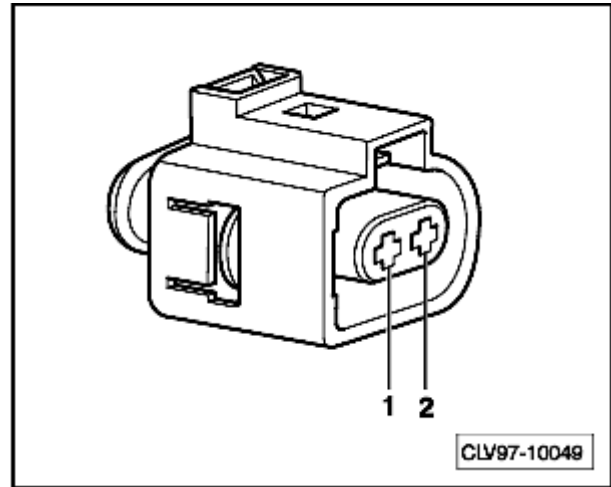
Cavity	Function
1	Power, sensor
2	Ground, sensor

Golf VI

Component Locations

No. 885 / 42

2.5L engines



Cavity	Function
1	Power, sensor
2	Ground, sensor

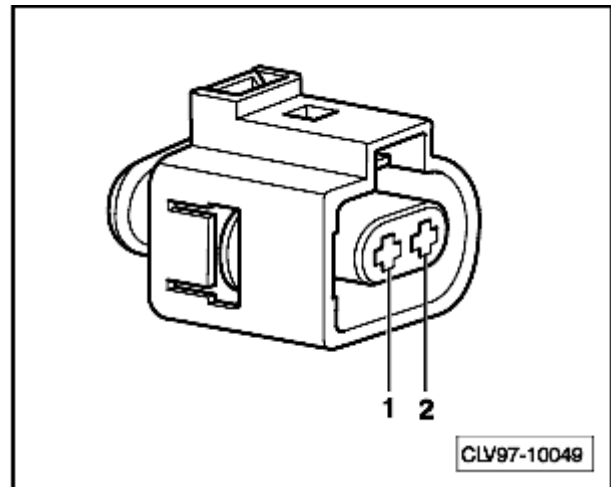
Golf VI

Component Locations

No. 885 / 43

Intake manifold runner control valve -N316-

2.0L engines



Cavity	Function
1	Power
2	Ground

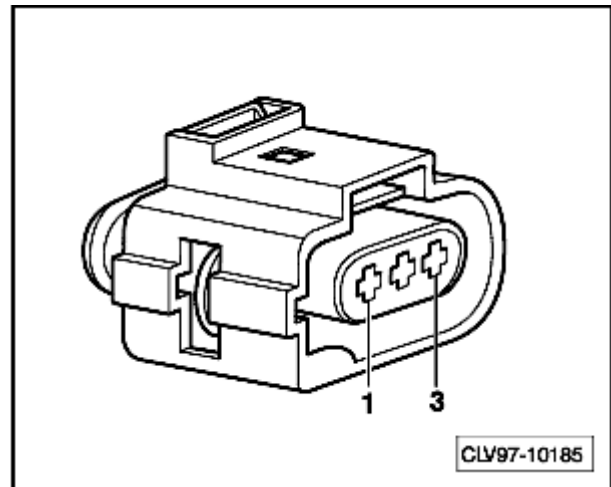
Golf VI

Component Locations

No. 885 / 44

Knock sensor 1 -G61-

Gas engines



Cavity	Function
1	Power supply, Sensor
2	Ground, Sensor
3	Monitor, sensor

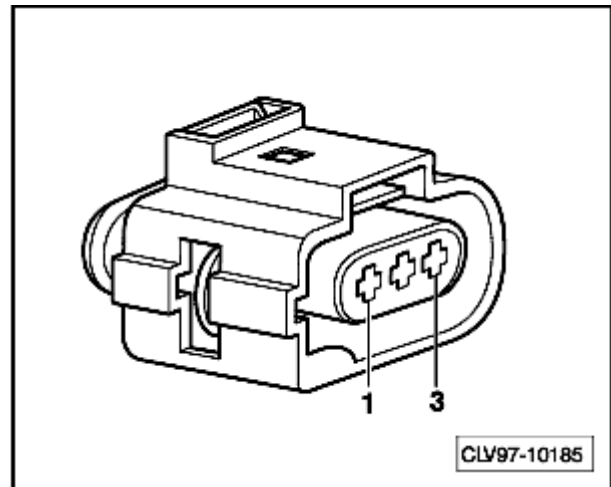
Golf VI

Component Locations

No. 885 / 45

Knock sensor 2 -G66-

Gas engines



Cavity	Function
1	Power supply, Sensor
2	Ground, Sensor
3	Monitor, sensor

Golf VI

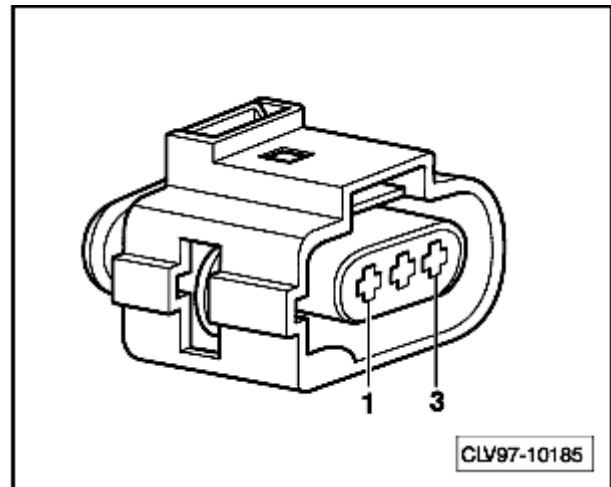
Component Locations

No. 885 / 46

Leak detection pump -V144-

Gas engines

CCTA



Cavity	Function
1	Signal, Sensor
2	Power supply
3	Ground

CBFA/CBTA/CBUA

Cavity	Function
1	Signal, Sensor
2	Ground
3	Power supply

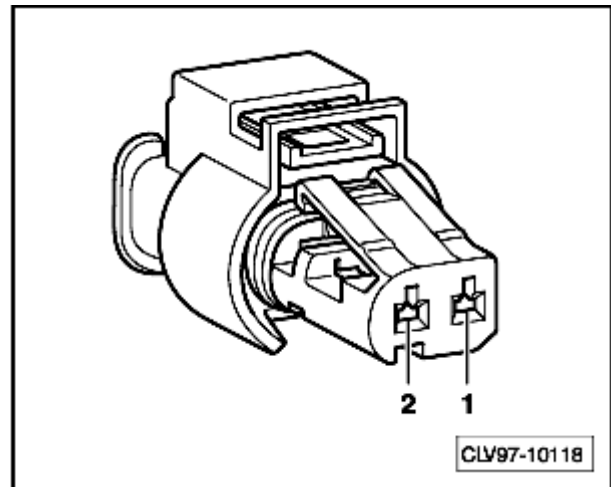
Golf VI

Component Locations

No. 885 / 47

Camshaft adjustment valve 1 -N205-

2.0L engines



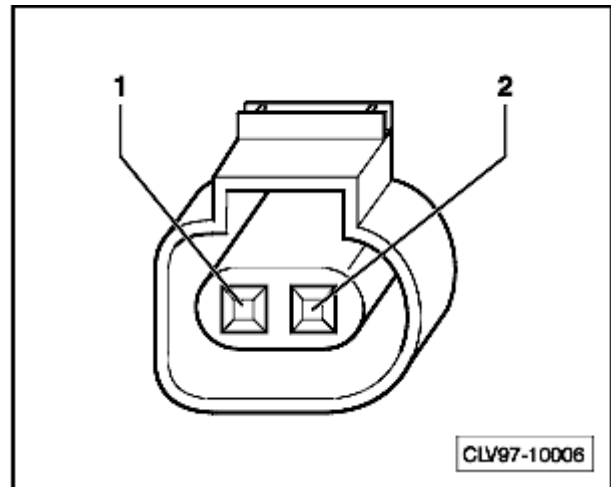
Cavity	Function
1	Power
2	Ground

Golf VI

Component Locations

No. 885 / 48

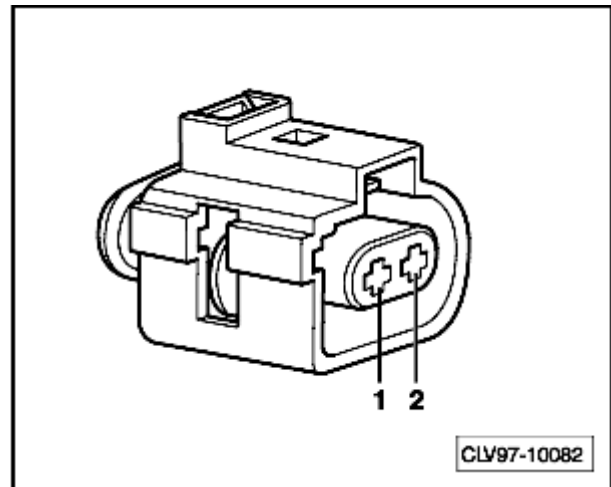
2.5L engines



Cavity	Function
1	Ground
2	Power

Golf VI**Component Locations****No. 885 / 49****Turbocharger recirculation valve -N249-**

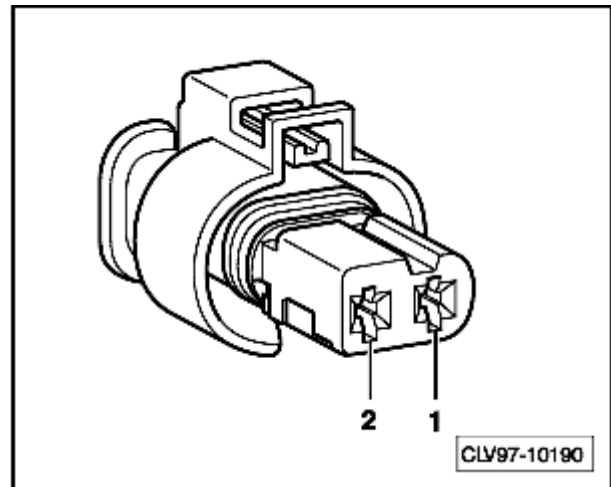
2.0L engines



Cavity	Function
1	Power
2	Ground

Golf VI**Component Locations****No. 885 / 50****Secondary air injection solenoid valve -N112-**

2.0L- CBFA and 2.5Lengines



Cavity	Function
1	Power
2	Ground

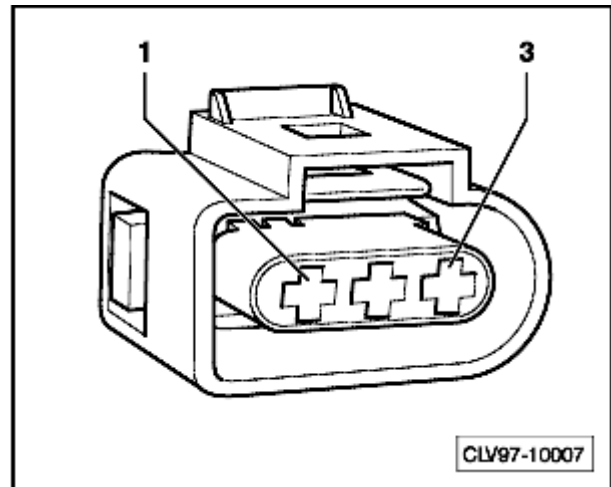
Golf VI

Component Locations

No. 885 / 51

Radiator identification sensor -G611-

2.0L- CBFA engine



Cavity	Function
1	Ground
2	Signal
3	Power

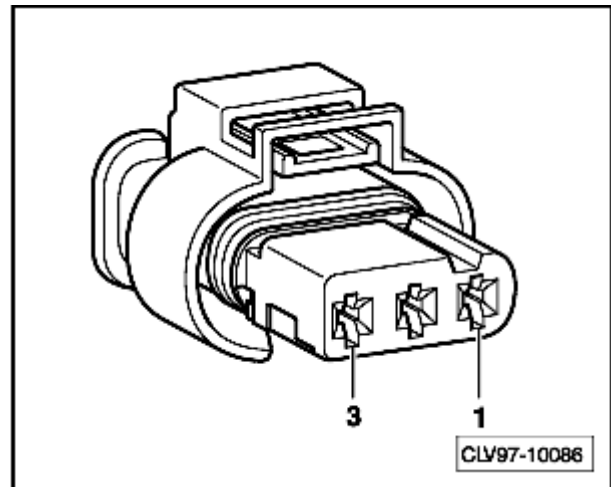
Golf VI

Component Locations

No. 885 / 52

Secondary air injection sensor 1 -G609-

2.0L- CBFA engine



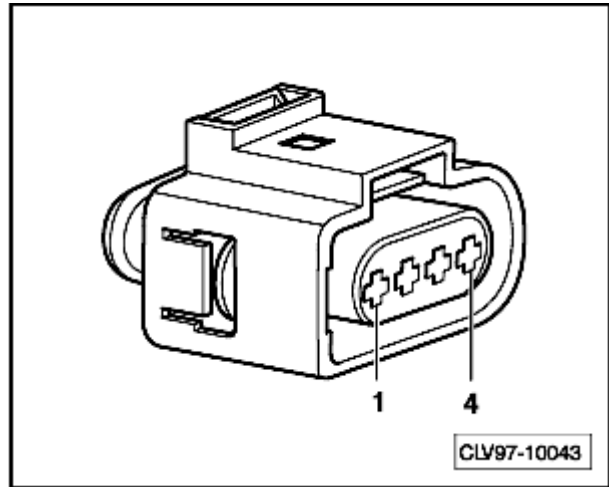
Cavity	Function
1	Power
2	Signal
3	Ground

Golf VI

Component Locations

No. 885 / 53

2.5L- CBUA engine



Cavity	Function	Cavity	Function
1	Ground	3	Power
2	...	4	Signal

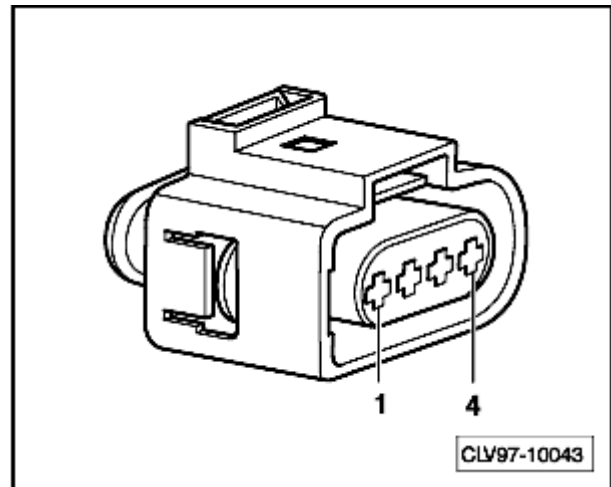
Golf VI

Component Locations

No. 885 / 54

Manifold absolute pressure sensor -G71-

2.5L- engines



Cavity	Function	Cavity	Function
1	Ground	3	Power
2	Signal, temperature sensor	4	Signal, sensor

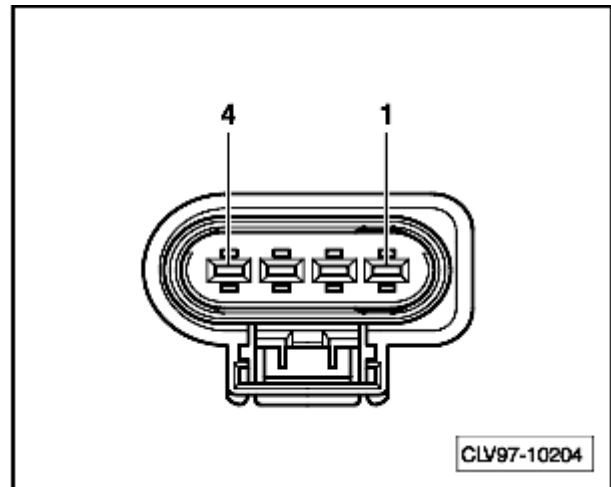
Golf VI

Component Locations

No. 885 / 55

Ignition coil 1 with power output stage -N70- /
 Ignition coil 2 with power output stage -N127- /
 Ignition coil 3 with power output stage -N291- /
 Ignition coil 4 with power output stage -N292- /
 Ignition coil 5 with power output stage -N323-

Gas engines



Cavity	Function	Cavity	Function
1	Power	3	Module ground
2	Chassis ground	4	Coil ground

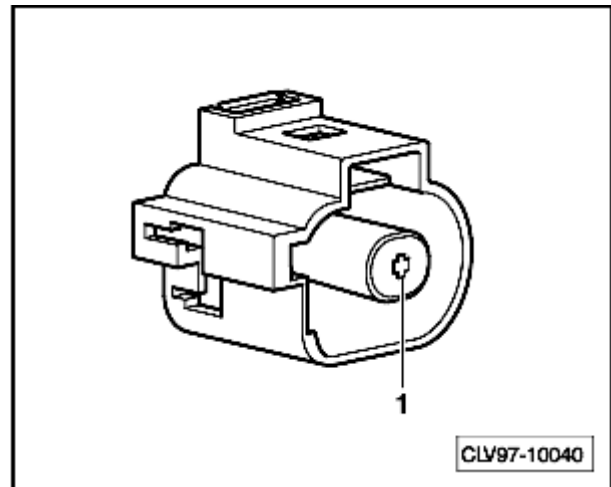
Golf VI

Component Locations

No. 885 / 56

Reduced oil pressure switch -F378-

2.0L- CCTA engine



Cavity	Function
1	Power Supply, Sensor

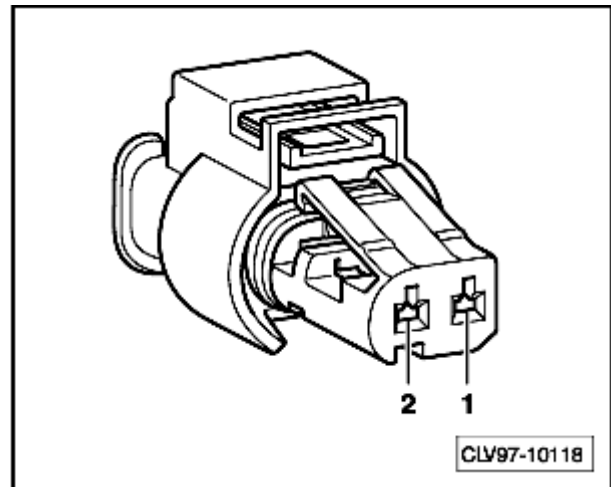
Golf VI

Component Locations

No. 885 / 57

Oil pressure regulation valve -N428-

2.0L- CCTA engine



Cavity	Function
1	Ground, sensor
2	Power Supply, sensor

Golf

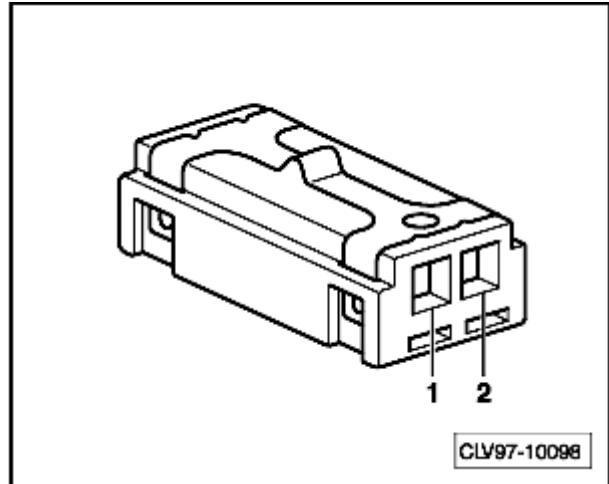
Component Locations

No. 887 / 1

Edition 10.2010

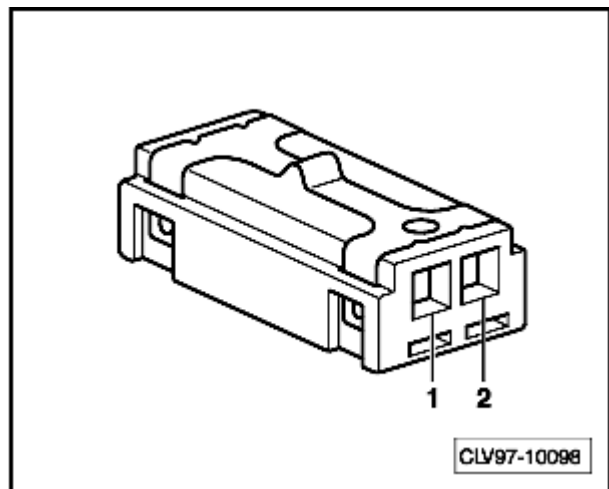
Parking Aid System

Rear parking aid warning buzzer -H15-



Cavity	Function
1	Signal (+), sensor
2	Signal (-), sensor

Front parking aid warning buzzer -H22-



Cavity	Function
1	Signal (+), sensor
2	Signal (-), sensor

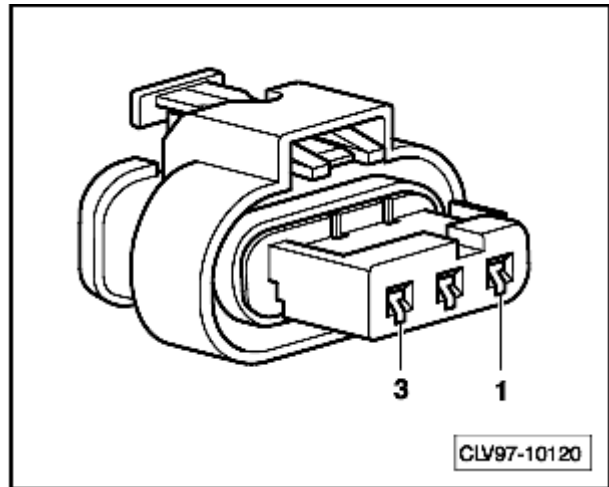
Golf

Component Locations

No. 887 / 2

Parking sensors : Front (G252, G253, G254, G255, G568, G569)

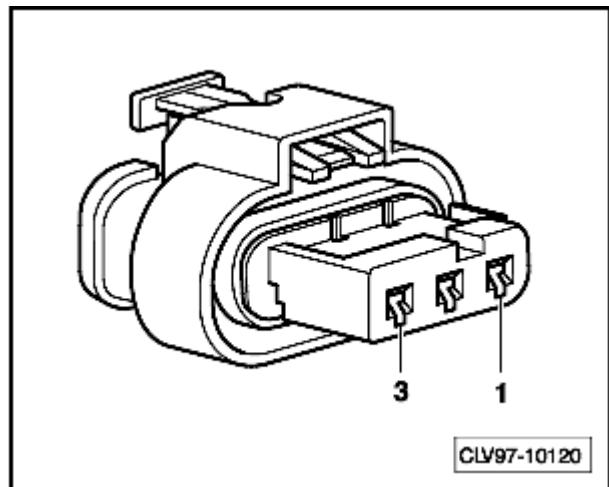
Front Parking Sensors



Cavity	Function
1	Signal return, sensor
2	Signal, sensor
3	Ground, Sensor

Parking sensors : Rear (G203, G204, G205, G206)

Rear Parking Sensors



Cavity	Function
1	Signal return, sensor
2	Signal, sensor
3	Ground, Sensor

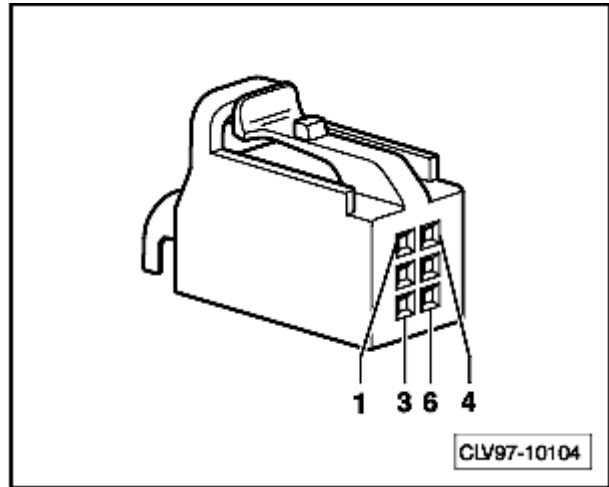
Golf

Component Locations

No. 887 / 3

Parking aid button -E266-

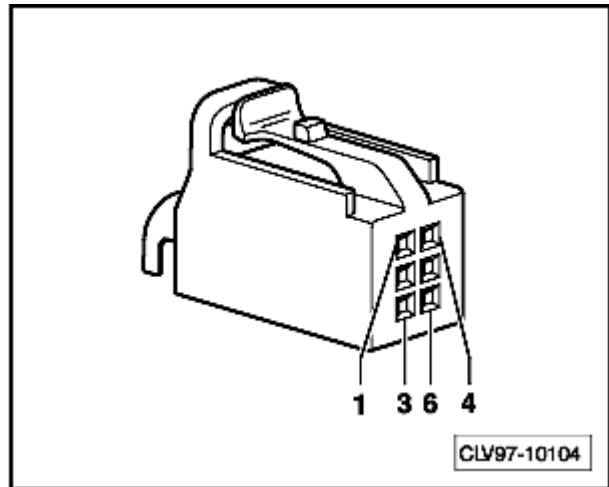
Parking Aid Button



Cavity	Function	Cavity	Function
1	Ground (31), LED	4	Ground (31), sensor
2	Power LED	5	On/Off LED
3	Dimmer signal (58d), Sensor	6	Dimmer ground (31), sensor

Parallel parking assistance button -E581-

Parallel Parking Aid Button



Cavity	Function	Cavity	Function
1	Ground (31), LED	4	Ground (31), sensor
2	Power LED	5	On/Off LED
3	Dimmer signal (58d), Sensor	6	Dimmer ground (31), sensor

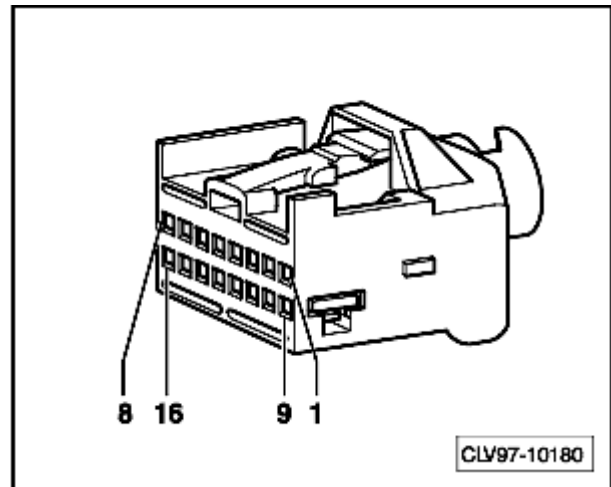
Golf

Component Locations

No. 887 / 4

Parking aid control module -J446-

Connector A - 16 pins



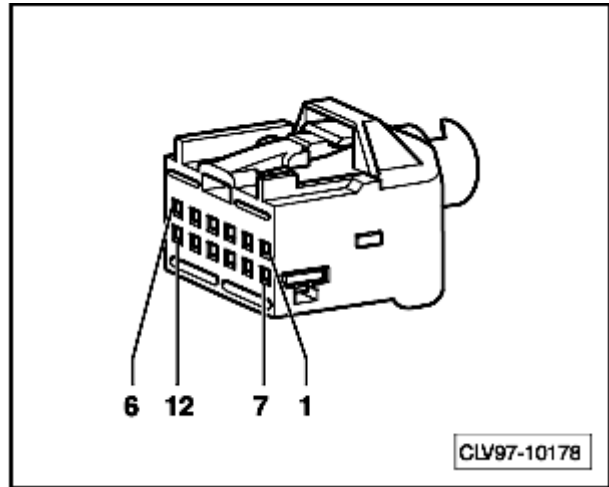
Cavity	Function	Cavity	Function
1	Ignition power (15)	9	Signal, LED
2	Signal, Rear Buzzer	10	Signal, Rear Buzzer
3	....	11	....
4	On/Off	12	....
5	....	13	Signal, LED
6	CAN-H	14	....
7	.....	15	CAN-L
8	Ground (31), Module	16	Switch input

Golf

Component Locations

No. 887 / 5

Connector B - 12 pins



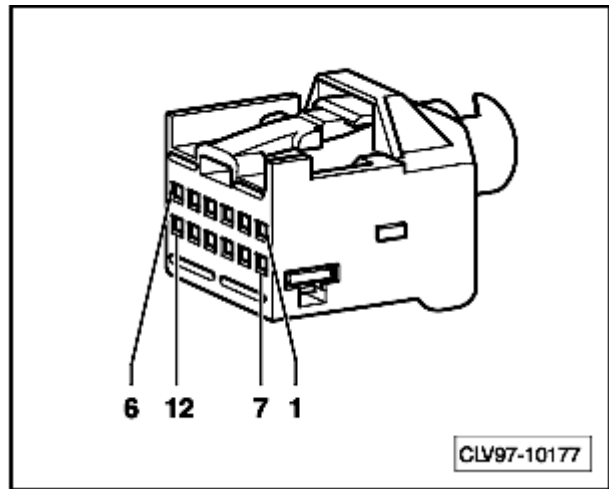
Cavity	Function	Cavity	Function
1	Ground, Front Sensors	7	Signal, sensor (Right front center)
2	Signal Return, Rear Sensors	8	Signal, sensor (Right front)
3	Signal (-), Front Buzzer	9	....
4	Signal (+), Front Buzzer	10	....
5	Signal, sensor (Left front)	11	....
6	Signal, sensor (Left front center)	12	....

Golf

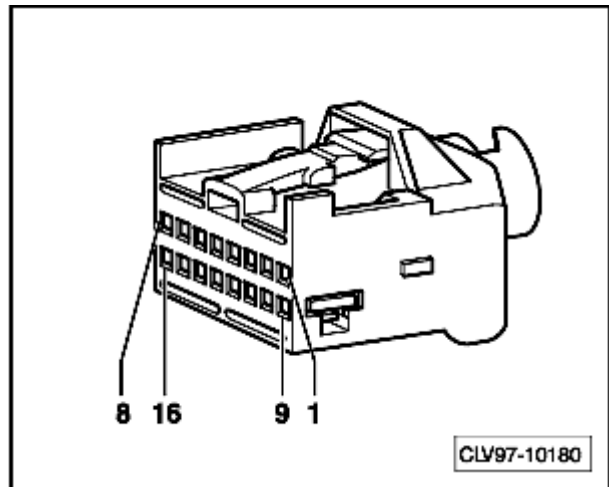
Component Locations

No. 887 / 6

Connector C - 12 pins



Cavity	Function	Cavity	Function
1	....	7	....
2	Signal, Sensor (Right rear center)	8	Ground, Rear Sensors
3	Signal, Sensor (Left rear center)	9	....
4	Signal, Sensor (Right rear)	10	....
5	Signal, Sensor (Left rear)	11	Signal Return, Rear Sensors
6	....	12	....

Golf**Component Locations****No. 887 / 7****Parallel parking assistance control module - J791-****Connector A - 16 pins**

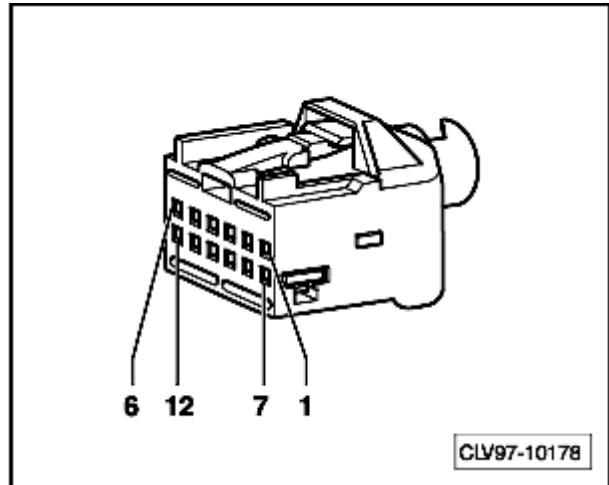
Cavity	Function	Cavity	Function
1	Ignition power (15)	9	Signal, LED
2	Signal, sensor (-) Rear Buzzer	10	Signal, sensor (+) Rear Buzzer
3	....	11	....
4	On/Off	12	....
5	....	13	Signal, LED
6	CAN-H	14	....
7	....	15	CAN-L
8	Ground (31), Module	16	Switch input

Golf

Component Locations

No. 887 / 8

Connector B - 12 pins



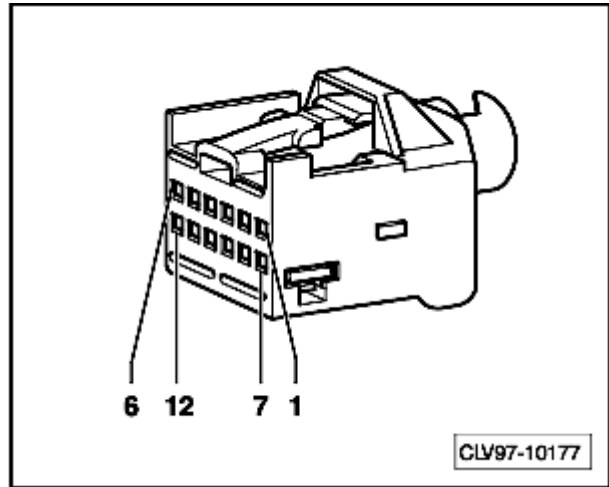
Cavity	Function	Cavity	Function
1	Ground, Front Sensors	7	Signal, Sensor (Right front center)
2	Signal Return, Front Sensors	8	Signal, Sensor (Right front)
3	Signal (-), Sensor (Front Buzzer)	9	Signal, Sensor (Left front parallel parking assistance sensor)
4	Signal (+), Sensor (Front Buzzer)	10	Signal, Sensor (Right front parallel parking assistance sensor)
5	Signal, Sensor (Left front)	11	....
6	Signal, Sensor (Left front center)	12	....

Golf

Component Locations

No. 887 / 9

Connector C - 12 pins



Cavity	Function	Cavity	Function
1	....	7	....
2	Signal, Sensor (Right rear center)	8	Ground, Rear Sensors
3	Signal, Sensor (Left rear center)	9	....
4	Signal, Sensor (Right rear)	10	.... (Signal, Sensor optional)
5	Signal, Sensor (Left rear)	11	Signal Return, Rear Sensors
6	.... (Signal, Sensor optional)	12	....

Golf

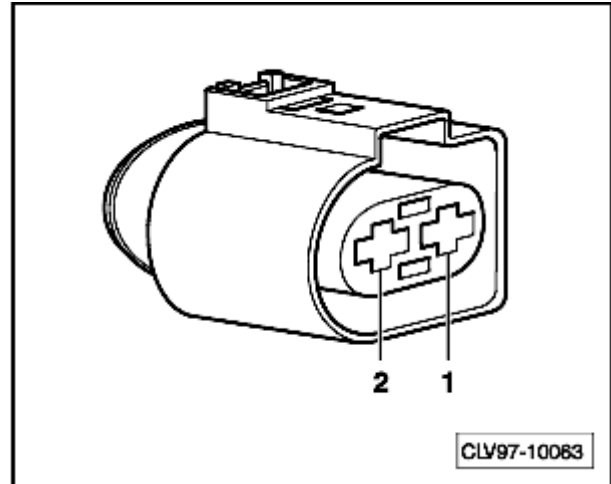
Component Locations

No. 897 / 1

Edition 09.2010

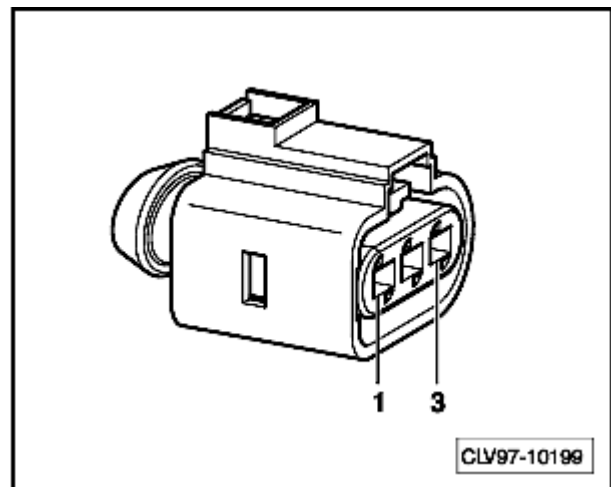
Steering System - Connector Views

Power steering control module -J500- Power Steering



Cavity	Function
1	Power, battery
2	Ground

3 - Pins



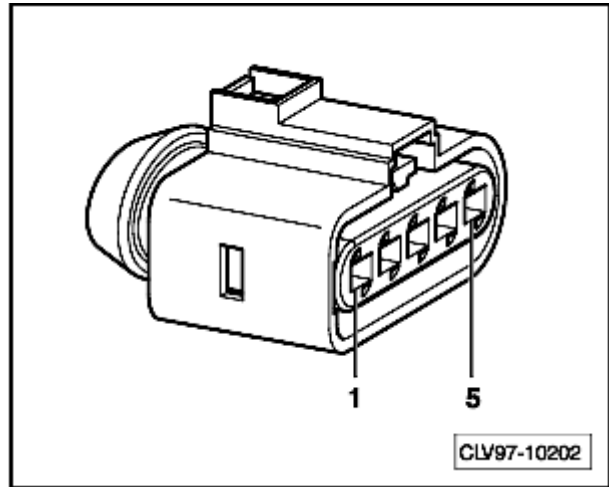
Cavity	Function
1	CAN Low
2	CAN High
3	Power 15

Golf

Component Locations

No. 897 / 2

5 - Pins



Cavity	Function	Cavity	Function
1	Part of assembly, internal circuit	4	Part of assembly, internal circuit
2	Part of assembly, internal circuit	5	Part of assembly, internal circuit
3	Part of assembly, internal circuit		

Golf

Component Locations

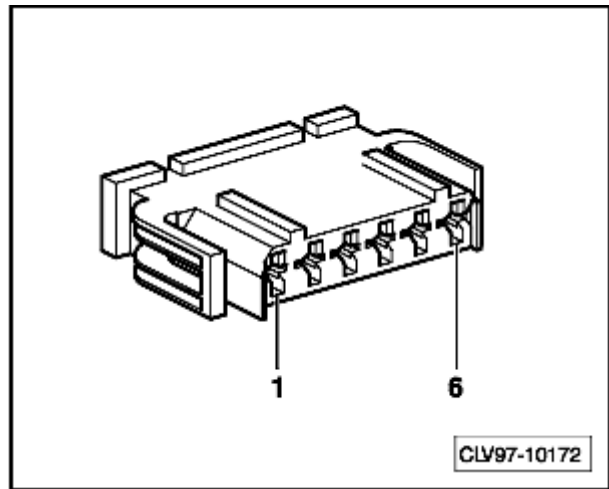
No. 896 / 1

Edition 09.2010

Sunroof - Connector Views

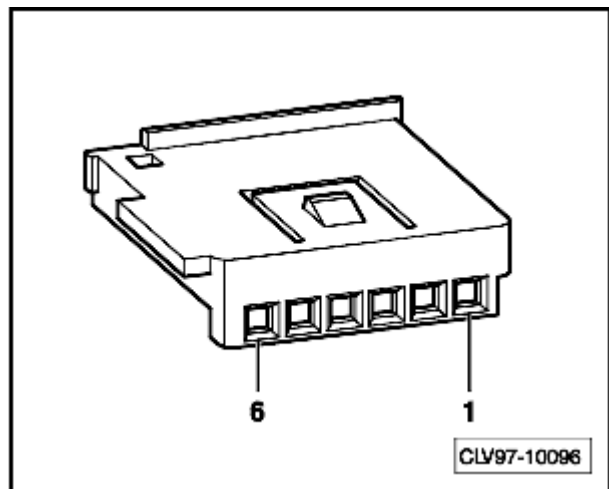
Power sunroof control module -J245- / Sunroof motor -V1-

J245/V1(T6c)



Cavity	Function	Cavity	Function
1	Ground, Battery	4	Ground, Module Power, Battery
2	Enable Signal	5	...
3	Output Signal, Adjustment Regulator Comfort Module	6	V- Signal

J245/V1(T6i)



Cavity	Function	Cavity	Function
1	5 Volt, supply	4	...

2	Ground	5	Input Signal, Tilt Button
3	Input Signal, Adjustment Regulator	6	Ground

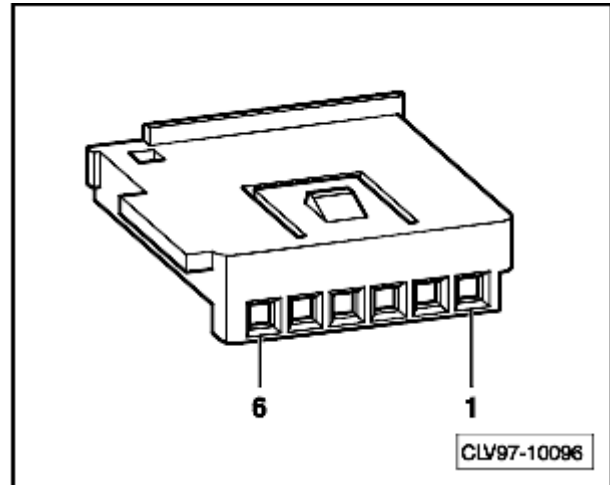
Golf

Component Locations

No. 896 / 2

Sunroof adjustment regulator -E139- / Sunroof tilt button 1 -E582-

E139/E582(T6am)



Cavity	Function	Cavity	Function
1	5 Volt, supply	4	...
2	Ground	5	Input Signal, Tilt Button
3	Input Signal, Adjustment Regulator	6	Ground

Golf

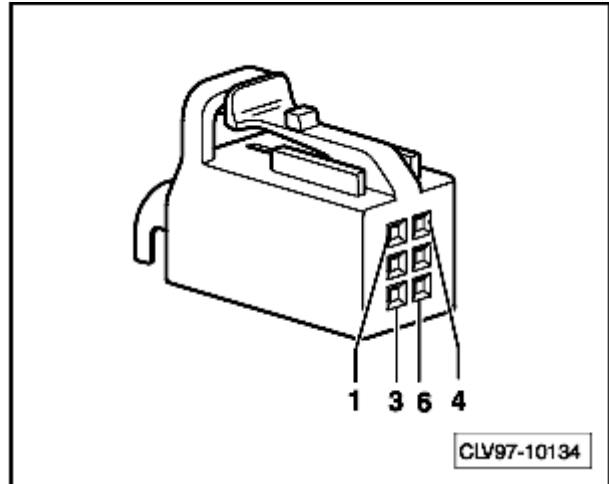
Component Locations

No. 889 / 1

Edition 09.2010

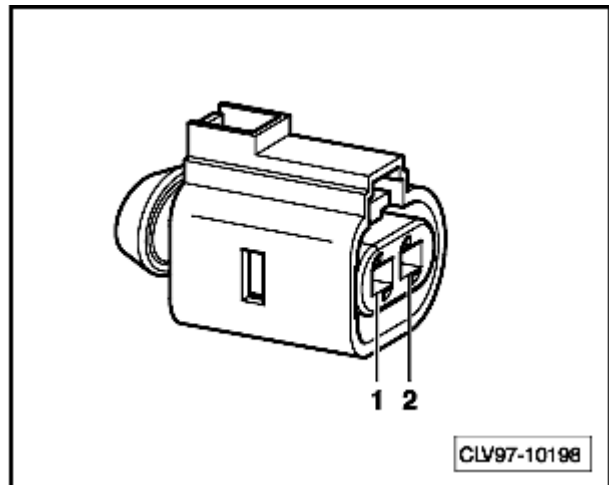
Level Control System - Connector Views

Damping adjustment button -E387-



Cavity	Function	Cavity	Function
1	LED 1 (status indicator)	4	LED 2 (status indicator)
2	Dampening Adjustment Switch Ground	5	Dampening Adjustment Switch output
3	Dimmer	6	Battery Ground

Damping Adjustment Valves -N336- /-N337- /-N338- /-N339-



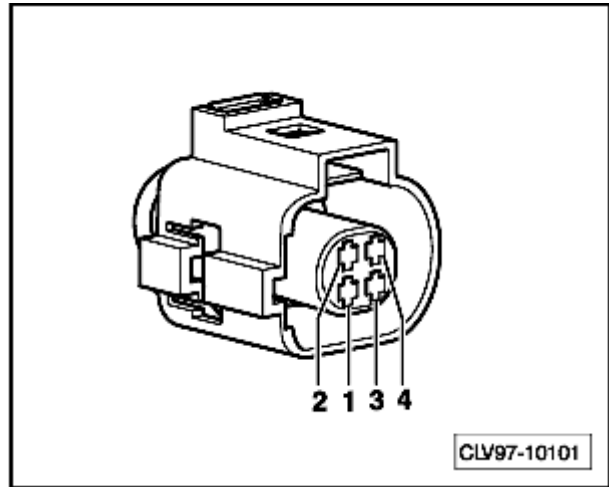
Cavity	Function
1	Signal, High
2	Signal, Low

Golf

Component Locations

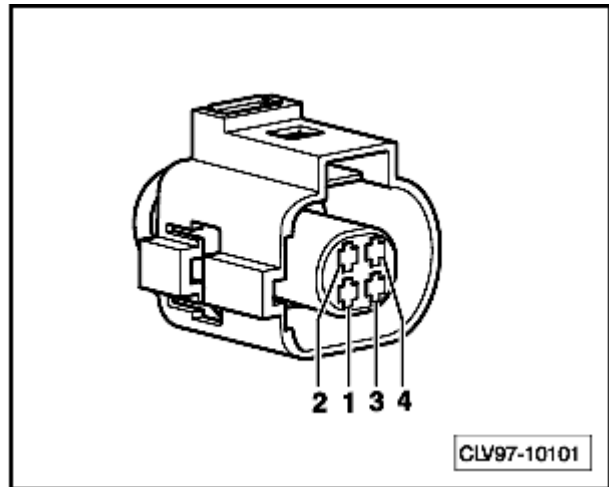
No. 889 / 2

Front level control system sensors - G78- /G289-



Cavity	Function	Cavity	Function
1	Ground, sensor	3	Signal, PWM
2	5 Volt (+)	4	...

Left rear level control system sensor - G76-



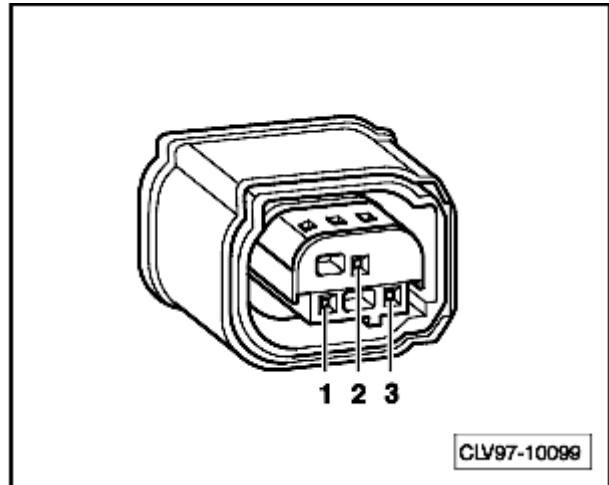
Cavity	Function	Cavity	Function
1	Ground, sensor	3	Signal, PWM
2	5 Volt (+)	4	...

Golf

Component Locations

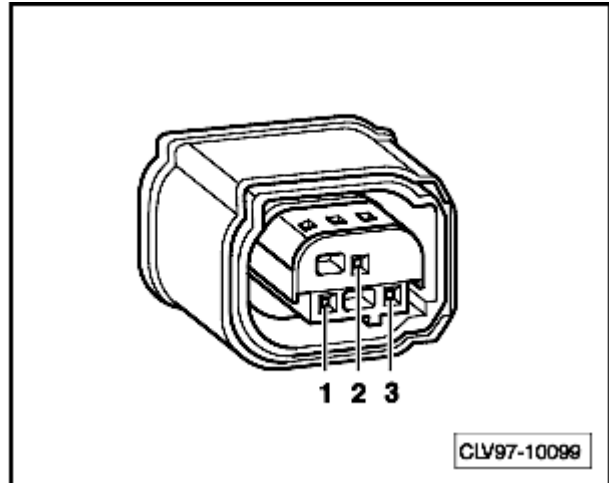
No. 889 / 3

Front body acceleration sensors - G341- /-G342-



Cavity	Function
1	Signal, sensor
2	Ground, sensor
3	5 Volt

Rear body acceleration sensor -G343-



Cavity	Function
1	Signal, sensor
2	Ground, sensor
3	5 Volt

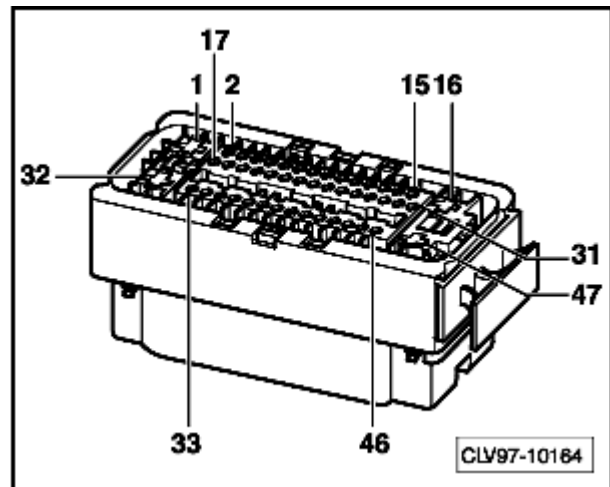
Golf

Component Locations

No. 889 / 4

Electronic damping control module -J250-

Connector, 47 Pin



Cavity	Function	Cavity	Function
1	...	25	Signal, right front body acceleration sensor
2	CAN 1 Low (optional)	26	5 Volt, left front level control system sensor
3	CAN 1 Shield (optional)	27	Ground, left front level control system sensor
4	Ground, rear body acceleration sensor	28	...
5	Dampening Adjustment Switch input	29	5 Volt, right front level control system sensor
6	5 Volt, left front body acceleration sensor	30	Ground, right front level control system sensor
7	Ground, left front body acceleration sensor	31	...
8	Ground, right front level control system sensor	32	Switched Battery + power
9	5 Volt, right front body acceleration sensor	33	CAN 0 Low
10	Ground, right front body acceleration sensor	34	CAN 0 High
11	Signal, left front level control system sensor	35	...
12	...	36	LED 1 (status indicator)
13	...	37	...
14	Signal, right front level control system sensor	38	LED 2 (status indicator)
15	...	39	Signal, (high) from left front damping adjustment valve
16	Battery ground	40	Signal, (low) from left front damping adjustment valve
17	CAN 1 High (optional)	41	Signal, (high) from right front damping adjustment valve
18	CAN 0 Shield (optional)	42	Signal, (low) from right front damping adjustment valve
19	Signal, rear body acceleration sensor	43	Signal, (high) from left rear damping adjustment valve
20	5 Volt, rear body acceleration sensor	44	Signal, (low) from left rear damping adjustment valve

21	Dampening Adjustment Switch Ground	45	Signal, (high) from right rear damping adjustment valve
22	Signal, left front body acceleration sensor	46	Signal, (low) from right rear damping adjustment valve
23	5 Volt, rear level control system sensor	47	Battery + voltage
24	Ground, rear body acceleration sensor		

Golf VI

Component Locations

No. 890 / 1

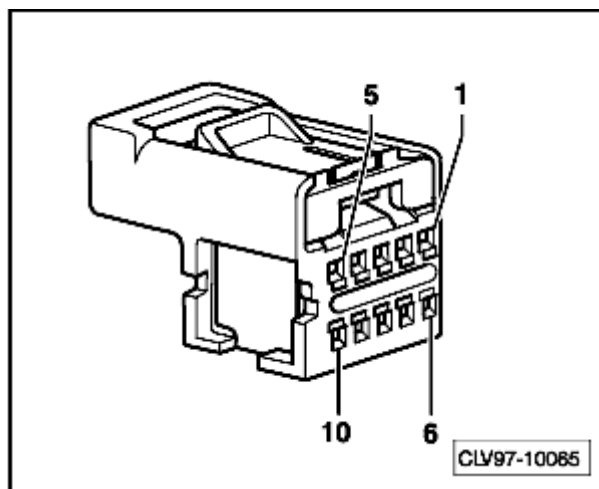
Edition 04.2010

Transmission Systems Connector Views

Tiptronic switch -F189- / Selector lever -E313- /
Selector lever park position lock switch -F319-

09M, 02D Transmissions

Tiptronic switch -F189-



Cavity	Function	Cavity	Function
1	Ground, park switch	6	Tiptronic Info
2	Park switch, output	7	Power, shift lock solenoid
3	PWM to Transmission Controller	8	Ground, shift lock solenoid
4	...	9	Power, switched
5	Output to Transmission Range Switch	10	Power, battery

Selector lever -E313-

Cavity	Function	Cavity	Function
1	Ground, park switch	6	...
2	Park switch, output	7	CAN H
3	...	8	CAN L
4	...	9	Power, switched
5	Output to Vehicle electrical system control module	10	Power, battery

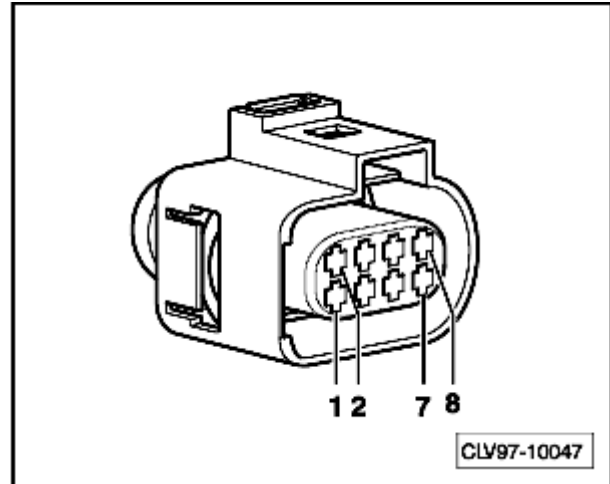
Golf VI

Component Locations

No. 890 / 2

**Transmission fluid temperature sensor -G93- /
 Transmission input speed sensor -G182- /
 Transmission output speed sensor -G195-**

09M Transmission



Cavity	Function	Cavity	Function
1	Signal, transmission fluid temperature sensor	5	Signal (+), output speed sensor
2	Signal (-), transmission fluid temperature sensor	6	Signal (-), output speed sensor
3	Signal (+), input speed sensor	7	...
4	Signal (-), input speed sensor	8	...

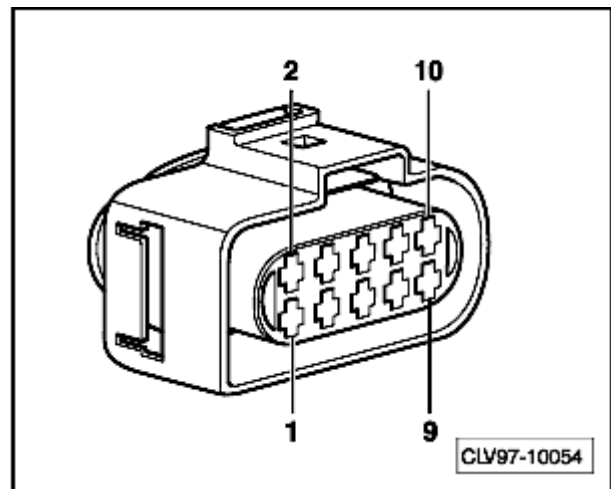
Golf VI

Component Locations

No. 890 / 3

Multifunction transmission range switch -F125-

09M Transmission

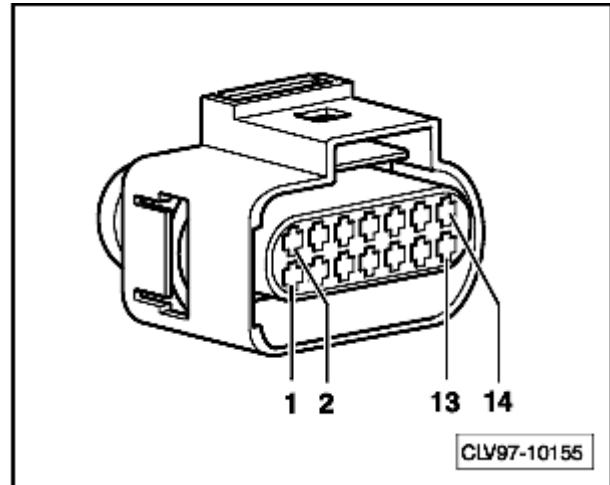


Cavity	Function	Cavity	Function
1	Signal, (A)	6	...
2	Signal, (ST+) Park Neutral	7	Signal, (B)
3	Ground	8	Signal, (BK)
4	Ground, (ST-)	9	Signal, (C)
5	Signal, (PA)	10	Power, battery

Golf VI

Component Locations

No. 890 / 4

**Transmission valve body solenoids: N88, N89,
N90, N91, N92, N93, N282, N283****09M Transmission**

Cavity	Function	Cavity	Function
1	Signal, Solenoid valve 1 -N88-	8	Signal (-), Solenoid valve 3 -N90-
2	Signal, Solenoid valve 2 -N89-	9	Signal (+), Solenoid valve 10 -N283-
3	Signal (+), Solenoid valve 5 -N92-	10	Signal (-), Solenoid valve 10 -N283-
4	Signal (-), Solenoid valve 5 -N92-	11	Signal (+), Solenoid valve 4 -N91-
5	Signal (+), Solenoid valve 9 -N282-	12	Signal (-), Solenoid valve 4 -N91-
6	Signal (-), Solenoid valve 9 -N282-	13	Signal (+), Solenoid valve 6 -N93-
7	Signal (+), Solenoid valve 3 -N90-	14	Signal (-), Solenoid valve 6 -N93-

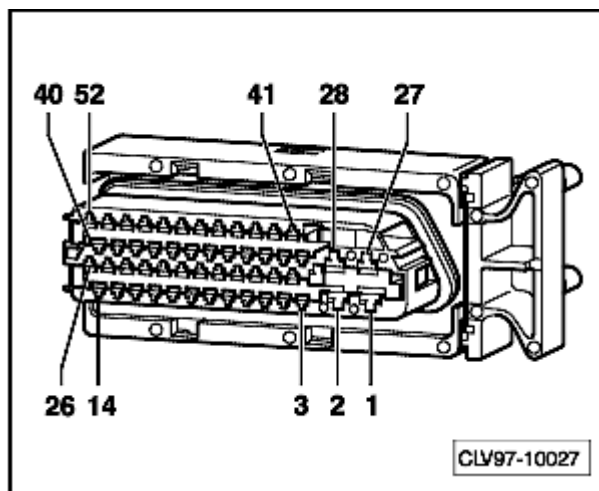
Golf VI

Component Locations

No. 890 / 5

Transmission control module -J217-

09M Transmission



Cavity	Function	Cavity	Function
1	Ground	27	Power, switched
2	Ground	28	Power, switched
3	Power, battery	29	Power, shift lock solenoid
4	Signal (+), Solenoid valve 10 -N283-	30	Signal (+), Solenoid valve 3 -N90-
5	Signal (+), Solenoid valve 4 -N91-	31	Signal (+), Solenoid valve 6 -N93-
6	Signal (-), Solenoid valve 5 -N92-	32	Signal (-), Solenoid valve 9 -N282-
7	...	33	...
8	Signal (-), transmission fluid temperature sensor	34	CAN L
9	K Line, diagnostic	35	...
10	Signal, (B)	36	Signal, (C)
11	...	37	...
12	...	38	Signal (+), output speed sensor
13	...	39	Signal (-), input speed sensor
14	...	40	PWM to Tiptronic switch
15	Signal, Solenoid valve 2 -N89-	41	Signal, Solenoid valve 1 -N88-
16	Signal (+), Solenoid valve 9 -N282-	42	Signal (+), Solenoid valve 5 -N92-
17	Signal (-), Solenoid valve 6 -N93-	43	Signal (-), Solenoid valve 4 -N91-
18	Signal (-), Solenoid valve 3 -N90-	44	Signal (-), Solenoid valve 10 -N283-
19	...	45	Signal, transmission fluid temperature sensor
20	...	46	CAN H
21	Signal, (BK)	47	Signal, (A)
22	Signal, (PA)	48	Tiptronic Info

23	...	49	...
24	...	50	Signal (-), output speed sensor
25	...	51	Signal (+), input speed sensor
26	...	52	...

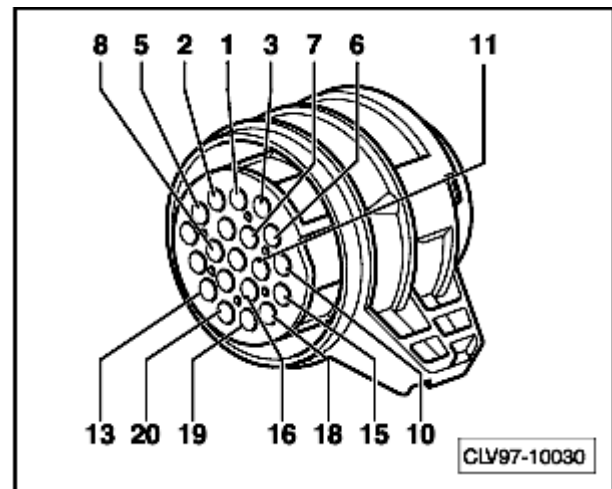
Golf VI

Component Locations

No. 890 / 6

DSG transmission Mechatronic -J743-

02D Transmission



Cavity	Function	Cavity	Function
1	K Line, diagnostic	11	Power, battery
2	...	12	...
3	...	13	Power, switched
4	...	14	...
5	...	15	CAN L
6	...	16	Ground
7	...	17	Output to Vehicle electrical system control module
8	...	18	Power, battery
9	...	19	Ground
10	CAN H	20	...

Golf

Wiring Diagram

No. 134 / 1

07.2012

2.0L gasoline engine , CBFA
from November 2011

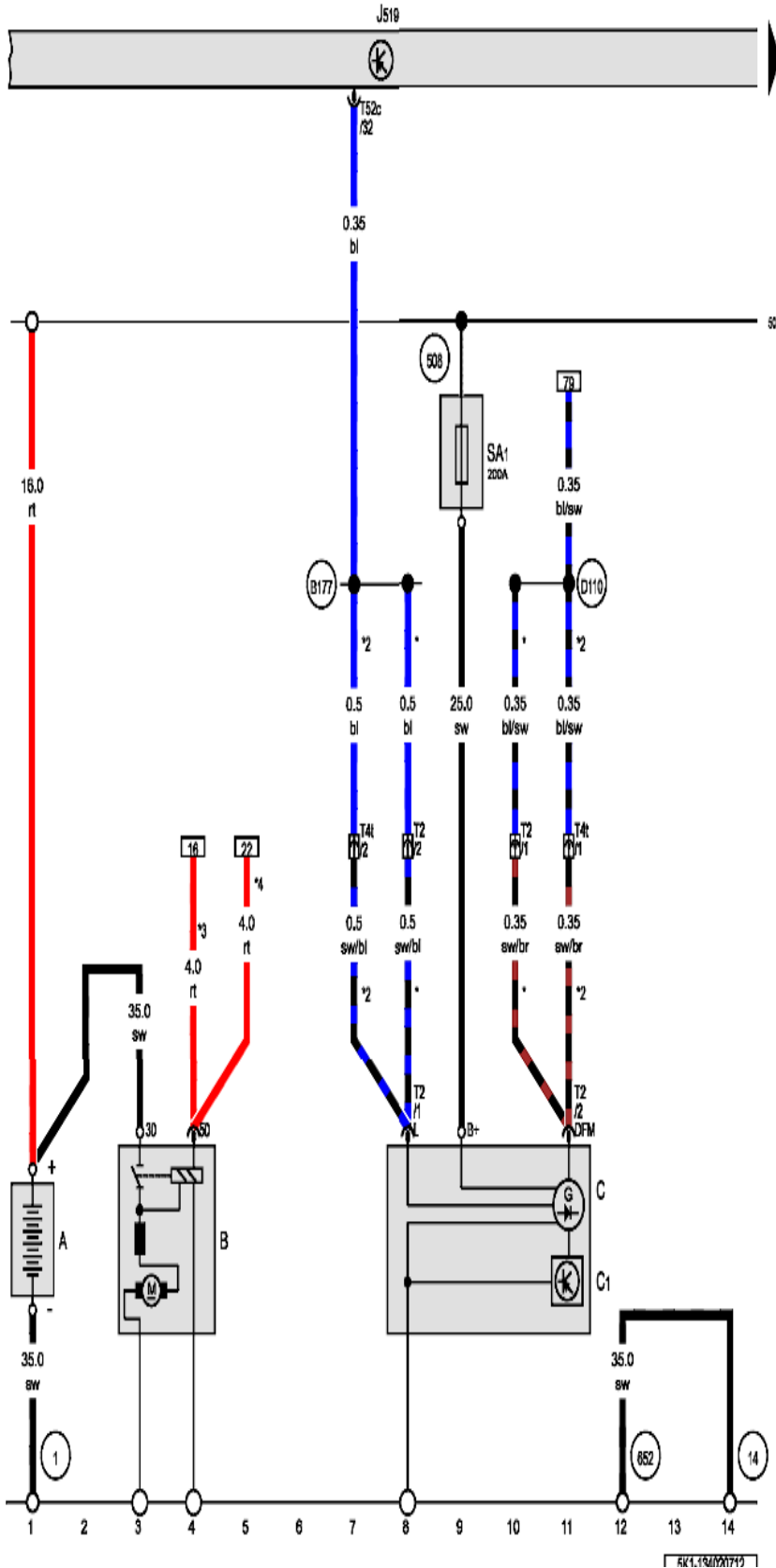
Golf

Wiring Diagram

No. 134 / 2

Battery, Starter, Generator, Vehicle electrical system control module, Fuse 1 (on fuse panel A)

- A - Battery
- B - Starter
- C - Generator
- C1 - Voltage regulator
- J519 - Vehicle electrical system control module
- SA1 - Fuse 1 (on fuse panel A)
- T2 - Double connector, near the starter
- T4t - 4-pin connector, near the starter
- T52c - 52-pin connector
- 1 - Ground strap, battery to body
- 14 - Ground connection on transmission
- 508 - Terminal 30 threaded connection (on E-box)
- 652 - Transmission/engine ground connection
- B177 - Connection 61 (in interior wiring harness)
- D110 - Connection 8 (in engine compartment wiring harness)
- * - Only for vehicles without an A/C system
- *2 - Only for vehicles with A/C system
- *3 - Only for vehicles without access/start



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow

or = orange
rs = pink

*4

authorization
system
- only for
vehicles with
access/start
authorization
system

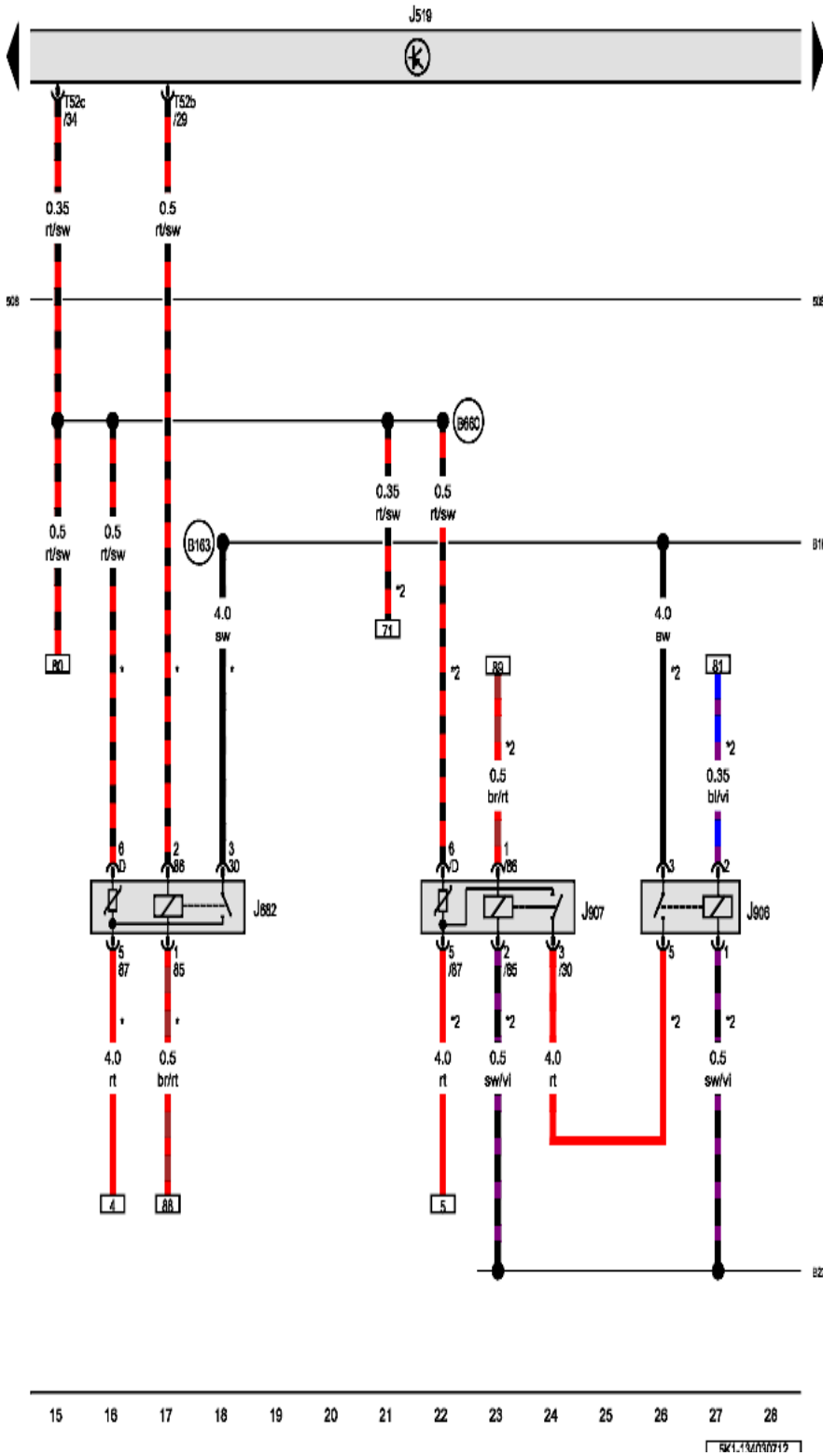
Golf

Wiring Diagram

No. 134 / 3

Vehicle electrical system control module, Terminal 50 power supply relay, Starter relay 1, Starter relay 2

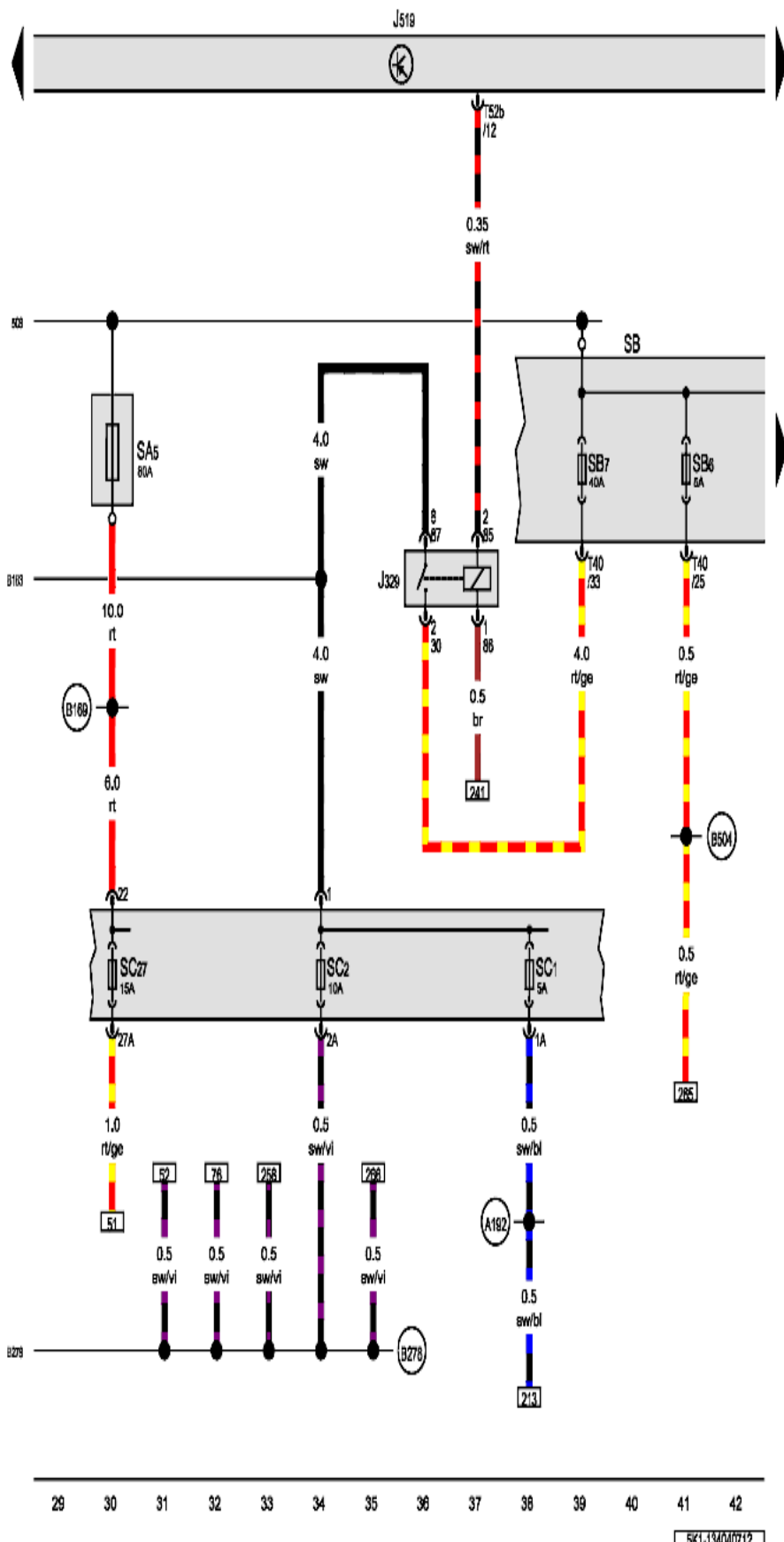
- J519 - Vehicle electrical system control module
- J682 - Terminal 50 power supply relay
- J906 - Starter relay 1
- J907 - Starter relay 2
- T52b - 52-pin connector
- T52c - 52-pin connector
- 508 - Terminal 30 threaded connection (on E-box)
- B163 - Positive connection 1 (15) (in interior wiring harness)
- B278 - Positive connection 2 (15a) (in main wiring harness)
- B660 - Diagnostic terminal 50 connection (in main wiring harness)
- * - Only for vehicles without access/start authorization system
- *2 - only for vehicles with access/start authorization system



Golf

Wiring Diagram

No. 134 / 4



Terminal 15 power supply relay, Vehicle electrical system control module, Fuse 5 (on fuse panel A), Fuse panel B

- J329 - Terminal 15 power supply relay
- J519 - Vehicle electrical system control module
- SC1 - Fuse 1 (on fuse panel C)
- SC2 - Fuse 2 (on fuse panel C)
- SA5 - Fuse 5 (on fuse panel A)
- SB - Fuse panel B
- SB6 - Fuse 6 (on fuse panel B)
- SB7 - Fuse 7 (on fuse panel B)
- SC27 - Fuse 27 (on fuse panel C)
- T40 - 40-pin connector
- T52b - 52-pin connector
- 508 - Terminal 30 threaded connection (on E-box)
- A192 - Positive connection 3 (15a) (in instrument panel wiring harness)
- B163 - Positive connection 1 (15) (in interior wiring harness)
- B169 - Positive connection 1 (30) (in interior wiring harness)



ws = white
 sw = black
 ro = red
 rt = red
 br = brown

gn = green		harness)
bl = blue		
gr = grey		- Positive
li = lilac	B278	connection 2
vi = lilac		(15a) (in
ge = yellow		main wiring
or = orange		harness)
rs = pink		
	B504	- Positive
		connection 8
		(30a) (in
		interior wiring
		harness)

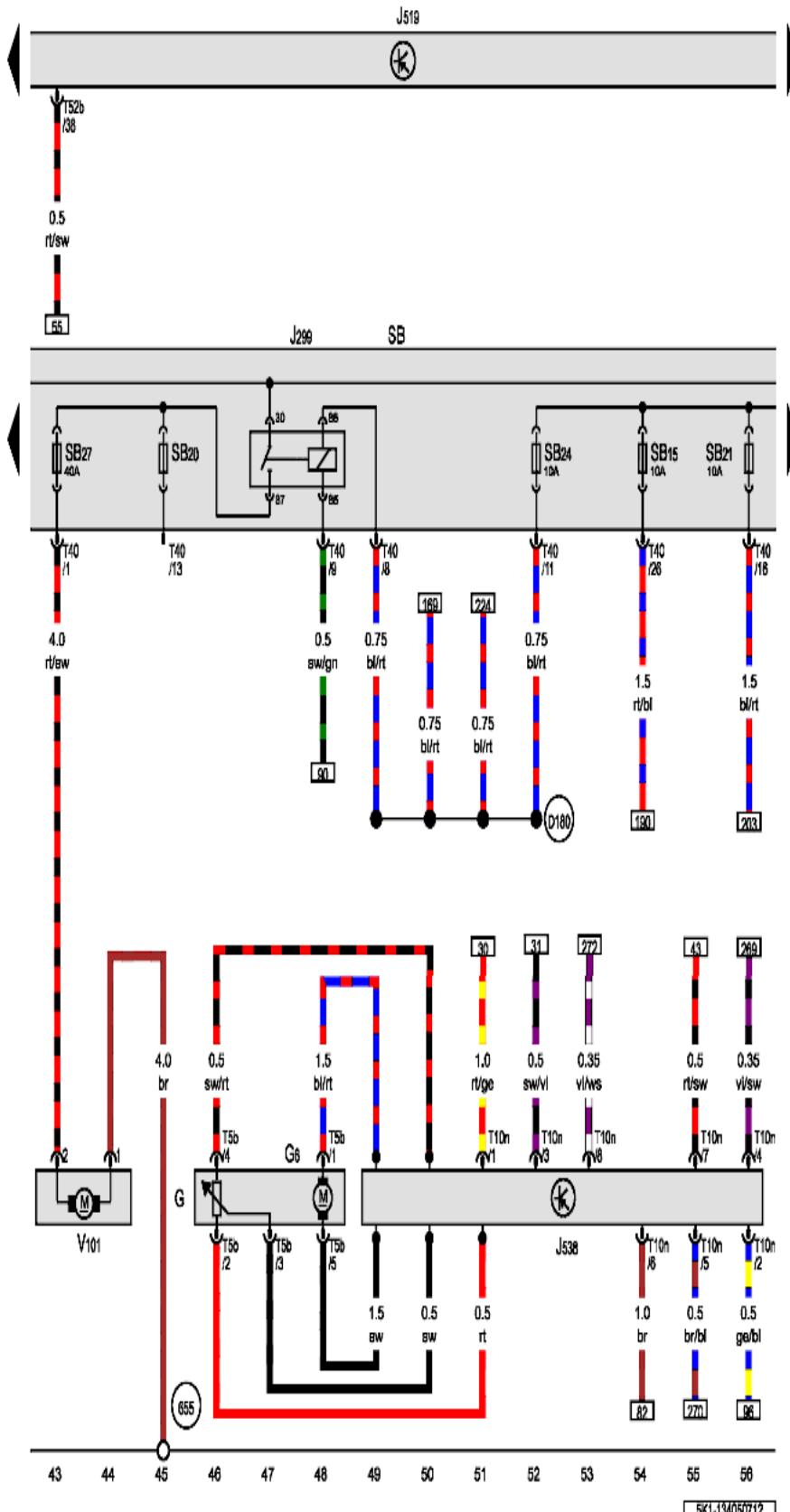
Golf

Wiring Diagram

No. 134 / 5



Fuel level sensor, Transfer fuel pump, Secondary air injection pump relay, Vehicle electrical system control module, Fuel pump control module, Fuel pump control module, Fuse panel B, Secondary air injection pump motor

- G - Fuel level sensor
- G6 - Transfer fuel pump
- J299 - Secondary air injection pump relay
- J519 - Vehicle electrical system control module
- J538 - Fuel pump control module
- SB - Fuse panel B
- SB15 - Fuse 15 (on fuse panel B)
- SB20 - Fuse 20 (on fuse panel B)
- SB21 - Fuse 21 (on fuse panel B)
- SB24 - Fuse 24 (on fuse panel B)
- SB27 - Fuse 27 (on fuse panel B)
- T5b - 5-pin connector
- T10n - 10-pin connector
- T40 - 40-pin connector
- T52b - 52-pin connector
- V101 - Secondary air injection pump motor



ws = white
 sw = black
 ro = red
 rt = red
 br = brown

gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

655 - motor 
- Ground connection on left
D180 - headlamp 
- Connection 87a (in engine compartment wiring harness)

Golf

Wiring Diagram

No. 134 / 6

Motronic engine control module power supply relay, Vehicle electrical system control module, Fuse panel B

J271 - Motronic engine control module power supply relay

J519 - Vehicle electrical system control module

SB - Fuse panel B

SB2 - Fuse 2 (on fuse panel B)

SB10 - Fuse 10 (on fuse panel B)

SB13 - Fuse 13 (on fuse panel B)

SB14 - Fuse 14 (on fuse panel B)

SB22 - Fuse 22 (on fuse panel B)

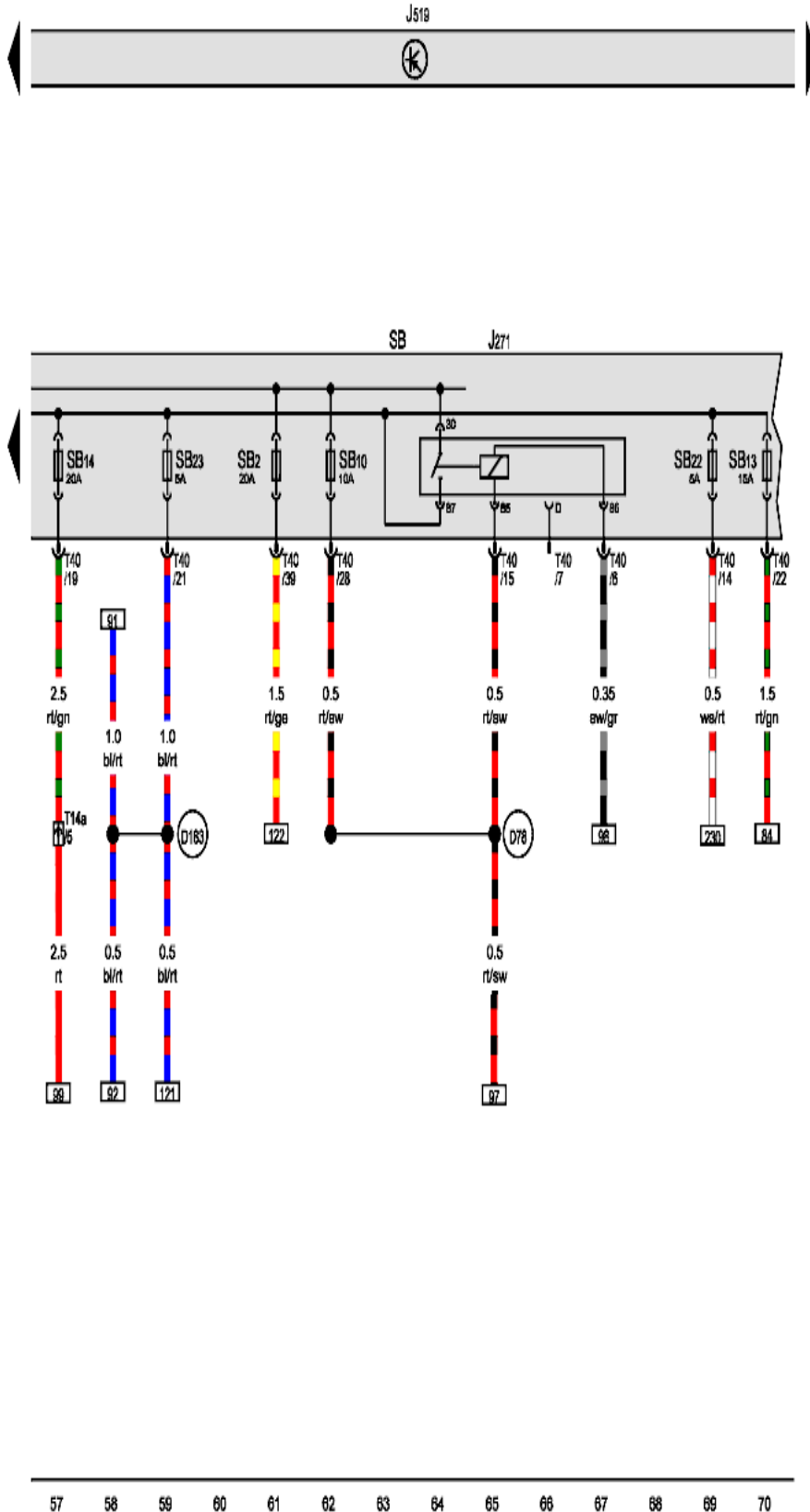
SB23 - Fuse 23 (on fuse panel B)

T14a - 14-pin connector, near the battery

T40 - 40-pin connector

D78 - Positive connection 1 (30a) (in engine compartment wiring harness)

D183 - Connection 87a (in engine compartment)



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

wiring
harness) 4

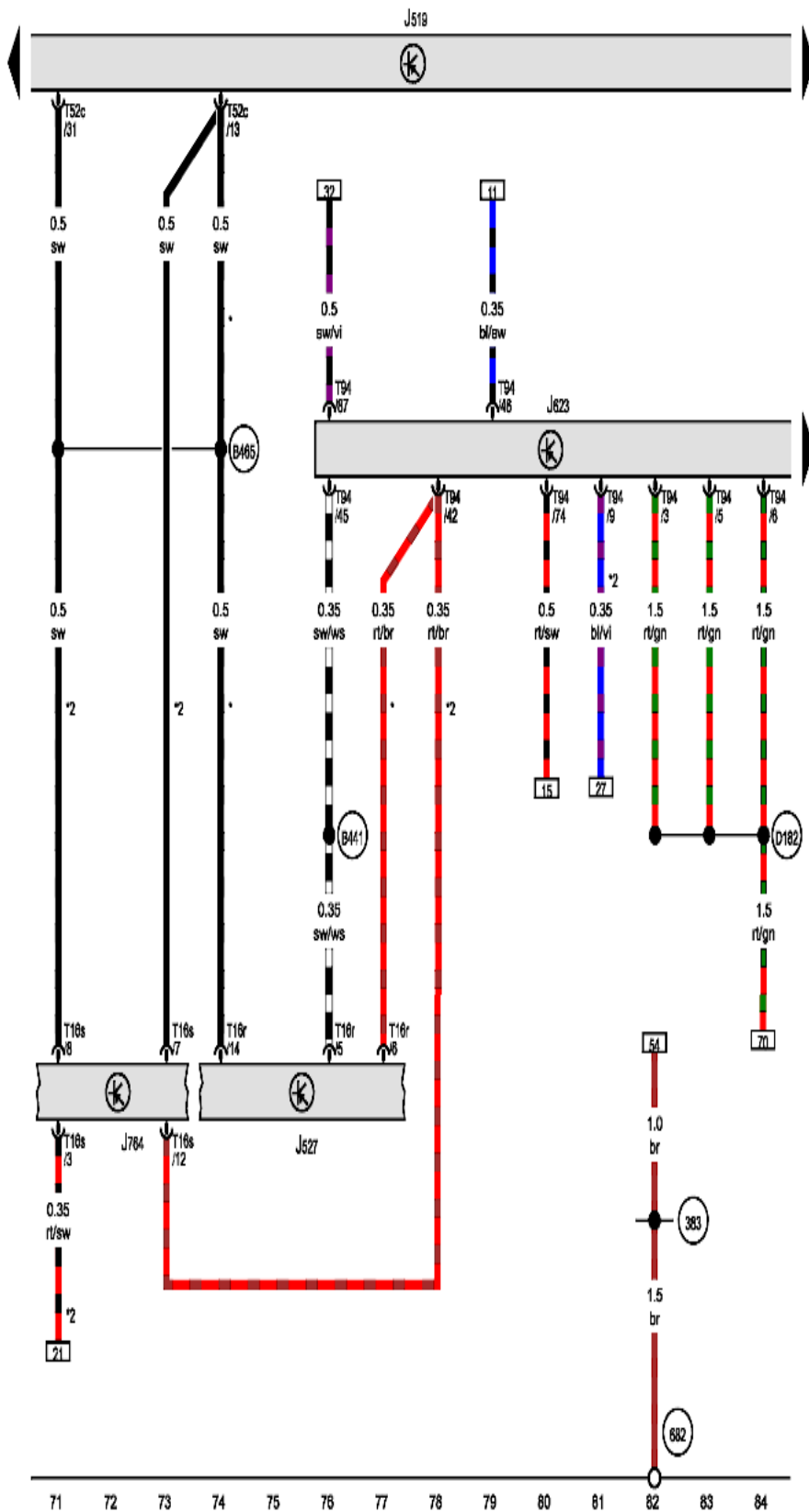
Golf

Wiring Diagram

No. 134 / 7

Vehicle electrical system control module, Steering column electronics control module, Engine control module

- J519 - Vehicle electrical system control module
- J527 - Steering column electronics control module
- J623 - Engine control module, in the center plenum chamber
- J764 - Electronic steering column lock control module
- T16r - 16-pin connector
- T16s - 16-pin connector
- T52c - 52-pin connector
- T94 - 94-pin connector
- 383 - Ground connection 18 (in main wiring harness)
- 682 - Ground connection 2 in right rear side panel
- B441 - Cruise control connection (in main wiring harness)
- B465 - Connection 1 (in main wiring harness)





	D182	- Connection 87a (in engine compartment wiring harness) 3
ws = white sw = black ro = red rt = red br = brown gn = green bl = blue gr = grey li = lilac vi = lilac ge = yellow or = orange rs = pink	*	- Only for vehicles without access/start authorization system
	*2	- only for vehicles with access/start authorization system


Golf


Wiring Diagram


No. 134 / 8

Engine coolant temperature sensor, Coolant circulation pump relay, Vehicle electrical system control module, Engine control module, After-run coolant pump


G62 - Engine coolant temperature sensor  

J151 - Coolant circulation pump relay 

J519 - Vehicle electrical system control module 


J623 - Engine control module, in the center plenum chamber 

T4by - 4-pin connector, in the engine compartment, left

T14a - 14-pin connector, near the battery 

T60 - 60-pin connector

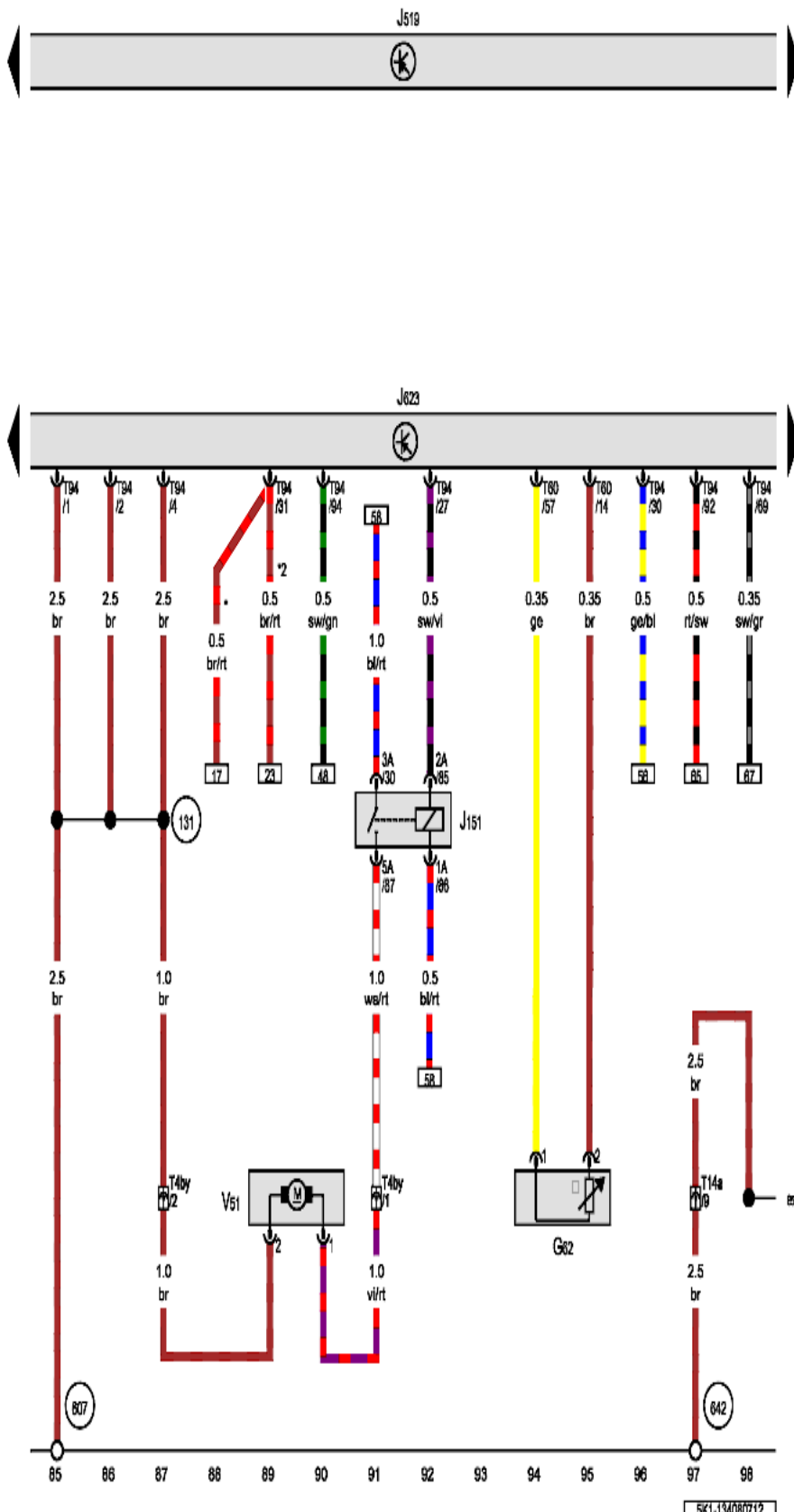
T94 - 94-pin connector


V51 - After-run coolant pump 

85 - Ground connection 1 (in engine compartment wiring harness)


131 - Ground connection 2 (in engine compartment wiring harness)

607 - Ground



connection in
plenum
chamber,
left 

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

642 - Electronic fan
control ground
connection 

* - Only for
vehicles
without
access/start
authorization
system

*2 - only for
vehicles with
access/start
authorization
system

Golf

Wiring Diagram

No. 134 / 9

Vehicle electrical system control module, Engine control module, Ignition coil 1 with power output stage, Ignition coil 2 with power output stage, Ignition coil 3 with power output stage, Ignition coil 4 with power output stage

J519 - Vehicle electrical system control module

J623 - Engine control module, in the center plenum chamber

N70 - Ignition coil 1 with power output stage

N127 - Ignition coil 2 with power output stage

N291 - Ignition coil 3 with power output stage

N292 - Ignition coil 4 with power output stage

P - Spark plug connectors

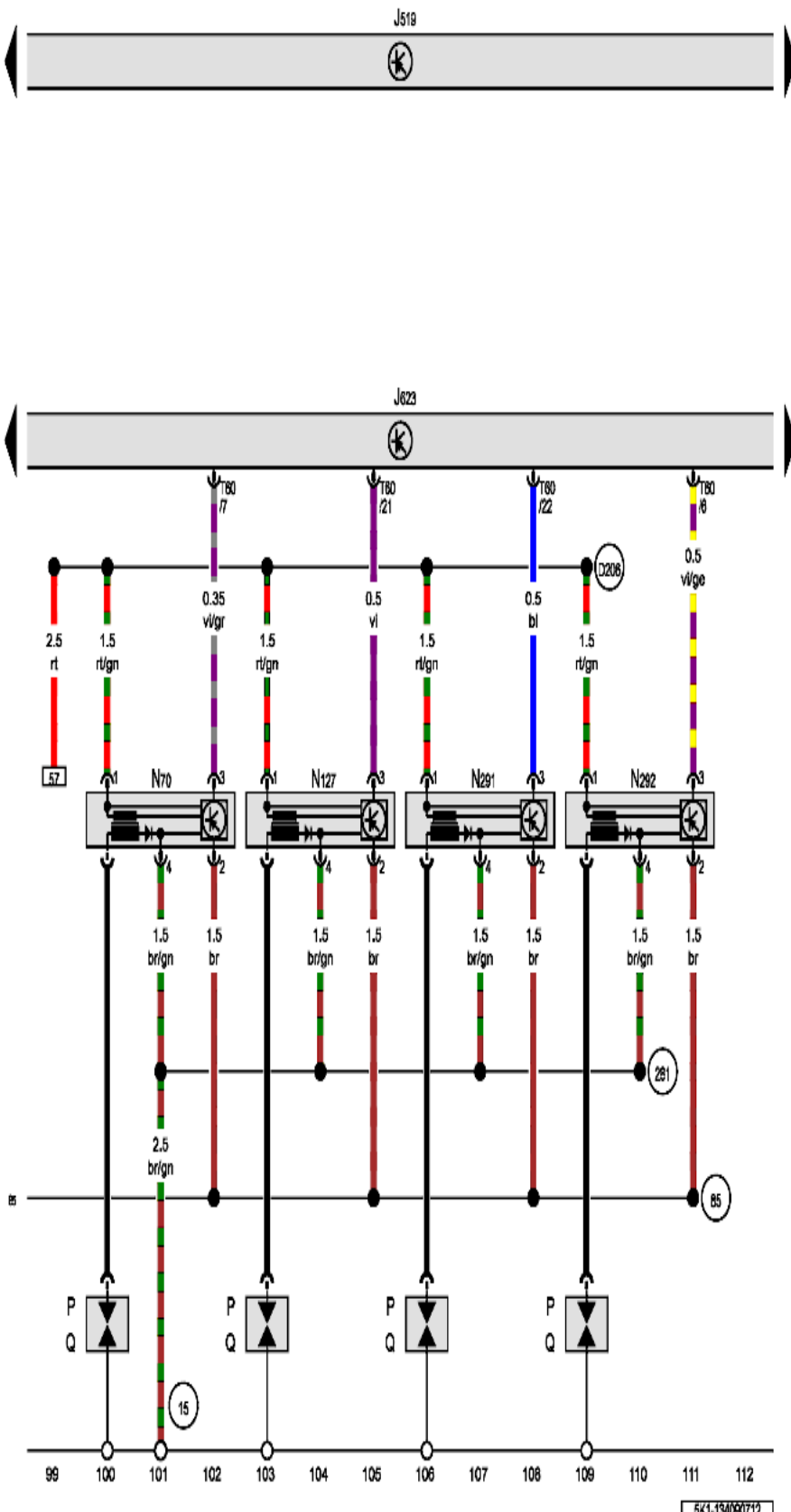
Q - Spark plugs

T60 - 60-pin connector

15 - Ground connection on cylinder head

85 - Ground connection 1 (in engine compartment wiring harness)

281 - Ground connection 1



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac

ge = yellow
or = orange
rs = pink













(in engine
wiring
harness)
- Connection
D206 87a (in
engine wiring
harness) 4

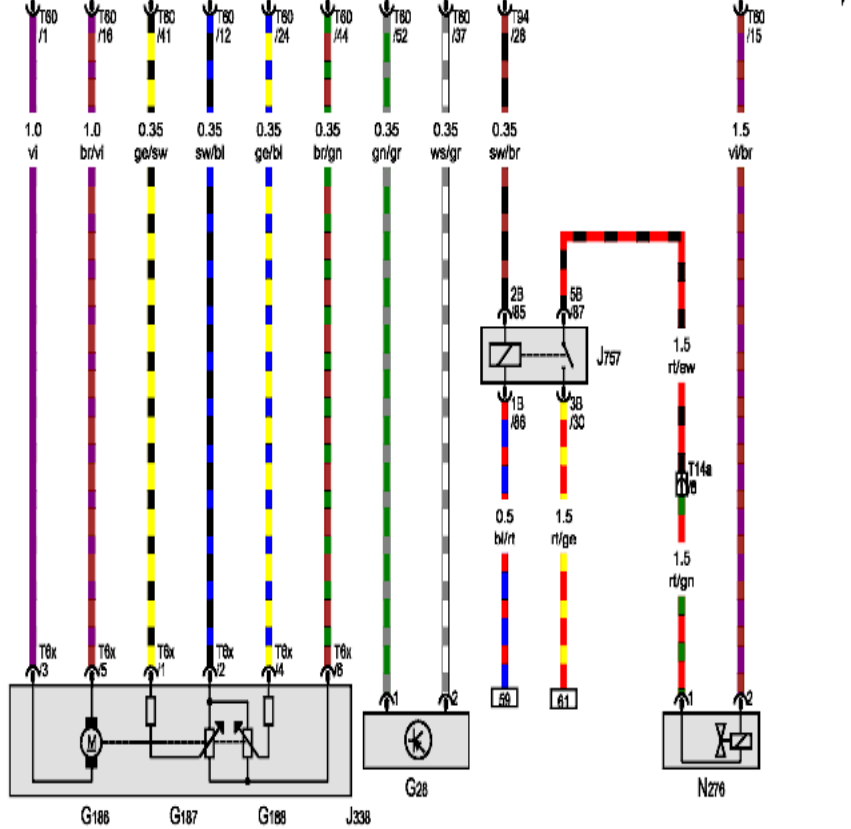
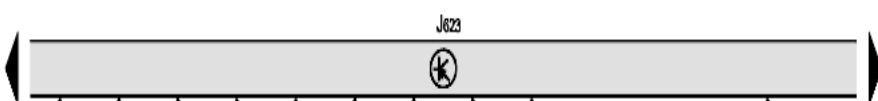
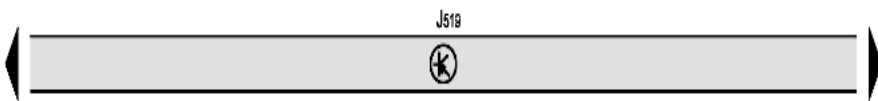
Golf

Wiring Diagram

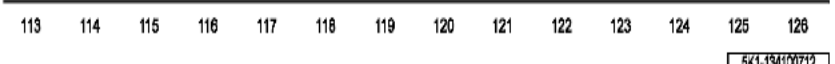
No. 134 / 10

Engine speed sensor, Throttle valve control module, Vehicle electrical system control module, Engine control module, Fuel pressure regulator valve

- G28 - Engine speed sensor  
- G186 - EPC throttle drive 
- G187 - EPC throttle drive angle sensor 1 
- G188 - EPC throttle drive angle sensor 2 
- J338 - Throttle valve control module  
- J519 - Vehicle electrical system control module 
- J623 - Engine control module, in the center plenum chamber 
- J757 - Engine component power supply relay
- N276 - Fuel pressure regulator valve  
- T6x - 6-pin connector
- T14a - 14-pin connector, near the battery 
- T60 - 60-pin connector
- T94 - 94-pin connector



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink













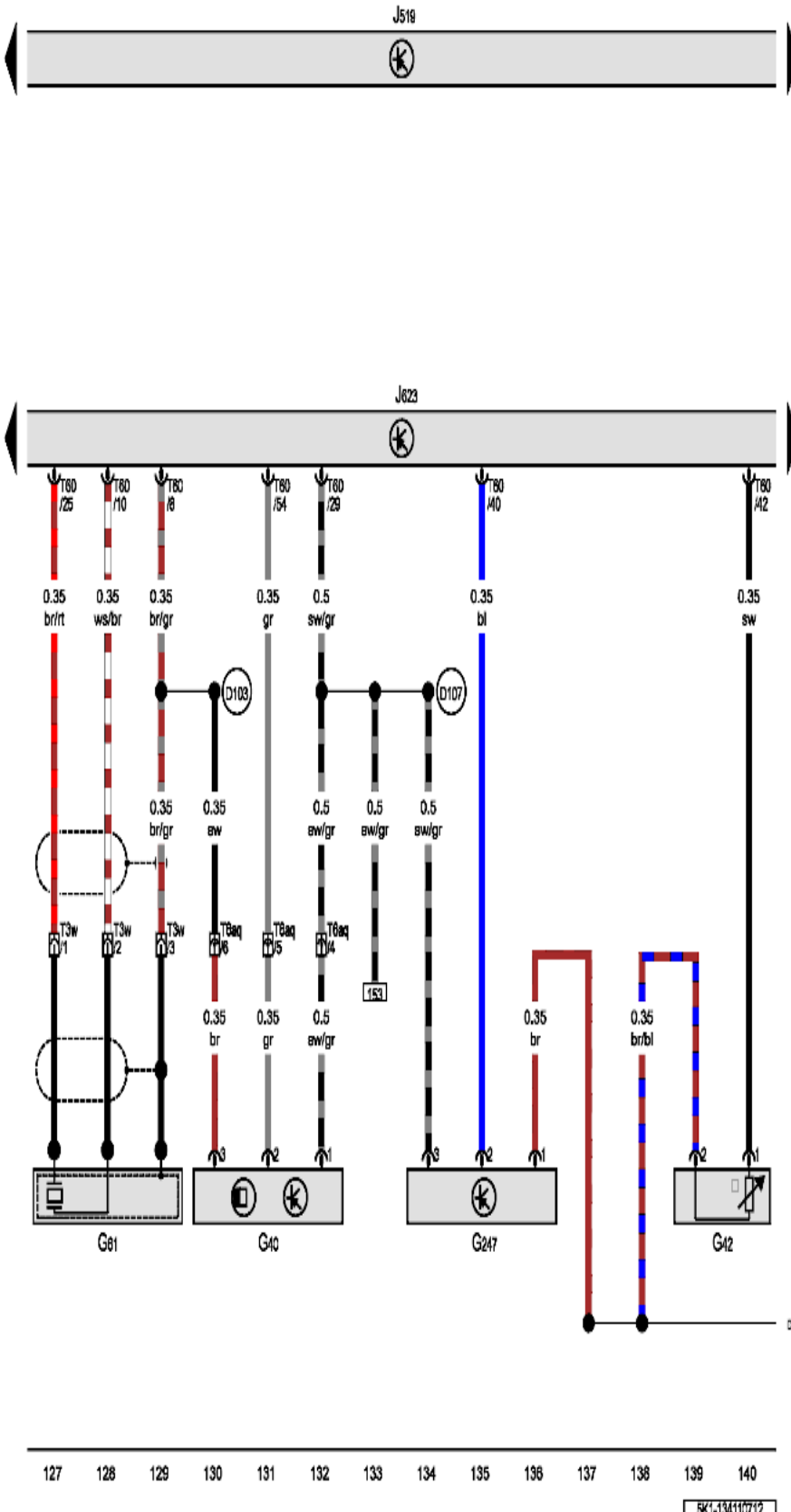
Golf

Wiring Diagram

No. 134 / 11

Camshaft position sensor, Intake air temperature sensor, Knock sensor 1, Fuel pressure sensor, Vehicle electrical system control module, Engine control module

- G40 - Camshaft position sensor  
- G42 - Intake air temperature sensor  
- G61 - Knock sensor 1  
- G247 - Fuel pressure sensor  
- J519 - Vehicle electrical system control module 
- J623 - Engine control module, in the center plenum chamber 
- T3w - 3-pin connector, on the engine, front
- T6aq - 6-pin connector, on the engine, front
- T60 - 60-pin connector
- D101 - Connection 1 (in engine compartment wiring harness)
- D103 - Connection 3 (in engine compartment wiring harness)
- D107 - Connection 5 (in engine compartment wiring harness)











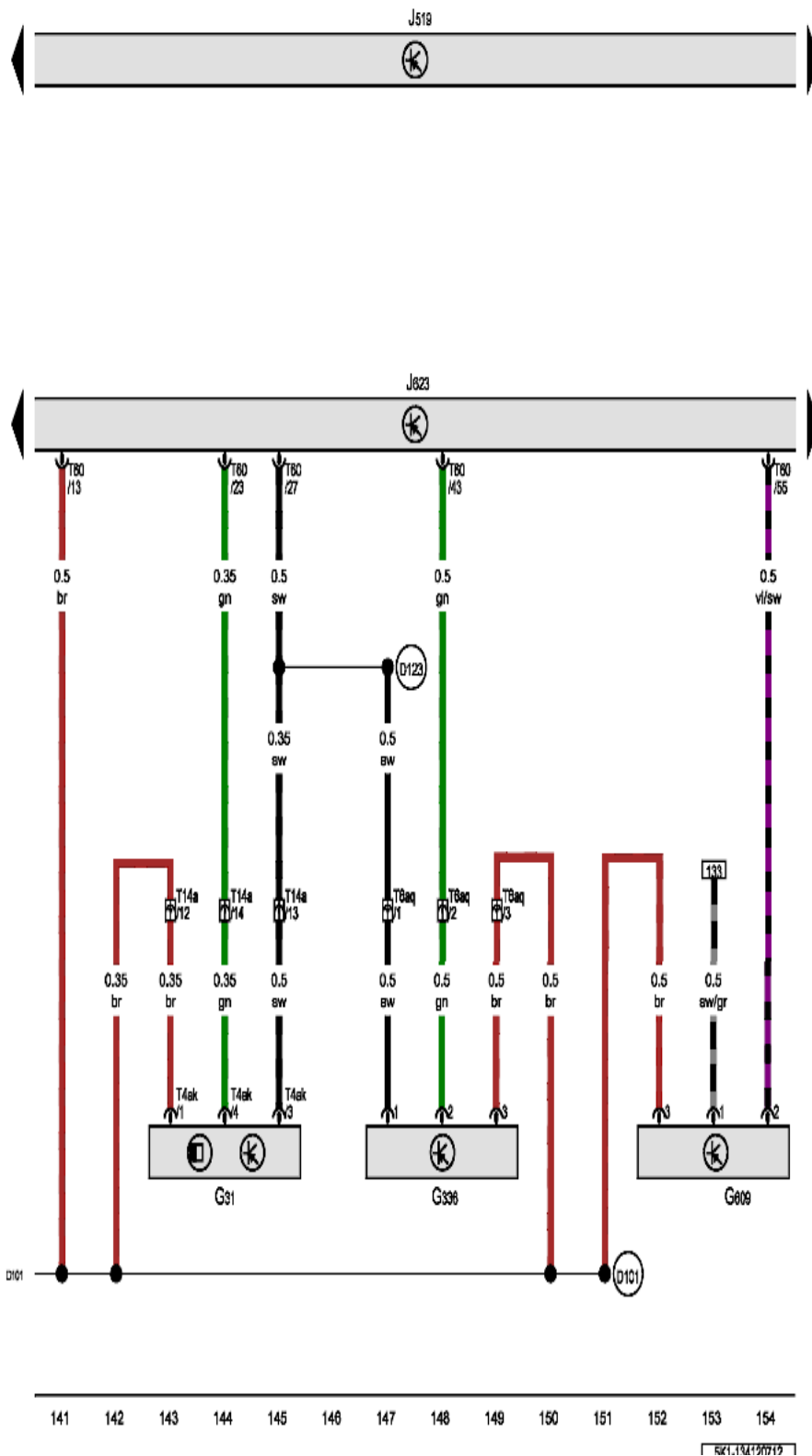
Golf

Wiring Diagram

No. 134 / 12

Charge air pressure sensor, Intake manifold runner position sensor, Secondary air injection sensor 1, Vehicle electrical system control module, Engine control module

- G31 - Charge air pressure sensor  
- G336- Intake manifold runner position sensor  
- G609 - Secondary air injection sensor 1 
- J519 - Vehicle electrical system control module 
- J623 - Engine control module, in the center plenum chamber 
- T4ak - 4-pin connector
- T6aq - 6-pin connector, on the engine, front
- T14a - 14-pin connector, near the battery 
- T60 - 60-pin connector
- D101 - Connection 1 (in engine compartment wiring harness)
- D123 - Connection 21 (in engine compartment wiring harness)

















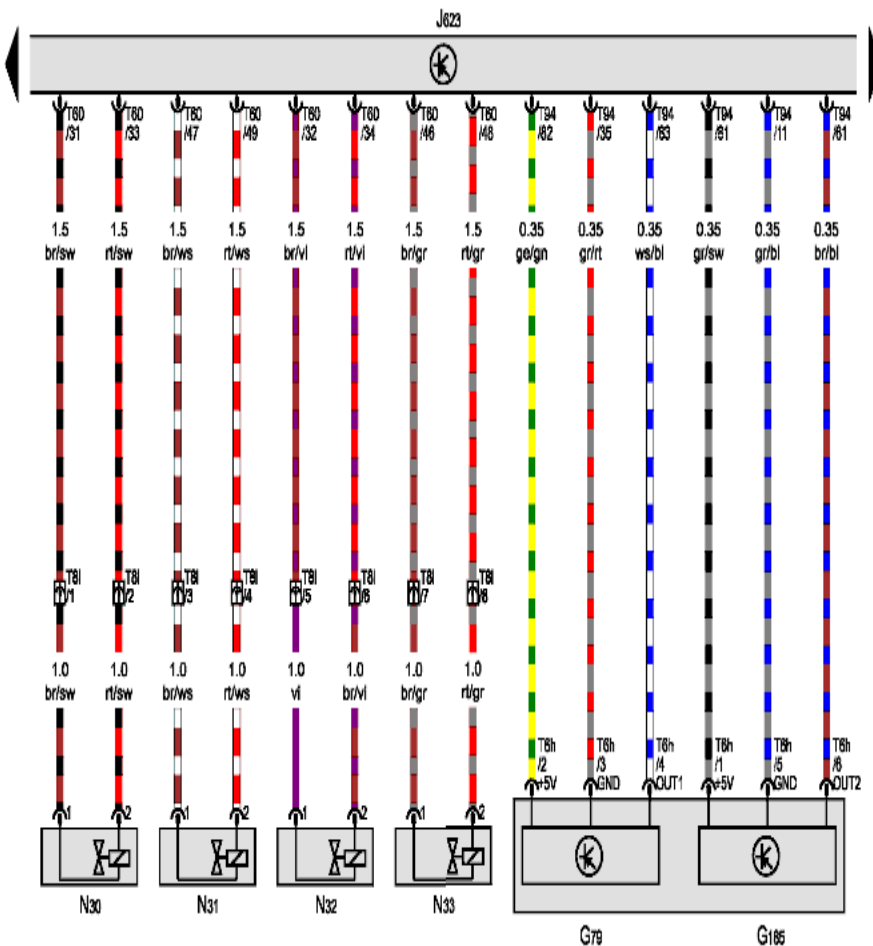
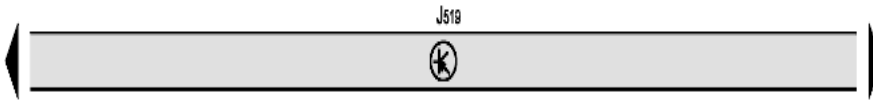
Wiring Diagram

Golf

No. 134 / 13

Accelerator pedal position sensor, Accelerator pedal position sensor 2, Vehicle electrical system control module, Engine control module, Cylinder 1 fuel injector, Cylinder 2 fuel injector, Cylinder 3 fuel injector, Cylinder 4 fuel injector

- G79 - Accelerator pedal position sensor  
- G185 - Accelerator pedal position sensor 2 
- J519 - Vehicle electrical system control module 
- J623 - Engine control module, in the center plenum chamber 
- N30 - Cylinder 1 fuel injector  
- N31 - Cylinder 2 fuel injector  
- N32 - Cylinder 3 fuel injector  
- N33 - Cylinder 4 fuel injector  
- T6h - 6-pin connector
- T8l - 8-pin connector, on the engine, front 
- T60 - 60-pin connector
- T94 - 94-pin connector



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

155 156 157 158 159 160 161 162 163 164 165 166 167 168

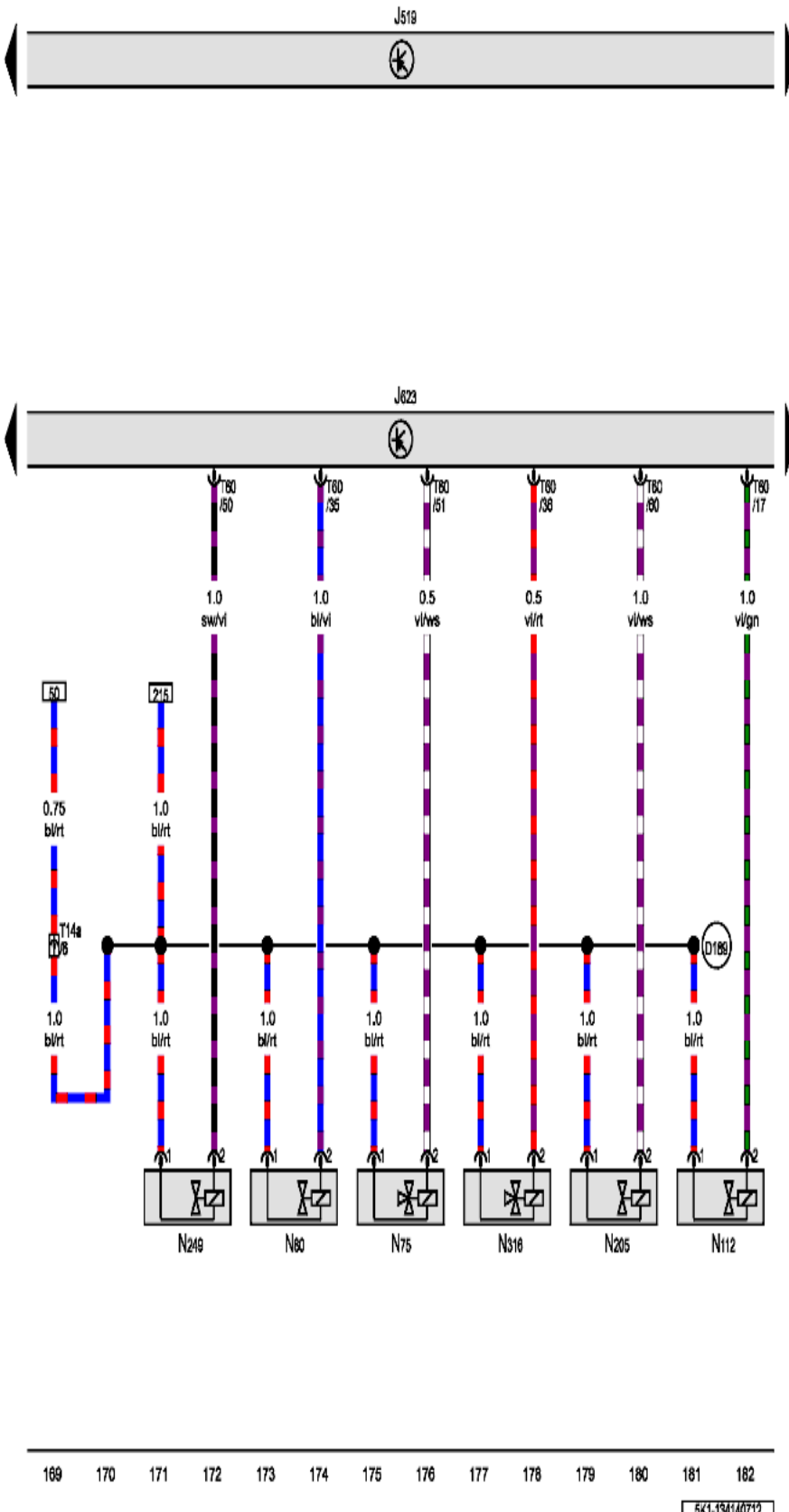
Wiring Diagram

Golf


No. 134 / 14

Vehicle electrical system control module, Engine control module, Wastegate bypass regulator valve, EVAP canister purge regulator valve 1, Secondary air injection solenoid valve, Camshaft adjustment valve 1, Turbocharger recirculation valve, Intake manifold runner control valve

- J519 - Vehicle electrical system control module
- J623 - Engine control module, in the center plenum chamber
- N75 - Wastegate bypass regulator valve
- N80 - EVAP canister purge regulator valve 1
- N112 - Secondary air injection solenoid valve
- N205 - Camshaft adjustment valve 1
- N249 - Turbocharger recirculation valve
- N316 - Intake manifold runner control valve
- T14a - 14-pin connector, near the



ge = yellow
or = orange
rs = pink

T60 - battery  - 60-pin connector
D189 - Connection 87a (in engine wiring harness)

Golf

Wiring Diagram

No. 134 / 15

Heated oxygen sensor, Radiator identification sensor, Vehicle electrical system control module, Engine control module, Leak detection pump

G39 - Heated oxygen sensor

G611- Radiator identification sensor

J519 - Vehicle electrical system control module

J623 - Engine control module, in the center plenum chamber

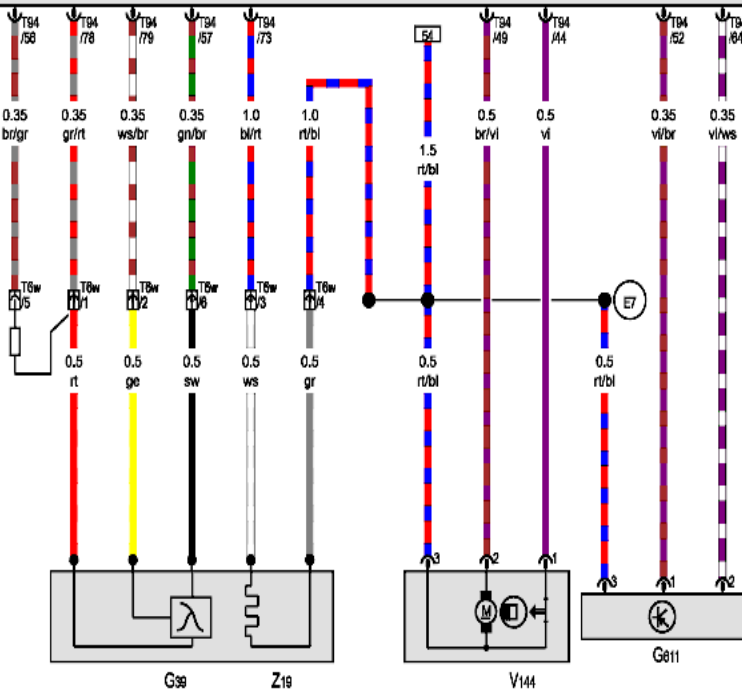
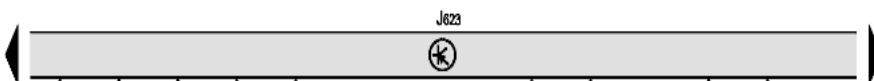
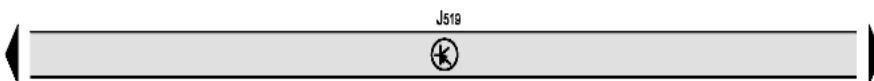
T6w - 6-pin connector, in the engine compartment, rear

T94 - 94-pin connector

V144 - Leak detection pump

Z19 - Oxygen sensor heater

E7 - Connection 87a (in Motronic multiform fuel injection wiring harness)



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vl = lilac
 ge = yellow
 or = orange
 rs = pink

183 184 185 186 187 188 189 190 191 192 193 194 195 196

624.194160715

Golf

Wiring Diagram

No. 134 / 16

Heated oxygen sensor 2, Oxygen sensor after three way catalytic converter, Vehicle electrical system control module, Engine control module

G108 - Heated oxygen sensor 2

G130- Oxygen sensor after three way catalytic converter

J519 - Vehicle electrical system control module

J623 - Engine control module, in the center plenum chamber

T4bi - 4-pin connector, near the oxygen sensor

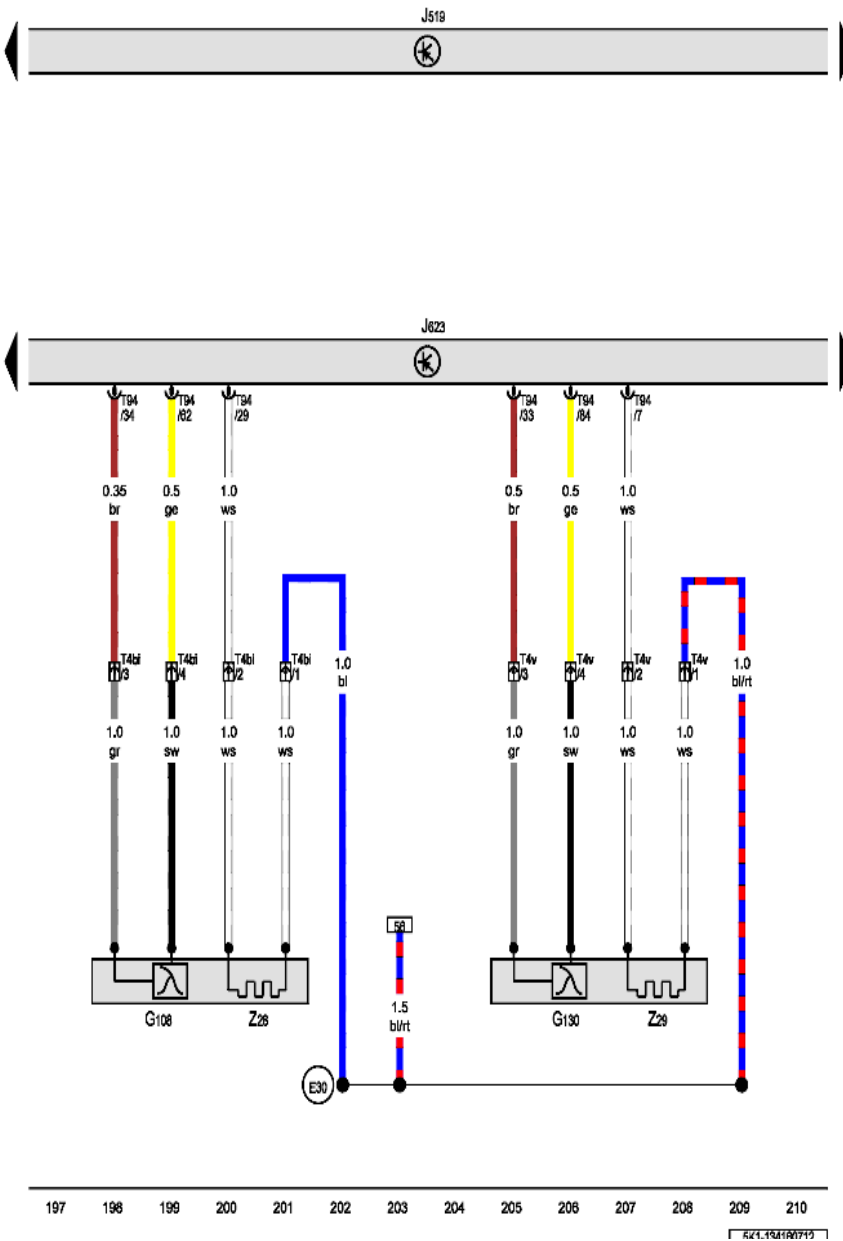
T4v - 4-pin connector, near the oxygen sensor

T94 - 94-pin connector

Z28 - Oxygen sensor 2 heater

Z29 - Heater for oxygen sensor 1 after catalytic converter

E30 - Connection 87a (in engine wiring harness)



Golf

Wiring Diagram

No. 134 / 17

Map controlled engine cooling thermostat, Mass airflow sensor, Engine coolant temperature sensor on radiator outlet, Vehicle electrical system control module, Engine control module

F265 - Map controlled engine cooling thermostat

G70 - Mass airflow sensor

G83 - Engine coolant temperature sensor on radiator outlet

J519 - Vehicle electrical system control module

J623 - Engine control module, in the center plenum chamber

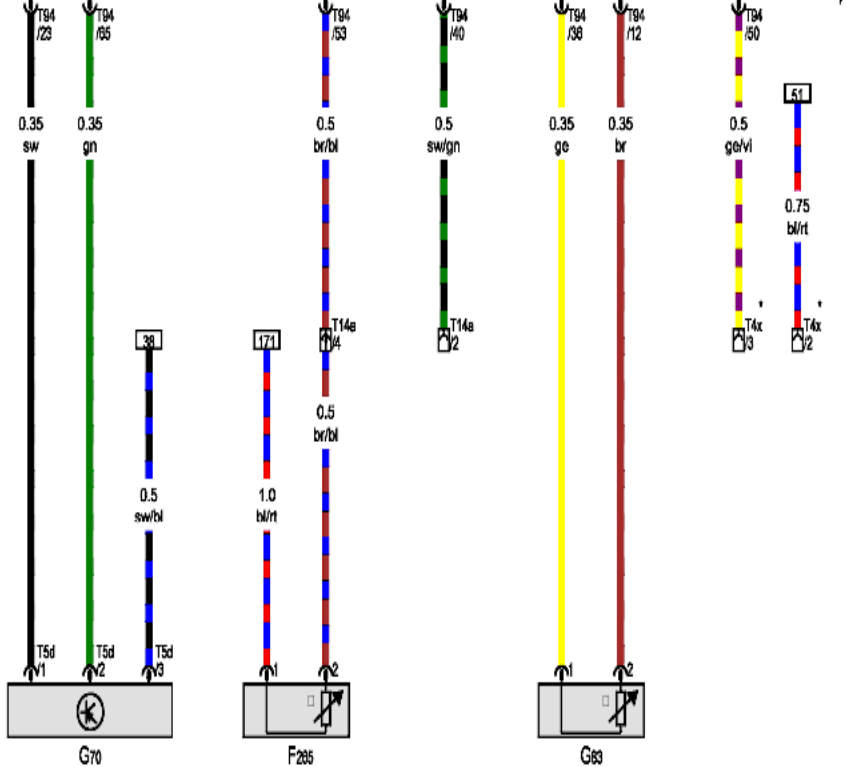
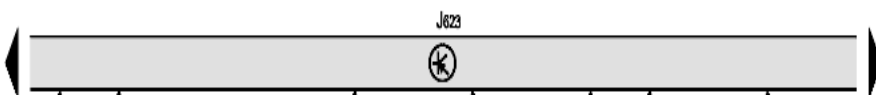
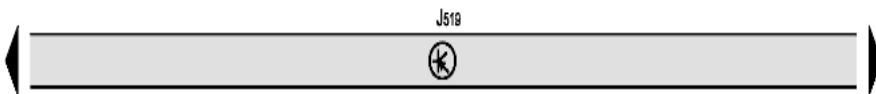
T4x - 4-pin connector, on the lower left coolant fan

T5d - 5-pin connector

T14a - 14-pin connector, near the battery

T94 - 94-pin connector

* - Coolant fan connection

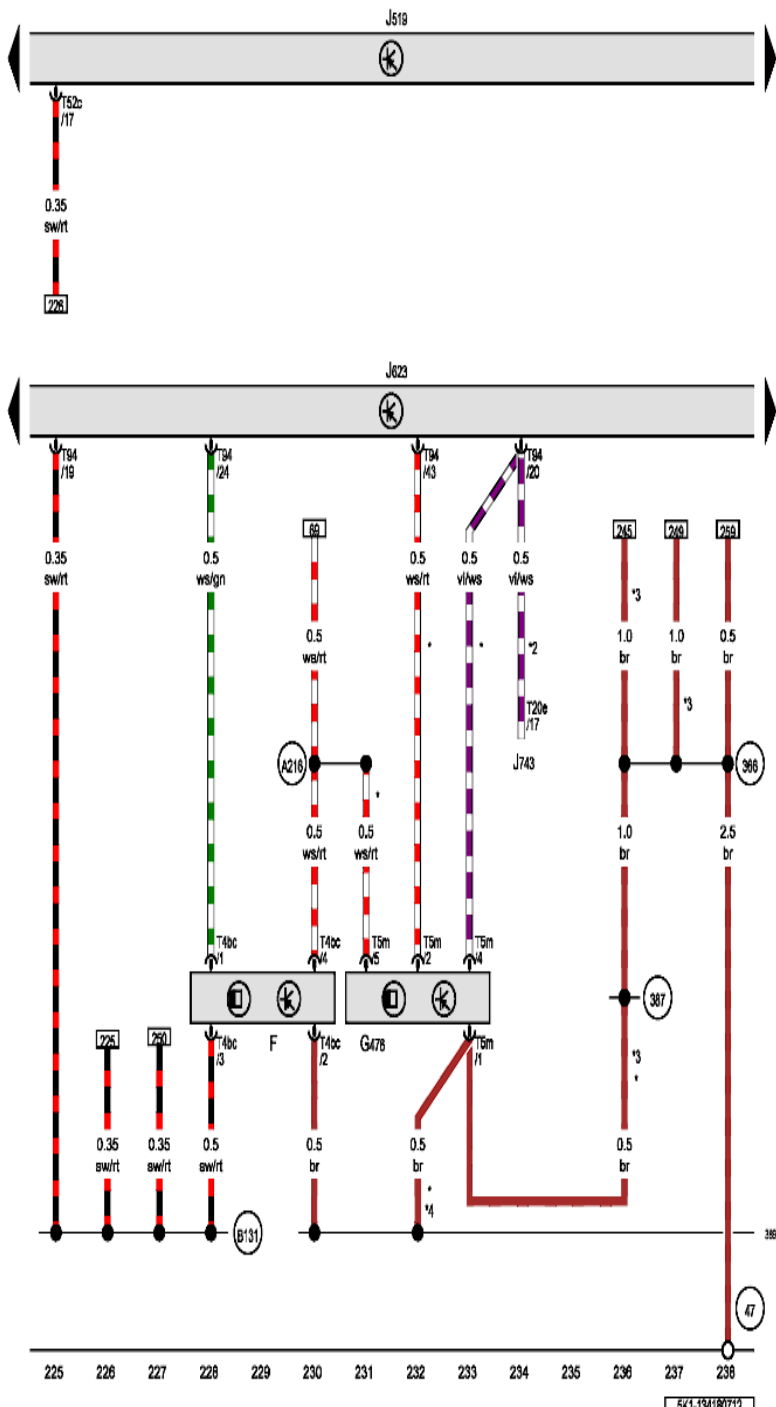


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 134 / 18



Brake lamp switch, Clutch position sensor, Vehicle electrical system control module, Engine control module

- F - Brake lamp switch
- G476 - Clutch position sensor
- J519 - Vehicle electrical system control module
- J623 - Engine control module, in the center plenum chamber
- J743- DSG transmission Mechatronic
- T4bc - 4-pin connector
- T5m - 5-pin connector
- T20e - 20-pin connector
- T94 - 94-pin connector
- 47 - Ground connection in right front footwell
- 366 - Ground connection 1 (in main wiring harness)
- 387 - Ground connection 22 (in main wiring harness)
- 389 - Ground connection 24 (in main wiring harness)
- A216 - Positive connection 2 (87a) (in instrument panel wiring harness)
- B131 - Connection 54 (in interior wiring harness)
- * - Only for vehicles with a manual transmission
- *2 - Only for vehicles with DSG transmission
- *3 - Only for right-hand drive vehicles
- *4 - Only for left-hand drive vehicles







ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

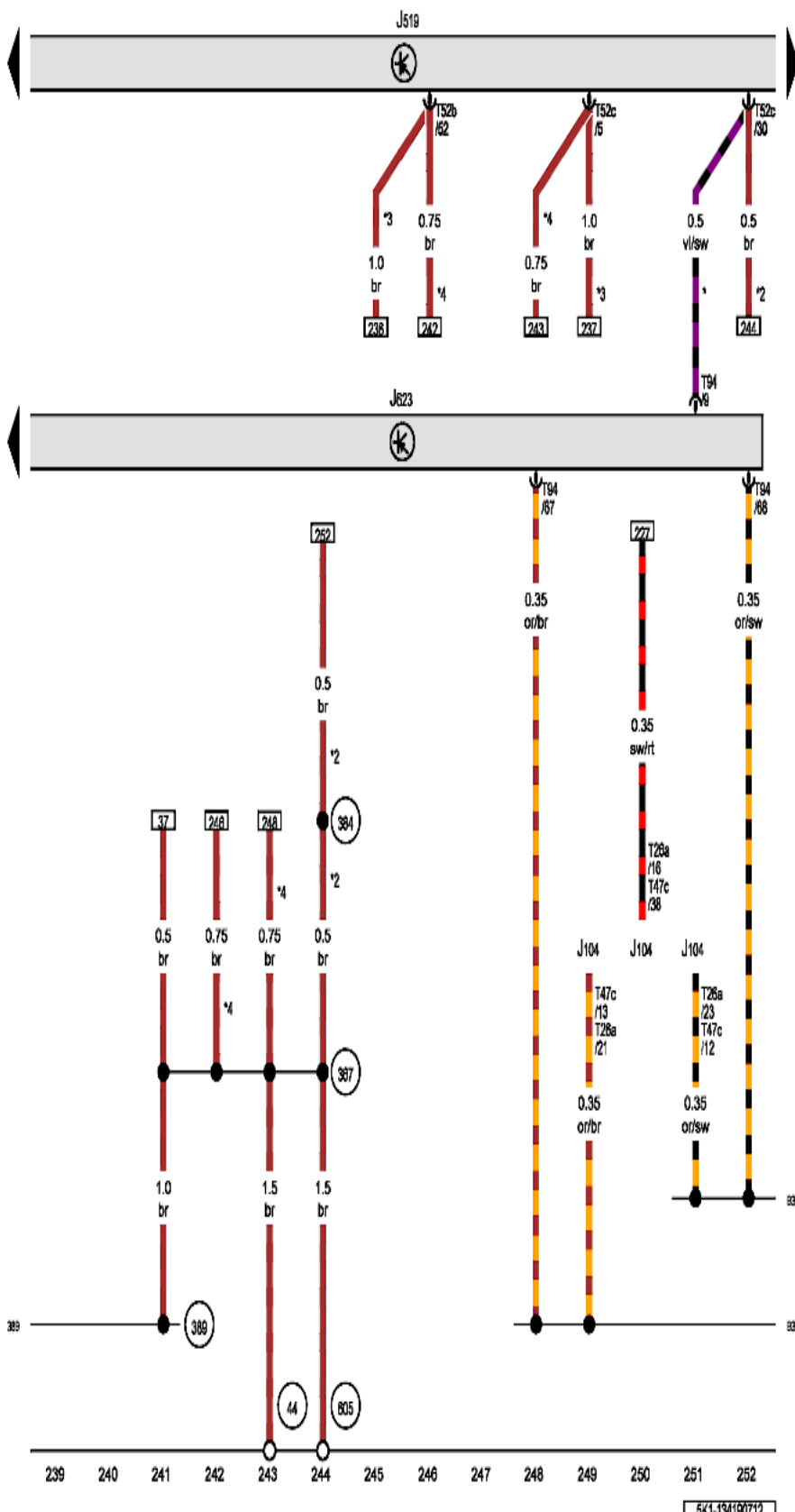
Golf

Wiring Diagram

No. 134 / 19

Vehicle electrical system control module, Engine control module

- J104- ABS control module  
- J519 - Vehicle electrical system control module 
- J623 - Engine control module, in the center plenum chamber 
- T26a - 26-pin connector
- T47c - 47-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- T94 - 94-pin connector
- 44 - Ground connection on A-pillar, lower left 
- 367 - Ground connection 2 (in main wiring harness)
- 384 - Ground connection 19 (in main wiring harness)
- 389 - Ground connection 24 (in main wiring harness)
- 605 - Ground connection on upper steering column 
- B383 - Powertrain CAN bus high connection 1





(in main wiring harness)
 - Powertrain CAN bus low connection 1 (in main wiring harness)
 B390
 * - Only for vehicles without access/start authorization system
 *2 - only for vehicles with access/start authorization system
 *3 - Only for right-hand drive vehicles
 *4 - Only for left-hand drive vehicles

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

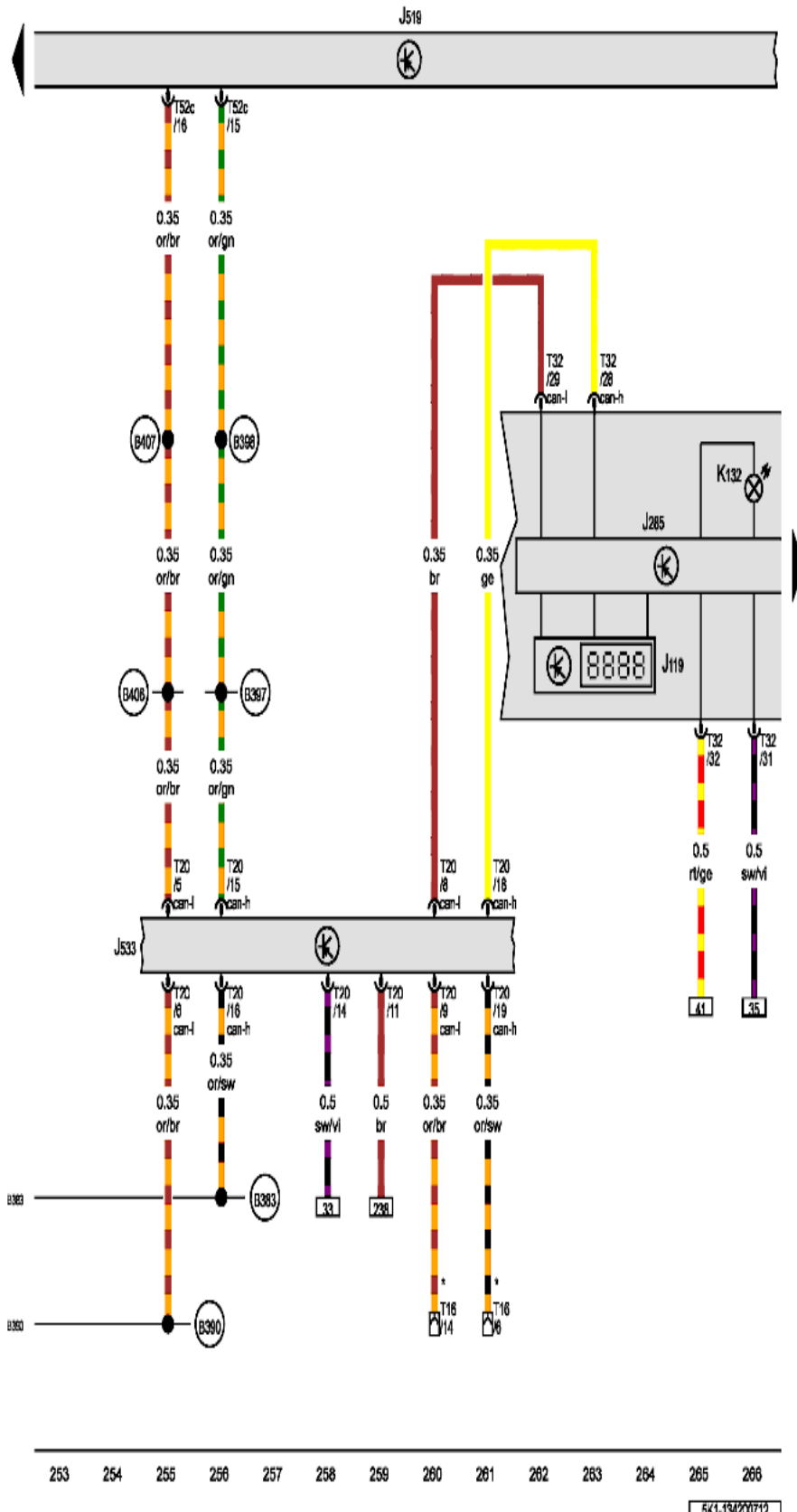
Golf

Wiring Diagram

No. 134 / 20

Multifunction indicator, Vehicle electrical system control module, Data bus on board diagnostic interface

- J119 - Multifunction indicator
- J285 - Instrument cluster control module
- J519 - Vehicle electrical system control module
- J533 - Data bus on board diagnostic interface, in the left footwell, near the center console
- K132 - Electronic power control malfunction indicator lamp
- T16 - 16-pin connector, under the instrument panel, left
- T20 - 20-pin connector
- T32 - 32-pin connector
- T52c - 52-pin connector
- B383 - Powertrain CAN bus high connection 1 (in main wiring harness)
- B390 - Powertrain CAN bus low connection 1 (in main wiring harness)
- B397 - Comfort system CAN





- bus high connection 1 (in main wiring harness)
- B398 - Comfort system CAN bus high connection 2 (in main wiring harness)
- B406 - Comfort system CAN bus low connection 1 (in main wiring harness)
- B407 - Comfort system CAN bus low connection 2 (in main wiring harness)
- * - Diagnostic connector

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

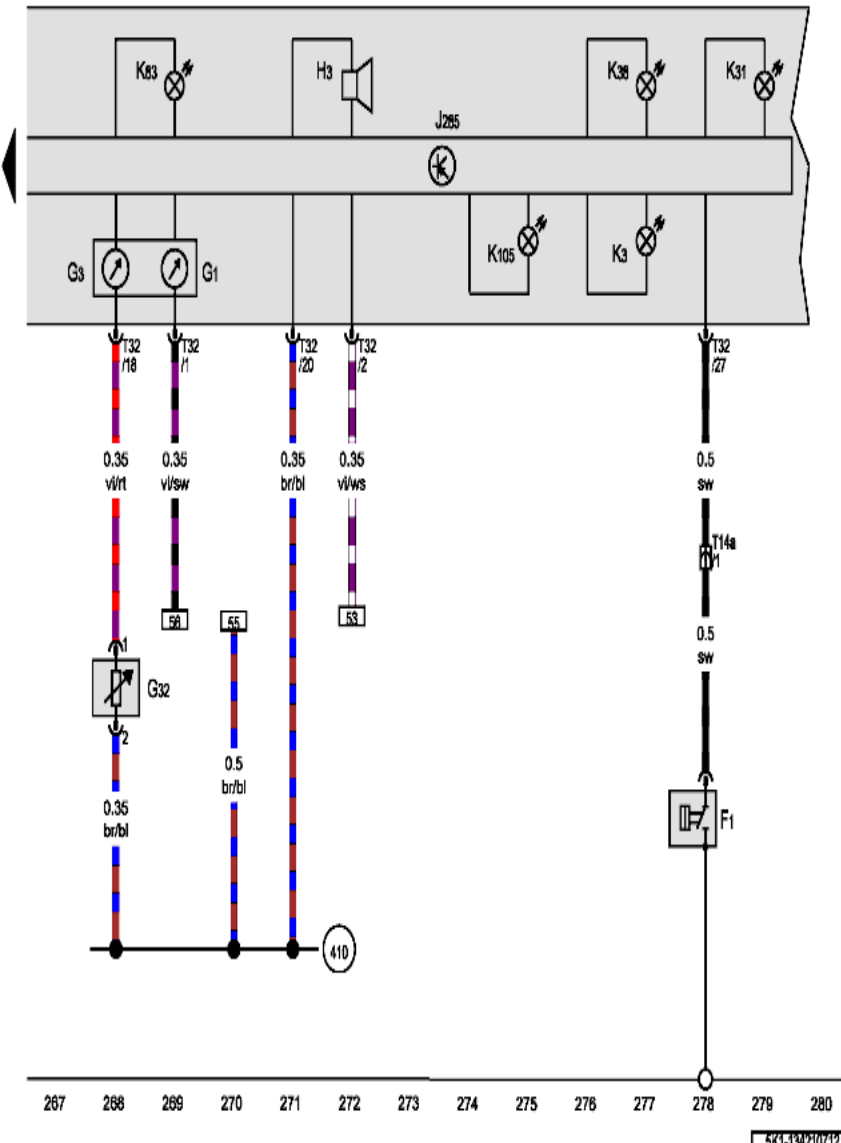
Golf

Wiring Diagram

No. 134 / 21

**Oil pressure switch,
Fuel gauge, Engine
coolant temperature
gauge, Engine
coolant level sensor,
Malfunction
indicator lamp**

- F1 - Oil pressure switch
- G1 - Fuel gauge
- G3 - Engine coolant temperature gauge
- G32 - Engine coolant level sensor
- H3 - Warning buzzer and tone
- J285 - Instrument cluster control module
- K3 - Oil pressure indicator lamp
- K31 - Cruise control indicator lamp
- K38 - Oil level indicator lamp
- K83 - Malfunction indicator lamp
- K105 - Low fuel level indicator lamp
- T14a - 14-pin connector, near the battery
- T32 - 32-pin connector
- 410 - Sensor ground connection 1 (in main wiring harness)



Golf

Wiring Diagram

No. 149 / 1

07.2012

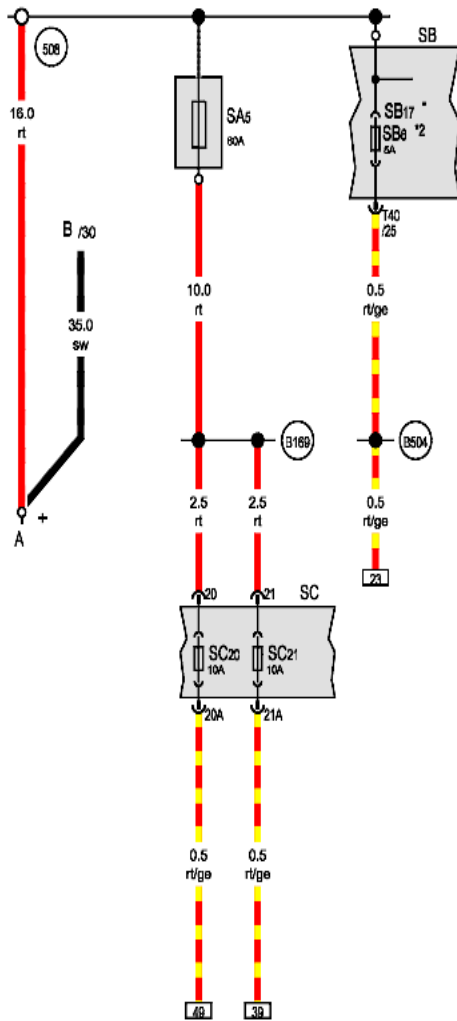
Access/start authorization (USA and Canada)

from May 2010

Golf

Wiring Diagram

No. 149 / 2



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

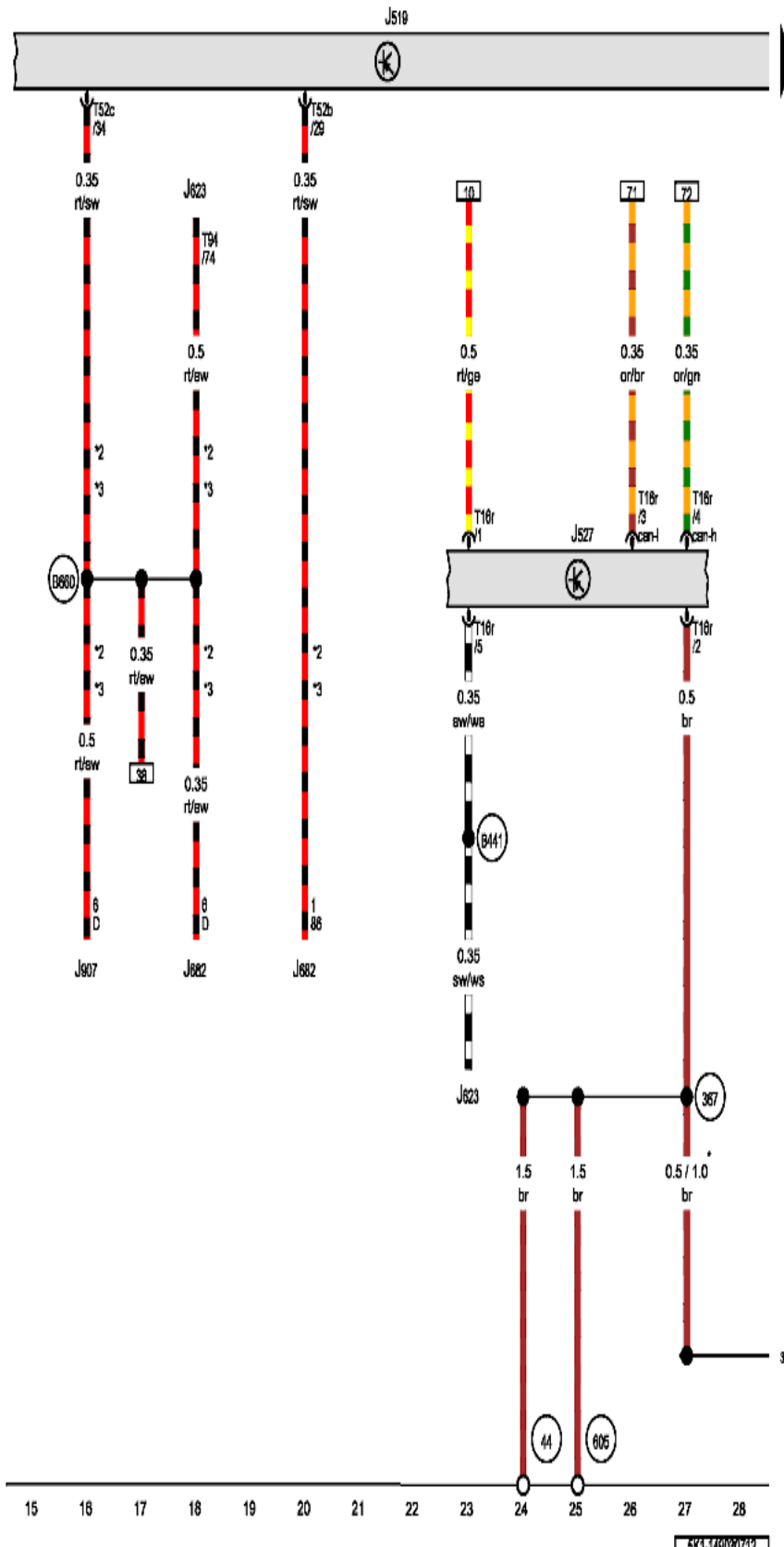
Fuse 5 (on fuse panel A), Fuse panel B, Fuse panel C

- A - Battery
- B - Starter
- SA5 - Fuse 5 (on fuse panel A)
- SB - Fuse panel B
- SB6 - Fuse 6 (on fuse panel B)
- SB17 - Fuse 17 (on fuse panel B)
- SC - Fuse panel C
- SC20 - Fuse 20 (on fuse panel C)
- SC21 - Fuse 21 (on fuse panel C)
- T40 - 40-pin connector
- 508 - Terminal 30 threaded connection (on E-box)
- B169 - Positive connection 1 (30) (in interior wiring harness)
- B504 - Positive connection 8 (30a) (in interior wiring harness)
- * - E-Box high
- *2 - E-Box low

Golf

Wiring Diagram

No. 149 / 3



- Vehicle electrical system control module, Steering column electronics control module**
- J519 - Vehicle electrical system control module
 - J527 - Steering column electronics control module
 - J623 - Engine control module
 - J682 - Terminal 50 power supply relay
 - J907 - Starter relay 2
 - T16r - 16-pin connector
 - T52b - 52-pin connector
 - T52c - 52-pin connector
 - T94 - 94-pin connector
 - 44 - Ground connection on A-pillar, lower left
 - 367 - Ground connection 2 (in main wiring harness)
 - 389 - Ground connection 24 (in main wiring harness)
 - 605 - Ground connection on upper steering column
 - B441 - Cruise control connection (in main wiring)

ws = white		
sw = black		
ro = red		
rt = red		
br = brown		
gn = green		
bl = blue		
gr = grey		
li = lilac	*	- from May 2011
vi = lilac		
ge = yellow	*2	- Depending on equipment
or = orange		
rs = pink		
	*3	- Refer to applicable engine wiring diagram

harness)
- Diagnostic terminal 50 connection (in main wiring harness)

Golf

Wiring Diagram

No. 149 / 4

Vehicle electrical system control module, Electronic steering column lock control module, Steering column lock actuator

F319 - Selector lever park position lock switch

J519 - Vehicle electrical system control module

J623 - Engine control module

J764 - Electronic steering column lock control module

N360 - Steering column lock actuator

T10s - 10-pin connector, under the selector lever

T16s - 16-pin connector

T52c - 52-pin connector

T94 - 94-pin connector

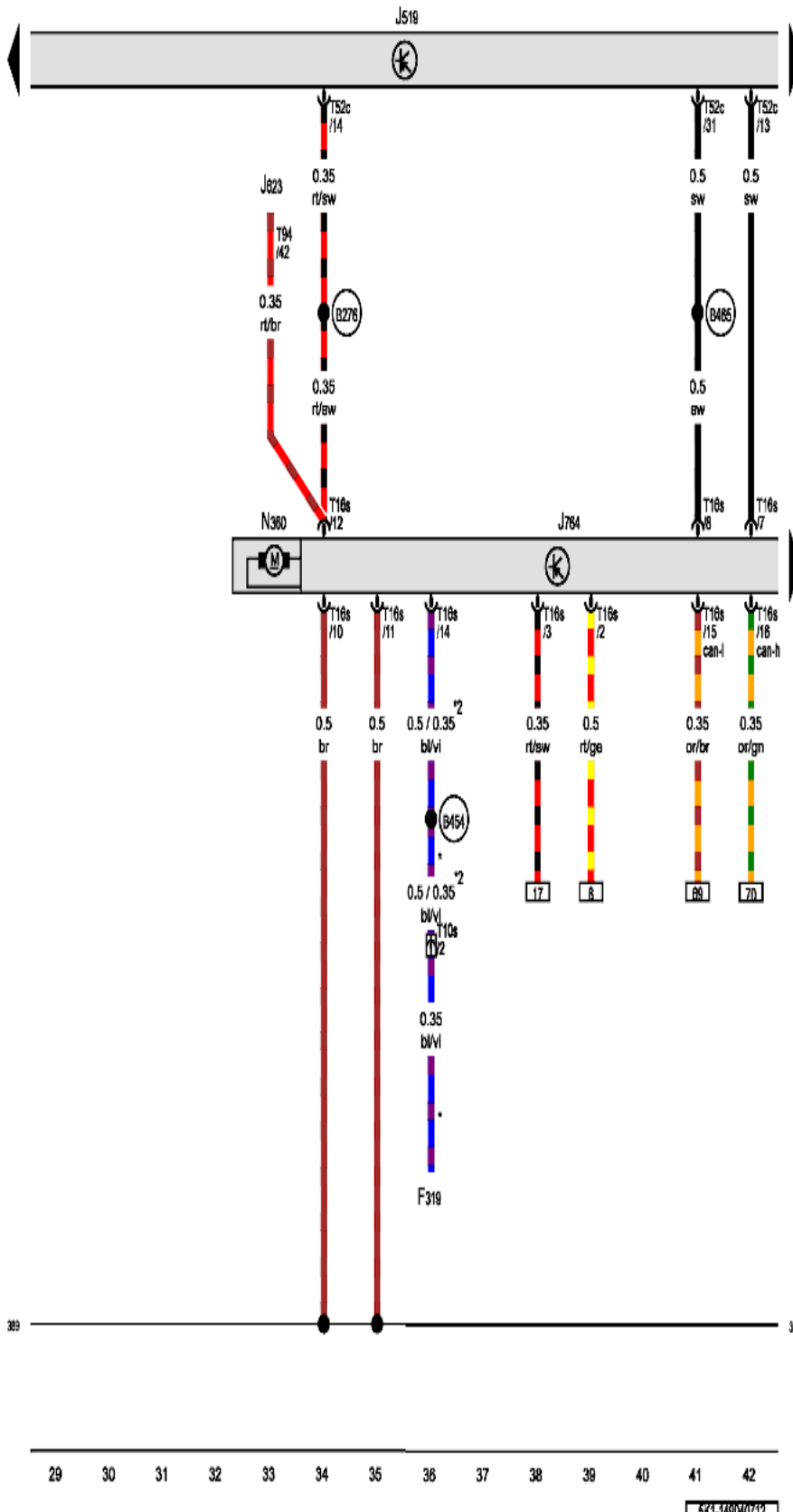
389 - Ground connection 24 (in main wiring harness)

B276 - Positive connection (50) (in main wiring harness)

B454 - Shift lock connection (in main wiring harness)

B465 - Connection 1 (in main wiring harness)

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange



29

29 30 31 32 33 34 35 36 37 38 39 40 41 42

424.1200719

rs = pink

*

- Only for vehicles with DSG transmission

*2

- from May 2011

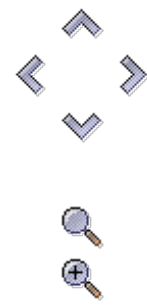
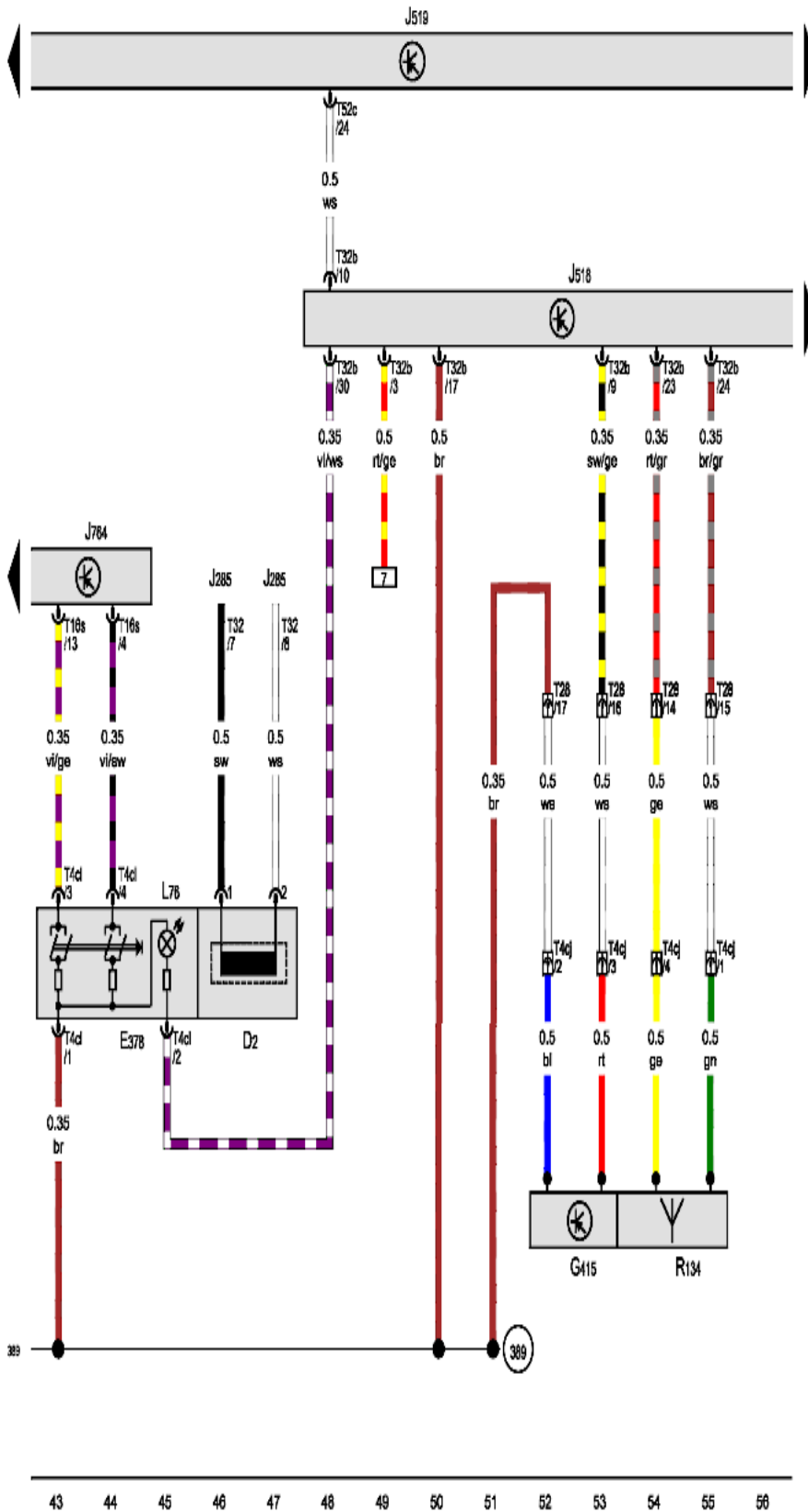
Golf

Wiring Diagram

No. 149 / 5

Anti-theft immobilizer reader coil, Start system button, Driver exterior door handle touch sensor, Access/start authorization control module, Vehicle electrical system control module, Electronic steering column lock control module, Driver access/start system antenna

- D2 - Anti-theft immobilizer reader coil
- E378 - Start system button
- G415 - Driver exterior door handle touch sensor
- J285 - Instrument cluster control module
- J518 - Access/start authorization control module, in the left rear side panel, behind the instrument panel, left, under the instrument panel, center
- J519 - Vehicle electrical system control module
- J764 - Electronic steering column lock control module
- L76 - Push button illumination bulb
- R134 - Driver access/start





	system antenna
T4cj	- 4-pin connector
T4cl	- 4-pin connector
T16s	- 16-pin connector
T28	- 28-pin connector, in the left A-pillar connector station
ws = white sw = black ro = red rt = red br = brown gn = green bl = blue gr = grey li = lilac vi = lilac ge = yellow or = orange rs = pink	T32 - 32-pin connector
	T32b - 32-pin connector
	T52c - 52-pin connector
	389 - Ground connection 24 (in main wiring harness)

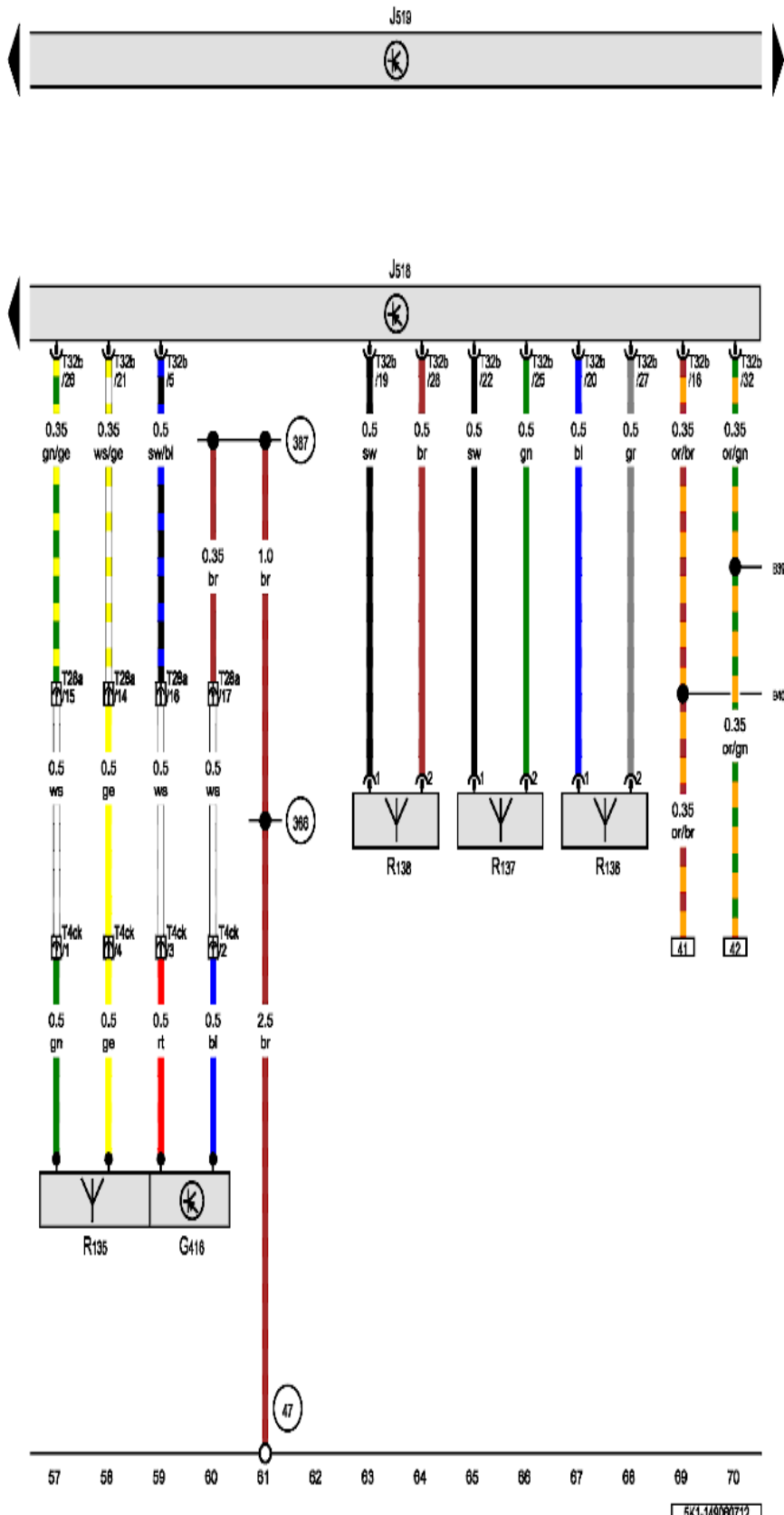
Golf

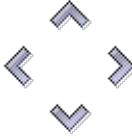





Wiring Diagram

No. 149 / 6

Front passenger exterior door handle touch sensor, Access/start authorization control module, Vehicle electrical system control module, Front passenger access/start system antenna, Access/start system antenna in rear bumper, Access/start system antenna in luggage compartment, Access/start system antenna 1 in vehicle interior

- G416 - Front passenger exterior door handle touch sensor
- J518 - Access/start authorization control module, in the left rear side panel, behind the instrument panel, left, under the instrument panel, center
- J519 - Vehicle electrical system control module
- R135 - Front passenger access/start system antenna
- R136 - Access/start system antenna in rear bumper
- R137 - Access/start system antenna in luggage compartment
- R138 - Access/start system antenna 1 in vehicle



	T4ck	- 4-pin connector	interior 
	T28a	- 28-pin connector, in the connector station, right A-pillar 	
	T32b	- 32-pin connector	
	47	- Ground connection in right front footwell 	
	366	- Ground connection 1 (in main wiring harness)	
	387	- Ground connection 22 (in main wiring harness)	
	B397	- Comfort system CAN bus high connection 1 (in main wiring harness)	
	B406	- Comfort system CAN bus low connection 1 (in main wiring harness)	

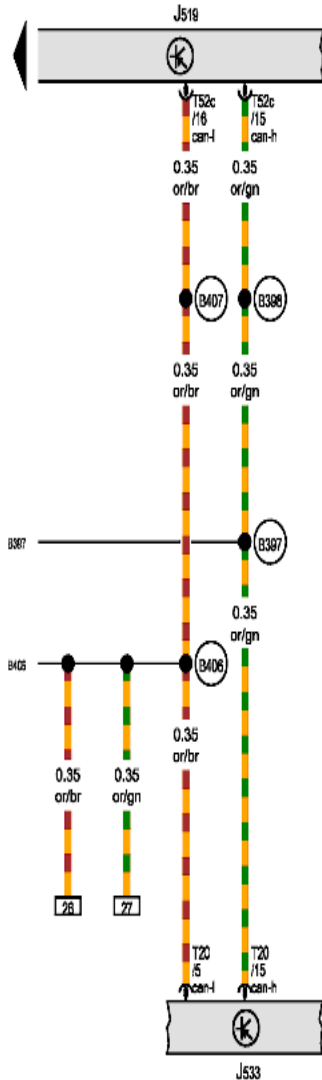
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 149 / 7

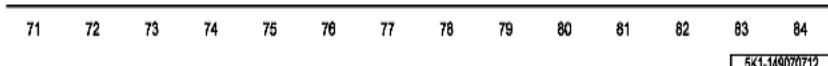
Vehicle electrical system control module, Data bus on board diagnostic interface



- J519 - Vehicle electrical system control module
- J533 - Data bus on board diagnostic interface, in the left footwell, near the center console
- T20 - 20-pin connector
- T52c - 52-pin connector
- B397 - Comfort system CAN bus high connection 1 (in main wiring harness)
- B398 - Comfort system CAN bus high connection 2 (in main wiring harness)
- B406 - Comfort system CAN bus low connection 1 (in main wiring harness)
- B407 - Comfort system CAN bus low connection 2 (in main wiring harness)



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink



Golf

Wiring Diagram

No. 55 / 1

01.2010

Airbag Systems USA/Canada

- **Driver's And Front Passenger's Airbag**
- **Safety Belt Tensioner**
- **Safety Belt Buckle Control**
- **Head Curtain Airbag**
- **Side Airbag**
- **Seat Occupied Recognition**

from May 2009

Note:

Information for

- ◆ Relay and fuse arrangements
- ◆ Connector arrangements
- ◆ Control Modules and Relays
- ◆ Ground connections

→ Component Locations

Information for

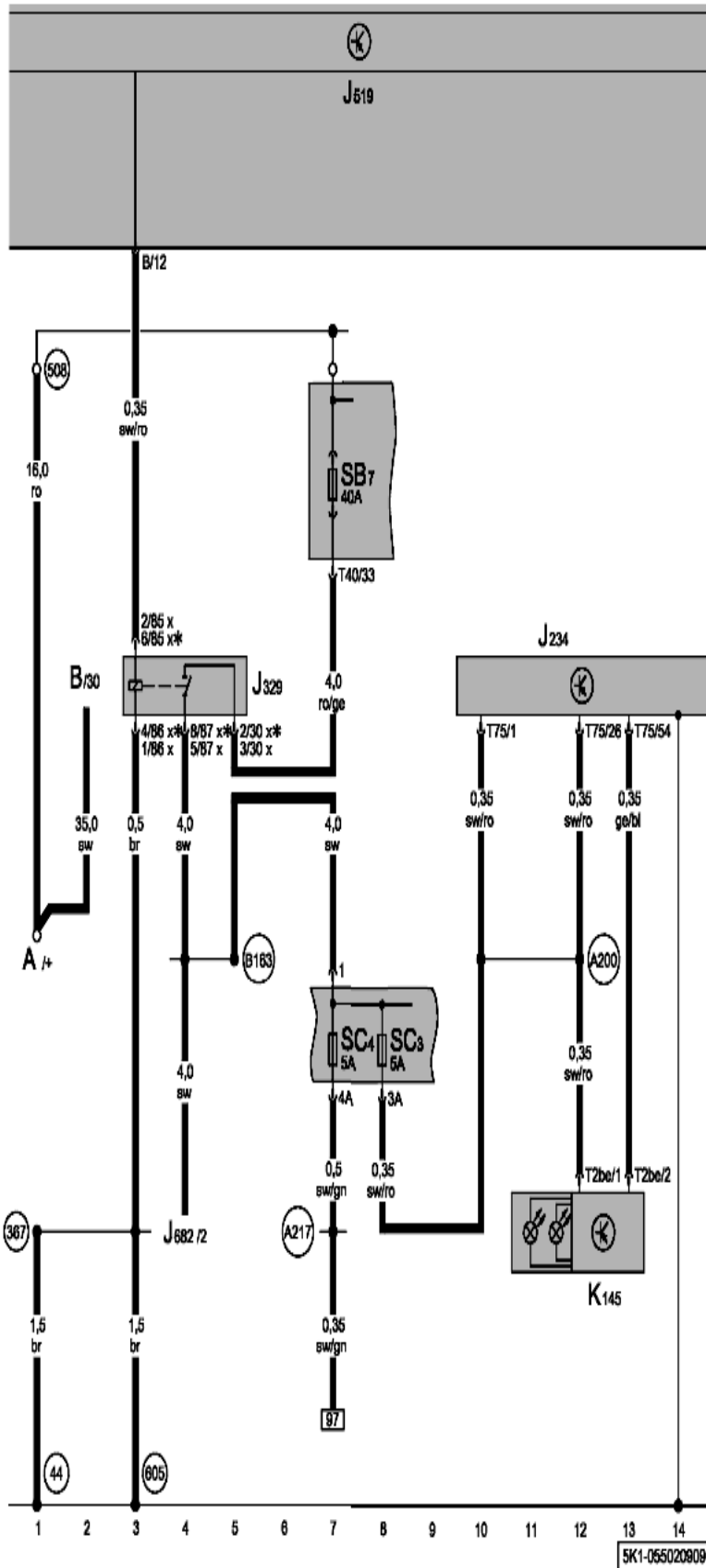
- ◆ Troubleshooting Procedures

→ Guided Fault Finding using VAS 5051 / 5052

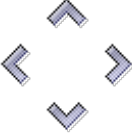


Golf

Wiring Diagram

No. 55 / 2



- Airbag Control Module, Power Supply Relay (terminal 15), Front Passenger's Airbag Disabled Indicator Lamp**
- A - Battery
 - B - Starter
 - J234 - Airbag Control Module, behind lower console
 - J329 - Power Supply Relay (terminal 15) (53)
 - J519 - Vehicle Electrical System Control Module
 - J682 - Power Supply Relay (terminal 50)
 - K145 - Front Passenger Airbag Disabled Indicator Lamp
 - SB7 - Fuse 7 (on fuse panel B)
 - SC3 - Fuse 3 (on fuse panel C)
 - SC4 - Fuse 4 (on fuse panel C)
 - T2be - Double Connector
 - T40 - 40-Pin Connector
 - T75 - 75-Pin Connector
 - 44 - Ground Connection (on left lower A-pillar)
 - 367 - Ground Connection 2 (in main)

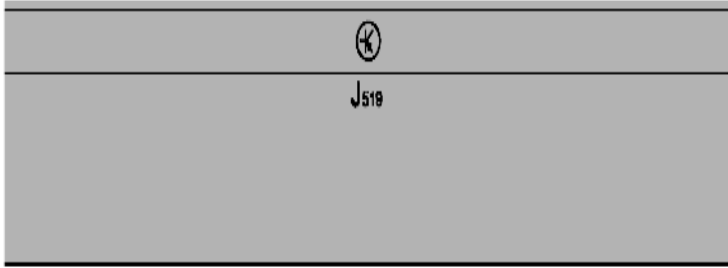
- 
508
- wiring harness)
- Threaded Connection terminal 30 (on electronics box)
- 
605
- Ground Connection (on upper steering column) 
- A200
- Plus Connection 5 (15a) (in instrument panel wiring harness)
- A217
- Plus Connection 8 (15a) (in instrument panel wiring harness)
- B163
- Plus Connection 1 (15) (in interior wiring harness)
- X
- From November 2009
- x*
- Through October 2009

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 55 / 3



Airbag Control Module, Driver's Airbag Igniter, Driver's/ Front Passenger's Front Airbag Crash Sensor, Front Passenger's Airbag Igniter

F138 - Airbag Spiral Spring

G283- Driver's Front Airbag Crash Sensor, on left headlamp

G284- Front Passenger's Front Airbag Crash Sensor, on right headlamp

J234 - Airbag Control Module, behind lower console

J519 - Vehicle Electrical System Control Module

J527 - Steering Column Electronic Systems Control Module

N95 - Driver's Airbag Igniter

N131 - Front Passenger's Airbag Igniter 1

N132 - Front Passenger's Airbag Igniter 2

T4k - 4-Pin Connector

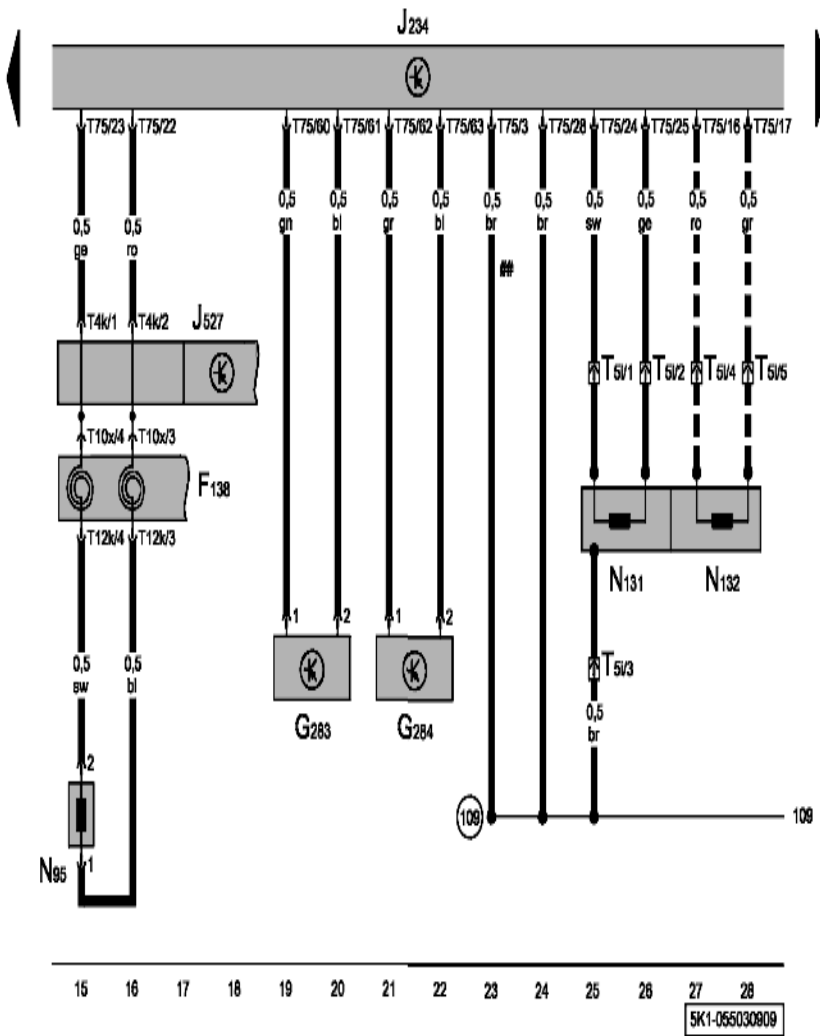
T5i - 5-Pin Connector, behind front passenger's airbag

T10x - 10-Pin Connector

T12k - 12-Pin Connector

T75 - 75-Pin Connector

- Ground



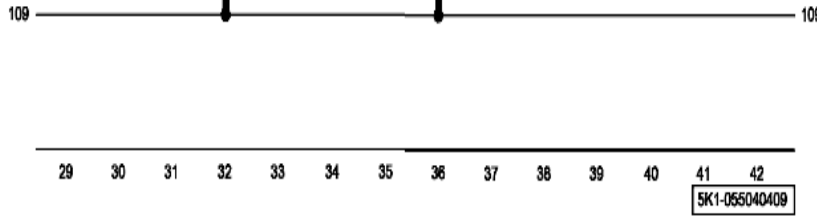
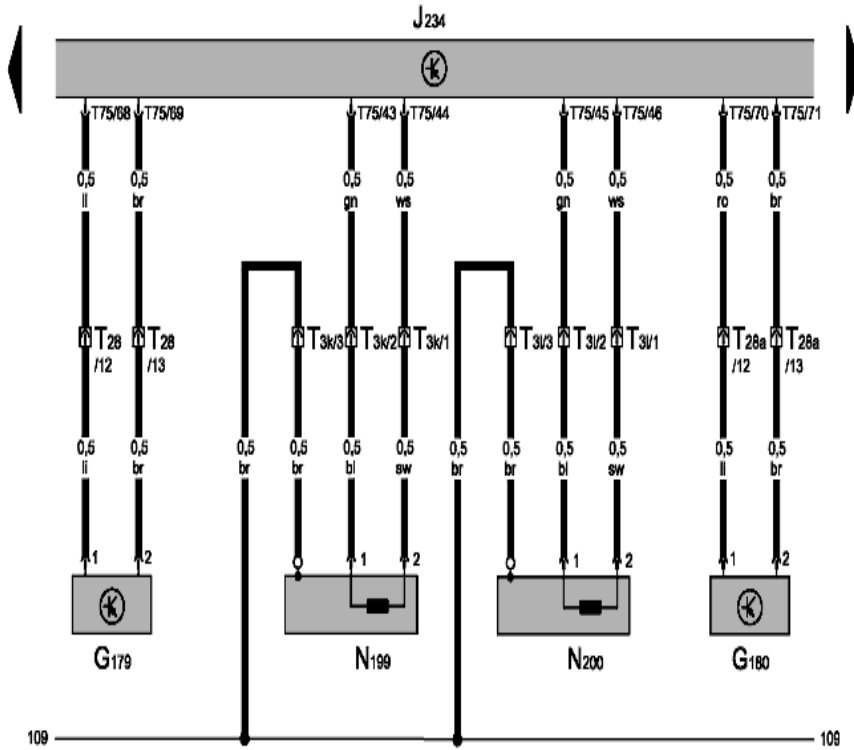
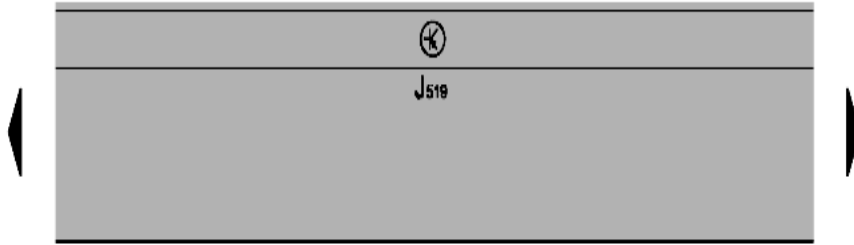
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey

li = lilac	109	Connection (in
vi = lilac		airbag wiring
ge = yellow		harness)
or = orange	---	- Only models
rs = pink		with seat
		occupied
		recognition
	##	- from October
		2009

Golf

Wiring Diagram

No. 55 / 4



Airbag Control Module, Side Airbag Crash Sensors, Side Airbag Igniter

- G179- Driver's Side Airbag Crash Sensor
- G180- Front Passenger's Side Airbag Crash Sensor
- J234 - Airbag Control Module, behind lower console
- J519 - Vehicle Electrical System Control Module
- N199 - Driver's Side Airbag Igniter
- N200 - Front Passenger's Side Airbag Igniter
- T3k - 3-Pin Connector, below driver's seat
- T3l - 3-Pin Connector, below front passenger's seat
- T28 - 28-Pin Connector, behind left lower A-pillar trim
- T28a - 28-Pin Connector, behind right lower A-pillar trim
- T75 - 75-Pin Connector



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

Golf

Wiring Diagram

No. 55 / 5



Airbag Control Module, Rear Side
Airbag Crash Sensors, Head Curtain Airbag Igniter

G256 - Rear Side Airbag Crash Sensor (on driver's side)

G257 - Rear Side Airbag Crash Sensor (on front passenger's side)

J234 - Airbag Control Module, behind lower console

J519 - Vehicle Electrical System Control Module

N251 - Driver's Head Curtain Airbag Igniter

N252 - Front Passenger's Head Curtain Airbag Igniter

T3m - 3-Pin Connector, behind left C-pillar trim

T3n - 3-Pin Connector, behind right C-pillar trim

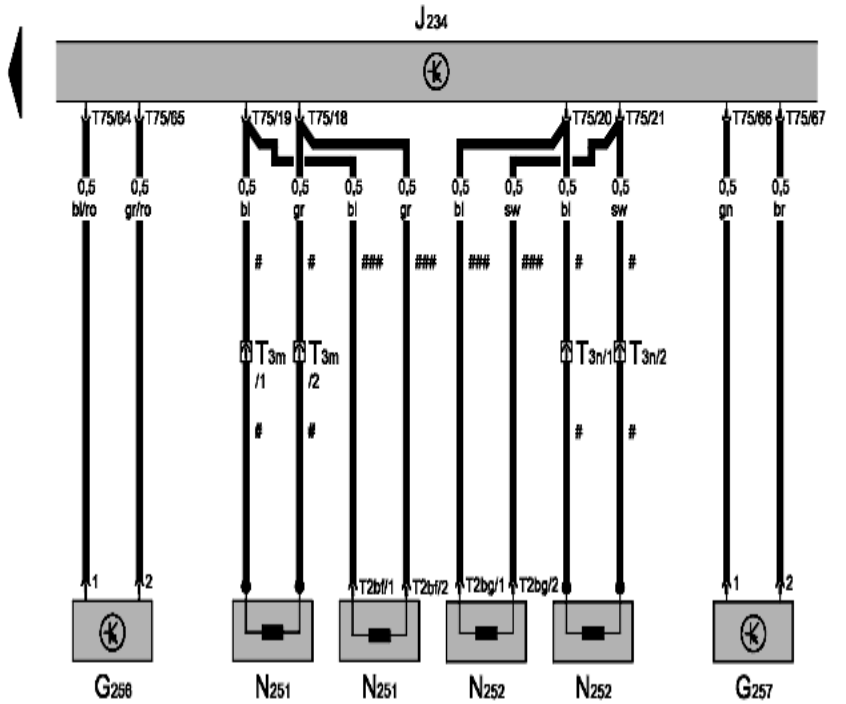
T2bf - Double Connector

T2bg - Double Connector

T75 - 75-Pin Connector

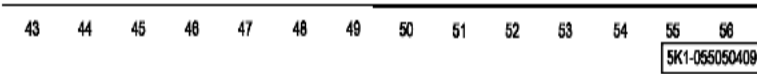
- Only 4-door models

- Only 2-door models



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

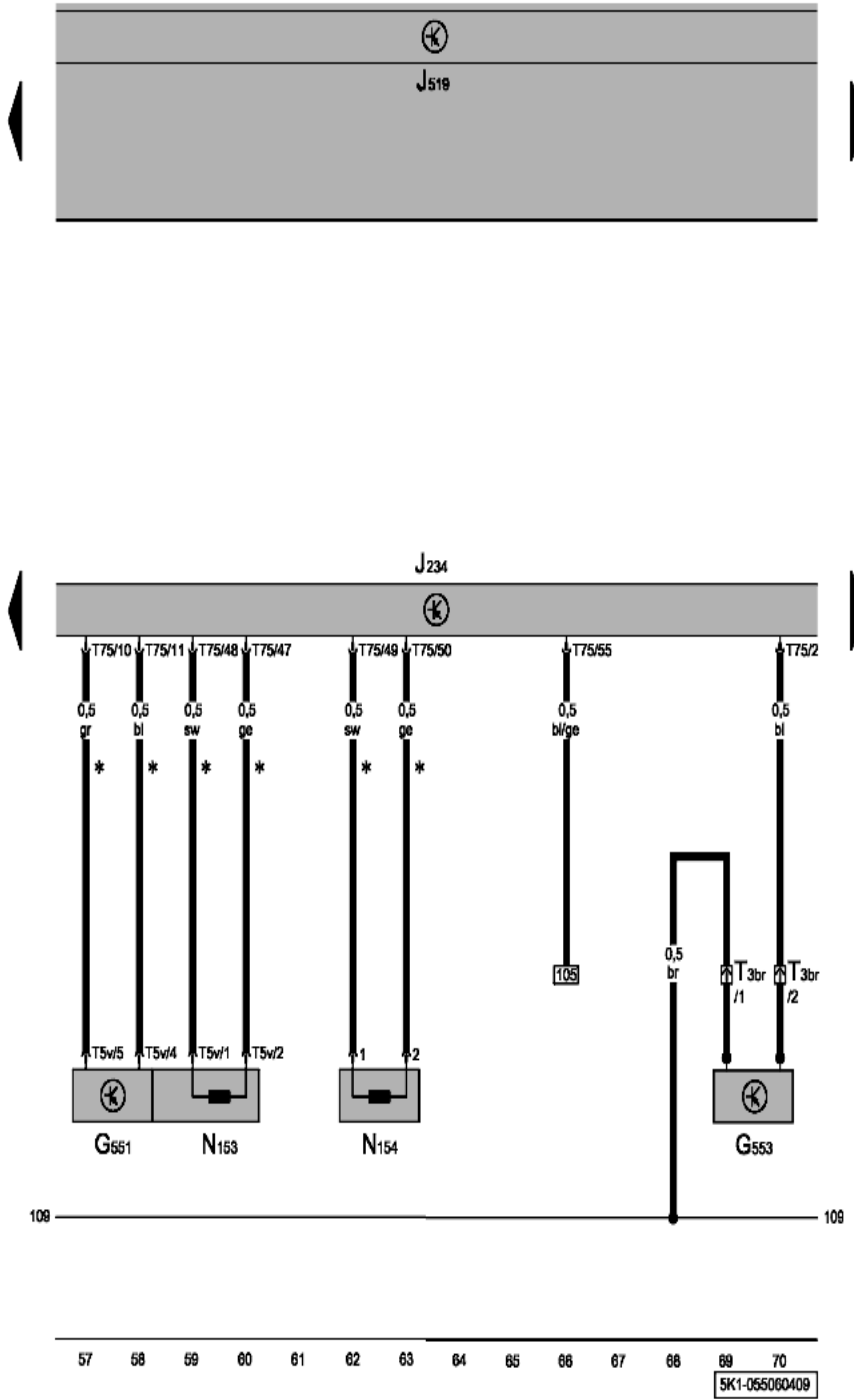
108 _____ 109



Golf

Wiring Diagram

No. 55 / 6



Airbag Control Module, Driver Belt Force Limiter, Safety Belt Tensioner Igniter, Safety Belt Switch, Driver Seat Position Sensor

G551 - Driver Belt Force Limiter

G553 - Driver Seat Position Sensor

J234 - Airbag Control Module, behind lower console

J519 - Vehicle Electrical System Control Module

N153 - Driver's Safety Belt Tensioner Igniter 1

N154 - Front Passenger's Safety Belt Tensioner Igniter 1

T3br - 3-Pin Connector, below driver's seat

T5v - 5-Pin Connector

T75 - 75-Pin Connector

* - Only models with front safety belt tensioner

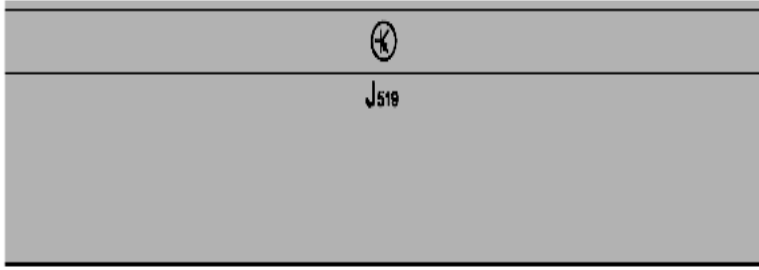


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

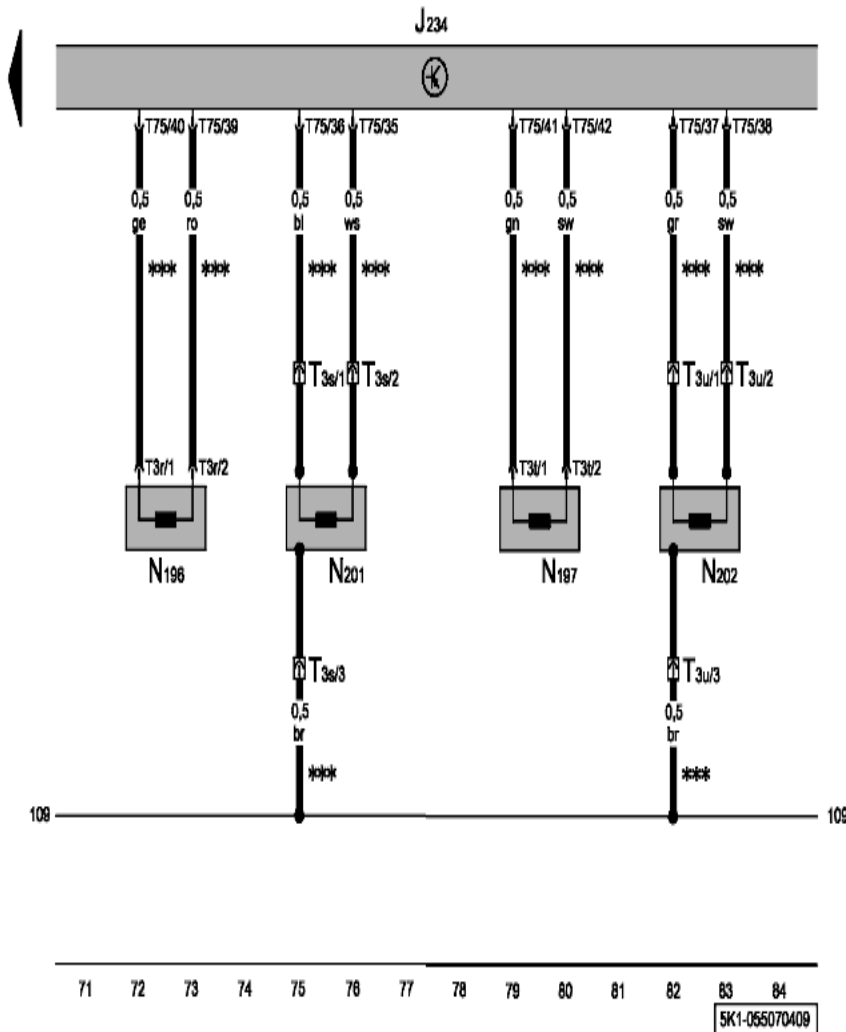
Wiring Diagram

No. 55 / 7



Airbag Control Module, Rear Safety Belt Tensioner Igniter, Rear Side Airbag Igniter

- J234 - Airbag Control Module, behind lower console
- J519 - Vehicle Electrical System Control Module



- N196 - Rear Safety Belt (driver's side) Tensioner Igniter
- N197 - Rear Safety Belt (front passenger's side) Tensioner Igniter
- N201 - Rear Side Airbag (front driver's side) Igniter
- N202 - Rear Passenger's Side Airbag (front passenger's side) Igniter

- T3r - 3-Pin Connector
- T3s - 3-Pin Connector, behind rear left side panel trim
- T3t - 3-Pin Connector
- T3u - 3-Pin Connector, behind right side panel trim
- T75 - 75-Pin Connector

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

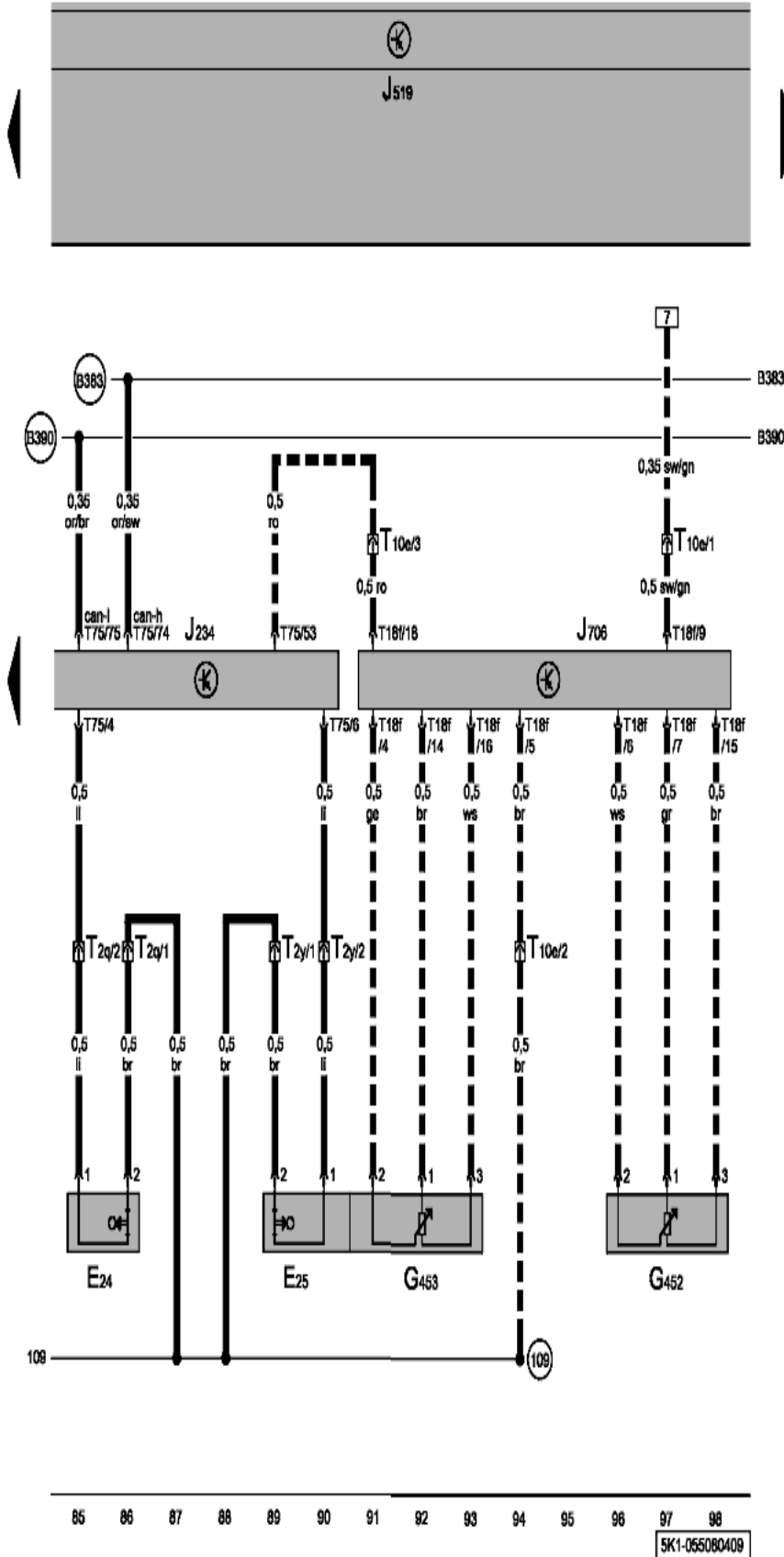
*** - Only models with rear side airbag/ rear

safety belt
tensioner

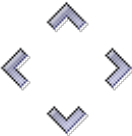



Golf

Wiring Diagram

No. 55 / 8



- Airbag Control Module, Safety Belt Switch, Seat Occupied Recognition Control Module, Seat Occupied Recognition Control Module, Seat Occupied Recognition Pressure Sensor**
- E24 - Driver's Safety Belt Switch
- E25 - Front Passenger's Safety Belt Switch
- G452 - Seat Occupied Recognition Pressure Sensor
- G453 - Seat Occupied Recognition Safety Belt Force Sensor
- J234 - Airbag Control Module, behind lower console
- J519 - Vehicle Electrical System Control Module
- J706 - Seat Occupied Recognition Control Module, below front passenger's seat
- T2q - Double Connector, below driver's seat
- T2y - Double Connector, below front

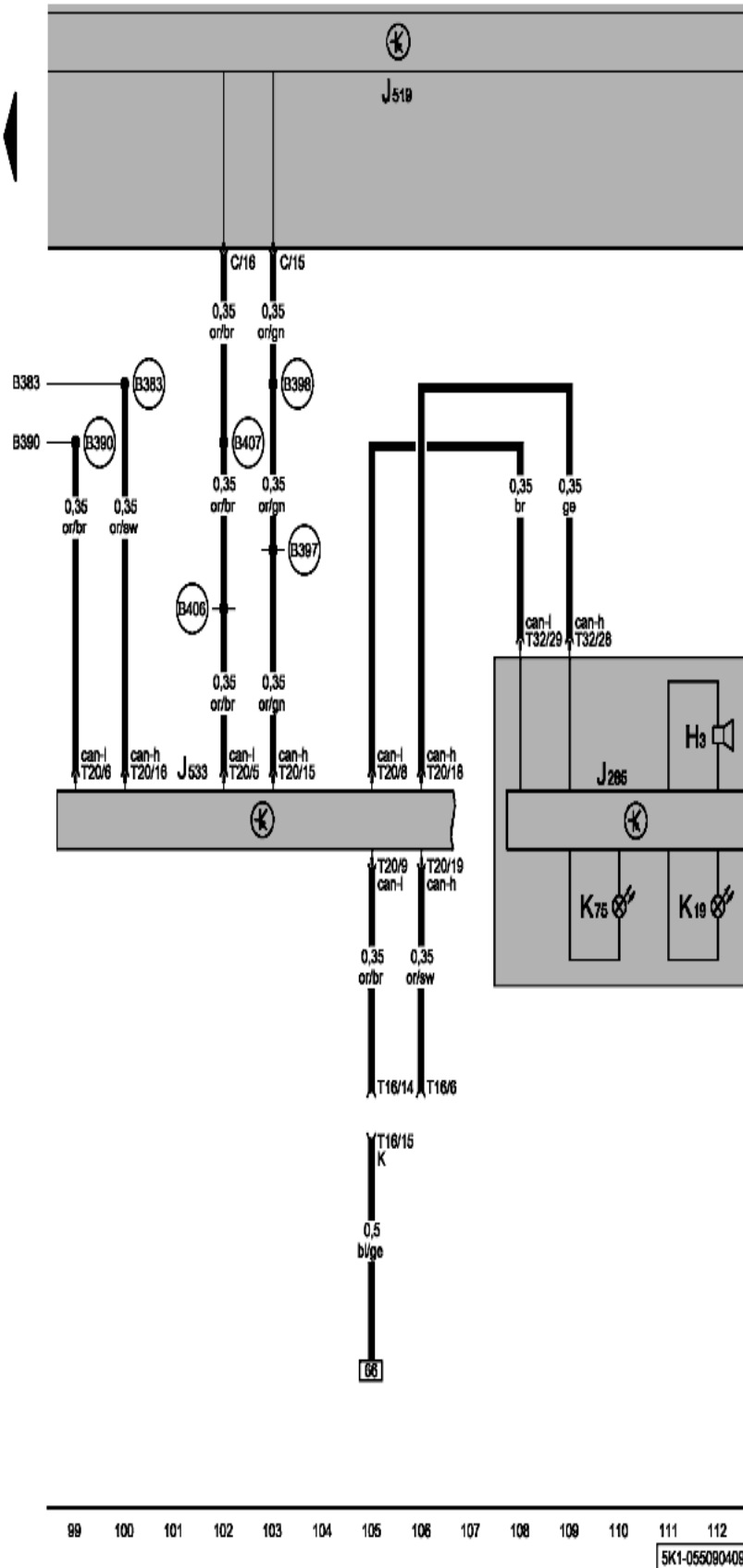
	T10e	- 10-Pin Connector, below front passenger's seat
	T18f	- 18-Pin Connector
	T75	- 75-Pin Connector
	109	- Ground Connection (in airbag wiring harness)
	B383	- Powertrain CAN-Bus High Connection 1 (in main wiring harness)
	B390	- Powertrain CAN-Bus Low Connection 1 (in main wiring harness)
	---	- Only models with seat occupied recognition

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

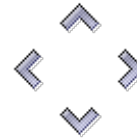
Golf

Wiring Diagram

No. 55 / 9



- Airbag Control Module, Data Bus On Board Diagnostic Interface, Data Link Connector (DLC), Airbag Malfunction Indicator Lamp (MIL), Safety Belt Warning Lamp**
- H3 - Warning Buzzer
- J285 - Instrument Cluster Control Module with display unit
- J519 - Vehicle Electrical System Control Module
- J533 - Data Bus On Board Diagnostic Interface, in left footwell, near center console
- K19 - Safety Belt Warning Lamp
- K75 - Airbag Malfunction Indicator Lamp (MIL)
- T16 - 16-Pin Connector, under instrument panel, left, Data Link Connector (DLC)
- T20 - 20-Pin Connector
- T32 - 32-Pin Connector
- B383 - Powertrain CAN-Bus High Connection 1 (in main wiring harness)
- B390 - Powertrain CAN-Bus



B397

Low
 Connection 1
 (in main
 wiring
 harness)

- Comfort
 System
 CAN-Bus
 High



B398

Connection 1
 (in main
 wiring
 harness)

- Comfort
 System
 CAN-Bus
 High

Connection 2
 (in main
 wiring
 harness)

B406

- Comfort
 System
 CAN-Bus

Low
 Connection 1
 (in main
 wiring
 harness)

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

B407

- Comfort
 System
 CAN-Bus

Low
 Connection 2
 (in main
 wiring
 harness)

Golf

Wiring Diagram

No. 71 / 1

01.2012

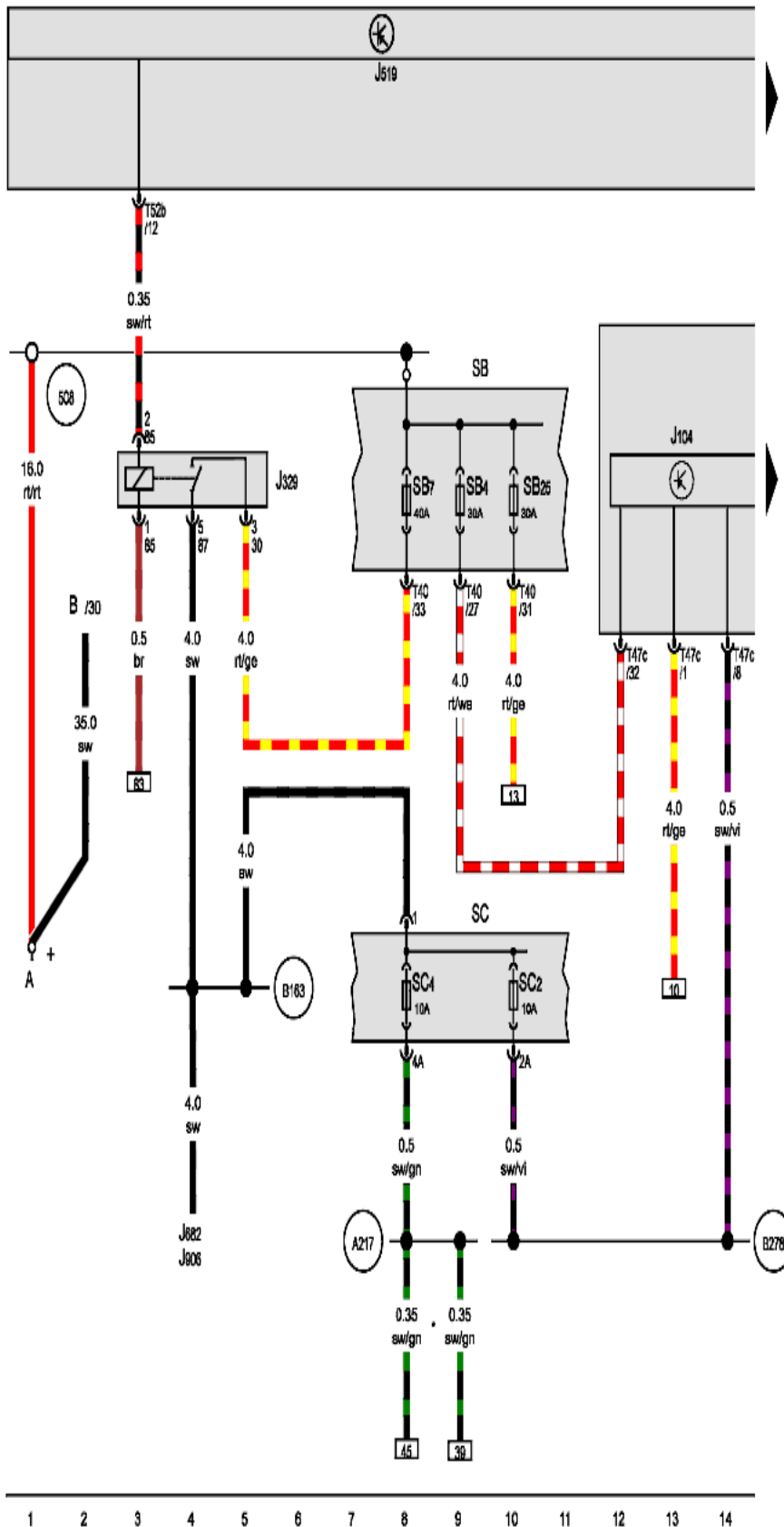
Anti-Lock Brake System (ABS) with EDL and ASR and ESP

from November 2009

Golf

Wiring Diagram

No. 71 / 2



ABS control module, Terminal 15 power supply relay, Fuse panel B, Fuse panel C

- A - Battery
- B - Starter
- J104 - ABS control module, in the engine compartment, right
- J329 - Terminal 15 power supply relay
- J519 - Vehicle electrical system control module
- J682 - Terminal 50 power supply relay
- J906 - Starter relay 1
- SB - Fuse panel B
- SC - Fuse panel C
- SC2 - Fuse 2 (on fuse panel C)
- SB4 - Fuse 4 (on fuse panel B)
- SC4 - Fuse 4 (on fuse panel C)
- SB7 - Fuse 7 (on fuse panel B)
- SB25 - Fuse 25 (on fuse panel B)
- T40 - 40-pin connector
- T47c - 47-pin connector
- T52b - 52-pin connector
- 508 - Terminal 30 threaded connection (on E-box)

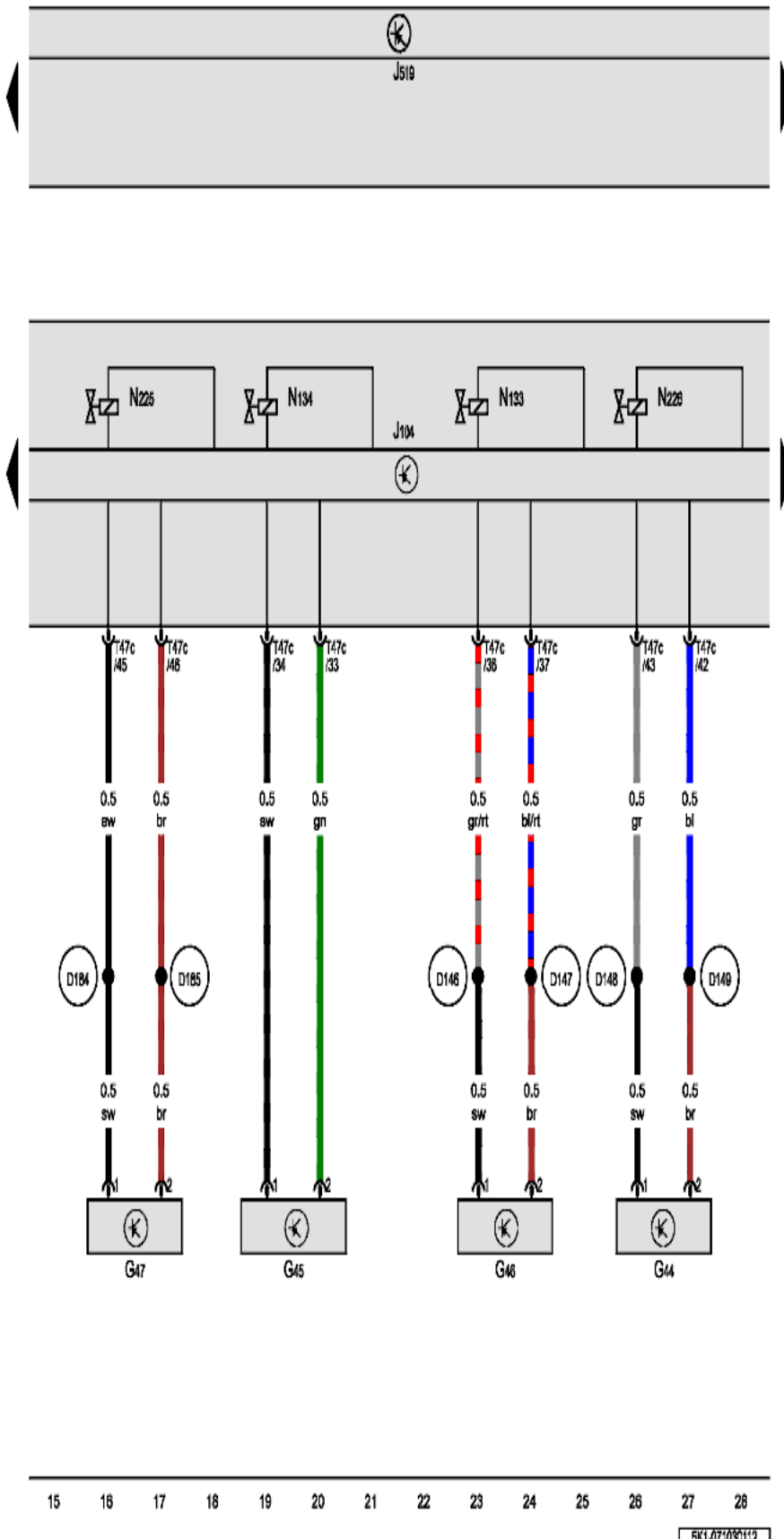
- A217 - Positive connection 8 (15a) (in instrument panel wiring harness)
- B163 - Positive connection 1 (15) (in interior wiring harness)
- B278 - Positive connection 2 (15a) (in main wiring harness)
- * - Only for vehicles with tire pressure monitoring

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink












Golf

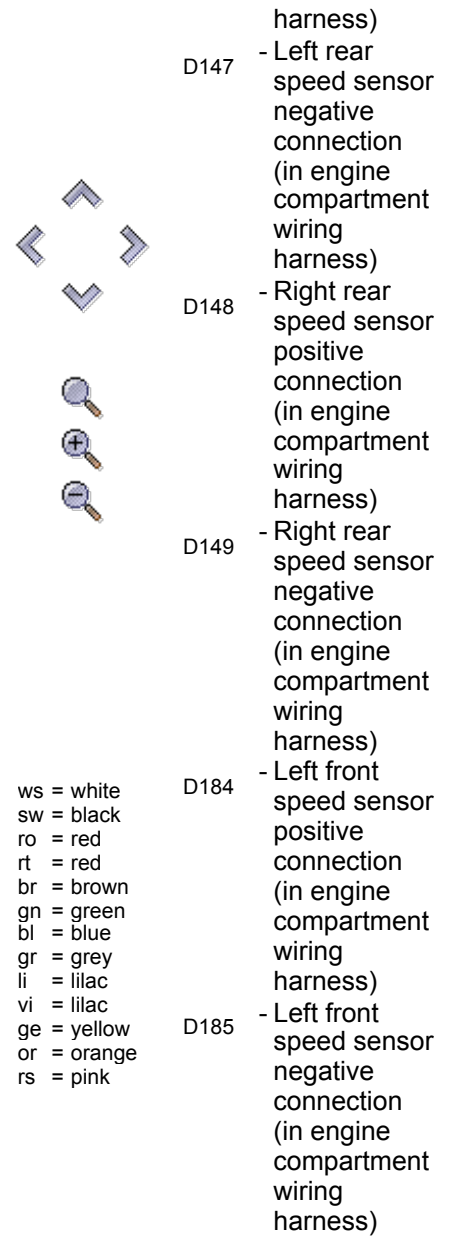
Wiring Diagram

No. 71 / 3



Right rear ABS wheel speed sensor, Right front ABS wheel speed sensor, Left rear ABS wheel speed sensor, Left front ABS wheel speed sensor, ABS control module

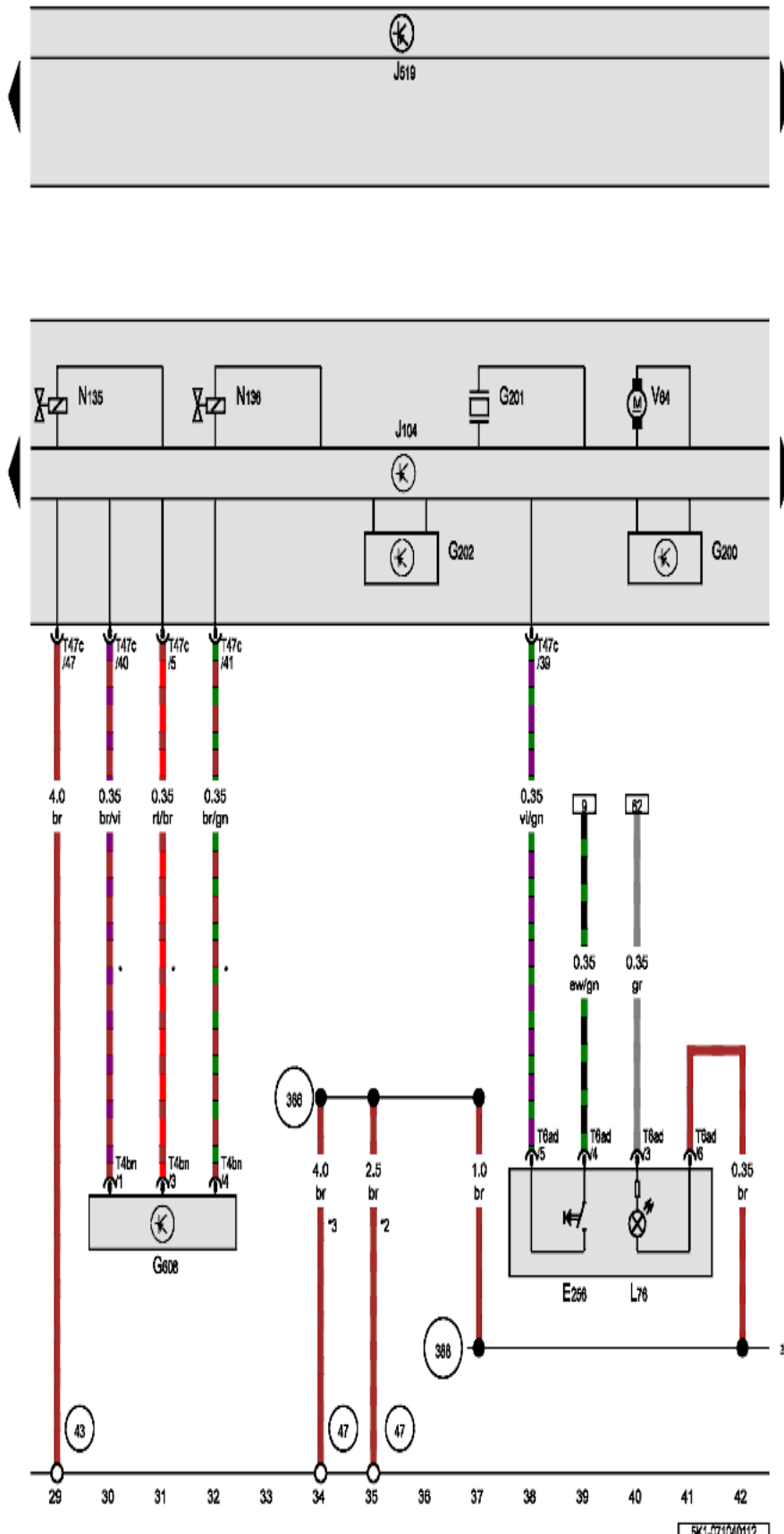
- G44 - Right rear ABS wheel speed sensor  
- G45 - Right front ABS wheel speed sensor  
- G46 - Left rear ABS wheel speed sensor  
- G47 - Left front ABS wheel speed sensor  
- J104 - ABS control module, in the engine compartment, right  
- J519 - Vehicle electrical system control module 
- N133 - Right rear ABS inlet valve
- N134 - Left rear ABS inlet valve
- N225 - Driving dynamics regulation switch valve 1
- N226 - Driving dynamics regulation switch valve 2
- T47c - 47-pin connector
- D146 - Left rear speed sensor positive connection (in engine compartment wiring)



Golf

Wiring Diagram

No. 71 / 4



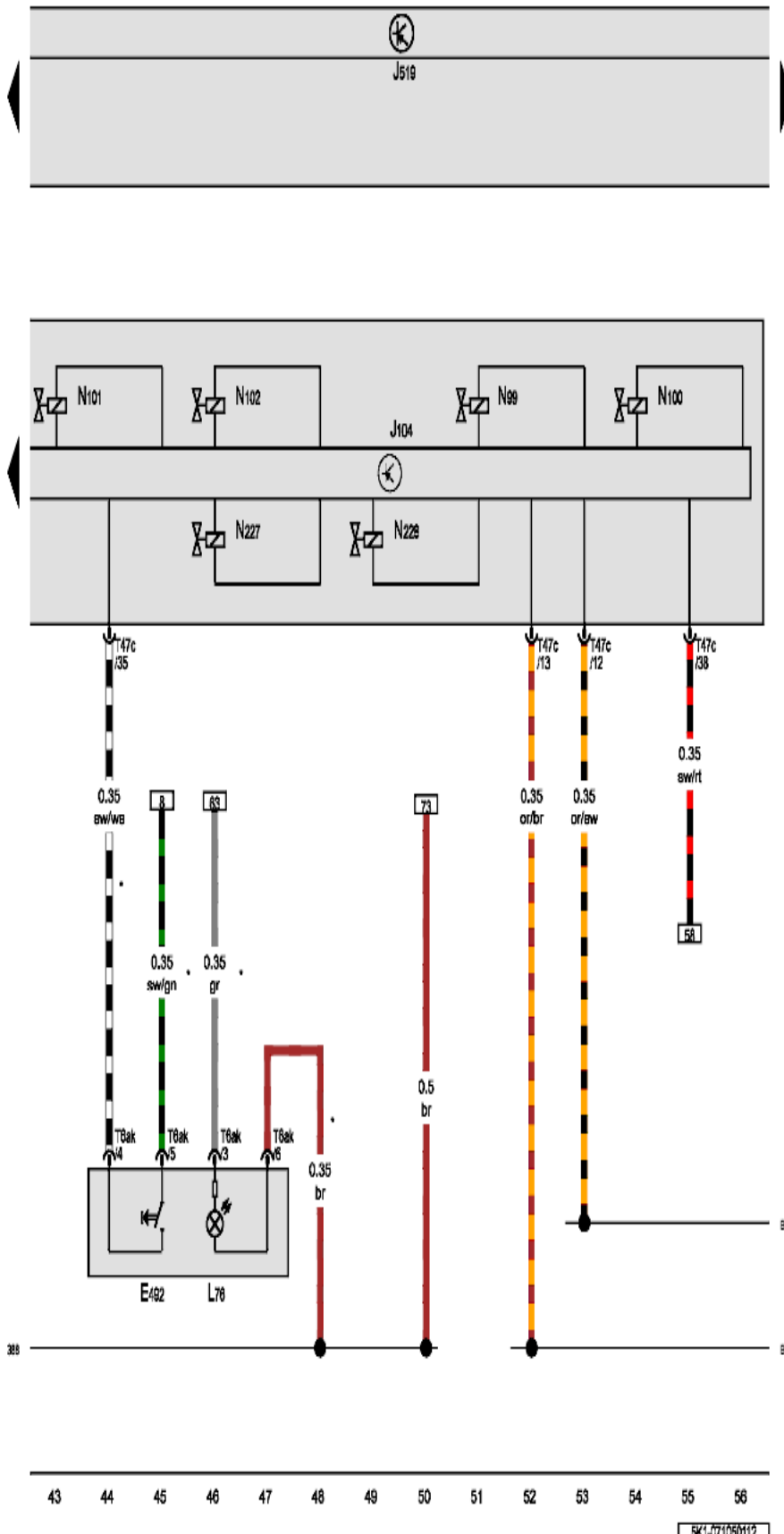
- ASR/ESP button, Vacuum sensor, ABS control module**
- E256 - ASR/ESP button
- G200 - Transverse acceleration sensor
- G201 - Brake pressure sensor 1
- G202 - Rotation rate sensor
- G608- Vacuum sensor
- J104 - ABS control module, in the engine compartment, right
- J519 - Vehicle electrical system control module
- L76 - Push button illumination bulb
- N135 - Right rear ABS outlet valve
- N136 - Left rear ABS outlet valve
- T4bn - 4-pin connector
- T6ad - 6-pin connector
- T47c - 47-pin connector
- V64 - ABS hydraulic pump
- 43 - Ground connection on A-pillar, lower right
- 47 - Ground connection in right front footwell
- 366 - Ground connection 1 (in main)

		wiring harness)
		- Ground connection 23 (in main wiring harness)
	388	
ws = white		
sw = black		
ro = red	*	- Only for vehicles with a hydraulic brake booster
rt = red		
br = brown		
gn = green		
bl = blue		
gr = grey		
li = lilac	*2	- Only for vehicles without Start/Stop system
vi = lilac		
ge = yellow		
or = orange		
rs = pink		
	*3	- Only for vehicles with Start/Stop system

Golf

Wiring Diagram

No. 71 / 5



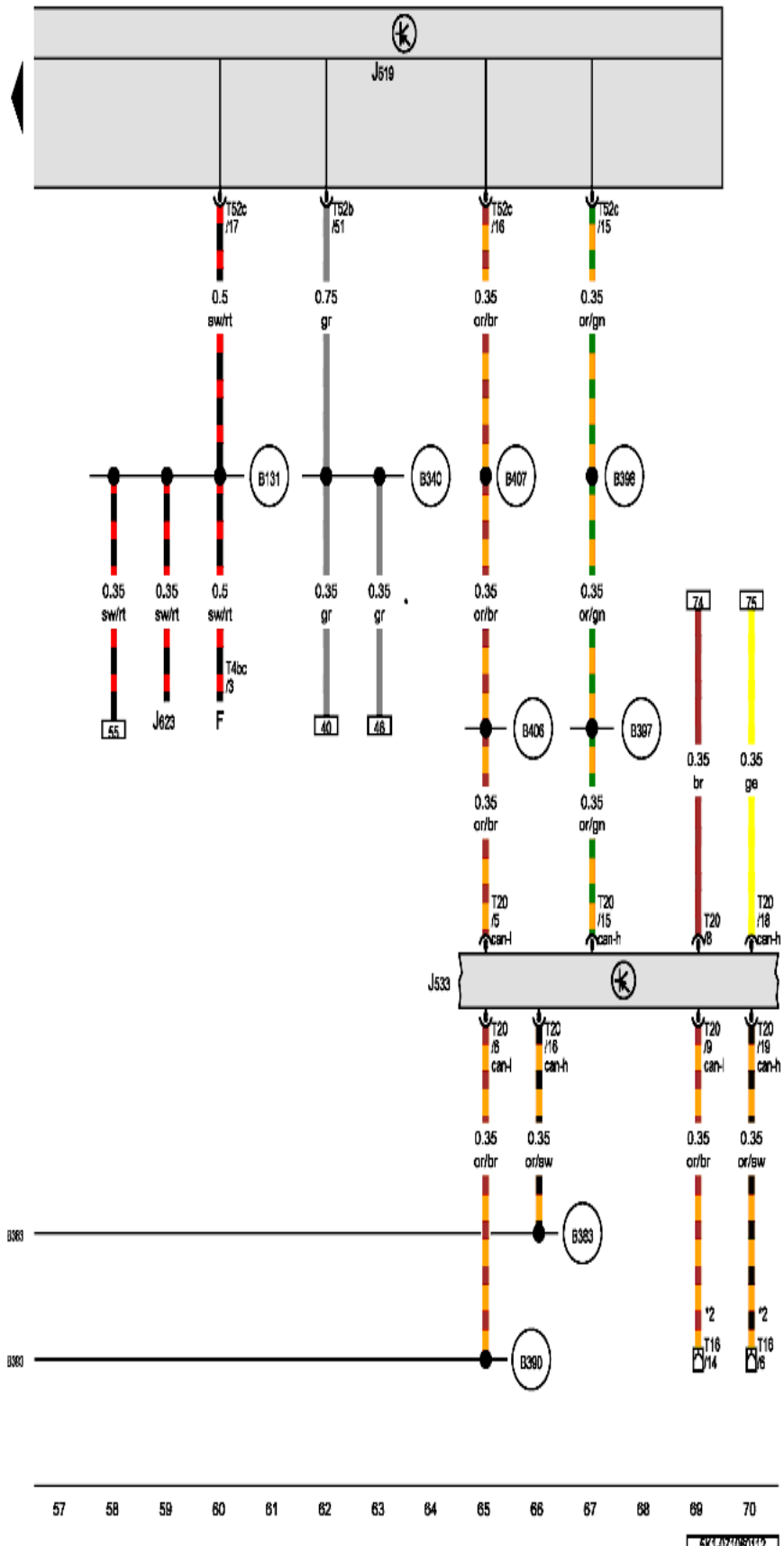
- Tire pressure monitoring display button, ABS control module**
- E492 - Tire pressure monitoring display button
 - J104 - ABS control module, in the engine compartment, right
 - J519 - Vehicle electrical system control module
 - L76 - Push button illumination bulb
 - N99 - Right front ABS inlet valve
 - N100 - Right front ABS outlet valve
 - N101 - Left front ABS inlet valve
 - N102 - Left front ABS outlet valve
 - N227 - Driving dynamics regulation high pressure switch valve 1
 - N228 - Driving dynamics regulation high pressure switch valve 2
 - T6ak - 6-pin connector
 - T47c - 47-pin connector
 - 388 - Ground connection 23 (in main wiring harness)
 - Powertrain

ws = white	B383	CAN bus high connection 1 (in main wiring harness)
sw = black		
ro = red		
rt = red		
br = brown		
gn = green		
bl = blue		
gr = grey	B390	- Powertrain CAN bus low connection 1 (in main wiring harness)
li = lilac		
vi = lilac		
ge = yellow		
or = orange		
rs = pink		
	*	- Only for vehicles with tire pressure monitoring

Golf

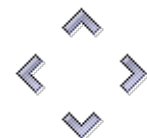
Wiring Diagram

No. 71 / 6



Data bus on board diagnostic interface

- F - Brake lamp switch
- J519 - Vehicle electrical system control module
- J533 - Data bus on board diagnostic interface, in the left footwell, near the center console
- J623 - Engine control module
- T4bc - 4-pin connector
- T16 - 16-pin connector
- T20 - 20-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- B131 - Connection (54) (in interior wiring harness)
- B340 - Connection 1 (58d) (in main wiring harness)
- B383 - Powertrain CAN bus high connection 1 (in main wiring harness)
- B390 - Powertrain CAN bus low connection 1 (in main wiring harness)
- B397 - Comfort system CAN bus high connection 1 (in main





- B398 - wiring harness)
- Comfort system CAN bus high connection 2 (in main wiring harness)
- B406 - Comfort system CAN bus low connection 1 (in main wiring harness)
- B407 - Comfort system CAN bus low connection 2 (in main wiring harness)
- * - Only for vehicles with tire pressure monitoring
- *2 - Diagnostic connector

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

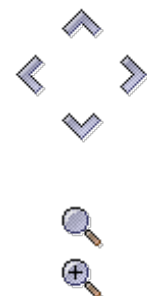
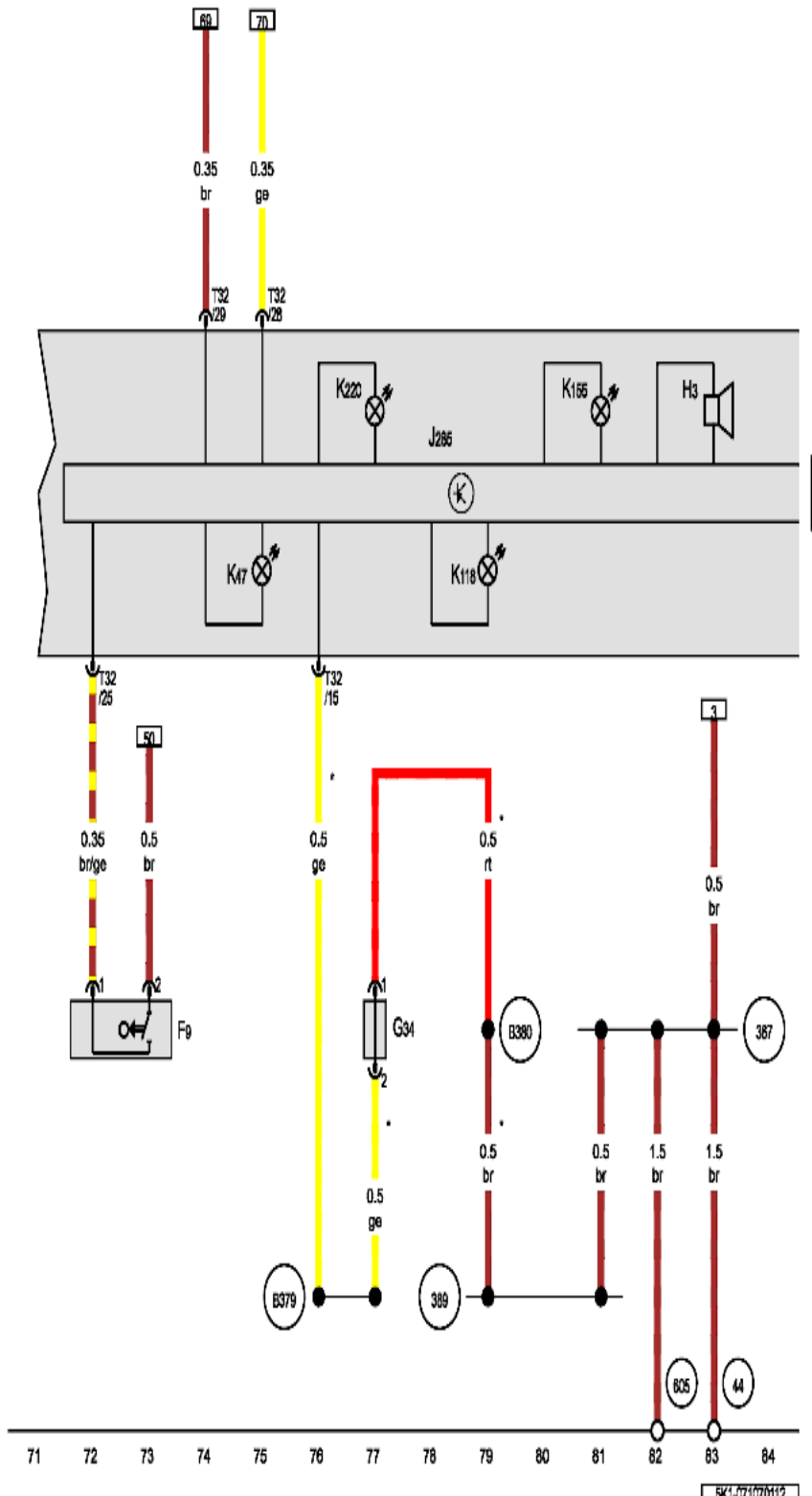
Golf

Wiring Diagram


No. 71 / 7

Left front brake pad wear sensor, Warning buzzer and tone, Instrument cluster control module, ABS indicator lamp, Brake system indicator lamp, ASR/ESP indicator lamp, Tire pressure monitoring display indicator lamp

- F9 - Parking brake indicator lamp switch
- G34 - Left front brake pad wear sensor
- H3 - Warning buzzer and tone
- J285 - Instrument cluster control module
- K47 - ABS indicator lamp
- K118 - Brake system indicator lamp
- K155 - ASR/ESP indicator lamp
- K220 - Tire pressure monitoring display indicator lamp
- T32 - 32-pin connector
- 44 - Ground connection on A-pillar, lower left
- 367 - Ground connection 2 (in main wiring harness)
- 389 - Ground connection 24 (in main





- 605 - wiring harness)
- Ground connection on upper steering column 
- B379 - Brake wear indicator connection 1 (in main wiring harness)
- B380 - Brake wear indicator connection 2 (in main wiring harness)
- * - Only for vehicles with brake pad wear indicator

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

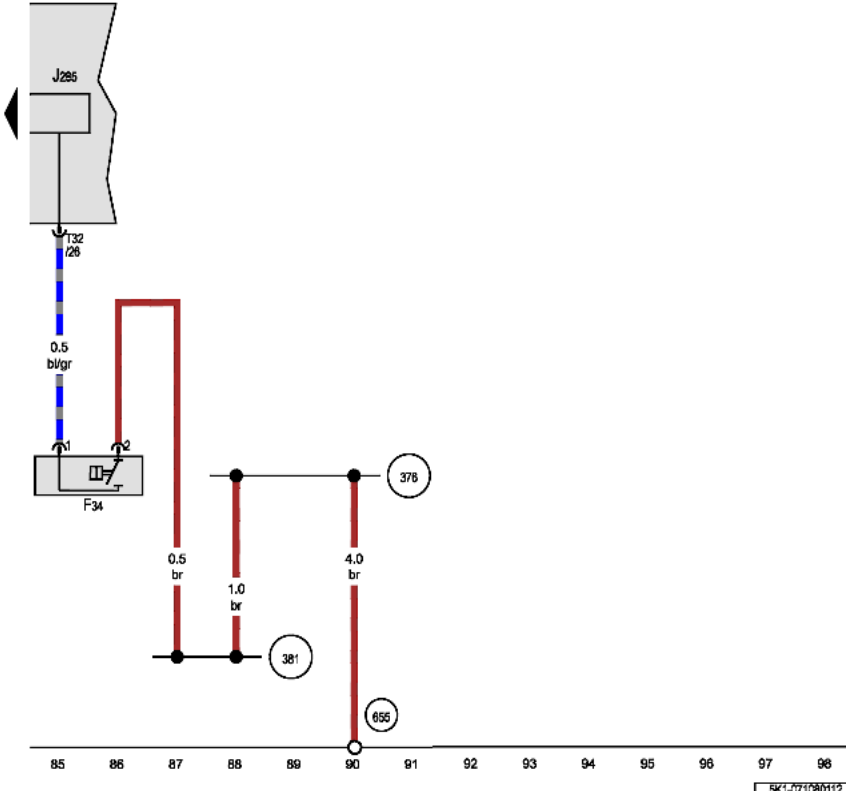
No. 71 / 8

Brake fluid level warning switch, Instrument cluster control module



- F34 - Brake fluid level warning switch
- J285 - Instrument cluster control module
- T32 - 32-pin connector
- 376 - Ground connection 11 (in main wiring harness)
- 381 - Ground connection 16 (in main wiring harness)
- 655 - Ground connection on left headlamp

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink



Golf

Wiring Diagram

No. 70 / 1

01.2012

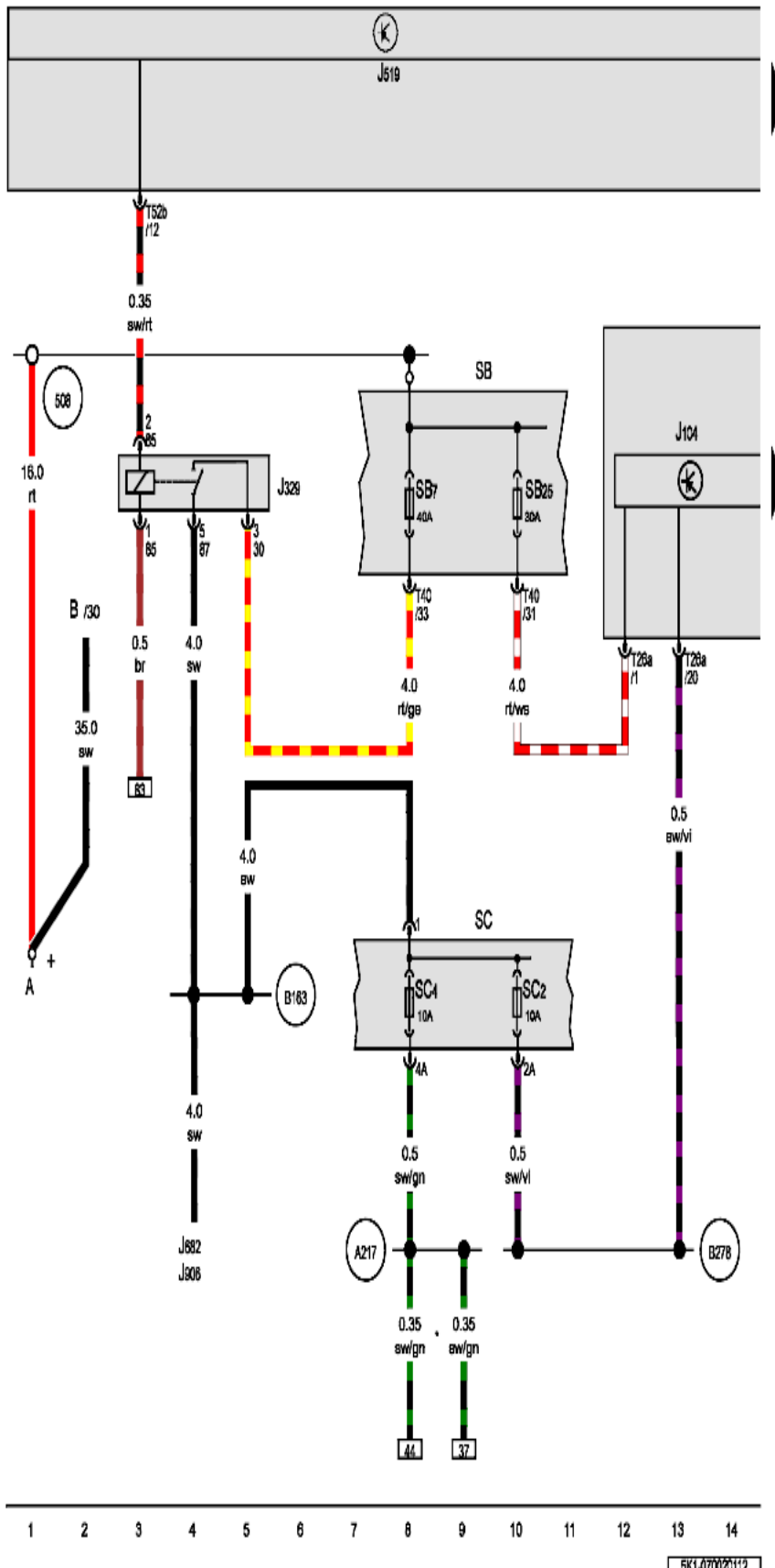
Anti-Lock Brake System (ABS) with EDL and ASR

from November 2009

Golf

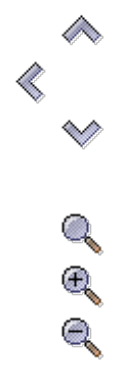
Wiring Diagram

No. 70 / 2



ABS control module, Terminal 15 power supply relay, Fuse panel B, Fuse panel C

- A - Battery
- B - Starter
- J104 - ABS control module, in the engine compartment, right
- J329 - Terminal 15 power supply relay
- J519 - Vehicle electrical system control module
- J682 - Terminal 50 power supply relay
- J906 - Starter relay 1
- SB - Fuse panel B
- SC - Fuse panel C
- SC2 - Fuse 2 (on fuse panel C)
- SC4 - Fuse 4 (on fuse panel C)
- SB7 - Fuse 7 (on fuse panel B)
- SB25 - Fuse 25 (on fuse panel B)
- T26a - 26-pin connector
- T40 - 40-pin connector
- T52b - 52-pin connector
- 508 - Terminal 30 threaded connection (on E-box)
- A217 - Positive connection 8 (15a) (in instrument)

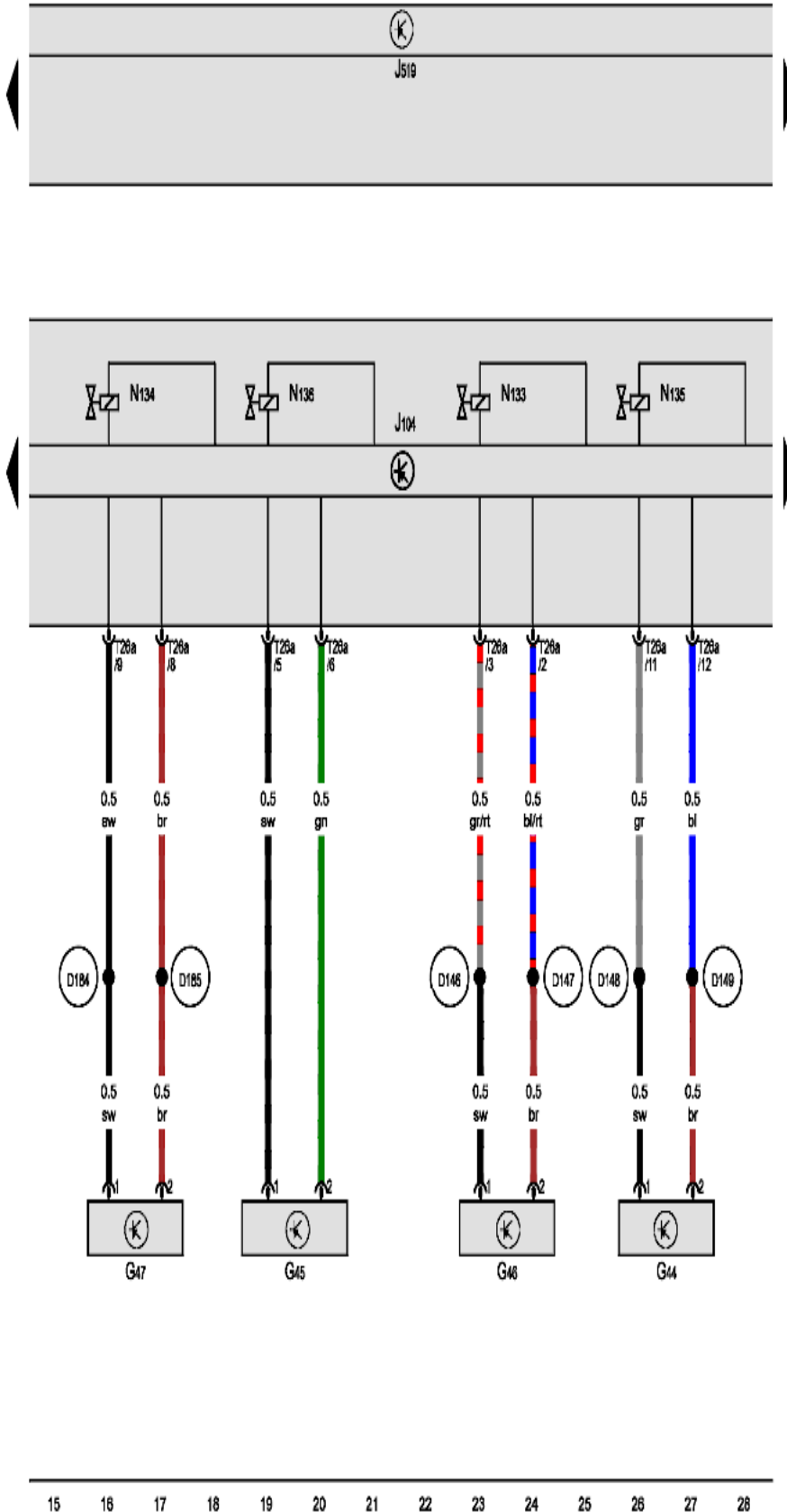


ws = white		panel wiring harness)
sw = black		
ro = red		
rt = red	B163	- Positive connection 1 (15) (in interior wiring harness)
br = brown		
gn = green		
bl = blue		
gr = grey		
li = lilac	B278	- Positive connection 2 (15a) (in main wiring harness)
vi = lilac		
ge = yellow		
or = orange		
rs = pink		
	*	- Only for vehicles with tire pressure monitoring

Golf

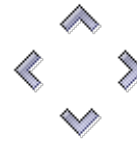
Wiring Diagram

No. 70 / 3



Right rear ABS wheel speed sensor, Right front ABS wheel speed sensor, Left rear ABS wheel speed sensor, Left front ABS wheel speed sensor, ABS control module

- G44 - Right rear ABS wheel speed sensor
- G45 - Right front ABS wheel speed sensor
- G46 - Left rear ABS wheel speed sensor
- G47 - Left front ABS wheel speed sensor
- J104 - ABS control module, in the engine compartment, right
- J519 - Vehicle electrical system control module
- N133 - Right rear ABS inlet valve
- N134 - Left rear ABS inlet valve
- N135 - Right rear ABS outlet valve
- N136 - Left rear ABS outlet valve
- T26a - 26-pin connector
- D146 - Left rear speed sensor positive connection (in engine compartment wiring harness)
- D147 - Left rear speed sensor



D148

negative connection (in engine compartment wiring harness)
 - Right rear speed sensor positive connection (in engine compartment wiring harness)



D149

- Right rear speed sensor negative connection (in engine compartment wiring harness)

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

D184

- Left front speed sensor positive connection (in engine compartment wiring harness)

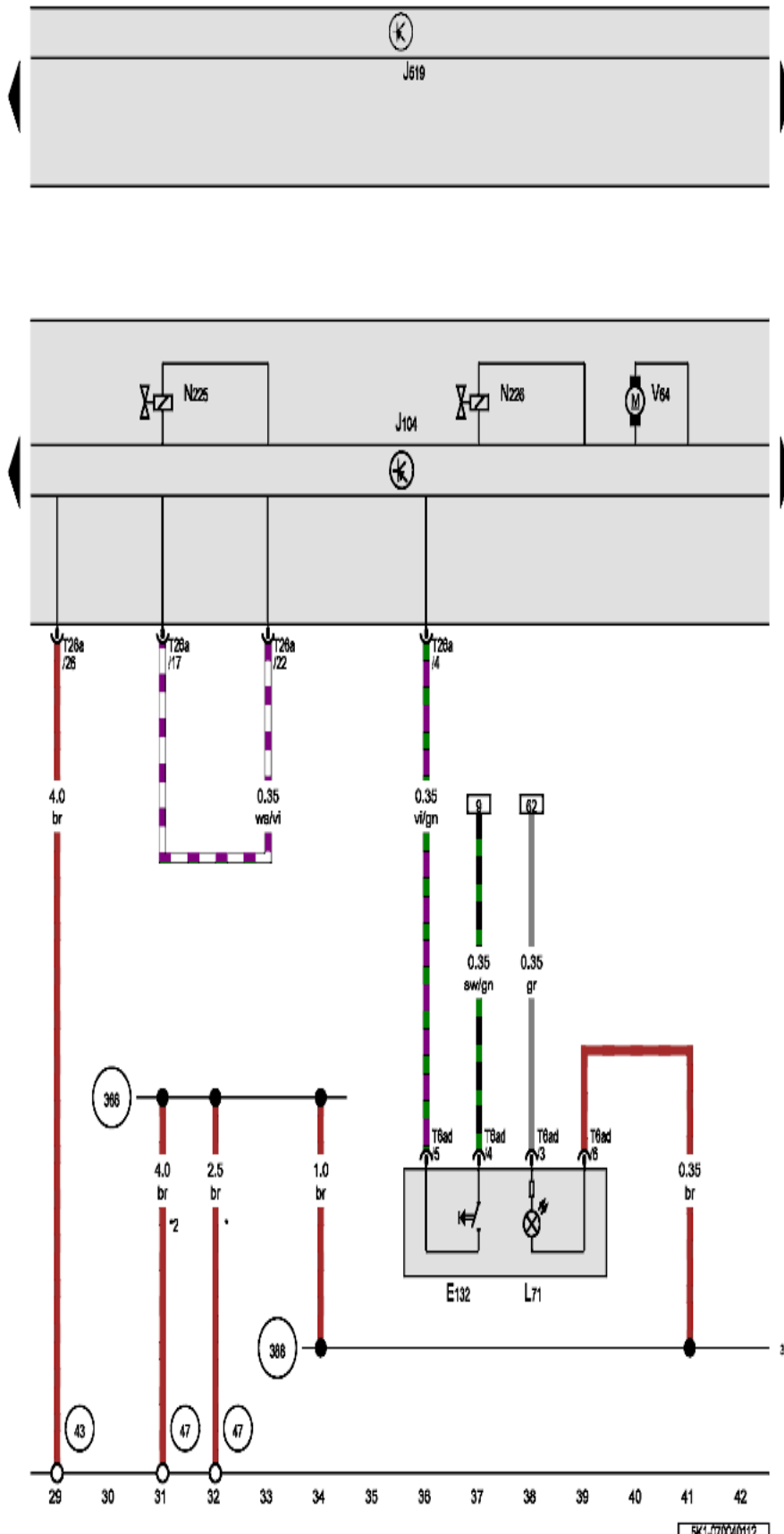
D185







- Left front speed sensor negative connection (in engine compartment wiring harness)

Golf

Wiring Diagram

No. 70 / 4



- ASR switch, ABS control module**
- E132 - ASR switch
- J104 - ABS control module, in the engine compartment, right  
- J519 - Vehicle electrical system control module 
- L71 - ASR switch illumination bulb
- N225 - Driving dynamics regulation switch valve 1
- N226 - Driving dynamics regulation switch valve 2
- T6ad - 6-pin connector
- T26a - 26-pin connector
- V64 - ABS hydraulic pump 
- 43 - Ground connection on A-pillar, lower right 
- 47 - Ground connection in right front footwell 
- 366 - Ground connection 1 (in main wiring harness)
- 388 - Ground connection 23 (in main wiring harness)
- * - Only for vehicles without Start/Stop



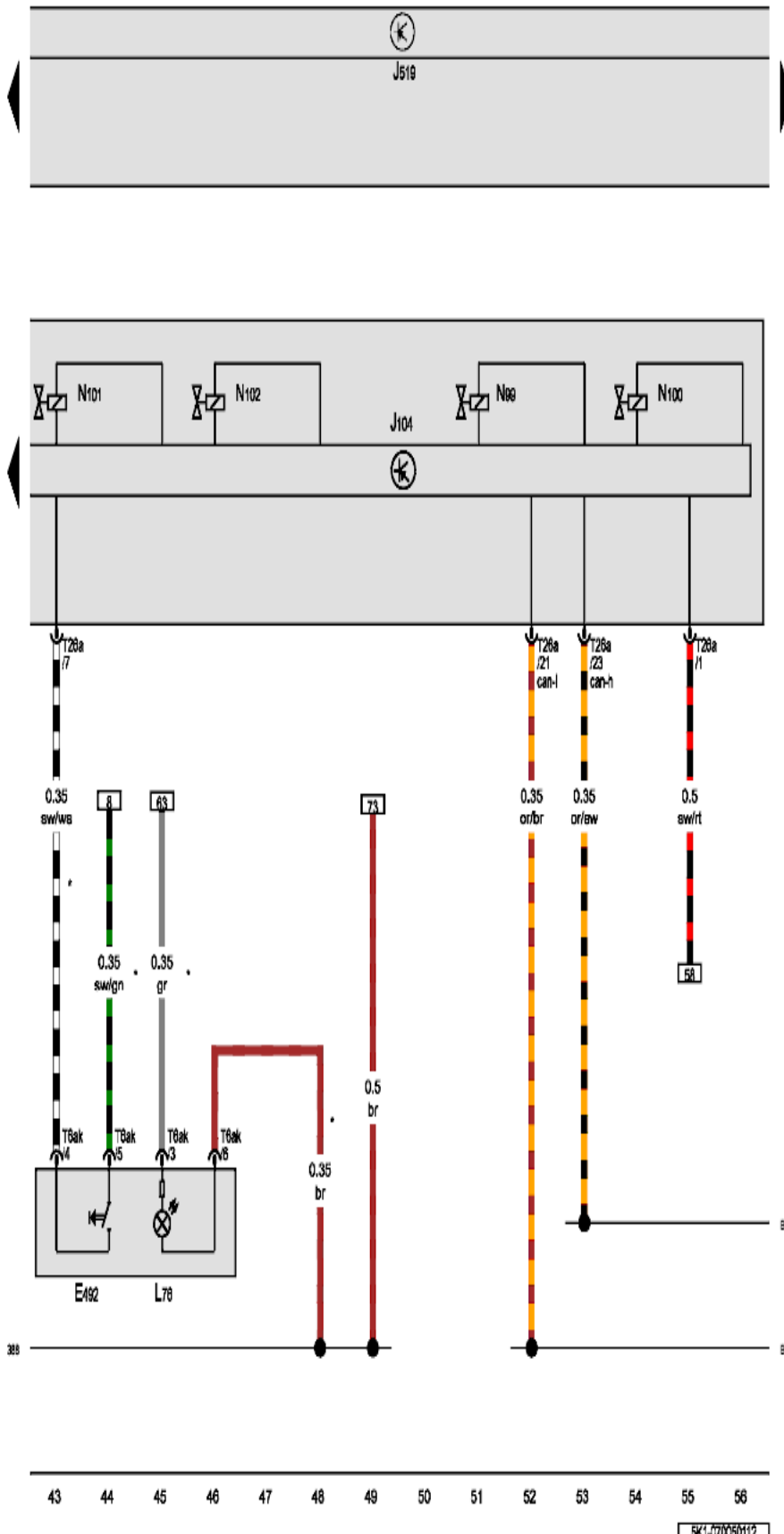
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

*2 system
- Only for vehicles with Start/Stop system




Golf

Wiring Diagram

No. 70 / 5



Tire pressure monitoring display button, ABS control module

- E492 - Tire pressure monitoring display button
- J104 - ABS control module, in the engine compartment, right  
- J519 - Vehicle electrical system control module 
- L76 - Push button illumination bulb
- N99 - Right front ABS inlet valve
- N100 - Right front ABS outlet valve
- N101 - Left front ABS inlet valve
- N102 - Left front ABS outlet valve
- T6ak - 6-pin connector
- T26a - 26-pin connector
- 388 - Ground connection 23 (in main wiring harness)
- B383 - Powertrain CAN bus high connection 1 (in main wiring harness)
- B390 - Powertrain CAN bus low connection 1 (in main wiring harness)
- * - Only for vehicles with

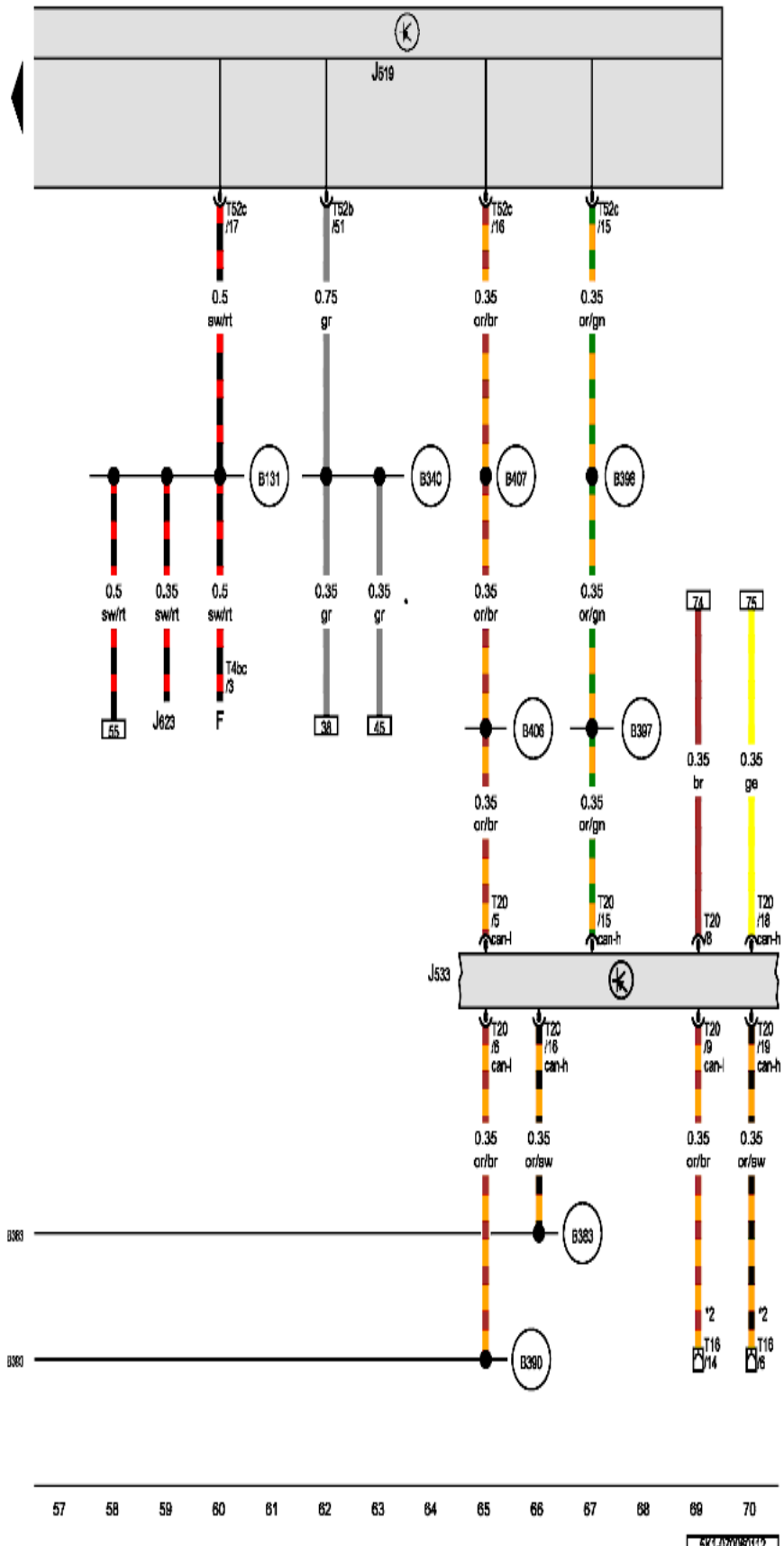







tire pressure
monitoring

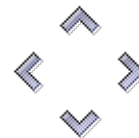
Golf

Wiring Diagram

No. 70 / 6



- Data bus on board diagnostic interface**
- F - Brake lamp switch  
 - J519 - Vehicle electrical system control module 
 - J533 - Data bus on board diagnostic interface, in the left footwell, near the center console 
 - J623 - Engine control module 
 - T4bc - 4-pin connector
 - T16 - 16-pin connector
 - T20 - 20-pin connector
 - T52b - 52-pin connector
 - T52c - 52-pin connector
 - B131 - Connection (54) (in interior wiring harness)
 - B340 - Connection 1 (58d) (in main wiring harness)
 - B383 - Powertrain CAN bus high connection 1 (in main wiring harness)
 - B390 - Powertrain CAN bus low connection 1 (in main wiring harness)
 - B397 - Comfort system CAN bus high connection 1 (in main





- B398 - wiring harness)
- Comfort system CAN bus high connection 2 (in main wiring harness)
- B406 - Comfort system CAN bus low connection 1 (in main wiring harness)
- B407 - Comfort system CAN bus low connection 2 (in main wiring harness)
- * - Only for vehicles with tire pressure monitoring
- *2 - Diagnostic connector

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

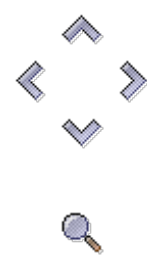
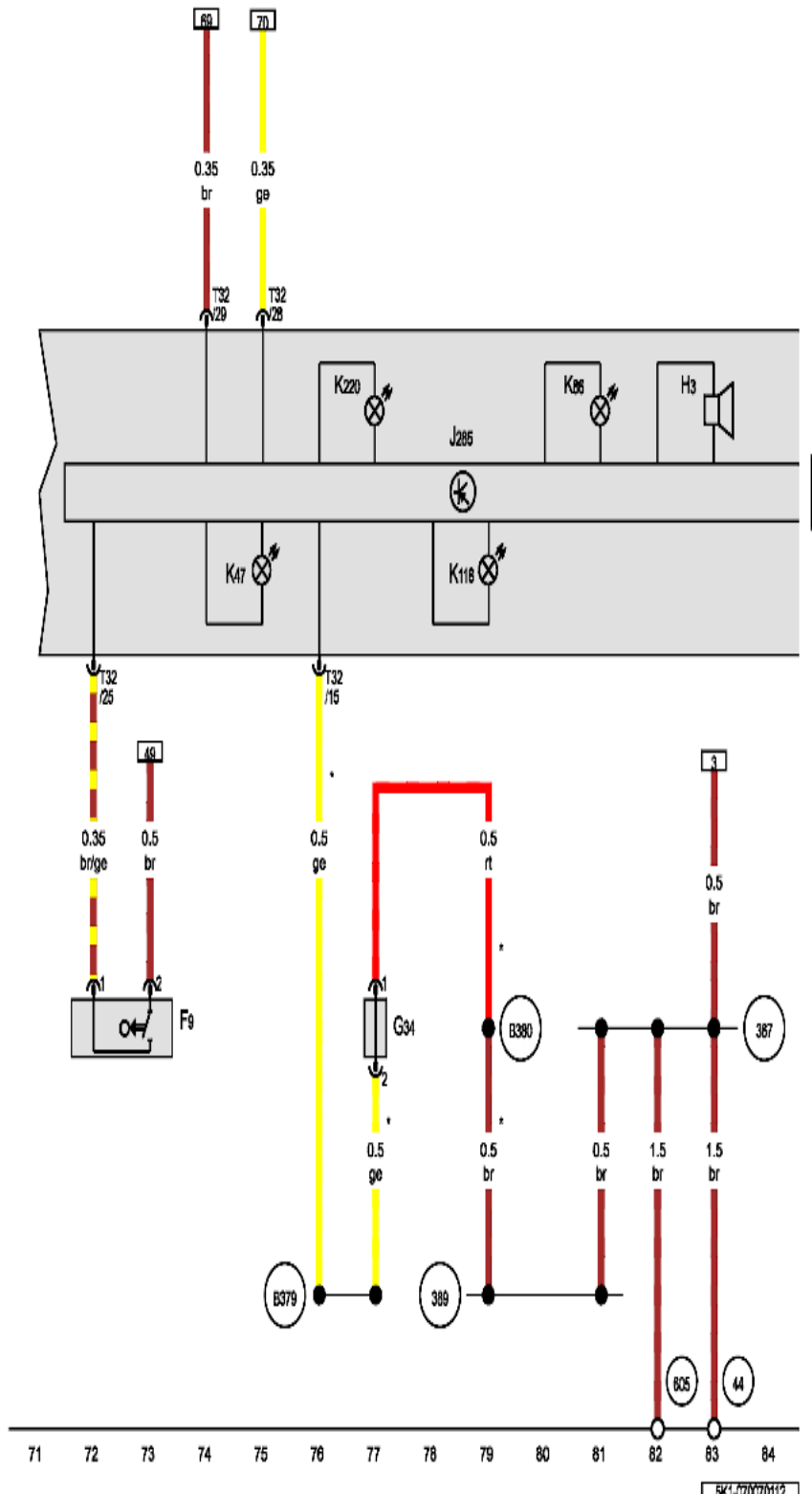
Golf

Wiring Diagram

No. 70 / 7


Parking brake indicator lamp switch, Left front brake pad wear sensor, Instrument cluster control module, ABS indicator lamp, Traction control indicator lamp, Brake system indicator lamp, Tire pressure monitoring display indicator lamp

- F9 - Parking brake indicator lamp switch
- G34 - Left front brake pad wear sensor
- H3 - Warning buzzer and tone
- J285 - Instrument cluster control module
- K47 - ABS indicator lamp
- K86 - Traction control indicator lamp
- K118 - Brake system indicator lamp
- K220 - Tire pressure monitoring display indicator lamp
- T32 - 32-pin connector
- 44 - Ground connection on A-pillar, lower left
- 367 - Ground connection 2 (in main wiring harness)





389 - Ground connection 24 (in main wiring harness)

605 - Ground connection on upper steering column 

B379 - Brake wear indicator connection 1 (in main wiring harness)

B380 - Brake wear indicator connection 2 (in main wiring harness)

* - Only for vehicles with brake pad wear indicator

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

Golf

Wiring Diagram

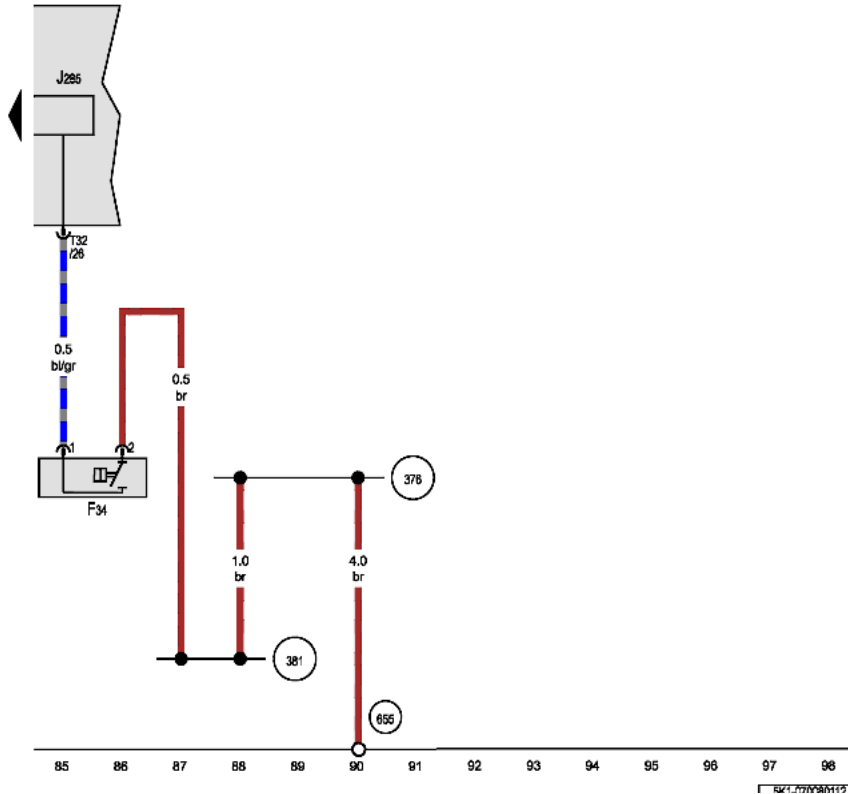
No. 70 / 8

Brake fluid level warning switch, Instrument cluster control module



- F34 - Brake fluid level warning switch
- J285 - Instrument cluster control module
- T32 - 32-pin connector
- 376 - Ground connection 11 (in main wiring harness)
- 381 - Ground connection 16 (in main wiring harness)
- 655 - Ground connection on left headlamp

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink



Golf

Wiring Diagram

No. 51 / 1

01.2010

Automatic Distance Control

from May 2009

Note:

Information for

- ◆ Relay and fuse arrangements
- ◆ Connector arrangements
- ◆ Control Modules and Relays
- ◆ Ground connections

→ Component Locations

Information for

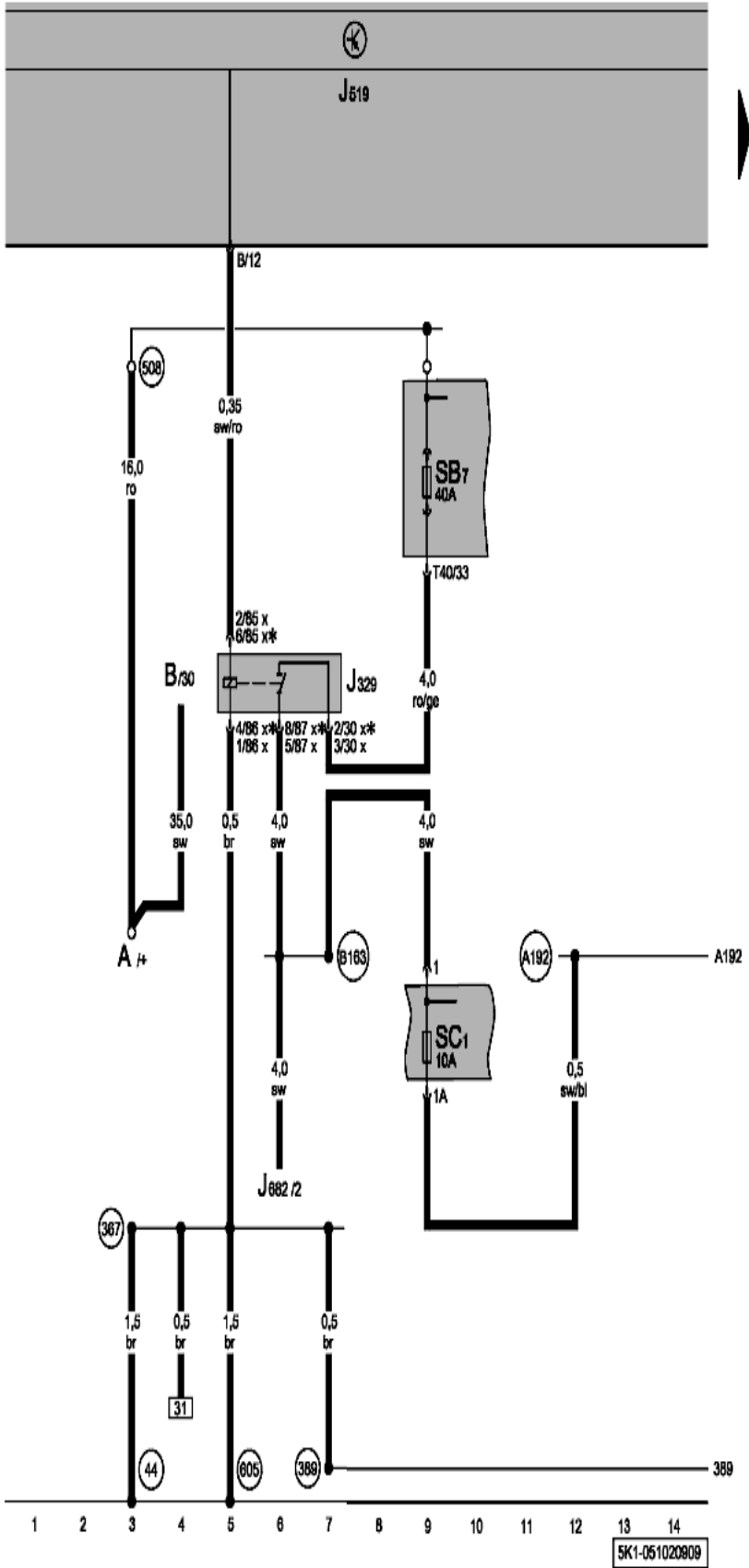
- ◆ Troubleshooting Procedures

→ Guided Fault Finding using VAS 5051 / 5052

Golf

Wiring Diagram

No. 51 / 2



Power Supply Relay (terminal 15)

- A - Battery
- B - Starter
- J329 - Power Supply Relay (terminal 15) (53)
- J519 - Vehicle Electrical System Control Module
- J682 - Power Supply Relay (terminal 50)
- SB7 - Fuse 7 (on fuse panel B)
- SC1 - Fuse 1 (on fuse panel C)
- T40 - 40-Pin Connector
- 44 - Ground Connection (on left lower A-pillar)
- 367 - Ground Connection 2 (in main wiring harness)
- 389 - Ground Connection 24 (in main wiring harness)
- 508 - Threaded Connection terminal 30 (on electronics box)
- 605 - Ground Connection (on upper steering column)
- A192 - Plus Connection 3 (15a) (in instrument panel wiring harness)

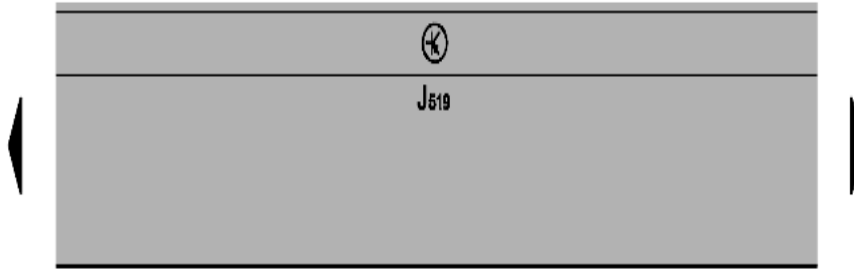
ws = white
 sw = black
 ro = red
 rt = red
 br = brown

gn = green		
bl = blue		
gr = grey		
li = lilac		
vi = lilac		
ge = yellow		
or = orange		
rs = pink		
	B163	- Plus Connection 1 (15) (in interior wiring harness)
	x	- From November 2009
	x*	- Through October 2009

Golf

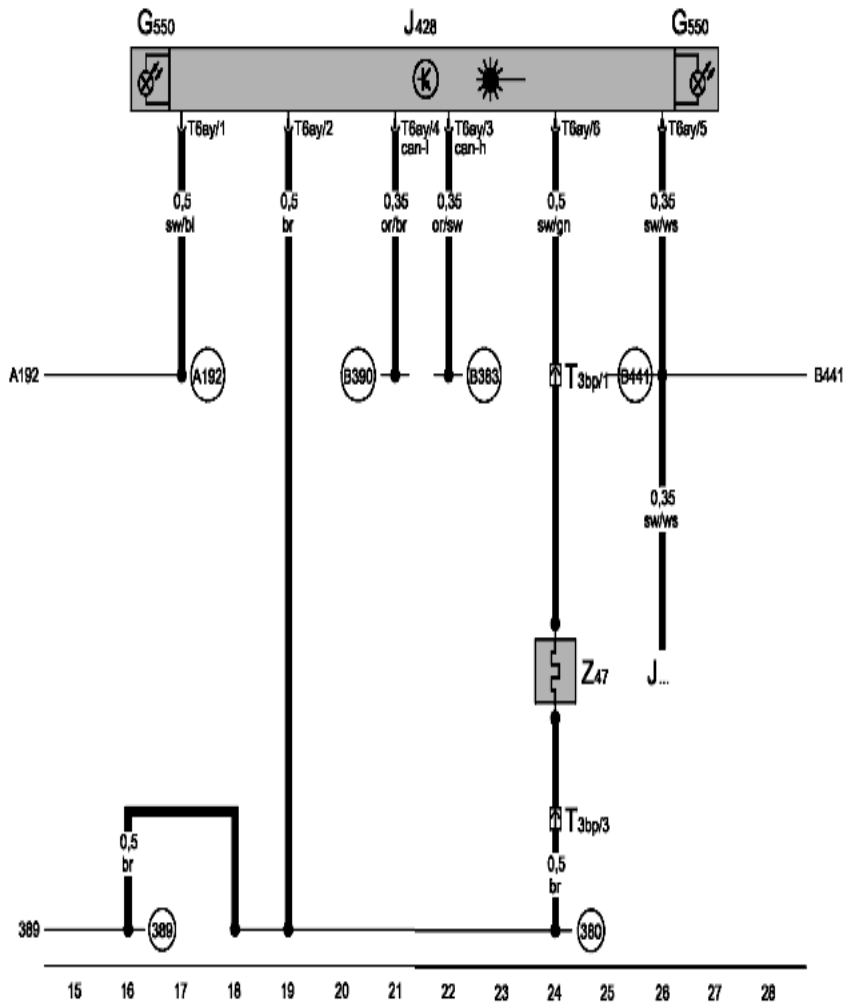
Wiring Diagram

No. 51 / 3



Distance Regulation Control Module, Ground for Automatic Distance Control, Distance Regulation Sensor Heater

- G550 - Ground for Automatic Distance Control
- J428 - Distance Regulation Control Module, near front interior mirror
- J519 - Vehicle Electrical System Control Module
- J... - Engine Control Modules (ECM)
- T3bp - 3-Pin Connector, near front interior mirror
- T6ay - 6-Pin Connector
- Z47 - Distance Regulation Sensor Heater



- 380 - Ground Connection 15 (in main wiring harness)
- 389 - Ground Connection 24 (in main wiring harness)
- A192 - Plus Connection 3 (15a) (in instrument panel wiring harness)
- B383 - Powertrain CAN-Bus High Connection 1 (in main



5K1-051030409

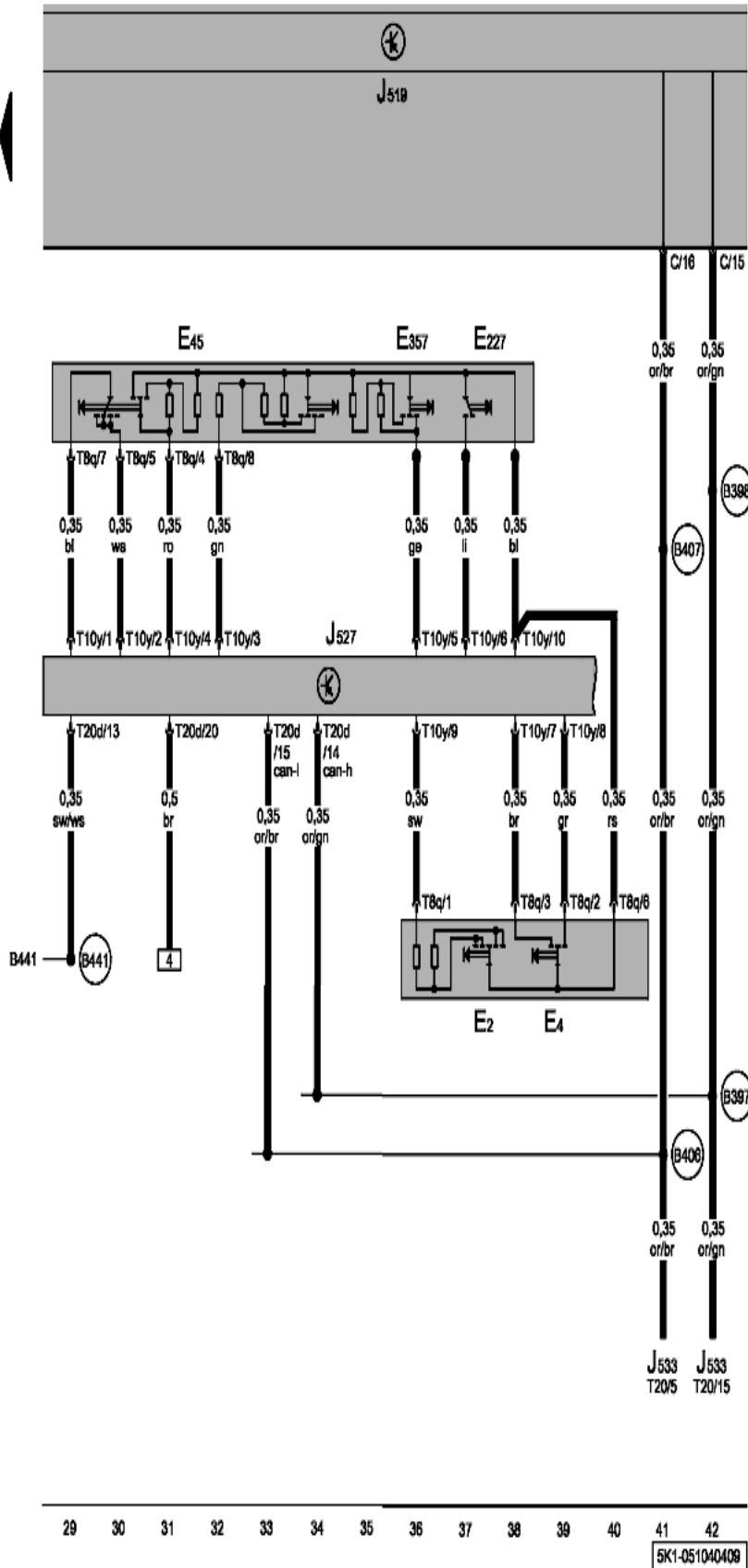
ws = white

sw = black		wiring
ro = red		harness)
rt = red		
br = brown	B390	- Powertrain
gn = green		CAN-Bus
bl = blue		Low
gr = grey		Connection 1
li = lilac		(in main
vi = lilac		wiring
ge = yellow		harness)
or = orange		
rs = pink	B441	- Cruise
		Control
		Connection
		(in main
		wiring
		harness)

Golf

Wiring Diagram

No. 51 / 4



Steering Column Electronic Systems Control Module, Cruise Control Switch, Automatic Distance Control Button, Cruise Control -SET- Button, Turn Signal Switch, Headlamp Dimmer/Flasher Switch

- E2 - Turn Signal Switch
- E4 - Headlamp Dimmer/Flasher Switch
- E45 - Cruise Control Switch
- E227 - Cruise Control - SET- Button
- E357 - Automatic Distance Control Button
- J519 - Vehicle Electrical System Control Module
- J527 - Steering Column Electronic Systems Control Module
- J533 - Data Bus On Board Diagnostic Interface, in left footwell, near center console
- T8q - 8-Pin Connector
- T10y - 10-Pin Connector
- T20 - 20-Pin Connector
- B397 - Comfort System CAN-Bus High Connection 1 (in main



- B398 - wiring harness)
- Comfort System CAN-Bus High Connection 2 (in main wiring harness)
- B406 - Comfort System CAN-Bus Low Connection 1 (in main wiring harness)
- B407 - Comfort System CAN-Bus Low Connection 2 (in main wiring harness)
- B441 - Cruise Control Connection (in main wiring harness)

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 74 / 1

05.2011

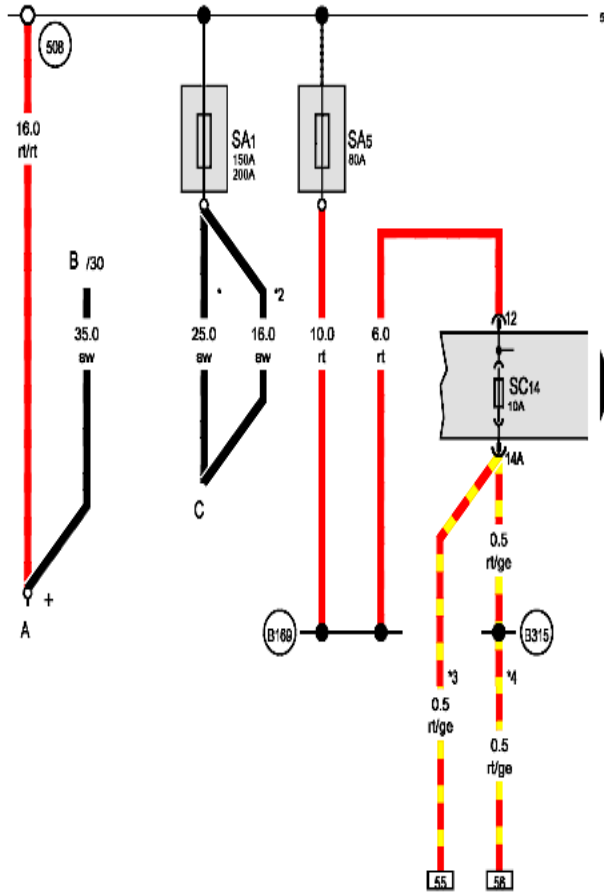
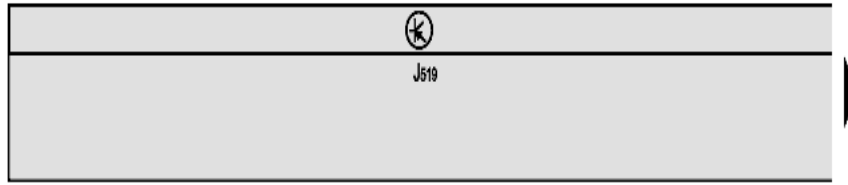
Automatic transmission - DSG 02E

From November 2009

Golf

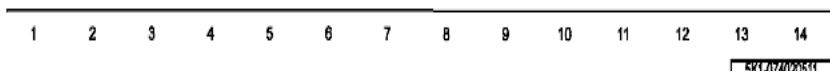
Wiring Diagram

No. 74 / 2



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

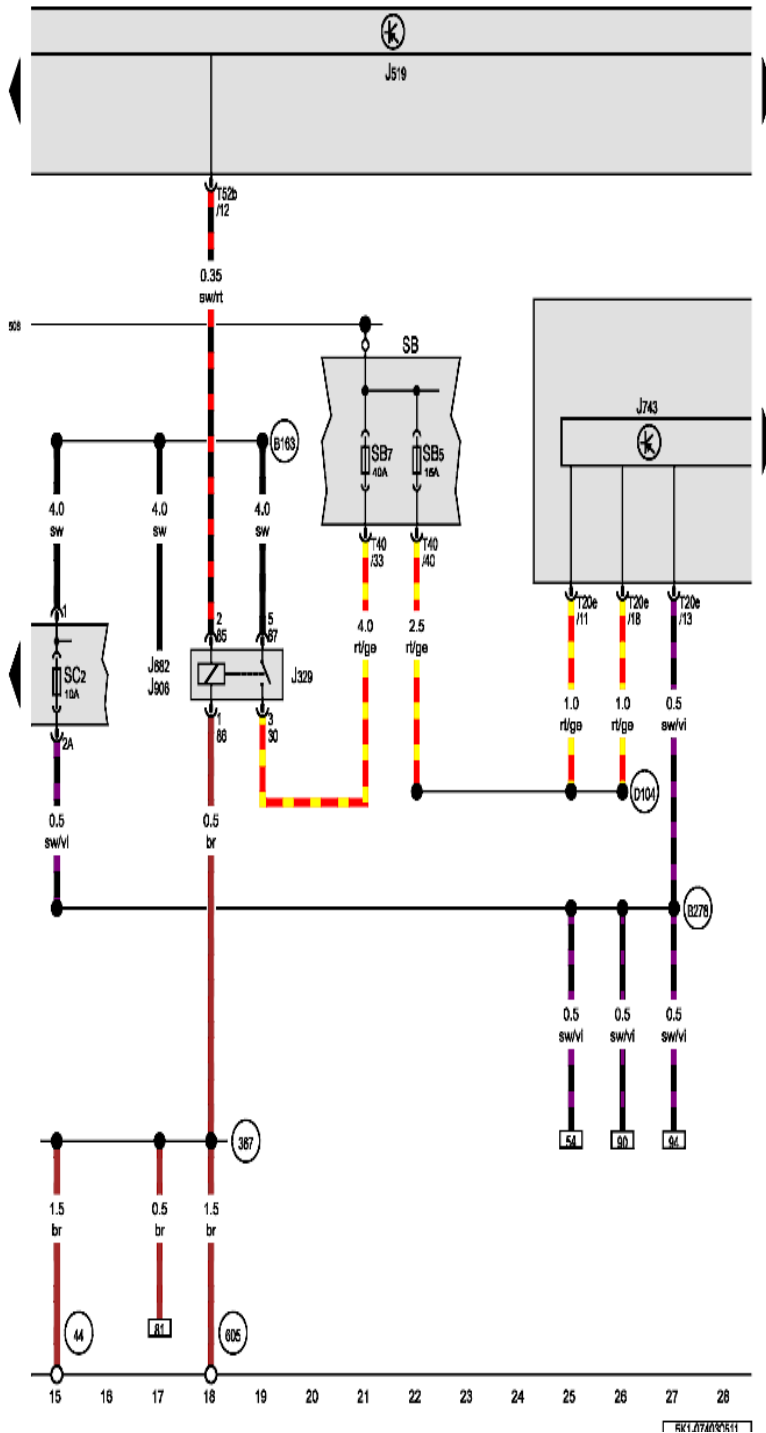
- Fuse 1 (on fuse panel A), Fuse 5 (on fuse panel A), Fuse 14 (on fuse panel C)**
- A - Battery
- B - Starter
- C - Generator
- J519 - Vehicle electrical system control module
- SA1 - Fuse 1 (on fuse panel A)
- SA5 - Fuse 5 (on fuse panel A)
- SC14 - Fuse 14 (on fuse panel C)
- 508 - Terminal 30 threaded connection (on E-box)
- B169 - Positive connection 1 (30) (in interior wiring harness)
- B315 - Positive connection 1 (30a) (in main wiring harness)
- * - Only for vehicles with a generator (140 A)
- *2 - Only for vehicles with 90 A/120 A generator
- *3 - Only for vehicles without an A/C system
- *4 - Only for vehicles with A/C system



Golf

Wiring Diagram

No. 74 / 3



Terminal 15 power supply relay, DSG transmission Mechatronic, Fuse panel B, Fuse 2 (on fuse panel C)

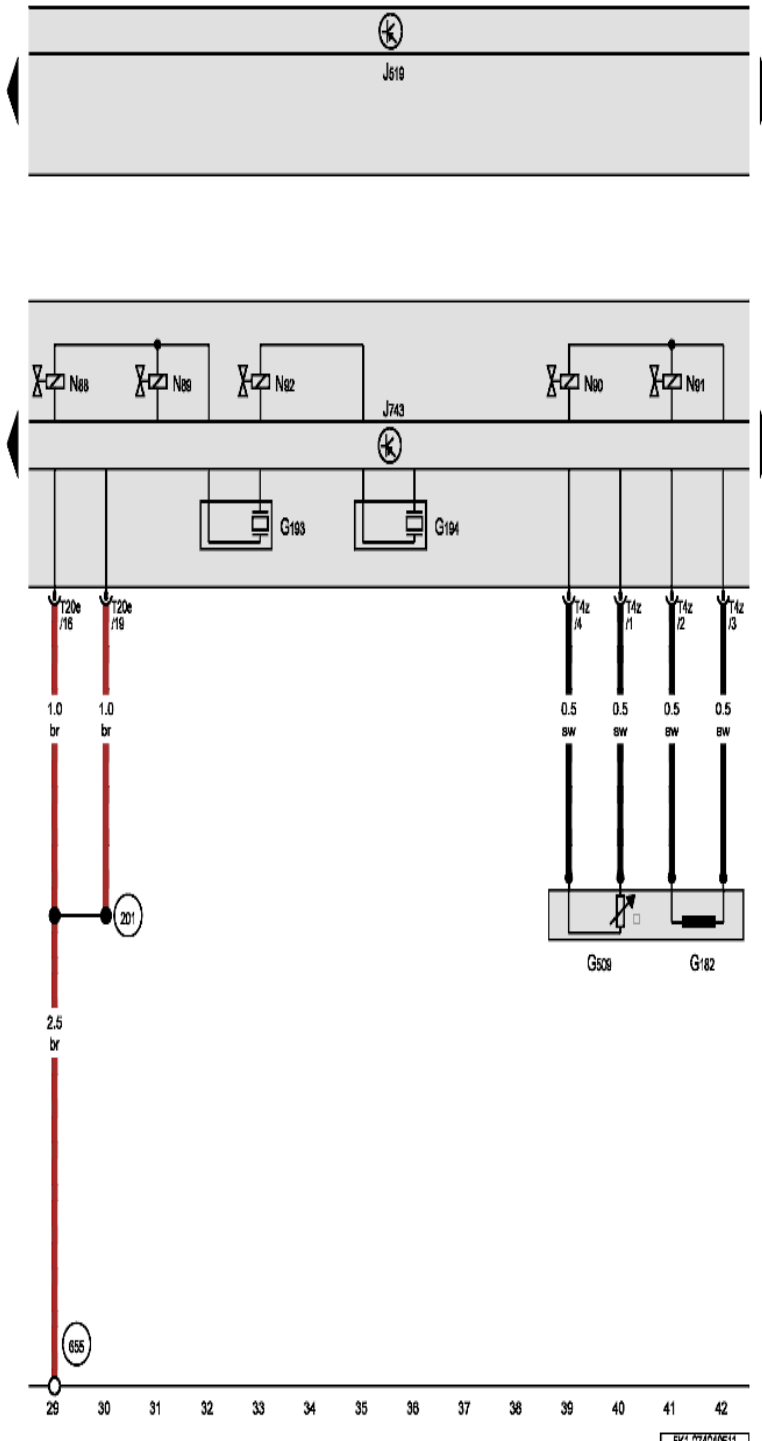
- J329 - Terminal 15 power supply relay
- J519 - Vehicle electrical system control module
- J682 - Terminal 50 power supply relay
- J743- DSG transmission Mechatronic, in the transmission
- J906 - Starter relay 1
- SB - Fuse panel B
- SC2 - Fuse 2 (on fuse panel C)
- SB5 - Fuse 5 (on fuse panel B)
- SB7 - Fuse 7 (on fuse panel B)
- T20e - 20-pin connector
- T40 - 40-pin connector
- T52b - 52-pin connector
- 44 - Ground connection on A-pillar, lower left
- 367 - Ground connection 2 (in main wiring harness)
- 508 - Terminal 30 threaded connection (on E-box)
- 605 - Ground connection on upper steering column
- B163 - Positive connection 1 (15) (in interior wiring harness)
- B278 - Positive connection 2 (15a) (in main wiring harness)
- D104 - Positive connection 2 (30a) (in engine compartment wiring harness)

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink
















Golf

Wiring Diagram

No. 74 / 4



Transmission input speed sensor, Automatic transmission hydraulic pressure sensor 1, Automatic transmission hydraulic pressure sensor 2, Clutch oil temperature sensor, DSG transmission Mechatronic, Solenoid valve 1, Solenoid valve 2, Solenoid valve 4, Solenoid valve 5

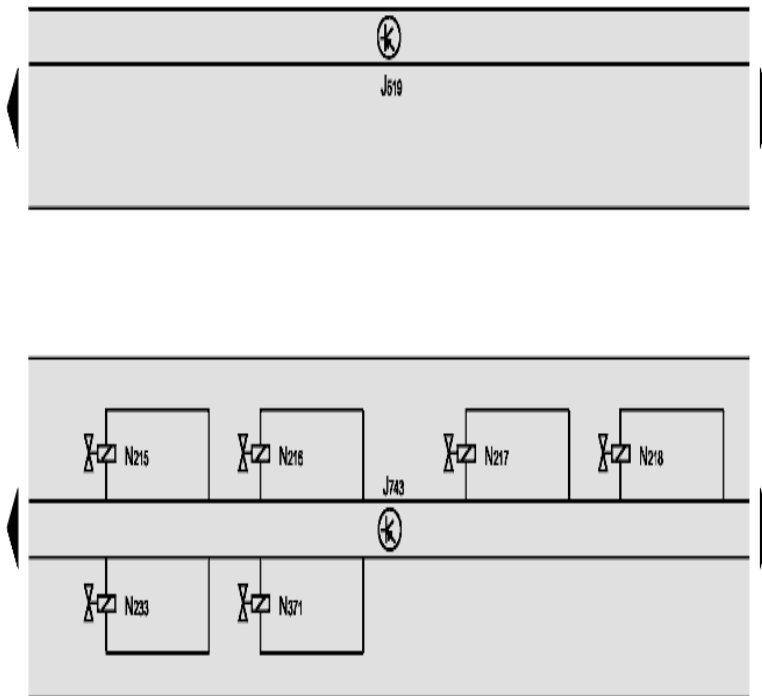
- G182 - Transmission input speed sensor  
- G193 - Automatic transmission hydraulic pressure sensor 1 
- G194 - Automatic transmission hydraulic pressure sensor 2 
- G509 - Clutch oil temperature sensor 
- J519 - Vehicle electrical system control module 
- J743- DSG transmission Mechatronic, in the transmission   
- N88 - Solenoid valve 1 
- N89 - Solenoid valve 2 
- N90 - Solenoid valve 3 
- N91 - Solenoid valve 4 
- N92 - Solenoid valve 5 
- T4z - 4-pin connector
- T20e - 20-pin connector
- 201 - Ground connection 5 (in engine compartment wiring harness)
- 655 - Ground connection on left headlamp 

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

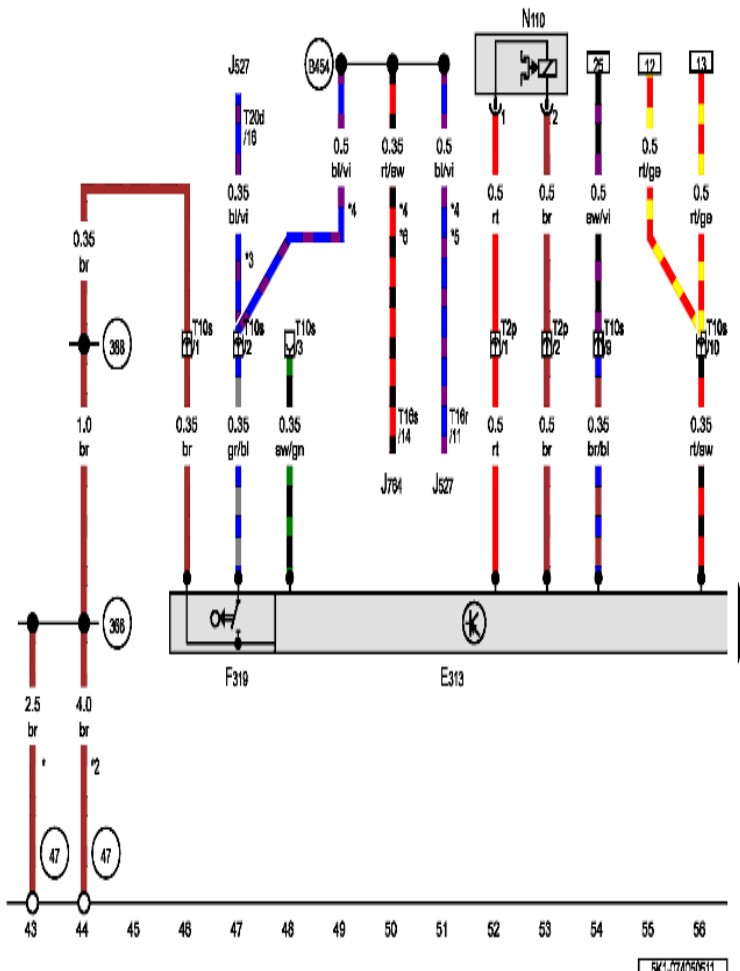
Wiring Diagram









No. 74 / 5



Selector lever, Selector lever park position lock switch, DSG transmission Mechatronic, Shift lock solenoid, Automatic transmission pressure regulating valve 1, Automatic transmission pressure regulating valve 2, Automatic transmission pressure regulating valve 3, Automatic transmission pressure regulating valve 4, Automatic transmission pressure regulating valve 5, Automatic transmission pressure regulating valve 6

- E313 - Selector lever
- F319 - Selector lever park position lock switch
- J519 - Vehicle electrical system control module
- J527 - Steering column electronics control module
- J743- DSG transmission Mechatronic, in the transmission
- J764 - Electronic steering column lock control module
- N110 - Shift lock solenoid
- N215 - Automatic transmission pressure regulating valve 1
- N216 - Automatic transmission pressure regulating valve 2
- N217 - Automatic transmission pressure regulating valve 3
- N218 - Automatic transmission pressure regulating valve 4
- N233 - Automatic transmission pressure regulating valve 5
- N371 - Automatic transmission pressure regulating valve 6
- T2p - Double connector,

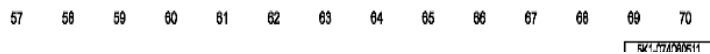
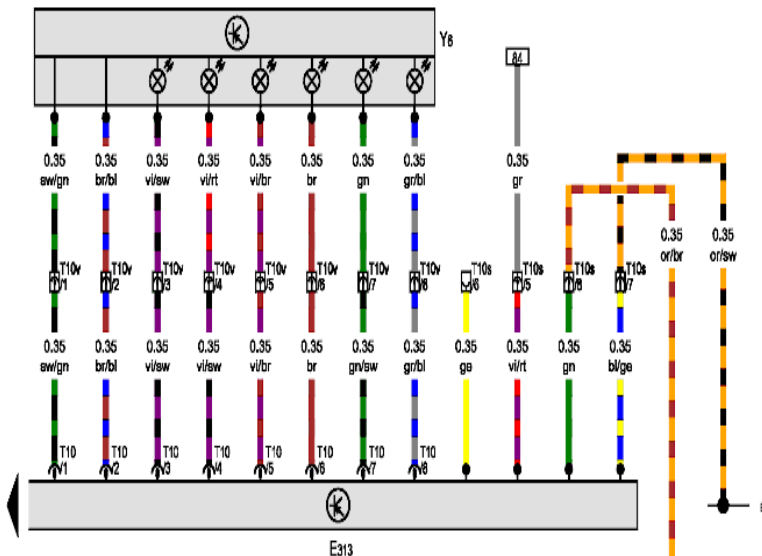
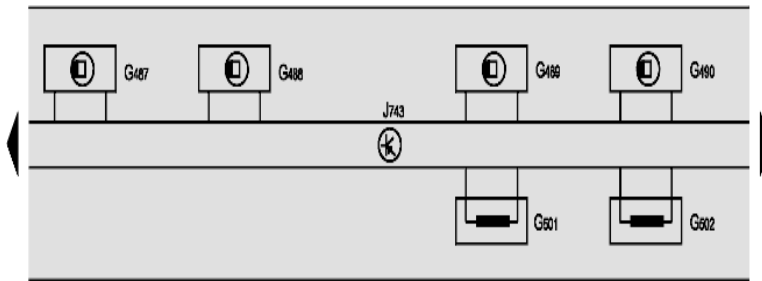
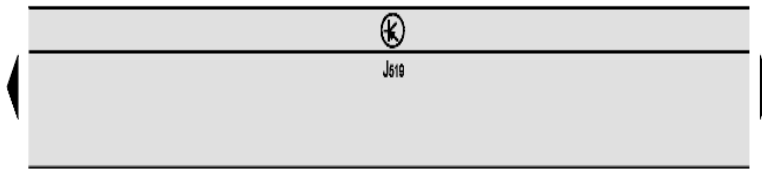


-   under the selector lever
-  T10s - 10-pin connector, under the selector lever
-  T16r - 16-pin connector
-  T16s - 16-pin connector
-  T20d - 20-pin connector
-  47 - Ground connection in right front footwell 
- 366 - Ground connection 1 (in main wiring harness)
- 388 - Ground connection 23 (in main wiring harness)
- B454 - Shift lock connection (in main wiring harness)
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink
- * - Only for vehicles without Start/Stop system
- *2 - Only for vehicles with Start/Stop system
- *3 - Through April 2010
- *4 - From May 2010
- *5 - Only for vehicles without access/start authorization system
- *6 - only for vehicles with access/start authorization system

Golf

Wiring Diagram

No. 74 / 6



Selector lever, Gear position distance sensor 1, Gear position distance sensor 2, Gear position distance sensor 3, Gear position distance sensor 4, Driveshaft speed sensor 1, Driveshaft speed sensor 2, DSG transmission Mechatronic, Transmission range display

- E313 - Selector lever
- G487 - Gear position distance sensor 1
- G488 - Gear position distance sensor 2
- G489 - Gear position distance sensor 3
- G490 - Gear position distance sensor 4
- G501 - Driveshaft speed sensor 1
- G502 - Driveshaft speed sensor 2
- J519 - Vehicle electrical system control module
- J743- DSG transmission Mechatronic, in the transmission



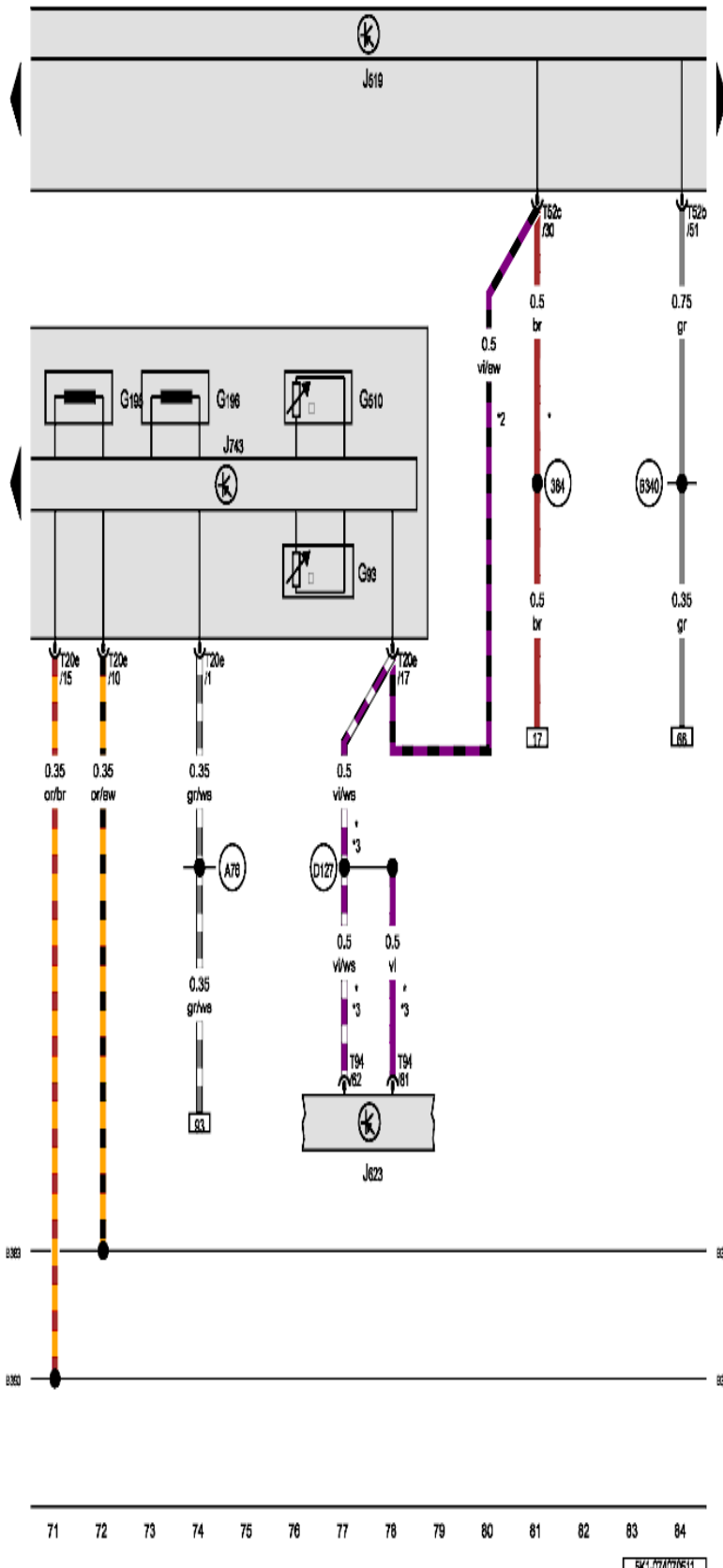
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

- T10 - 10-pin connector
- T10s - 10-pin connector, under the selector lever
- T10v - 10-pin connector, under the selector lever
- Y6 - Transmission range display
- B383 - Powertrain CAN bus high connection 1 (in main wiring harness)
- B390 - Powertrain CAN bus low connection 1 (in main wiring harness)

Golf

Wiring Diagram

No. 74 / 7



Transmission fluid temperature sensor, Transmission output speed sensor, Transmission output speed sensor 2, Temperature sensor in control module, DSG transmission Mechatronic

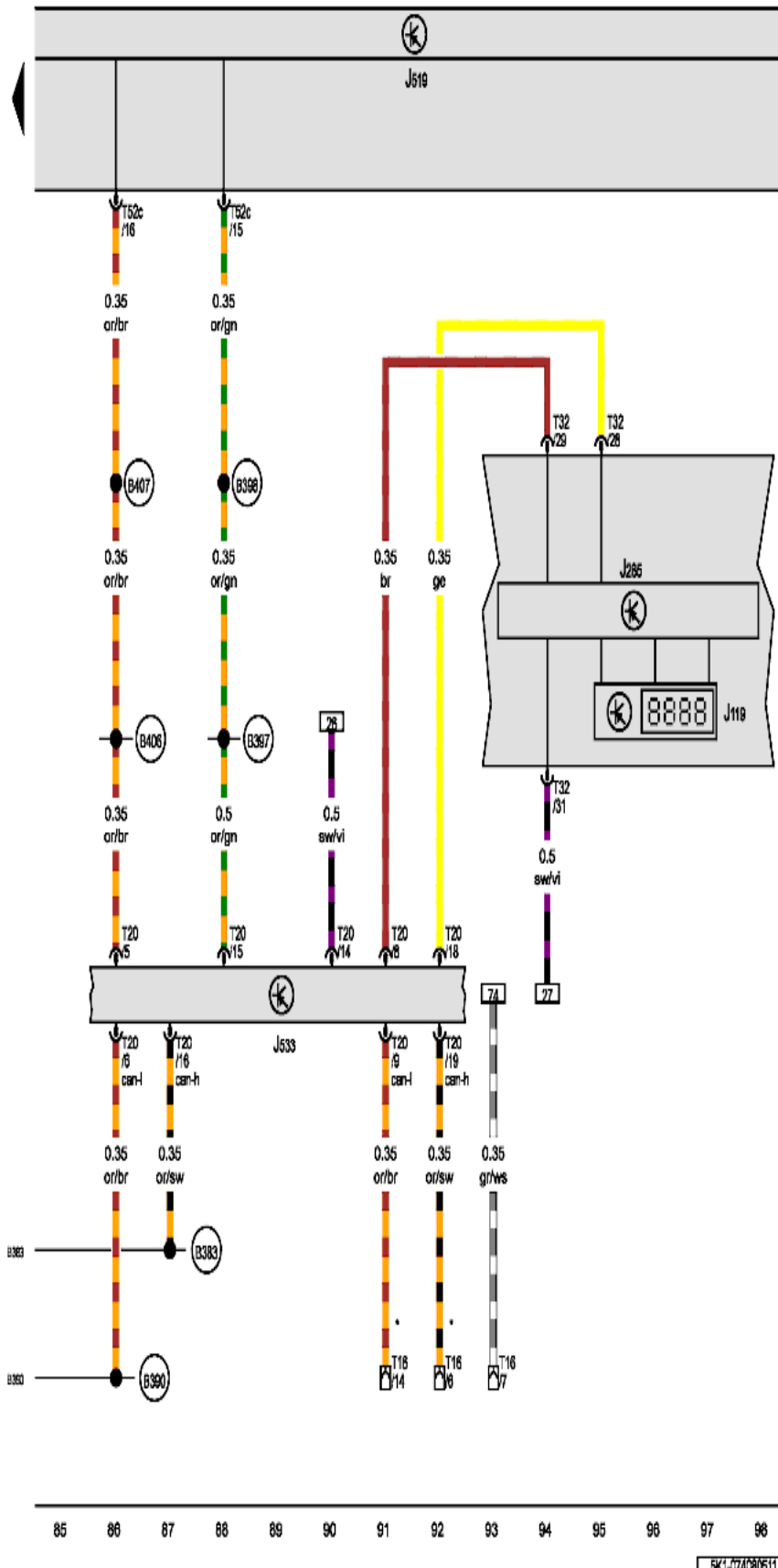
- G93 - Transmission fluid temperature sensor
- G195 - Transmission output speed sensor
- G196 - Transmission output speed sensor 2
- G510 - Temperature sensor in control module
- J519 - Vehicle electrical system control module
- J623 - Engine control module
- J743- DSG transmission Mechatronic, in the transmission
- T20e - 20-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- T94 - 94-pin connector
- 384 - Ground connection 19 (in main wiring harness)
- A76 - K-diagnostic lead connection (in instrument panel wiring harness)
- B340 - Connection 1 (58d) (in main wiring harness)
- B383 - Powertrain CAN bus high connection 1 (in main wiring harness)
- B390 - Powertrain CAN bus low connection 1 (in main wiring harness)
- D127 - Connection (25) (in engine compartment wiring harness)
- * - Only for vehicles with Start/Stop system
- *2 - Only for vehicles without Start/Stop system
- *3 - Only for vehicles with diesel engines

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 74 / 8



Multifunction indicator, Instrument cluster control module, Data bus on board diagnostic interface

- J119 - Multifunction indicator
- J285 - Instrument cluster control module
- J519 - Vehicle electrical system control module
- J533 - Data bus on board diagnostic interface, in the left footwell, near the center console
- T16 - 16-pin connector
- T20 - 20-pin connector
- T32 - 32-pin connector
- T52c - 52-pin connector
- B383 - Powertrain CAN bus high connection 1 (in main wiring harness)
- B390 - Powertrain CAN bus low connection 1 (in main wiring harness)
- B397 - Comfort system CAN bus high connection 1 (in main wiring harness)
- B398 - Comfort system CAN bus high connection 2



		(in main wiring harness)
		- Comfort system CAN bus low connection 1 (in main wiring harness)
ws = white	B406	
sw = black		
ro = red		
rt = red		
br = brown		
gn = green		
bl = blue		
gr = grey		
li = lilac	B407	- Comfort system CAN bus low connection 2 (in main wiring harness)
vi = lilac		
ge = yellow		
or = orange		
rs = pink		
	*	- Diagnostic connector

Golf

Wiring Diagram

No. 73 / 1

02.2010

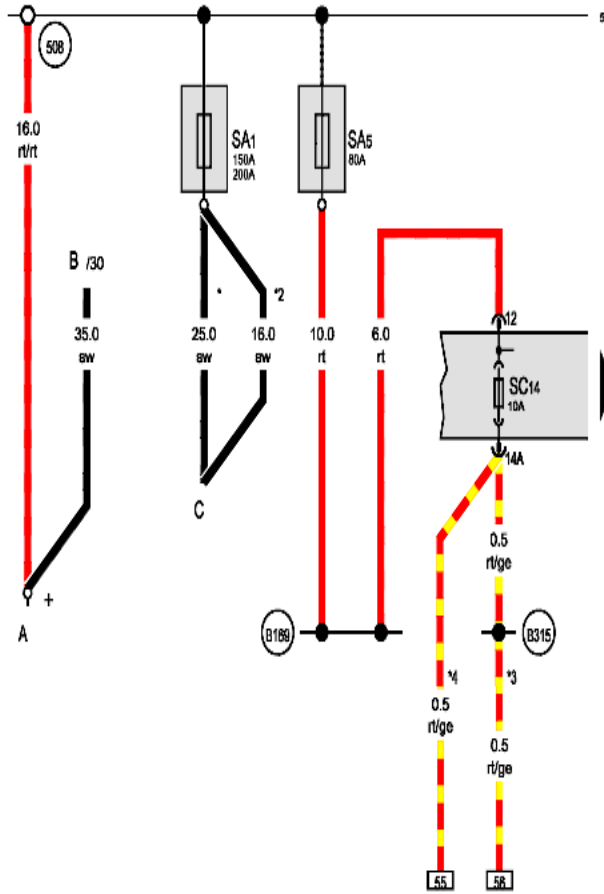
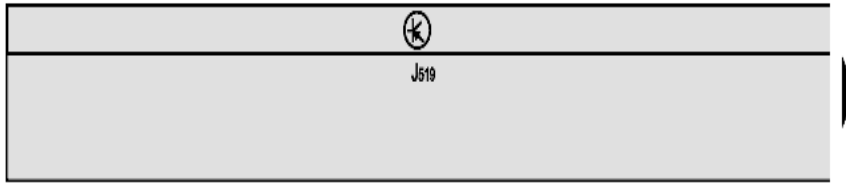
Automatic transmission - DSG 0AM

From November 2009

Golf

Wiring Diagram

No. 73 / 2

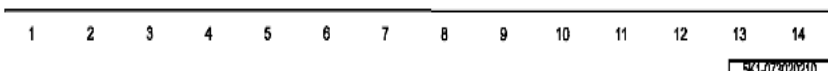


Fuse 1 (on fuse panel A), Fuse 5 (on fuse panel A), Fuse 14 (on fuse panel C)
 A - Battery
 B - Starter
 C - Generator
 J519 - Vehicle electrical system control module

SA1 - Fuse 1 (on fuse panel A)
 SA5 - Fuse 5 (on fuse panel A)
 SC14 - Fuse 14 (on fuse panel C)
 508 - Terminal 30 threaded connection (on E-box)
 B169 - Positive connection 1 (30) (in interior wiring harness)
 B315 - Positive connection 1 (30a) (in main wiring harness)

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

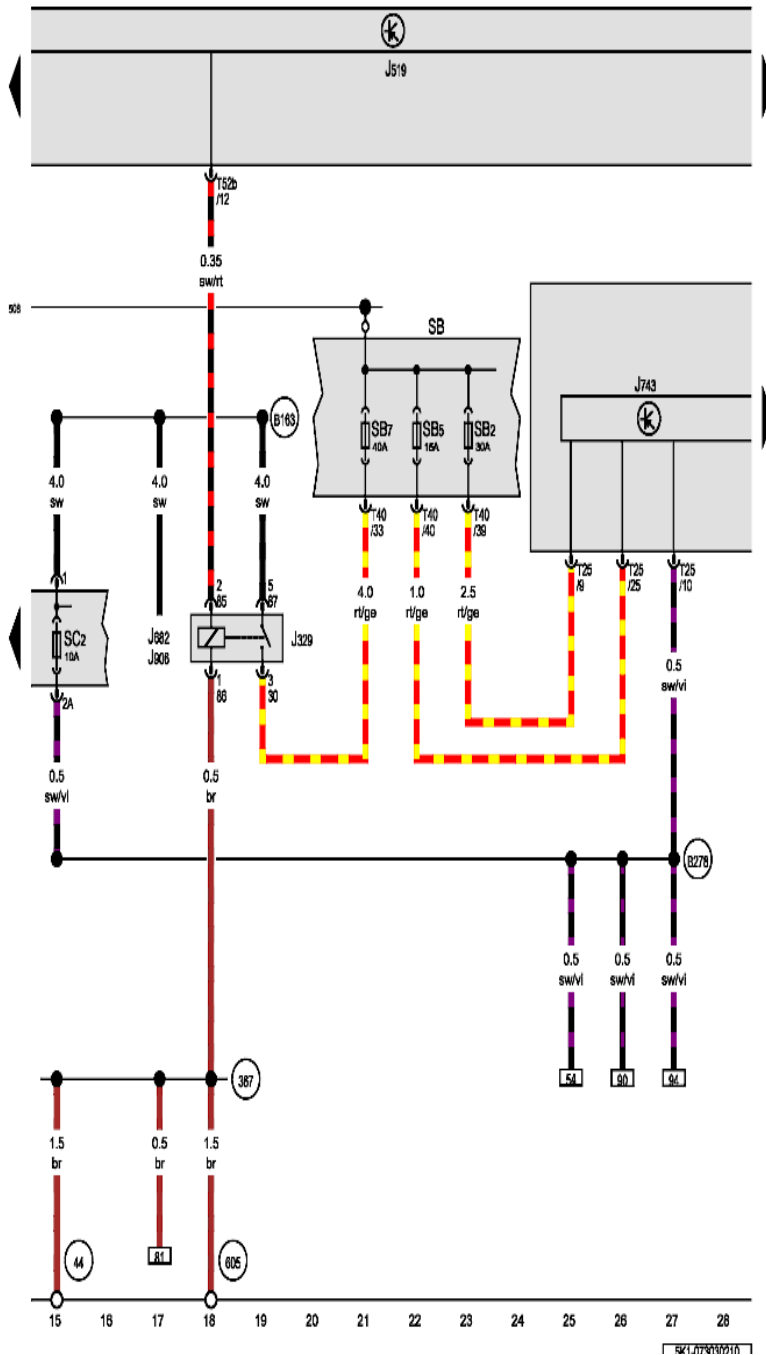
* - Only for vehicles with a generator (140 A)
 *2 - Only for vehicles with 90 A/120 A generator
 *3 - Only for vehicles with A/C system
 *4 - Only for vehicles without an A/C system



Golf

Wiring Diagram

No. 73 / 3



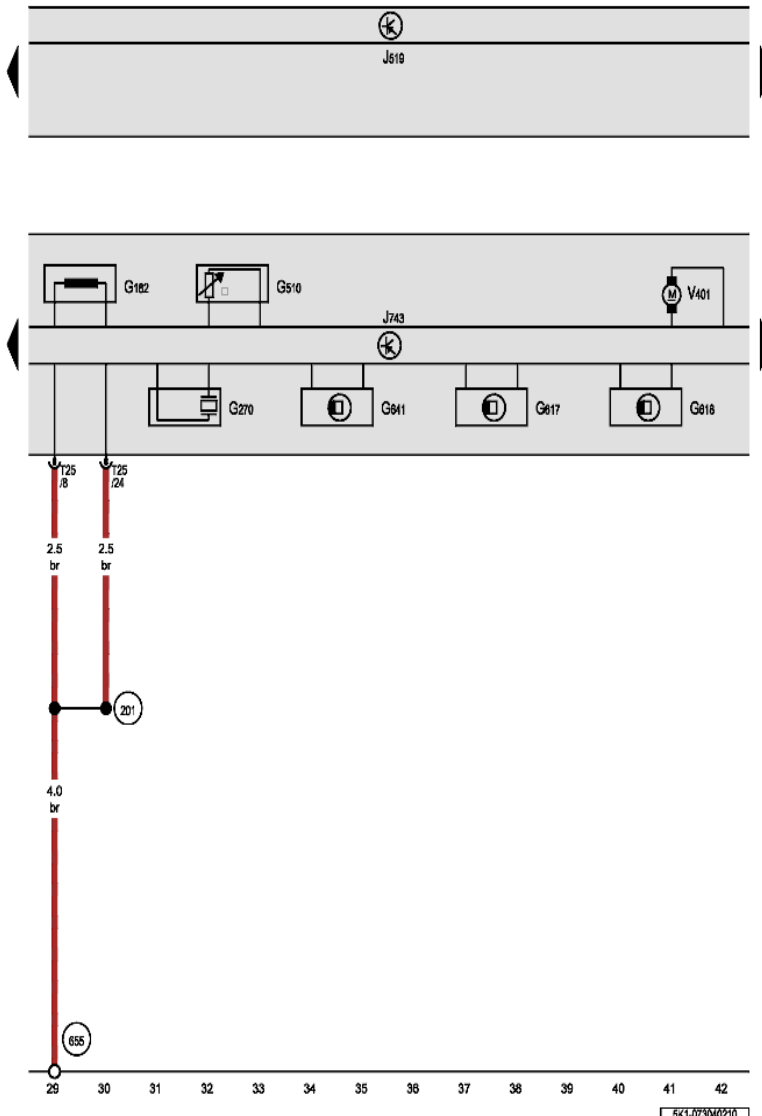
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink
















- Terminal 15 power supply relay, DSG transmission Mechatronic, Fuse panel B, Fuse 2 (on fuse panel C)**
- J329 - Terminal 15 power supply relay
- J519 - Vehicle electrical system control module
- J682 - Terminal 50 power supply relay
- J743- DSG transmission Mechatronic, in the transmission
- J906 - Starter relay 1
- SB - Fuse panel B
- SC2 - Fuse 2 (on fuse panel C)
- SB2 - Fuse 2 (on fuse panel B)
- SB5 - Fuse 5 (on fuse panel B)
- SB7 - Fuse 7 (on fuse panel B)
- T25 - 25-pin connector
- T40 - 40-pin connector
- T52b - 52-pin connector
- 44 - Ground connection on A-pillar, lower left
- 367 - Ground connection 2 (in main wiring harness)
- 508 - Terminal 30 threaded connection (on E-box)
- 605 - Ground connection on upper steering column
- B163 - Positive connection 1 (15) (in interior wiring harness)
- B278 - Positive connection 2 (15a) (in main wiring harness)

Golf

Wiring Diagram

No. 73 / 4

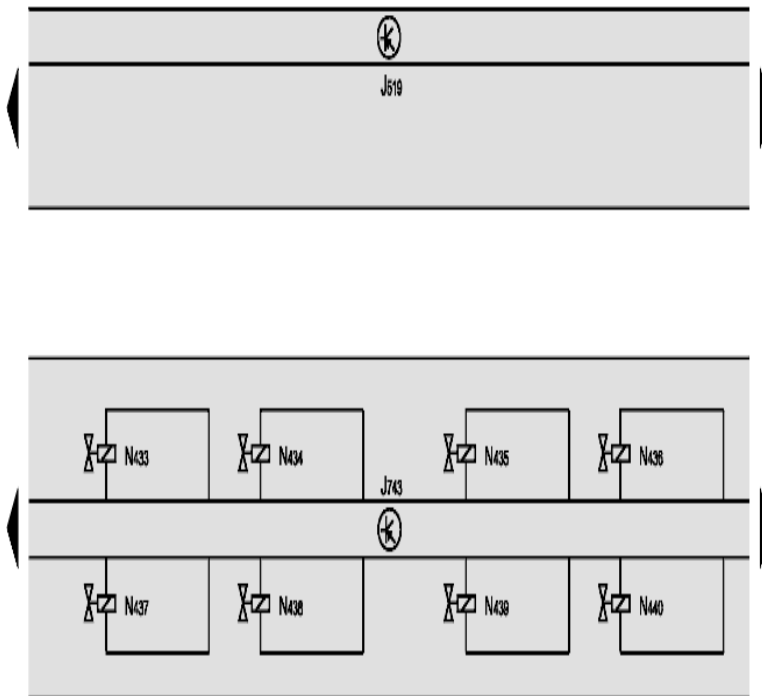


- Transmission input speed sensor, Hydraulic pressure sensor, Temperature sensor in control module, Clutch pedal position sensor 1, Clutch pedal position sensor 2, Transmission input speed sensor 3, DSG transmission Mechatronic, Hydraulic pump motor
- G182 - Transmission input speed sensor  
 - G270 - Hydraulic pressure sensor 
 - G510 - Temperature sensor in control module 
 - G617 - Clutch pedal position sensor 1 
 - G618 - Clutch pedal position sensor 2 
 - G641 - Transmission input speed sensor 3 
 - J519 - Vehicle electrical system control module 
 - J743- DSG transmission Mechatronic, in the transmission   
 - T25 - 25-pin connector 
 - V401 - Hydraulic pump motor 
 - 201 - Ground connection 5 (in engine compartment wiring harness) 
 - 655 - Ground connection on left headlamp 
- ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

Golf

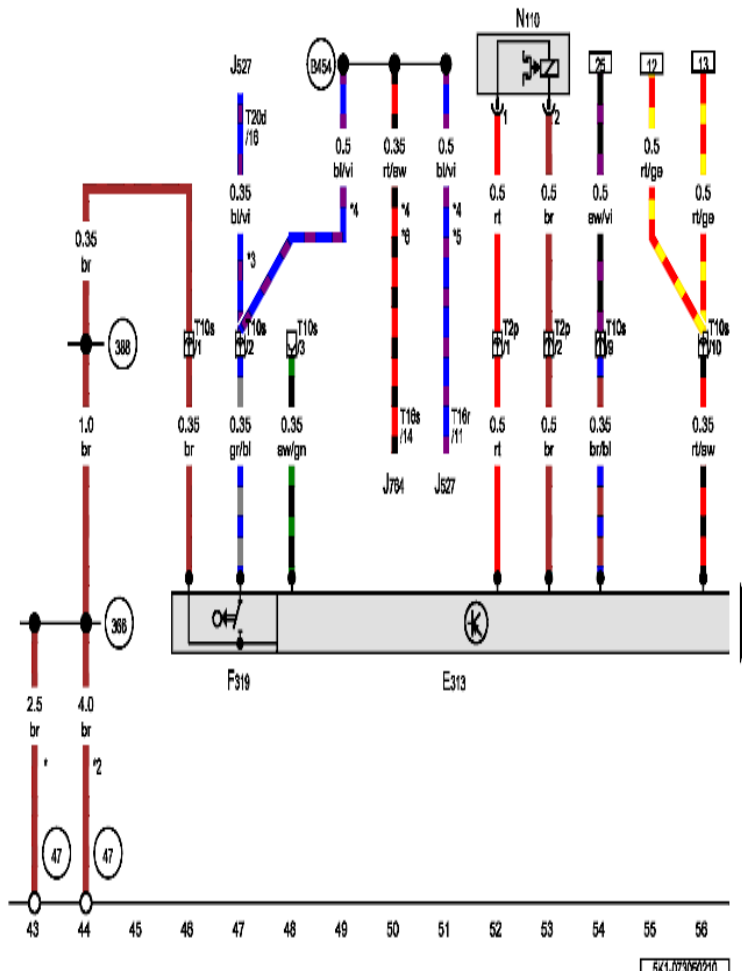
Wiring Diagram

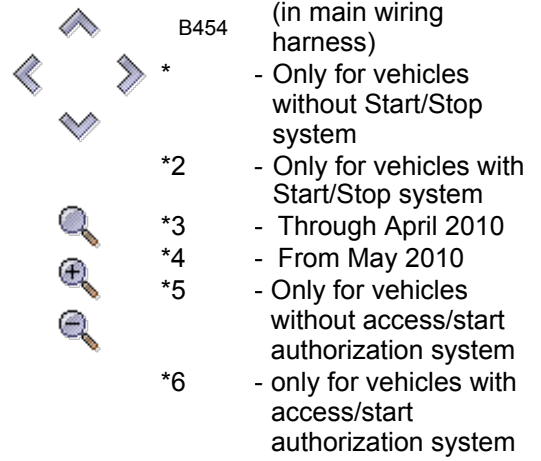
No. 73 / 5



Selector lever park position lock switch, DSG transmission Mechatronic

- E313 - Selector lever
- F319 - Selector lever park position lock switch
- J519 - Vehicle electrical system control module
- J527 - Steering column electronics control module
- J743- DSG transmission Mechatronic, in the transmission
- J764 - Electronic steering column lock control module
- N110 - Shift lock solenoid
- N433 - Sub-transmission 1 valve 1
- N434 - Sub-transmission 1 valve 2
- N435 - Sub-transmission 1 valve 3
- N436 - Sub-transmission 1 valve 4
- N437 - Sub-transmission 2 valve 1
- N438 - Sub-transmission 2 valve 2
- N439 - Sub-transmission 2 valve 3
- N440 - Sub-transmission 2 valve 4
- T2p - Double connector, under the selector lever
- T10s - 10-pin connector, under the selector lever
- T16r - 16-pin connector
- T16s - 16-pin connector
- T20d - 20-pin connector
- 47 - Ground connection in right front footwell
- 366 - Ground connection 1 (in main wiring harness)
- 388 - Ground connection 23 (in main wiring harness)
- Shift lock connection



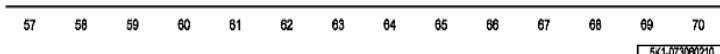
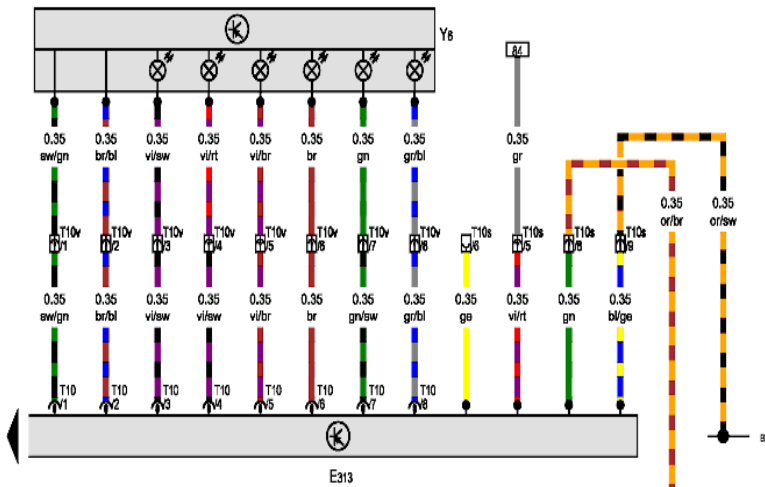
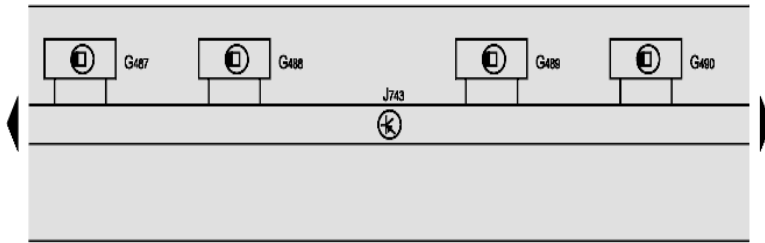
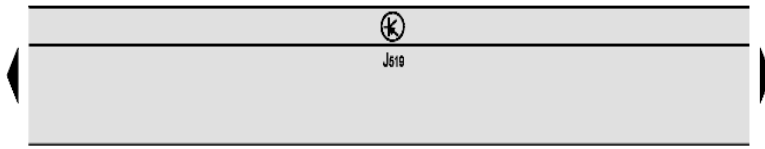


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 73 / 6



Gear position distance sensor 1, Gear position distance sensor 2, Gear position distance sensor 3, Gear position distance sensor 4, DSG transmission Mechatronic, Transmission range display

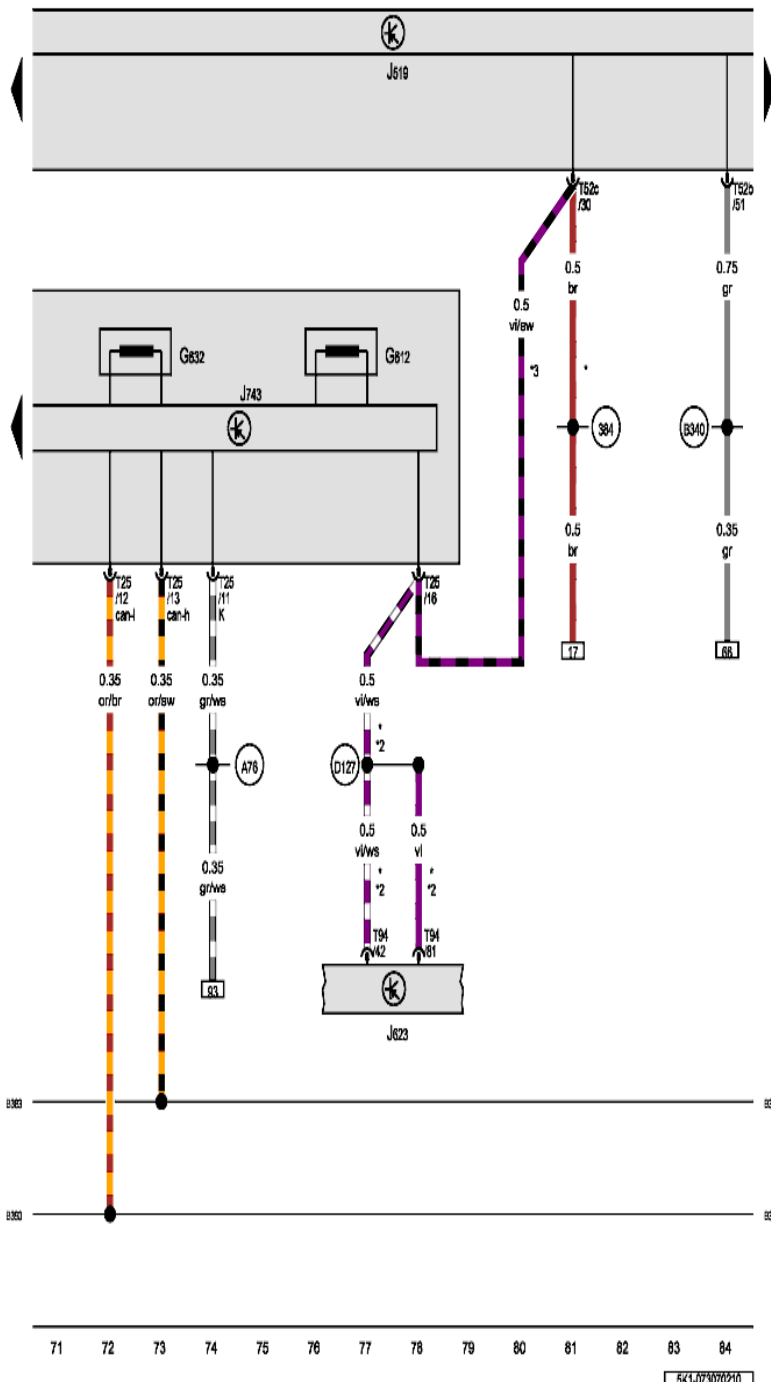
- E313 - Selector lever
- G487 - Gear position distance sensor 1
- G488 - Gear position distance sensor 2
- G489 - Gear position distance sensor 3
- G490 - Gear position distance sensor 4
- J519 - Vehicle electrical system control module
- J743- DSG transmission Mechatronic, in the transmission
- T10 - 10-pin connector
- T10s - 10-pin connector, under the selector lever
- T10v - 10-pin connector, under the selector lever
- Y6 - Transmission range display
- B383 - Powertrain CAN bus high connection 1 (in main wiring harness)
- B390 - Powertrain CAN bus low connection 1 (in main wiring harness)

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 73 / 7



Transmission input speed sensor 2, Transmission input speed sensor 1, DSG transmission Mechatronic

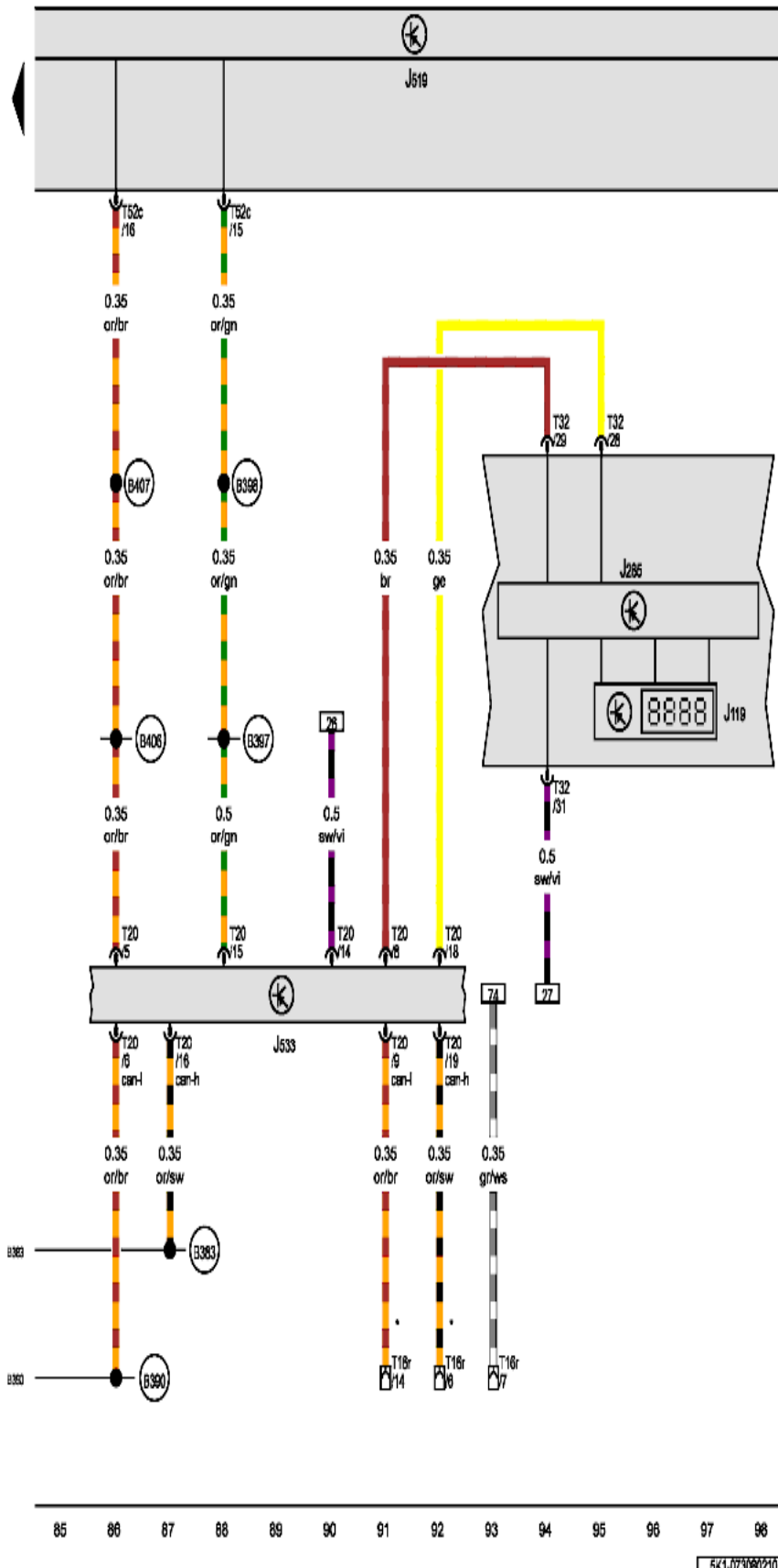
- G612 - Transmission input speed sensor 2
- G632 - Transmission input speed sensor 1
- J519 - Vehicle electrical system control module
- J623 - Engine control module
- J743- DSG transmission Mechatronic, in the transmission
- T25 - 25-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- T94 - 94-pin connector
- 384 - Ground connection 19 (in main wiring harness)
- A76 - K-diagnostic lead connection (in instrument panel wiring harness)
- B340 - Connection 1 (58d) (in main wiring harness)
- B383 - Powertrain CAN bus high connection 1 (in main wiring harness)
- B390 - Powertrain CAN bus low connection 1 (in main wiring harness)
- D127 - Connection (25) (in engine compartment wiring harness)
- * - Only for vehicles with Start/Stop system
- *2 - Only for vehicles with diesel engines
- *3 - Only for vehicles without Start/Stop system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 73 / 8



Multifunction indicator, Instrument cluster control module, Data bus on board diagnostic interface

- J119 - Multifunction indicator
- J285 - Instrument cluster control module
- J519 - Vehicle electrical system control module
- J533 - Data bus on board diagnostic interface, in the left footwell, near the center console
- T16r - 16-pin connector
- T20 - 20-pin connector
- T32 - 32-pin connector
- T52c - 52-pin connector
- B383 - Powertrain CAN bus high connection 1 (in main wiring harness)
- B390 - Powertrain CAN bus low connection 1 (in main wiring harness)
- B397 - Comfort system CAN bus high connection 1 (in main wiring harness)
- B398 - Comfort system CAN bus high connection 2

		(in main wiring harness)
		- Comfort system CAN bus low connection 1 (in main wiring harness)
ws = white	B406	
sw = black		
ro = red		
rt = red		
br = brown		
gn = green		
bl = blue		
gr = grey		
li = lilac	B407	- Comfort system CAN bus low connection 2 (in main wiring harness)
vi = lilac		
ge = yellow		
or = orange		
rs = pink		
	*	- Diagnostic connector

Golf

Wiring Diagram

No. 137 / 1

09.2012








Auxiliary heater (PTC), gasoline engine
from November 2011

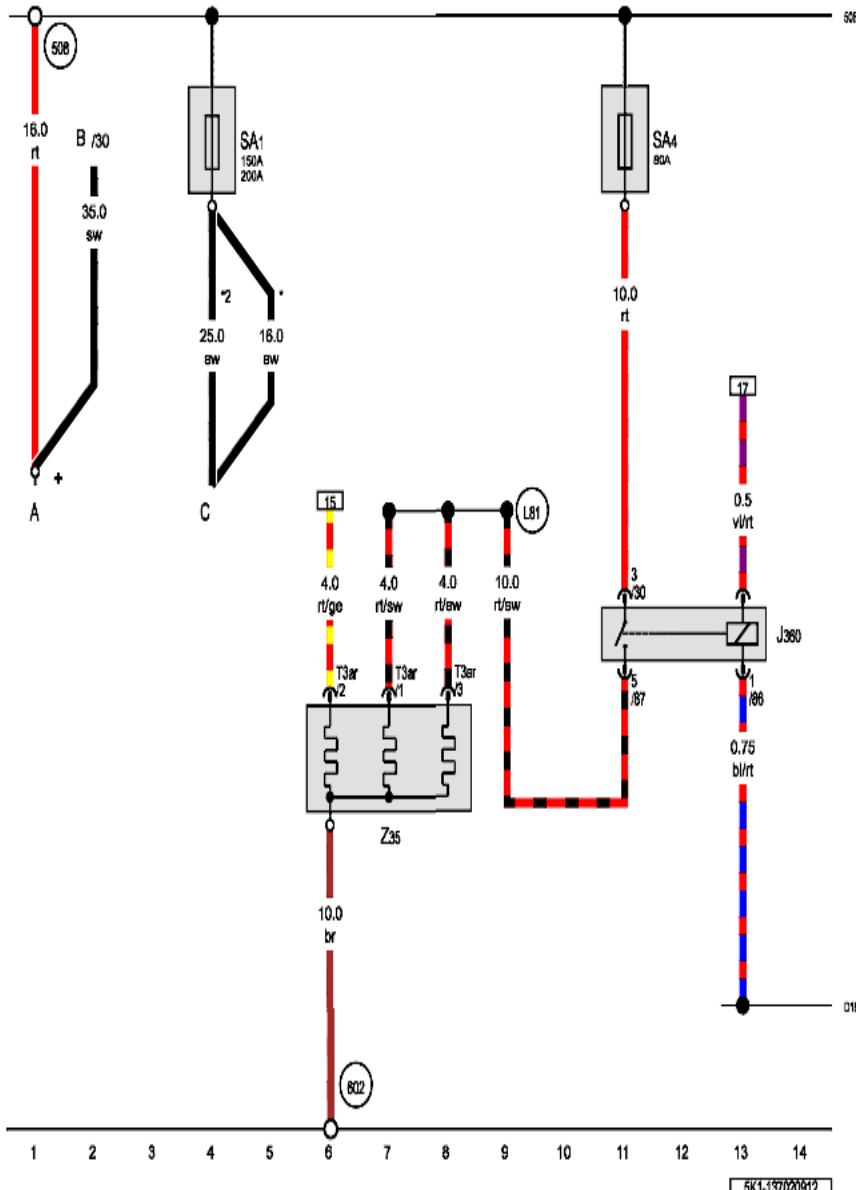
Golf

Wiring Diagram

No. 137 / 2

High heat output relay, Fuse 1 (on fuse panel A), Fuse 4 (on fuse panel A), Auxiliary heater heating element

- A - Battery
- B - Starter
- C - Generator
- J360 - High heat output relay 
- SA1 - Fuse 1 (on fuse panel A) 
- SA4 - Fuse 4 (on fuse panel A) 
- T3ar - 3-pin connector 
- Z35 - Auxiliary heater heating element 
- 508 - Terminal 30 threaded connection (on E-box) 
- 602 - Ground connection in left front footwell 
- D183 - Connection 87a (in engine compartment wiring harness) 4
- L81 - Connection (in auxiliary heater wiring harness)
- * - Only for vehicles with 90 A/120 A generator
- *2 - Only for vehicles with a generator (140 A)



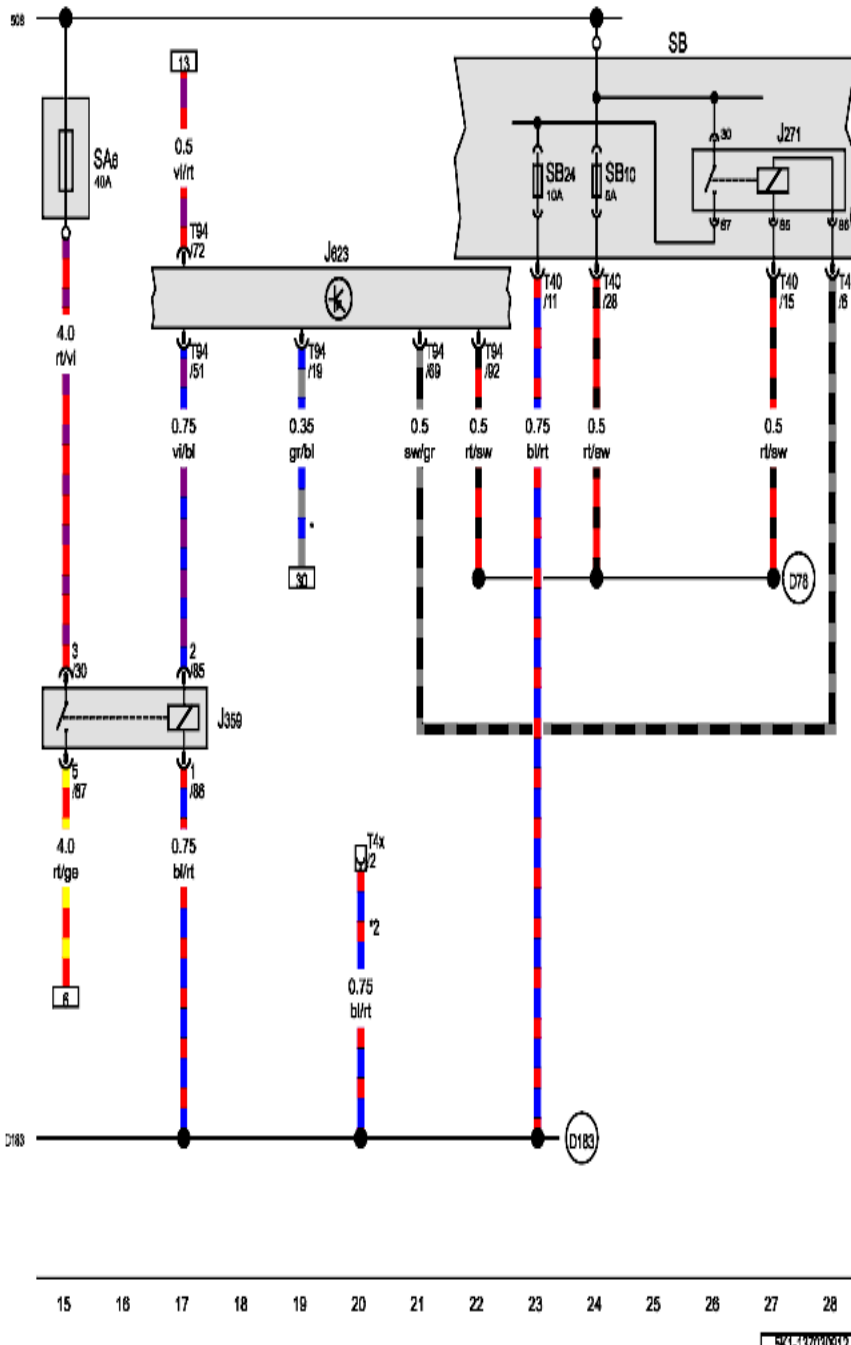
Golf

Wiring Diagram

No. 137 / 3

Motronic engine control module power supply relay, Low heat output relay, Engine control module, Fuse 6 (on fuse panel A), Fuse panel B

- J271 - Motronic engine control module power supply relay
- J359 - Low heat output relay
- J623 - Engine control module, in the center plenum chamber
- SA6 - Fuse 6 (on fuse panel A)
- SB - Fuse panel B
- SB10 - Fuse 10 (on fuse panel B)
- SB24 - Fuse 24 (on fuse panel B)
- T4x - 4-pin connector, on the lower left coolant fan
- T40 - 40-pin connector
- T94 - 94-pin connector
- 508 - Terminal 30 threaded connection (on E-box)
- D78 - Positive connection 1 (30a) (in engine compartment wiring harness)
- D183 - Connection 87a (in



gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

*

*2









engine
compartment
wiring
harness) 4
- Only for
vehicles
without an
A/C system
- Coolant fan
connection

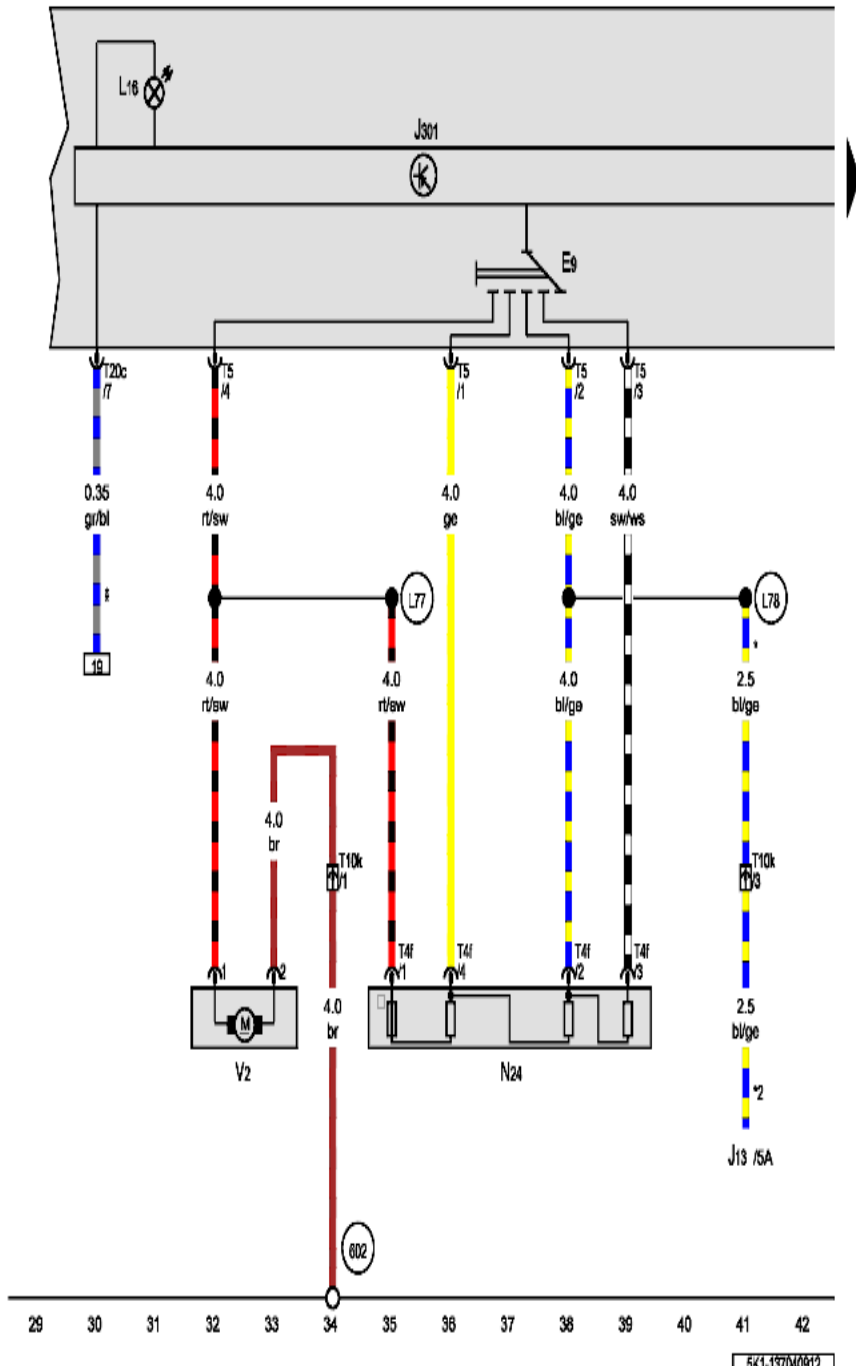
Golf

Wiring Diagram

No. 137 / 4

Fresh air blower switch, A/C control module, Fresh air blower series resistor with fuse, Fresh air blower

- E9 - Fresh air blower switch 
- J13 - Fresh air blower relay 
- J301 - A/C control module 
- L16 - Fresh air control control illumination bulb 
- N24 - Fresh air blower series resistor with fuse 
- T4f - 4-pin connector
- T5 - 5-pin connector
- T9 - 9-pin connector
- T10k - 10-pin connector, behind the instrument panel, right 
- T20c - 20-pin connector
- V2 - Fresh air blower 
- 602 - Ground connection in left front footwell 
- L77 - Connection (in fresh air blower wiring harness)
- L78 - Connection 1 (in fresh air blower wiring harness)
- * - Only for vehicles without an A/C system



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

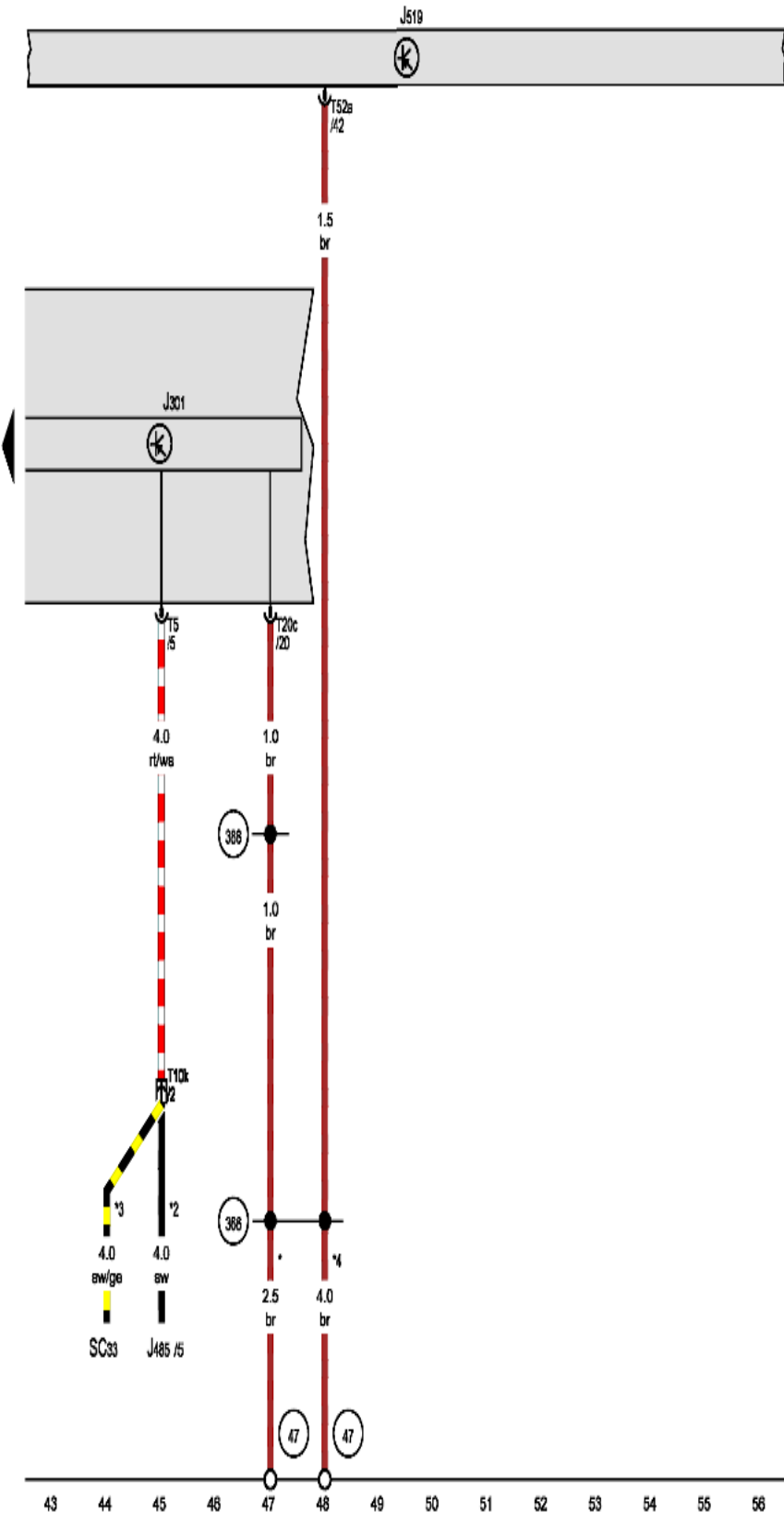
*2 - Only for
vehicles with
auxiliary
water heater

Golf

Wiring Diagram

No. 137 / 5

- A/C control module**
- J301 - A/C control module
- J485 - Auxiliary heater operation relay
- J519 - Vehicle electrical system control module
- SC33 - Fuse 33 (on fuse panel C)
- T5 - 5-pin connector
- T10k - 10-pin connector, behind the instrument panel, right
- T20c - 20-pin connector
- T52a - 52-pin connector
- 47 - Ground connection in right front footwell
- 366 - Ground connection 1 (in main wiring harness)
- 388 - Ground connection 23 (in main wiring harness)
- * - Only for vehicles without Start/Stop system
- *2 - Only for vehicles with auxiliary water heater
- *3 - Only for vehicles without auxiliary water heater
- *4 - Only for



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

vehicles with
Start/Stop
system

Golf

Wiring Diagram

No. 81 / 1

08.2011

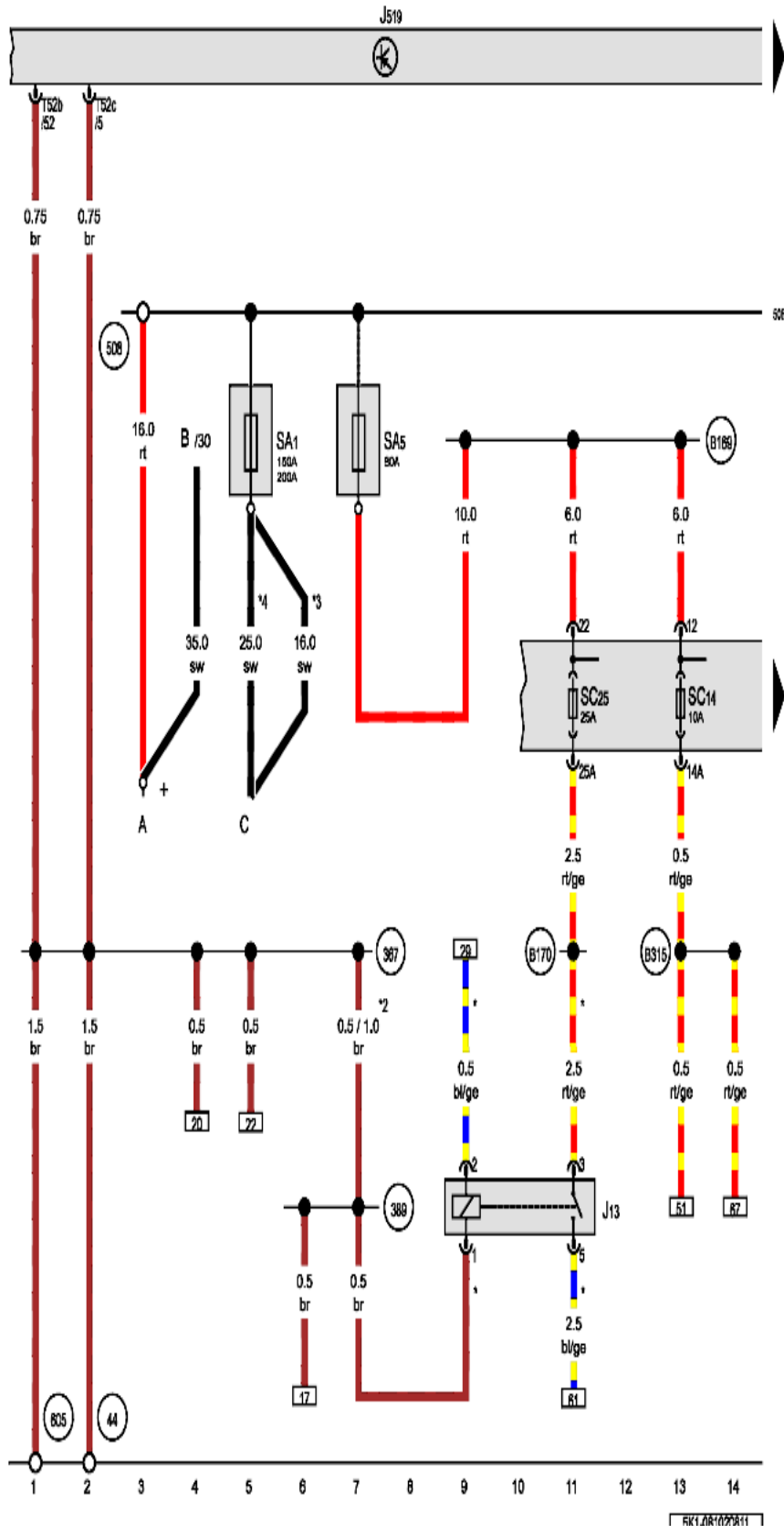
Auxiliary heater

from November 2009

Golf

Wiring Diagram

No. 81 / 2



Fresh air blower relay, Fuse 1 (on fuse panel A), Fuse 5 (on fuse panel A), Fuse 14 (on fuse panel C), Fuse 25 (on fuse panel C)

- A - Battery
- B - Starter
- C - Generator
- J13 - Fresh air blower relay
- J519 - Vehicle electrical system control module
- SA1 - Fuse 1 (on fuse panel A)
- SA5 - Fuse 5 (on fuse panel A)
- SC14 - Fuse 14 (on fuse panel C)
- SC25 - Fuse 25 (on fuse panel C)
- T52b - 52-pin connector
- T52c - 52-pin connector
- 44 - Ground connection on A-pillar, lower left
- 367 - Ground connection 2 (in main wiring harness)
- 389 - Ground connection 24 (in main wiring harness)
- 508 - Terminal 30 threaded connection (on E-box)
- 605 - Ground connection on upper steering



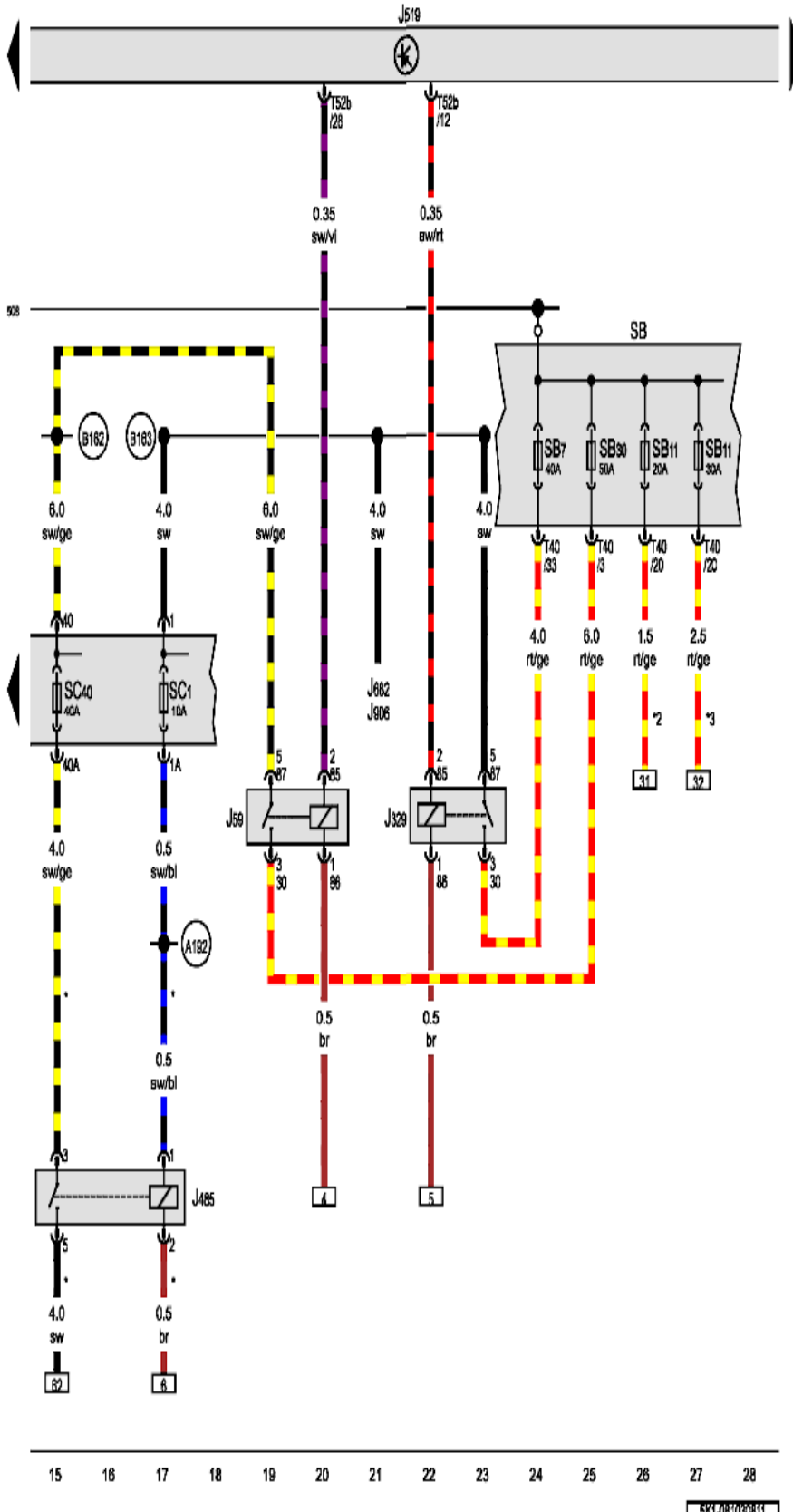
- column
- B169 - Positive connection 1 (30) (in interior wiring harness)
- B170 - Positive connection 2 (30) (in interior wiring harness)
- B315 - Positive connection 1 (30a) (in main wiring harness)
- * - Only for vehicles without Climatronic
- *2 - From November 2010
- *3 - Only for vehicles with 90 A/120 A generator
- *4 - Only for vehicles with a generator (140 A)

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 81 / 3



- Load reduction relay, Terminal 15 power supply relay, Auxiliary heater operation relay, Fuse panel B, Fuse 1 (on fuse panel C), Fuse 40 (on fuse panel C)
- J59 - Load reduction relay
- J329 - Terminal 15 power supply relay
- J485 - Auxiliary heater operation relay
- J519 - Vehicle electrical system control module
- J662 - Terminal 50 power supply relay
- J906 - Starter relay 1
- SB - Fuse panel B
- SC1 - Fuse 1 (on fuse panel C)
- SB7 - Fuse 7 (on fuse panel B)
- SB11 - Fuse 11 (on fuse panel B)
- SB30 - Fuse 30 (on fuse panel B)
- SC40 - Fuse 40 (on fuse panel C)
- T40 - 40-pin connector
- T52b - 52-pin connector
- 508 - Terminal 30 threaded connection (on E-box)
- A192 - Positive connection 3

- (15a) (in instrument panel wiring harness)
- B162 - Connection (75a) (in interior wiring harness)
- B163 - Positive connection 1 (15) (in interior wiring harness)
- * - Only for vehicles without Climatronic
- *2 - Through October 2010
- *3 - From November 2010

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

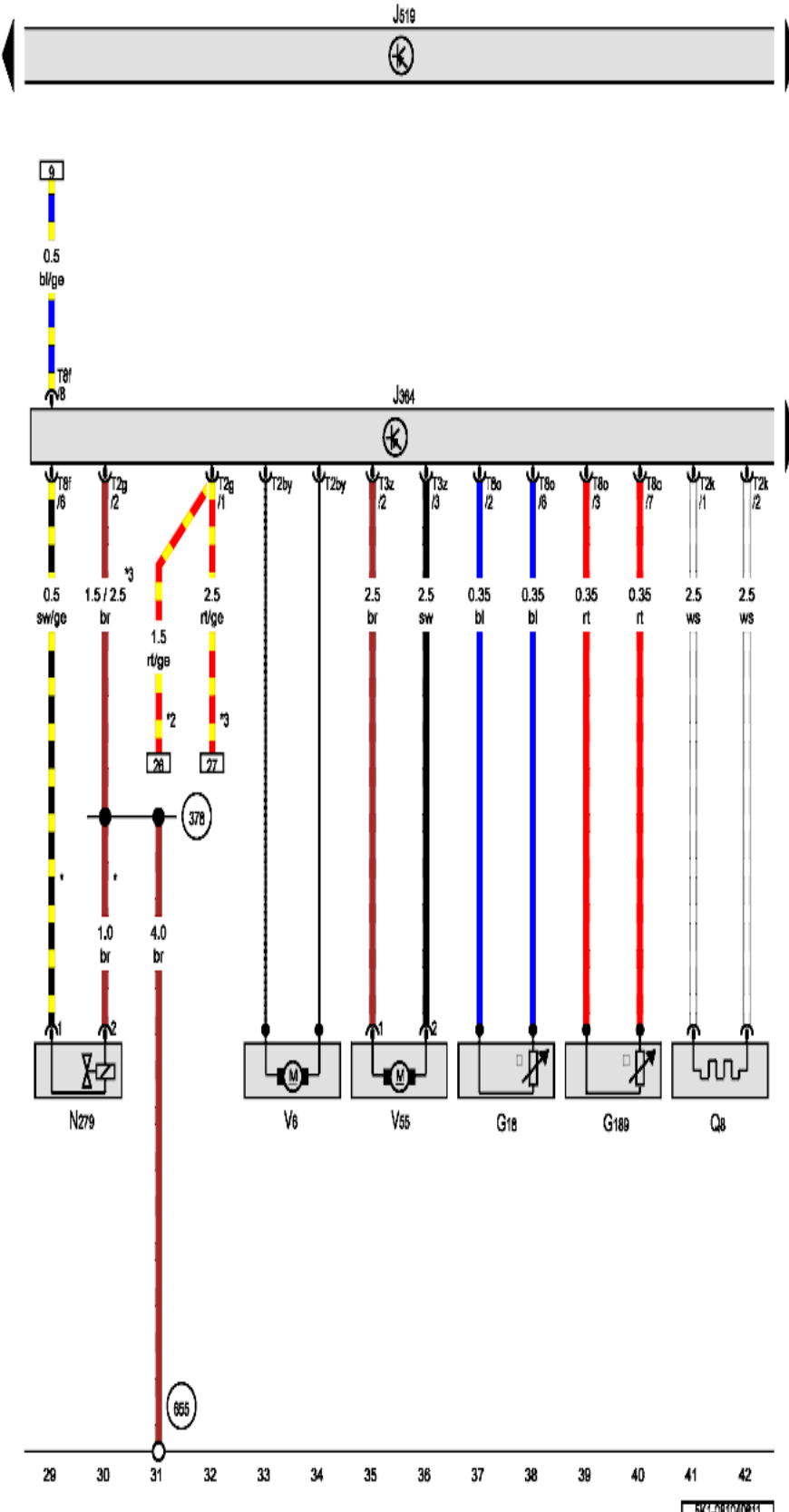
Golf

Wiring Diagram

No. 81 / 4

Temperature sensor,
Overheat sensor,
Auxiliary heater
control module,
Heater coolant shut-
off valve, Glow plug
with flame
monitoring,
Combustion air
blower,
Recirculation pump

- G18 - Temperature sensor
- G189 - Overheat sensor
- J364 - Auxiliary heater control module
- J519 - Vehicle electrical system control module
- N279 - Heater coolant shut-off valve
- Q8 - Glow plug with flame monitoring
- T2by - Double connector
- T2g - Double connector
- T2k - Double connector
- T3z - 3-pin connector
- T8f - 8-pin connector
- T8o - 8-pin connector
- V6 - Combustion air blower
- V55 - Recirculation pump
- 378 - Ground connection 13 (in main wiring harness)
- 655 - Ground connection on left headlamp
- * - Depending on



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac

ge = yellow
or = orange
rs = pink

*2

*3

equipment
- Through
October
2010
- From
November
2010

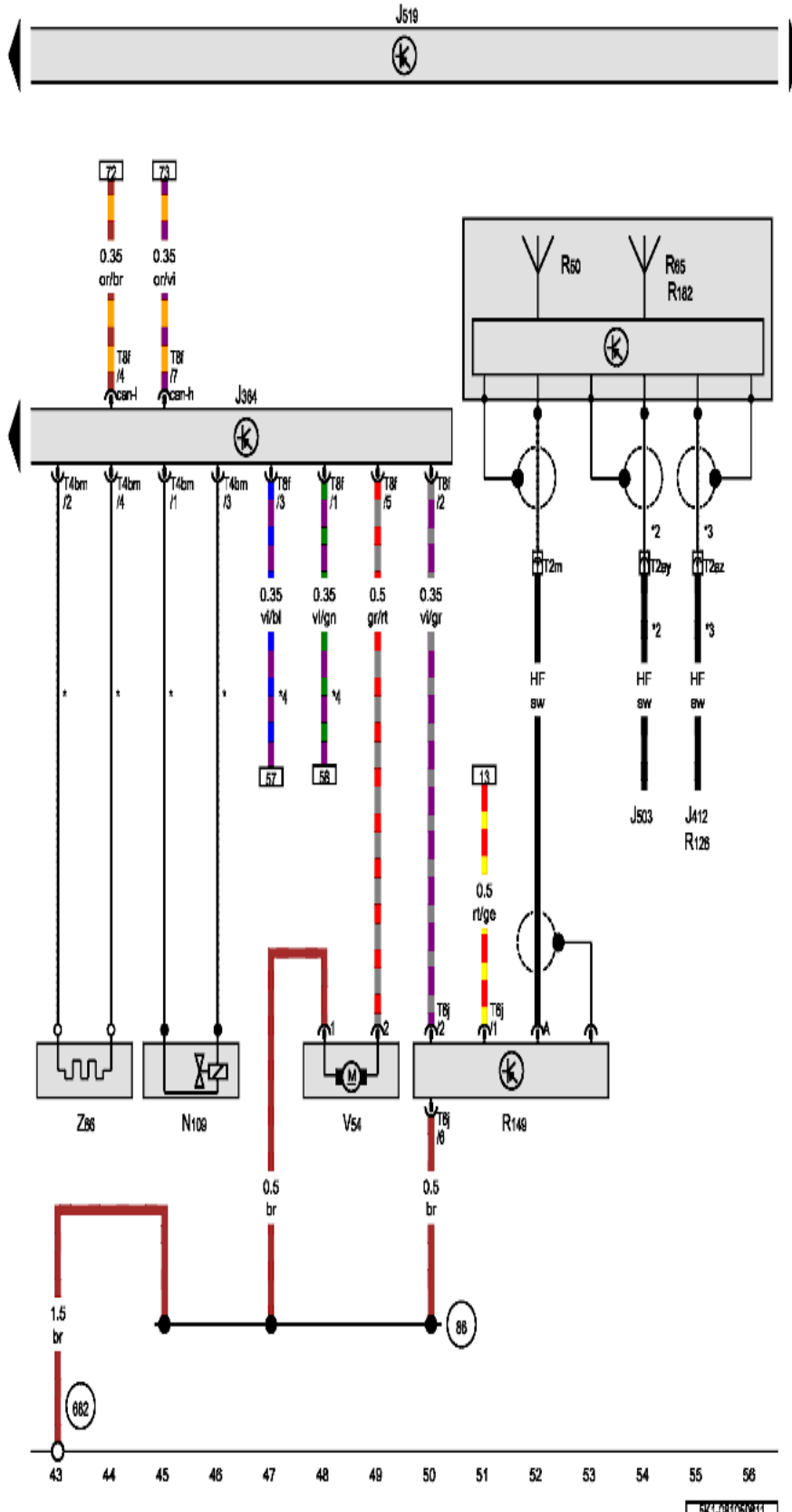
Golf


Wiring Diagram

No. 81 / 5

Auxiliary heater control module, Fuel cut-off valve, GPS antenna, Telephone antenna, Auxiliary engine coolant heater radio frequency receiver, Auxiliary heater antenna, Metering pump, Fuel preheating element

- J364 - Auxiliary heater control module
- J412 - Cell phone operating electronics control module
- J503- Radio/navigation display unit control module
- J519 - Vehicle electrical system control module
- N109 - Fuel cut-off valve
- R50 - GPS antenna
- R65 - Telephone antenna
- R126 - Telephone baseplate
- R149 - Auxiliary engine coolant heater radio frequency receiver
- R182 - Auxiliary heater antenna
- T2 - Double connector
- T2ay - Double connector
- T2az - Double connector
- T2m - Double connector,



- near the roof antenna 
- T4bm - 4-pin connector
- T6j - 6-pin connector
- T8f - 8-pin connector
- V54 - Metering pump
- Z66 - Fuel preheating element
- 86 - Ground connection 1 (in rear wiring harness)
- 682 - Ground connection 2 in right rear side panel
- * - Only for vehicles with diesel engines
- *2 - Only for vehicles with radio navigation system
- *3 - Only for vehicles with with a cell phone/telephone prep
- *4 - Only for vehicles without an A/C system

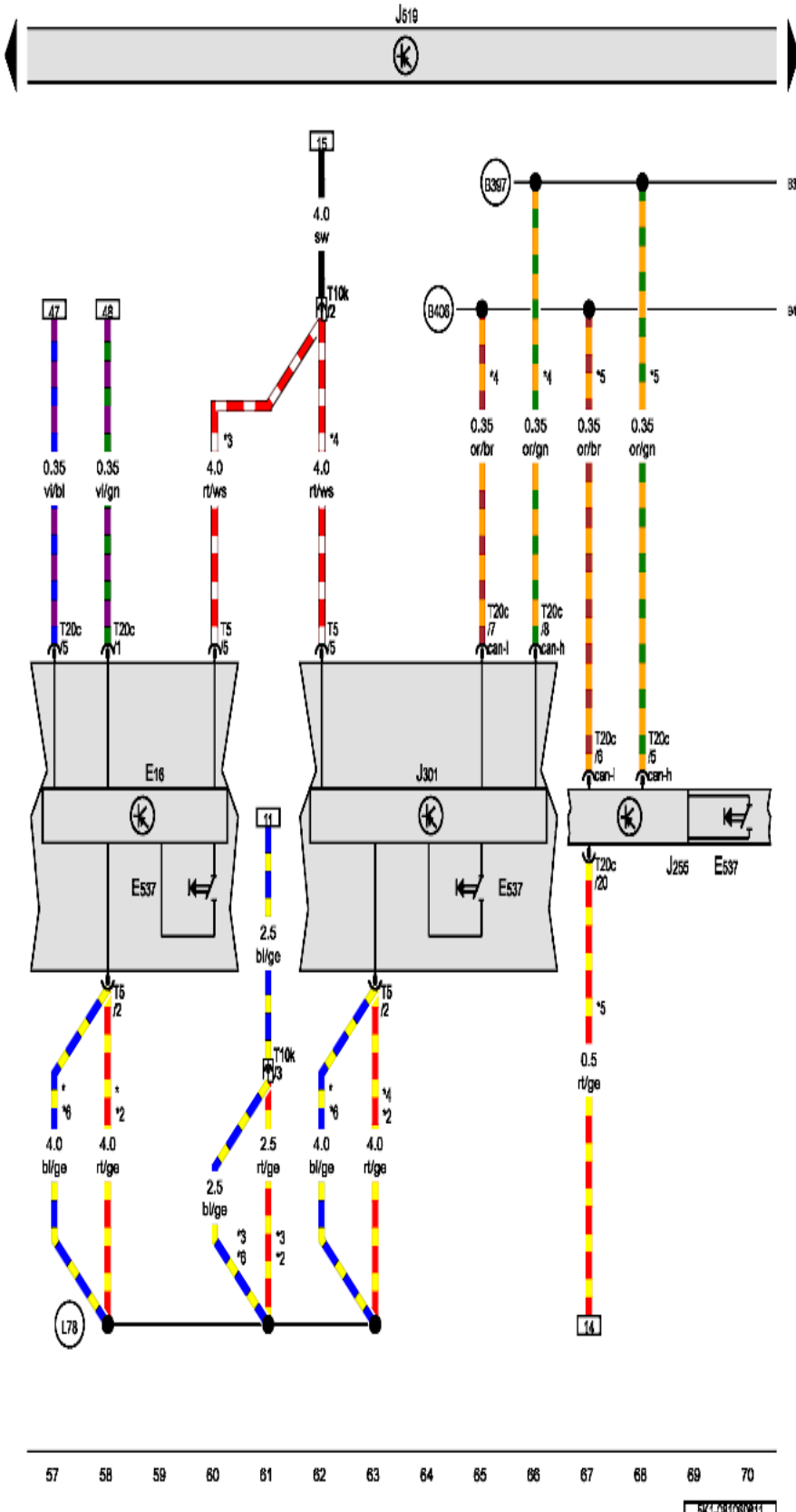














ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 81 / 6



- Immediate heating button**
- E16 - Heater/heat output switch
 - E537 - Immediate heating button 
 - J255- Climatic control module  
 - J301- A/C control module  
 - J519 - Vehicle electrical system control module 
 - T5 - 5-pin connector
 - T10k - 10-pin connector 
 - T20c - 20-pin connector
 - B397 - Comfort system CAN bus high connection 1 (in main wiring harness)   
 - B406 - Comfort system CAN bus low connection 1 (in main wiring harness)  
 - L78 - Connection 1 (in fresh air blower wiring harness)
 - * - Only for vehicles without an A/C system
 - *2 - Through October 2010
 - *3 - Only for vehicles without Climatic
 - *4 - Only for vehicles with Climatic
 - *5 - Only for

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink




*6 vehicles with
- Climatronic
- From
November
2010

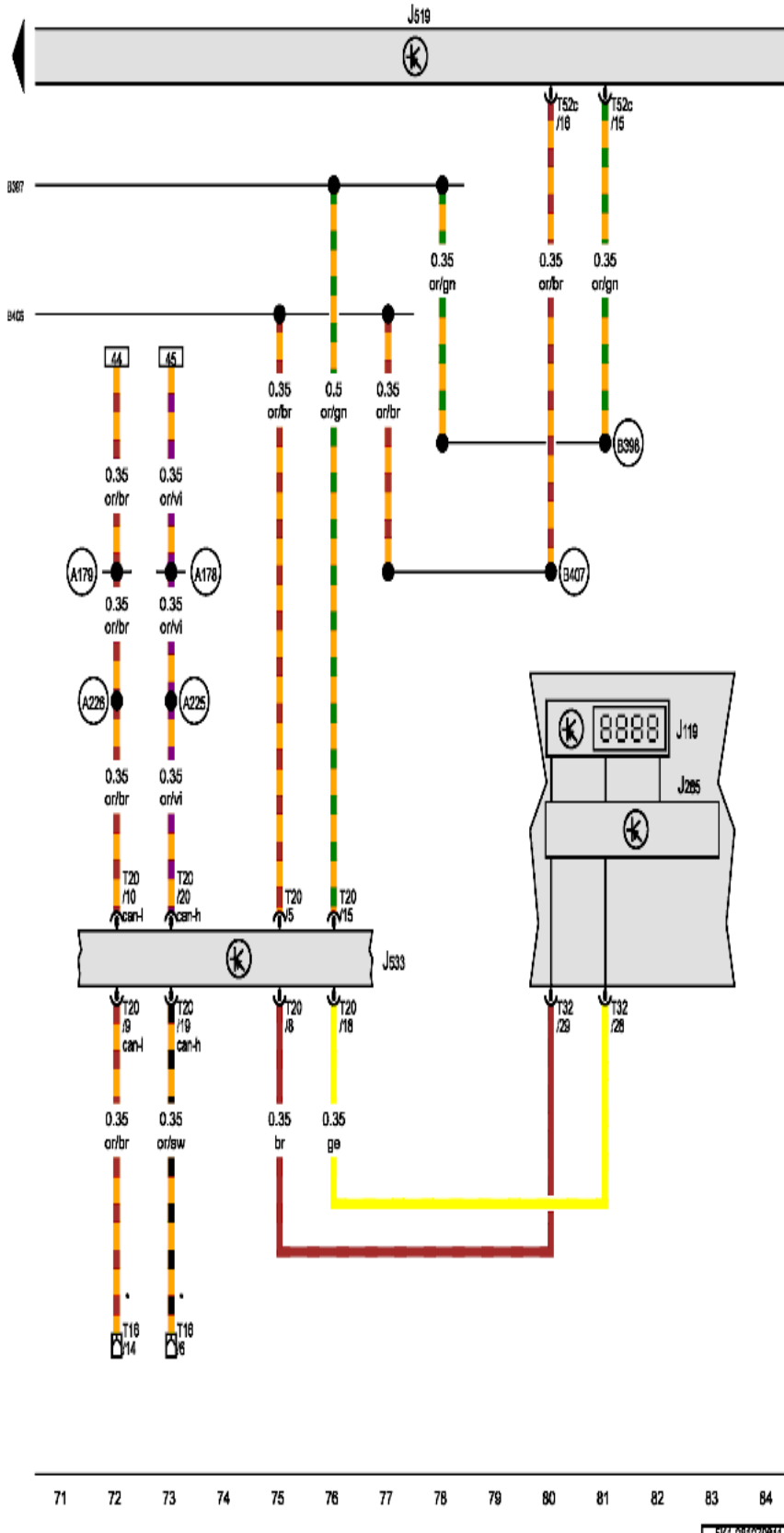
Golf

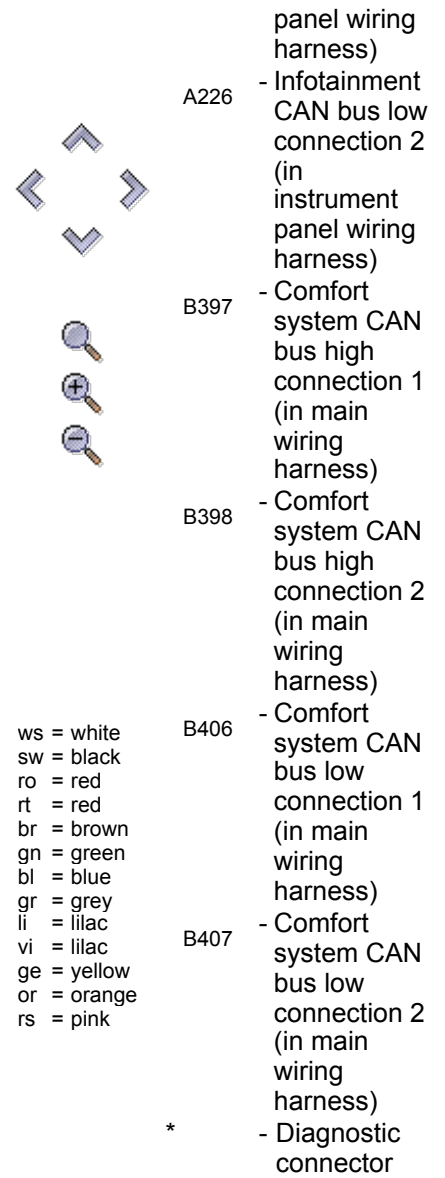
Wiring Diagram

No. 81 / 7

Multifunction indicator, Instrument cluster control module, Data bus on board diagnostic interface

- J119 - Multifunction indicator
- J285 - Instrument cluster control module 
- J519 - Vehicle electrical system control module 
- J533 - Data bus on board diagnostic interface, in the left footwell, near the center console 
- T16 - 16-pin connector, under the instrument panel, left
- T20 - 20-pin connector
- T32 - 32-pin connector
- T52c - 52-pin connector
- A178 - Infotainment CAN bus high connection (in instrument panel wiring harness)
- A179 - Infotainment CAN bus low connection (in instrument panel wiring harness)
- A225 - Infotainment CAN bus high connection 2 (in instrument





Golf

Wiring Diagram

No. 100 / 1

12.2011

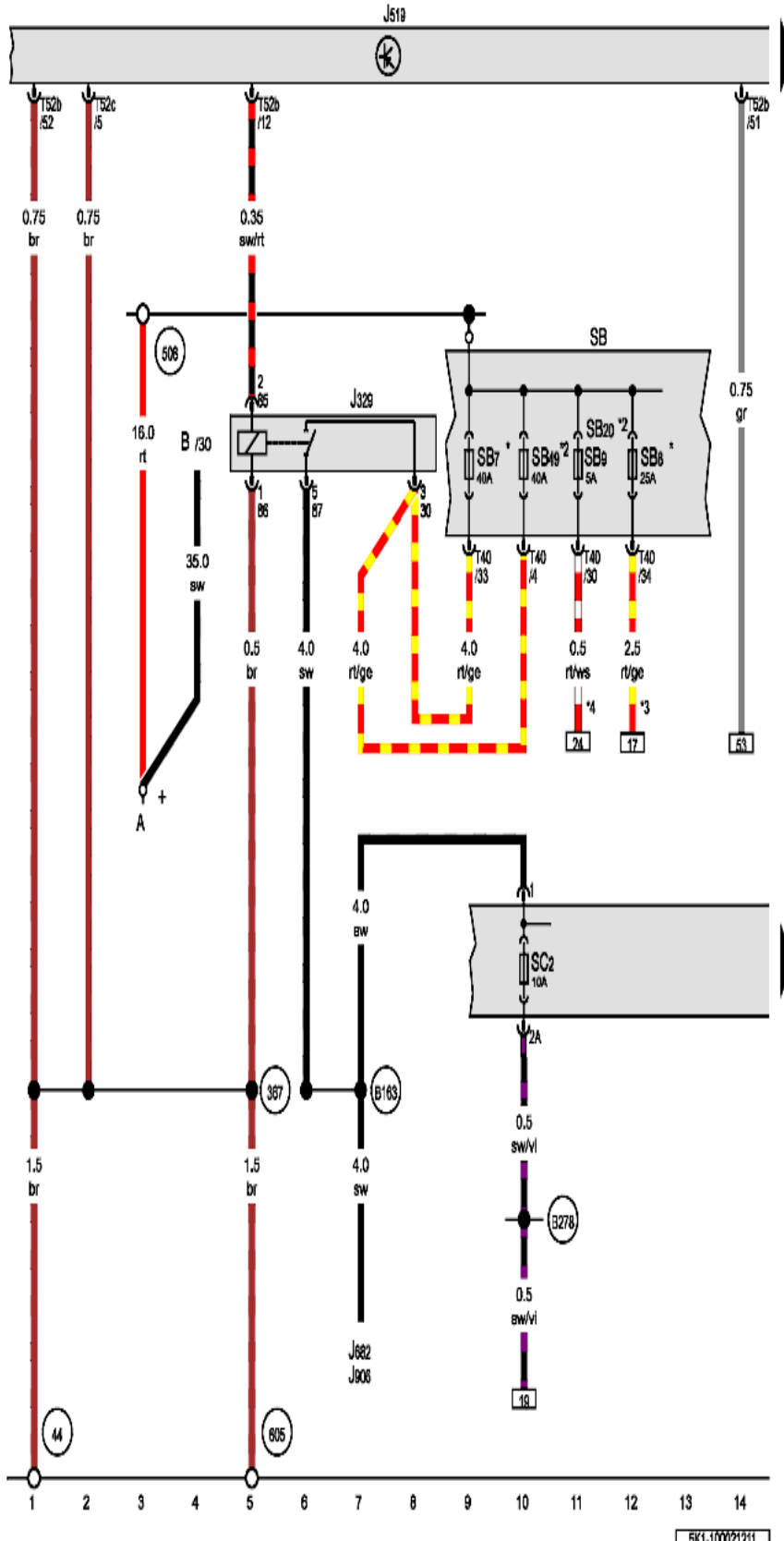
Cell phone systems

from November 2010

Golf

Wiring Diagram

No. 100 / 2



Terminal 15 power supply relay, Fuse panel B, Fuse 2 (on fuse panel C)

- A - Battery
- B - Starter
- J329 - Terminal 15 power supply relay
- J519 - Vehicle electrical system control module
- J682 - Terminal 50 power supply relay
- J906 - Starter relay 1
- SB - Fuse panel B
- SC2 - Fuse 2 (on fuse panel C)
- SB7 - Fuse 7 (on fuse panel B)
- SB8 - Fuse 8 (on fuse panel B)
- SB9 - Fuse 9 (on fuse panel B)
- SB20 - Fuse 20 (on fuse panel B)
- SB49 - Fuse 49 (on fuse panel B)
- T40 - 40-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- 44 - Ground connection on A-pillar, lower left
- 367 - Ground connection 2 (in main wiring harness)
- Terminal 30



- 508 threaded connection (on E-box)
- 605 - Ground connection on upper steering column
- B163 - Positive connection 1 (15) (in interior wiring harness)
- B278 - Positive connection 2 (15a) (in main wiring harness)
- * - E-Box low
- *2 - E-Box high
- *3 - Only for vehicles with Start/Stop system
- *4 - Only for vehicles without Start/Stop system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

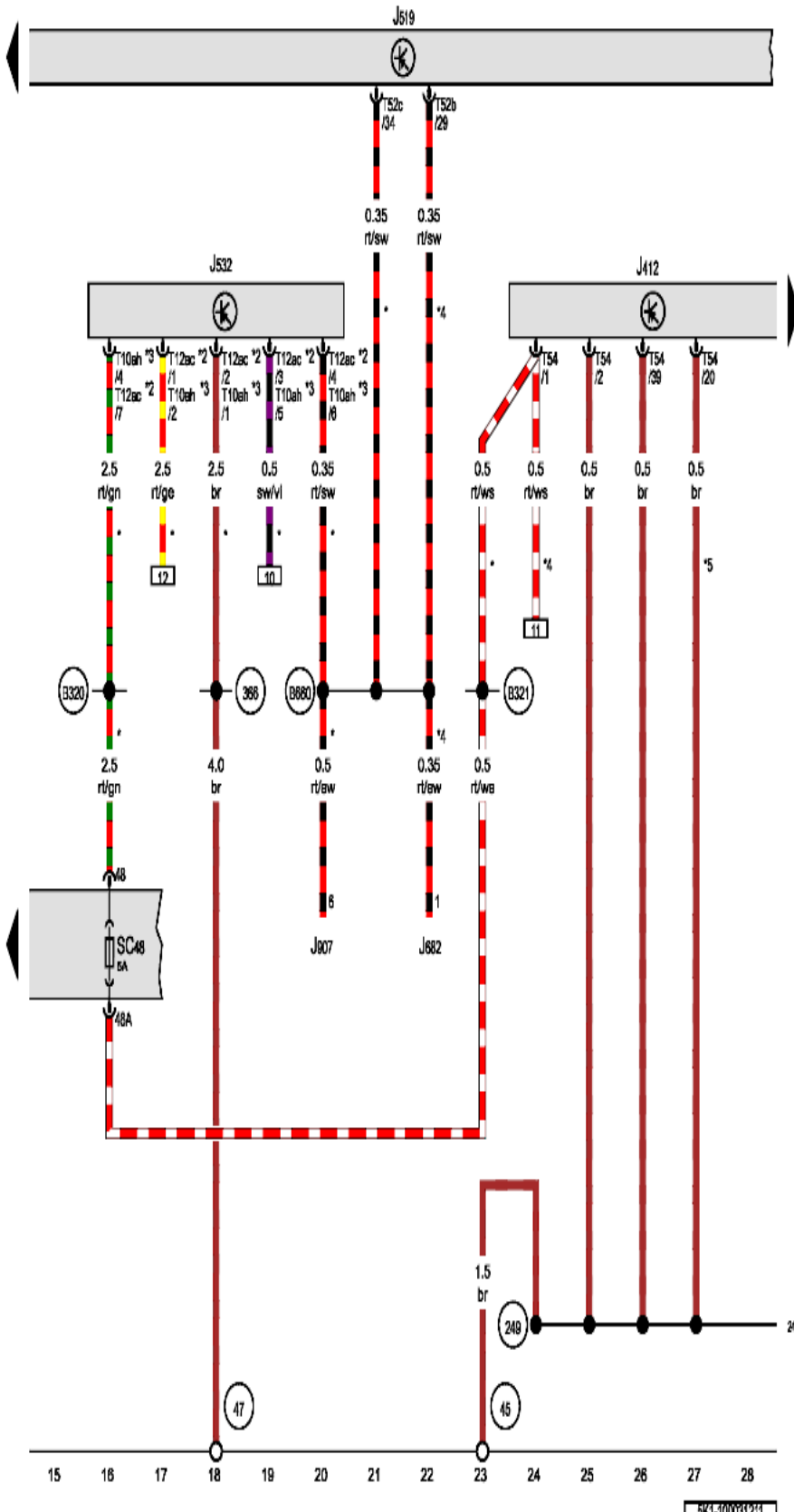
Golf

Wiring Diagram

No. 100 / 3

Cell phone operating electronics control module, Voltage stabilizer, Fuse 48 (on fuse panel C)

- J412 - Cell phone operating electronics control module, in the right front footwell
- J519 - Vehicle electrical system control module
- J532 - Voltage stabilizer
- J682 - Terminal 50 power supply relay
- J907 - Starter relay 2
- SC48 - Fuse 48 (on fuse panel C)
- T10ah - 10-pin connector
- T12ac - 12-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- T54 - 54-pin connector
- 45 - Ground connection behind instrument panel, center
- 47 - Ground connection in right front footwell
- 249 - Ground connection 2 (in interior wiring harness)
- 366 - Ground connection 1 (in main wiring harness)





B320 - Positive connection 6 (30a) (in main wiring harness)



B321 - Positive connection 7 (30a) (in main wiring harness)



B660 - Diagnostic terminal 50 connection (in main wiring harness)

* - Only for vehicles with Start/Stop system

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

*2 - from May 2011

*3 - through April 2011

*4 - Only for vehicles without Start/Stop system

*5 - Depending on equipment

Golf

Wiring Diagram

No. 100 / 4

Cell phone operating electronics control module, Radio/navigation display unit control module, Data bus on board diagnostic interface, Radio

J412 - Cell phone operating electronics control module, in the right front footwell

J503- Radio/navigation display unit control module

J533 - Data bus on board diagnostic interface

R - Radio

T12g - 12-pin connector

T16b - 16-pin connector

T20 - 20-pin connector

T26d - 26-pin connector

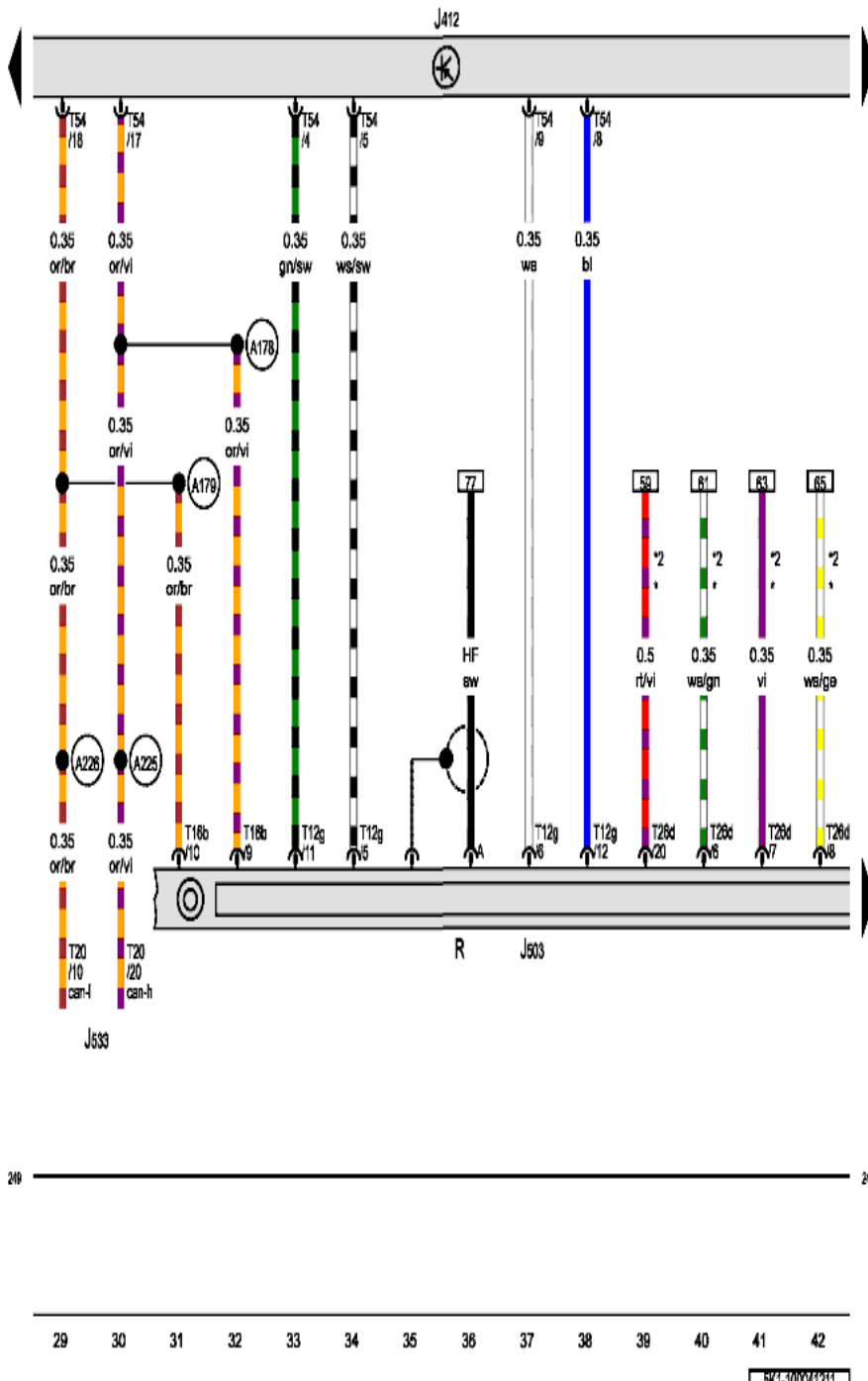
T54 - 54-pin connector

249 - Ground connection 2 (in interior wiring harness)

A178 - Infotainment CAN bus high connection (in instrument panel wiring harness)

A179 - Infotainment CAN bus low connection (in instrument panel wiring harness)

A225 - Infotainment CAN bus high connection 2 (in instrument



		panel wiring harness)
		- Infotainment
ws = white	A226	CAN bus low connection 2
sw = black		(in instrument panel wiring harness)
ro = red		
rt = red		
br = brown		
gn = green		
bl = blue	*	- Only for vehicles with radio navigation system
gr = grey		
li = lilac		
vi = lilac		
ge = yellow		
or = orange		
rs = pink	*2	- Only for vehicles with telephone charging station

Golf

Wiring Diagram

No. 100 / 5

Telematics button module, Cell phone operating electronics control module, Radio/navigation display unit control module, Radio, Telephone microphone

E734 - Telematics button module
 J412 - Cell phone operating electronics control module, in the right front footwell

J503- Radio/navigation display unit control module

L76 - Push button illumination bulb

R - Radio

R38 - Telephone microphone

T2f - Double connector, near the front interior lamp

T6at - 6-pin connector

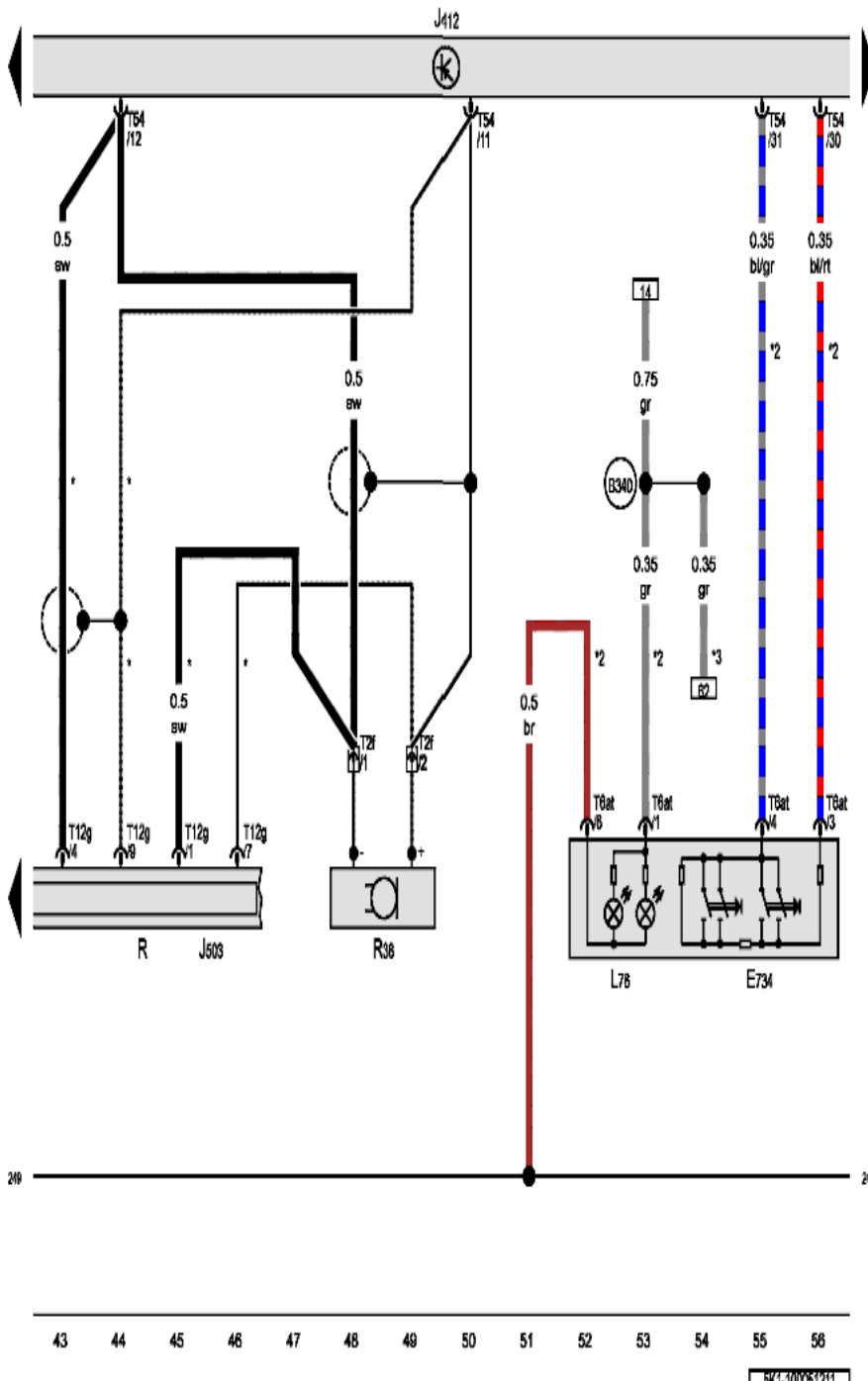
T12g - 12-pin connector

T54 - 54-pin connector

249 - Ground connection 2 (in interior wiring harness)

B340 - Connection 1 (58d) (in main wiring harness)

* - Only with radio navigation system and voice recognition system



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey


li = lilac	*2	- Only for
vi = lilac		vehicles with
ge = yellow		button
or = orange		module
rs = pink	*3	- Only for
		vehicles with
		telephone
		charging
		station

Golf

Wiring Diagram

No. 100 / 6

Cell phone operating electronics control module, Telephone baseplate

J412 - Cell phone operating electronics control module, in the right front footwell 

R126 - Telephone baseplate

T2ce - Double connector, behind the glove compartment

T10f - 10-pin connector, behind the glove compartment

T16t - 16-pin connector

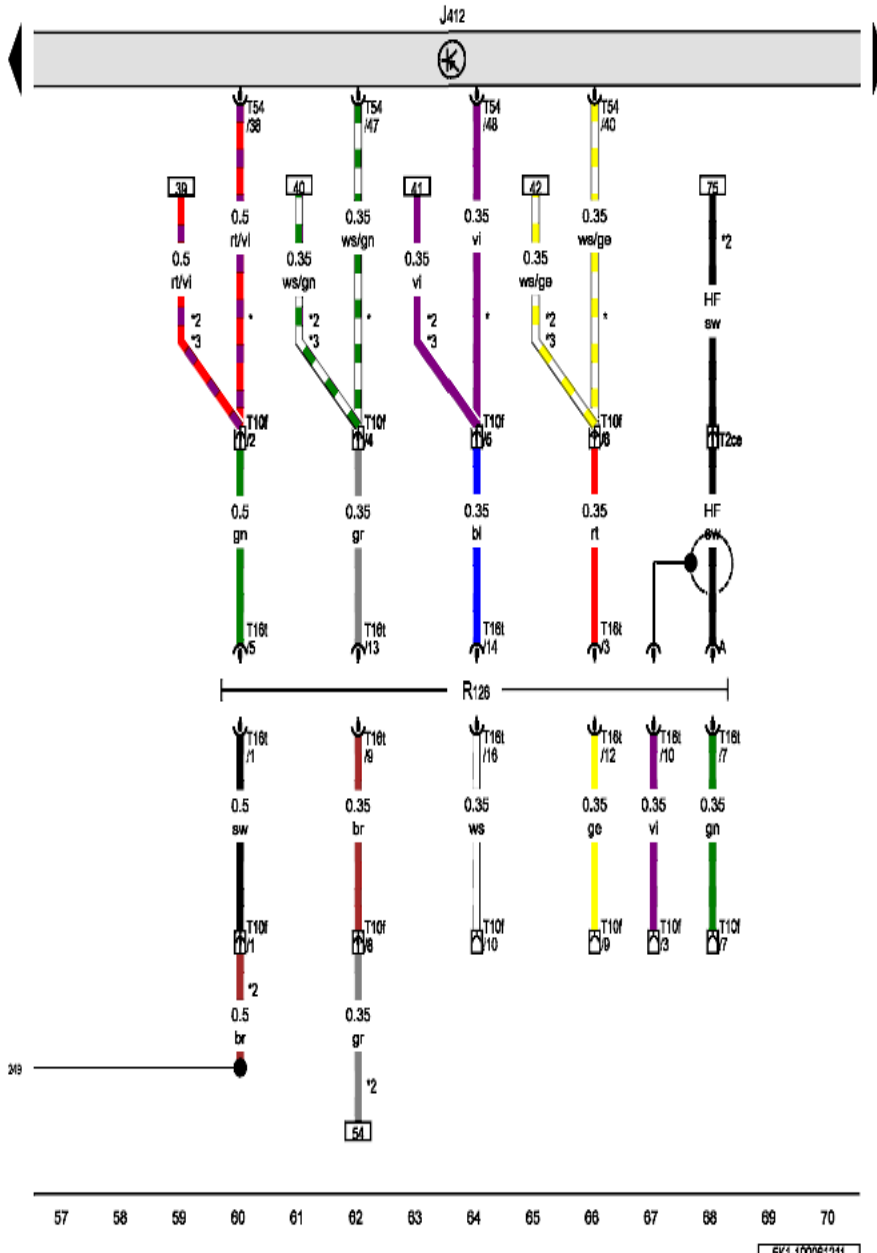
T54 - 54-pin connector

249 - Ground connection 2 (in interior wiring harness)

* - Only for vehicles with telephone charging station and cell phone operating electronics control module

*2 - Only for vehicles with telephone charging station

*3 - Only for vehicles with radio navigation system



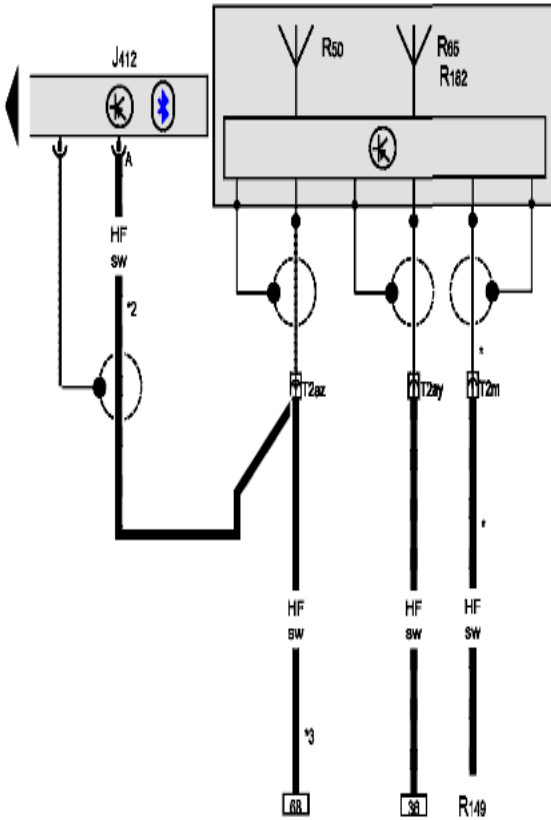
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 100 / 7

Cell phone operating electronics control module, GPS antenna, Telephone antenna, Auxiliary engine coolant heater radio frequency receiver, Auxiliary heater antenna



J412 - Cell phone operating electronics control module, in the right front footwell

R50 - GPS antenna

R65 - Telephone antenna

R149 - Auxiliary engine coolant heater radio frequency receiver

R182 - Auxiliary heater antenna

T2ay - Double connector, near the roof antenna

T2az - Double connector, near the roof antenna

T2m - Double connector, near the roof antenna

* - Only for vehicles with auxiliary water heater

*2 - Only for vehicles with telephone charging station and cell phone operating electronics control module



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

*3 - Only for vehicles with telephone charging station

Golf

Wiring Diagram

No. 79 / 1

11.2011

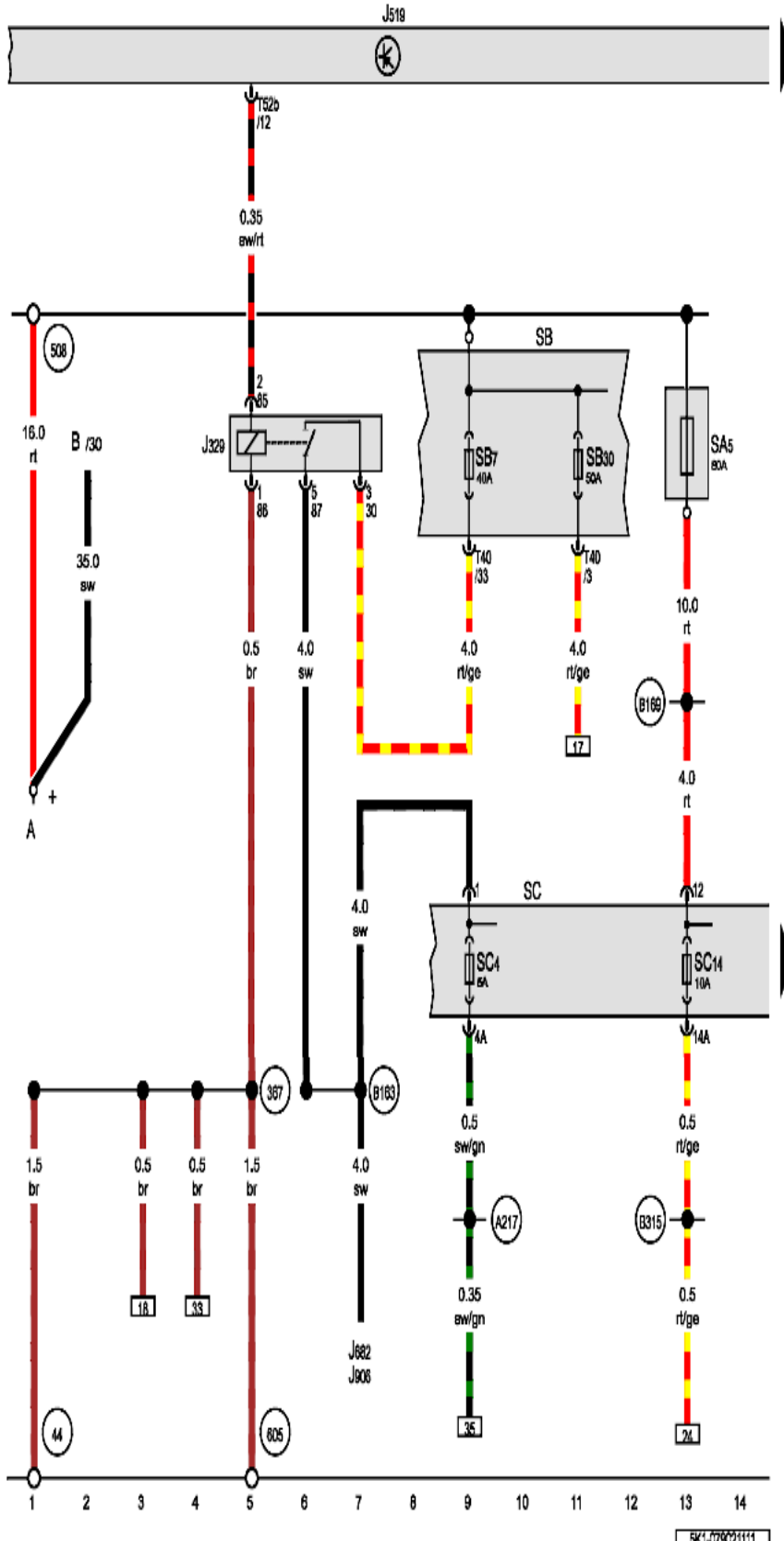
Climatic

From November 2009

Golf

Wiring Diagram


No. 79 / 2



Terminal 15 power supply relay, Fuse panel B, Fuse panel C

- A - Battery
- B - Starter
- J329 - Terminal 15 power supply relay
- J519 - Vehicle electrical system control module
- J682 - Terminal 50 power supply relay
- J906 - Starter relay 1
- SA5 - Fuse 5 (on fuse panel A)
- SB - Fuse panel B
- SC4 - Fuse 4 (on fuse panel C)
- SB7 - Fuse 7 (on fuse panel B)
- SB30 - Fuse 30 (on fuse panel B)
- SC - Fuse panel C
- SC14 - Fuse 14 (on fuse panel C)
- T40 - 40-pin connector
- T52b - 52-pin connector
- 44 - Ground connection on A-pillar, lower left
- 367 - Ground connection 2 (in main wiring harness)
- 508 - Terminal 30 threaded connection



- (on E-box)
- 605 - Ground connection on upper steering column 
- A217 - Positive connection 8 (15a) (in instrument panel wiring harness)
- B163 - Positive connection 1 (15) (in interior wiring harness)
- B169 - Positive connection 1 (30) (in interior wiring harness)
- B315 - Positive connection 1 (30a) (in main wiring harness)

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

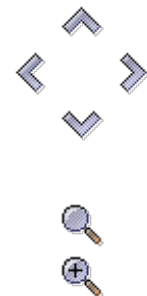
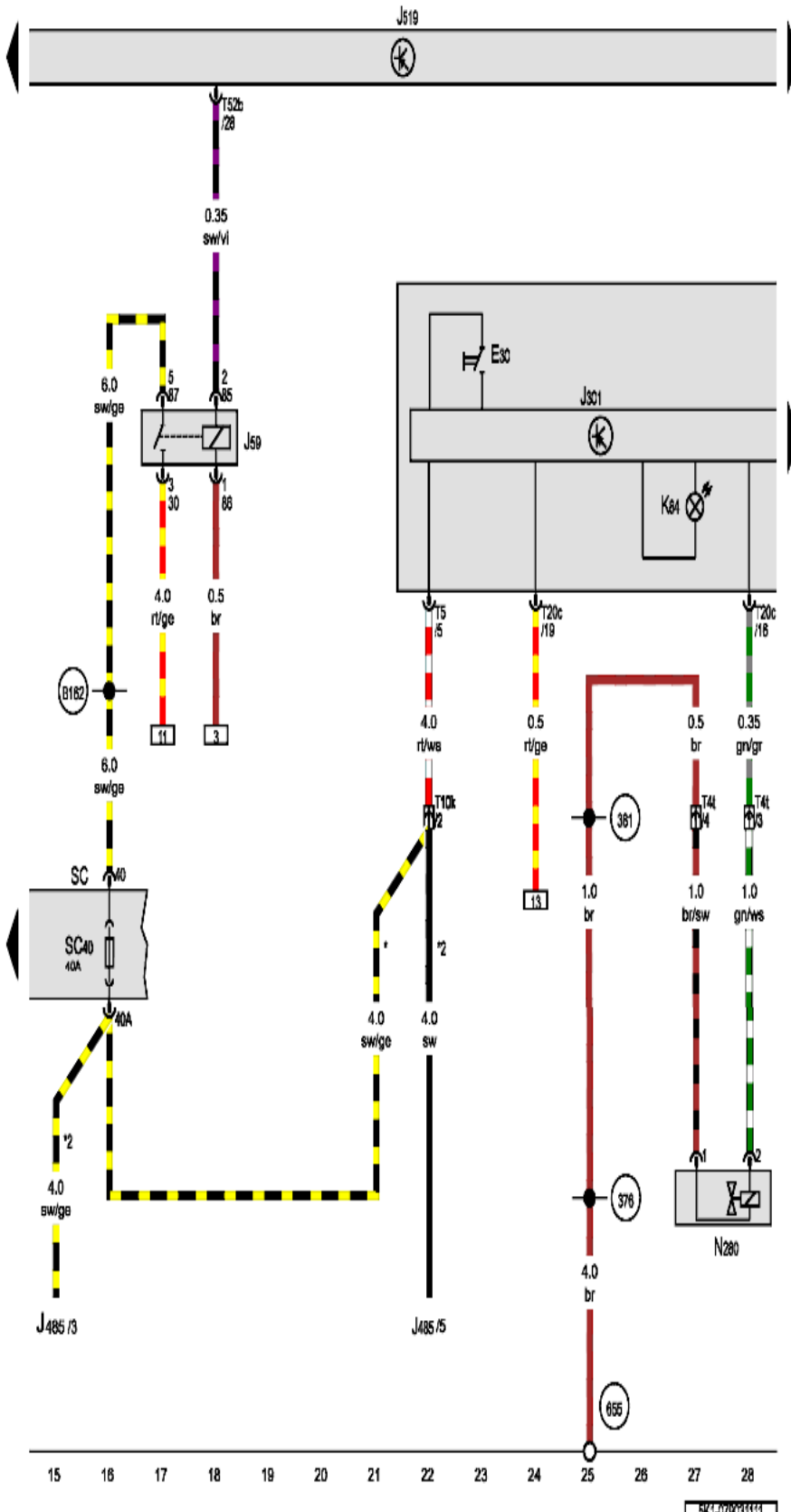
Golf

Wiring Diagram


No. 79 / 3

Load reduction relay, A/C control module, A/C compressor regulator valve, Fuse panel C

- E30 - A/C switch
- J59 - Load reduction relay
- J301 - A/C control module, in the instrument panel, center
- J485 - Auxiliary heater operation relay
- J519 - Vehicle electrical system control module
- K84 - A/C system indicator lamp
- N280 - A/C compressor regulator valve
- SC - Fuse panel C
- SC40 - Fuse 40 (on fuse panel C)
- T4t - 4-pin connector, near the starter
- T5 - 5-pin connector
- T10k - 10-pin connector, behind the instrument panel, right
- T20c - 20-pin connector
- T52b - 52-pin connector
- 376 - Ground connection 11 (in main)





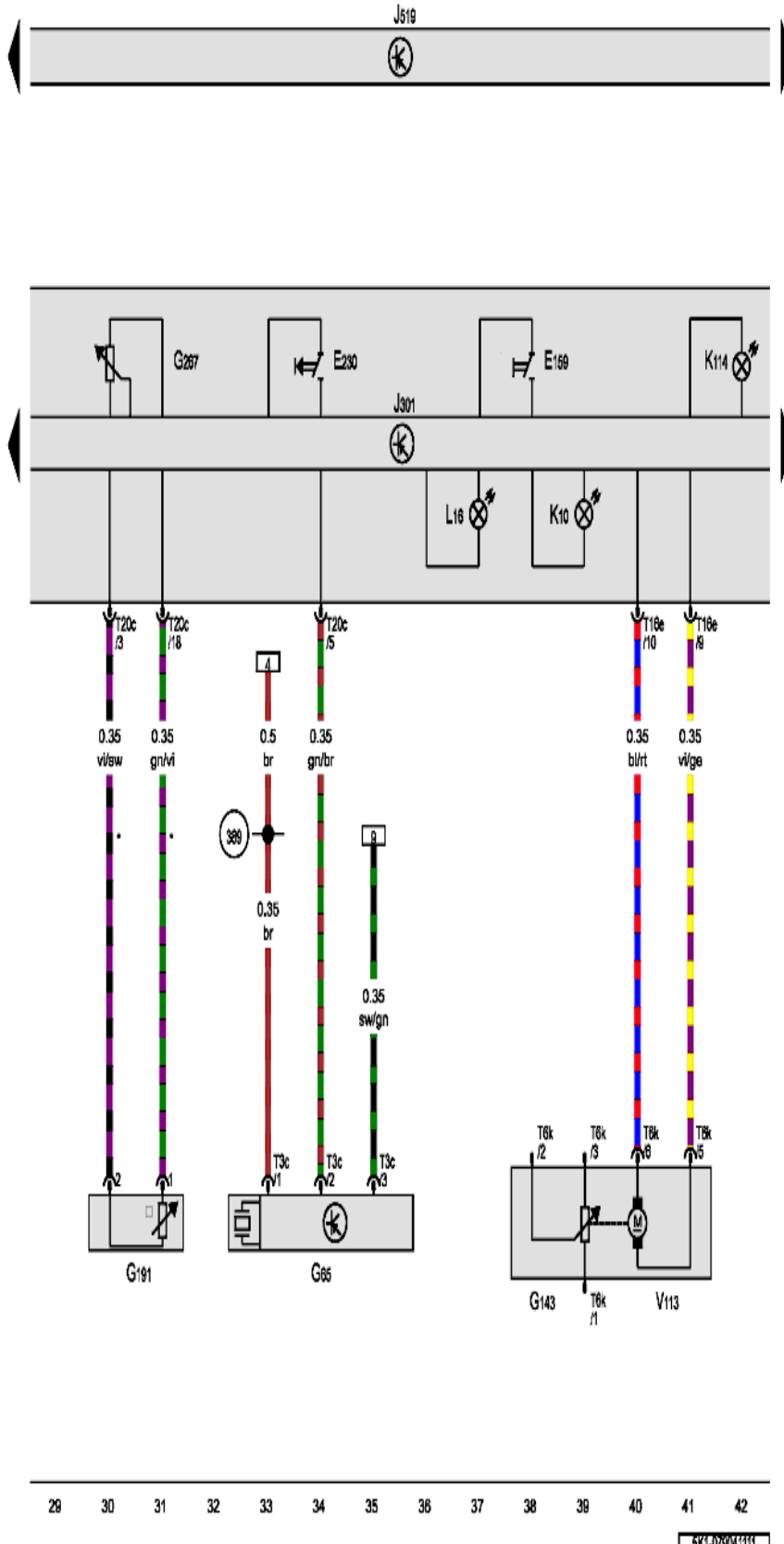
- 381 - wiring harness)
- Ground connection 16 (in main wiring harness)
- 655 - Ground connection on left
- headlamp 
- B162 - Connection (75a) (in interior wiring harness)
- * - Only for vehicles without auxiliary water heater
- *2 - Only for vehicles with auxiliary water heater

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 79 / 4




**High pressure sensor,
Center vent
temperature sensor,
A/C control module,
Recirculation door
motor**

- E159 - Fresh air/recirculation door switch
- E230 - Rear window defogger button
- G65 - High pressure sensor
- G143 - Recirculation door motor position sensor
- G191 - Center vent temperature sensor
- G267 - Temperature selector knob potentiometer
- J301 - A/C control module, in the instrument panel, center
- J519 - Vehicle electrical system control module
- K10 - Rear window defogger indicator lamp
- K114 - Fresh air and recirculation mode indicator lamp
- L16 - Fresh air control illumination bulb
- T3c - 3-pin connector
- T6k - 6-pin connector
- T16e - 16-pin connector
- T20c - 20-pin connector
- V113 - Recirculation door motor



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac

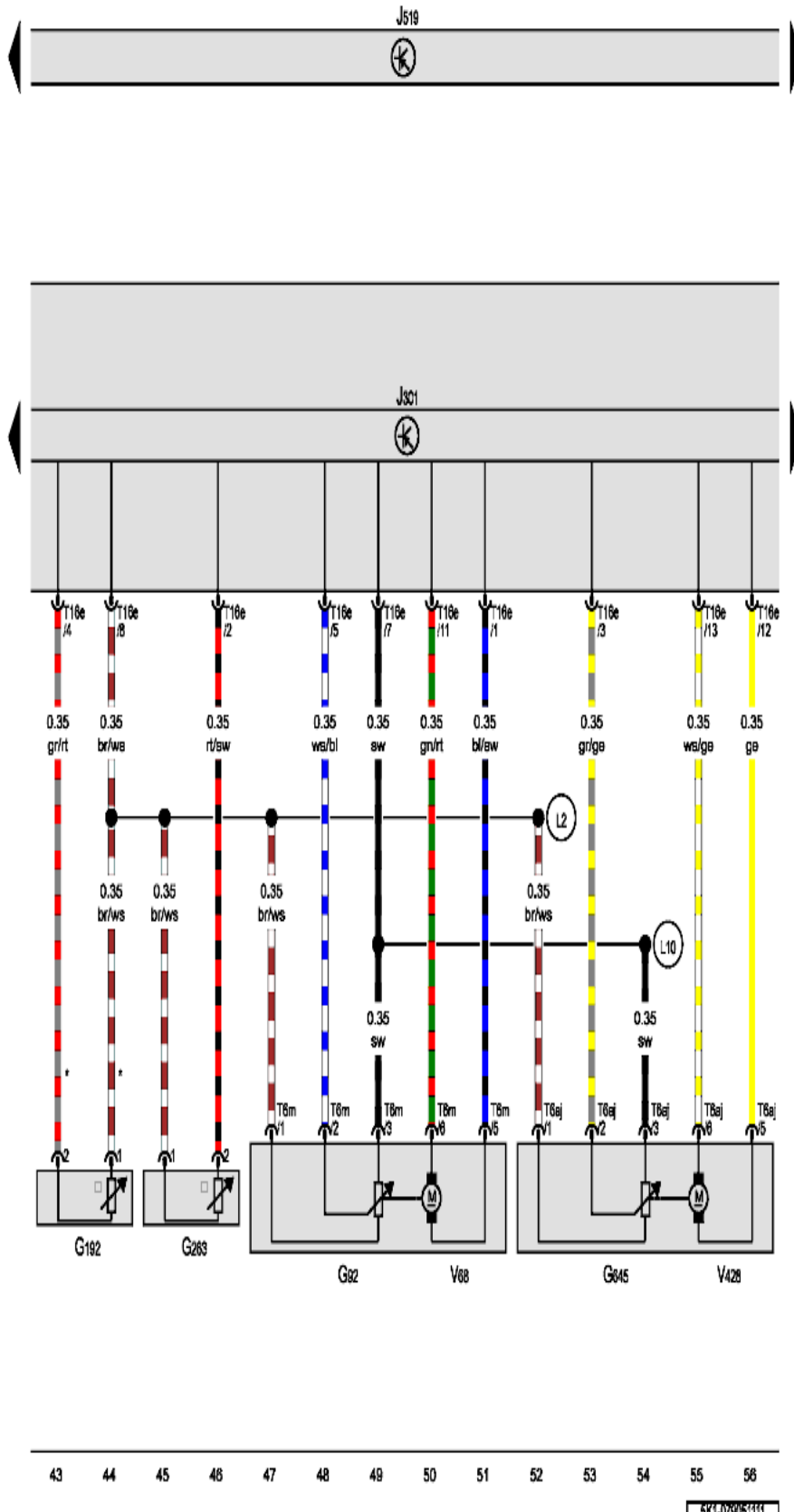
ge = yellow
or = orange
rs = pink

 389 - Ground connection 24 (in main wiring harness)
* - Through October 2010

Golf

Wiring Diagram

No. 79 / 5



Footwell vent temperature sensor, Evaporator vent temperature sensor, A/C control module, Temperature regulator door motor, Air distribution door motor

G92 - Temperature regulator door motor position sensor 📷

G192- Footwell vent temperature sensor 📷 🖱️

G263- Evaporator vent temperature sensor 📷 🖱️

G645- Air distribution door motor position sensor 📷 🖱️

J301 - A/C control module, in the instrument panel, center 📷 🖱️

J519 - Vehicle electrical system control module 📷

T6aj - 6-pin connector

T6m - 6-pin connector

T16e - 16-pin connector

V68 - Temperature regulator door motor 📷 🖱️

V428 - Air distribution door motor 📷 🖱️

L2 - Connection (in A/C system wiring harness)

L10 - Connection 2 (in A/C



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange

rs = pink

*

system
wiring
harness)
- Through
October
2010

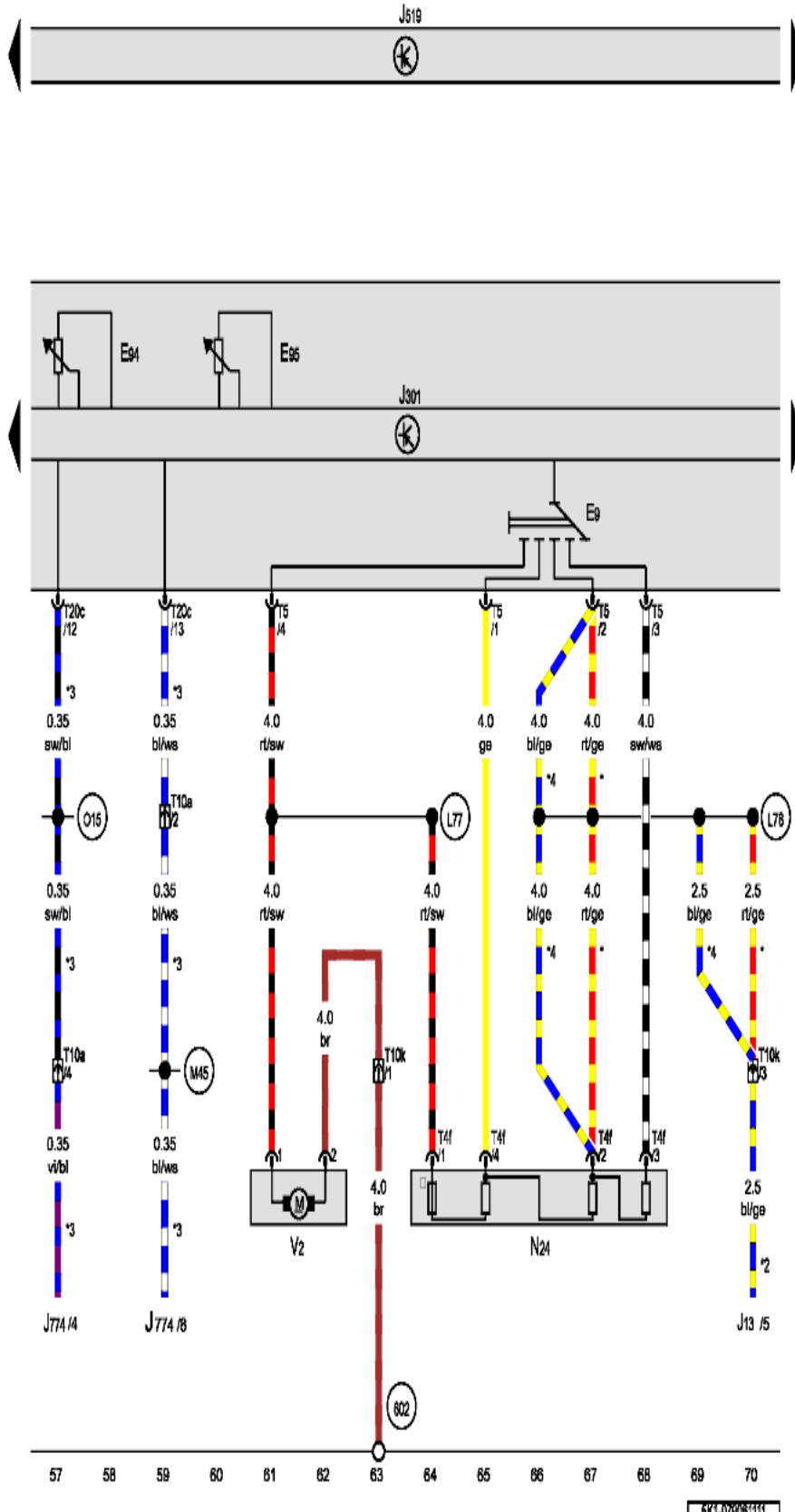
Golf







Wiring Diagram

No. 79 / 6

Fresh air blower switch, A/C control module, Fresh air blower series resistor with fuse, Fresh air blower

- E9 - Fresh air blower switch
- E94 - Heated driver seat adjuster
- E95 - Heated front passenger seat adjuster
- J13 - Fresh air blower relay
- J301 - A/C control module, in the instrument panel, center
- J519 - Vehicle electrical system control module
- J774 - Front seat heating control module
- N24 - Fresh air blower series resistor with fuse
- T4f - 4-pin connector
- T5 - 5-pin connector
- T9 - 9-pin connector
- T10a - 10-pin connector, under the driver seat
- T10k - 10-pin connector, behind the instrument panel, right
- T20c - 20-pin connector



- V2 - Fresh air
- blower  
- 602 - Ground connection in left front footwell 
- L77 - Connection (in fresh air blower wiring harness) 
- L78 - Connection 1 (in fresh air blower wiring harness) 
- M45 - Connection 5 (in driver seat wiring harness) 
- O15 - Connection 4 (in heated seats wiring harness)
- * - Through October 2010
- *2 - Only for vehicles with auxiliary water heater
- *3 - Only for vehicles with an auxiliary heater
- *4 - From November 2010



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink


Golf


Wiring Diagram

No. 79 / 7

A/C control module, Data bus on board diagnostic interface

J301 - A/C control module, in the instrument panel, center  

J519 - Vehicle electrical system control module 


J533 - Data bus on board diagnostic interface, in the left footwell, near the center console 

T20 - 20-pin connector

T20c - 20-pin connector

T52a - 52-pin connector

T52c - 52-pin connector

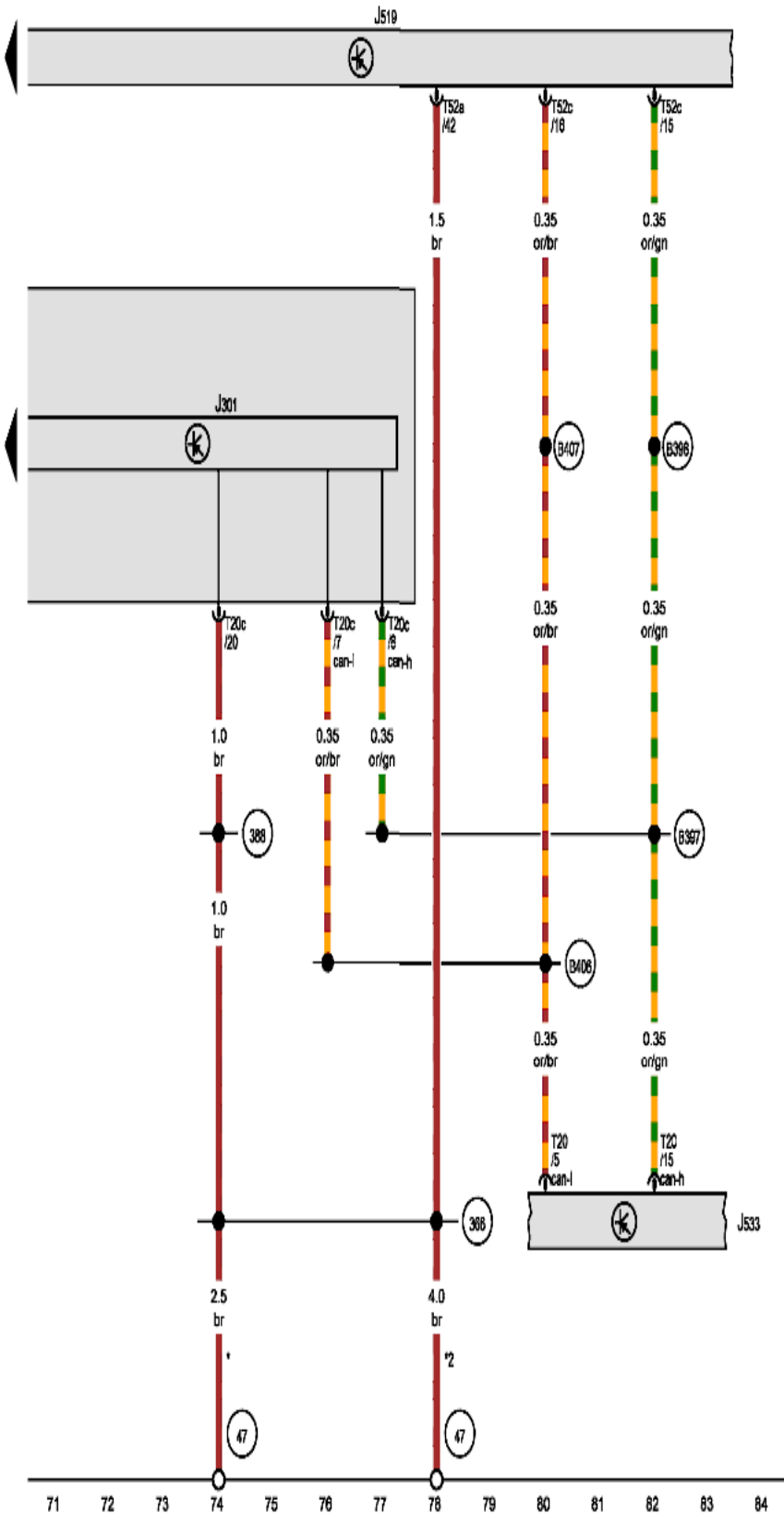
47 - Ground connection in right front footwell 

366 - Ground connection 1 (in main wiring harness)

388 - Ground connection 23 (in main wiring harness)

B397 - Comfort system CAN bus high connection 1 (in main wiring harness)

B398 - Comfort system CAN bus high connection 2 (in main wiring)



- ws = white
 - sw = black
 - ro = red
 - rt = red
 - br = brown
 - gn = green
 - bl = blue
 - gr = grey
 - li = lilac
 - vi = lilac
 - ge = yellow
 - or = orange
 - rs = pink
- B406 - harness)
- Comfort system CAN bus low connection 1 (in main wiring harness)
- B407 - Comfort system CAN bus low connection 2 (in main wiring harness)
- * - Only for vehicles without Start/Stop system
- *2 - Only for vehicles with Start/Stop system

Golf

Wiring Diagram

No. 80 / 1

07.2012

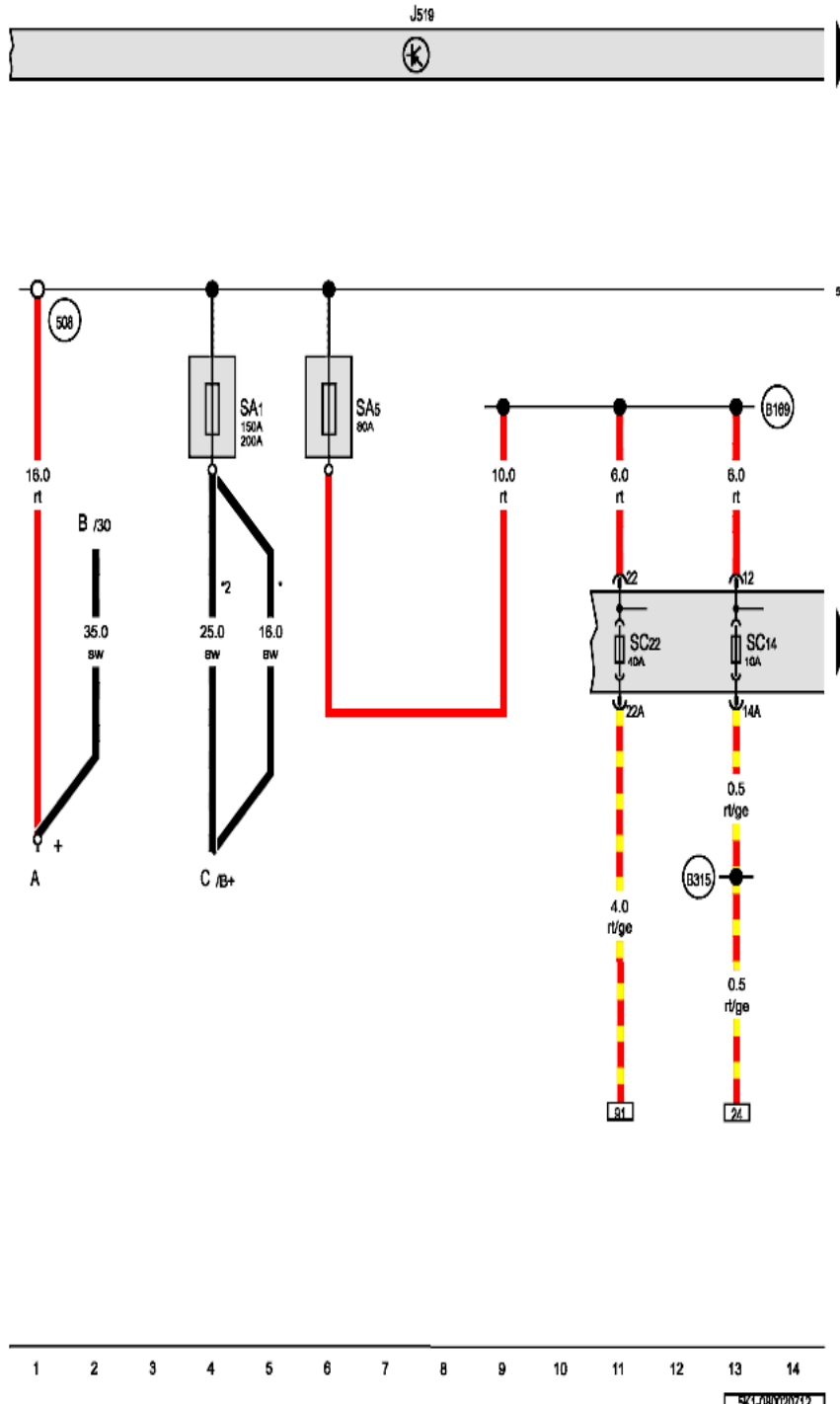
Climatronic

from November 2009

Golf

Wiring Diagram

No. 80 / 2



Fuse 1 (on fuse panel A), Fuse 5 (on fuse panel A), Fuse 14 (on fuse panel C), Fuse 22 (on fuse panel C)

A - Battery

B - Starter

C - Generator

J519 - Vehicle electrical system control module

SA1 - Fuse 1 (on fuse panel A)

SA5 - Fuse 5 (on fuse panel A)

SC14 - Fuse 14 (on fuse panel C)

SC22 - Fuse 22 (on fuse panel C)

508 - Terminal 30 threaded connection (on E-box)

B169 - Positive connection 1 (30) (in interior wiring harness)

B315 - Positive connection 1 (30a) (in main wiring harness)

* - Only for vehicles with 90 A/120 A generator

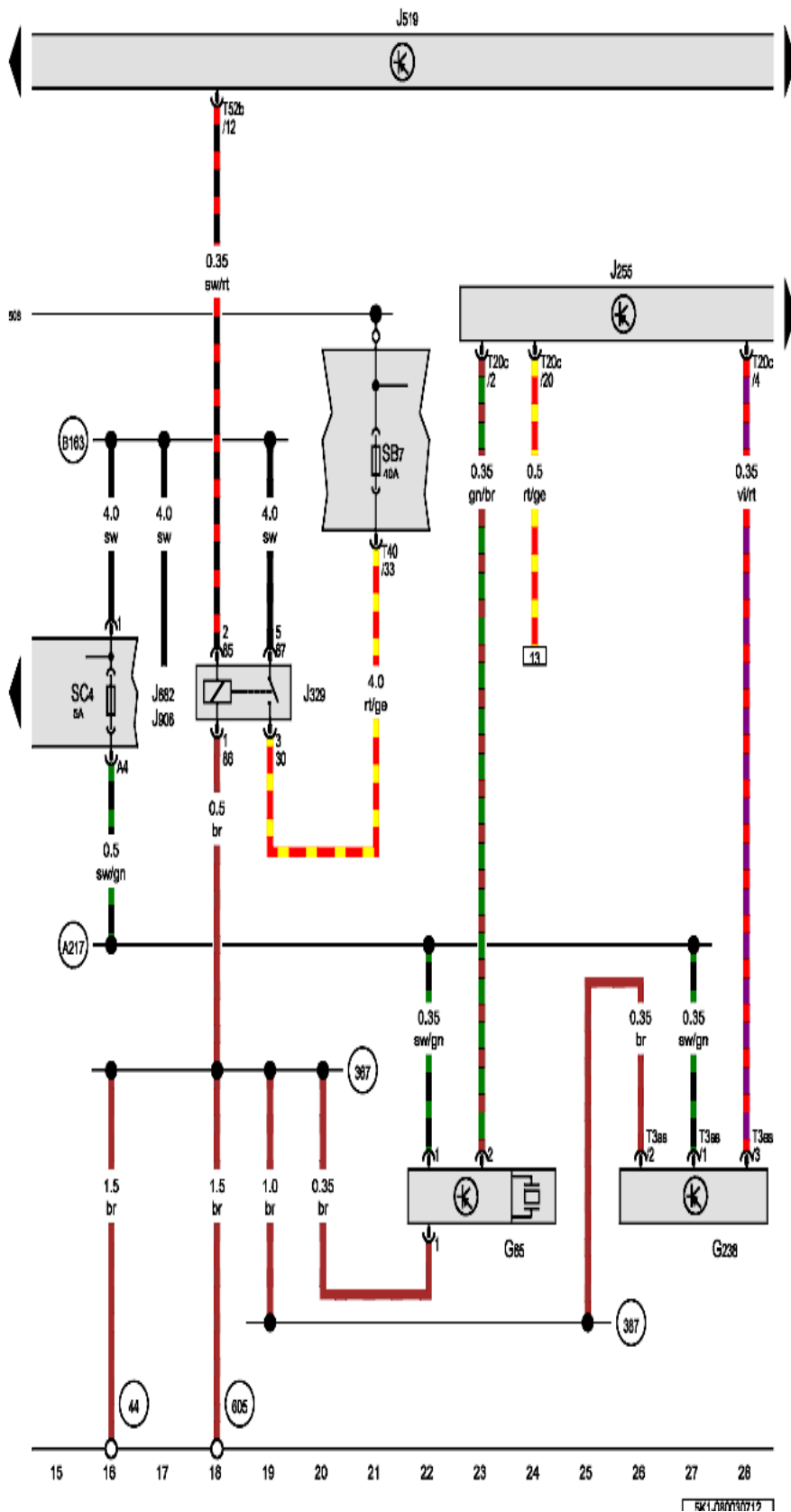
*2 - Only for vehicles with a generator (140 A)

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink
















Golf

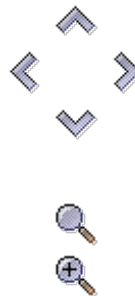
Wiring Diagram

No. 80 / 3




High pressure sensor, Air quality sensor, Climatronic control module, Terminal 15 power supply relay, Fuse 4 (on fuse panel C), Fuse 7 (on fuse panel B)

- G65 - High pressure sensor  
- G238 - Air quality sensor  
- J255- Climatronic control module, behind the center console  
- J329 - Terminal 15 power supply relay 
- J519 - Vehicle electrical system control module 
- J682 - Terminal 50 power supply relay 
- J906 - Starter relay 1 
- SC4 - Fuse 4 (on fuse panel C) 
- SB7 - Fuse 7 (on fuse panel B) 
- T3as - 3-pin connector
- T20c - 20-pin connector
- T40 - 40-pin connector
- T52b - 52-pin connector
- 44 - Ground connection on A-pillar, lower left 
- 367 - Ground connection 2 (in main wiring harness) 
- Ground 





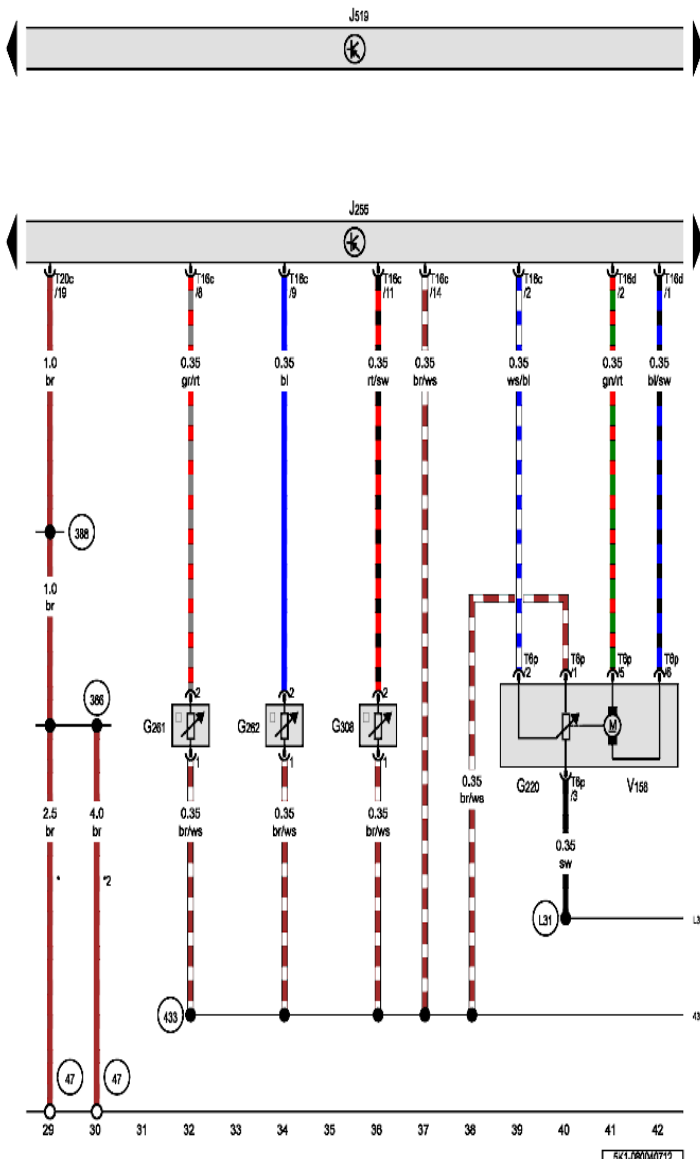
- 387 connection 22 (in main wiring harness)
- 508 - Terminal 30 threaded connection (on E-box)
- 605 - Ground connection on upper steering column 
- A217 - Positive connection 8 (15a) (in instrument panel wiring harness)
- B163 - Positive connection 1 (15) (in interior wiring harness)

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink















Golf

Wiring Diagram

No. 80 / 4



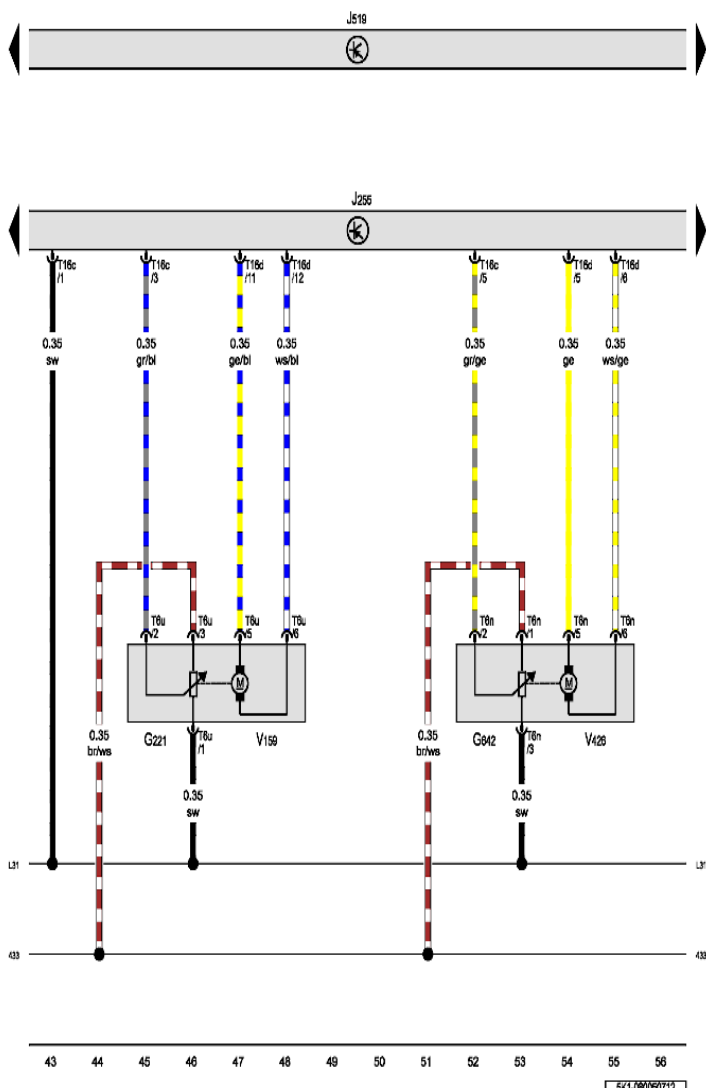
Climatronic control module, Left temperature door










- G220- Left temperature door potentiometer/actuator  
- G261 - Left footwell vent temperature sensor  
- G262 - Right footwell vent temperature sensor  
- G308 - Evaporator temperature sensor  
- J255 - Climatronic control module, behind the center console  
- J519 - Vehicle electrical system control module 
- T6p - 6-pin connector
- T16c - 16-pin connector
- T16d - 16-pin connector
- T20c - 20-pin connector
- V158 - Left temperature door motor  
- 47 - Ground connection in right front footwell 
- 366 - Ground connection 1 (in main wiring harness)
- 388 - Ground connection 23 (in main wiring harness)
- 433 - Sensor ground connection 2 (in Climatronic wiring harness)
- L31 - Connection (5 Volt) (in A/C system wiring harness)
- * - Only for vehicles without Start/Stop system
- *2 - Only for vehicles with Start/Stop system

Golf

Wiring Diagram

No. 80 / 5



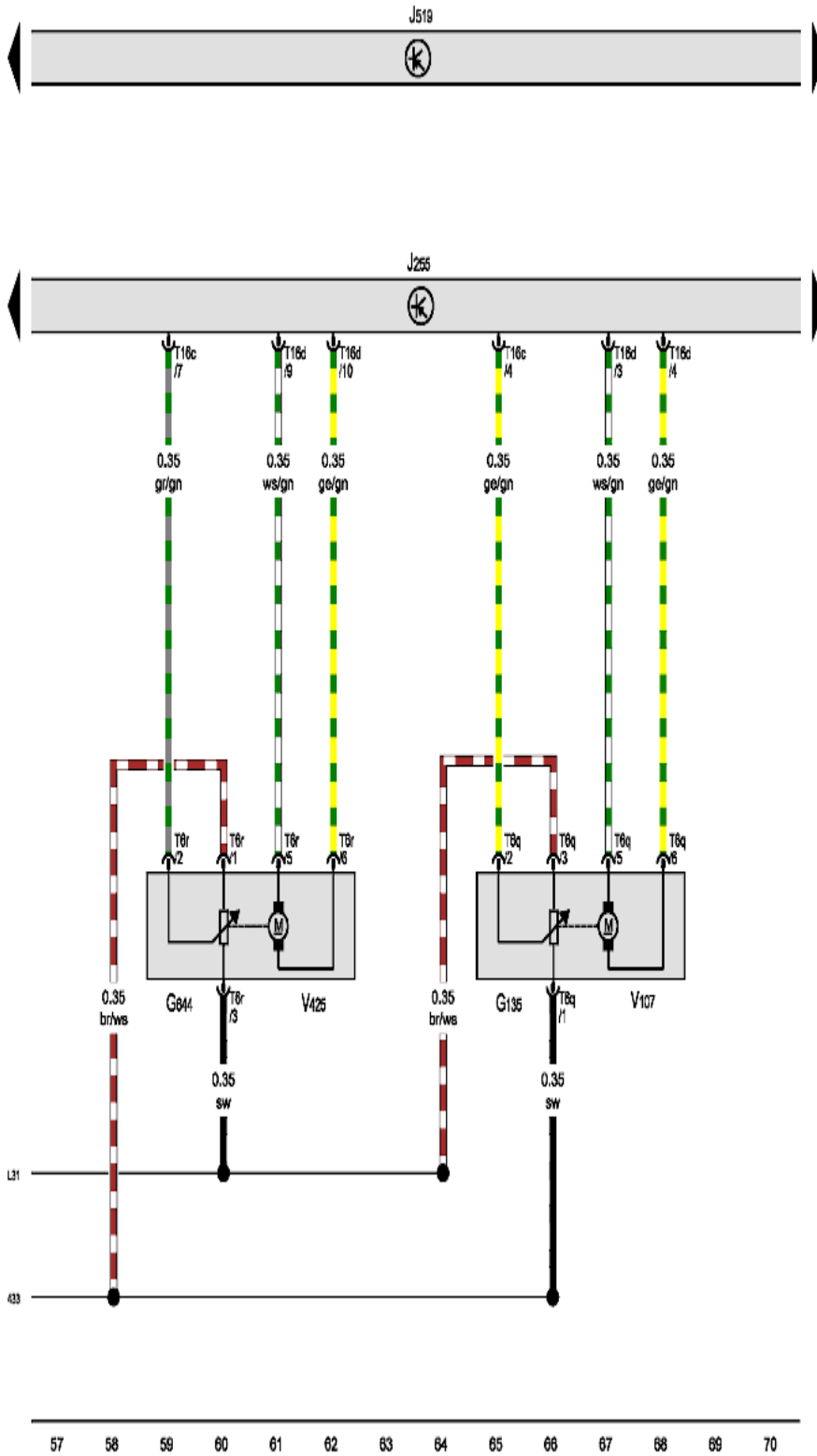
- Climatronic control module, Right temperature door motor, Front air distribution door motor**
- G221- Right temperature door potentiometer/actuator  
- G642 - Front air distribution door motor position sensor 
- J255 - Climatronic control module, behind the center console  
- J519 - Vehicle electrical system control module 
- T6n - 6-pin connector
- T6u - 6-pin connector
- T16c - 16-pin connector
- T16d - 16-pin connector
- V159 - Right temperature door motor  
- V426 - Front air distribution door motor 
- 433 - Sensor ground connection 2 (in Climatronic wiring harness)
- L31 - Connection (5 Volt) (in A/C system wiring harness)

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink



Golf



Wiring Diagram



No. 80 / 6




Climatronic control module, Defroster door motor, Fresh air/recirculating air/back pressure door motor

G135 - Defroster door motor position sensor  

G644 - Fresh air/recirculating air/back pressure door motor position sensor  

J255- Climatronic control module, behind the center console  


J519 - Vehicle electrical system control module 



T6q - 6-pin connector

T6r - 6-pin connector

T16c - 16-pin connector

T16d - 16-pin connector

V107 - Defroster door motor 

V425 - Fresh air/recirculating air/back pressure door motor  

433 - Sensor ground connection 2 (in Climatronic wiring harness)

L31 - Connection (5 Volt) (in A/C system wiring harness)



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

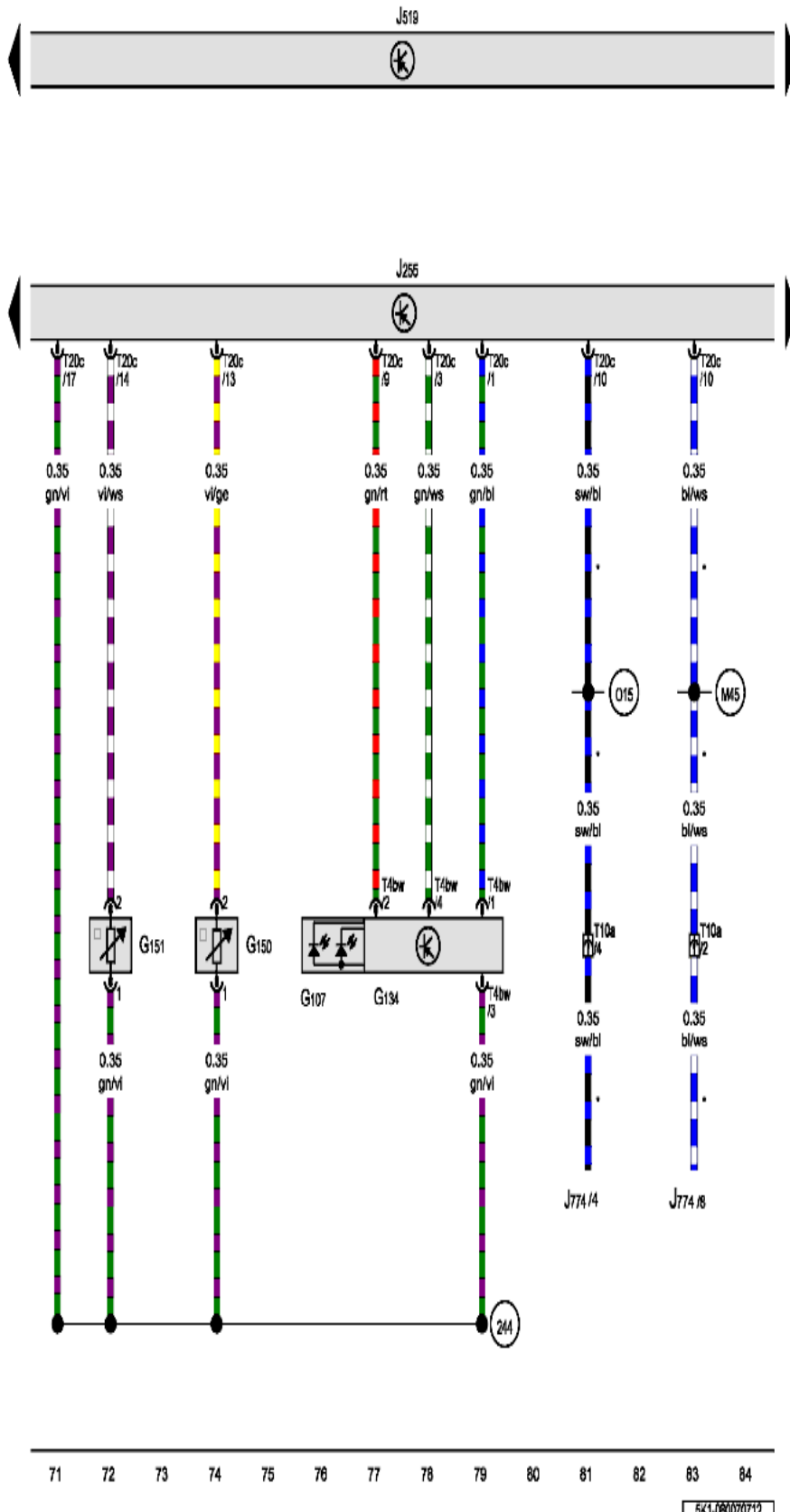
57 58 59 60 61 62 63 64 65 66 67 68 69 70

521.00700719



Golf

Wiring Diagram



No. 80 / 7







Sunlight photo sensor, Sunlight photo sensor 2, Left vent temperature sensor, Right vent temperature sensor, Climatronic control module


G107 - Sunlight photo sensor  



G134 - Sunlight photo sensor 2  

G150 - Left vent temperature sensor  


G151 - Right vent temperature sensor  

J255- Climatronic control module, behind the center console  

J519 - Vehicle electrical system control module 

J774 - Front seat heating control module  

T4bw - 4-pin connector

T10a - 10-pin connector, under the driver seat 

T20c - 20-pin connector

244 - Sensor ground connection (in Climatronic wiring harness)

M45 - Connection 5 (in driver seat wiring harness)

O15 - Connection 4 (in heated seats wiring)

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink




















- * harness)
- Only for vehicles with an auxiliary heater

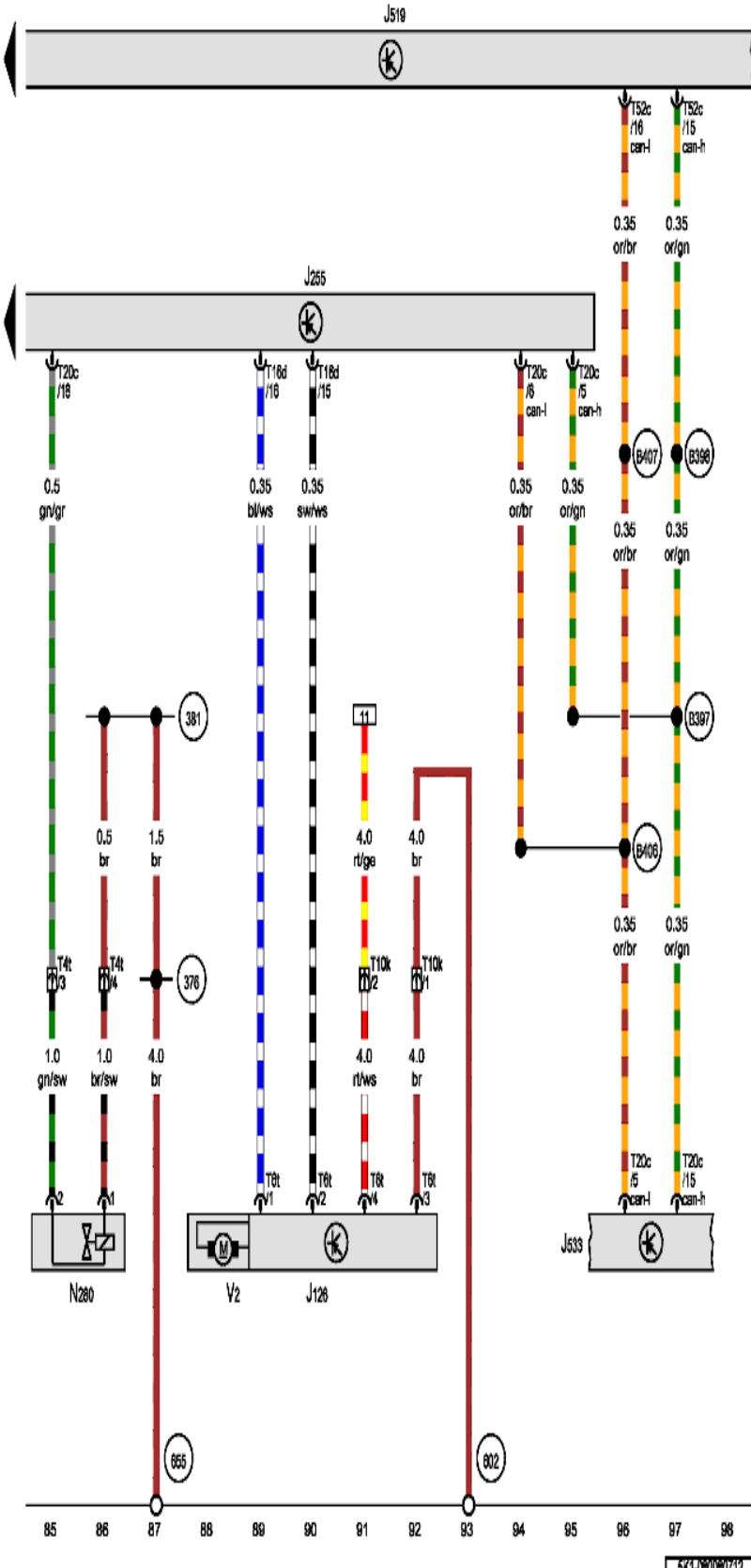
Golf

Wiring Diagram

No. 80 / 8

Fresh air blower control module, Climatronic control module, Data bus on board diagnostic interface, Fresh air blower

- J126- Fresh air blower control module 
-   J255 - Climatronic control module, behind the center console  
- J519 - Vehicle electrical system control module 
- J533 - Data bus on board diagnostic interface, in the left footwell, near the center console 
- N280 - A/C compressor regulator valve  
- T4t - 4-pin connector 
- T6t - 6-pin connector 
- T10k - 10-pin connector 
- T16d - 16-pin connector 
- T20c - 20-pin connector 
- T52c - 52-pin connector 
- V2 - Fresh air blower  
- 376 - Ground connection 11 (in main wiring harness)
- 381 - Ground connection 16 (in main wiring harness)
- 602 - Ground connection in left front footwell 
- 655 - Ground connection on left headlamp 
- B397 - Comfort system CAN bus high connection 1 (in main wiring harness)



ws = white

sw = black	B398	- Comfort system
ro = red		CAN bus high
rt = red		connection 2 (in
br = brown		main wiring
gn = green		harness)
bl = blue		
gr = grey	B406	- Comfort system
li = lilac		CAN bus low
vi = lilac		connection 1 (in
ge = yellow		main wiring
or = orange		harness)
rs = pink		
	B407	- Comfort system
		CAN bus low
		connection 2 (in
		main wiring
		harness)

Golf

Wiring Diagram

No. 109 / 1

08.2011

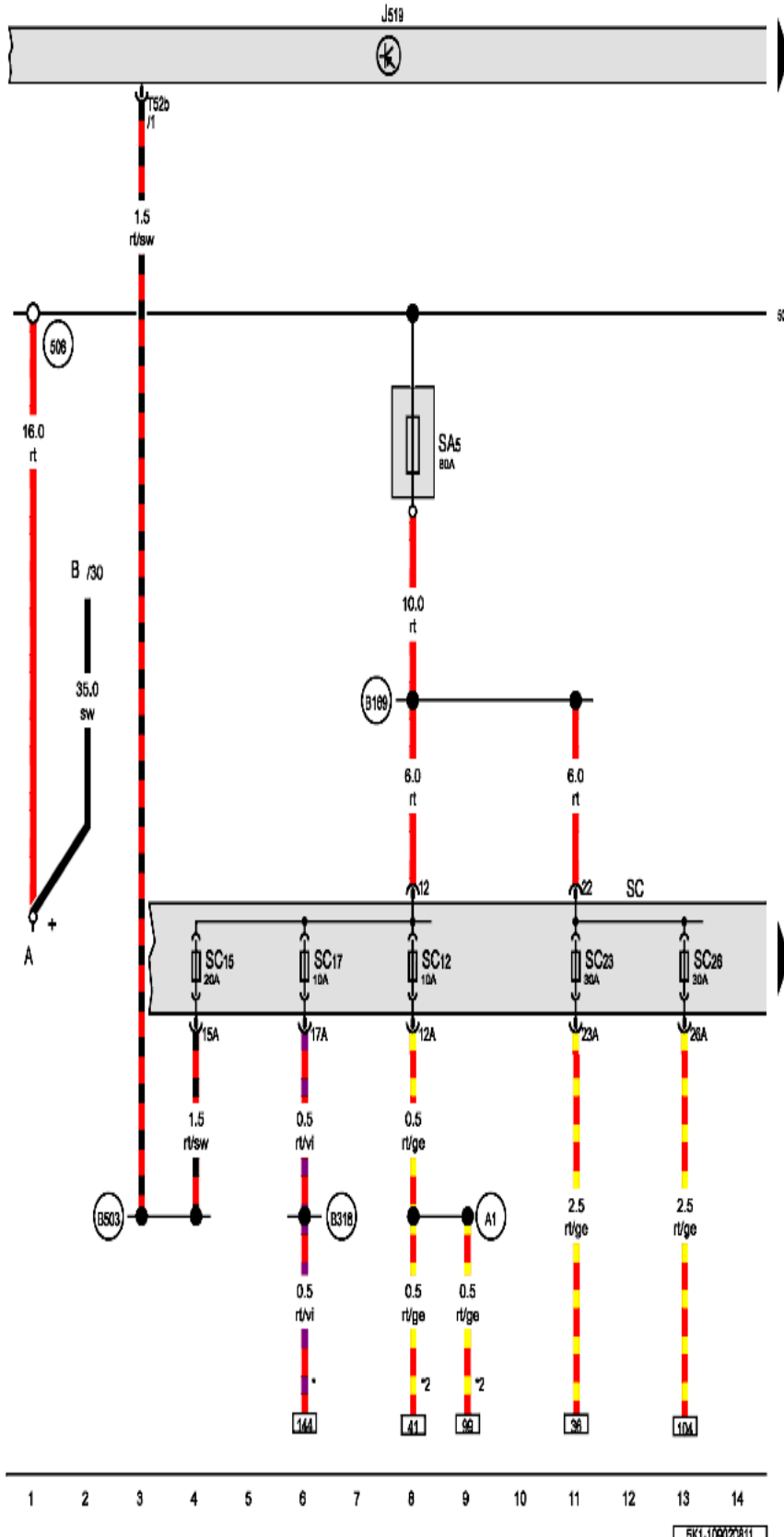
Comfort system (Canada, Mexico, USA) , (0A1),(8G1)

From November 2010









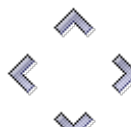
Golf

Wiring Diagram

No. 109 / 2



Fuse 5 (on fuse panel A), Fuse panel C

- A - Battery
- B - Starter
- J519 - Vehicle electrical system control module 
- SA5 - Fuse 5 (on fuse panel A) 
- SC - Fuse panel C 
- SC12 - Fuse 12 (on fuse panel C) 
- SC15 - Fuse 15 (on fuse panel C) 
- SC17 - Fuse 17 (on fuse panel C) 
- SC23 - Fuse 23 (on fuse panel C) 
- SC26 - Fuse 26 (on fuse panel C) 
- T52b - 52-pin connector 
- 508 - Terminal 30 threaded connection (on E-box)
- A1 - Positive connection (30a) (in instrument panel wiring harness)
- B169 - Positive connection 1 (30) (in interior wiring harness)
- B318 - Positive connection 4 (30a) (in main wiring harness)
- B503 - Positive connection 7 (30a) (in interior wiring harness)

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow

or = orange
rs = pink

*

harness)
- For vehicles
with anti-theft
alarm system
*2
- Through
April 2011

Golf

Wiring Diagram

No. 109 / 3

Terminal 15 power supply relay, Driver door control module, Central locking - SAFE- indicator lamp, Fuse panel B, Fuse panel C, Driver window regulator motor

J329 - Terminal 15 power supply relay

J386- Driver door control module

J519 - Vehicle electrical system control module

J682 - Terminal 50 power supply relay

K133 - Central locking - SAFE- indicator lamp

SB - Fuse panel B

SC4 - Fuse 4 (on fuse panel C)

SB7 - Fuse 7 (on fuse panel B)

SB29 - Fuse 29 (on fuse panel B)

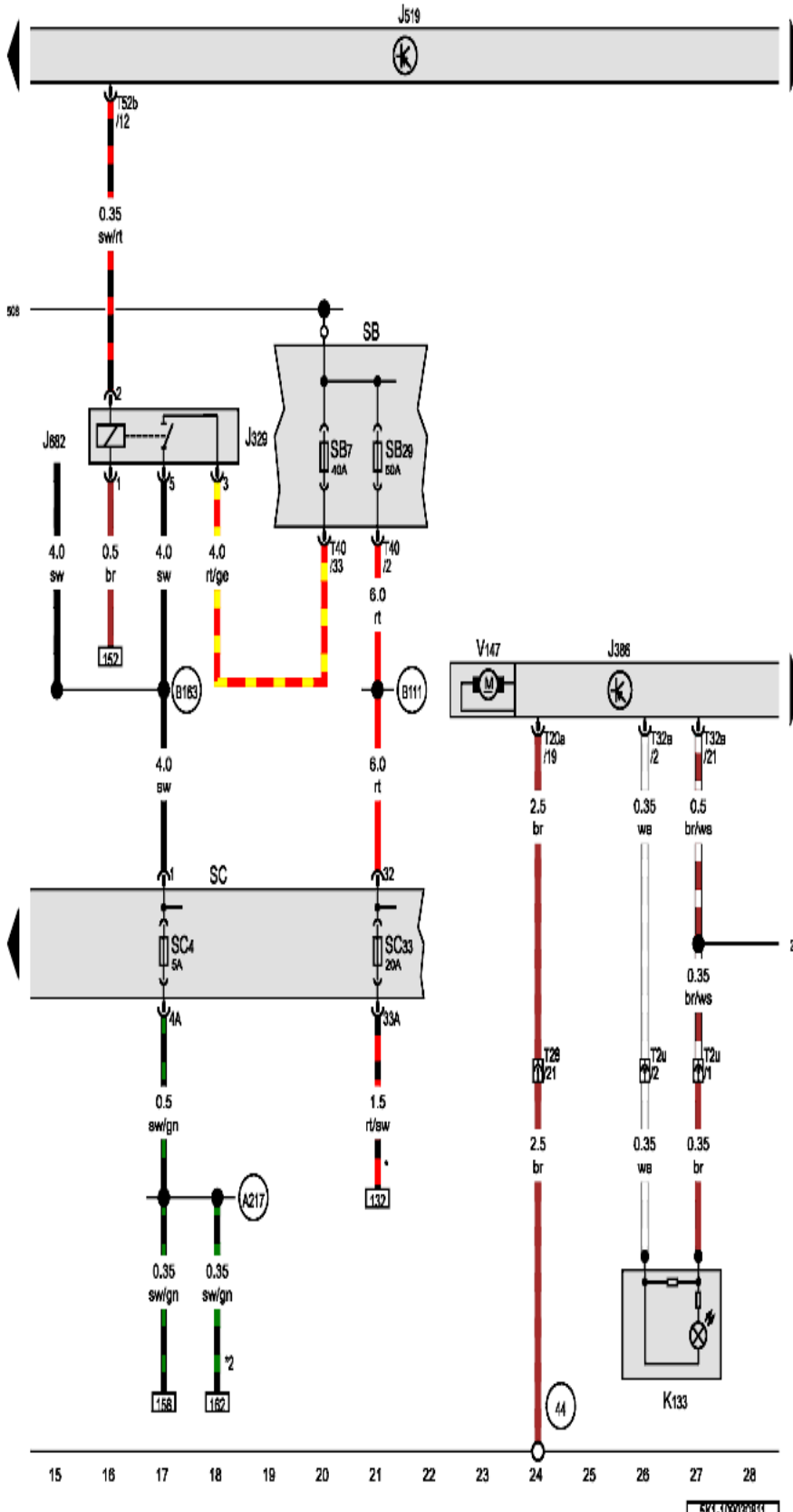
SC - Fuse panel C


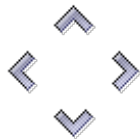



SC33 - Fuse 33 (on fuse panel C)

T2u - Double connector, in the driver door

T20a - 20-pin connector

T28 - 28-pin connector, in the left A-pillar connector



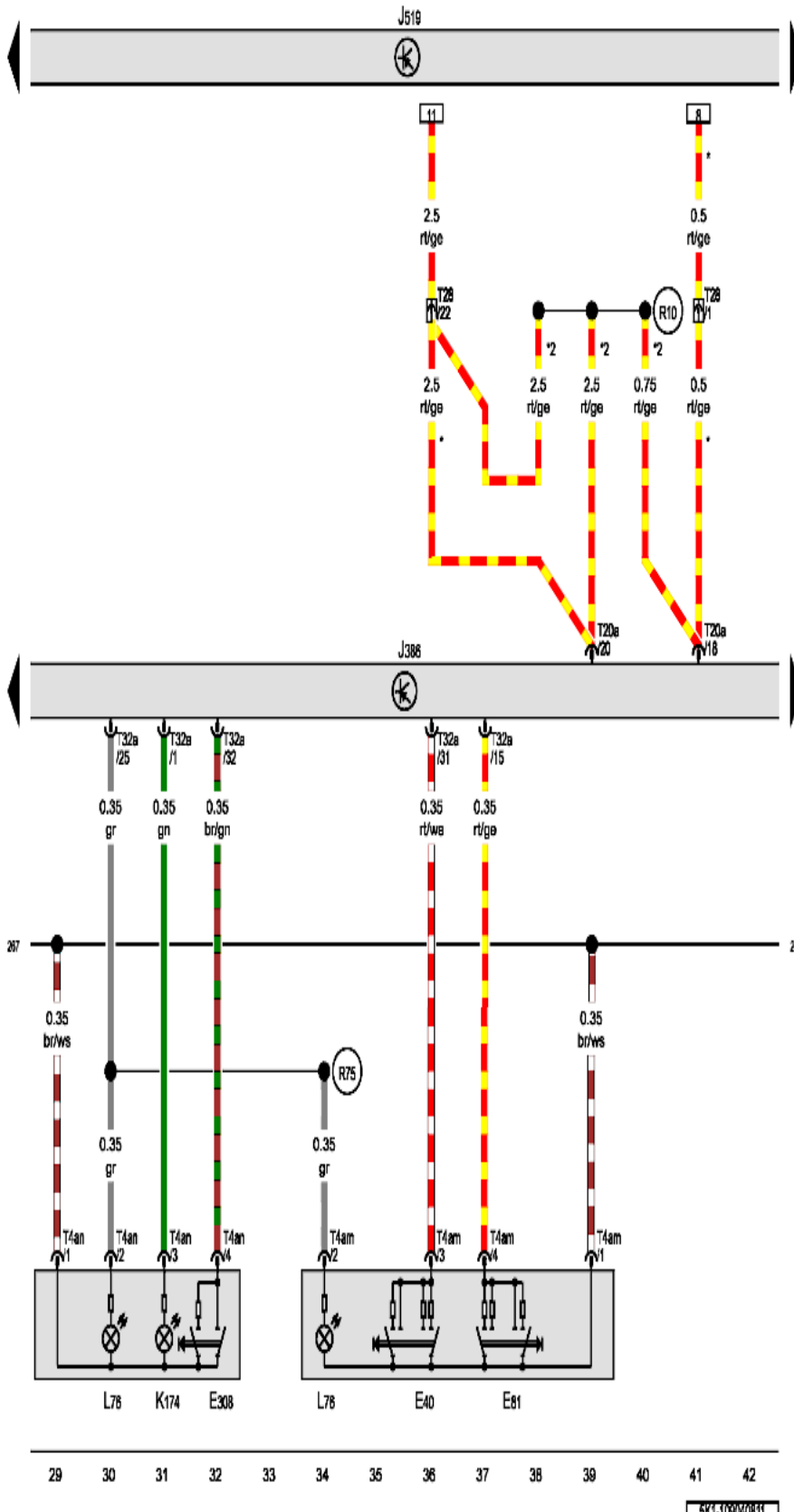
		station 
T32a	- 32-pin connector	
T40	- 40-pin connector	
T52b	- 52-pin connector	
V147	- Driver window regulator motor	
		44 - Ground connection on A-pillar, lower left
		267 - Ground connection 2 (in driver door wiring harness)
		508 - Terminal 30 threaded connection (on E-box)
		A217 - Positive connection 8 (15a) (in instrument panel wiring harness)
		B111 - Positive connection 1 (30a) (in interior wiring harness)
		B163 - Positive connection 1 (15) (in interior wiring harness)
		* - Only for vehicles with a sunroof
		*2 - Only for vehicles with high beam assist

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 109 / 4



Left front window regulator switch, Right front power window switch in driver door, Driver interior locking button, Driver door control module

- E40 - Left front window regulator switch
- E81 - Right front power window switch in driver door
- E308 - Driver interior locking button
- J386- Driver door control module
- J519 - Vehicle electrical system control module
- K174 - Driver interior locking indicator lamp
- L76 - Push button illumination bulb
- T4am - 4-pin connector
- T4an - 4-pin connector
- T20a - 20-pin connector
- T28 - 28-pin connector, in the left A-pillar connector station
- T32a - 32-pin connector
- 267 - Ground connection 2 (in driver door wiring)



ws = white			harness)
sw = black			- Positive
ro = red	R10		connection 1
rt = red			(30) (in driver
br = brown			door wiring
gn = green			harness)
bl = blue			- Connection 1
gr = grey	R75		(58d) (in door
li = lilac			control
vi = lilac			module
ge = yellow			wiring
or = orange			harness)
rs = pink			
		*	- Through
			April 2011
		*2	- From May
			2011

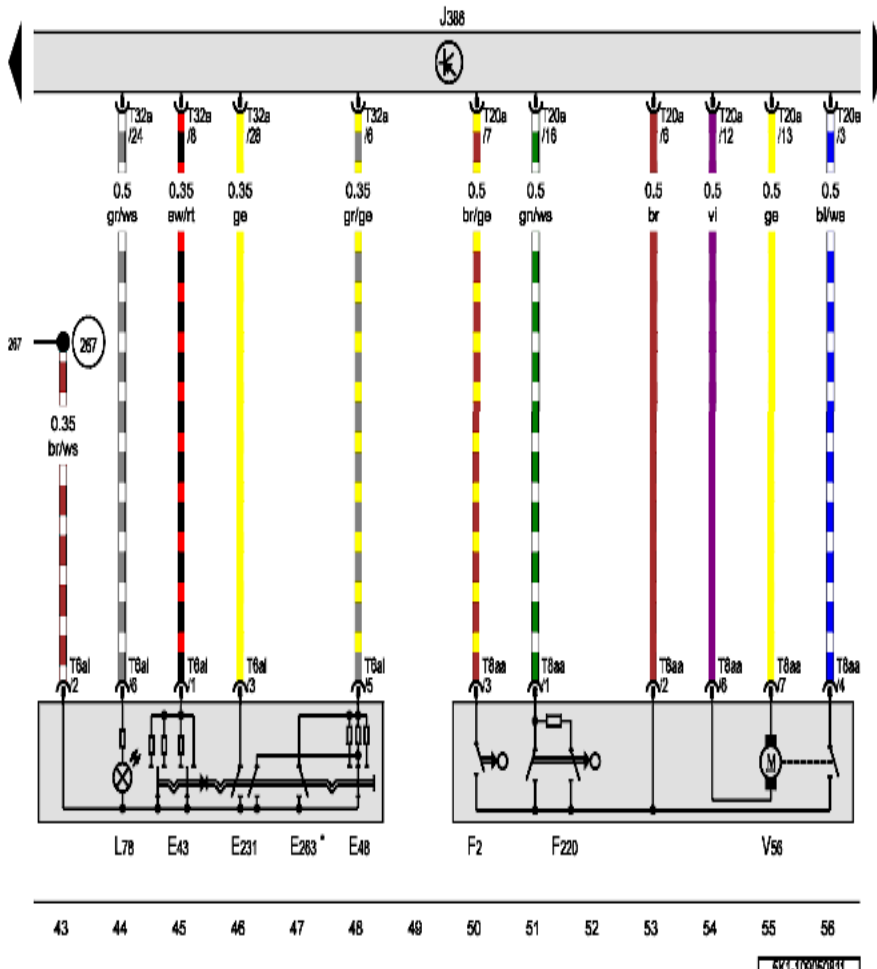
Golf



Wiring Diagram

No. 109 / 5

Mirror adjusting switch, Mirror selector switch, Exterior rearview mirror heating switch, Mirror folding switch, Driver door contact switch, Driver central locking lock unit, Driver door control module, Driver door central locking system motor

- E43 - Mirror adjusting switch
- E48 - Mirror selector switch
- E231 - Exterior rearview mirror heating switch
- E263 - Mirror folding switch
- F2 - Driver door contact switch
- F220 - Driver central locking lock unit
- J386 - Driver door control module
- J519 - Vehicle electrical system control module
- L78 - Mirror adjustment switch illumination bulb
- T6al - 6-pin connector
- T8aa - 8-pin connector
- T20a - 20-pin connector
- T32a - 32-pin connector



ro = red	V56	- Driver door
rt = red		central locking
br = brown		system
gn = green		motor  
bl = blue		
gr = grey	267	- Ground
li = lilac		connection 2
vi = lilac		(in driver
ge = yellow		door wiring
or = orange		harness)
rs = pink	*	- Only for
		vehicles with
		folding
		mirrors



Golf


Wiring Diagram

No. 109 / 6

Exterior rearview mirror horizontal adjustment position sensor, Exterior rearview mirror vertical adjustment position sensor, Driver door control module, Driver exterior rearview mirror turn signal bulb, Driver mirror adjustment motor, Driver exterior rearview mirror folding motor, Heated driver exterior rearview mirror

- G791 - Exterior rearview mirror horizontal adjustment position sensor
- G792 - Exterior rearview mirror vertical adjustment position sensor

J386- Driver door control module  

J519 - Vehicle electrical system control module 

L131 - Driver exterior rearview mirror turn signal bulb

T2ab - Double connector

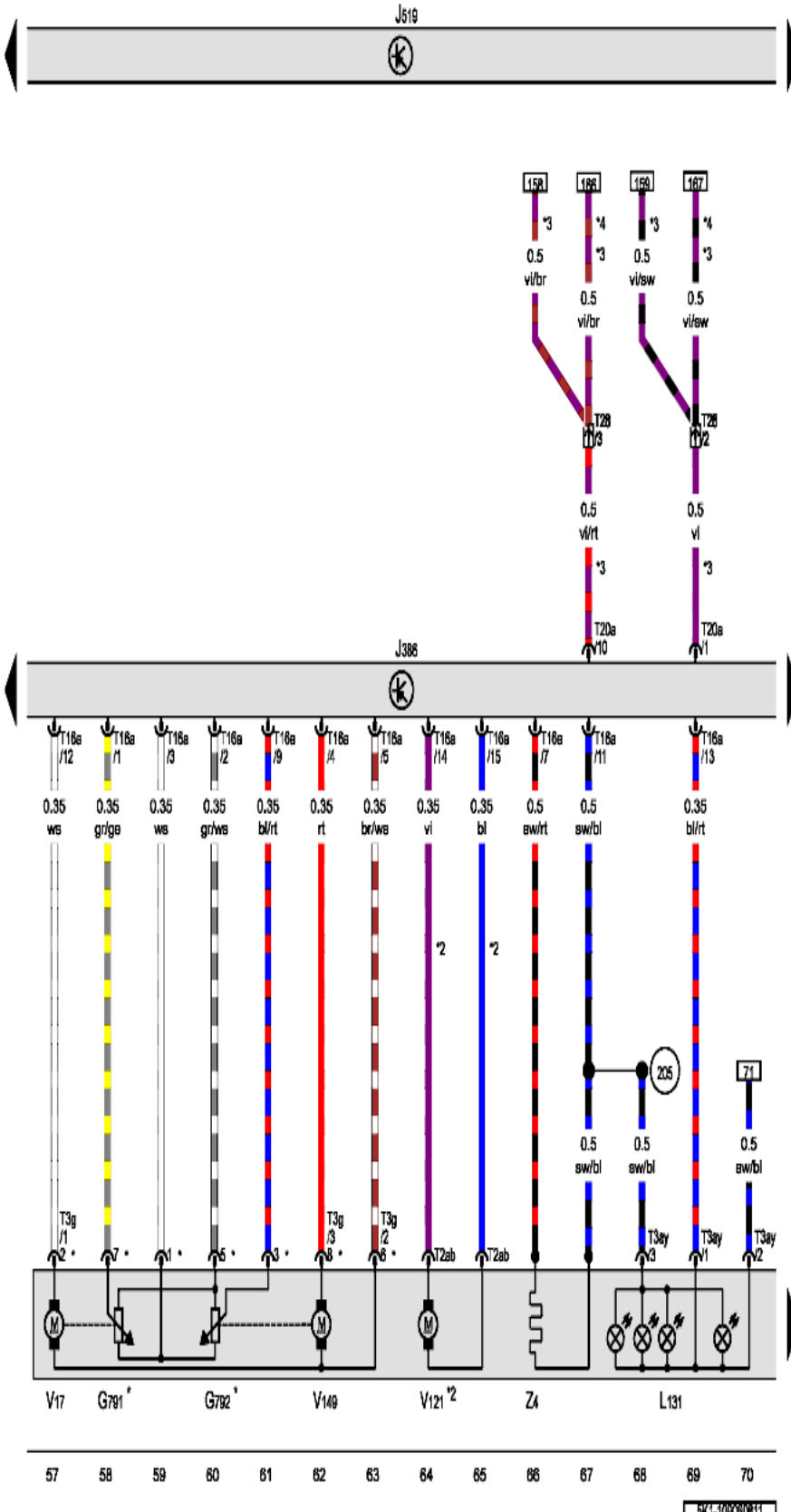
T3ay - 3-pin connector


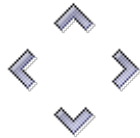

T3g - 3-pin connector

T16a - 16-pin connector

T20a - 20-pin connector

T28 - 28-pin



		connector, in the left A-pillar connector station 
	V17	- Driver mirror adjustment motor
	V121	- Driver exterior rearview mirror folding motor
	V149	- Driver mirror adjustment motor
	Z4	- Heated driver exterior rearview mirror
	205	- Ground connection (in driver door wiring harness)
	*	- Depending on equipment
	*2	- Only for vehicles with folding mirrors
	*3	- Only for vehicles with automatic dimming exterior rearview mirror
	*4	- Only for vehicles with high beam assist








ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

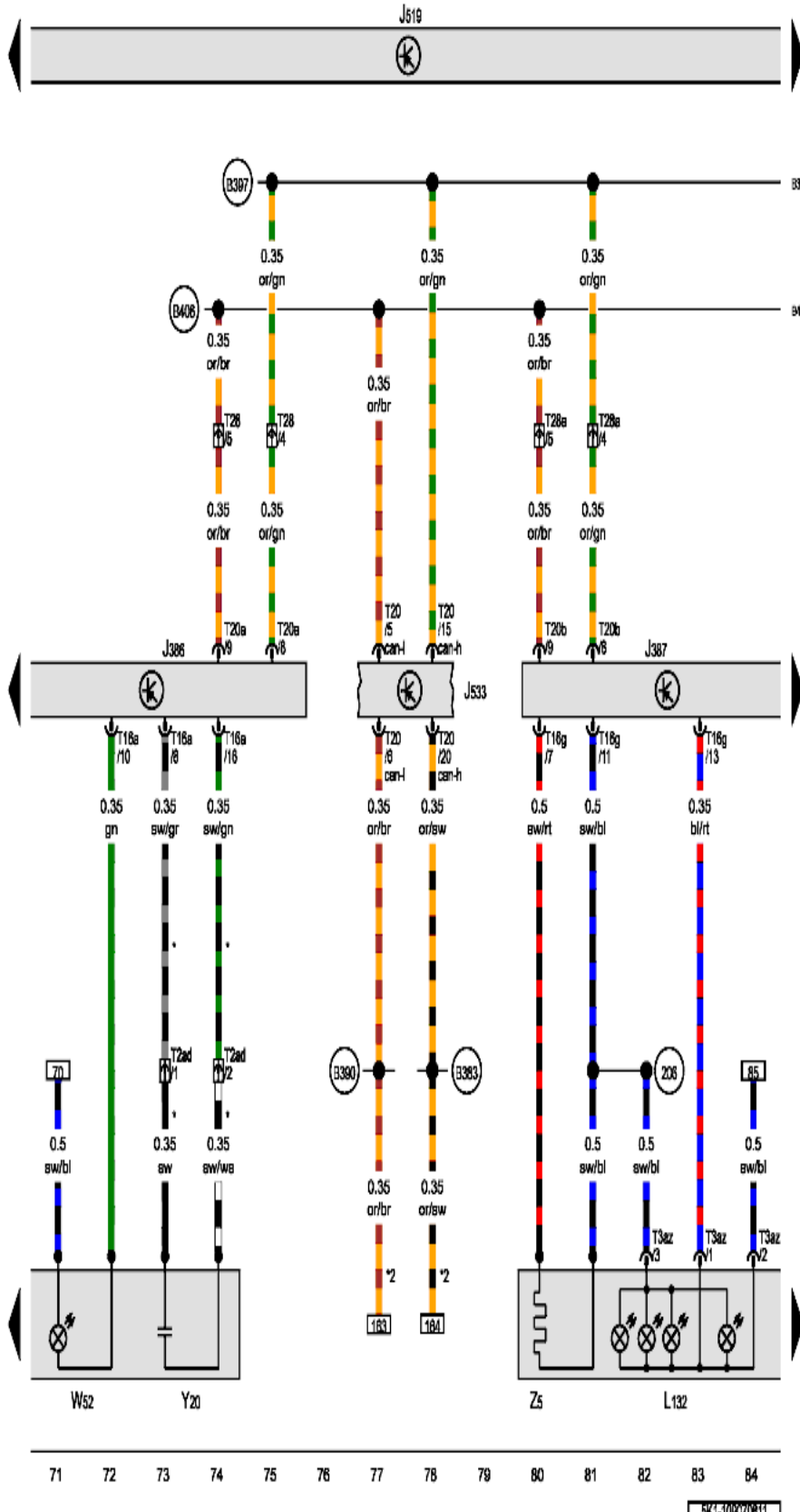
Golf


Wiring Diagram

No. 109 / 7

Driver door control module, Front passenger exterior rearview mirror turn signal bulb, Driver entry lamp in exterior rearview mirror, Driver automatic dimming exterior rearview mirror, Heated front passenger exterior rearview mirror

- J386- Driver door control module  
- J387- Front passenger door control module  
- J519 - Vehicle electrical system control module 
- J533 - Data bus on board diagnostic interface 
- L132 - Front passenger exterior rearview mirror turn signal bulb
- T2ad - Double connector, on the mirror
- T3az - 3-pin connector
- T16a - 16-pin connector
- T16g - 16-pin connector
- T20 - 20-pin connector
- T20a - 20-pin connector
- T20b - 20-pin connector
- T28 - 28-pin connector, in the left A-pillar connector station 
- T28a - 28-pin



- connector, in the connector station, right A-pillar 
- W52 - Driver entry lamp in exterior rearview mirror
- Y20 - Driver automatic dimming exterior rearview mirror
- Z5 - Heated front passenger exterior rearview mirror
- 206 - Ground connection (in front passenger door wiring harness)
- B383 - Powertrain CAN bus high connection 1 (in main wiring harness)
- B390 - Powertrain CAN bus low connection 1 (in main wiring harness)
- B397 - Comfort system CAN bus high connection 1 (in main wiring harness)
- B406 - Comfort system CAN bus low connection 1 (in main wiring harness)
- * - Only for vehicles with automatic dimming exterior rearview



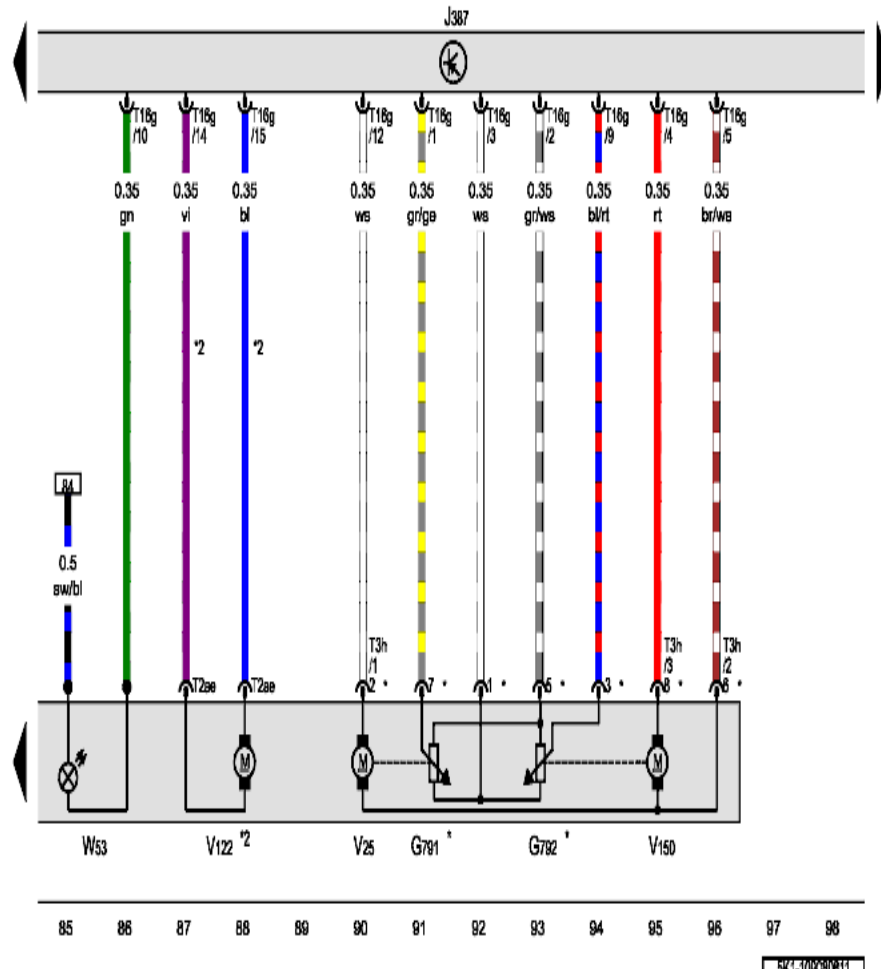
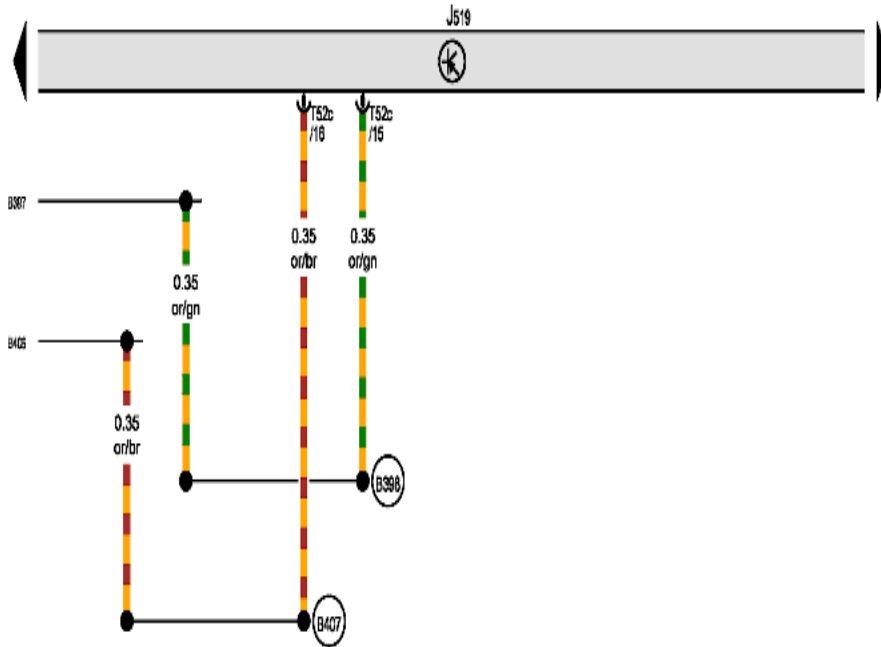
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink



*2 mirror
- Only for
vehicles with
high beam
assist

Golf

Wiring Diagram

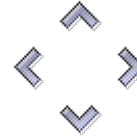
No. 109 / 8



- Exterior rearview mirror horizontal adjustment position sensor, Exterior rearview mirror vertical adjustment position sensor, Front passenger mirror adjustment motor, Front passenger exterior rearview mirror folding motor, Front passenger entry lamp in exterior rearview mirror
- G791 - Exterior rearview mirror horizontal adjustment position sensor
- G792 - Exterior rearview mirror vertical adjustment position sensor
- J387 - Front passenger door control module 
- J519 - Vehicle electrical system control module 
- T2ae - Double connector
- T3h - 3-pin connector
- T16g - 16-pin connector
- T52c - 52-pin connector
- V25 - Front passenger mirror adjustment motor
- V122 - Front passenger exterior rearview mirror folding motor

V150 - Front passenger mirror adjustment motor

W53 - Front passenger entry lamp in exterior rearview mirror



B397 - Comfort system CAN bus high connection 1 (in main wiring harness)



B398 - Comfort system CAN bus high connection 2 (in main wiring harness)

B406 - Comfort system CAN bus low connection 1 (in main wiring harness)

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

B407 - Comfort system CAN bus low connection 2 (in main wiring harness)

* - Depending on equipment

*2 - Only for vehicles with folding mirrors

Golf

Wiring Diagram

No. 109 / 9

Front passenger door window regulator switch, Front passenger door contact switch, Front passenger central locking lock unit, Front passenger door central locking system motor, Front passenger window regulator motor

E107 - Front passenger door window regulator switch

F3 - Front passenger door contact switch

F221 - Front passenger central locking lock unit

J387 - Front passenger door control module

J519 - Vehicle electrical system control module

L76 - Push button illumination bulb

T4bb - 4-pin connector

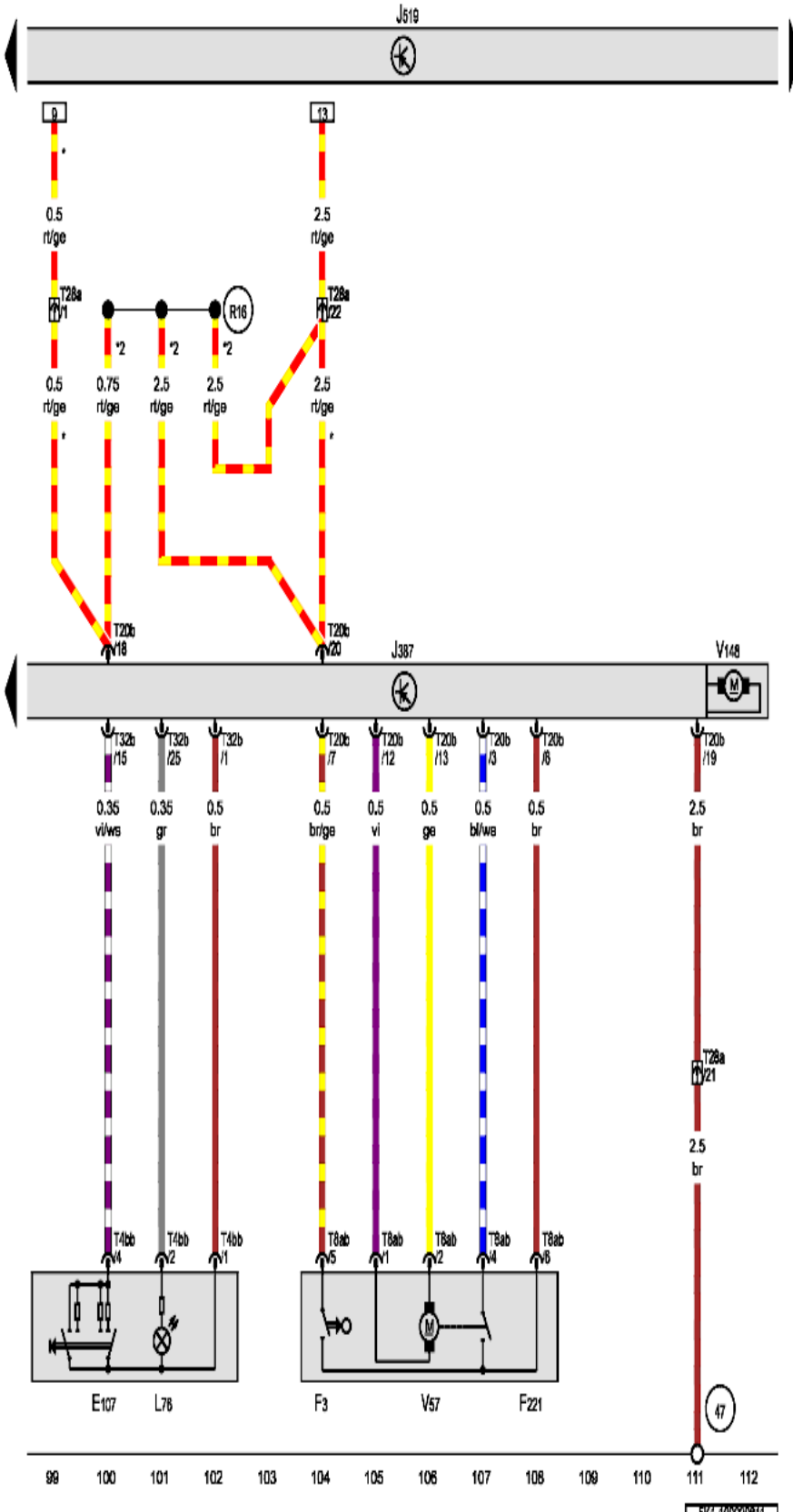
T8ab - 8-pin connector



T20b - 20-pin connector

T28a - 28-pin connector, in the connector station, right A-pillar

T32b - 32-pin connector

V57 - Front passenger door central locking system









		motor  
V148		- Front passenger window regulator motor
	47	- Ground connection in right front footwell
	R16	- Positive connection 1 (30) (in front passenger door wiring harness)
	*	- Through April 2011
	*2	- From May 2011

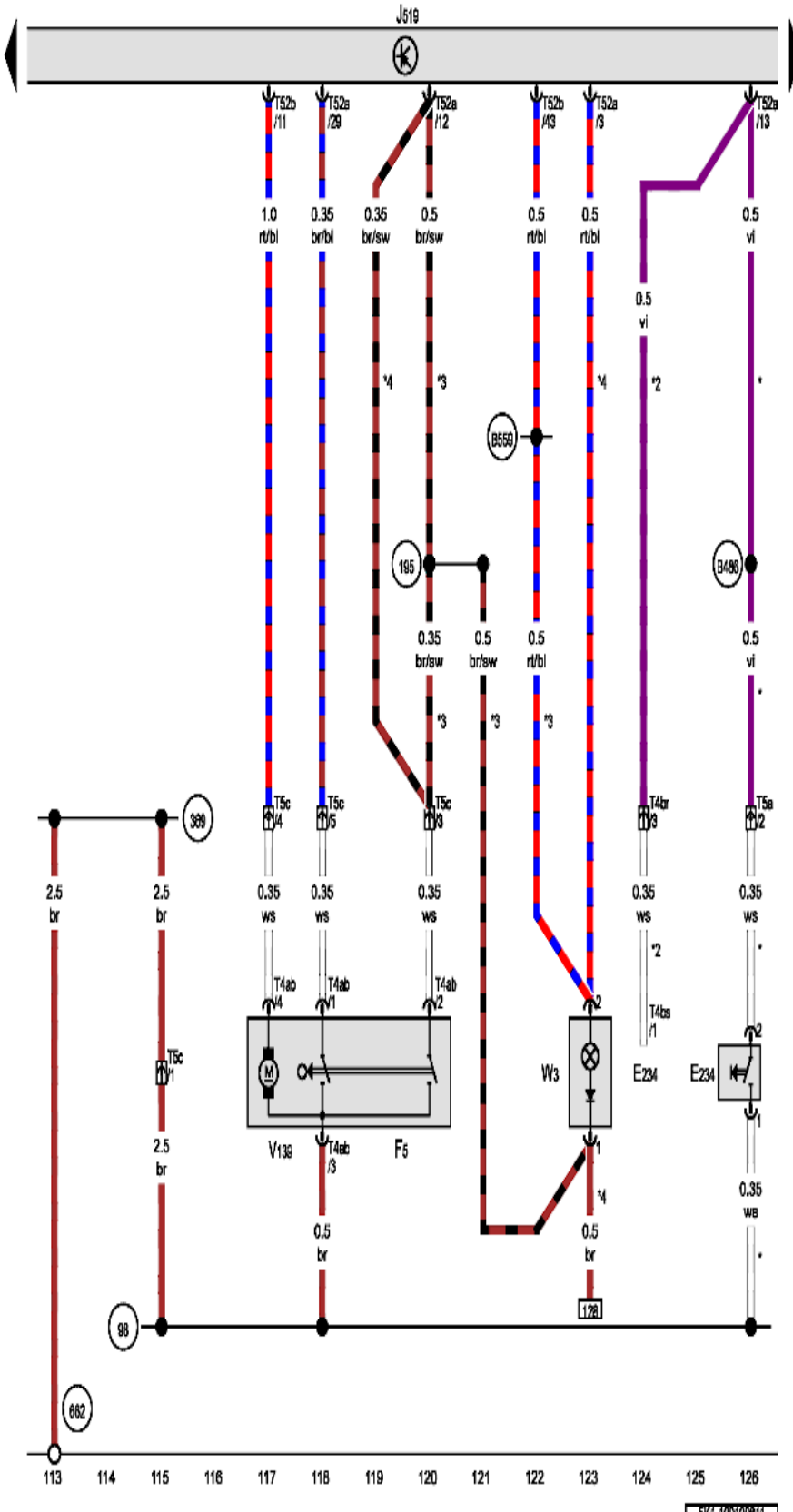
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

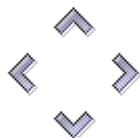



Golf

Wiring Diagram

No. 109 / 10

- Release button in rear lid handle, Luggage compartment lamp switch, Rear lid unlock motor, Luggage compartment lamp**
- E234 - Release button in rear lid handle
- F5 - Luggage compartment lamp switch 
- J519 - Vehicle electrical system control module 
- T4ab - 4-pin connector
- T4br - 4-pin connector, behind the right C-pillar trim panel 
- T4bs - 4-pin connector
- T5a - 5-pin connector, in the left rear side panel 
- T5c - 5-pin connector, in the left rear side panel 
- T52a - 52-pin connector
- T52b - 52-pin connector
- V139 - Rear lid unlock motor 
- W3 - Luggage compartment lamp
- 98 - Ground connection (in rear lid wiring harness)
- 195 - Ground



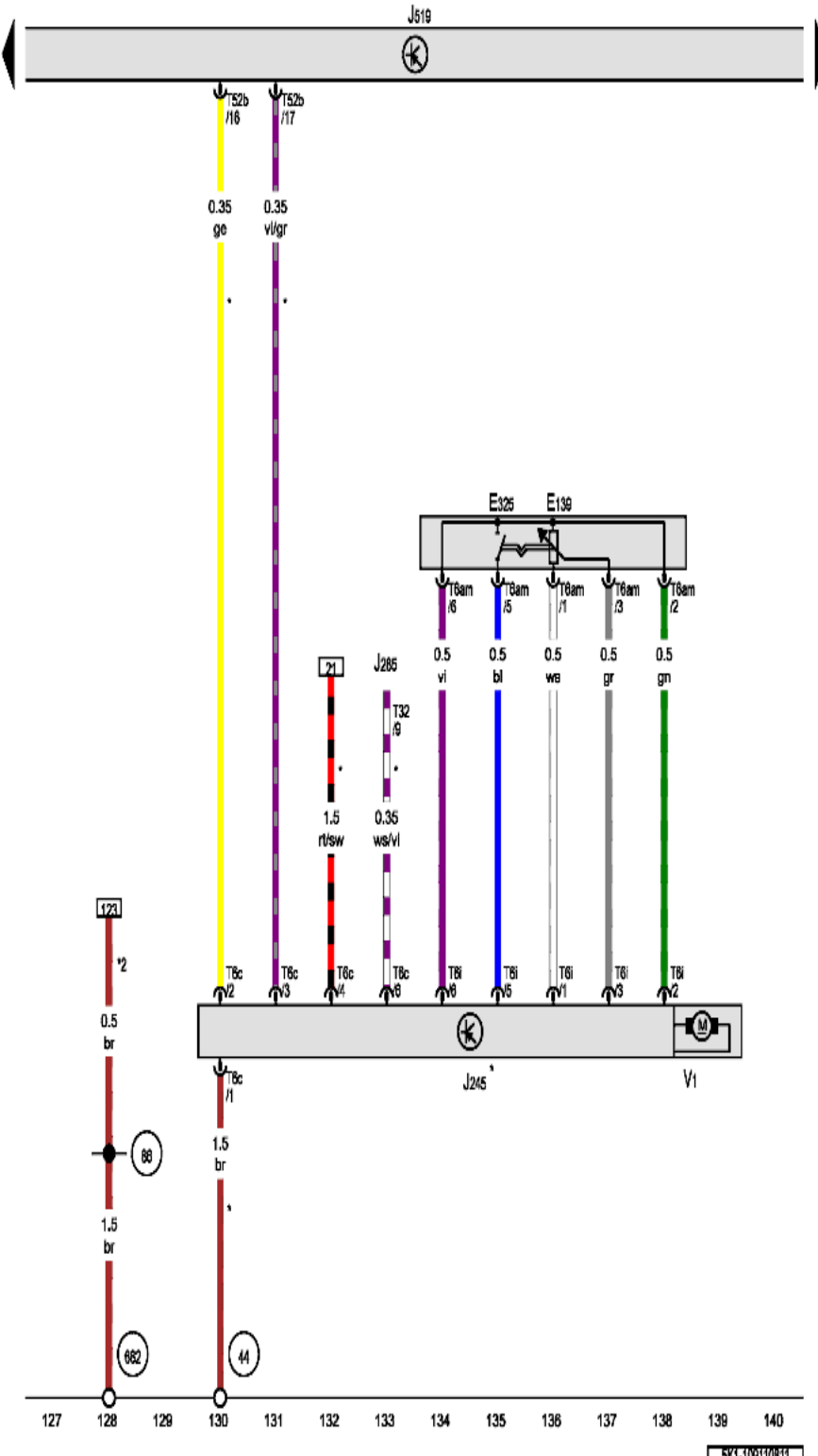
		connection (in rear door contact switch wiring harness)
	369	- Ground connection 4 (in main wiring harness)
	662	- Ground connection in left rear side panel
		
	B486	- Connection 22 (in main wiring harness)
	B559	- Positive connection 1 (30g) (in main wiring harness)
ws = white sw = black ro = red rt = red br = brown gn = green bl = blue gr = grey li = lilac vi = lilac ge = yellow or = orange rs = pink	*	- Only for vehicles without a rearview camera system
	*2	- Only for vehicles with a rearview camera system
	*3	- Through April 2011
	*4	- From May 2011

Golf

Wiring Diagram

No. 109 / 11

Sunroof adjustment regulator, Sunroof button, Power sunroof control module, Sunroof motor



- E139 - Sunroof adjustment regulator
- E325 - Sunroof button
- J245- Power sunroof control module
- J285 - Instrument cluster control module
- J519 - Vehicle electrical system control module
- T6am - 6-pin connector
- T6c - 6-pin connector
- T6i - 6-pin connector
- T32 - 32-pin connector
- T52b - 52-pin connector
- V1 - Sunroof motor
- 44 - Ground connection on A-pillar, lower left
- 86 - Ground connection 1 (in rear wiring harness)
- 682 - Ground connection 2 in right rear side panel
- * - Only for vehicles with a sunroof
- *2 - From May 2011

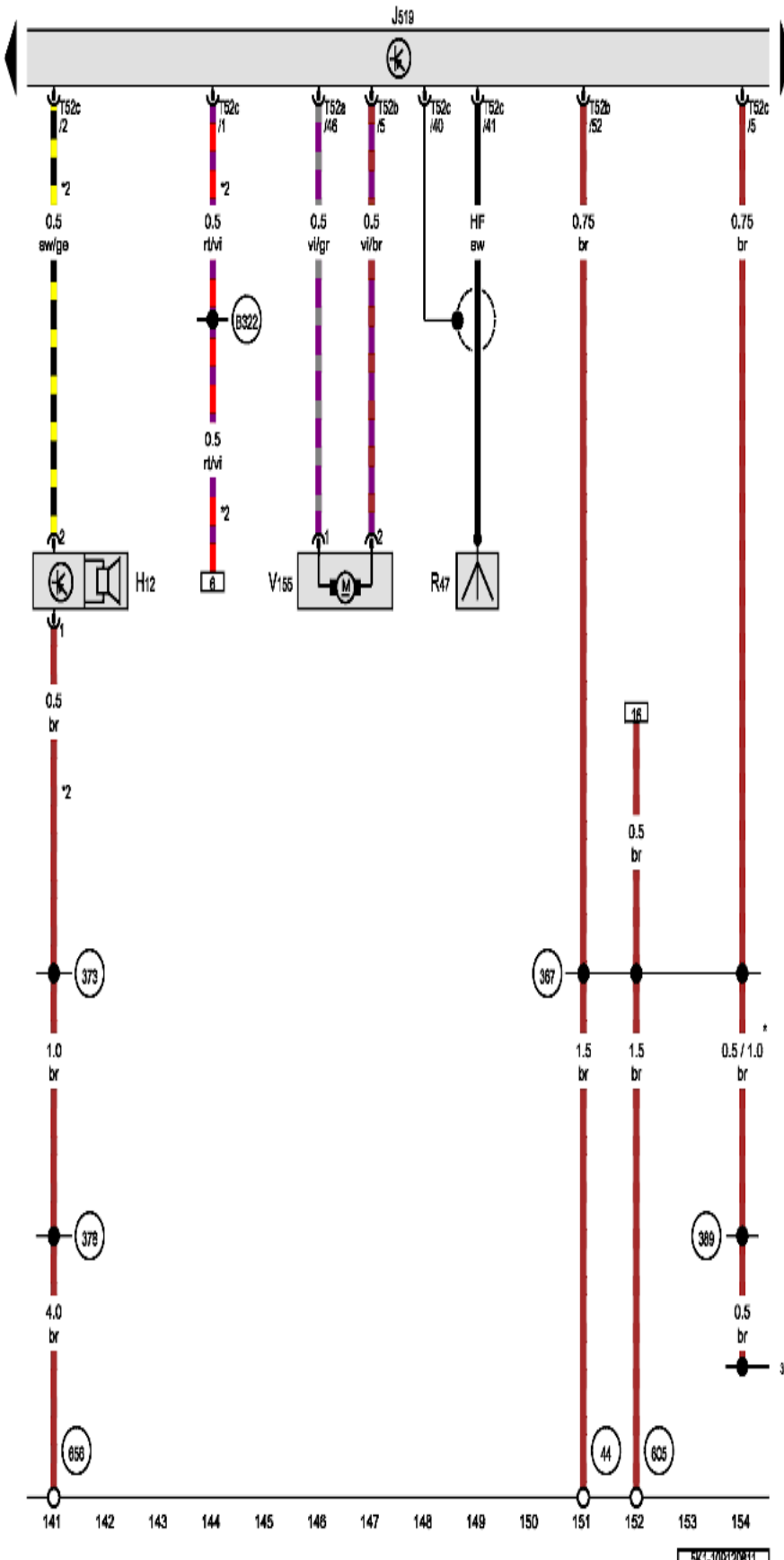


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

Golf

Wiring Diagram

No. 109 / 12



Alarm horn, Central locking and anti-theft alarm system antenna, Fuel filler door unlock motor

- H12 - Alarm horn
- J519 - Vehicle electrical system control module
- R47 - Central locking and anti-theft alarm system antenna
- T52a - 52-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- V155 - Fuel filler door unlock motor
- 44 - Ground connection on A-pillar, lower left
- 367 - Ground connection 2 (in main wiring harness)
- 373 - Ground connection 8 (in main wiring harness)
- 378 - Ground connection 13 (in main wiring harness)
- 380 - Ground connection 15 (in main wiring harness)
- 389 - Ground connection 24 (in main wiring harness)
- 605 - Ground connection on upper steering




ws = white		column
sw = black		
ro = red	656	- Ground connection on right headlamp
rt = red		
br = brown		
gn = green		
bl = blue		
gr = grey	B322	- Positive connection 8 (30a) (in main wiring harness)
li = lilac		
vi = lilac		
ge = yellow		
or = orange	*	- From May 2011
rs = pink	*2	- For vehicles with anti-theft alarm system

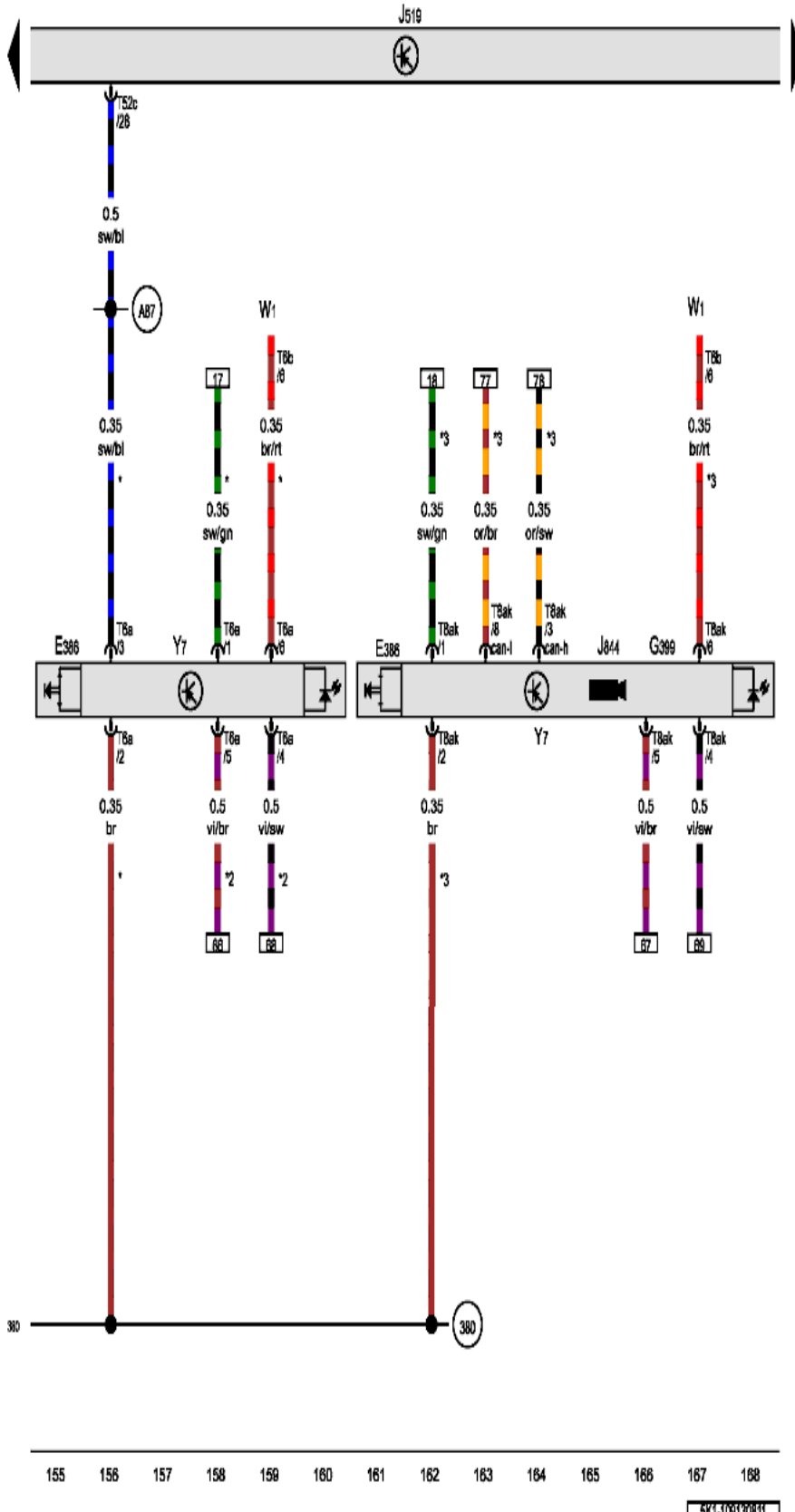
Golf

Wiring Diagram

No. 109 / 13

Automatic dimming interior rearview mirror switch, Light recognition sensor, Automatic high beam assist control module, Automatic dimming interior rearview mirror

- E386 - Automatic dimming interior rearview mirror switch
- G399 - Light recognition sensor
- J519 - Vehicle electrical system control module 
- J844 - Automatic high beam assist control module
- T6a - 6-pin connector 
- T6b - 6-pin connector 
- T8ak - 8-pin connector
- T52c - 52-pin connector
- W1 - Front interior lamp
- Y7 - Automatic dimming interior rearview mirror
- 380 - Ground connection 15 (in main wiring harness)
- A87 - Back-up lamp connection (in instrument panel wiring harness)
- * - Only for vehicles with automatic dimming




sw = black		interior
ro = red		rearview
rt = red		mirror
br = brown		
gn = green	*2	- Only for
bl = blue		vehicles with
gr = grey		automatic
li = lilac		dimming
vi = lilac		exterior
ge = yellow		rearview
or = orange		mirror
rs = pink		
	*3	- Only for
		vehicles with
		high beam
		assist


Golf

Wiring Diagram

No. 109 / 14

Engine hood contact switch

F266 - Engine hood contact switch 

J519 - Vehicle electrical system control module 

T2bn - Double connector, near the left headlamp

T52a - 52-pin connector

47 - Ground connection in right front footwell

366 - Ground connection 1 (in main wiring harness)

376 - Ground connection 11 (in main wiring harness)

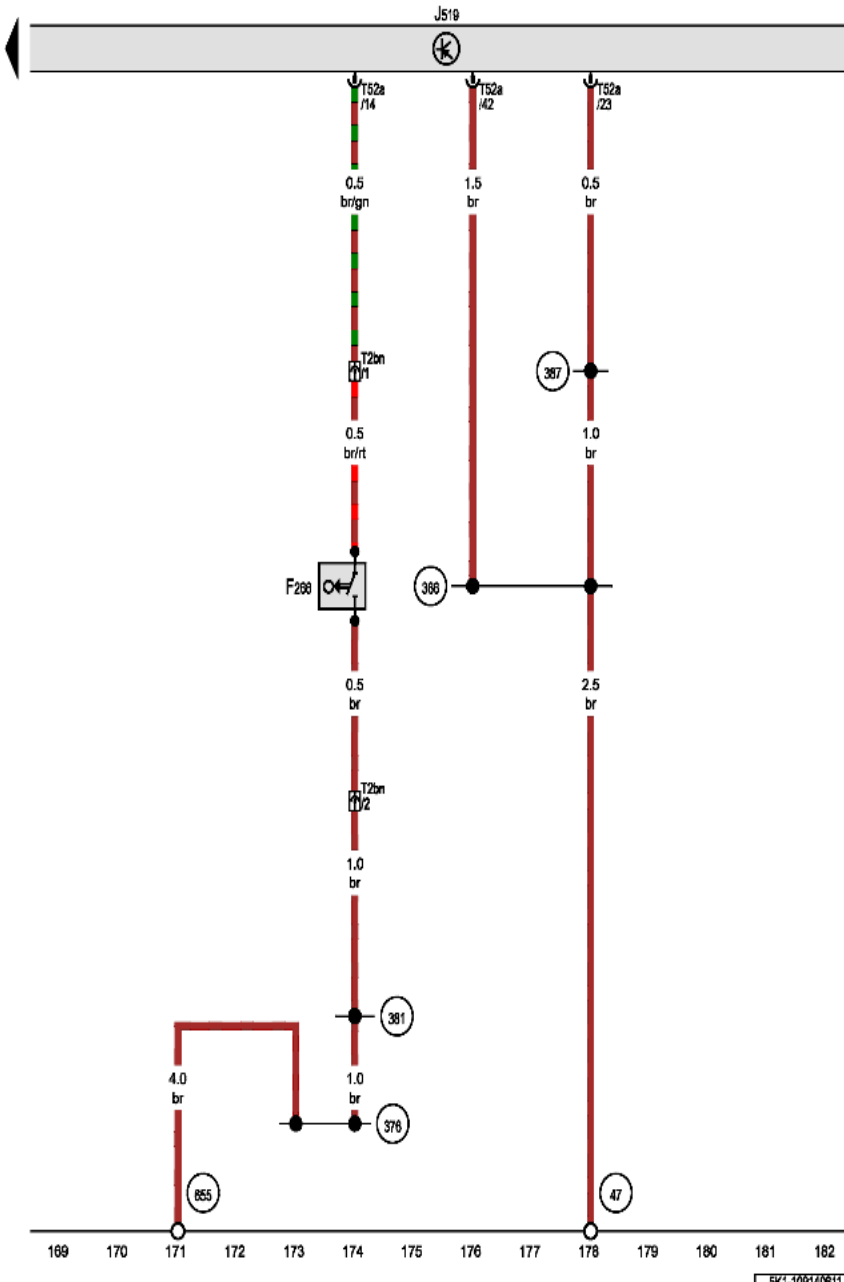
381 - Ground connection 16 (in main wiring harness)

387 - Ground connection 22 (in main wiring harness)

655 - Ground connection on left headlamp



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink



Golf

Wiring Diagram

No. 110 / 1

08.2011

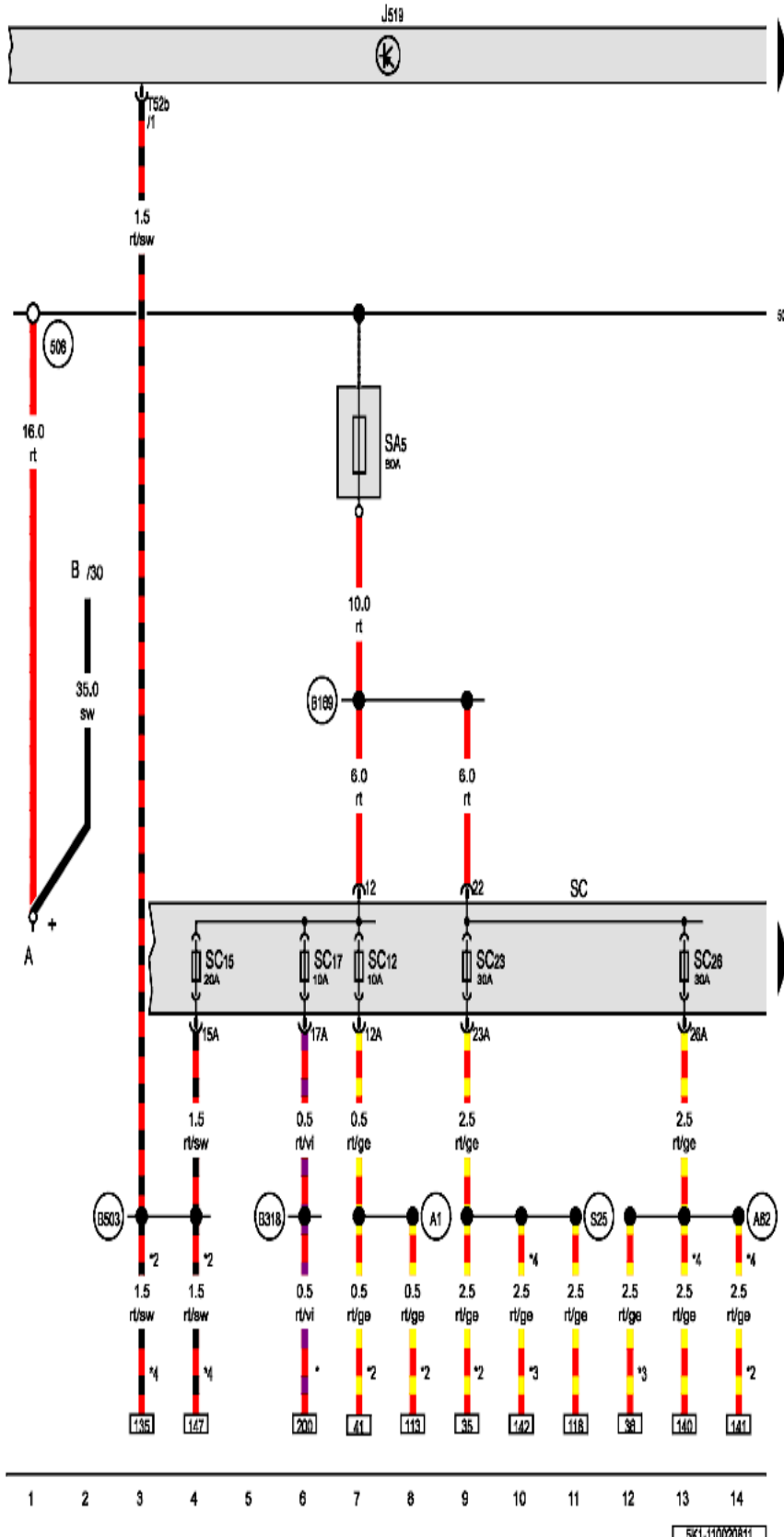
Comfort system (Canada, Mexico, USA) , (0A2),(8G1)

From November 2010

Golf

Wiring Diagram

No. 110 / 2



Fuse 5 (on fuse panel A), Fuse panel C

- A - Battery
- B - Starter
- J519 - Vehicle electrical system control module
- SA5 - Fuse 5 (on fuse panel A)
- SC - Fuse panel C
- SC12 - Fuse 12 (on fuse panel C)
- SC15 - Fuse 15 (on fuse panel C)
- SC17 - Fuse 17 (on fuse panel C)
- SC23 - Fuse 23 (on fuse panel C)
- SC26 - Fuse 26 (on fuse panel C)
- T52b - 52-pin connector
- 508 - Terminal 30 threaded connection (on E-box)
- A1 - Positive connection (30a) (in instrument panel wiring harness)
- A62 - Power window connection (in instrument panel wiring harness)
- B169 - Positive connection 1 (30) (in interior wiring harness)
- B318 - Positive connection 4



- (30a) (in main wiring harness)
- B503 - Positive connection 7 (30a) (in interior wiring harness)
- S25 - Positive connection (30a) (in central locking system wiring harness)
- * - For vehicles with anti-theft alarm system
- *2 - Through April 2011
- *3 - From May 2011
- *4 - Only for vehicles with rear power windows

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 110 / 3

Terminal 15 power supply relay, Driver door control module, Fuse panel B, Fuse panel C, Driver window regulator motor

J329 - Terminal 15 power supply relay

J386- Driver door control module

J519 - Vehicle electrical system control module

J682 - Terminal 50 power supply relay

J906 - Starter relay 1

SB - Fuse panel B

SC - Fuse panel C

SC4 - Fuse 4 (on fuse panel C)

SB7 - Fuse 7 (on fuse panel B)

SB29 - Fuse 29 (on fuse panel B)

SC33 - Fuse 33 (on fuse panel C)

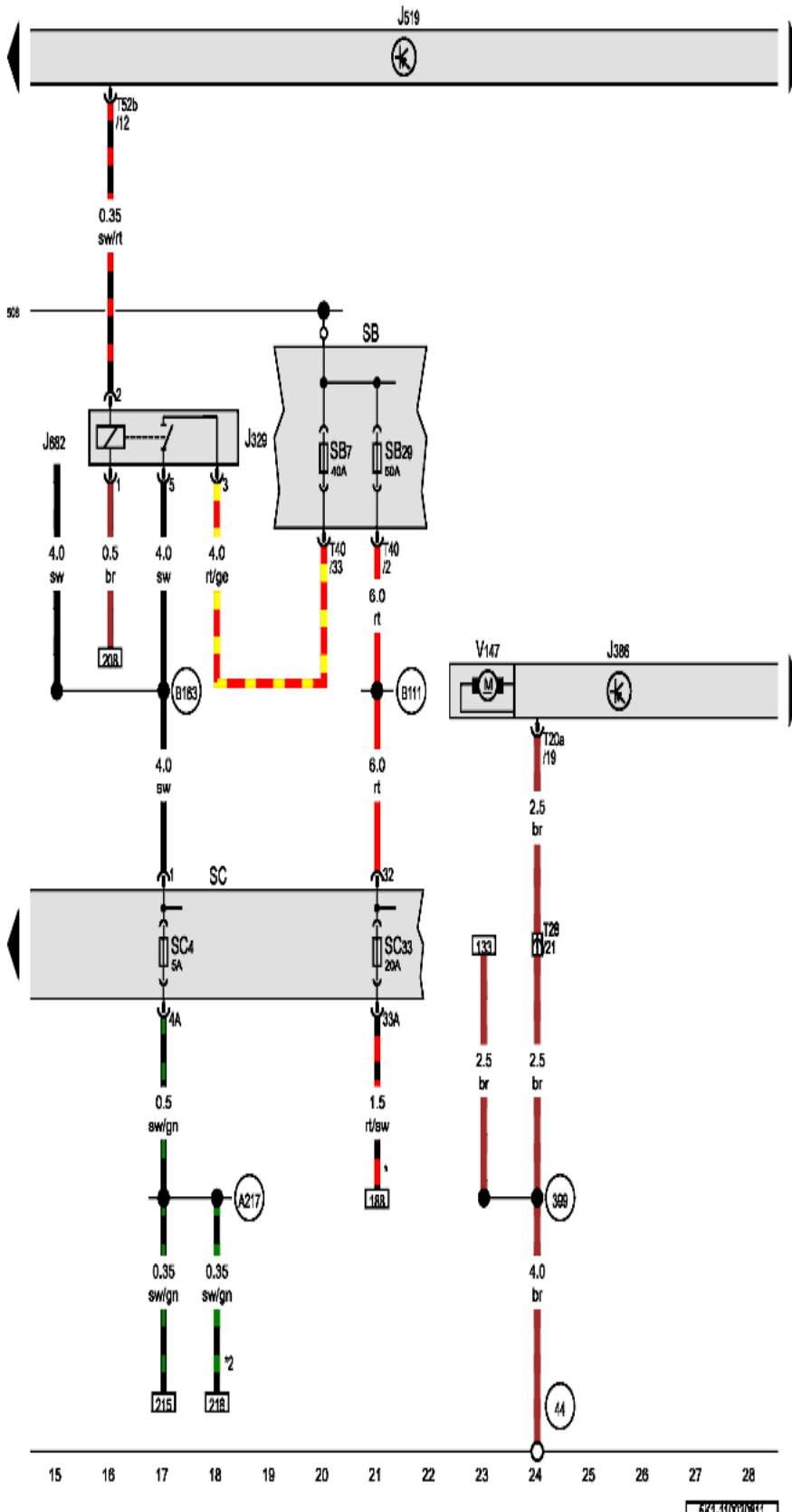
T20a - 20-pin connector

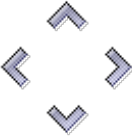



T28 - 28-pin connector, in the left A-pillar connector station

T40 - 40-pin connector

T52b - 52-pin connector

V147 - Driver window regulator motor



	44	- Ground connection on A-pillar, lower left
	399	- Ground connection 34 (in main wiring harness)
	508	- Terminal 30 threaded connection (on E-box)
	A217	- Positive connection 8 (15a) (in instrument panel wiring harness)
	B111	- Positive connection 1 (30a) (in interior wiring harness)
	B163	- Positive connection 1 (15) (in interior wiring harness)
	*	- Only for vehicles with a sunroof
	*2	- Only for vehicles with high beam assist

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

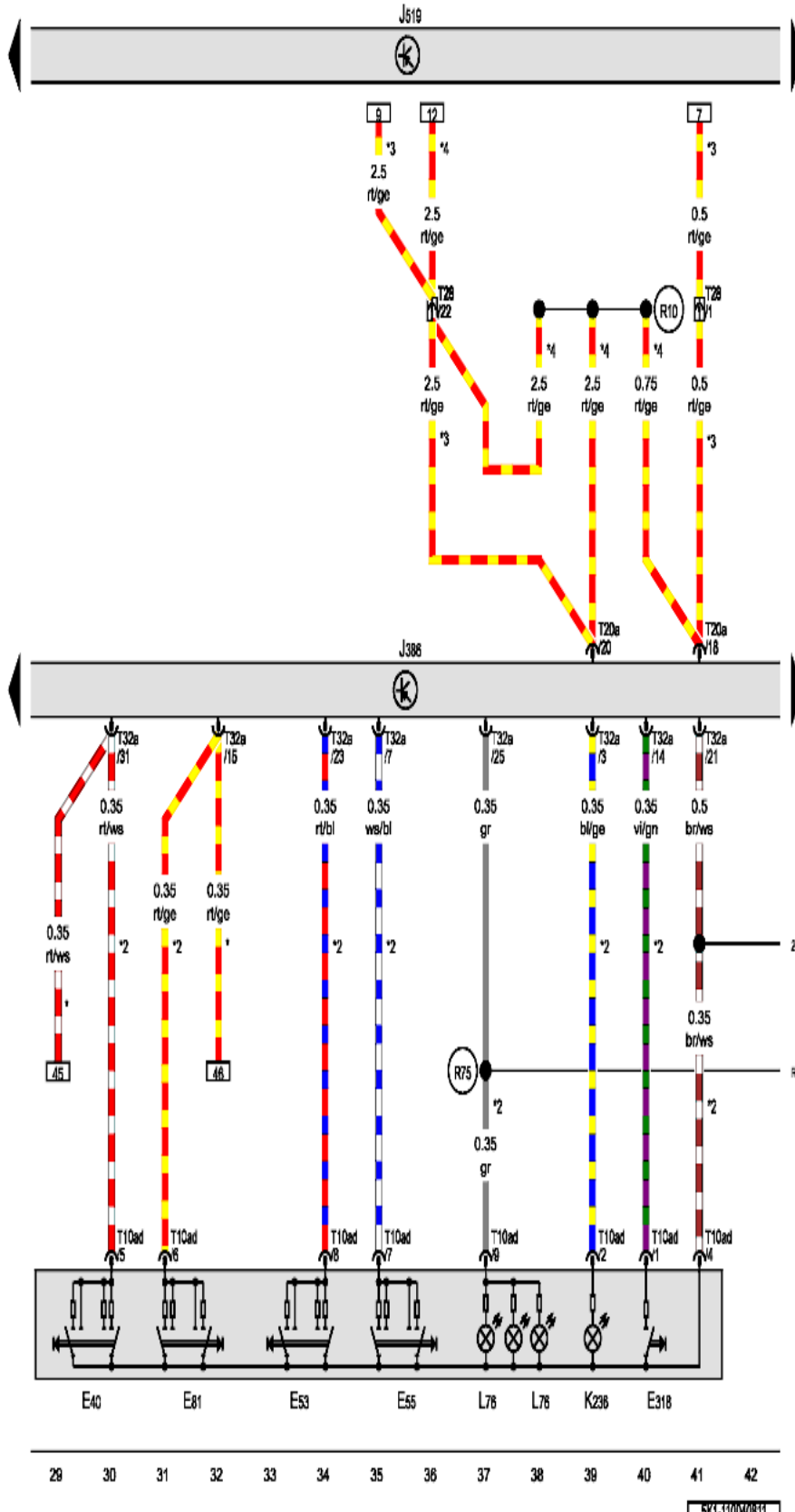
Golf


Wiring Diagram

No. 110 / 4

Left front window regulator switch, Left rear window regulator switch in driver door, Right rear window regulator switch in driver door, Right front power window switch in driver door, Child safety lock button, Driver door control module

- E40 - Left front window regulator switch
- E53 - Left rear window regulator switch in driver door
- E55 - Right rear window regulator switch in driver door
- E81 - Right front power window switch in driver door
- E318 - Child safety lock button
- J386 - Driver door control module
- J519 - Vehicle electrical system control module
- K236 - Child safety lock - activated-indicator lamp
- L76 - Push button illumination bulb
- T10ad - 10-pin



		connector
T20a		- 20-pin connector
T28		- 28-pin connector, in the left A-pillar connector station 
T32a		- 32-pin connector
267		- Ground connection 2 (in driver door wiring harness)
R10		- Positive connection 1 (30) (in driver door wiring harness)
R75		- Connection 1 (58d) (in door control module wiring harness)
	*	- Only for vehicles with front power windows
	*2	- Only for vehicles with rear power windows
	*3	- Through April 2011
	*4	- From May 2011



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

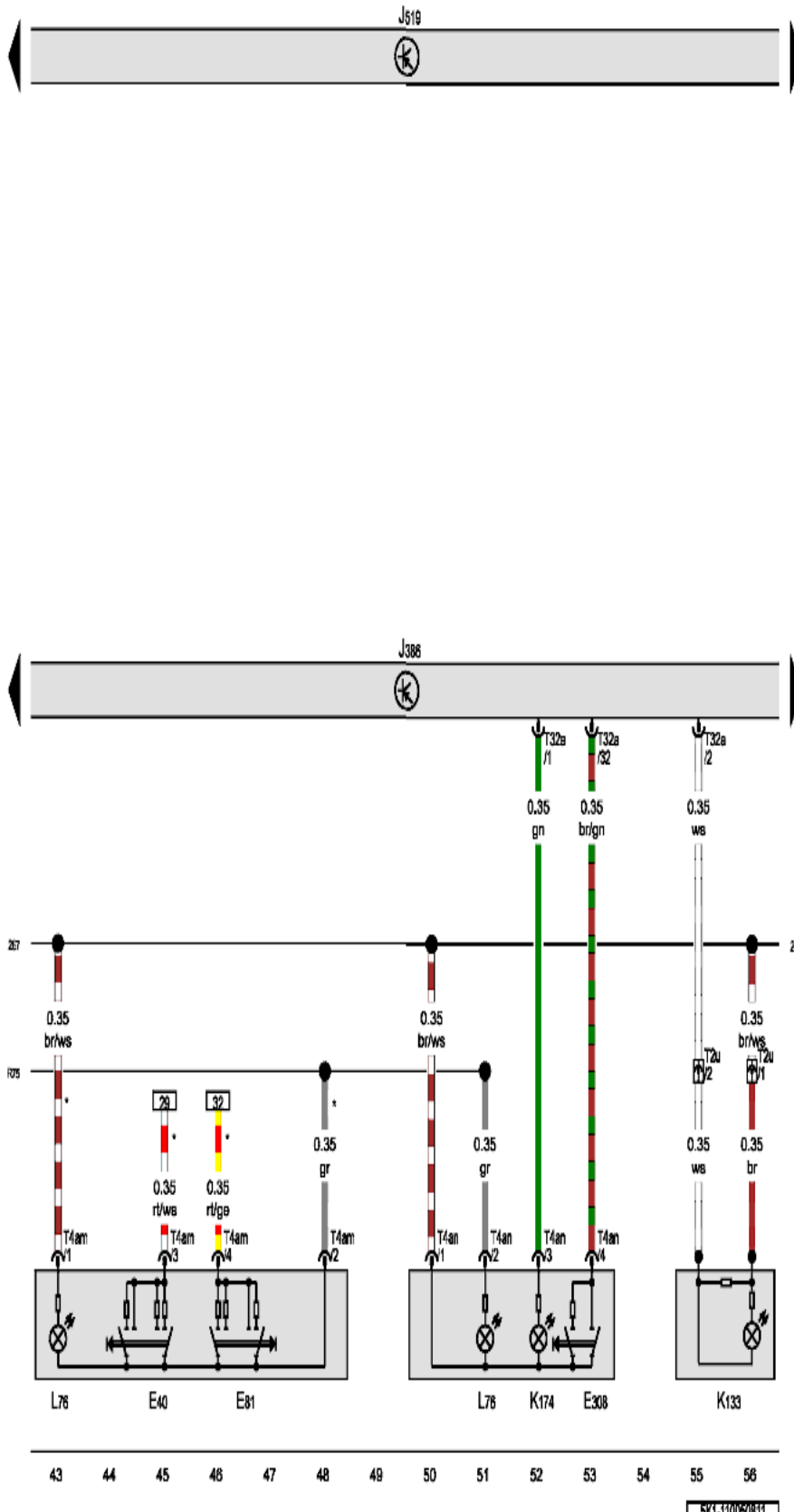
Golf

Wiring Diagram

No. 110 / 5

Left front window regulator switch, Right front power window switch in driver door, Driver interior locking button, Driver door control module, Central locking - SAFE- indicator lamp

- E40 - Left front window regulator switch
- E81 - Right front power window switch in driver door
- E308 - Driver interior locking button
- J386 - Driver door control module
- J519 - Vehicle electrical system control module
- K133 - Central locking - SAFE- indicator lamp
- K174 - Driver interior locking indicator lamp
- L76 - Push button illumination bulb
- T2u - Double connector, in the driver door
- T4am - 4-pin connector
- T4an - 4-pin connector
- T32a - 32-pin connector



ws = white		
sw = black		
ro = red		
rt = red		
br = brown		
gn = green		
bl = blue		
gr = grey		
li = lilac		
vi = lilac		
ge = yellow		
or = orange		
rs = pink		
	267	- Ground connection 2 (in driver door wiring harness)
	R75	- Connection 1 (58d) (in door control module wiring harness)
	*	- Only for vehicles with front power windows

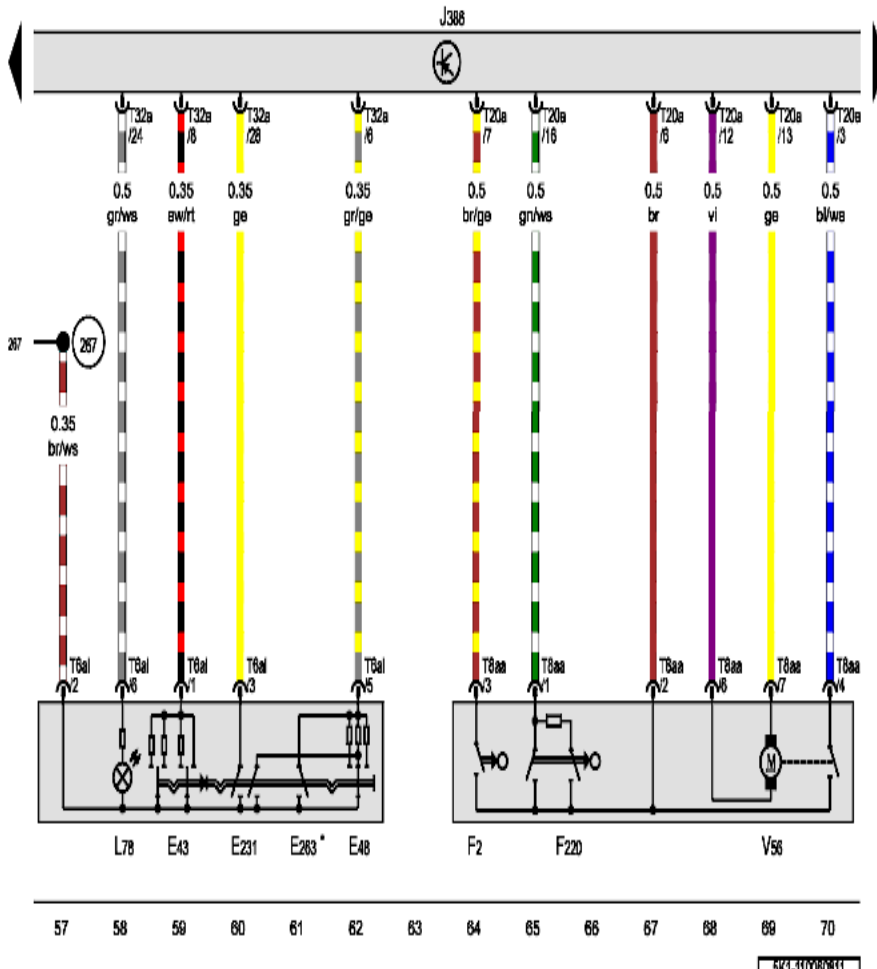
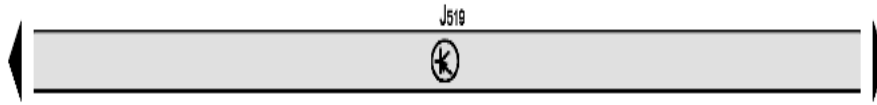
Golf



Wiring Diagram

No. 110 / 6

Mirror adjusting switch, Mirror selector switch, Exterior rearview mirror heating switch, Mirror folding switch, Driver door contact switch, Driver central locking lock unit, Driver door control module, Driver door central locking system motor

- E43 - Mirror adjusting switch
- E48 - Mirror selector switch
- E231 - Exterior rearview mirror heating switch
- E263 - Mirror folding switch
- F2 - Driver door contact switch
- F220 - Driver central locking lock unit
- J386 - Driver door control module
- J519 - Vehicle electrical system control module
- L78 - Mirror adjustment switch illumination bulb
- T6al - 6-pin connector
- T8aa - 8-pin connector
- T20a - 20-pin connector
- T32a - 32-pin connector



ro = red	V56	- Driver door
rt = red		central locking
br = brown		system
gn = green		motor  
bl = blue		
gr = grey	267	- Ground
li = lilac		connection 2
vi = lilac		(in driver
ge = yellow		door wiring
or = orange		harness)
rs = pink	*	- Only for
		vehicles with
		folding
		mirrors



Golf


Wiring Diagram

No. 110 / 7

Exterior rearview mirror horizontal adjustment position sensor, Exterior rearview mirror vertical adjustment position sensor, Driver door control module, Driver exterior rearview mirror turn signal bulb, Driver mirror adjustment motor, Driver exterior rearview mirror folding motor, Heated driver exterior rearview mirror

- G791 - Exterior rearview mirror horizontal adjustment position sensor
- G792 - Exterior rearview mirror vertical adjustment position sensor

J386- Driver door control module  

J519 - Vehicle electrical system control module 

L131 - Driver exterior rearview mirror turn signal bulb

T2ab - Double connector

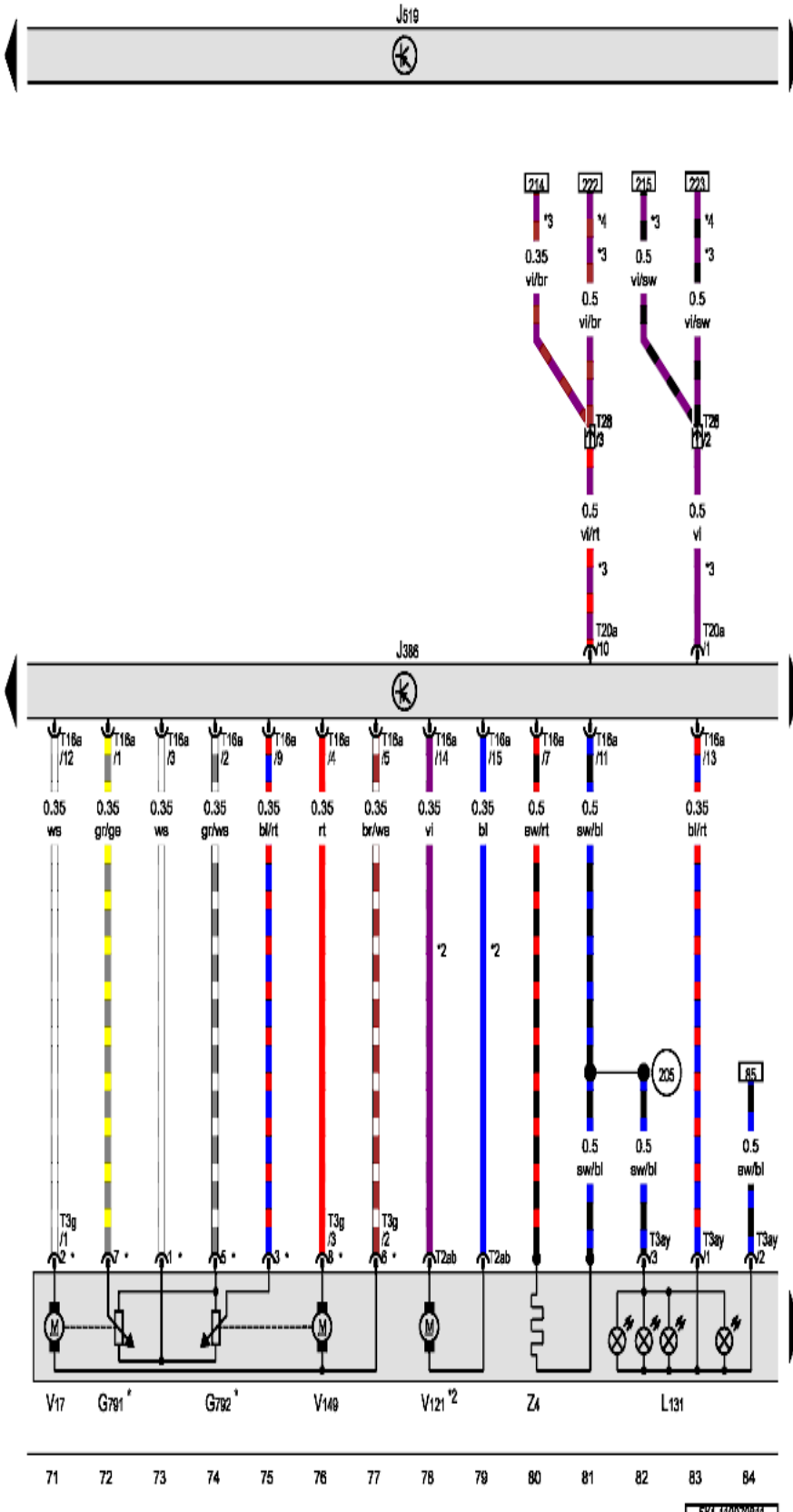
T3ay - 3-pin connector


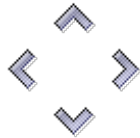

T3g - 3-pin connector

T16a - 16-pin connector

T20a - 20-pin connector

T28 - 28-pin



		connector, in the left A-pillar connector station 
	V17	- Driver mirror adjustment motor
	V121	- Driver exterior rearview mirror folding motor
	V149	- Driver mirror adjustment motor
	Z4	- Heated driver exterior rearview mirror
	205	- Ground connection (in driver door wiring harness)
	*	- Depending on equipment
	*2	- Only for vehicles with folding mirrors
	*3	- Only for vehicles with automatic dimming exterior rearview mirror
	*4	- Only for vehicles with high beam assist

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

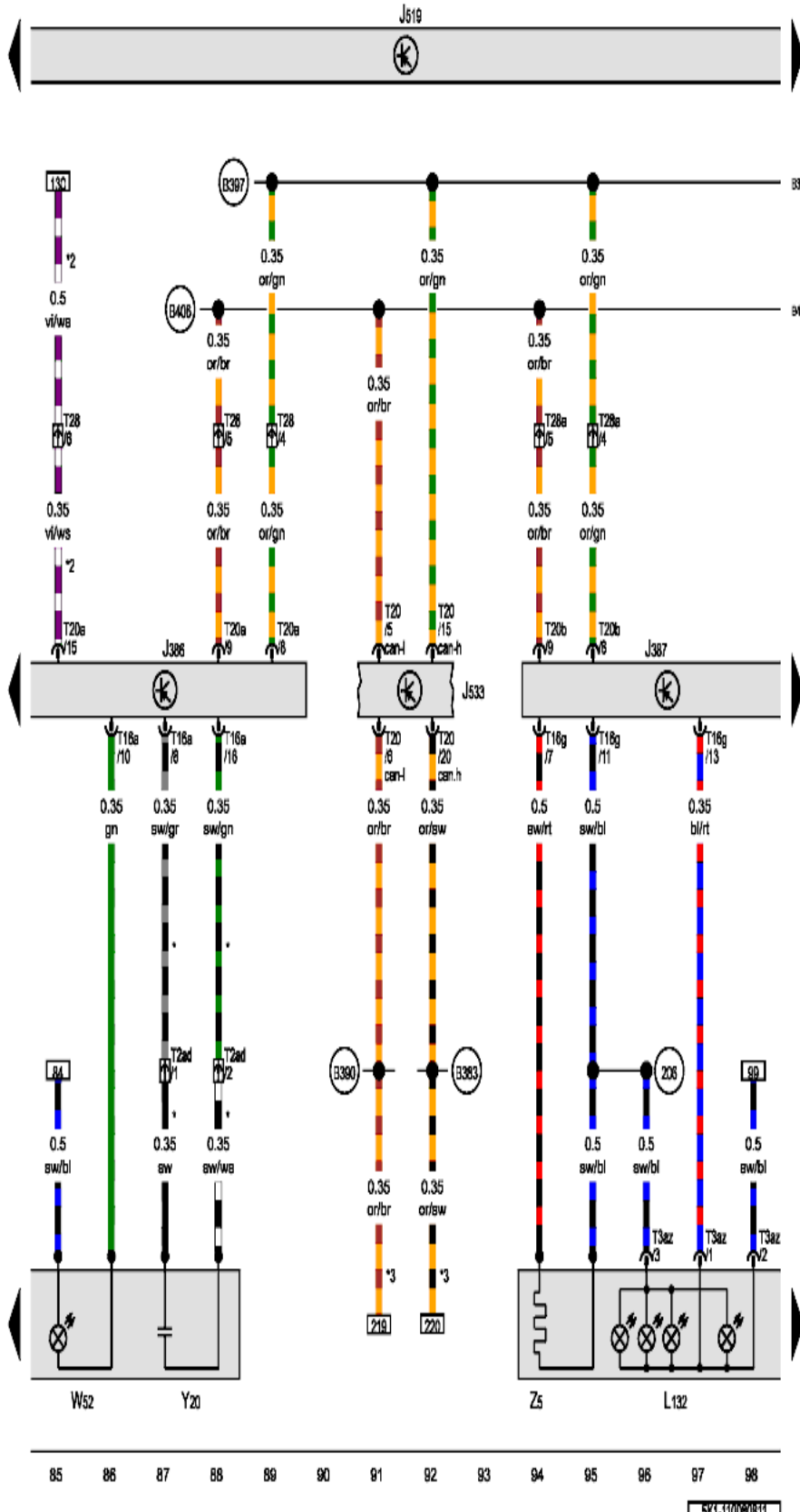
Golf


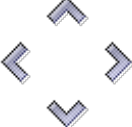

Wiring Diagram

No. 110 / 8

Driver door control module, Front passenger exterior rearview mirror turn signal bulb, Driver entry lamp in exterior rearview mirror, Driver automatic dimming exterior rearview mirror, Heated front passenger exterior rearview mirror

- J386- Driver door control module
- J387- Front passenger door control module
- J519 - Vehicle electrical system control module
- J533 - Data bus on board diagnostic interface
- L132 - Front passenger exterior rearview mirror turn signal bulb
- T2ad - Double connector, on the mirror
- T3az - 3-pin connector
- T16a - 16-pin connector
- T16g - 16-pin connector
- T20 - 20-pin connector
- T20a - 20-pin connector
- T20b - 20-pin connector
- T28 - 28-pin connector, in the left A-pillar connector station
- T28a - 28-pin



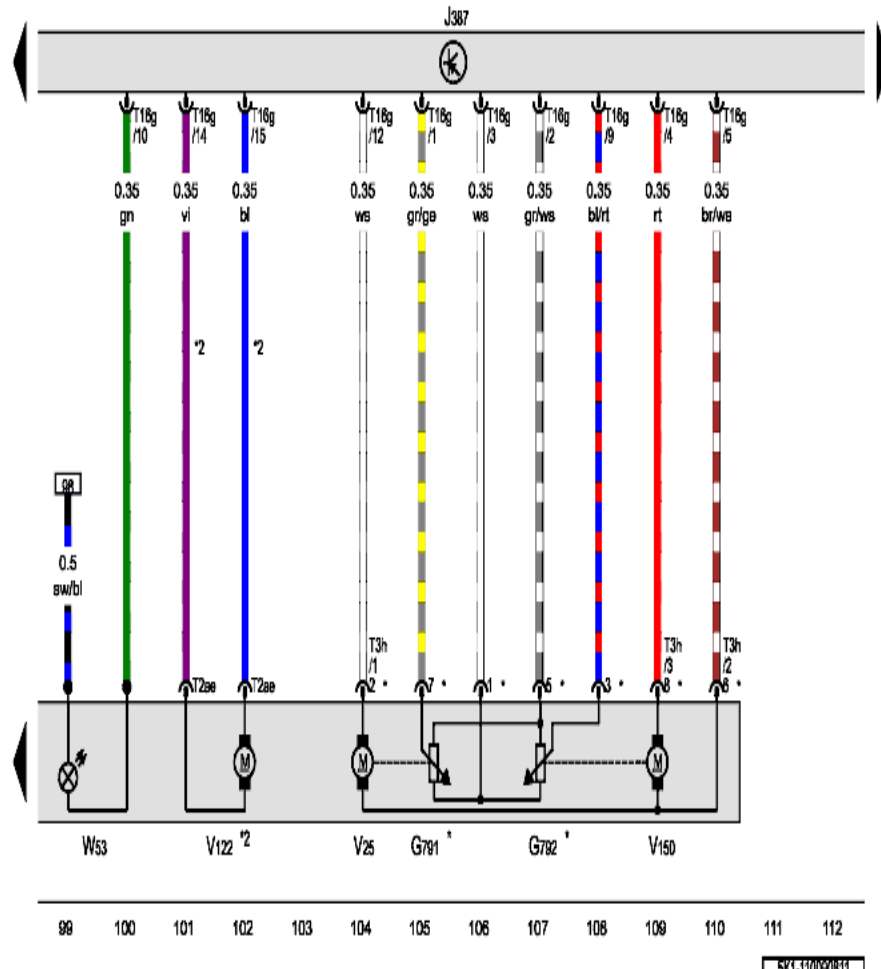
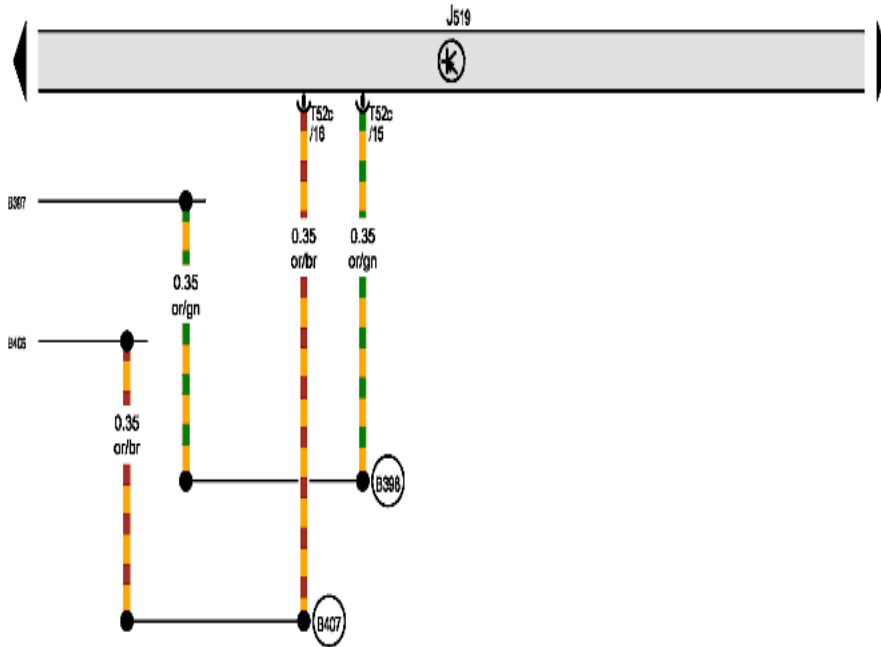
		connector, in the connector station, right A-pillar 
	W52	- Driver entry lamp in exterior rearview mirror
	Y20	- Driver automatic dimming exterior rearview mirror
	Z5	- Heated front passenger exterior rearview mirror
	206	- Ground connection (in front passenger door wiring harness)
	B383	- Powertrain CAN bus high connection 1 (in main wiring harness)
	B390	- Powertrain CAN bus low connection 1 (in main wiring harness)
	B397	- Comfort system CAN bus high connection 1 (in main wiring harness)
	B406	- Comfort system CAN bus low connection 1 (in main wiring harness)
<p>ws = white sw = black ro = red rt = red br = brown gn = green bl = blue gr = grey</p>	*	- Only for vehicles with automatic dimming exterior rearview

li = lilac		mirror
vi = lilac		- Only for
ge = yellow	*2	vehicles with
or = orange		rear power
rs = pink		windows
	*3	- Only for
		vehicles with
		high beam
		assist

Golf

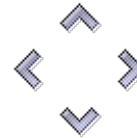
Wiring Diagram

No. 110 / 9



- Exterior rearview mirror horizontal adjustment position sensor, Exterior rearview mirror vertical adjustment position sensor, Front passenger mirror adjustment motor, Front passenger exterior rearview mirror folding motor, Front passenger entry lamp in exterior rearview mirror
- G791 - Exterior rearview mirror horizontal adjustment position sensor
- G792 - Exterior rearview mirror vertical adjustment position sensor
- J387 - Front passenger door control module
- J519 - Vehicle electrical system control module
- T2ae - Double connector
- T3h - 3-pin connector
- T16g - 16-pin connector
- T52c - 52-pin connector
- V25 - Front passenger mirror adjustment motor
- V122 - Front passenger exterior rearview mirror folding motor

- V150 - Front passenger mirror adjustment motor
- W53 - Front passenger entry lamp in exterior rearview mirror
- B397 - Comfort system CAN bus high connection 1 (in main wiring harness)
- B398 - Comfort system CAN bus high connection 2 (in main wiring harness)
- B406 - Comfort system CAN bus low connection 1 (in main wiring harness)
- B407 - Comfort system CAN bus low connection 2 (in main wiring harness)
- * - Depending on equipment
- *2 - Only for vehicles with folding mirrors



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 110 / 10

Front passenger door window regulator switch, Front passenger door contact switch, Front passenger central locking lock unit, Front passenger door central locking system motor, Front passenger window regulator motor

E107 - Front passenger door window regulator switch

F3 - Front passenger door contact switch

F221 - Front passenger central locking lock unit

J387 - Front passenger door control module

J519 - Vehicle electrical system control module

L76 - Push button illumination bulb

T4bb - 4-pin connector

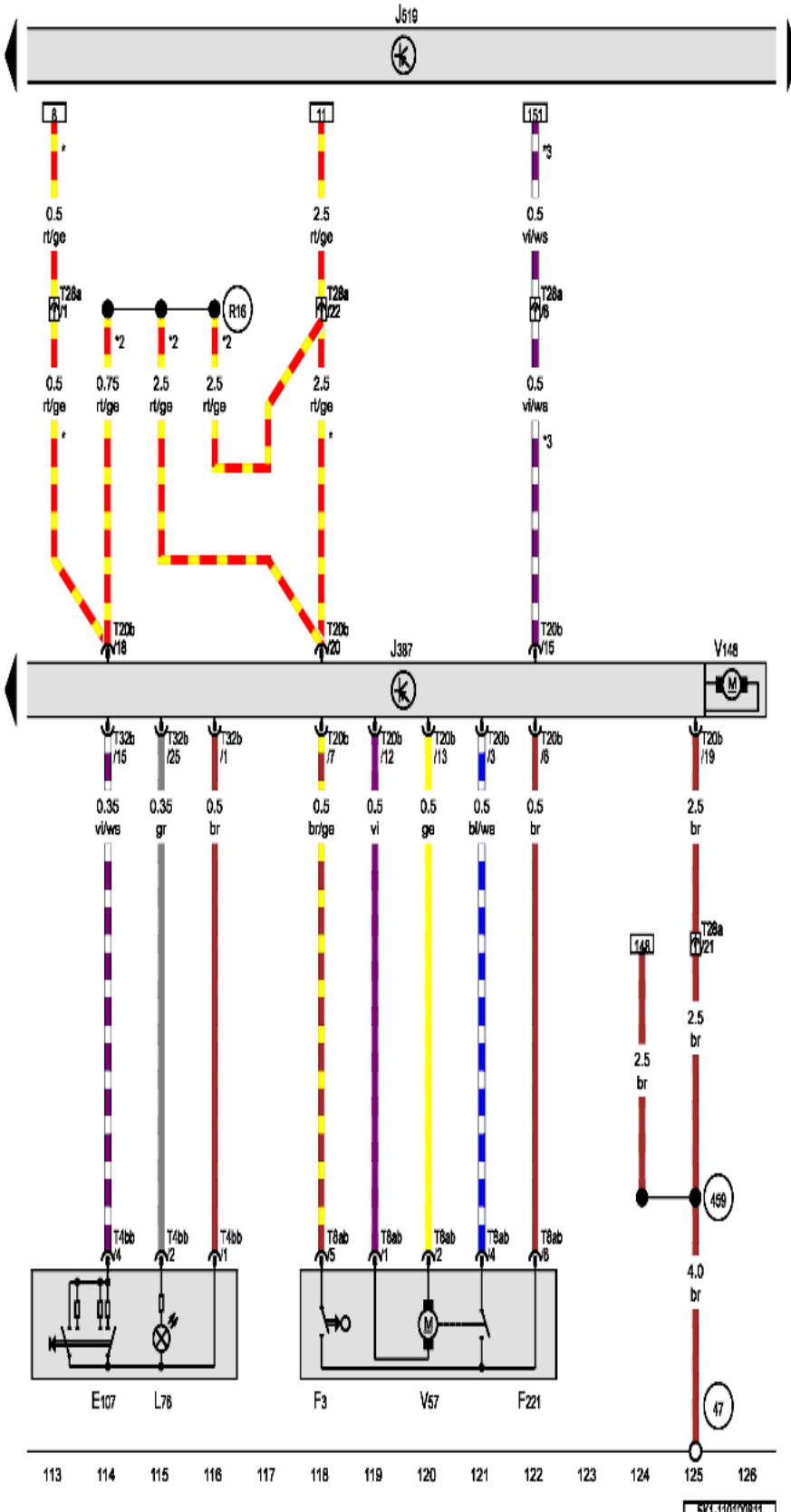
T8ab - 8-pin connector






T20b - 20-pin connector

T28a - 28-pin connector, in the connector station, right A-pillar

T32b - 32-pin connector

V57 - Front passenger door central locking system



- 

- 


- V148 - Front passenger window regulator motor
- 47 - Ground connection in right front footwell
- 459 - Ground connection 15 (in interior wiring harness)
- R16 - Positive connection 1 (30) (in front passenger door wiring harness)
- * - Through April 2011
- *2 - From May 2011
- *3 - Only for vehicles with rear power windows

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

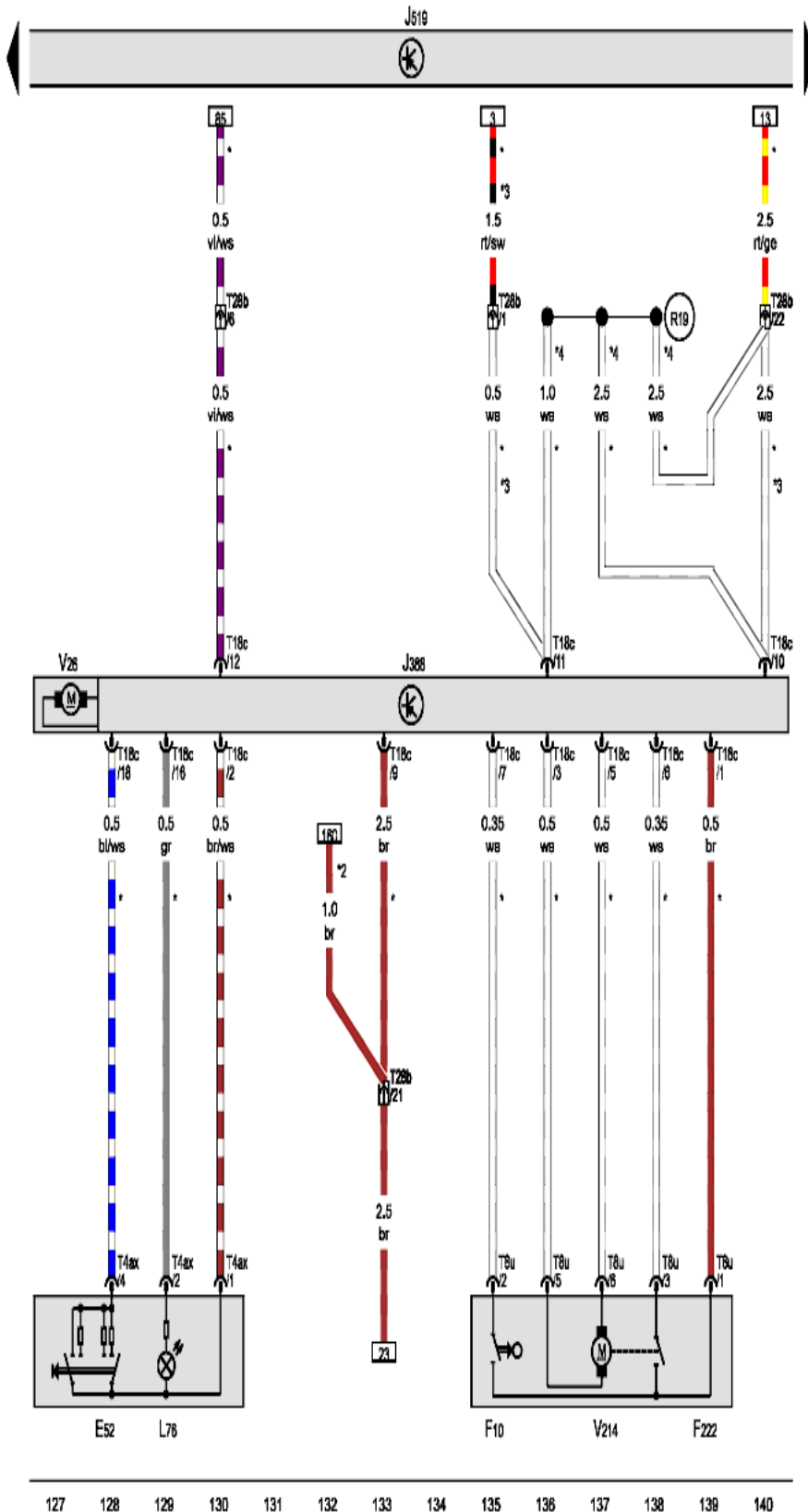
Golf



Wiring Diagram

No. 110 / 11

Left rear power window switch in left rear door, Left rear door contact switch, Left rear central locking lock unit, Left rear door control module, Left rear window regulator motor, Left rear central locking - lock- motor

- E52 - Left rear power window switch in left rear door
- F10 - Left rear door contact switch
- F222 - Left rear central locking lock unit
- J388 - Left rear door control module
- J519 - Vehicle electrical system control module
- L76 - Push button illumination bulb
- T4ax - 4-pin connector
- T8u - 8-pin connector
- T18c - 18-pin connector
- T28b - 28-pin connector, behind the lower left B-pillar trim
- V26 - Left rear window regulator motor
- V214 - Left rear central locking -lock- motor



		motor  
	R19	- Positive connection 1 (30) (in left rear door wiring harness)
ws = white		
sw = black		
ro = red		
rt = red		
br = brown	*	- Only for vehicles with rear power windows
gn = green		
bl = blue		
gr = grey		
li = lilac		
vi = lilac	*2	- Only for vehicles with front power windows
ge = yellow		
or = orange		
rs = pink		
	*3	- Through April 2011
	*4	- From May 2011

Golf

Wiring Diagram

No. 110 / 12

Right rear window switch in right rear door, Right rear door contact switch, Right rear central locking lock unit, Right rear door control module, Right rear window regulator motor, Right rear central locking -lock- motor E54

F11 - Right rear window switch in right rear door

F223 - Right rear door contact switch

F223 - Right rear central locking lock unit

J389 - Right rear door control module

J519 - Vehicle electrical system control module

L76 - Push button illumination bulb

T4ay - 4-pin connector

T8t - 8-pin connector

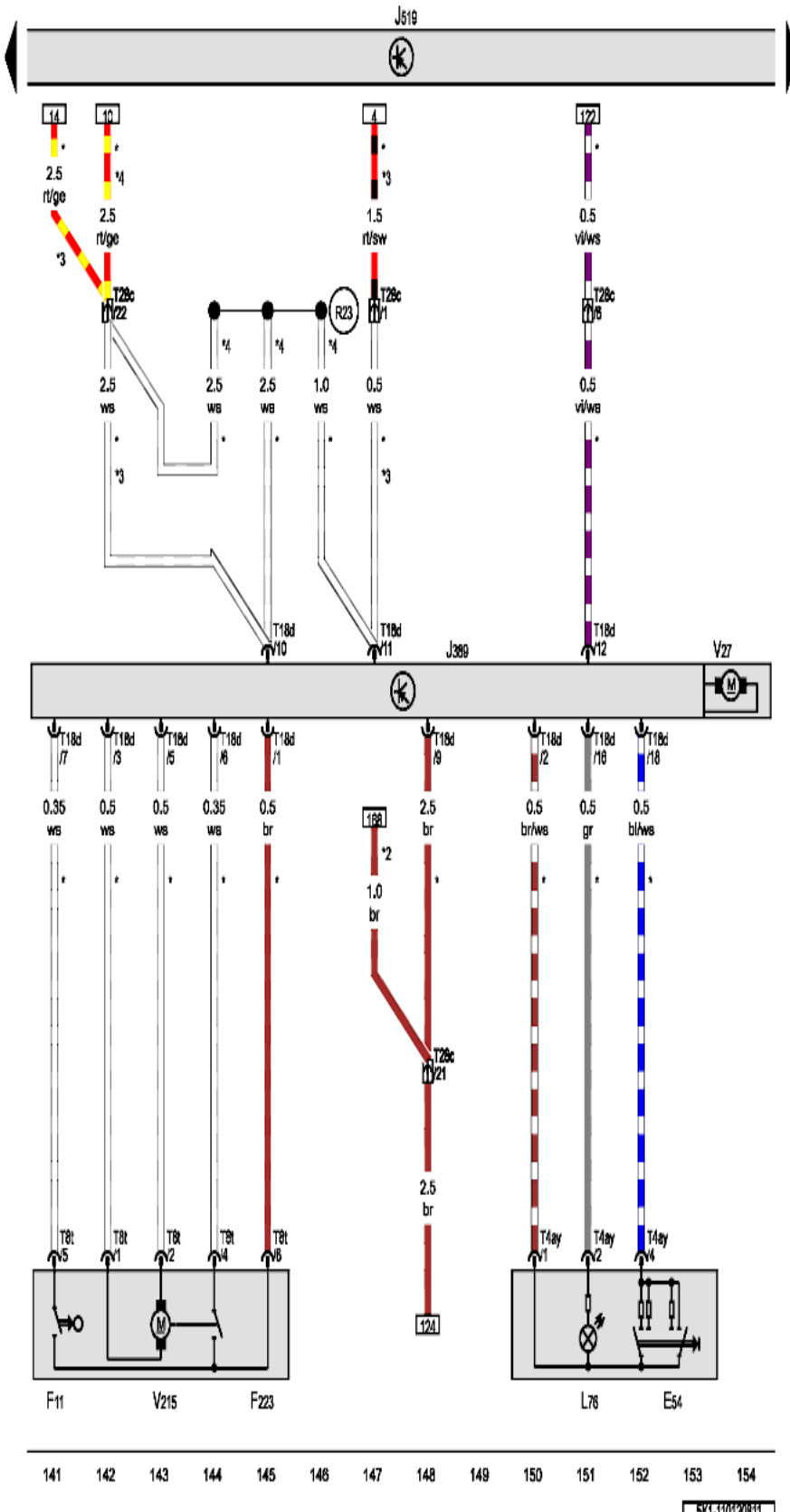
T18d - 18-pin connector

T28c - 28-pin connector, behind the lower right B-pillar trim

V27 - Right rear window regulator motor

V215 - Right rear central locking -lock- motor

R23 - Positive



connection 1
(30) (in right
rear door
wiring
harness)

ws = white
sw = black
ro = red
rt = red
br = brown *
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac *2
ge = yellow
or = orange
rs = pink

- Only for
vehicles with
rear power
windows

- Only for
vehicles with
front power
windows

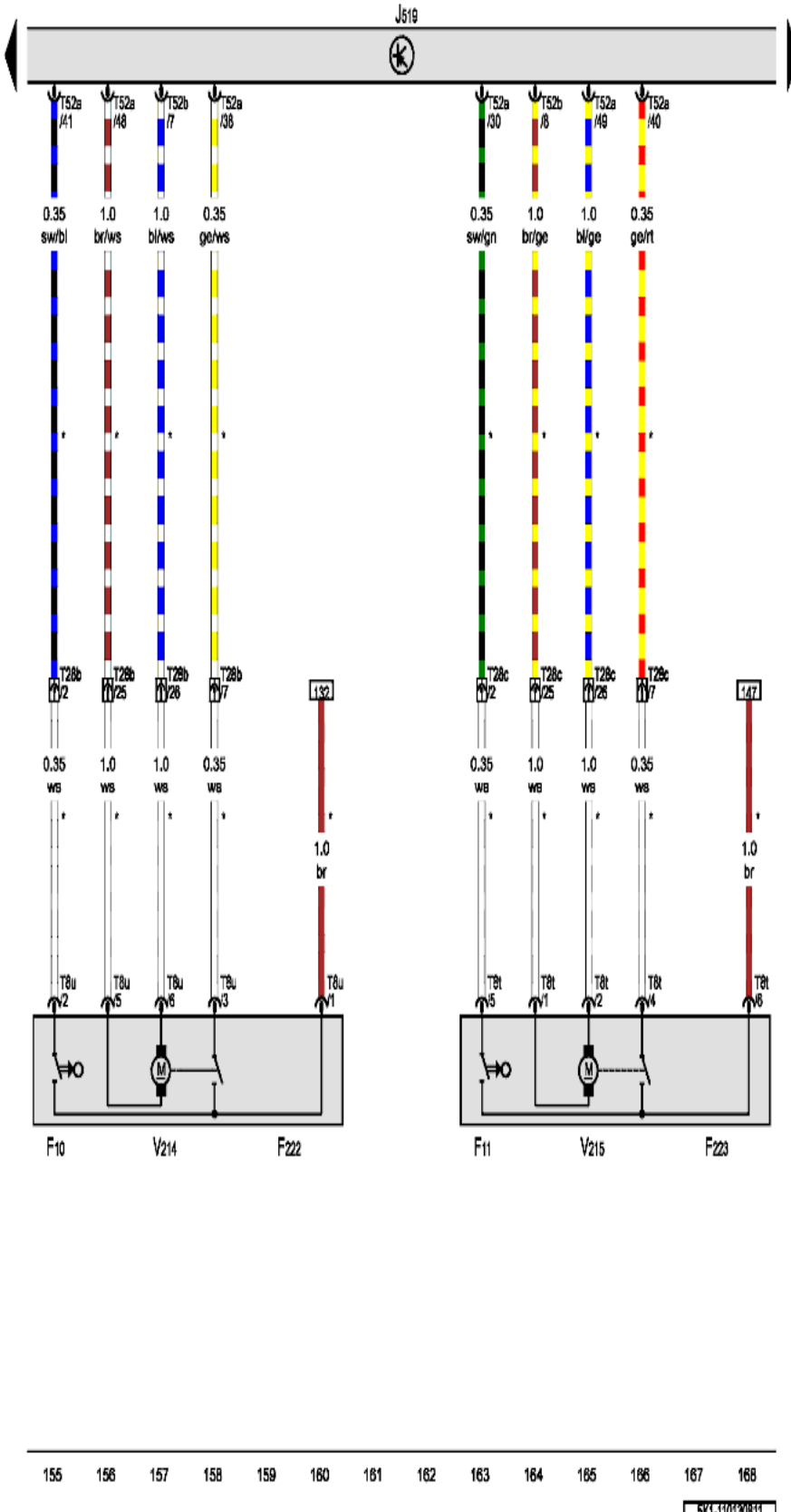
*3 - Through
April 2011

*4 - From May
2011









Golf


Wiring Diagram

No. 110 / 13








Left rear door contact switch, Right rear door contact switch, Left rear central locking lock unit, Right rear central locking lock unit, Left rear central locking -lock- motor, Right rear central locking -lock- motor

- F10 - Left rear door contact switch  
- F11 - Right rear door contact switch  
- F222 - Left rear central locking lock unit  
- F223 - Right rear central locking lock unit  

J519 - Vehicle electrical system control module 





- T8t - 8-pin connector
- T8u - 8-pin connector
- T28b - 28-pin connector, behind the lower left B-pillar trim 
- T28c - 28-pin connector, behind the lower right B-pillar trim 

- T52a - 52-pin connector
- T52b - 52-pin connector
- V214 - Left rear central locking -lock- motor  
- V215 - Right rear 

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac

ge = yellow
or = orange
rs = pink

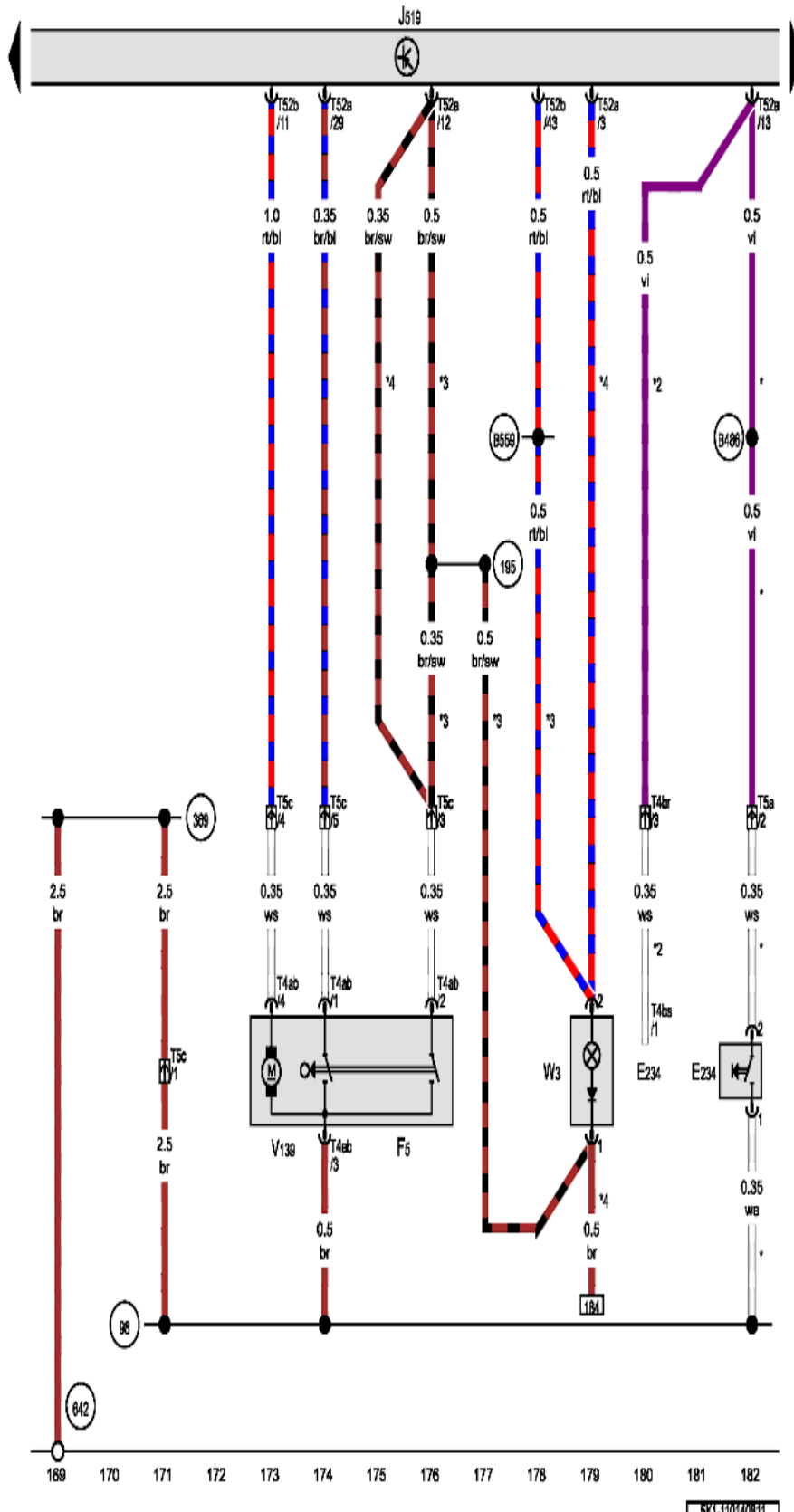
central locking
-lock-
motor  
*
- Only for
vehicles with
front power
windows

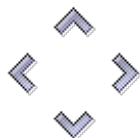



Golf

Wiring Diagram

No. 110 / 14

- Release button in rear lid handle, Luggage compartment lamp switch, Rear lid unlock motor, Luggage compartment lamp**
- E234 - Release button in rear lid handle
- F5 - Luggage compartment lamp switch
- J519 - Vehicle electrical system control module
- T4ab - 4-pin connector
- T4br - 4-pin connector, behind the right C-pillar trim panel
- T4bs - 4-pin connector
- T5a - 5-pin connector, in the left rear side panel
- T5c - 5-pin connector, in the left rear side panel
- T52a - 52-pin connector
- T52b - 52-pin connector
- V139 - Rear lid unlock motor
- W3 - Luggage compartment lamp
- 98 - Ground connection (in rear lid wiring harness)
- 195 - Ground



		connection (in rear door contact switch wiring harness)
	369	- Ground connection 4 (in main wiring harness)
	642	- Electronic fan control ground connection
	B486	- Connection 22 (in main wiring harness)
	B559	- Positive connection 1 (30g) (in main wiring harness)
ws = white sw = black ro = red rt = red br = brown gn = green bl = blue gr = grey li = lilac vi = lilac ge = yellow or = orange rs = pink	*	- Only for vehicles without a rearview camera system
	*2	- Only for vehicles with a rearview camera system
	*3	- Through April 2011
	*4	- From May 2011

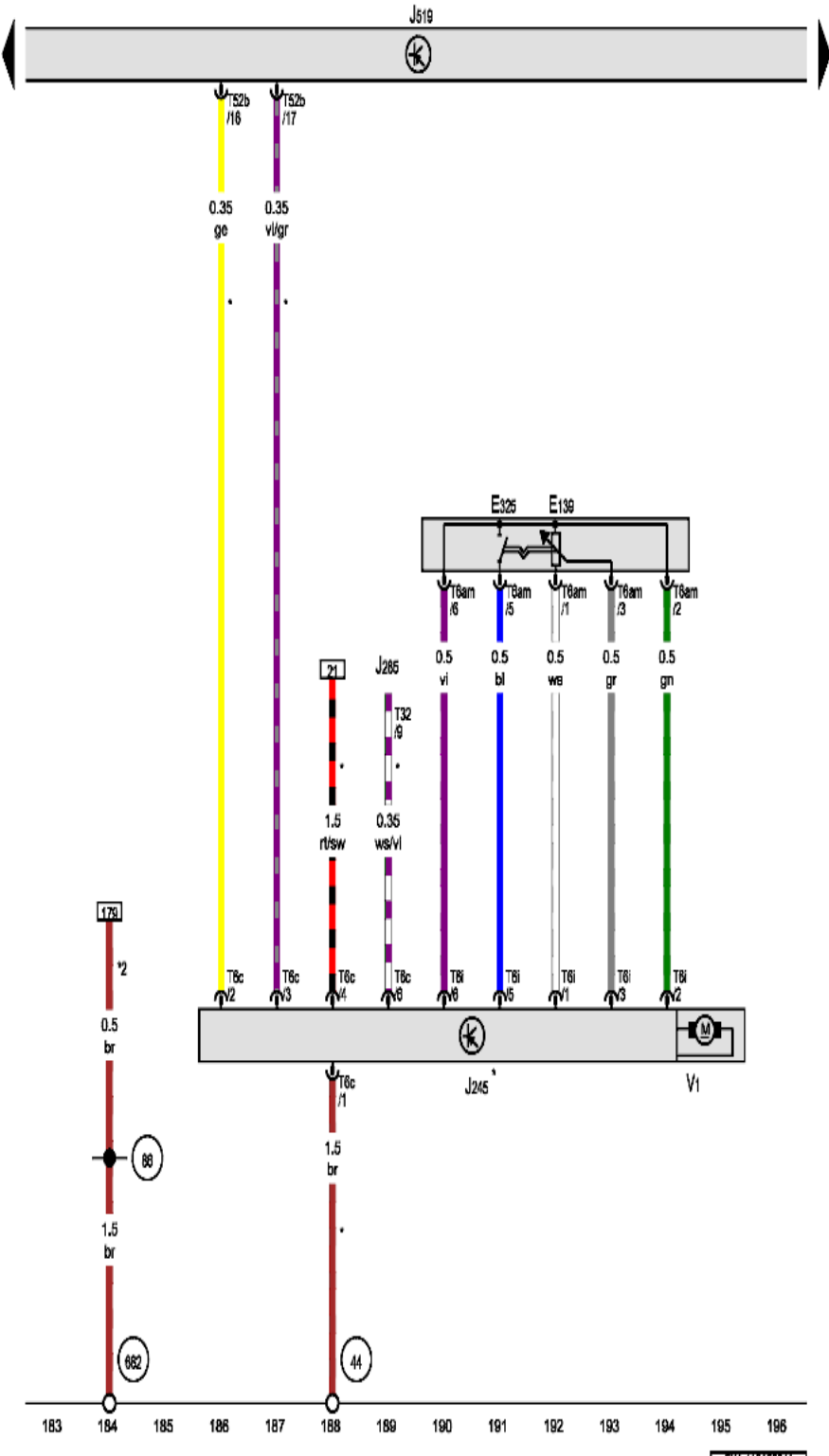
Golf

Wiring Diagram

No. 110 / 15

Sunroof adjustment regulator, Sunroof button, Power sunroof control module, Sunroof motor

- E139 - Sunroof adjustment regulator
- E325 - Sunroof button
- J245- Power sunroof control module
- J285 - Instrument cluster control module
- J519 - Vehicle electrical system control module
- T6am - 6-pin connector
- T6c - 6-pin connector
- T6i - 6-pin connector
- T32 - 32-pin connector
- T52b - 52-pin connector
- V1 - Sunroof motor



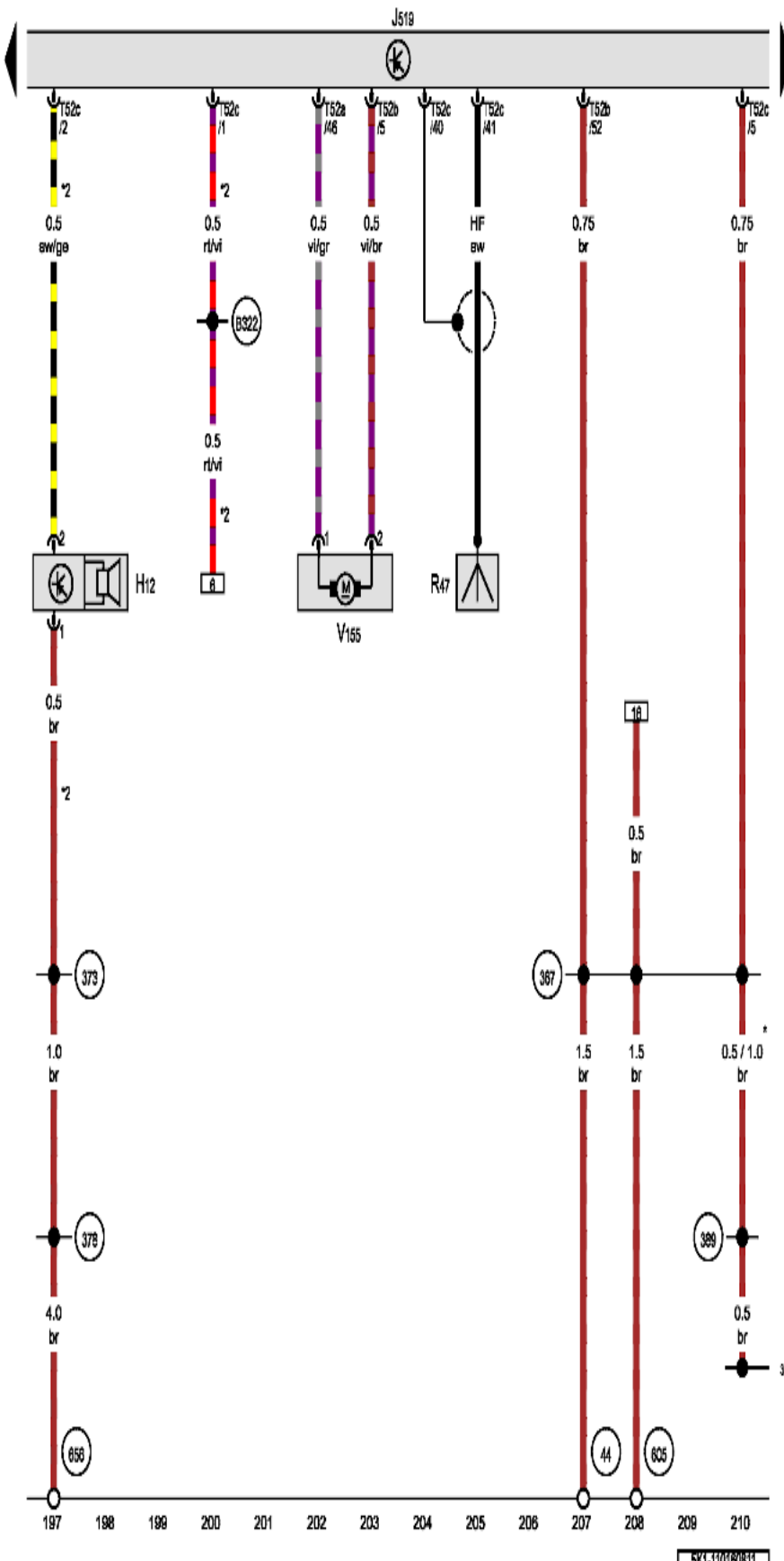
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

- 44 - Ground connection on A-pillar, lower left
- 86 - Ground connection 1 (in rear wiring harness)
- 682 - Ground connection 2 in right rear side panel
- * - Only for vehicles with a sunroof
- *2 - From May 2011

Golf

Wiring Diagram

No. 110 / 16



Alarm horn, Central locking and anti-theft alarm system antenna, Fuel filler door unlock motor

- H12 - Alarm horn
- J519 - Vehicle electrical system control module
- R47 - Central locking and anti-theft alarm system antenna
- T52a - 52-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- V155 - Fuel filler door unlock motor
- 44 - Ground connection on A-pillar, lower left
- 367 - Ground connection 2 (in main wiring harness)
- 373 - Ground connection 8 (in main wiring harness)
- 378 - Ground connection 13 (in main wiring harness)
- 380 - Ground connection 15 (in main wiring harness)
- 389 - Ground connection 24 (in main wiring harness)
- 605 - Ground connection on upper steering




ws = white		column
sw = black		
ro = red	656	- Ground connection on right headlamp
rt = red		
br = brown		
gn = green		
bl = blue		
gr = grey	B322	- Positive connection 8 (30a) (in main wiring harness)
li = lilac		
vi = lilac		
ge = yellow		
or = orange	*	- From May 2011
rs = pink	*2	- For vehicles with anti-theft alarm system

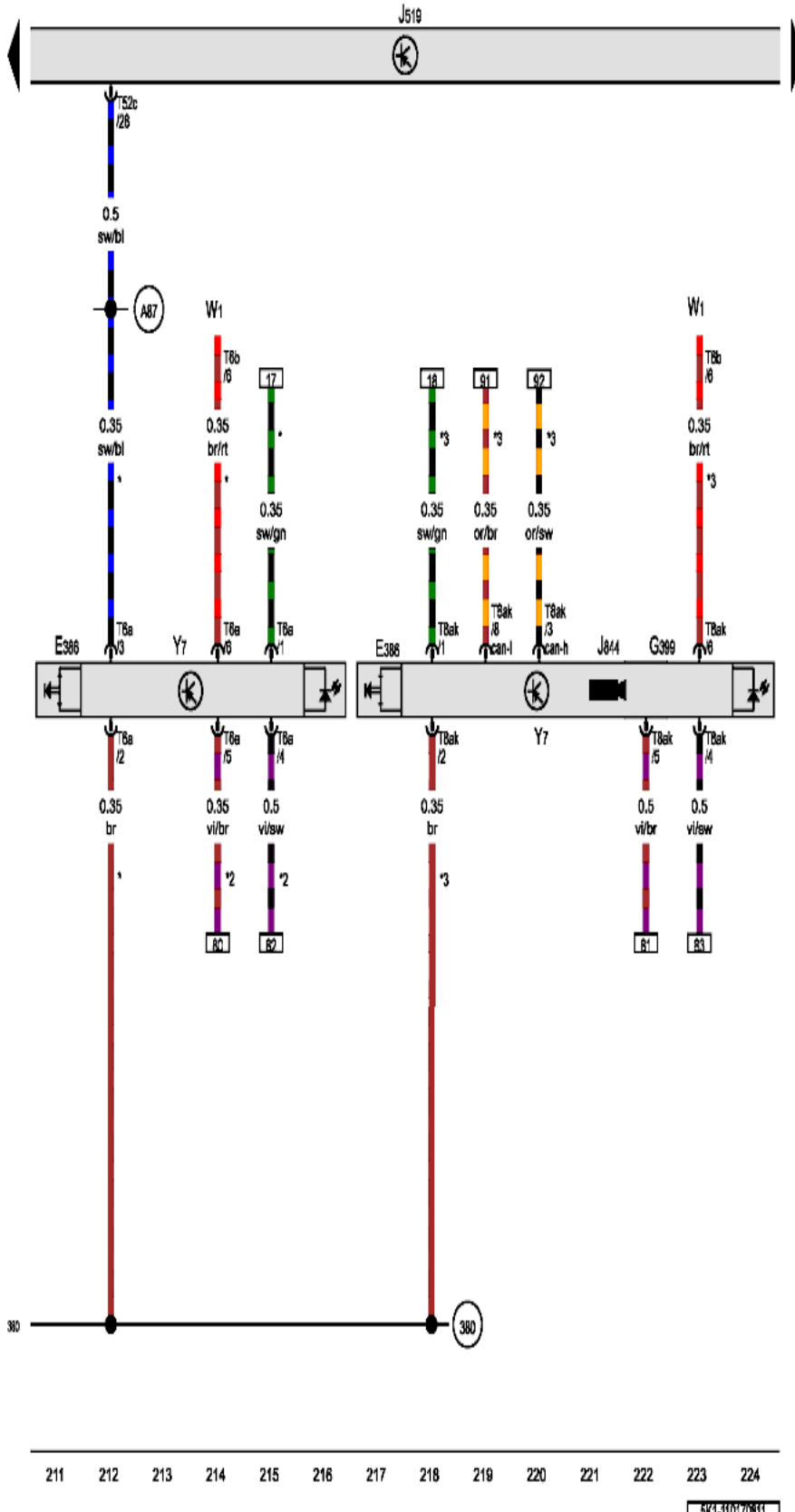
Golf

Wiring Diagram

No. 110 / 17

Automatic dimming interior rearview mirror switch, Light recognition sensor, Automatic high beam assist control module, Automatic dimming interior rearview mirror

- E386 - Automatic dimming interior rearview mirror switch
- G399 - Light recognition sensor
- J519 - Vehicle electrical system control module 
- J844 - Automatic high beam assist control module
- T6a - 6-pin connector 
- T6b - 6-pin connector 
- T8ak - 8-pin connector
- T52c - 52-pin connector
- W1 - Front interior lamp
- Y7 - Automatic dimming interior rearview mirror
- 380 - Ground connection 15 (in main wiring harness)
- A87 - Back-up lamp connection (in instrument panel wiring harness)
- * - Only for vehicles with automatic dimming



ws = white



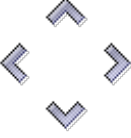







sw = black		interior
ro = red		rearview
rt = red		mirror
br = brown		
gn = green	*2	- Only for
bl = blue		vehicles with
gr = grey		automatic
li = lilac		dimming
vi = lilac		exterior
ge = yellow		rearview
or = orange		mirror
rs = pink		
	*3	- Only for
		vehicles with
		high beam
		assist

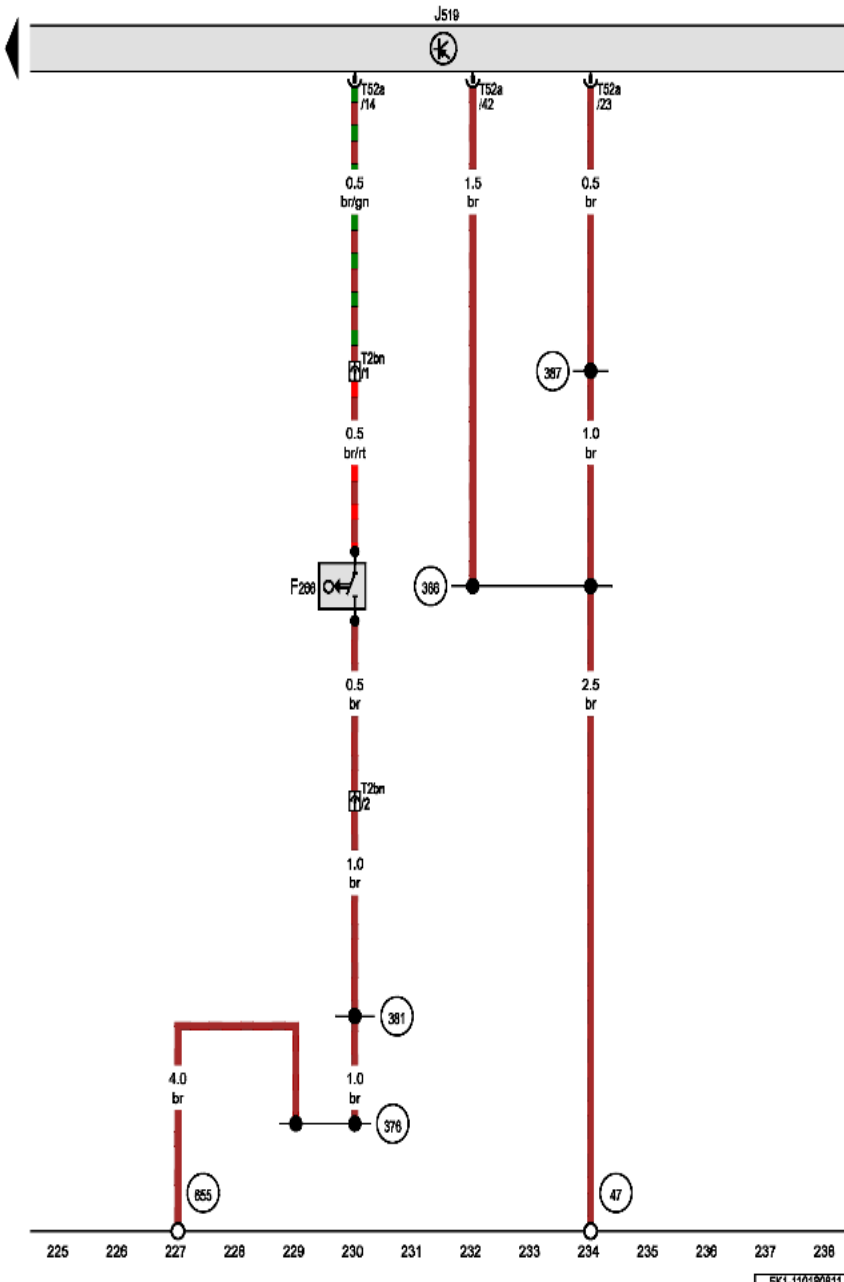
Golf

Wiring Diagram

No. 110 / 18

Engine hood contact switch

- F266 - Engine hood contact switch 
- J519 - Vehicle electrical system control module 
- T2bn - Double connector, near the left headlamp 
- T52a - 52-pin connector 
- 47 - Ground connection in right front footwell 
- 366 - Ground connection 1 (in main wiring harness) 
- 376 - Ground connection 11 (in main wiring harness) 
- 381 - Ground connection 16 (in main wiring harness) 
- 387 - Ground connection 22 (in main wiring harness) 
- 655 - Ground connection on left headlamp 



Golf

Wiring Diagram

No. 56 / 1

01.2012

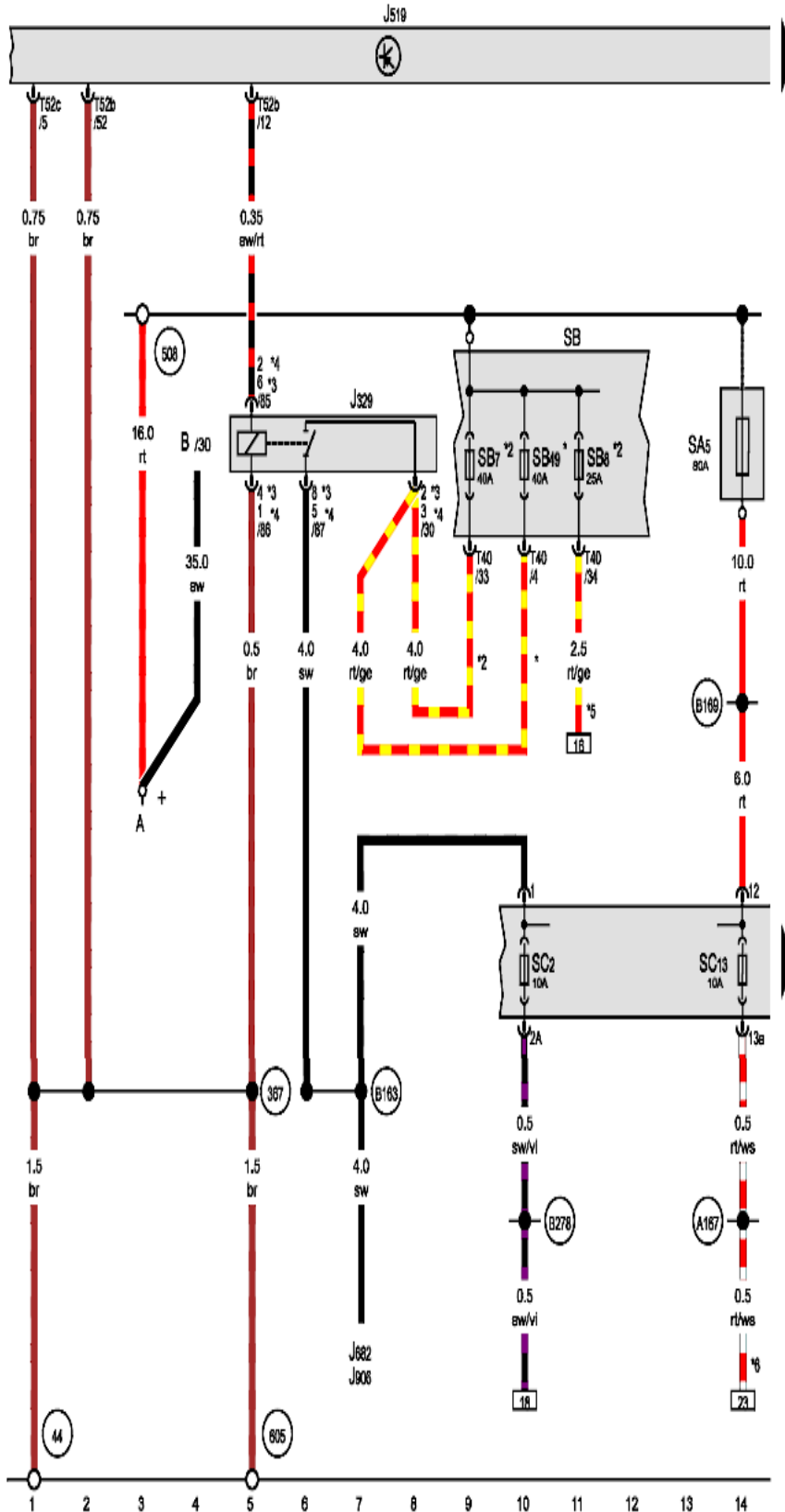
Compass

from May 2009

Golf


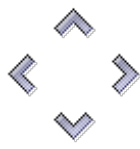


Wiring Diagram

No. 56 / 2



Terminal 15 power supply relay, Fuse panel B, Fuse 2 (on fuse panel C), Fuse 5 (on fuse panel A), Fuse 13 (on fuse panel C)

- A - Battery
- B - Starter
- J329 - Terminal 15 power supply relay
- J519 - Vehicle electrical system control module
- J682 - Terminal 50 power supply relay
- J906 - Starter relay 1
- SB - Fuse panel B
- SC2 - Fuse 2 (on fuse panel C)
- SA5 - Fuse 5 (on fuse panel A)
- SB7 - Fuse 7 (on fuse panel B)
- SB8 - Fuse 8 (on fuse panel B)
- SC13 - Fuse 13 (on fuse panel C)
- SB49 - Fuse 49 (on fuse panel B)
- T40 - 40-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- 44 - Ground connection on A-pillar, lower left
- 367 - Ground connection 2

- (in main wiring harness)
- 508 - Terminal 30 threaded connection (on E-box)
- 605 - Ground connection on upper steering column 
- A167 - Positive connection 3 (30a) (in instrument panel wiring harness)
-  B163 - Positive connection 1 (15) (in interior wiring harness)
-  B169 - Positive connection 1 (30) (in interior wiring harness)
-  B278 - Positive connection 2 (15a) (in main wiring harness)
- * - E-Box high
- *2 - E-Box low
- *3 - Through October 2009
- *4 - From November 2009
- *5 - Only for vehicles with Start/Stop system
- *6 - Only for vehicles without Start/Stop system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

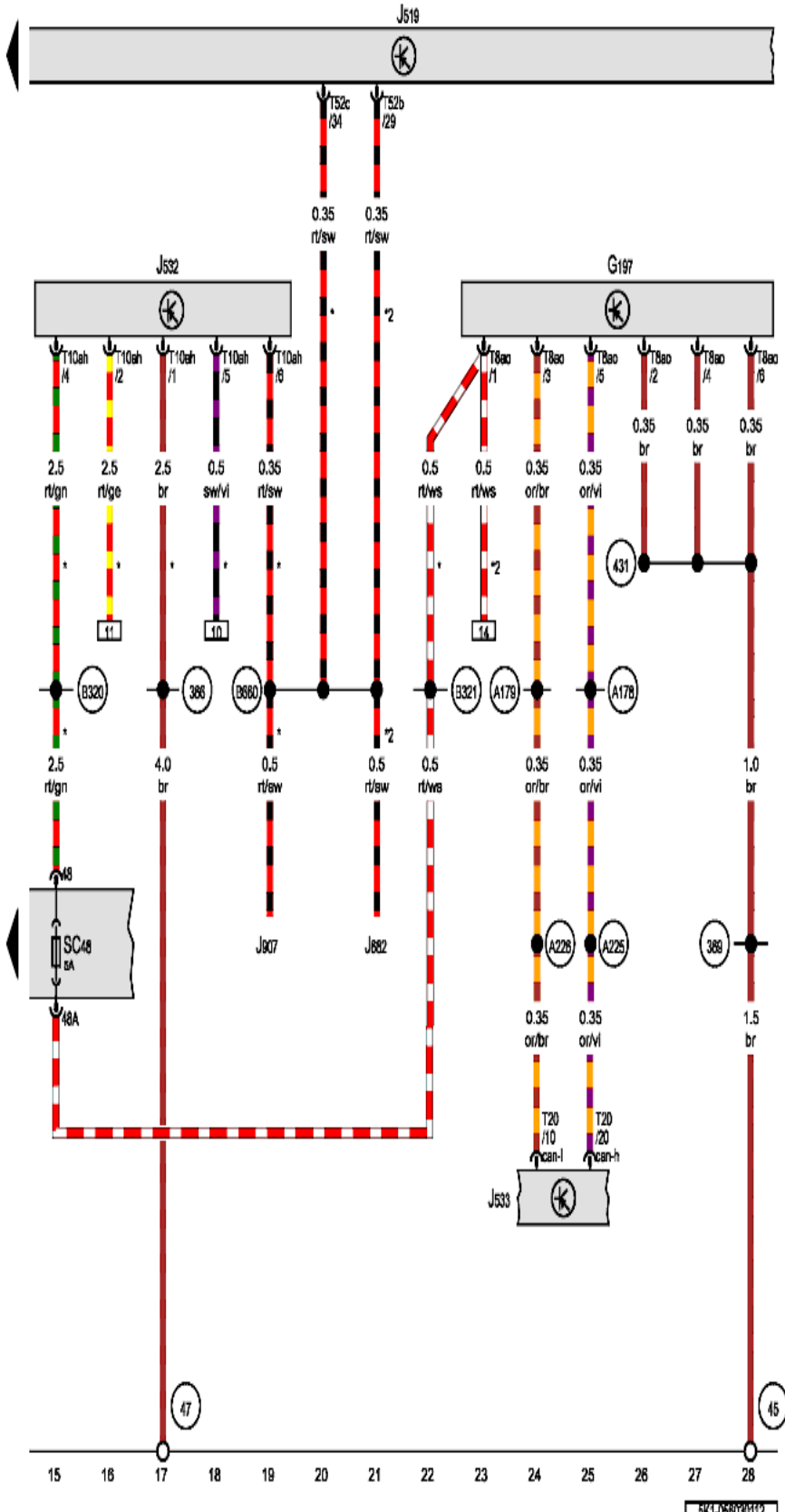
Golf

Wiring Diagram

No. 56 / 3

Compass magnetic field sensor, Voltage stabilizer, Data bus on board diagnostic interface, Fuse 48 (on fuse panel C)

- G197 - Compass magnetic field sensor
- J519 - Vehicle electrical system control module
- J532 - Voltage stabilizer
- J533 - Data bus on board diagnostic interface, in the left footwell, near the center console
- J682 - Terminal 50 power supply relay
- J907 - Starter relay 2
- SC48 - Fuse 48 (on fuse panel C)
- T8ao - 8-pin connector
- T10ah - 10-pin connector
- T20 - 20-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- 45 - Ground connection behind instrument panel, center
- 47 - Ground connection in right front footwell
- 366 - Ground connection 1 (in main wiring)



- 369 - harness)
- Ground connection 4 (in main wiring harness)
- 431 - Ground connection 2 (in roof wiring harness)
- A178 - Infotainment CAN bus high connection (in instrument panel wiring harness)
- A179 - Infotainment CAN bus low connection (in instrument panel wiring harness)
- A225 - Infotainment CAN bus high connection 2 (in instrument panel wiring harness)
- A226 - Infotainment CAN bus low connection 2 (in instrument panel wiring harness)
- B320 - Positive connection 6 (30a) (in main wiring harness)
- B321 - Positive connection 7 (30a) (in main wiring harness)
- B660 - Diagnostic terminal 50 connection (in main wiring harness)
- * - Only for vehicles with Start/Stop



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange

rs = pink

*2

system
- Only for
vehicles
without
Start/Stop
system

Golf**Component Locations****No. 854 / 1**

Edition 06.2009

Airbag Systems

- ◆ Airbag Systems Overview → [Chapter](#)
- ◆ Airbag Crash Sensors → [Chapter](#)
- ◆ Passive Occupant Detection System → [Chapter](#)
- ◆ Seat Belt Tensioners → [Chapter](#)

Golf

Component Locations

No. 854 / 2

Airbag Systems Overview

Components A - C are not shown in the overview

A - Airbag Spiral Spring/Return Spring With Slip Ring -F138-
→ Fig.

- Located in the steering column

B - Driver Knee Airbag Igniter - N295- from MY 2009 (if applicable) → Fig.

- Located in the knee bolster

C - Front Passenger Knee Airbag Igniter -N296- (if applicable)

- Located in the glove compartment with knee bolster

1 - Airbag igniter on driver side - N95- and Airbag igniter 2 on driver side -N250- - integrated

- Located in the steering column

2 - Airbag warning lamp -K75-

- Located in the instrument cluster

3 - Airbag igniter 1 on front passenger side -N131- and Airbag igniter 2 on front passenger side -N132- - integrated

- located under the passenger side dash board

4 - Side airbag igniter on driver side -N199-

- Located left side driver seat

5 - Side airbag igniter on front passenger side -N200-

- Located right side front passenger seat

6 - Rear side airbag igniter on driver side -N201-

- Located left side of the rear driver-side seat

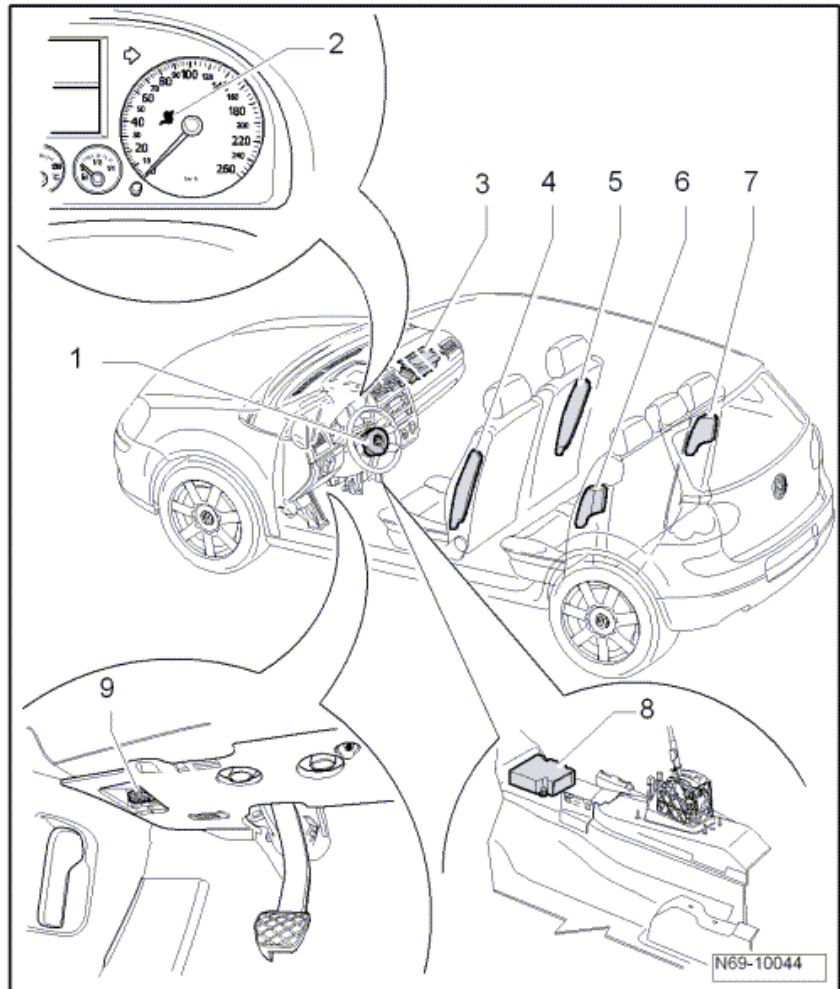
7 - Rear side airbag igniter on front passenger side -N202-

- Located right side of the rear passenger -side seat

8 - Airbag control unit -J234-

- Located behind the front center console

9 - Diagnostic connector



Golf

Component Locations

No. 854 / 3

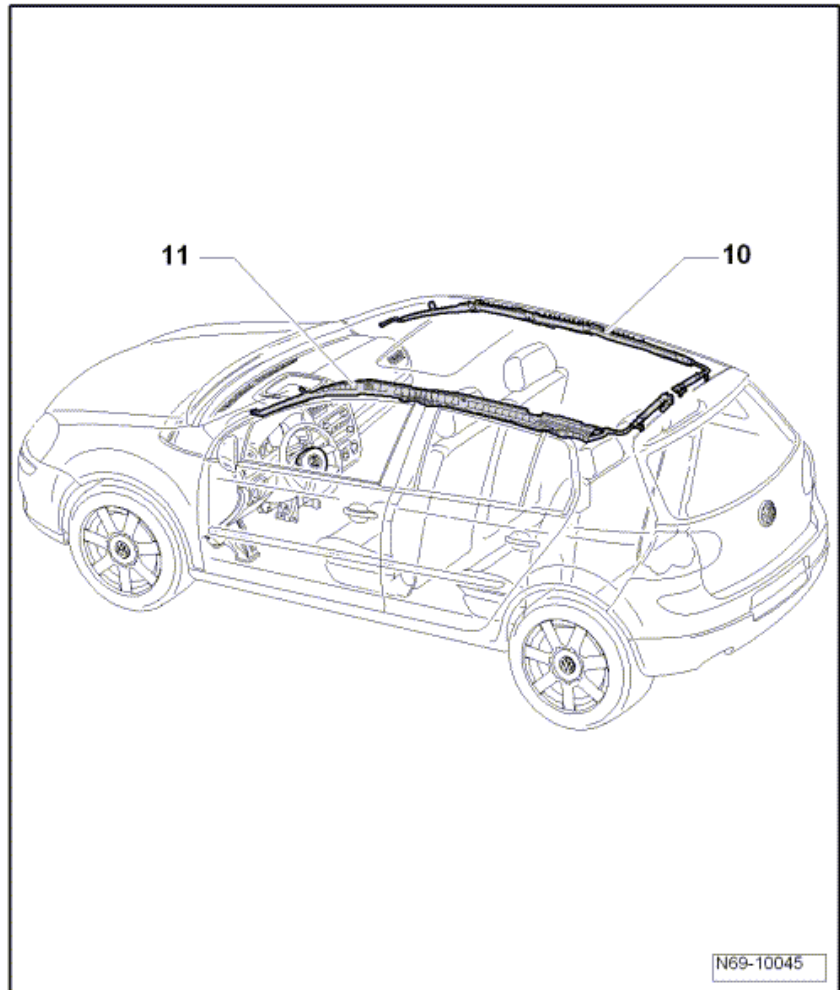
Airbag Systems Overview continued

10 - Front passenger side curtain airbag igniter -N252-

- ❑ Located on the passenger-side right roof rail

11 - Driver side curtain airbag igniter -N251-

- ❑ Located on the driver-side left roof rail



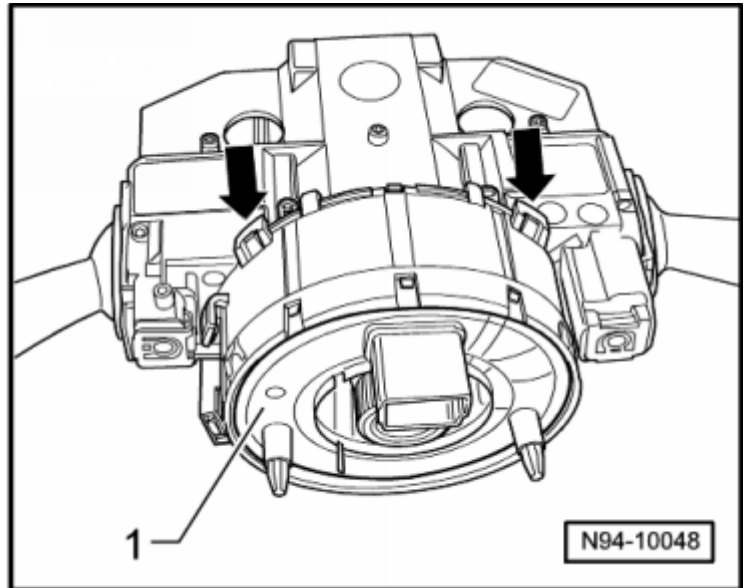
Golf

Component Locations

No. 854 / 4

Airbag Spiral Spring/Return Spring With Slip Ring

- 1 - Airbag Spiral Spring/Return Spring With Slip Ring -F138-



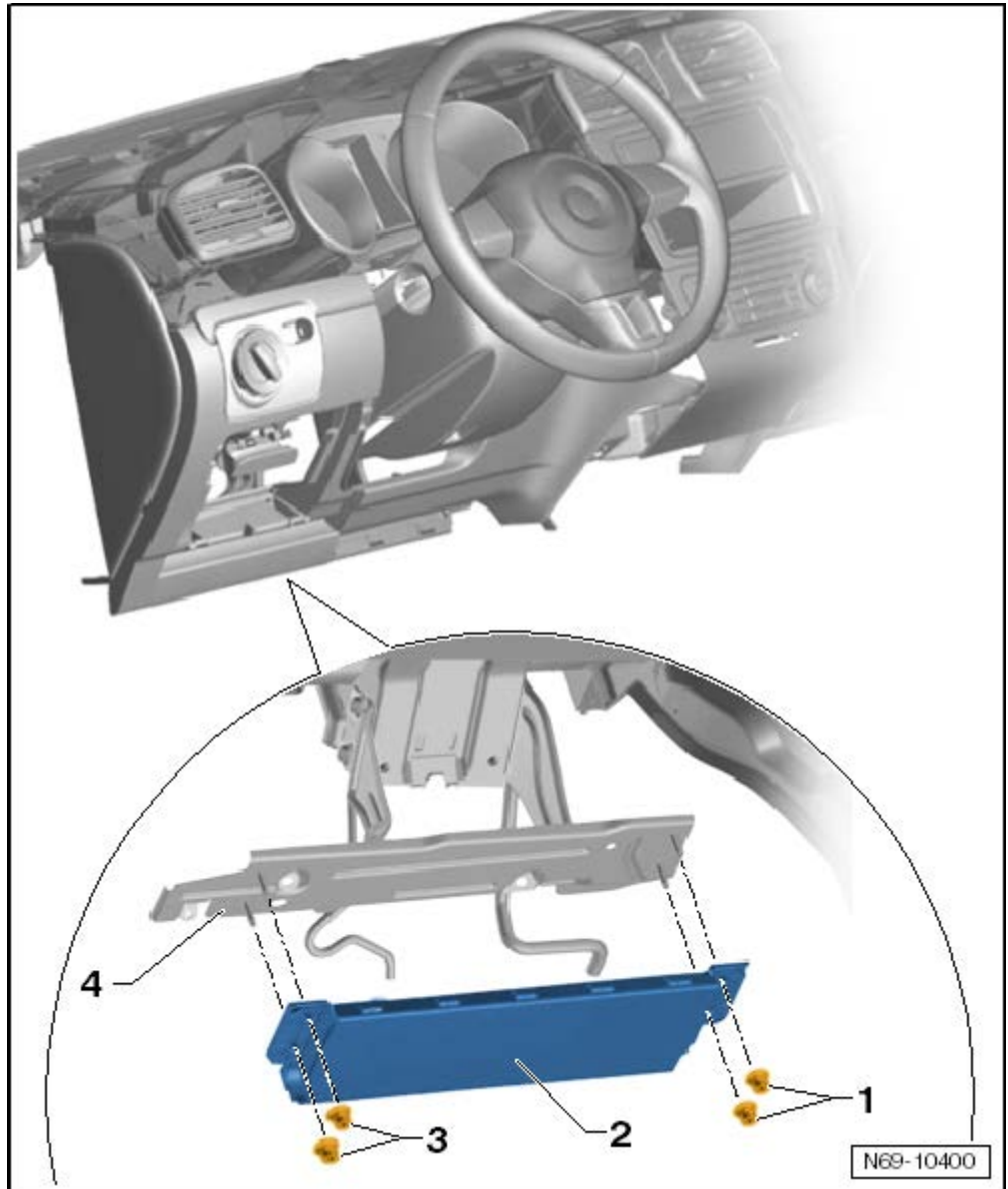
Golf

Component Locations

No. 854 / 5

Knee Airbag, from MY 2009

2 - Driver Knee Airbag Igniter -N295-



Golf

Component Locations

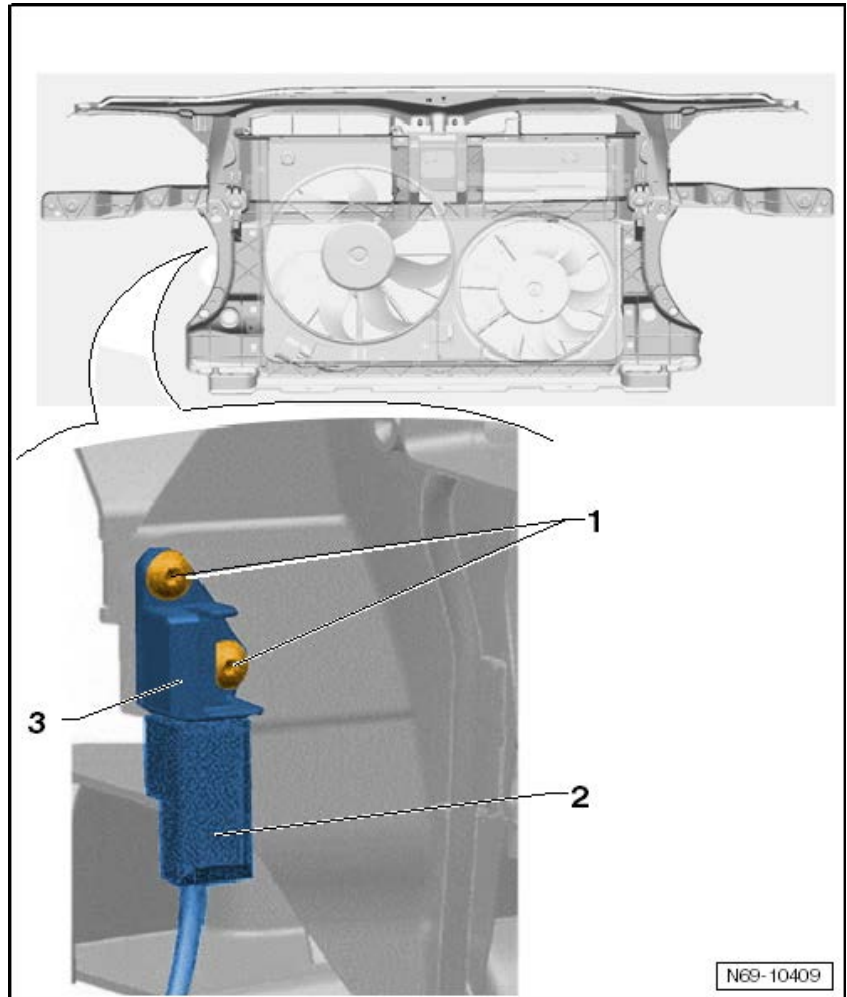
No. 854 / 6

Airbag Crash Sensors

Front Airbag Crash Sensors

3 - Driver Front Airbag Crash Sensor -G283-

- Mounted next between radiator and headlamp.
- Front Passenger Front Airbag Crash Sensor -G284- not shown, mounted similarly



Golf

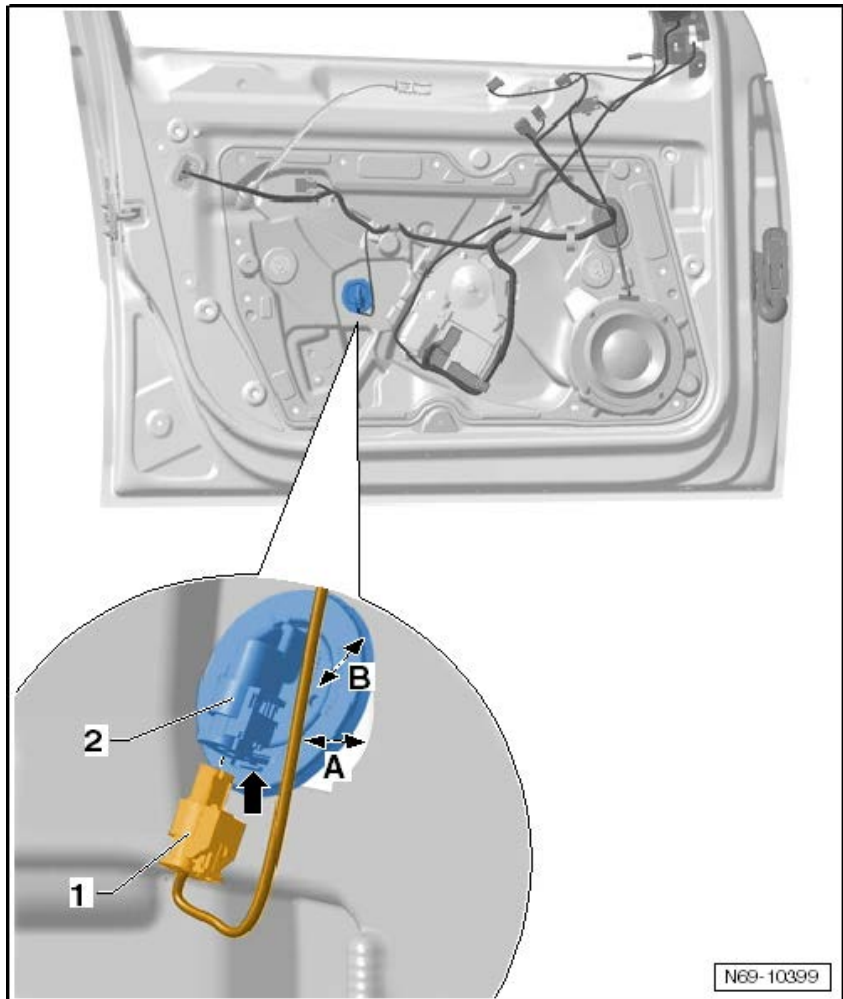
Component Locations

No. 854 / 7

Front Side Airbag Crash Sensors

3 - Side airbag crash sensor on driver side -G179- and Side airbag crash sensor on front passenger side -G180-

- Driver and passenger side crash sensors are similarly located in the outer door panel subframe



N69-10399

Golf

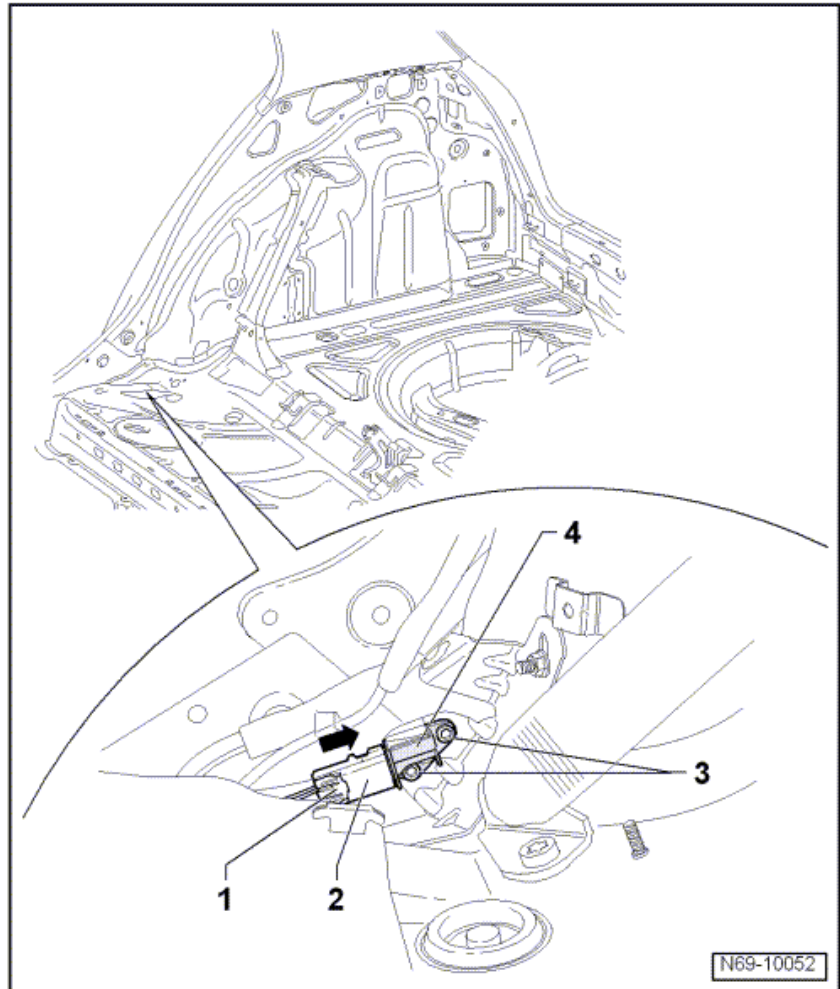
Component Locations

No. 854 / 8

Rear Side Airbag Crash Sensors

4 - Rear side airbag crash sensor on driver side -G256- and Rear side airbag crash sensor on front passenger side -G257-

- Both the driver and passenger side rear side crash sensors are similarly located in front of the rear wheel housing
- Location applies to the 4 door and 2 door vehicles



Golf

Component Locations

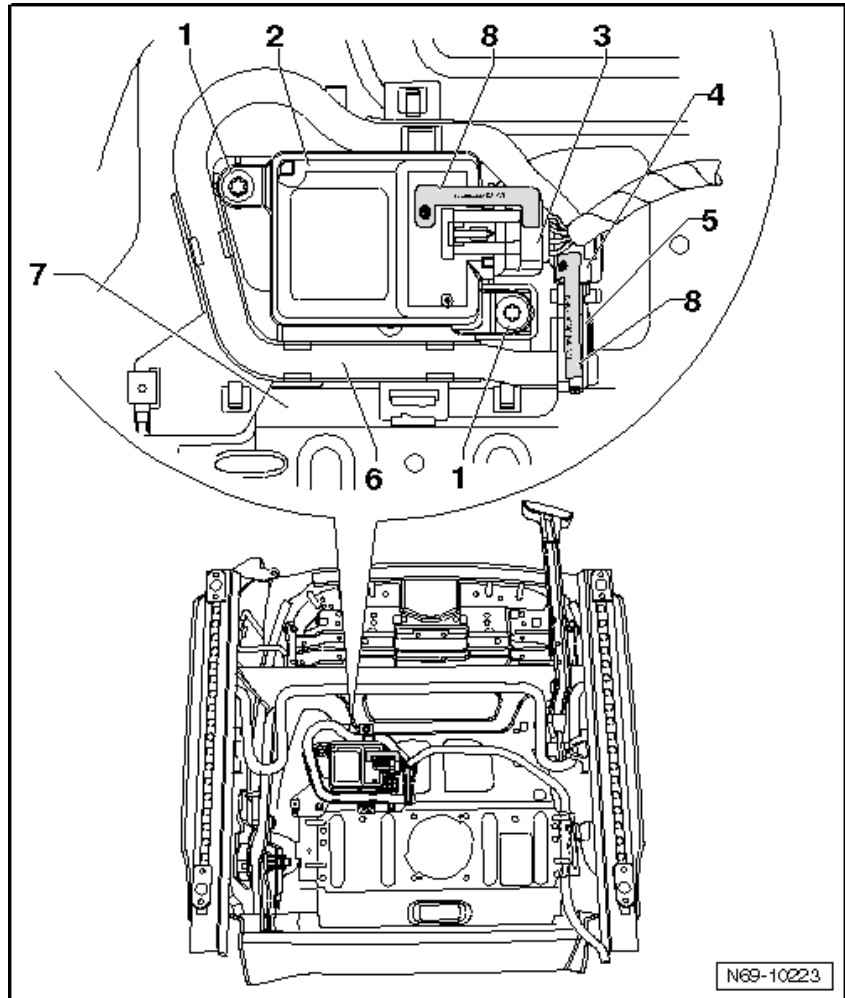
No. 854 / 9

Passive Occupant Detection System**2 - Seat occupied recognition control unit -J706-**

- ❑ Seat cushion, mat for seat occupied recognition, control unit and pressure sensor are complementary components and must not be separated
- ❑ Locations apply to both manual and power seats

5 - Pressure sensor for seat occupied recognition -G452-

- ❑ Seat cushion, mat for seat occupied recognition, control unit and pressure sensor are complementary components and must not be separated
- ❑ Locations apply to both manual and power seats



Golf

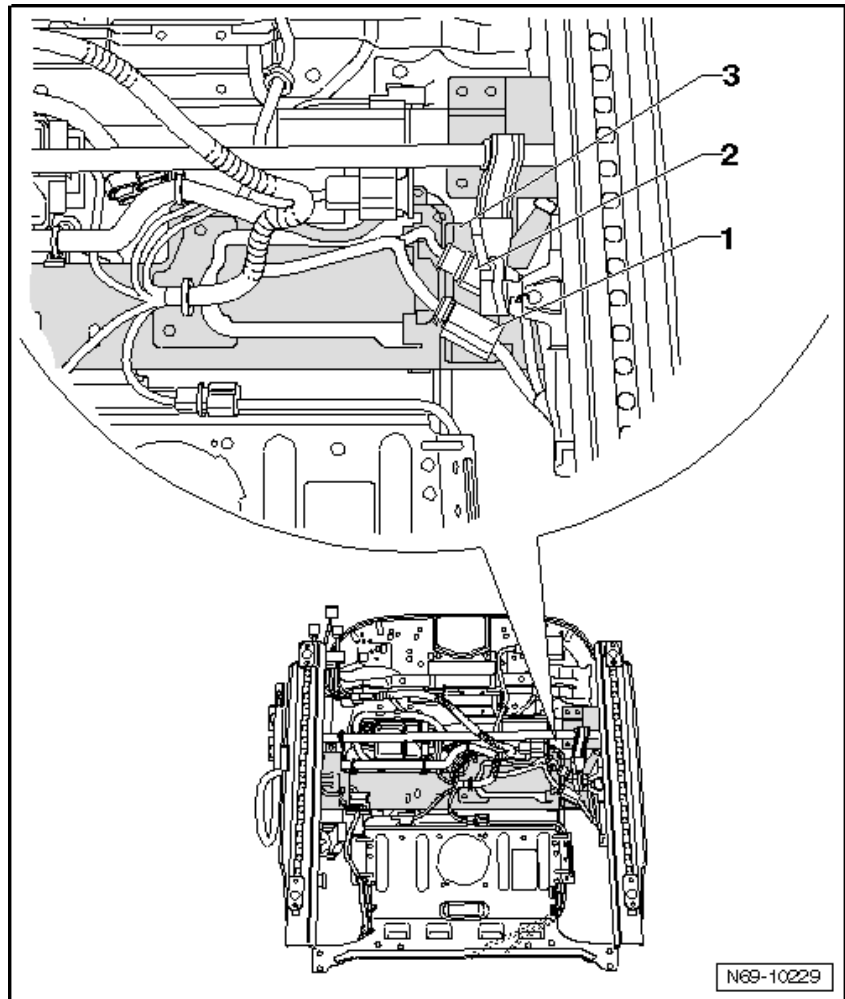
Component Locations

No. 854 / 10

Seat Belt Force Sensor

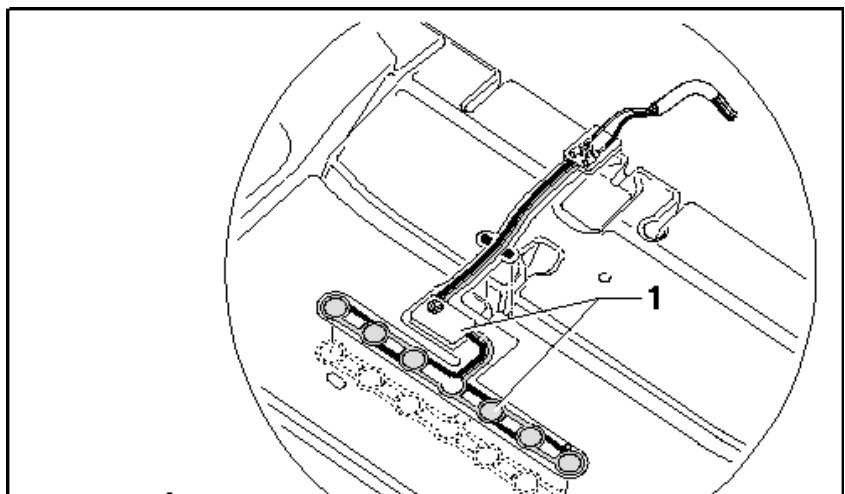
1 - Seat belt force sensor for seat occupied recognition -G453-

- Integrated with Front passenger side belt switch - E25-



Front Passenger Seat Occupied Sensor

1 - Front Passenger Seat Occupied Sensor -G128-



Golf

Component Locations

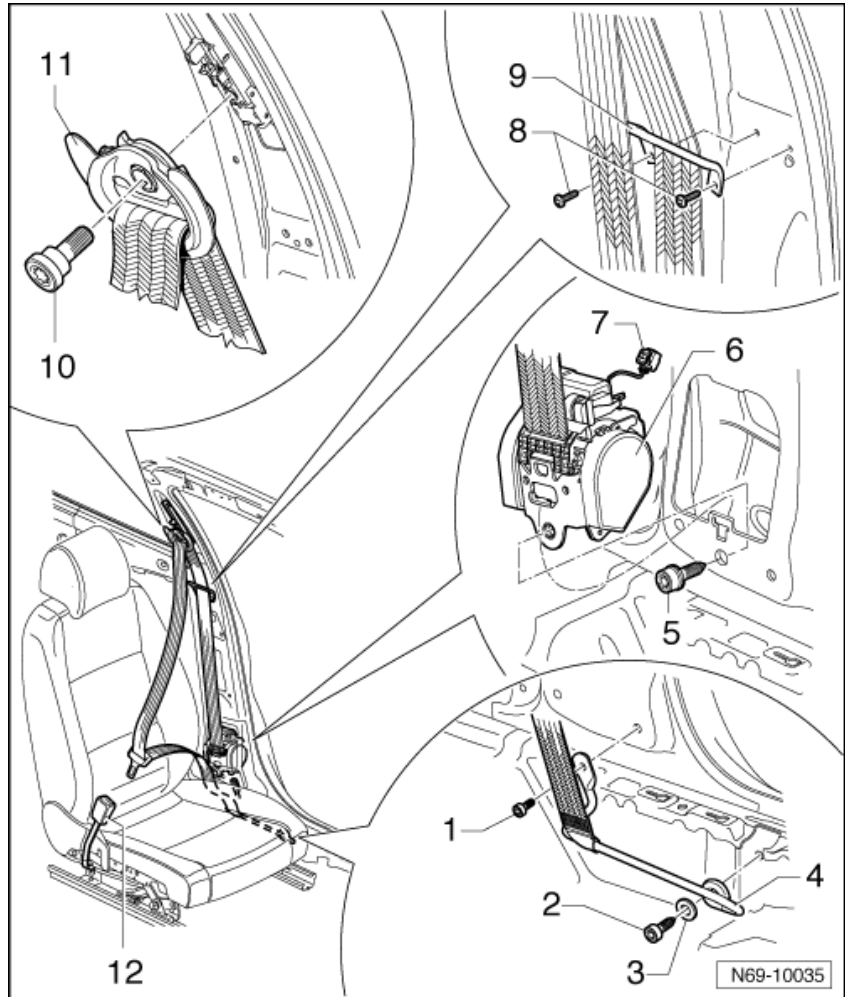
No. 854 / 11

Seat Belt Tensioners

Seat Belt Tensioners - Front

6 - Driver seat belt tensioner igniter 1 -N153- and Front passenger seat belt tensioner igniter 1 -N154-

- Driver Seat Belt Tensioner Igniter 1 -N153- is integrated with Driver Belt Force Limiter - G551-
- Located at the B-pillar



Golf

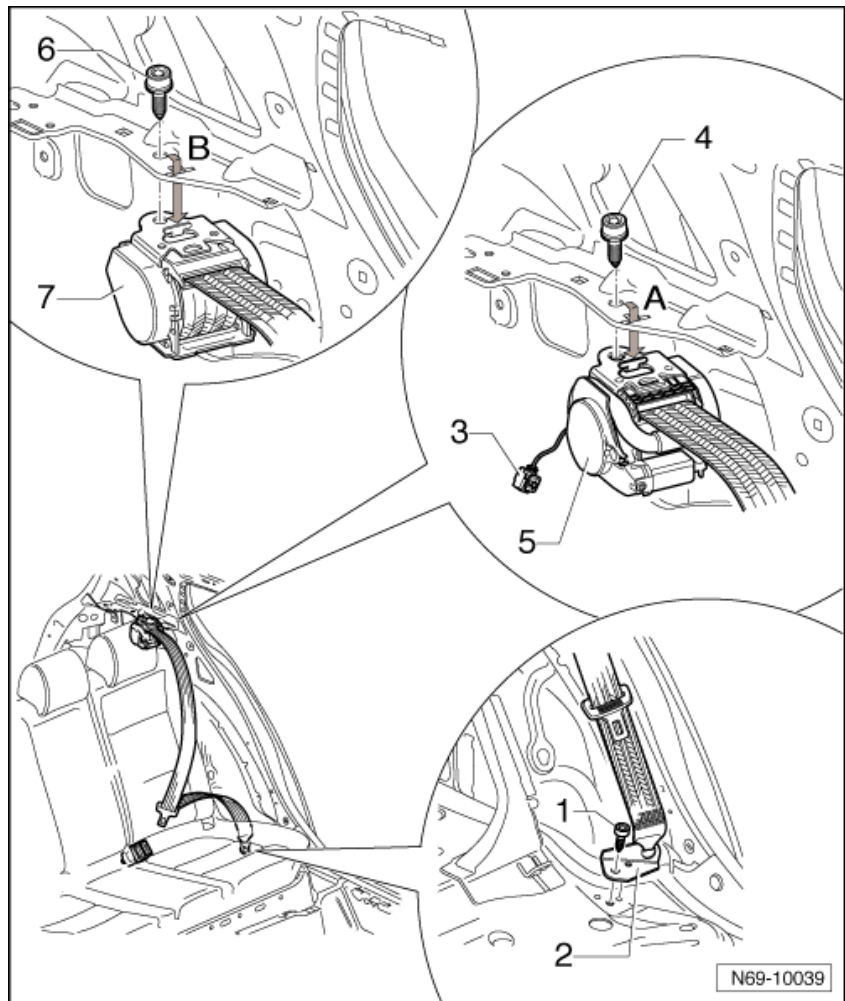
Component Locations

No. 854 / 12

Seat Belt Tensioners - Rear

5 - Rear belt tensioner igniter on driver side -N196- and Rear belt tensioner igniter on front passenger side -N197-

- Located at the C-pillar



Golf

Component Locations

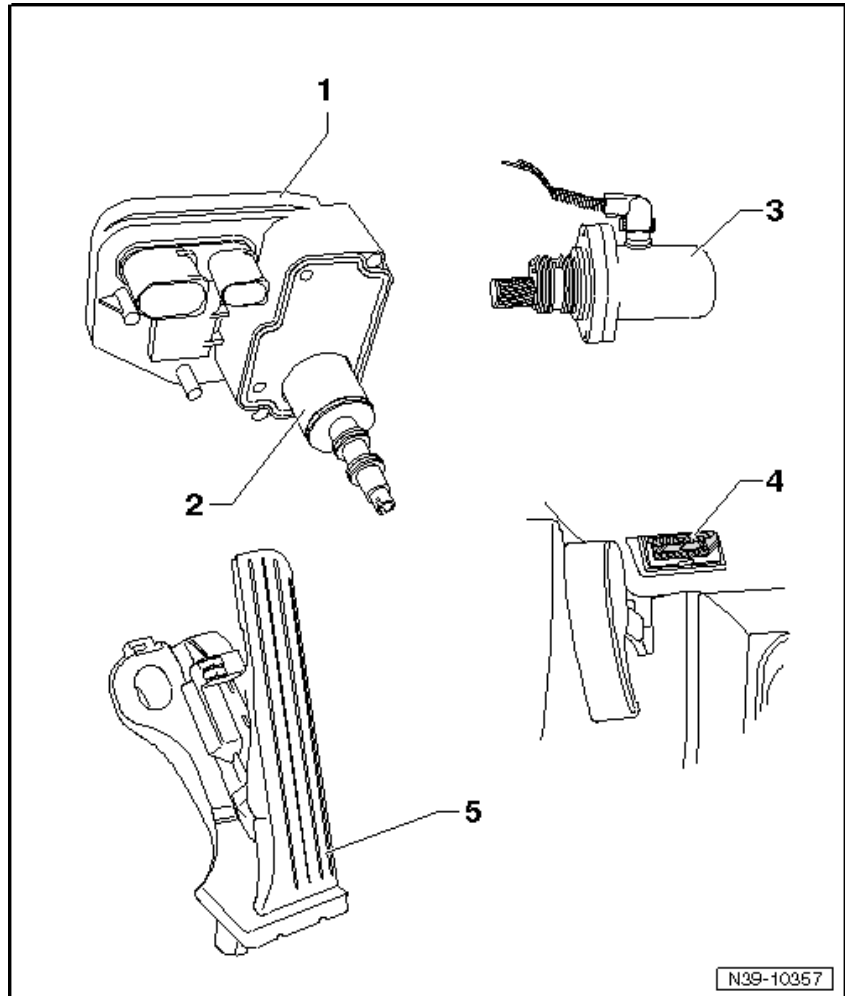
No. 863 / 1

Edition 06.2009

All-Wheel Drive System

All-Wheel Drive (4MOTION)

- 1 - All Wheel Drive Control Module -J492- → Fig.**
- Oil Pressure/Temperature Sensor -G437- → Fig. integrated in Control Module
 - Mounted on Rear Differential
- 2 - Haldex clutch control valve - N373- → Fig.**
- Mounted on -J492-
- 3 - Haldex clutch pump -V181- → Fig.**
- Mounted on Rear Differential
- 4 - Data Link Connector (DLC) - J533-**
- Location: Left front footwell.
- 5 - Throttle Position (TP) sensor - G79-**



Golf

Component Locations

No. 863 / 2

Four-wheel drive control unit

- 1 - All Wheel Drive Control Module - J492-
- 4 - Coupling opening control valve -N373-

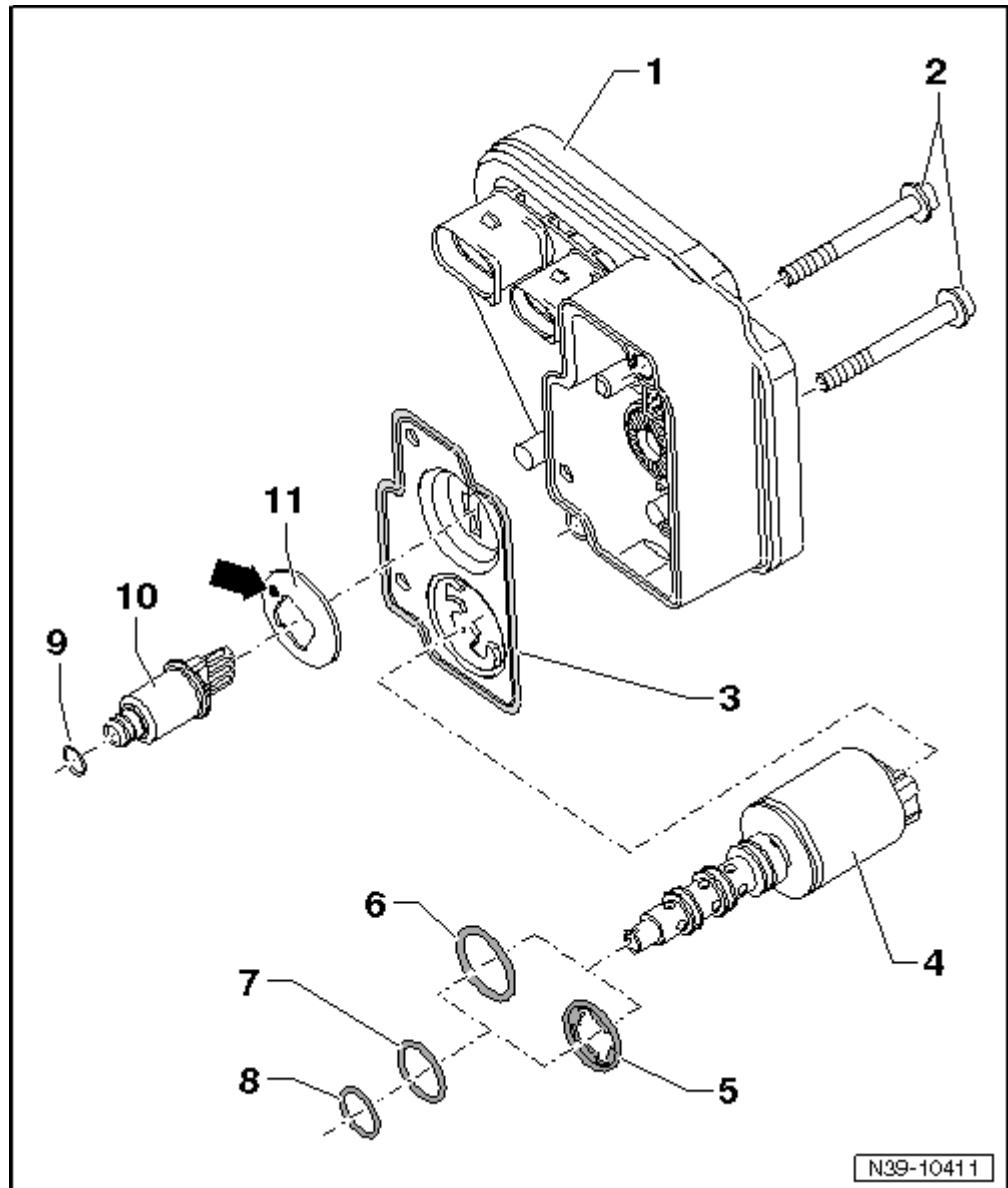
– Integrated in the four-wheel drive control unit

– Mounted on Rear Differential

- 10 - Oil pressure and oil temperature sender -G437-

– Integrated in the four-wheel drive control unit

– Mounted on Rear Differential



Golf

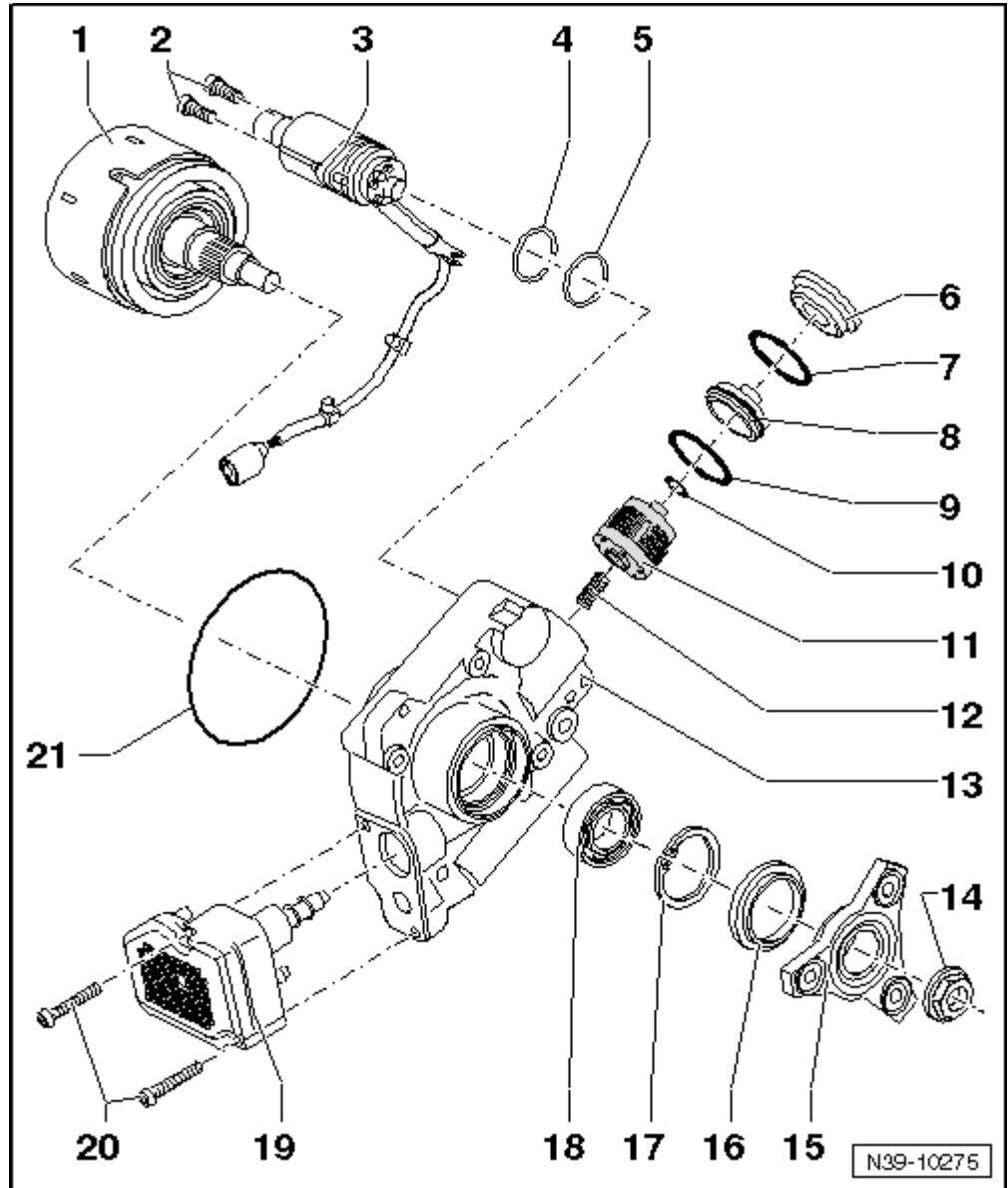
Component Locations

No. 863 / 3

All-Wheel Drive System

3 - Haldex coupling pump -V181-

- Located on the Haldex clutch housing
- Mounted on Rear Differential
- 19 - Four-wheel drive control unit -J492-
- Located on the Haldex clutch housing
- Mounted on Rear Differential



Golf**Component Locations****No. 852 / 1**

Edition 06.2009

Anti-lock Brake System

- ◆ ABS Mark 70 (ABS/ASR) → [Chapter](#)
- ◆ ABS Mark 60 EC (ABS/EDS/ASR/ESP) → [Chapter](#)
- ◆ Brake Servo Vacuum Sender → [Chapter](#)

Golf

Component Locations

No. 852 / 2

ABS Mark 70 (ABS/ASR)**1 - ABS Control Module -J104-**

- ❑ Located at the hydraulic unit in the right side engine compartment.

2 - ABS Hydraulic Unit -N55-

- ❑ Includes ABS Hydraulic Pump -V64-
- ❑ Valve block (contains the in/outlet valves).
- ❑ Located at the right side engine compartment.
- ❑ ABS Mark 60 EC (ABS/EDS/ASR/ESP) location → **Item**

3 - Brake Pad Wear Indicator Lamp -K32-

- ❑ Located in the instrument panel

4 - ABS Warning Lamp -K47-

- ❑ Located in the instrument panel

5 - Traction Control Indicator Lamp -K86-

- ❑ Located in the instrument panel

6 - Brake System Warning Lamp -K118-

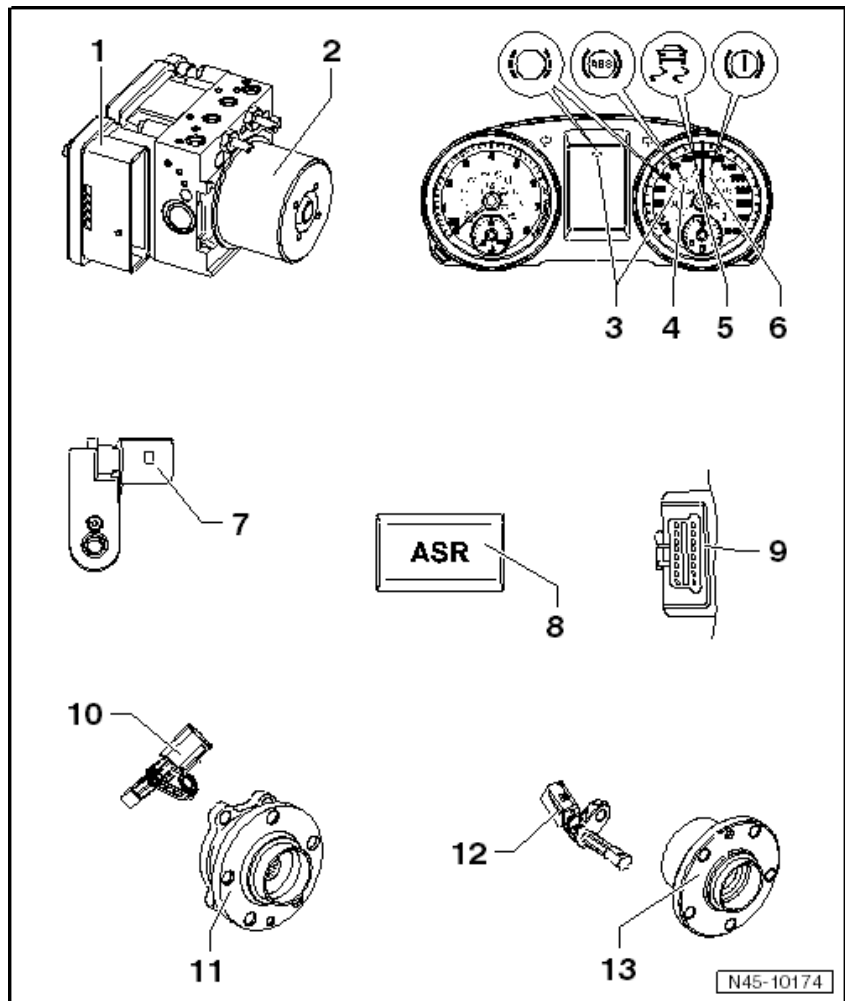
- ❑ Located in the instrument panel

7 - Brake Light Switch -F- → Fig.

- ❑ Includes Brake Pedal Switch -F47-
- ❑ Located at the master brake cylinder
- ❑ ABS Mark 60 EC (ABS/EDS/ASR/ESP) location → **Item**

8 - ASR/ESP Button -E256-

- ❑ Located in the center console



Golf

Component Locations

No. 852 / 3

ABS Mark 70 (ABS/ASR) continued**9 - Diagnostic Connection**

- Located under the cover in the driver footwell

10 - Right Front ABS Wheel Speed Sensor -G45- and Left Front ABS Wheel Speed Sensor - G47- → Fig.

- ABS Mark 60 EC (ABS/EDS/ASR/ESP) location → Item

11 - Wheel Hub with Wheel Bearing

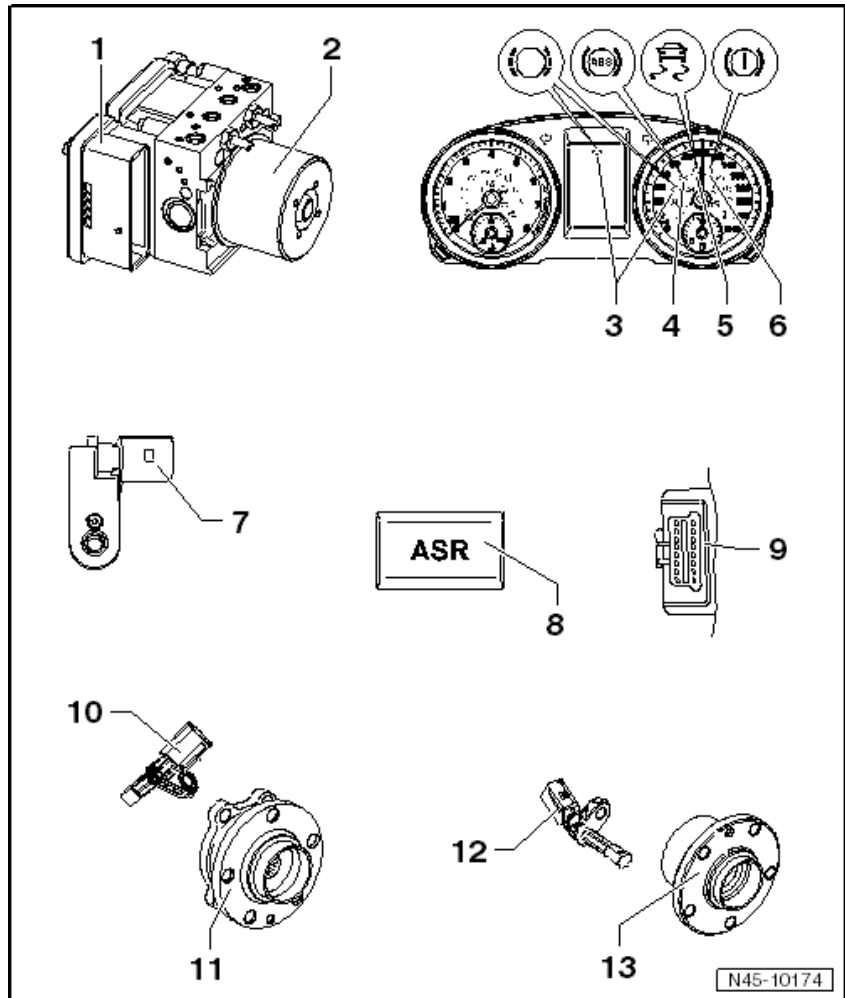
- The sensor ring for the ABS is built in the wheel bearing

12 - Right Rear ABS Wheel Speed Sensor -G44- and Left Rear ABS Wheel Speed Sensor - G46-

- Rear Wheel Speed Sensor - FWD → Fig.
- Rear Wheel Speed Sensor - AWD → Fig.
- ABS Mark 60 EC (ABS/EDS/ASR/ESP) location → Item

13 - Wheel Hub with Wheel Bearing

- The sensor ring for the ABS is built in the wheel bearing



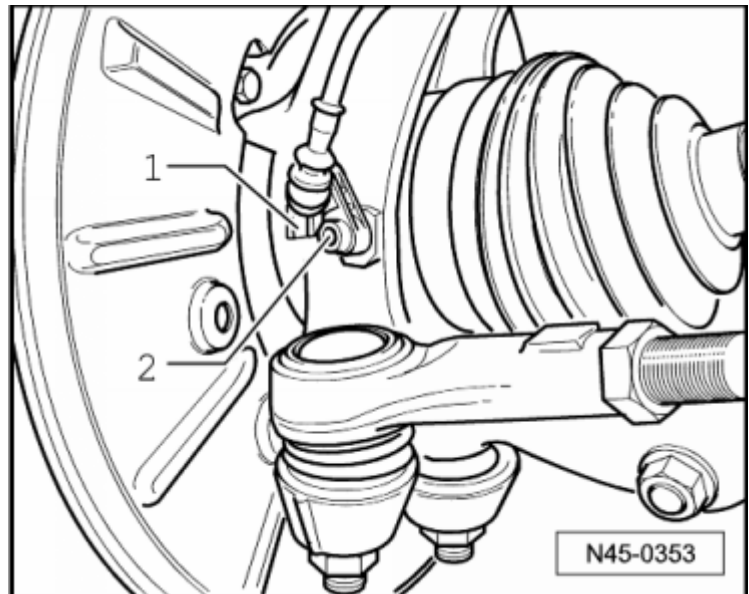
Golf

Component Locations

No. 852 / 4

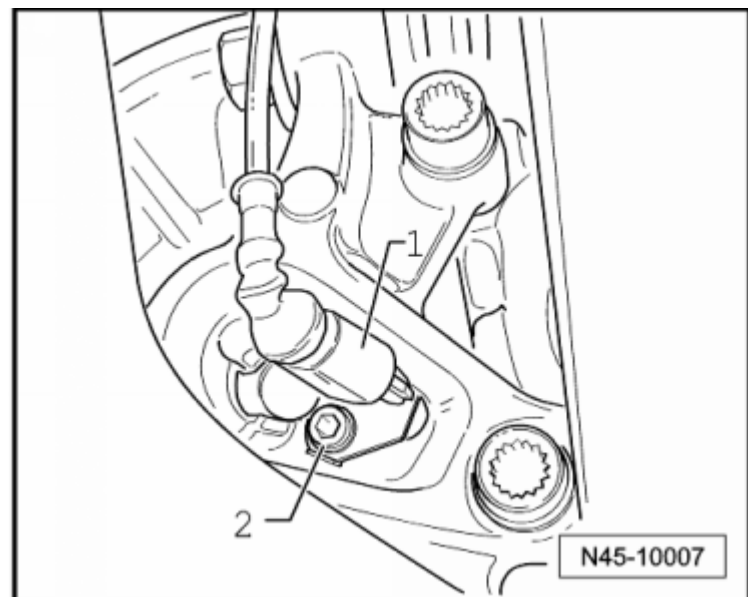
Front Wheel Speed Sensor

- 1 - Front right speed sensor -G45- and Front left speed sensor -G47-



Rear Wheel Speed Sensor - FWD

- 1 - Right Rear ABS Wheel Speed Sensor - G44- or Left Rear ABS Wheel Speed Sensor -G46-



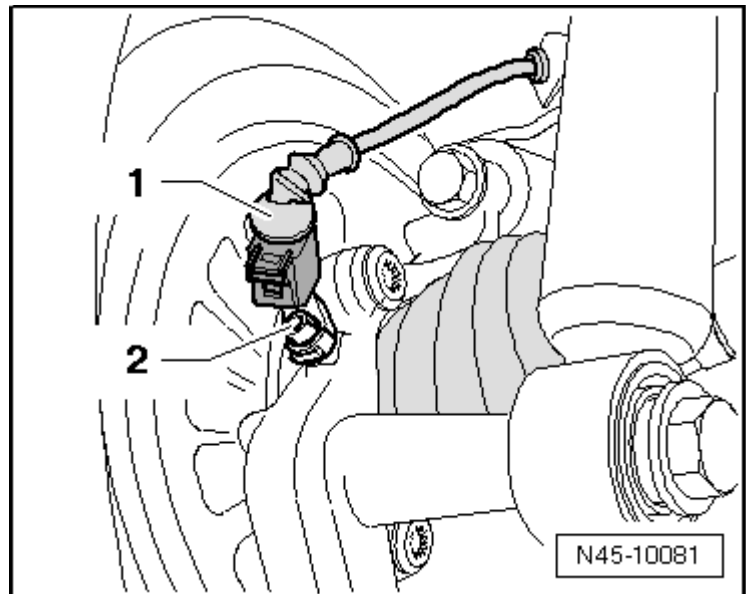
Golf

Component Locations

No. 852 / 5

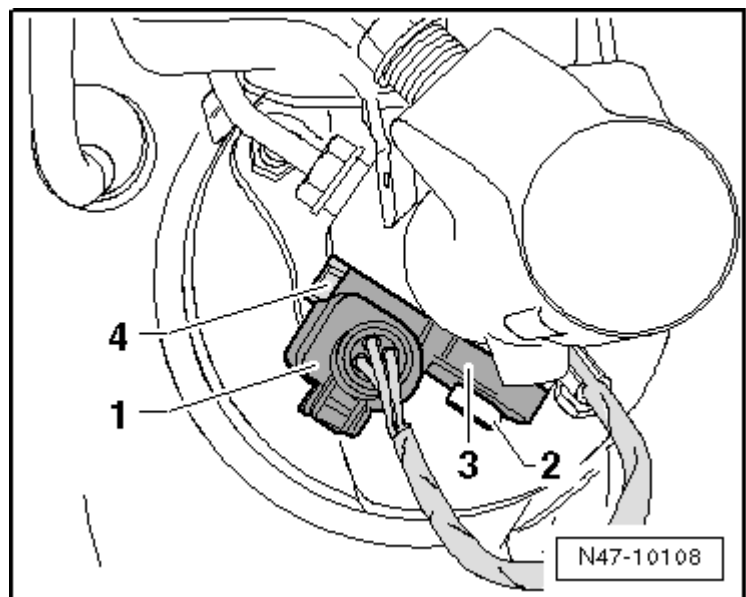
Rear Wheel Speed Sensor - AWD

- 1 - Right Rear ABS Wheel Speed Sensor - G44- or Left Rear ABS Wheel Speed Sensor -G46-



Brake Light Switch

- 1 - Electrical connector
- 3 - Brake Light Switch -F- with Brake Pedal Switch -F47-



Golf

Component Locations

No. 852 / 6

ABS Mark 60 EC (ABS/EDS/ASR/ESP)**1 - ABS Control Unit -J104- , with integrated components:**

- ❑ Transverse Acceleration Sensor -G200-
- ❑ Rotation Rate Sensor -G202-
- ❑ Longitudinal Acceleration Sensor -G251-
- ❑ Located at hydraulic unit on right side of engine compartment.

2 - ABS Hydraulic Unit -N55-

- ❑ Located in engine compartment, on right side.

The hydraulic unit consists of the following components:

- ❑ ABS Hydraulic Pump -V64-
- ❑ Brake Pressure Sensor 1 - G201-
- ❑ Valve block (contains the in/outlet valves).

3 - Brake Pad Warning Lamp - K32-

- ❑ Located in the instrument cluster

4 - ABS Warning Lamp -K47-

- ❑ Located in the instrument cluster

5 - ESP and TCS Warning Lamp - K155-

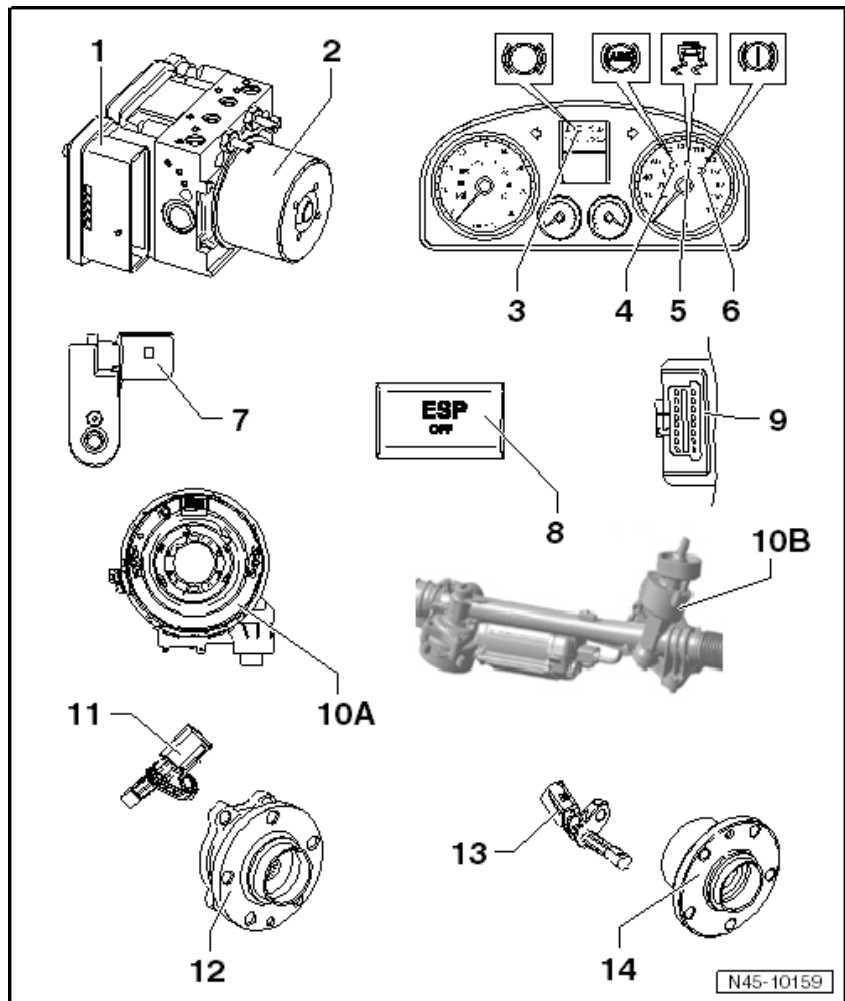
- ❑ Located in the instrument cluster

6 - Brake System Warning Lamp -K118-

- ❑ Located in the instrument cluster

7 - Brake Light Switch -F-

- ❑ Includes Brake Pedal Switch -F47-
- ❑ Located on the brake master cylinder



Golf

Component Locations

No. 852 / 7

ABS Mark 60 EC (ABS/EDS/ASR/ESP) continued

8 - TCS and ESP Button -E256-

- Located in the center console

9 - Diagnostic Connection

10 - Steering Angle Sender -G85-

**Note**

From 06.08, the steering angle sensor is located inside the steering gear on vehicles equipped with generation 3 electromechanical steering

- Location A: On the steering column between the steering wheel and the steering column switch → Fig.

- Location B: Inside the steering gear → Fig.

11 - Front Right Speed Sensor - G45- and Front Left Speed Sensor -G47- → Fig.

12 - Wheel Hub with Wheel Bearing

- The ABS sensor ring is installed in the wheel bearing

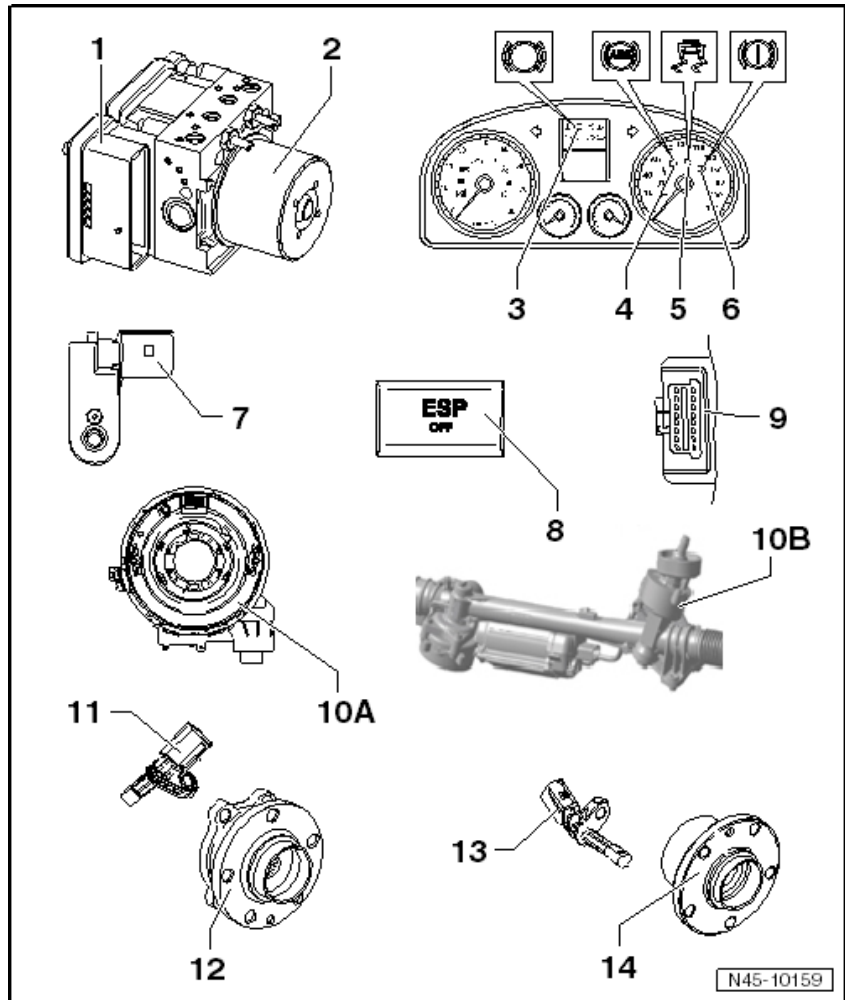
13 - Rear Right Speed Sensor - G44- and Rear Left Speed Sensor -G46-

- Rear Wheel Speed Sensor - FWD location → Fig.

- Rear Wheel Speed Sensor - AWD location → Fig.

14 - Wheel Hub with Wheel Bearing

- The ABS sensor ring is installed in the wheel bearing



Golf

Component Locations

No. 852 / 8

Power Steering Unit With Electro/ Mechanical Steering



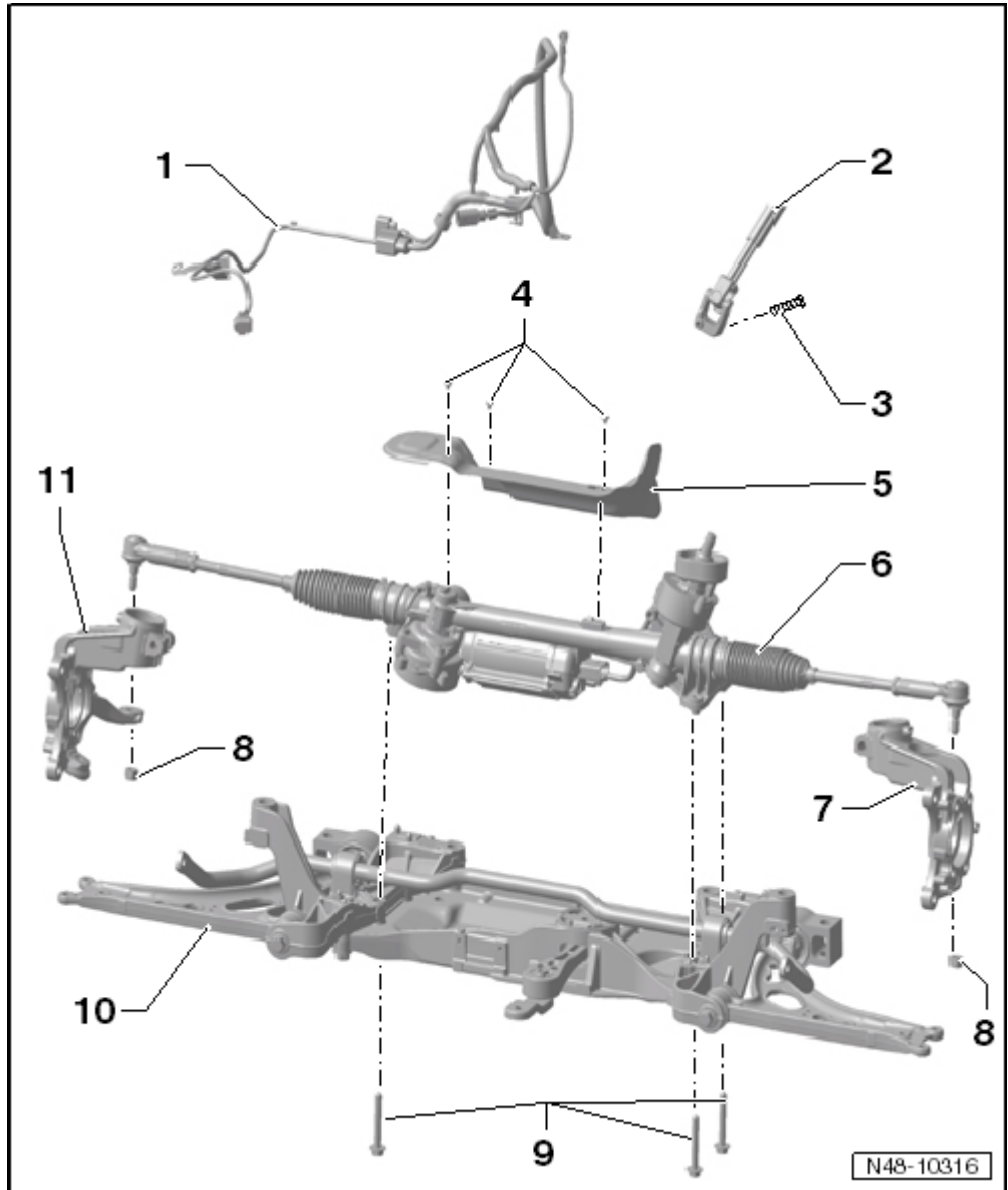
Note

From 06.08, the steering angle sensor is located inside the steering gear on vehicles equipped with generation 3 electromechanical steering

6 - Power Steering Unit With Electro/ Mechanical Steering

The following are integrated into the Steering Unit:

- ◆ Power Steering Control Module -J500-
- ◆ Electro-mechanical Power Steering Motor - V187-
- ◆ Steering Angle Sensor - G85- view with out Electro/ Mechanical Steering → Fig.
- ◆ Steering Torque Sensor -G269-



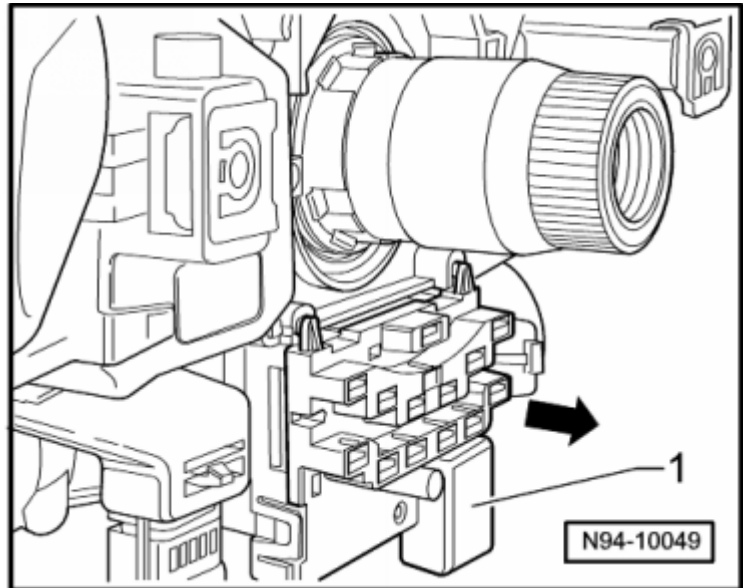
Golf

Component Locations

No. 852 / 9

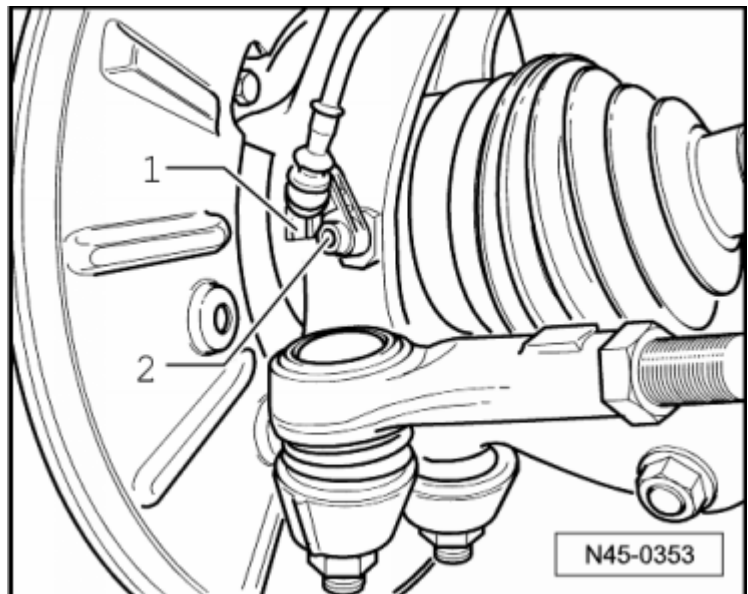
With Out Electro/ Mechanical Steering

- 1 - Steering angle sender -G85- On the steering column between the steering wheel and the steering column switch



Front Wheel Speed Sensor

- 1 - Front right speed sensor -G45- and Front left speed sensor -G47-



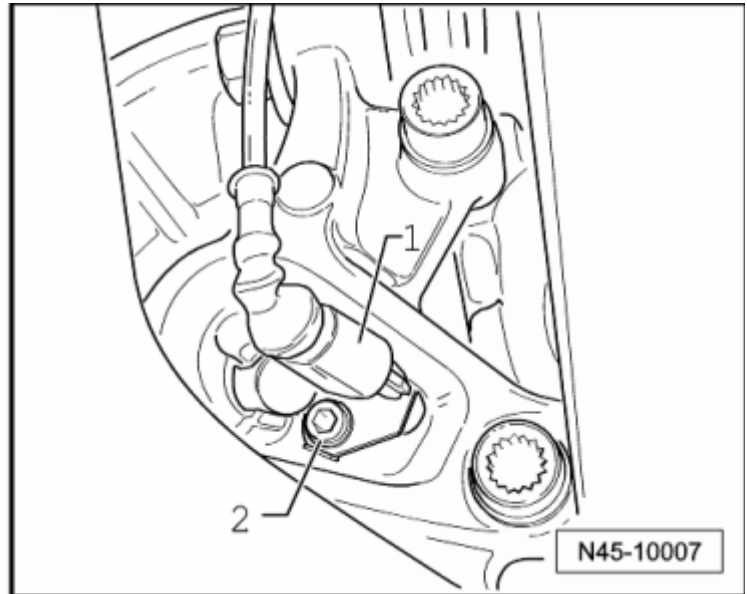
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Component Locations

No. 852 / 10

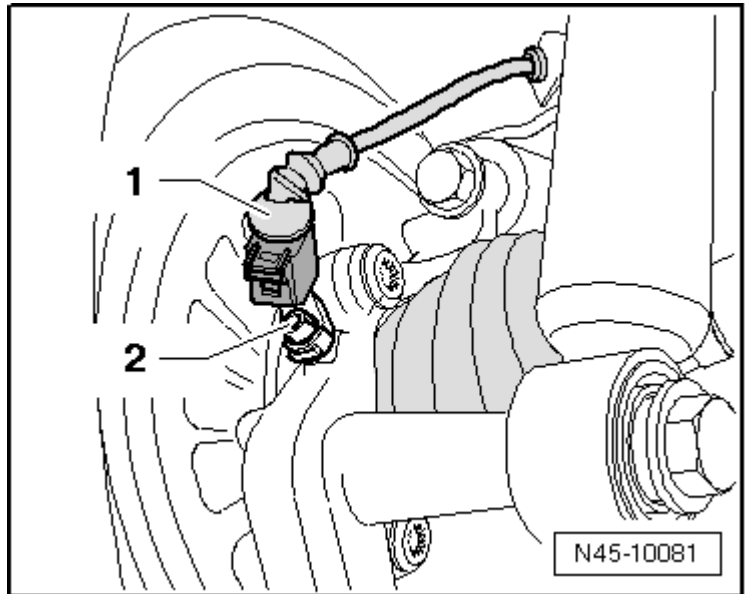
Rear Wheel Speed Sensor - FWD

- 1 - Right Rear ABS Wheel Speed Sensor - G44- or Left Rear ABS Wheel Speed Sensor -G46-



Rear Wheel Speed Sensor - AWD

- 1 - Right Rear ABS Wheel Speed Sensor - G44- or Left Rear ABS Wheel Speed Sensor -G46-



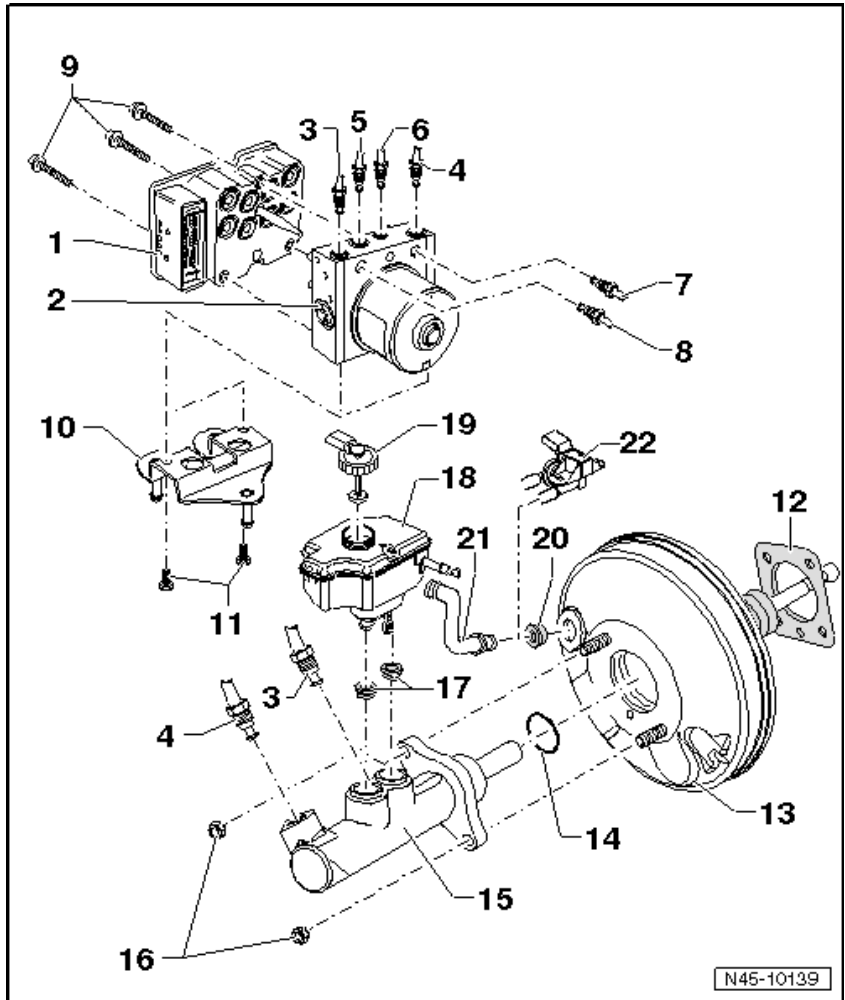
Golf

Component Locations

No. 852 / 11

Brake Servo Vacuum Sender

- 1 - ABS Control Module -J104-
- 2 - ABS Hydraulic Unit -N55-
- 19 - Brake fluid level warning contact -F34-
- 22 - Vacuum Sensor -G608-



Golf

Component Locations

No. 855 / 1

Edition 06.2009

Camera System

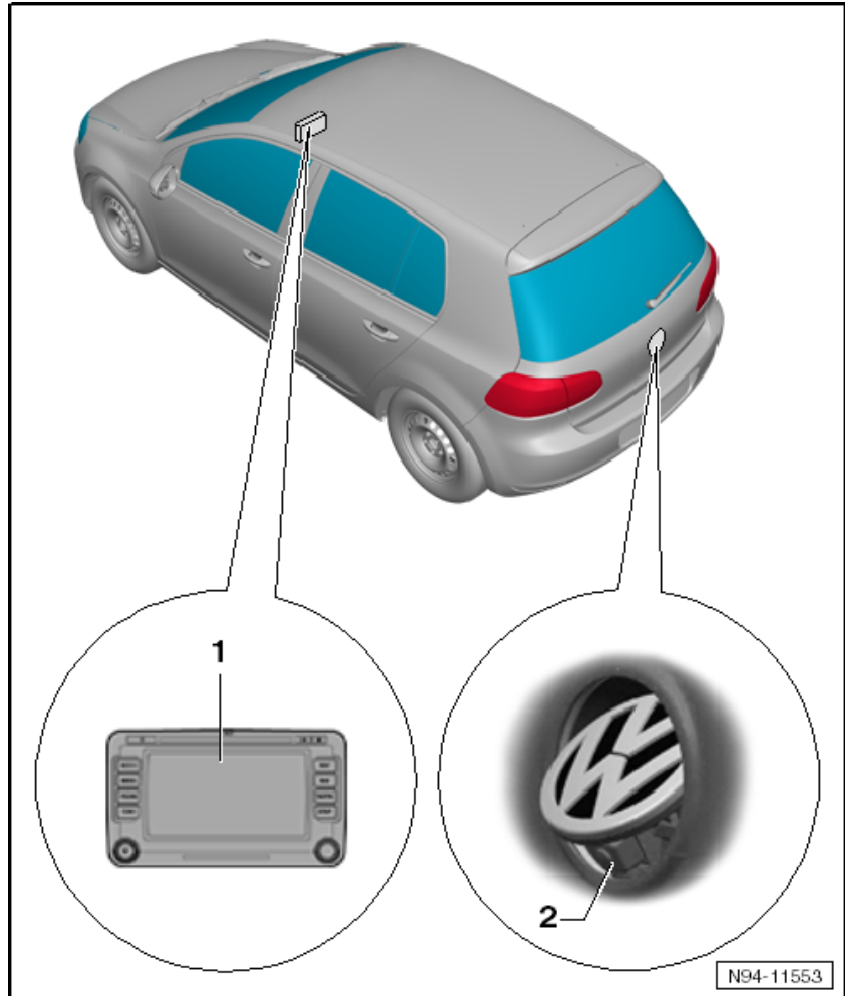
Camera System

1 - Radio/Navigation Display Unit Control Module -J503-

- Location: in the center console in front

2 - Rear View Camera -R189- with Emblem Motor -V432-

- Located in the rear liftgate emblem



Golf**Component Locations****No. 864 / 1**

Edition 09.2011

Central Lock / Anti-theft Systems

- ◆ Central Locking System → [Chapter](#)
- ◆ Anti-theft System → [Chapter](#)
- ◆ Access/Start Authorization Overview → [Chapter](#)

Golf

Component Locations

No. 864 / 2

Central Locking System**1 - Coupling Station**

- Location: A-column right

2 - Vehicle Electrical System Control Module -J519-

- Location: Under instrument panel, left, below relay carrier
- Contains Central Locking and Anti-Theft Alarm System Antenna -R47-

- Anti-theft System location
→ Chapter

3 - Front Passenger Door Control Module -J387-

- Integrated in the window regulator motor

4 - Right Front Door Lock → Fig.

- Anti-theft System location
→ Chapter

5 - Coupling Station

- Location: B column right

6 - Right Rear Door Control Module -J389-

- Integrated in the window regulator motor

7 - Right Rear Door Lock → Fig.**8 - Right Rear Lid Connector Station**

- Location: C column right

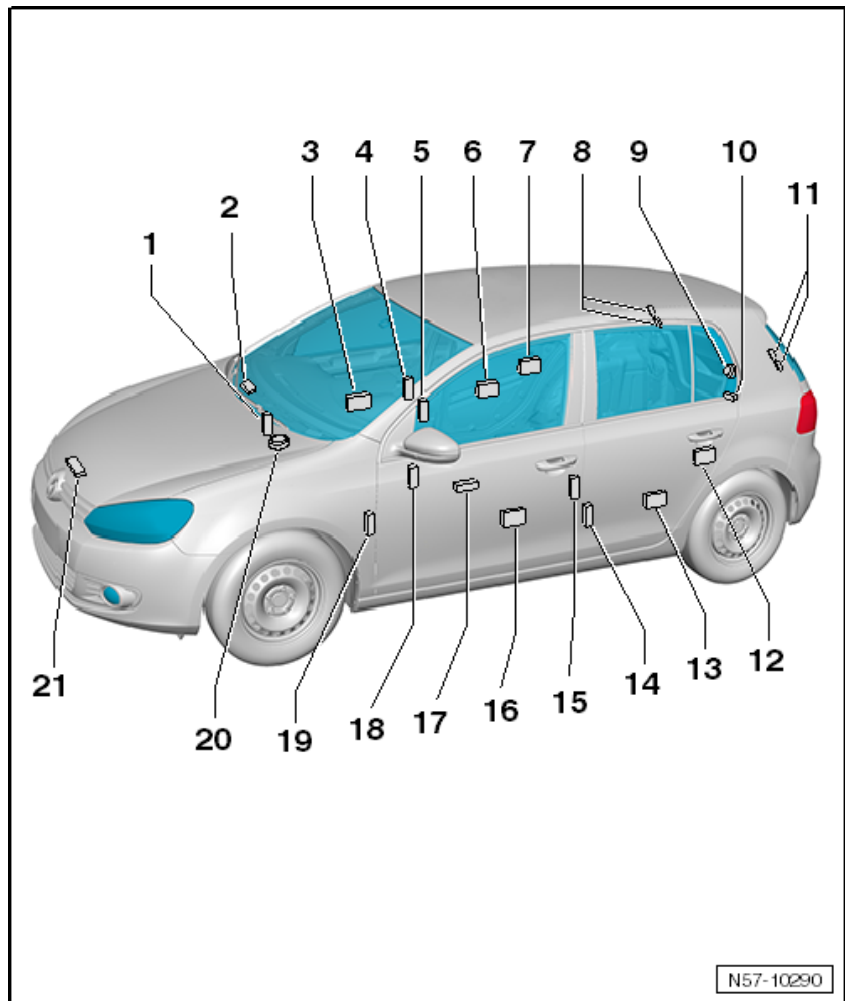
9 - Rear Lid Unlock Switch**10 - Rear Lid Lock Unit -F256-**

→ Fig.

- Attached to the rear lid
- Anti-theft System location → Chapter

11 - Left Rear Lid Connector Station

- Location: C column left



Golf

Component Locations

No. 864 / 3

Central Locking System continued (Component A is not shown in the overview)

12 - Left Rear Door Lock → Fig.

13 - Left Rear Door Control Module
-J388-

- Integrated in the window regulator motor

14 - Coupling Station

- Location: B column left

15 - Left Front Door Lock (Driver)
→ Fig.

- Anti-theft System location
→ Chapter

16 - Driver Door Control Module -
J386-

- Integrated in the window regulator motor

17 - Driver Door Central Locking
Switch Unit

- Location: built in the door panel

18 - Central Locking System
Switch

- Location: built in the door panel

19 - Coupling Station

- Location: A-column left

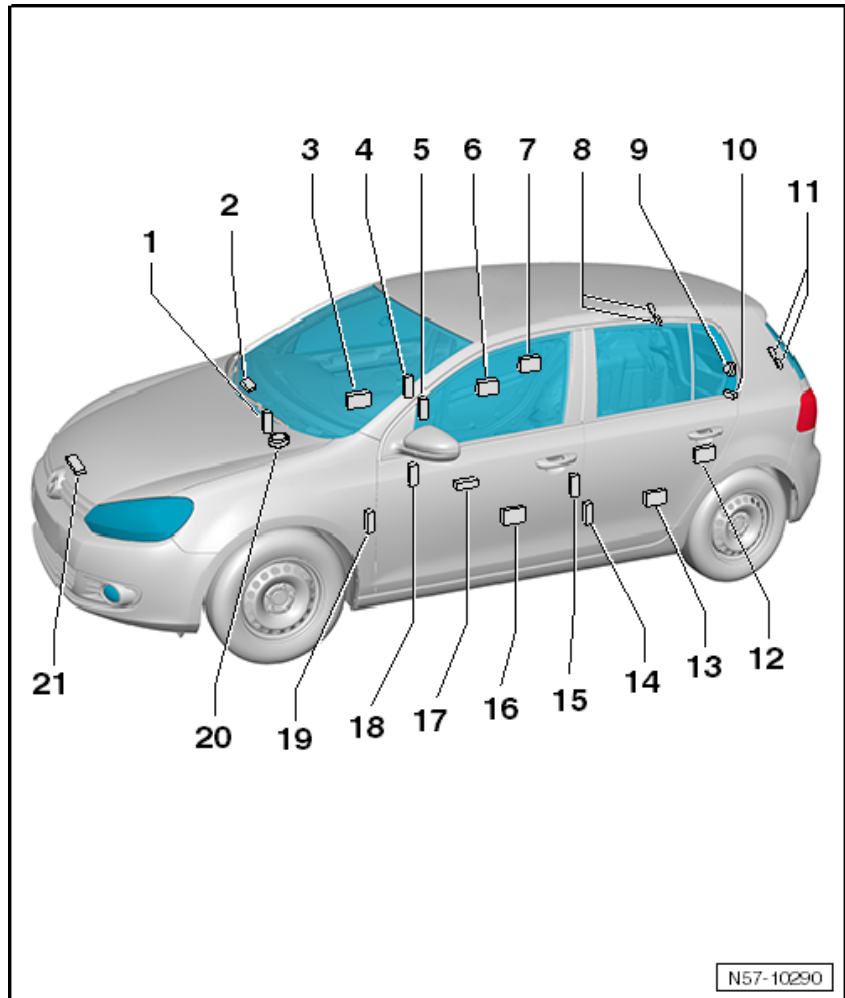
20 - Alarm Horn -H12- → Fig.

- Location: under the right fender in the wheel housing
- Anti-theft System location
→ Chapter

21 - Front Hood Switch -F266-
→ Fig.

- Located on the lid lock
- Anti-theft System location → Chapter

A - Fuel Tank Lid Unlock Motor -V155- → Fig.



Golf

Component Locations

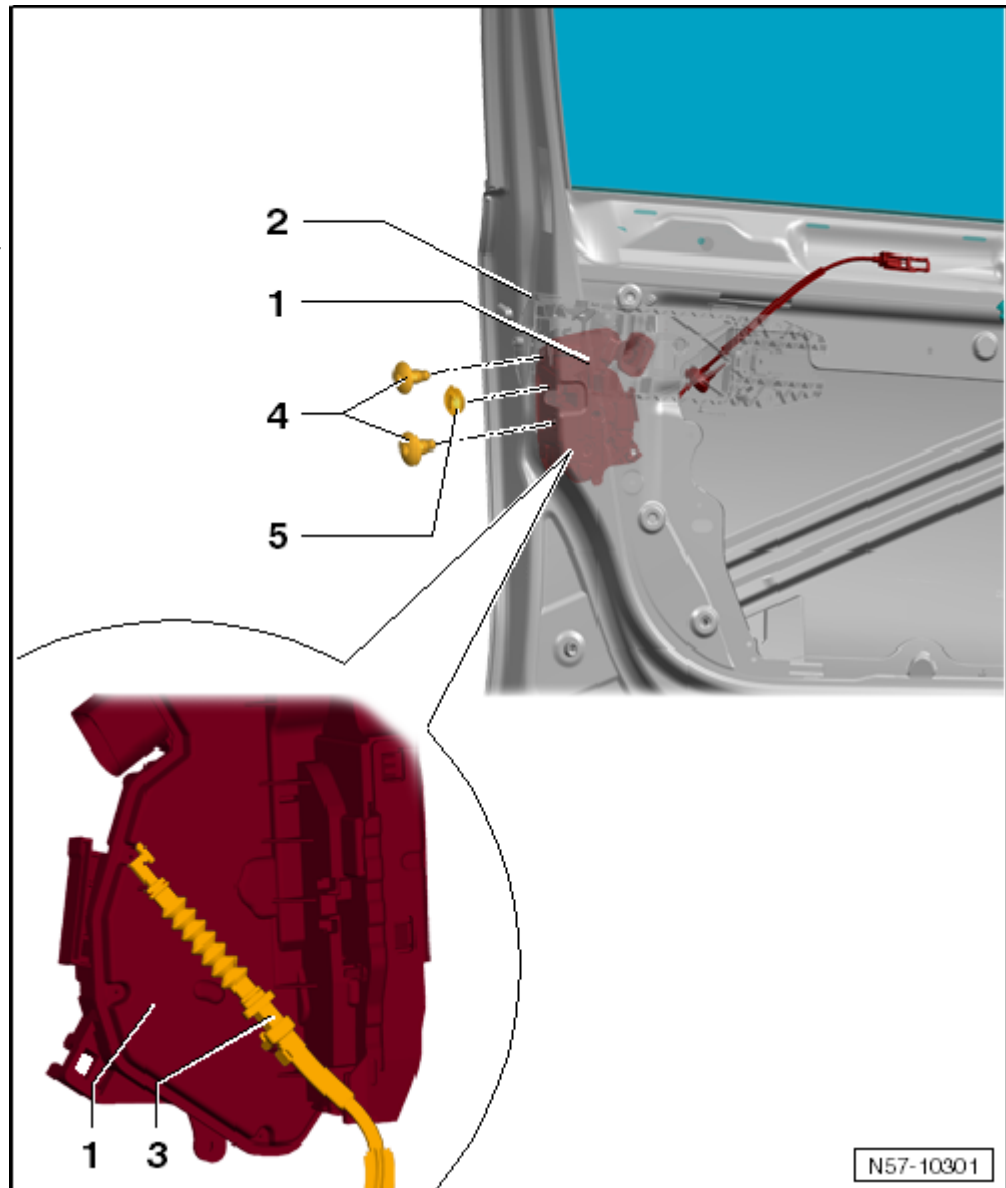
No. 864 / 4

Front Door Lock

1 - Front Door Lock

The driver and passenger door lock are integrated with the following:

- ◆ Driver Door Central Locking Lock Unit -F220-
- ◆ Driver Door Central Locking System Motor - V56-
- ◆ Driver Door Contact Switch -F2-
- ◆ Front Passenger Door Central Locking Lock Unit -F221-
- ◆ Front Passenger Door Contact Switch -F3-
- ◆ Front Passenger Door Central Locking System Motor -V57-
- ◆ Anti-theft System location → **Chapter**



Golf

Component Locations

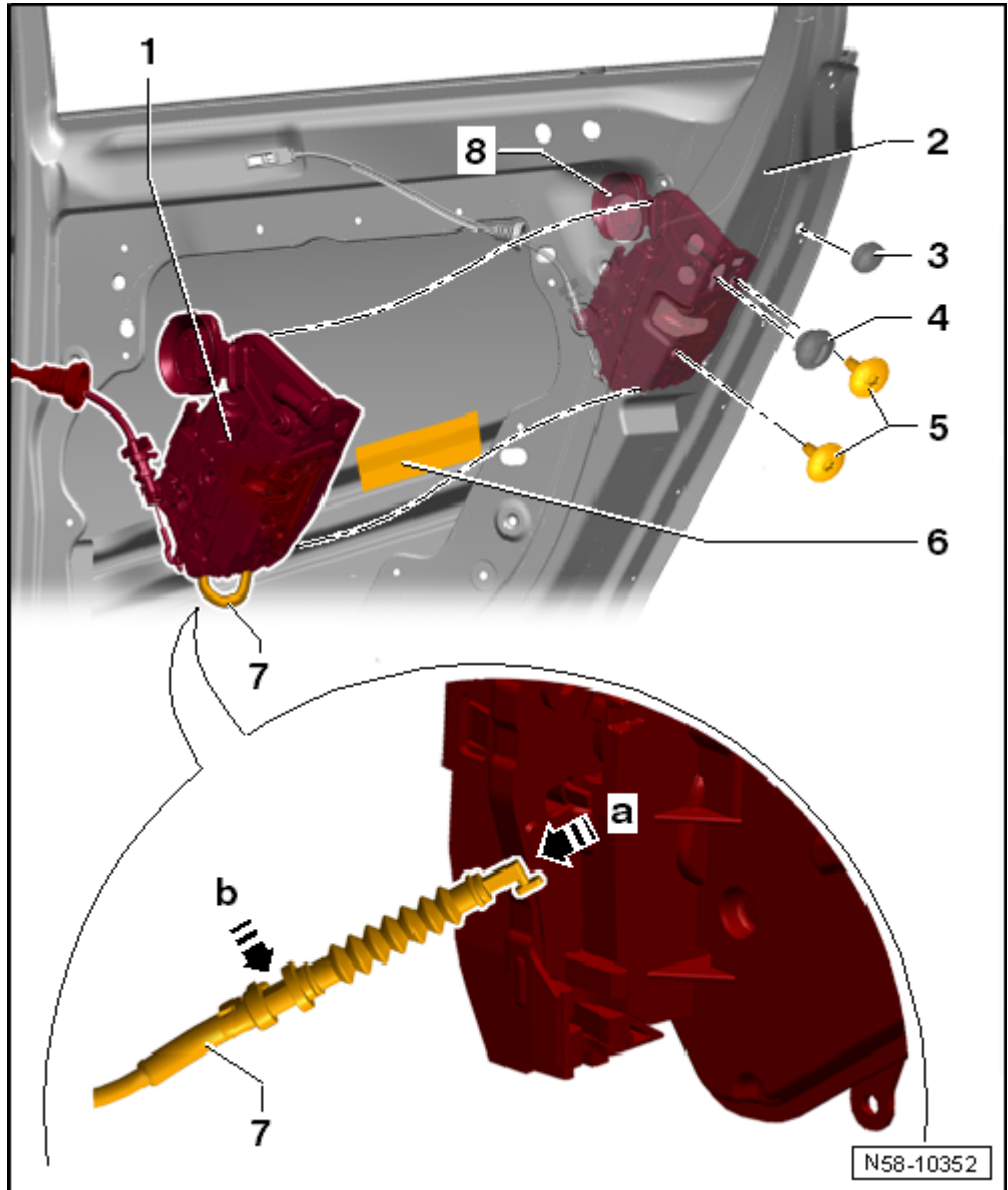
No. 864 / 5

Rear Door Lock

1 - Rear Door Lock

The rear door locks are integrated with the following:

- ◆ Left Rear Door Contact Switch -F10-
- ◆ Left Rear Central Locking (Lock) Motor - V214-
- ◆ Left Rear Central Locking Lock Unit -F222-
- ◆ Right Rear Door Contact Switch -F11-
- ◆ Right Rear Central Locking (Lock) Motor - V215-
- ◆ Right Rear Central Locking Lock Unit -F223-
- ◆ Anti-theft System location → [Chapter](#)



Golf

Component Locations

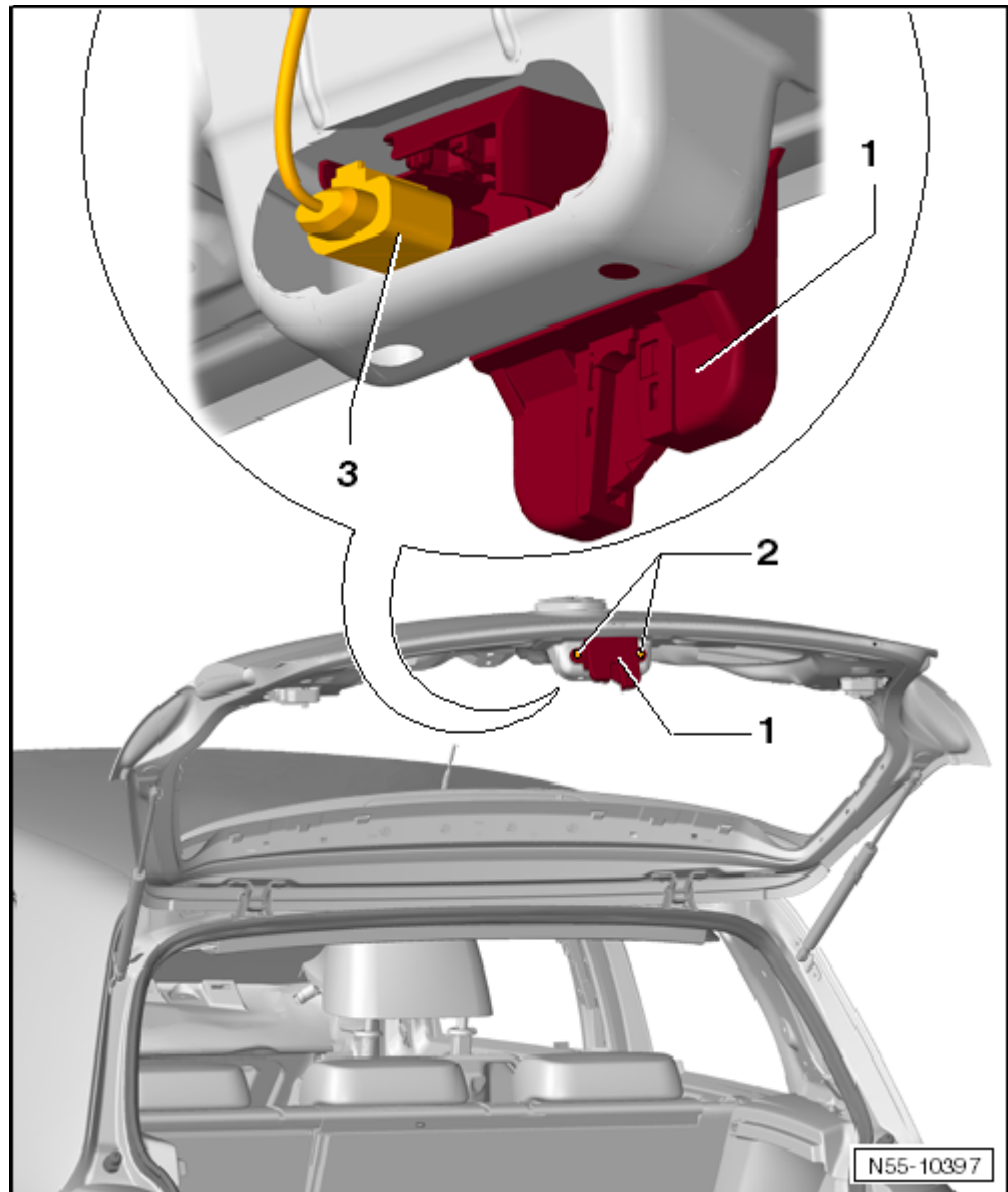
No. 864 / 6

Rear Lid Lock

1 - Rear Lid Lock

The rear lid lock unit is integrated with the following:

- ◆ Rear Lid Lock Unit - F256-
- ◆ Luggage Compartment Lamp Switch -F5-
- ◆ Rear Lid Unlock Motor - V139-
- ◆ Anti-theft System location → [Chapter](#)



Golf

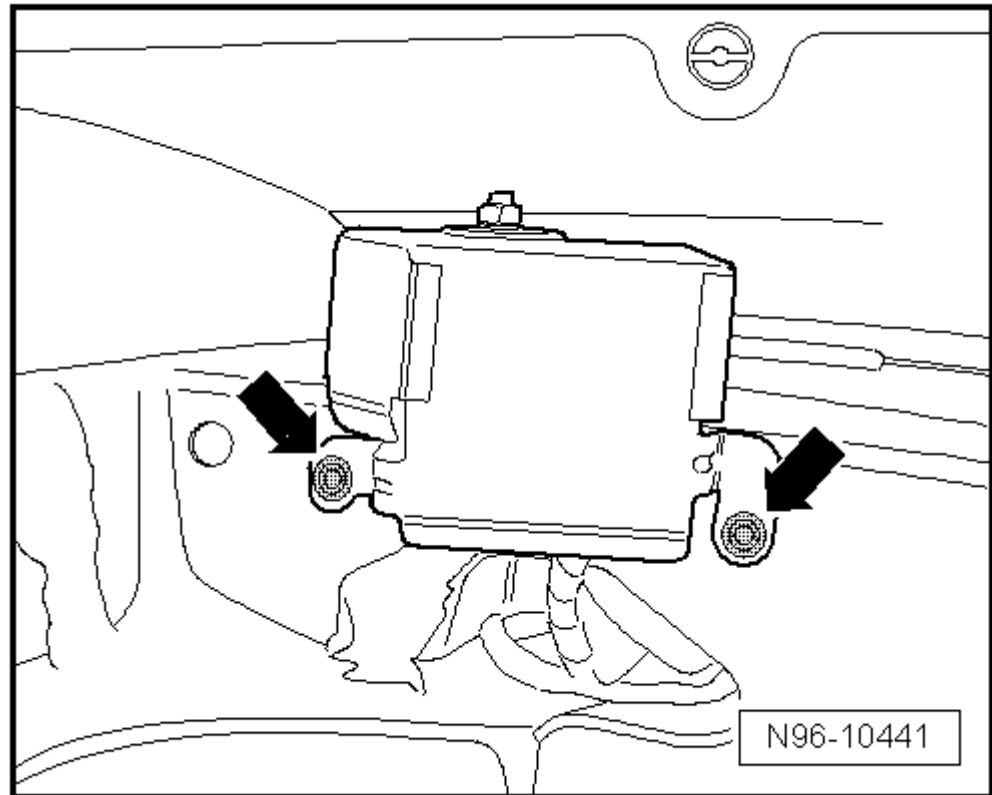
Component Locations

No. 864 / 7

Alarm Horn

-- Alarm Horn -
H12-

- Located: under the right fender in the wheel housing.
- Anti-theft System location → [Chapter](#)



Golf

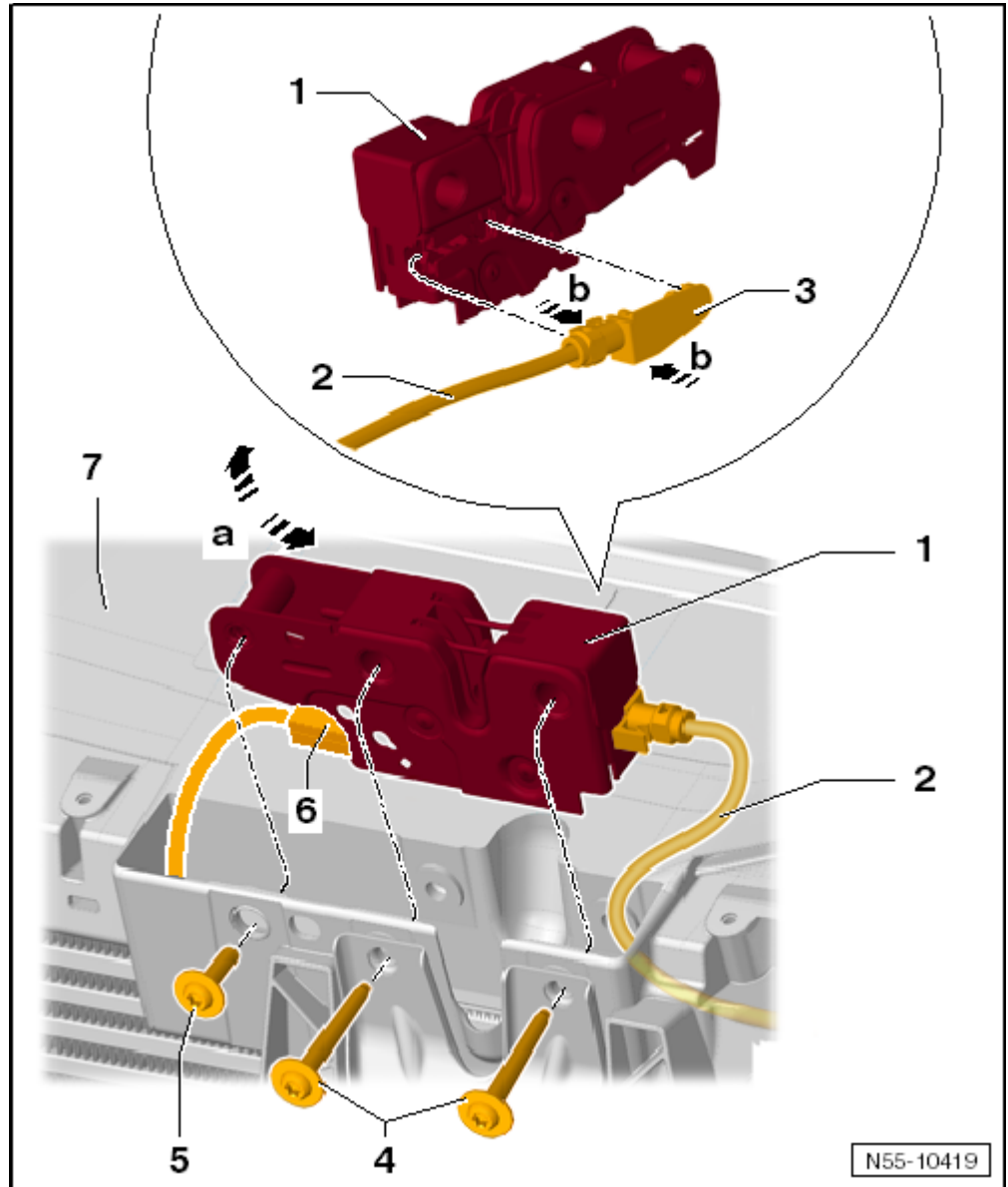
Component Locations

No. 864 / 8

Hood Latch

1 - Front Hood Switch - F266- integrated in the lid lock

- Anti-theft System location → [Chapter](#)



N55-10419

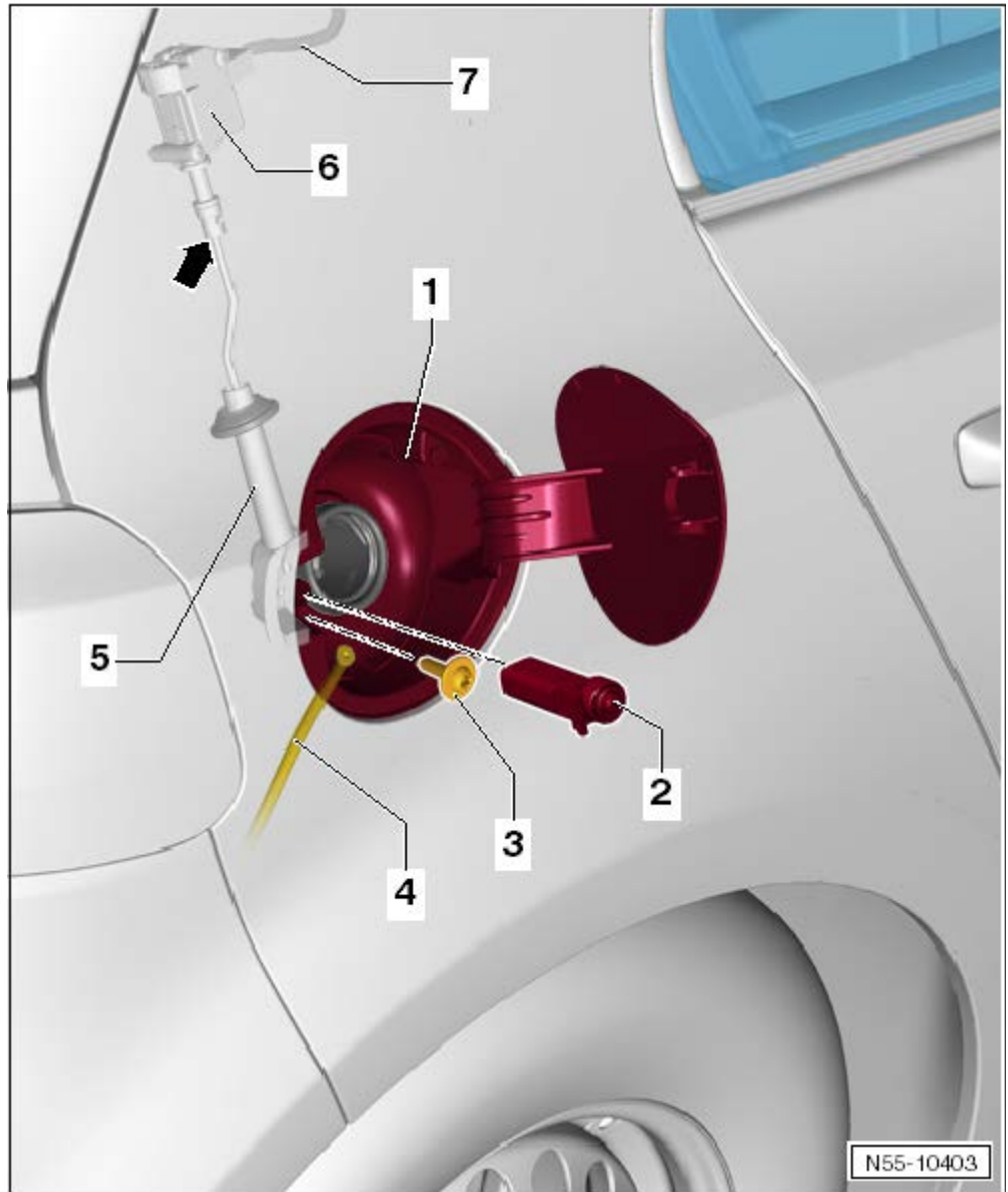
Golf

Component Locations

No. 864 / 9

Fuel Filler Door Unit and Actuator Overview

6 - Fuel Tank Lid
Unlock Motor -
V155-



Golf

Component Locations

No. 864 / 10

Anti-theft System**1 - Front Hood Switch -F266-**

→ Fig.

- Location: on the lid lock

2 - Alarm Horn -H12- → Fig.

- Location: under the right fender in the wheel housing

3 - Front Passenger Door Control Module -J387-**4 - Front Passenger Door Contact Switch -F3- → Fig.**

- Integrated in Front Passenger Door Central Locking Lock Unit -F221-

5 - Right Rear Door Control Module -J389-**6 - Anti-Theft Alarm System Sensor -G578- → Fig.**

- Contains Vehicle Inclination Sensor -G384- and Interior Monitoring Sensor -G273-

- Location: in the roof console

7 - Rear Lid Lock Unit -F256- → Fig.**8 - Driver Door Contact Switch - F2- → Fig.**

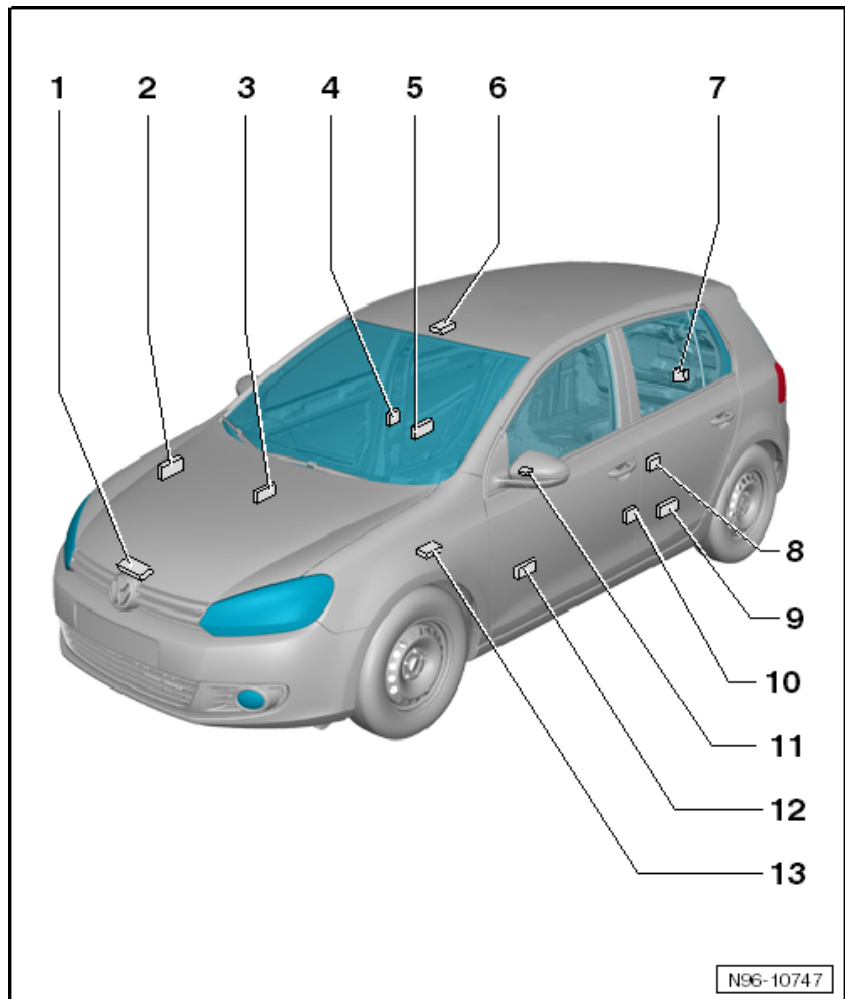
- Integrated in Driver Door Central Locking Lock Unit - F220-

9 - Left Rear Door Control Module -J388-**10 - Interior Monitoring Deactivation Switch -E267-**

- Location: in the trim panel of the B-column on the driver's side

11 - Central Locking -SAFE- Indicator Lamp -K133-**12 - Driver Door Control Module -J386-****13 - Vehicle Electrical System Control Module -J519-**

- Contains the Central Locking and Anti-Theft Alarm System Antenna -R47-
- Location: Under instrument panel, left, below relay carrier



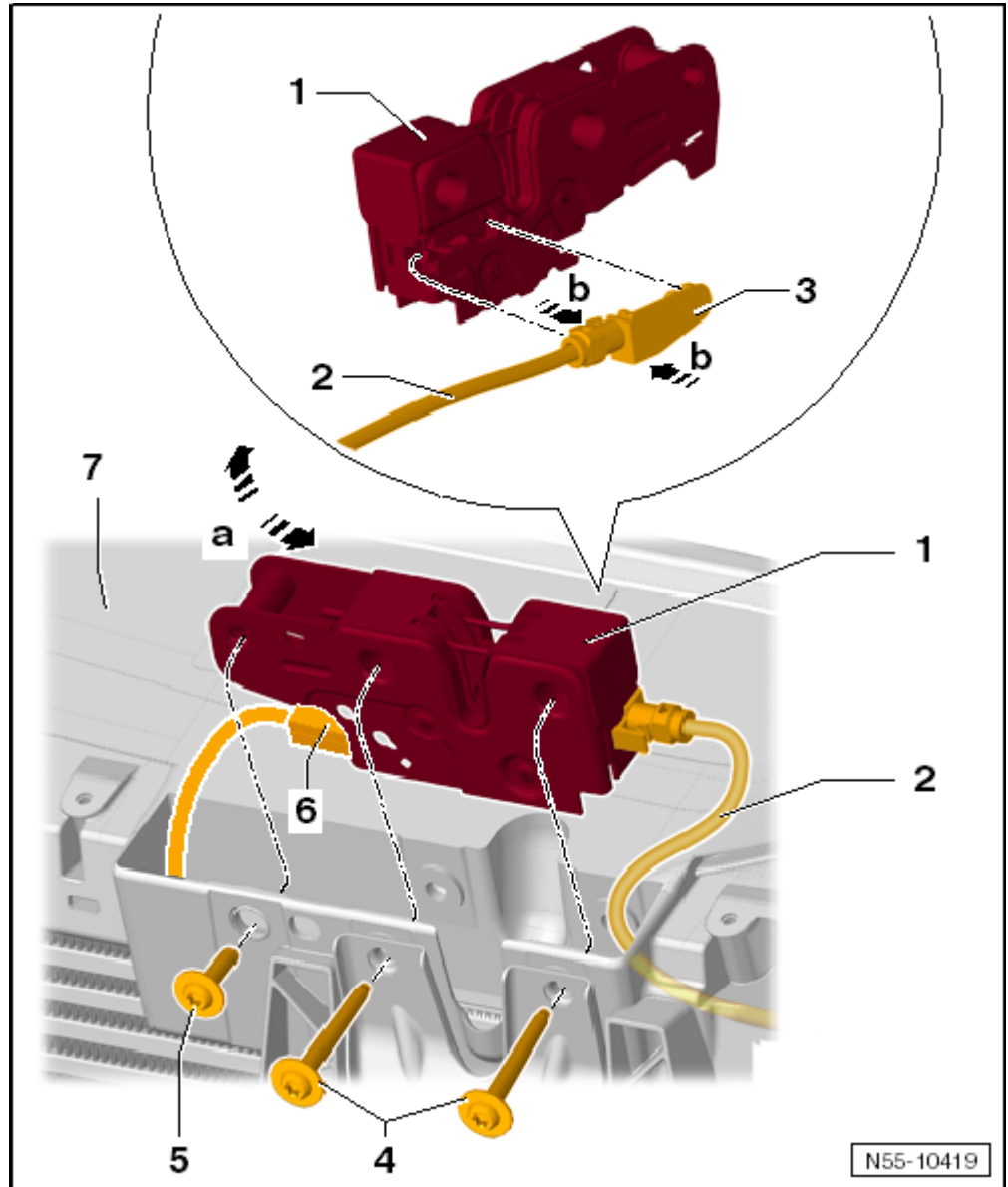
Golf

Component Locations

No. 864 / 11

Hood Latch

1 - Front Hood Switch - F266- integrated in the lid lock



Golf

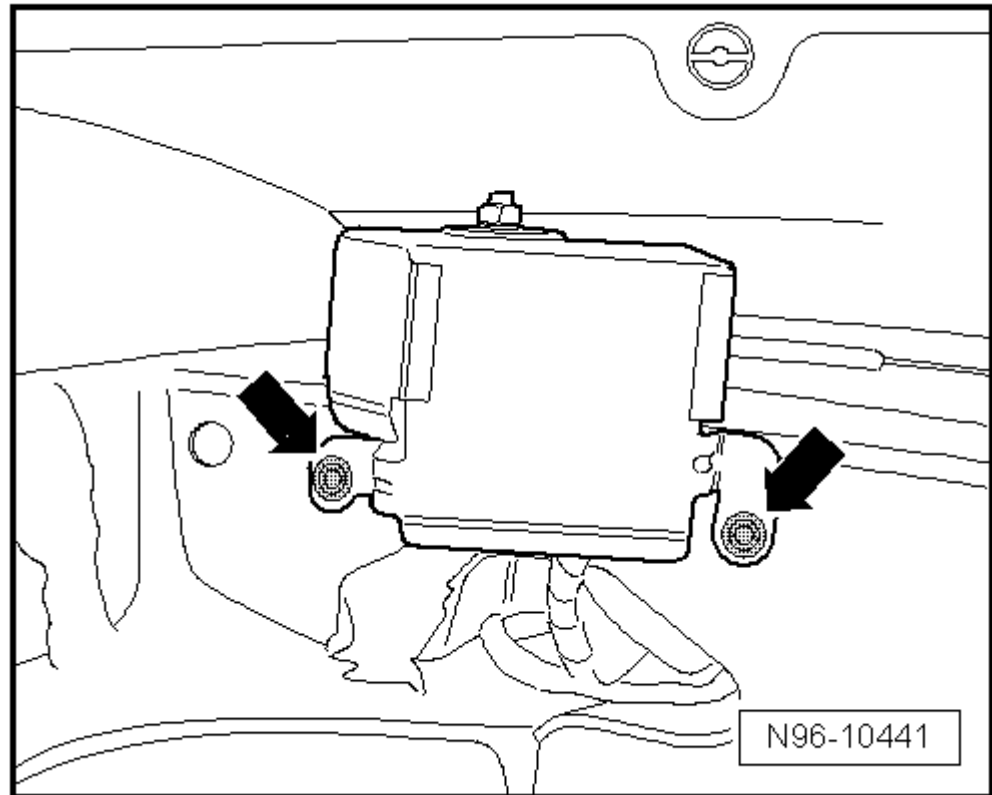
Component Locations

No. 864 / 12

Alarm Horn

-- Alarm Horn -
H12-

- Located: under the right fender in the wheel housing.



Golf

Component Locations

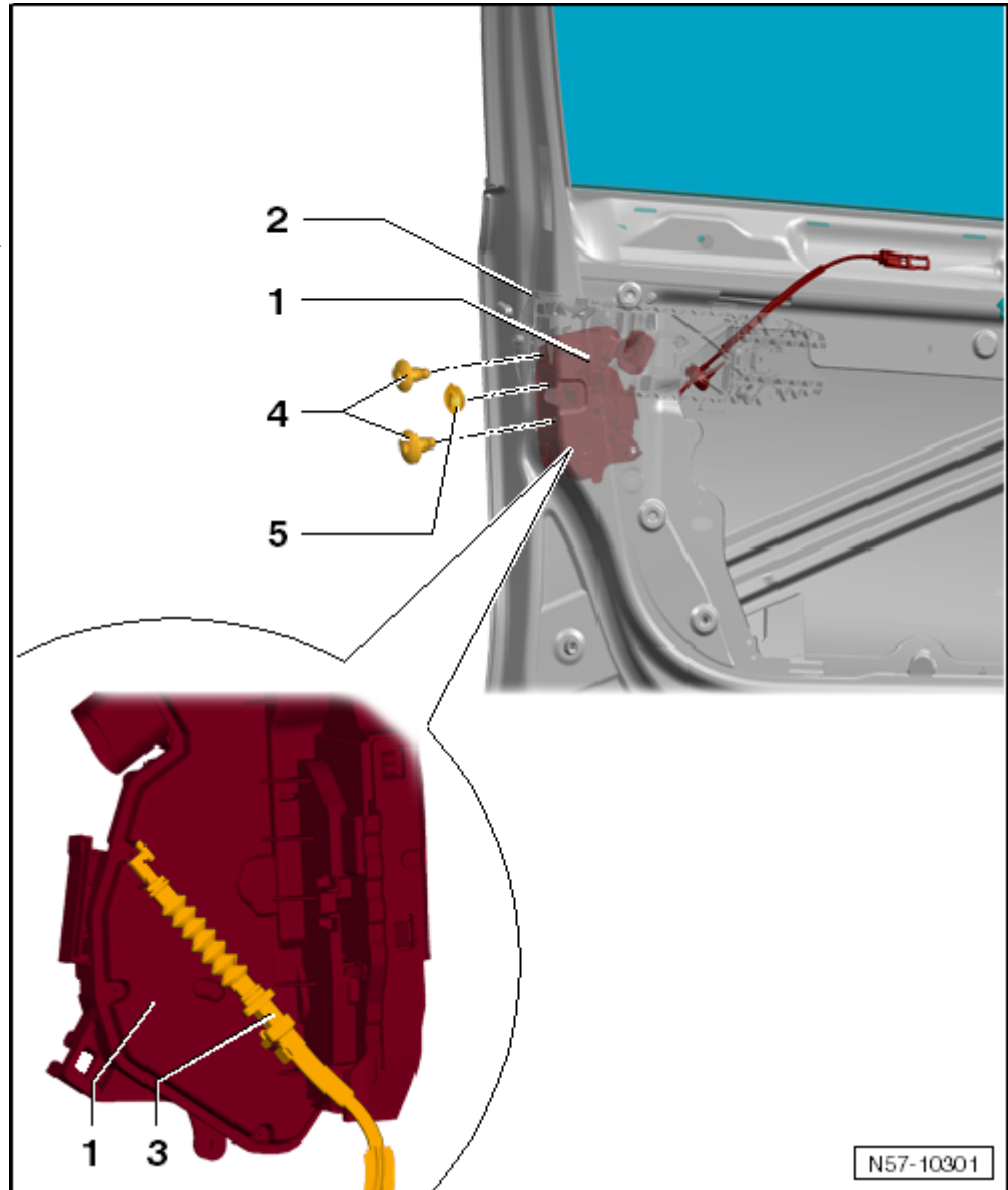
No. 864 / 13

Front Door Lock

1 - Front Door Lock

The driver and passenger door lock are integrated with the following:

- ◆ Driver Door Central Locking Lock Unit -F220-
- ◆ Driver Door Central Locking System Motor - V56-
- ◆ Driver Door Contact Switch -F2-
- ◆ Front Passenger Door Central Locking Lock Unit -F221-
- ◆ Front Passenger Door Contact Switch -F3-
- ◆ Front Passenger Door Central Locking System Motor -V57-



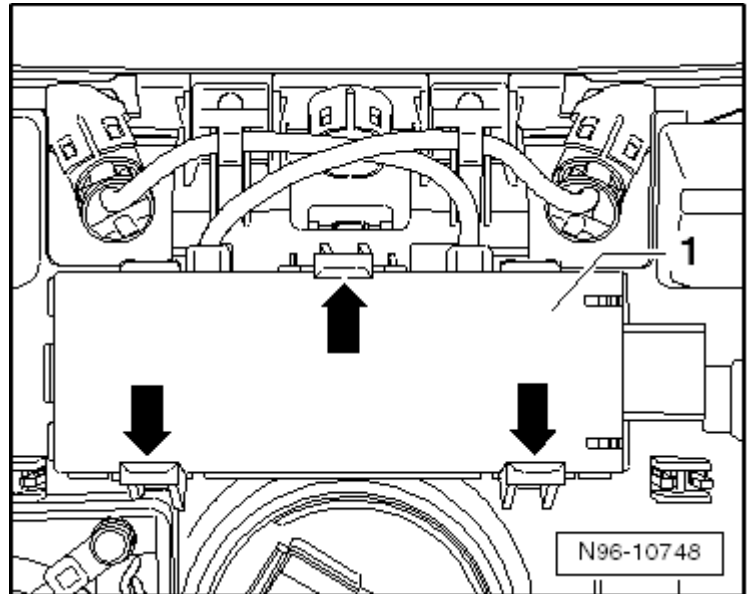
Golf

Component Locations

No. 864 / 14

Anti-Theft Alarm System Sensor

- 1 - Anti-Theft Alarm System Sensor -G578- .
Contains Vehicle Inclination Sensor -
G384- and Interior Monitoring Sensor -
G273-



Golf

Component Locations

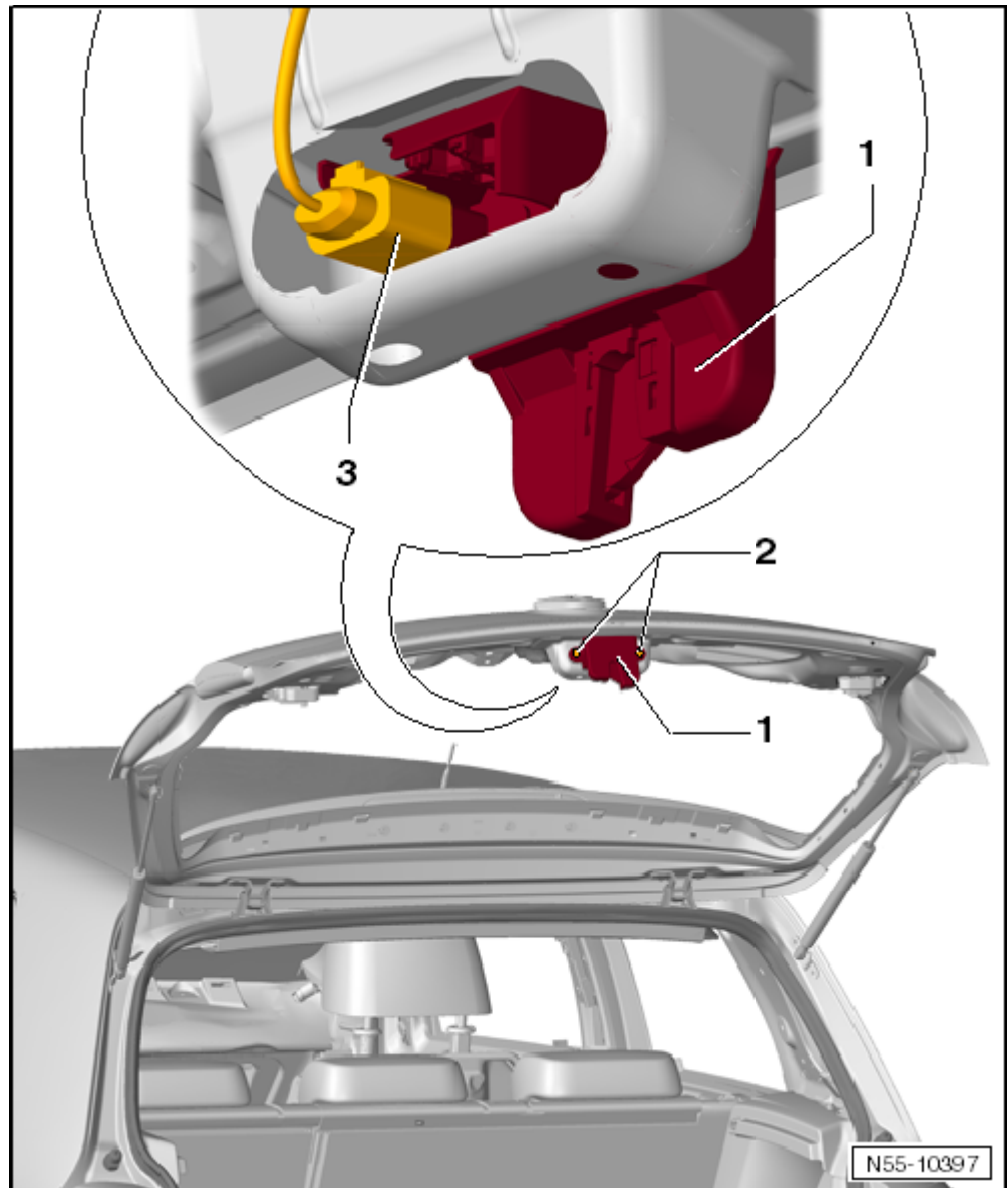
No. 864 / 15

Rear Lid Lock

1 - Rear Lid Lock

The rear lid lock unit is integrated with the following:

- ◆ Rear Lid Lock Unit - F256-
- ◆ Luggage Compartment Lamp Switch -F5-
- ◆ Rear Lid Unlock Motor - V139-



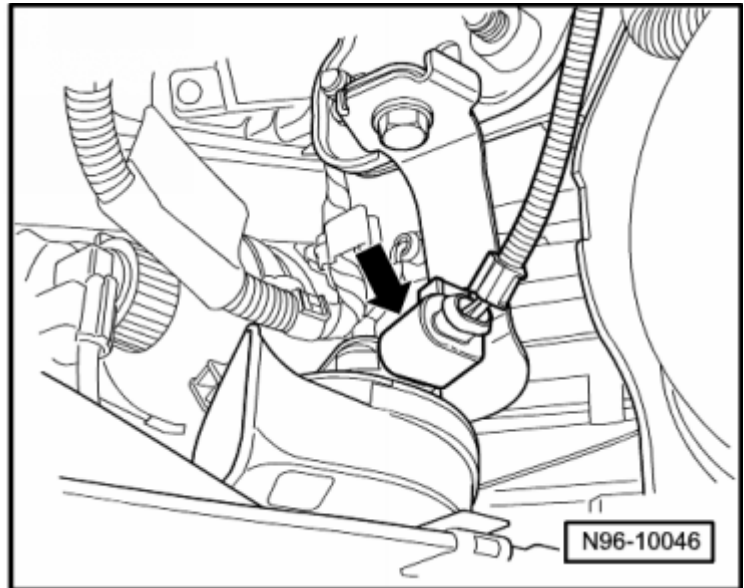
Golf

Component Locations

No. 864 / 16

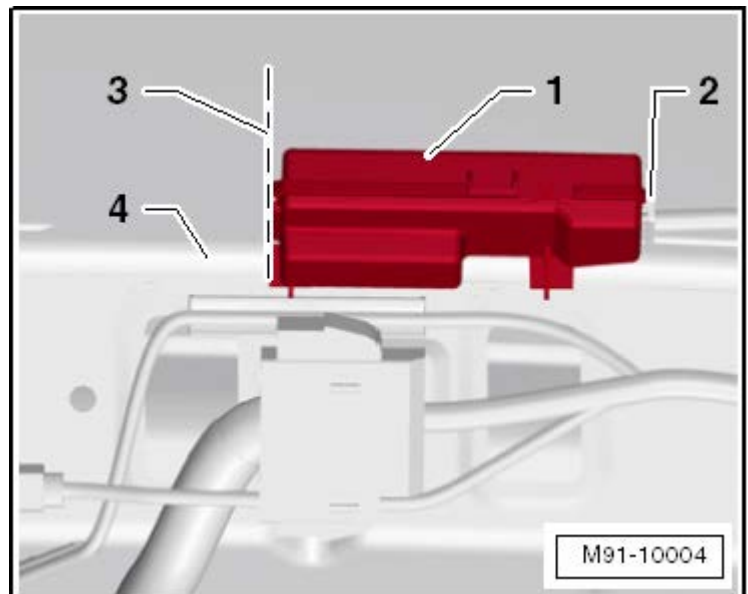
Horns

- - High Tone Horn -H2- or Low Tone Horn -H7- connector
- Installed on the left and right near the longitudinal members. Removed and installed the same way



Compass magnetic field sensor -G197-

- 1 - Located on the rear, under headliner assembly



Golf

Component Locations

No. 864 / 17

Access/Start Authorization Overview

2 - Front Passenger Exterior Door Handle

- includes Front passenger exterior door handle touch sensor -G416- and Front passenger access/start system antenna -R135-

3 - Access/start system antenna in rear bumper - R136-

4 - Access/start system antenna in luggage compartment -R137-


5 - Driver Side Outside Door Handle

- includes Driver exterior door handle touch sensor - G415- and Driver access/start system antenna -R134-

6 - Access/start system antenna 1 in vehicle interior -R138-

7 - Start system button -E378-

8 - Access/start authorization control module -J518-

 N94-11818

Golf**Component Locations****No. 851 / 1**

Edition 06.2009

Climatic / Climatronic Systems

- ◆ Climatic A/C System with Manual Control Component Overview
→ [Chapter](#)
- ◆ Climatronic A/C System with Automatic Control Component Overview → [Chapter](#)
- ◆ High Pressure Sensor → [Chapter](#)
- ◆ A/C compressor Regulator Valve → [Chapter](#)
- ◆ Air Quality Sensor → [Chapter](#)
- ◆ Outside Air Temperature Sensor → [Chapter](#)

Golf

Component Locations

No. 851 / 2

Climatic A/C System with Manual Control Overview**1 - Instrument panel****2 - Center vents****3 - Right side vent****4 - Right vent****5 - A/C Control Module -J301-**

- A/C Control Module -J301- is integrated with the following:

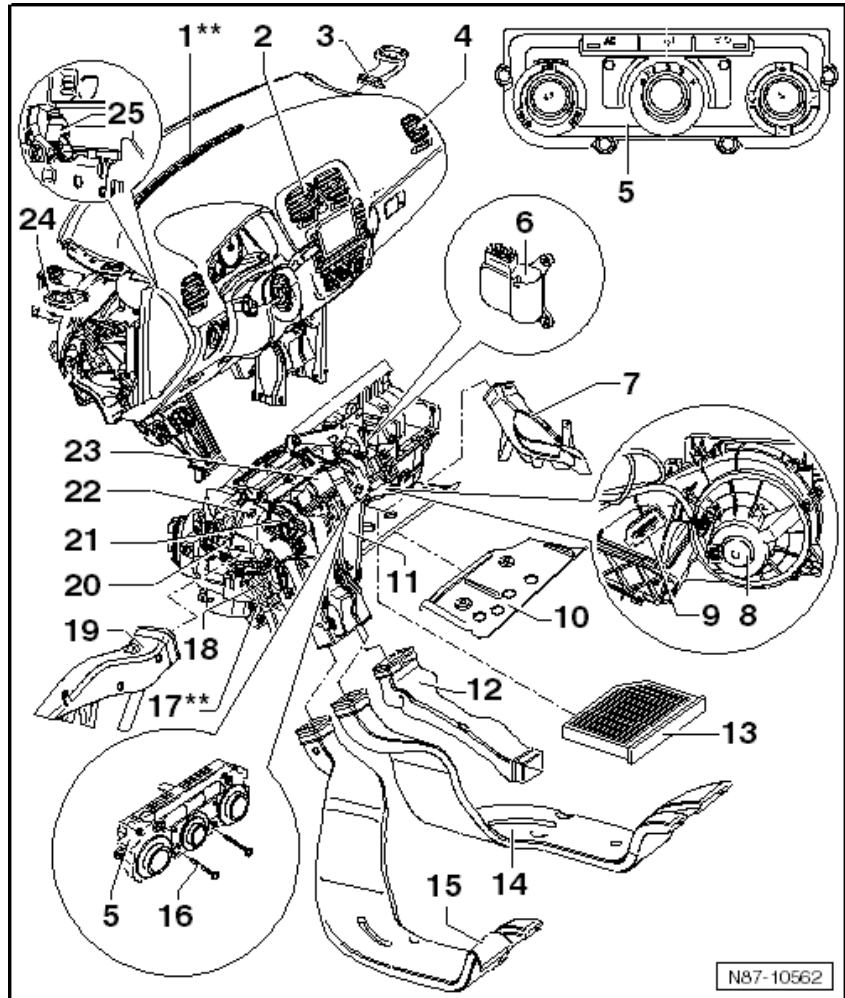
- ◆ Instrument Panel Interior Temperature Sensor -G56-
- ◆ Fresh Air/Recirculating Flap Switch -E159-
- ◆ Rear Window Defogger Switch -E230-
- ◆ Fresh Air Blower Switch -E9-
- ◆ Heated Driver Seat Adjuster -E94-
- ◆ Heated Front Passenger Seat Adjuster -E95-
- ◆ Immediate Heating Button -E537-
- ◆ Temperature Selector Knob Potentiometer -G267-

6 - Recirculation Flap Motor - V113- → Item

- Integrated with Recirculation Flap Motor Position Sensor -G143-
- Located around the intake housing
- Climatronic in Car Overview location → **Item**

7 - Right footwell vent**8 - Fresh air blower -V2- → Item**

- Accessible from footwell on front passenger side.
- Climatronic A/C System with Automatic Control Component Overview location → **Chapter**

9 - Fresh Air Blower Series Resistor With Fuse -N24- → Item**10 - Heating unit partition**

Golf

Component Locations

No. 851 / 3

Climatic A/C System with Manual Control Component Overview continued

11 - Evaporator Temperature Sensor -G308- or Evaporator Vent Temperature Sensor - G263- → Item

- ❑ One or both of the component designations will appear, depending on software. The tasks are the same
- ❑ Located in the right footwell trim
- ❑ Climatronic A/C System with Automatic Control Overview location → Item

12 - Sealing caps

- ❑ Only in vehicles without air guide to vent installed in center console at rear

13 - Dust and pollen filter

- ❑ Located in the right footwell trim

17 - Auxiliary Air Heater Heating Element -Z35- → Item

- ❑ Only installed on vehicles with Diesel engine without auxiliary heater
- ❑ Climatronic A/C System with Automatic Control Overview → Item

18 - Heat exchanger

19 - Left footwell vent

20 - Temperature Regulator Flap Motor -V68- → Item

- ❑ Integrated with Temperature Regulator Flap Motor Position Sensor -G92-
- ❑ Accessible from the left footwell trim

21 - Front Air Distribution Flap Motor -V426- with Front Air Distribution Flap Motor Position Sensor - G642- /Air distribution door motor -V428- with Air distribution door motor position sensor -G645-

- ❑ Climatronic A/C System with Automatic Control Overview location → Item

22 - Footwell Outlet Temperature Sensor -G192- → Fig.

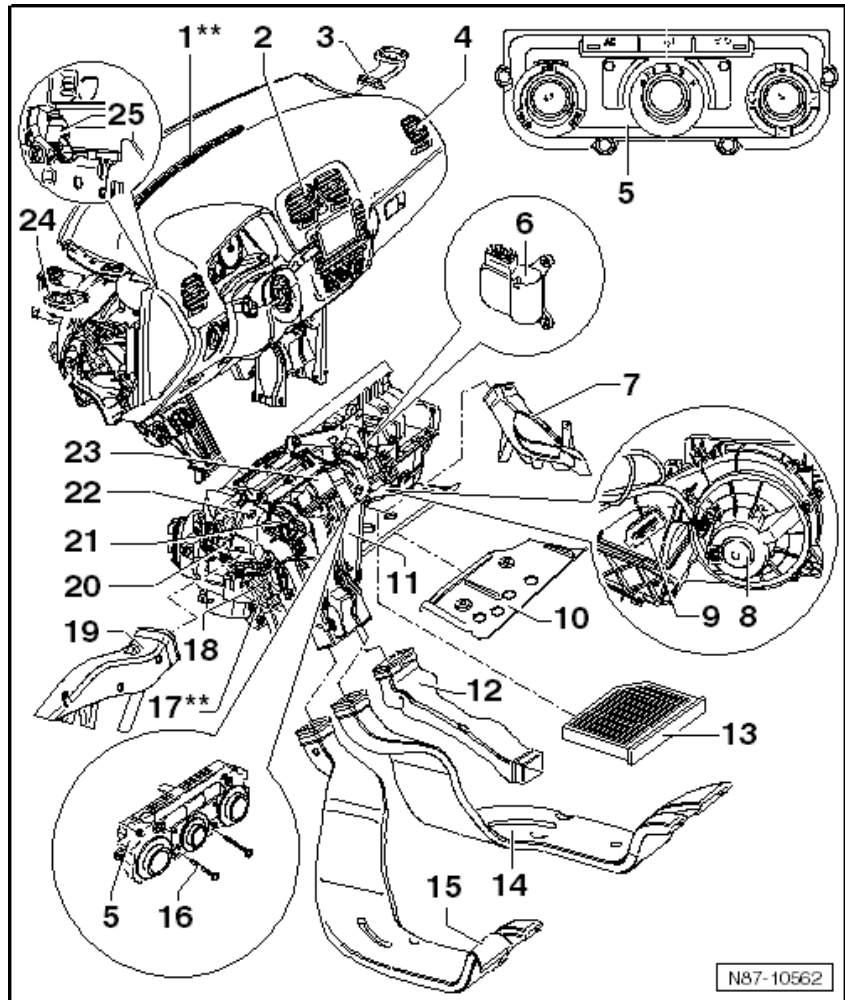
- ❑ Located at the left footwell vent

23 - Heating and A/C unit

24 - Left side vent

25 - Center Outlet Temperature Sensor -G191- → Fig.

- ❑ Located behind cover at left of instrument panel



Golf

Component Locations

No. 851 / 4

Climatic in Car Overview**1 - Temperature Regulator Flap Motor -V68- → Fig.**

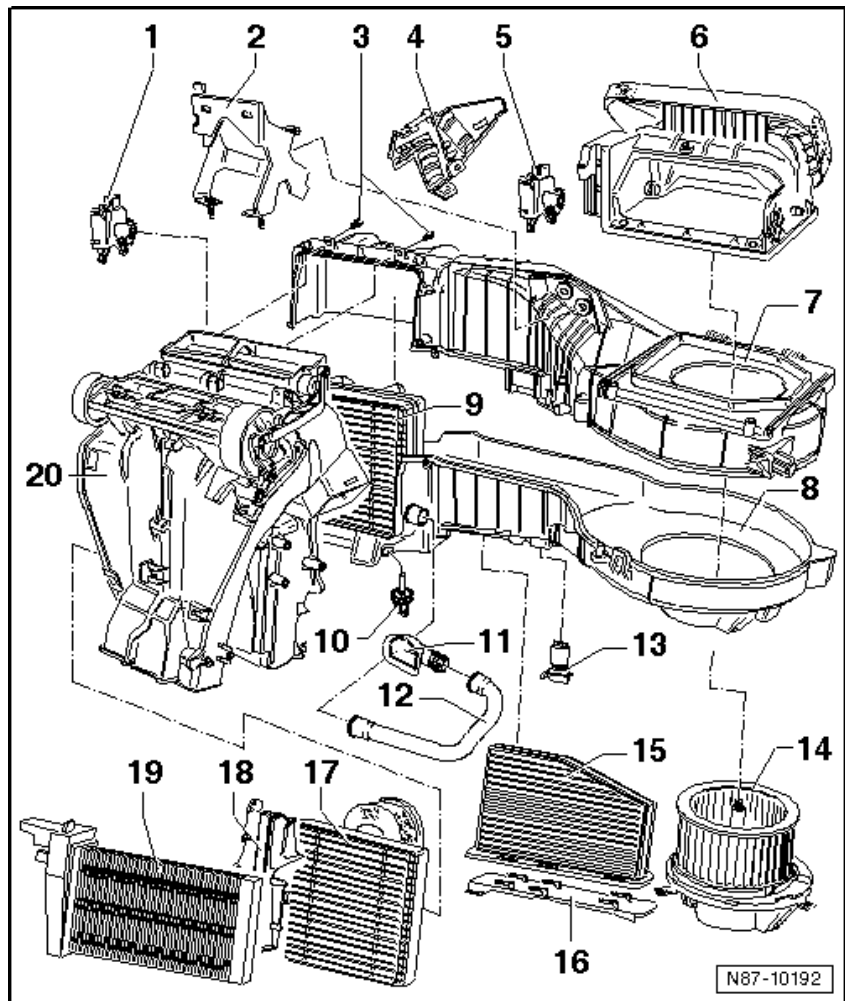
- Accessible from the left footwell trim

2 - Bracket**4 - Cover****5 - Recirculation Flap Motor - V113- → Fig.**

- Integrated with Recirculation Flap Motor Position Sensor - G143-
- Climatronic in Car Overview location → Item

6 - Housing for air entry**7 - Evaporator housing: Upper part****8 - Evaporator housing: Lower part****9 - Evaporator****10 - Evaporator Temperature Sensor -G308- or Evaporator Vent Temperature Sensor - G263- → Fig.**

- One or both of the component designations will appear, depending on software. The tasks are the same
- located in the right footwell trim
- Climatronic A/C System with Automatic Control Overview location → Item

11 - Connection for glove compartment cooling**12 - Cooling hose for glove compartment cooling****13 - Fresh Air Blower Series Resistor With Fuse -N24- → Fig.**

Golf

Component Locations

No. 851 / 5

Climatic in Car Overview continued

14 - Fresh air blower -V2- → Fig.

- Climatronic A/C System with Automatic Control Component Overview location → Chapter

15 - Dust and pollen filter

16 - Cover

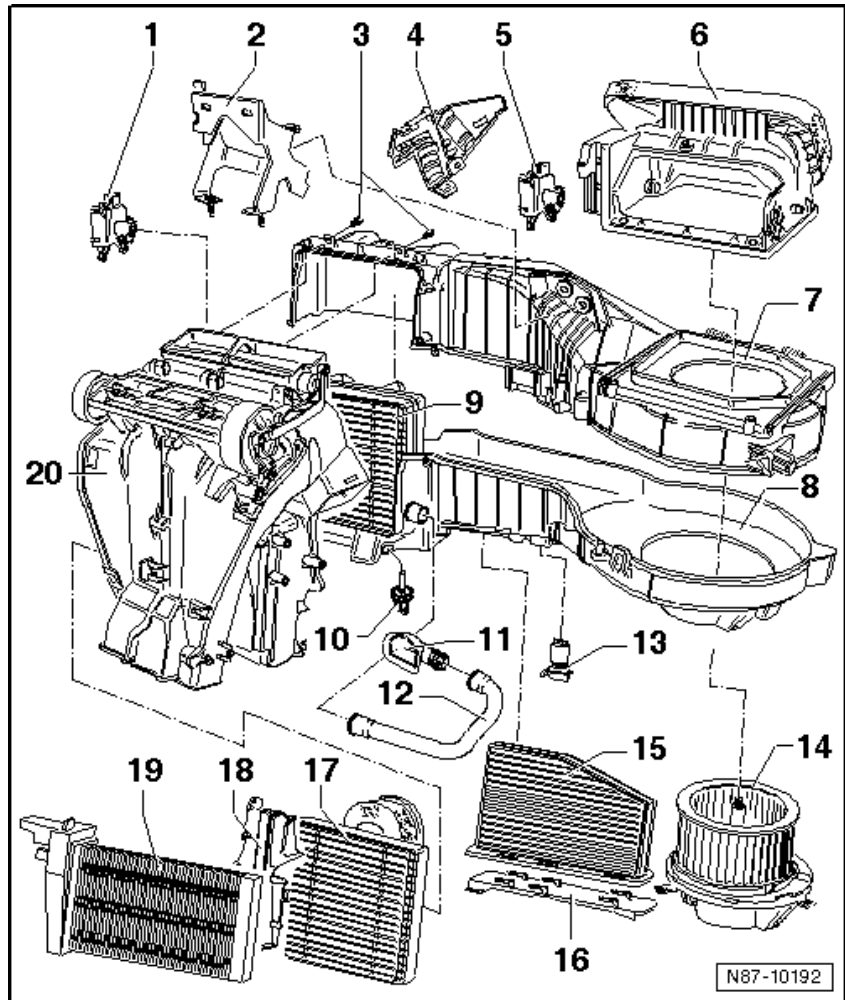
17 - Heat exchanger

18 - Heater core trim

19 - Auxiliary Air Heater Heating Element -Z35-

- Only on vehicles with Diesel engine without auxiliary heater
- Climatronic A/C System with Automatic Control Overview → Item

20 - Air distribution housing



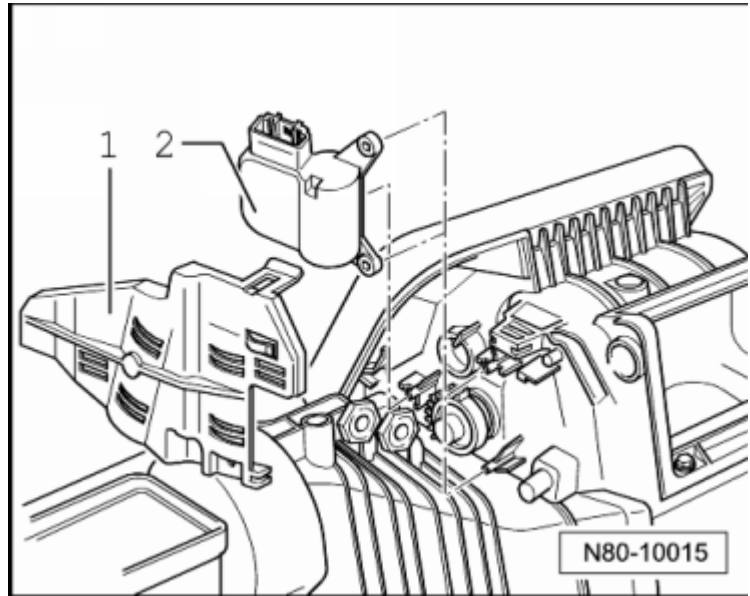
Golf

Component Locations

No. 851 / 6

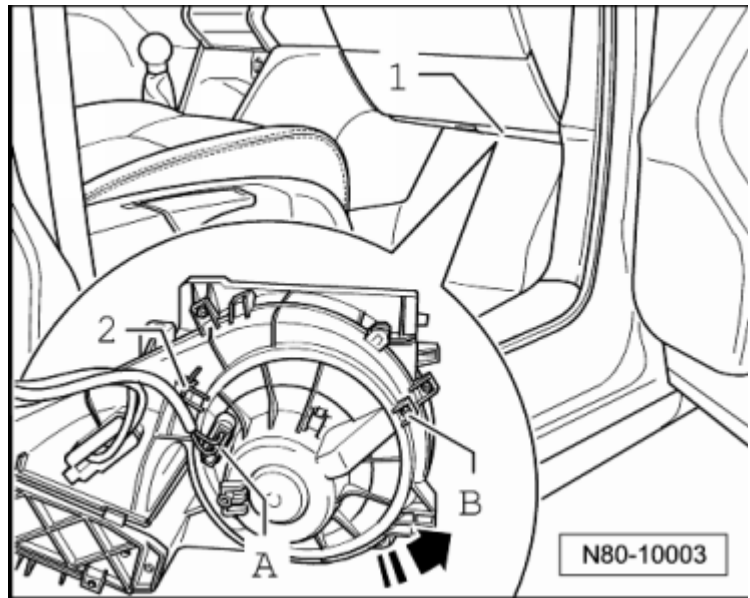
Recirculation Flap Motor

2 - Recirculation Flap Motor -V113-



Fresh air blower

A - Fresh air blower -V2-



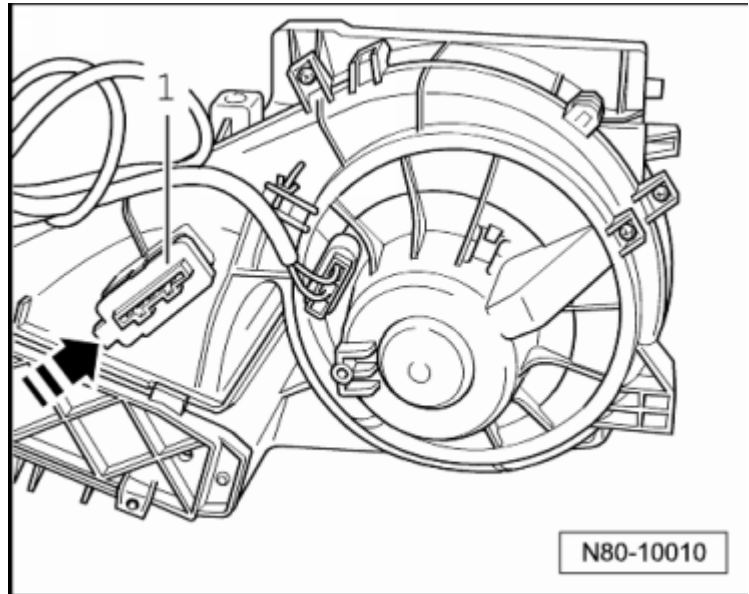
Golf

Component Locations

No. 851 / 7

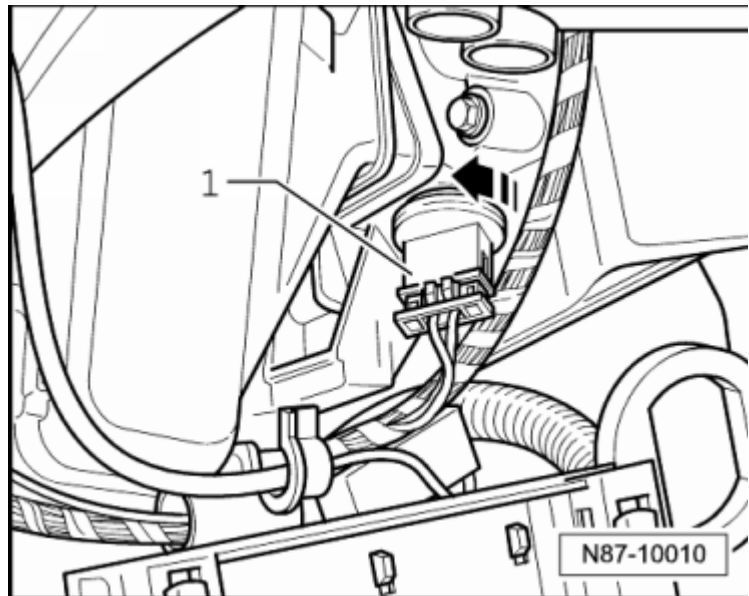
Fresh Air Blower Series Resistor With Fuse

- 1 - Fresh Air Blower Series Resistor With Fuse -N24-



Evaporator Temperature Sensor or Evaporator Vent Temperature Sensor

- 1 - Evaporator Temperature Sensor -G308- or Evaporator Vent Temperature Sensor - G263-



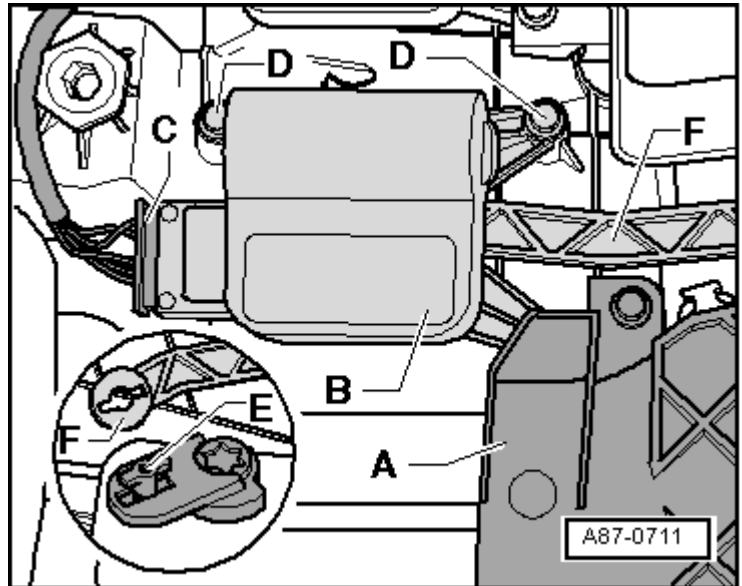
Golf

Component Locations

No. 851 / 8

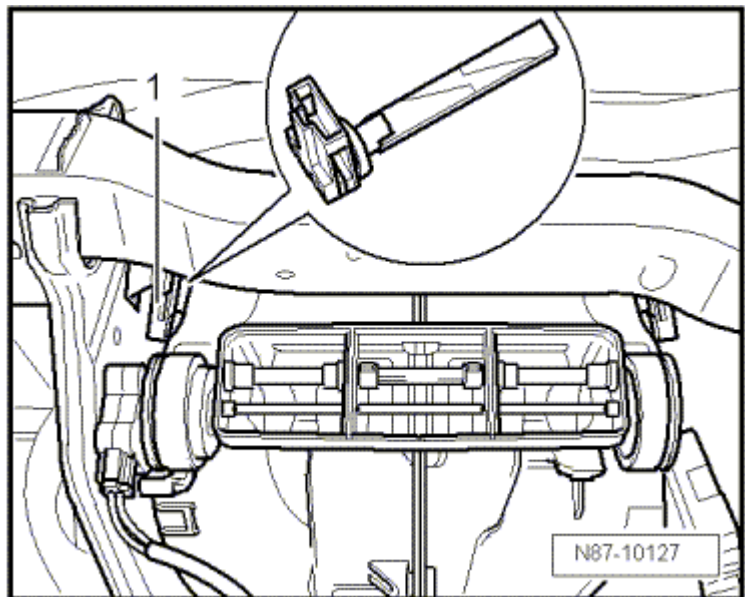
Temperature Regulator Flap Motor

B - Temperature Regulator Flap Motor -V68- -
integrated



Footwell Outlet Temperature Sensor

1 - Footwell Outlet Temperature Sensor -
G192-



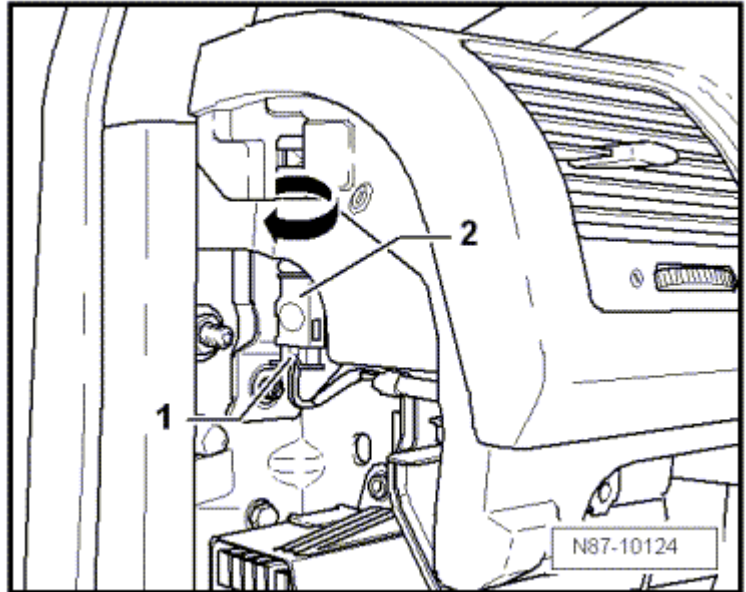
Golf

Component Locations

No. 851 / 9

Center Outlet Temperature Sensor

2 - Center Outlet Temperature Sensor -G191-



Golf

Component Locations

No. 851 / 10

Climatronic A/C System with Automatic Control Overview

1 - Instrument panel

2 - Sunlight Photo Sensor -G107-
or Sunlight Photo Sensor 2 -
G134- → Fig.

- Located on the dash near the windshield

3 - Center vents

4 - Right side vent

5 - Air outlet

6 - Right Vent Temperature
Sensor -G151- → Fig.

- Removal of sensors on both sides is identical, only the sides are reversed
- Located behind cover at left/right of instrument panel

7 - Climatronic Control Module -
J255-

- Integrated with A/C Display Control Head -E87-
- Located in the instrument panel

8 - Fresh Air/Recirculating
Air/Back Pressure Flap Motor
Position Sensor -G644- and
Fresh Air/Recirculating
Air/Back Pressure Flap Motor -
V425- → Item

9 - Right footwell vent

10 - Fresh air blower -V2- with
Fresh Air Blower Control
Module -J126- → Item

- Accessible from footwell on front passenger side

11 - Plug connector

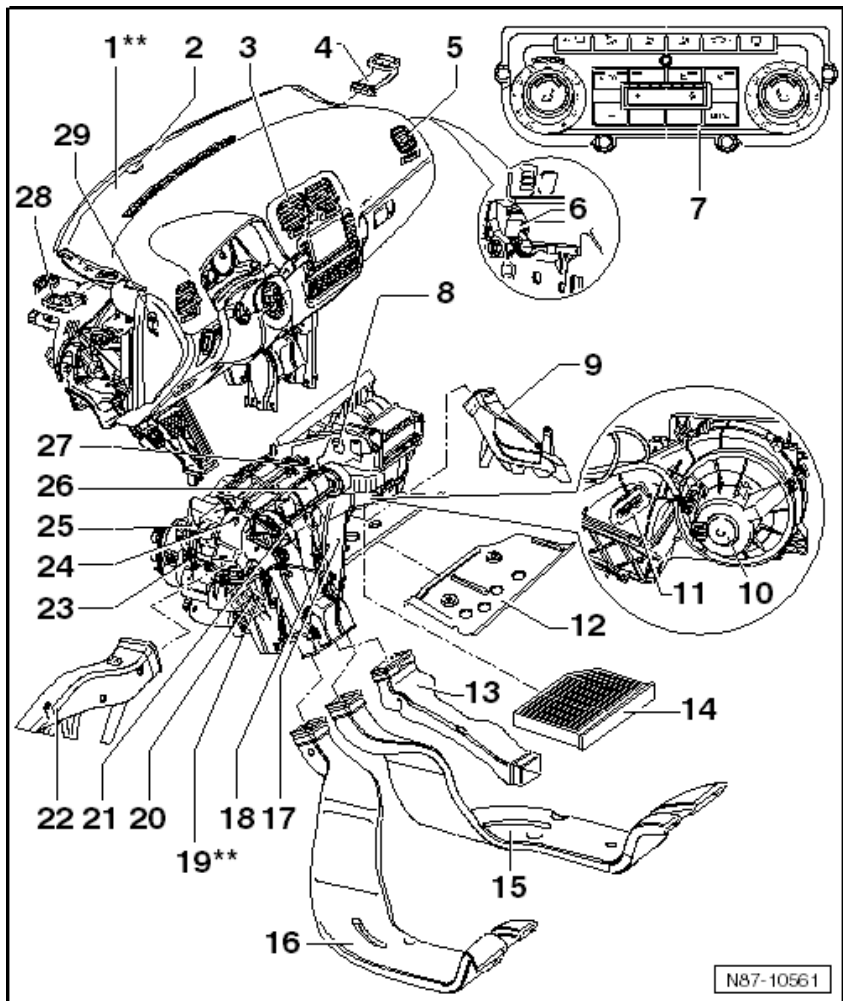
12 - Heating unit partition

13 - Connector

14 - Dust and pollen filter

15 - Rear channel for right footwell

16 - Rear channel for left footwell



Golf

Component Locations

No. 851 / 11

Climatronic A/C System with Automatic Control Component Overview continued

17 - Evaporator Temperature Sensor -G308- or Evaporator Vent Temperature Sensor - G263- → Item

- ❑ One or both of the component designations will appear, depending on software. The tasks are the same
- ❑ Located in the right footwell trim

18 - Right Temperature Flap Motor -V159- → Item

- ❑ Integrated with Right Temperature Flap Potentiometer/Actuator -G221-
- ❑ Located in the right footwell vent

19 - Auxiliary Air Heater Heating Element -Z35- → Item

- ❑ Only installed on vehicles with Diesel engine without auxiliary heater

20 - Heat exchanger

21 - Front Air Distribution Flap Motor -V426- with Front Air Distribution Flap Motor Position Sensor -G642-

22 - Left footwell vent

23 - Left Temperature Flap Motor - V158-

→ Item

- ❑ Integrated with Left Temperature Flap Potentiometer/Actuator -G220-

- ❑ Located in the left footwell vent

24 - Left Footwell Vent Temperature Sensor -G261- → Fig.

- ❑ Located in the left footwell vent

25 - Defroster Flap Motor -V107- → Item

- ❑ Integrated with Defroster Flap Motor Position Sensor -G135-

26 - Heating and A/C unit

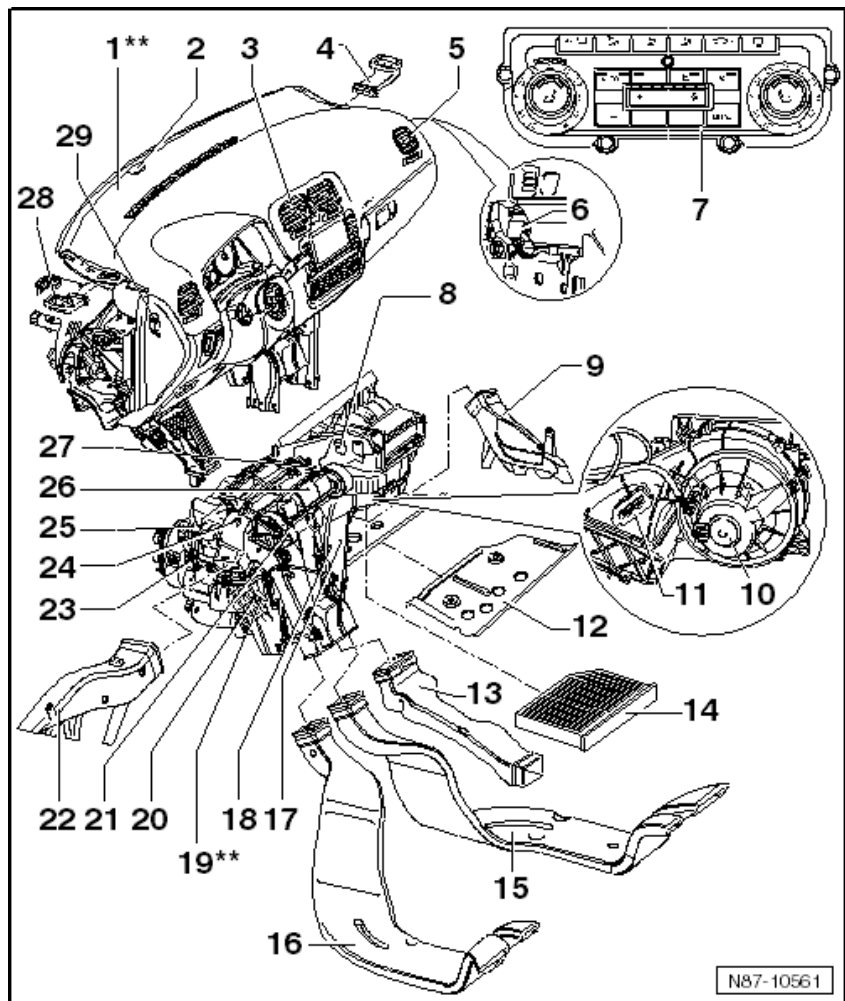
27 - Right Footwell Vent Temperature Sensor -G262- → Fig.

- ❑ Located in the right footwell vent

28 - Left side vent

29 - Left Vent Temperature Sensor -G150- → Fig.

- ❑ Removal of sensors on both sides is identical, only the sides are reversed
- ❑ Located behind cover at left/right of instrument panel



Golf

Component Locations

No. 851 / 12

Climatronic in Car Overview**1 - Central Air Flap Motor -V70-**

→ Fig.

- Integrated with Central Flap Motor Position Sensor -G112-
- Located behind the instrument panel

2 - Left Temperature Flap Motor - V158- → Fig.

- Integrated with Left Temperature Flap Potentiometer/Actuator -G220-
- Located in the right footwell vent

3 - Defroster Flap Motor -V107-

→ Fig.

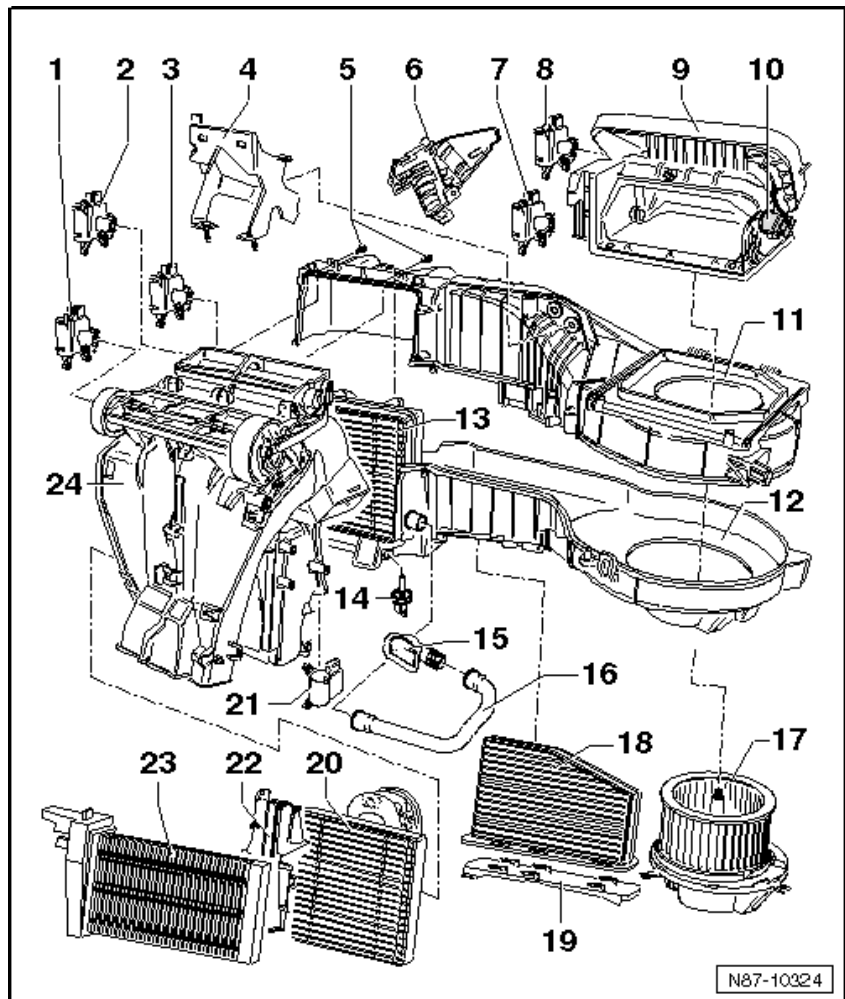
- Integrated with Defroster Flap Motor Position Sensor -G135-

4 - Bracket**5 - Screws****6 - Cover****7 - Recirculation Flap Motor - V113-** → Fig.

- Integrated with Recirculation Flap Motor Position Sensor - G143-
- Vehicles from 05.07 the Recirculation Flap Motor - V113- is discontinued.
- Located around the intake housing

8 - Air Flow Flap Motor -V71- and Fresh Air/Recirculating Air/Back Pressure Flap Motor - V425-

- Vehicles through 04.07 air flow door motor Air Flow Flap Motor -V71- → Fig.
- Integrated with Back Pressure Flap Motor Position Sensor -G113-
- Vehicles from 05.07 Fresh Air/Recirculating Air/Back Pressure Flap Motor -V425- → Fig.
- Integrated with Fresh Air/Recirculating Air/Back Pressure Flap Motor Position Sensor -G644-



Golf

Component Locations

No. 851 / 13

Climatronic in Car Overview continued

9 - Housing for air entry

10 - Fresh Air Intake Duct
Temperature Sensor -G89-

- Only installed on vehicles through 12.05

11 - Evaporator housing: Upper part

12 - Evaporator housing: Lower part

13 - Evaporator

14 - Evaporator Temperature Sensor -G308- or Evaporator Vent Temperature Sensor -G263- → Fig.

- One or both of the component designations will appear, depending on software. The tasks are the same
- Located in the right footwell trim

15 - Connection for glove compartment cooling

16 - Cooling hose for glove compartment cooling

17 - Fresh air blower -V2- with Fresh Air Blower Control Module -J126- → Fig.

- Accessible from footwell on front passenger side

18 - Dust and pollen filter

19 - Cover

20 - Heat exchanger

21 - Right Temperature Flap Motor -V159- → Fig.

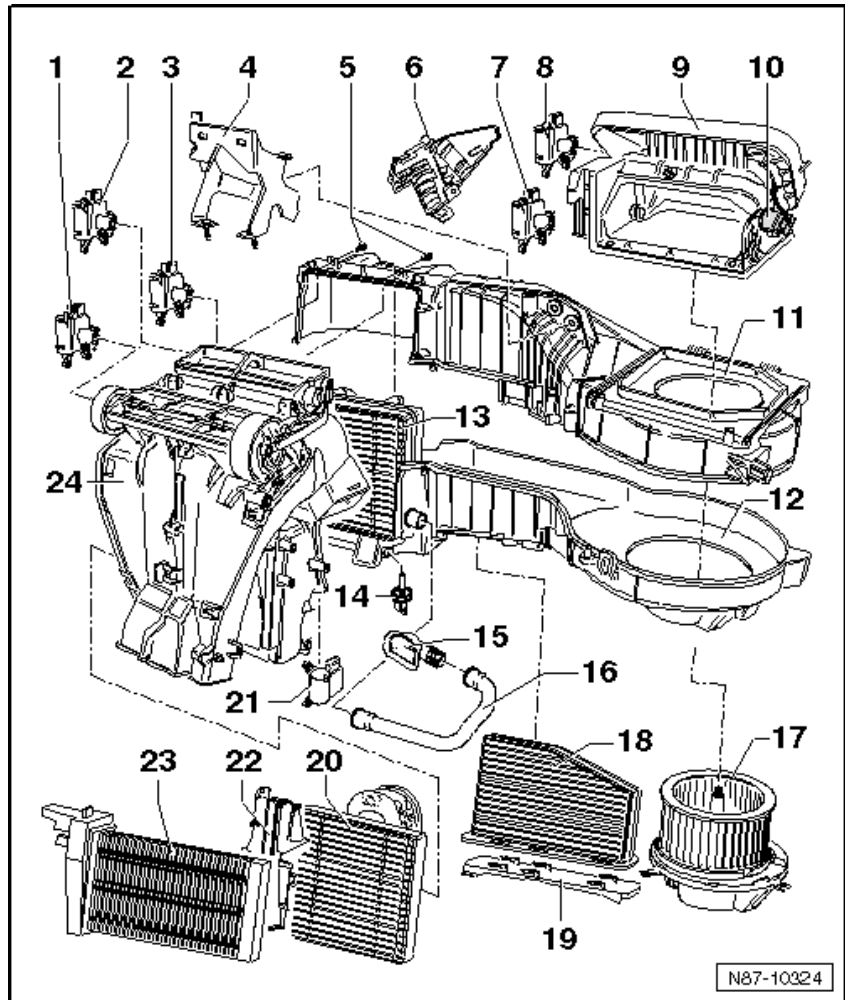
- Integrated with Right Temperature Flap Potentiometer/Actuator -G221-
- Located in the right footwell vent

22 - Heater core trim

23 - Auxiliary Air Heater Heating Element -Z35-

- Only installed on vehicles with Diesel engine without auxiliary heater

24 - Air distribution housing



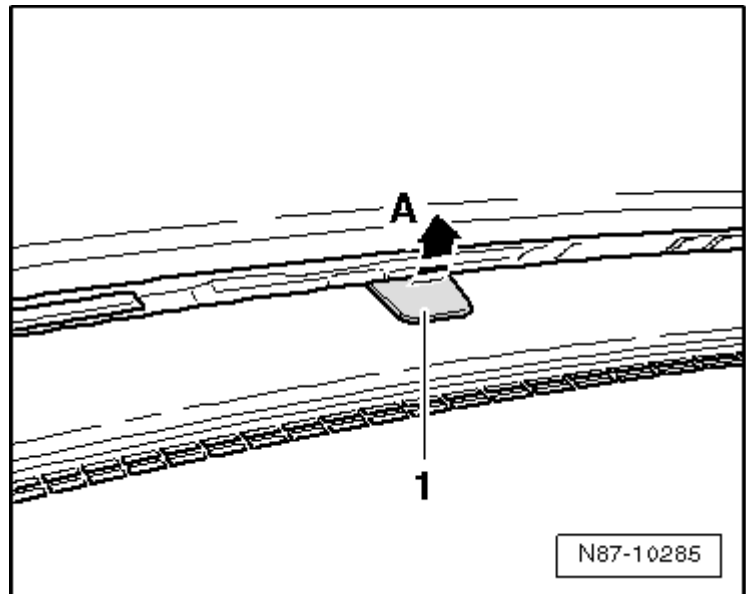
Golf

Component Locations

No. 851 / 14

Sunlight Photo Sensor

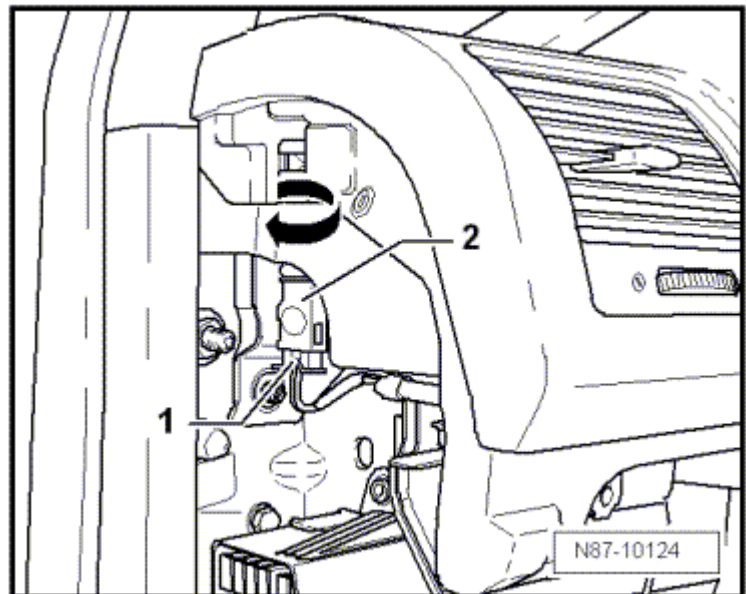
- 1 - Sunlight Photo Sensor -G107- or Sunlight Photo Sensor 2 -G134-



Temperature Sensor

- 2 - Right Vent Temperature Sensor -G151- or Left Vent Temperature Sensor -G150-

- Removal of sensors on both sides is identical, only the sides are reversed



Golf

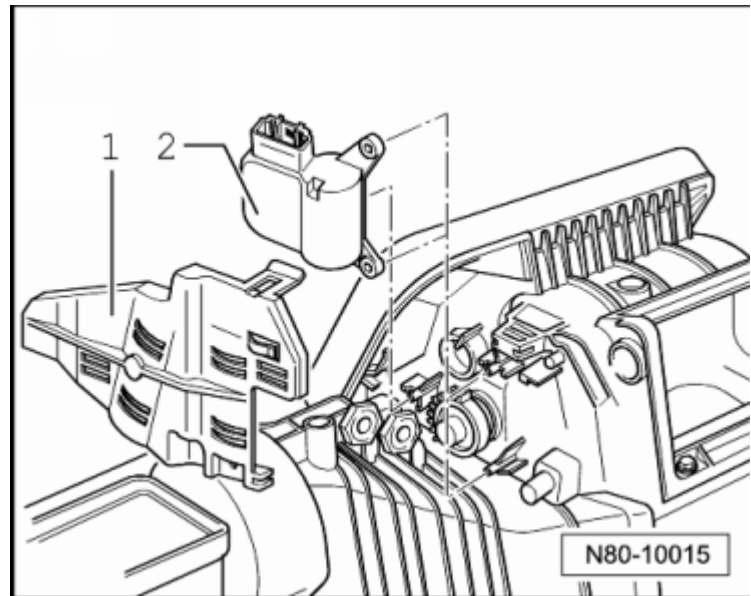
Component Locations

No. 851 / 15

Air Flow Flap Motor

2 - Air Flow Flap Motor -V71-

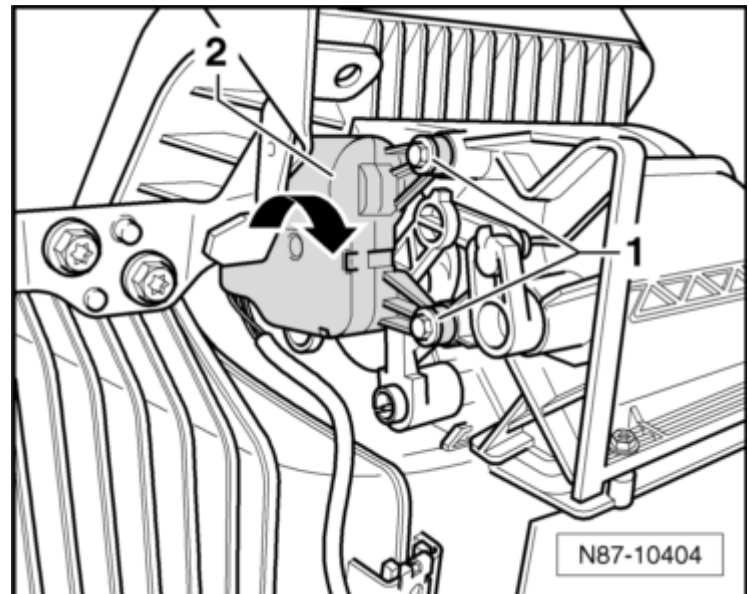
- Integrated with Back Pressure Flap Motor
Position Sensor -G113-



Fresh Air/Recirculating Air/Back Pressure Flap Motor

2 - Fresh Air/Recirculating Air/Back Pressure
Flap Motor -V425-

- Integrated with Fresh Air/Recirculating Air/Back
Pressure Flap Motor Position Sensor -G644-



Golf

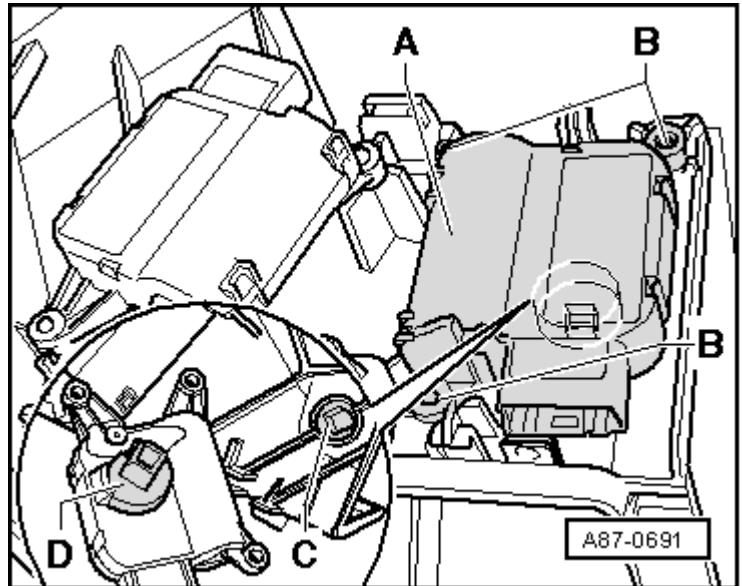
Component Locations

No. 851 / 16

Recirculation Flap Motor

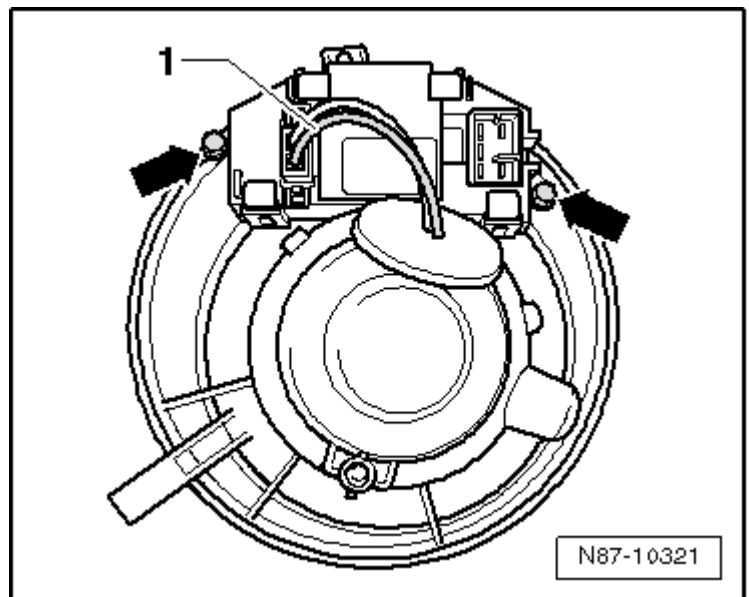
-- Recirculation Flap Motor -V113-

- Integrated with Recirculation Flap Motor Position Sensor -G143-



Fresh air blower with Fresh Air Blower Control Module

A - Fresh air blower -V2- with Fresh Air Blower Control Module -J126-



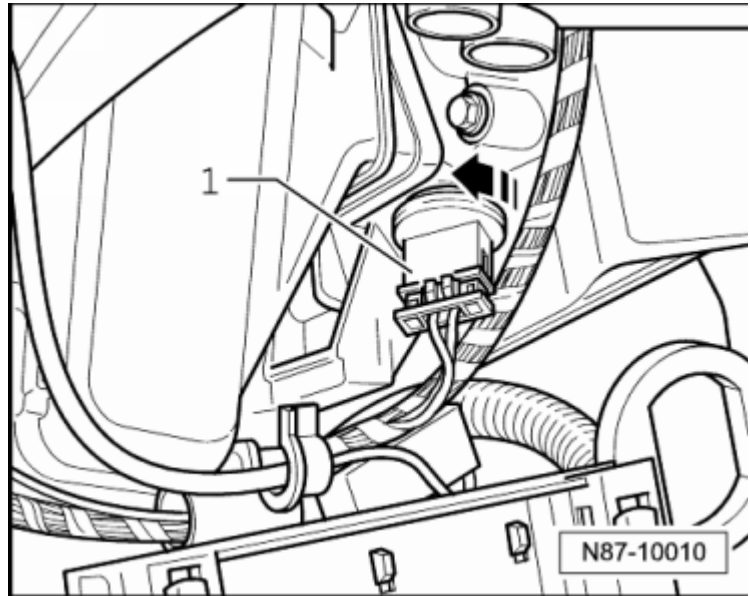
Golf

Component Locations

No. 851 / 17

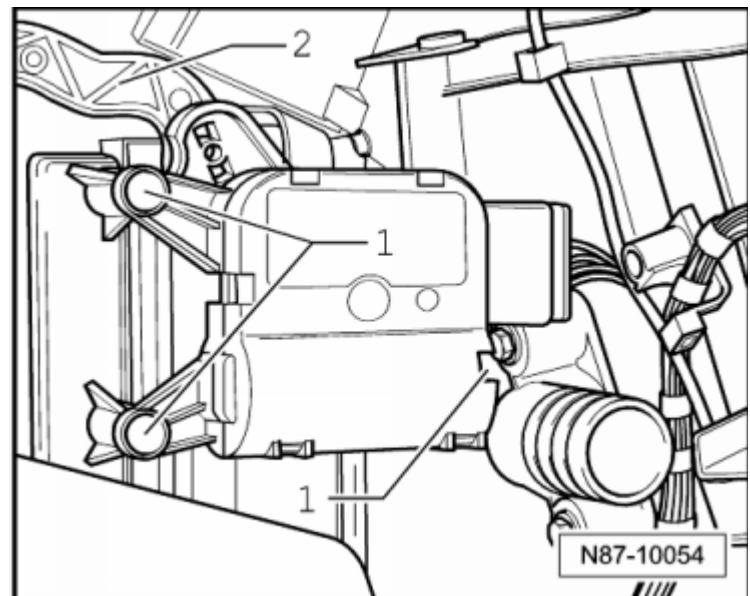
Evaporator Temperature Sensor or Evaporator Vent Temperature Sensor

- 1 - Evaporator Temperature Sensor -G308- or Evaporator Vent Temperature Sensor - G263-



Right Temperature Flap Motor

- 1 - Right Temperature Flap Motor -V159- - integrated with Right Temperature Flap Potentiometer/Actuator -G221-



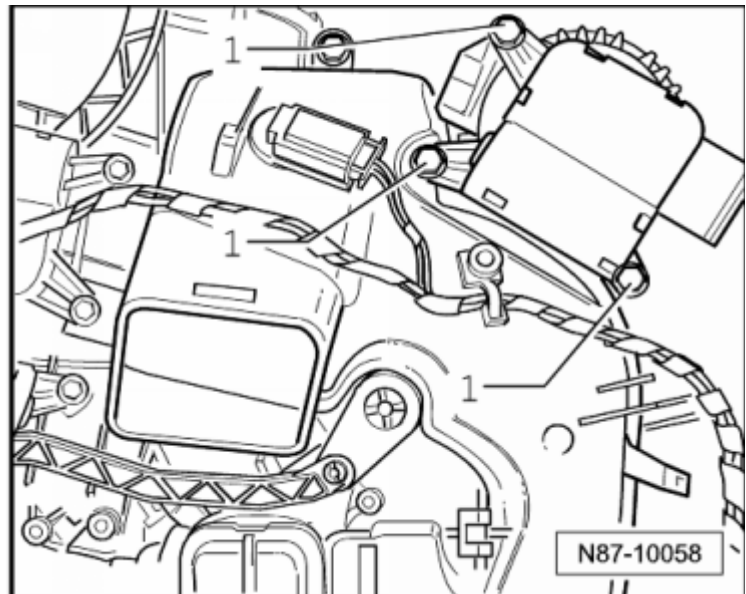
Golf

Component Locations

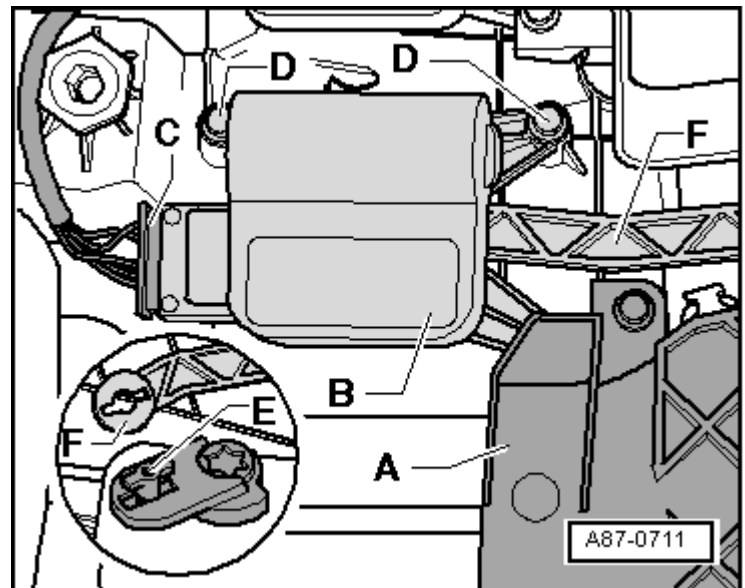
No. 851 / 18

Central Air Flap Motor

1 - Central Air Flap Motor -V70- - integrated with Central Flap Motor Position Sensor - G112-

**Left Temperature Flap Motor**

B - Left Temperature Flap Motor -V158- - integrated with Left Temperature Flap Potentiometer/Actuator -G220-

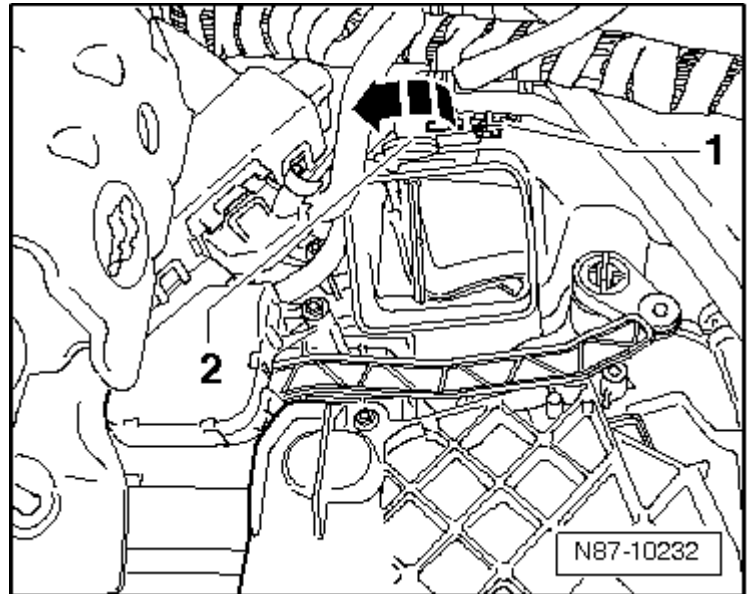


Golf

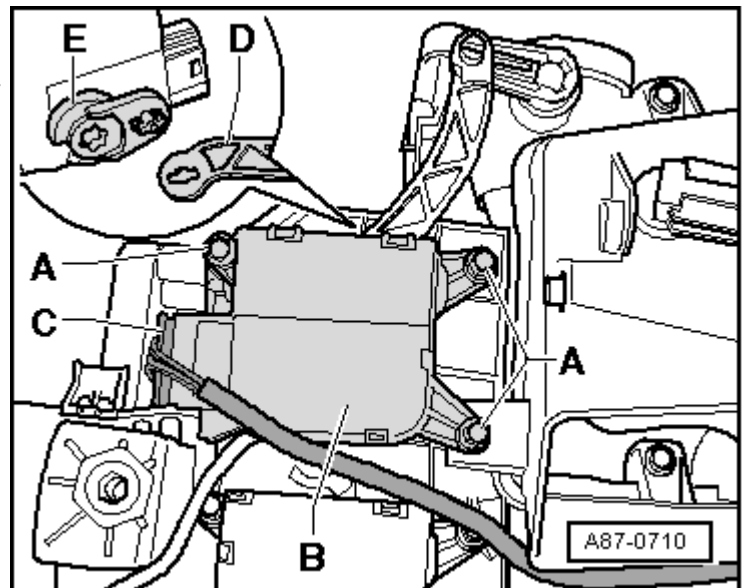
Component Locations

No. 851 / 19

Left Footwell Vent Temperature Sensor
2 - Left Footwell Vent Temperature Sensor - G261-



Defroster Flap Motor
B - Defroster Flap Motor -V107- - integrated with Defroster Flap Motor Position Sensor - G135-



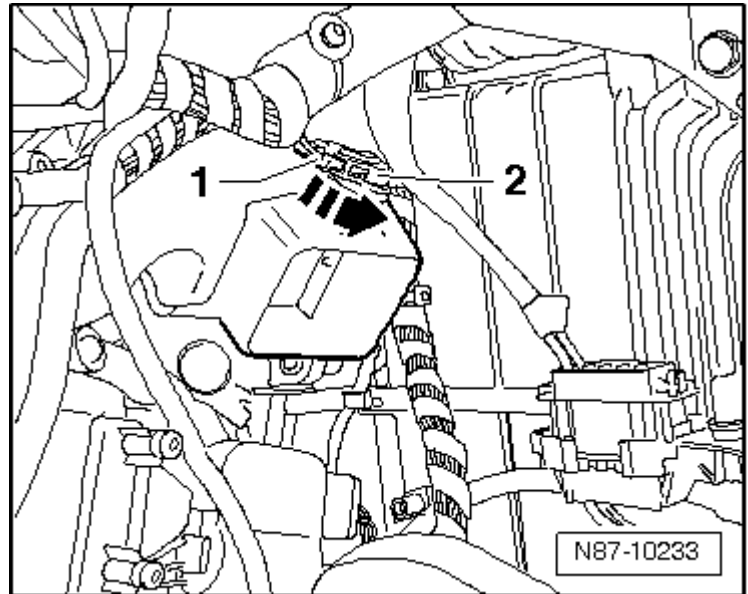
Golf

Component Locations

No. 851 / 20

Right Footwell Vent Temperature Sensor

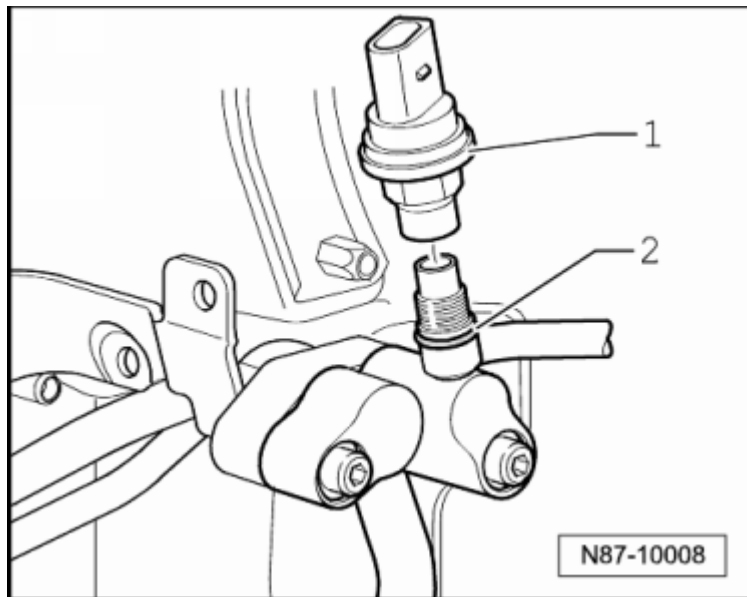
- 2 - Right Footwell Vent Temperature Sensor - G262-



High Pressure Sensor

- 1 - High Pressure Sensor -G65-

- High Pressure Sensor -G65--1- may also be installed on a different side in the vicinity of the condenser, depending on the engine version



Golf

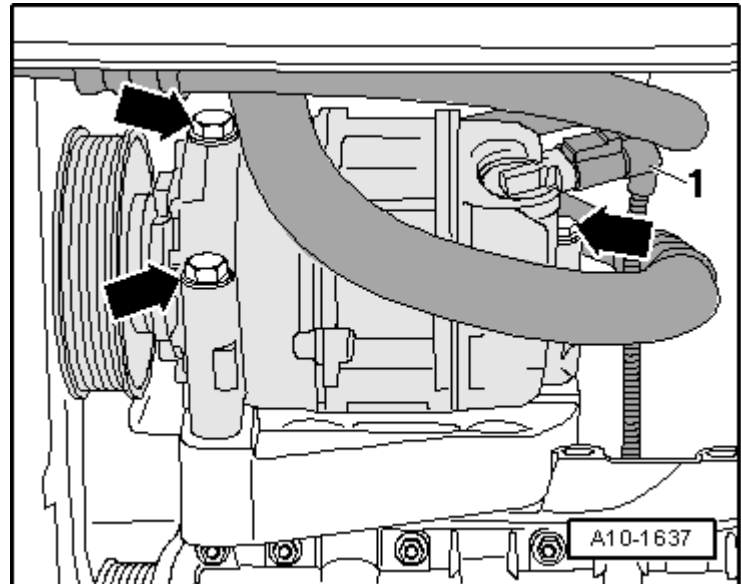
Component Locations

No. 851 / 21

A/C Compressor Regulator Valve

1 - A/C Compressor Regulator Valve -N280-

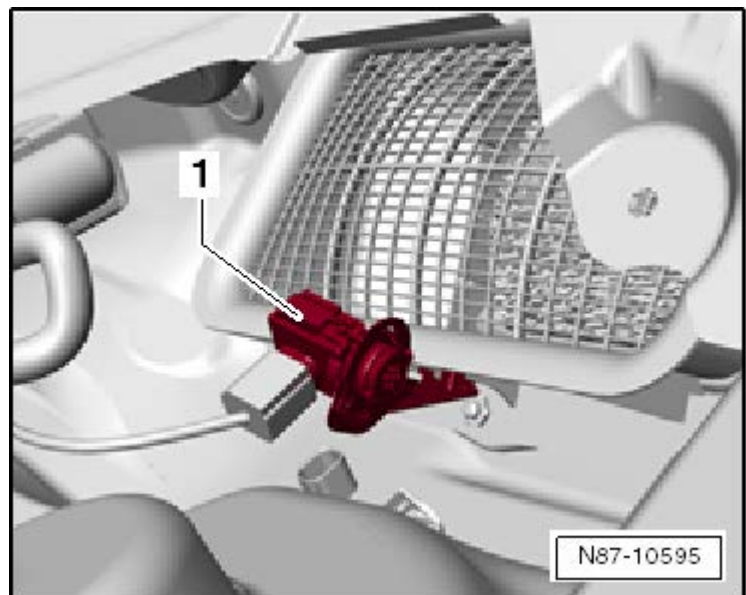
- Located on the A/C compressor



Air Quality Sensor

1 - Air Quality Sensor -G238-

- Located at the right front on the intake air grille in the plenum chamber.



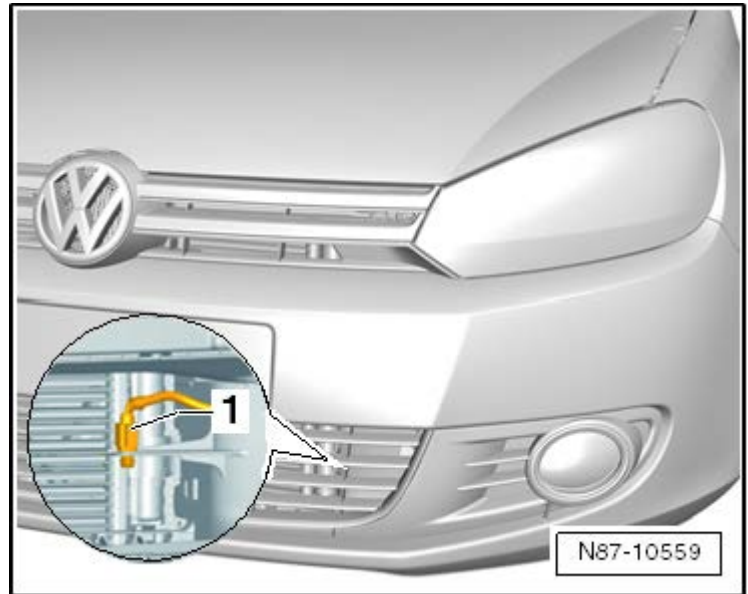
Golf

Component Locations

No. 851 / 22

Outside Air Temperature Sensor

1 - Outside Air Temperature Sensor -G17-



Golf

Component Locations

No. 806 / 1

Edition 01.2012

Wiring harness connector stations and connectors

Overview of connector stations and connectors

1 - Connector station under the instrument panel in the front passenger footwell, -T10k-

- Component location
→ Chapter

2 - Connector station on A-pillar, front passenger side

- Component location
→ Chapter

3 - Connector station on roof frame, front center -T2f-, -T3ae-, -T6a-, -T6b-, -T6c-, -T8d-

- Component location
→ Chapter

4 - Coupling station, front passenger seat, -T2y-, -T3l-, -T10a-

- Component location
→ Chapter

5 - Connector station B-pillar, front passenger's side

- 28-pin connector -T28c-

6 - Connector station, rear right -T1e-, -T1f-, -T1q-, -T1t-, -T5p-, -T4br-

- Component location
→ Chapter

7 - Connector 1 for high voltage battery charger -U34-

- Component location
→ Chapter

8 - Connector station in rear bumper -T8l-

- Component location → Chapter

9 - Connector station of rear view camera, in rear lid

- 4-Pin Connector -T4bt-, black
- 5-Pin Connector -T5o-, blue

10 - Connector station, rear left -T5a-, -T5c-, -T5e-

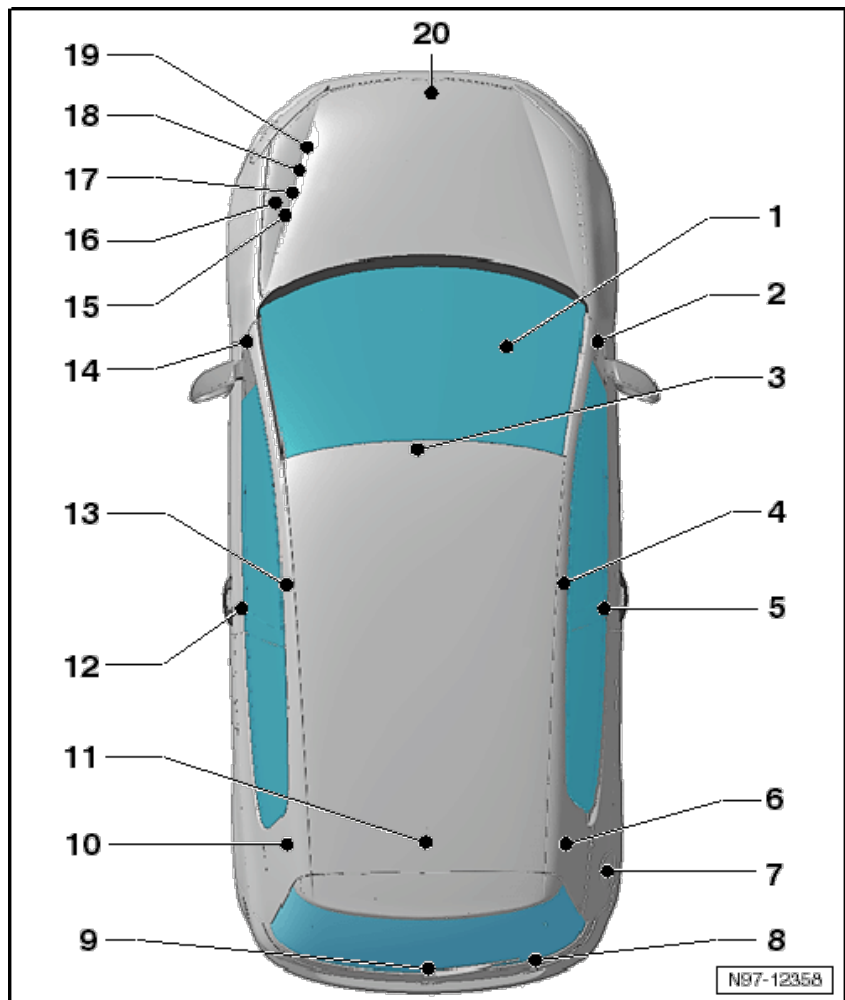
- Component location → Chapter

11 - Connector station on roof frame, rear center -T2az-, -T2ay-, -T2m-

- Component location → Chapter

12 - Connector station B-pillar, driver's side

- 28-pin connector -T28b-



13 - Connector station , driver seat connector station-T2q- , -T3k- , -T10b-

- ❑ Component location → [Chapter](#)

14 - A-pillar connector station, driver side

- ❑ Component location → [Chapter](#)

15 - Engine connector station Golf Blue-E-Motion

- ❑ Component location → [Chapter](#)

16 - Engine connector station, -T14a -

- ❑ Component location → [Chapter](#)

17 - Generator connector station-T2c- , -T4t-

- ❑ Component location → [Chapter](#)

18 - Steering connector station, -T6z-

- ❑ Component location → [Chapter](#)

19 - Front bumper connector station -T8v-

- ❑ Component location → [Chapter](#)

20 - Connector 2 for high voltage battery charger -U35-

- ❑ Component location → [Chapter](#)

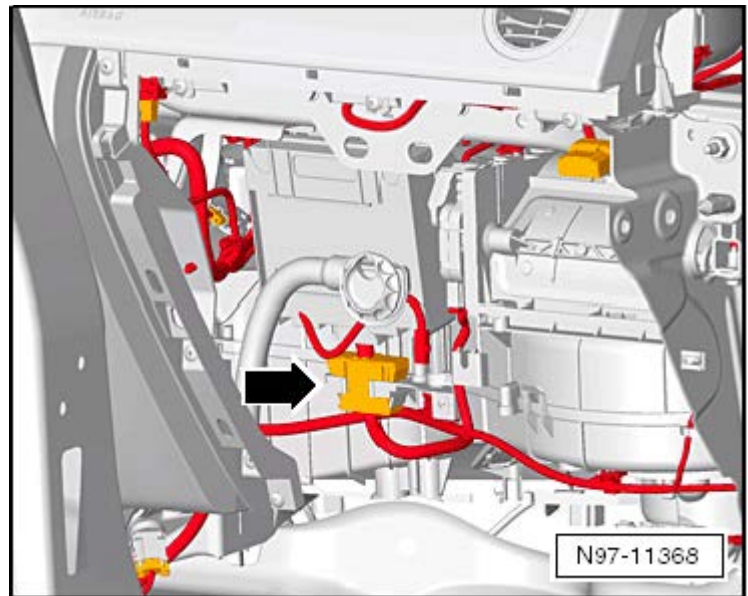
Golf

Component Locations

No. 806 / 2

Connector station under instrument panel in front passenger footwell

- 10-pin connector -T10k--arrow-



Golf

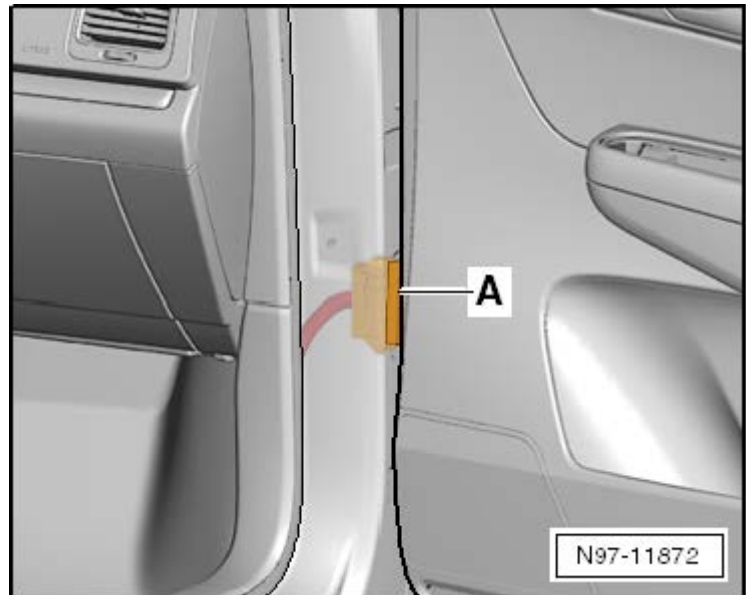
Component Locations

No. 806 / 3

Connector station on A-pillar, front passenger side

Component Location:

A - 28-pin connector -T28a-



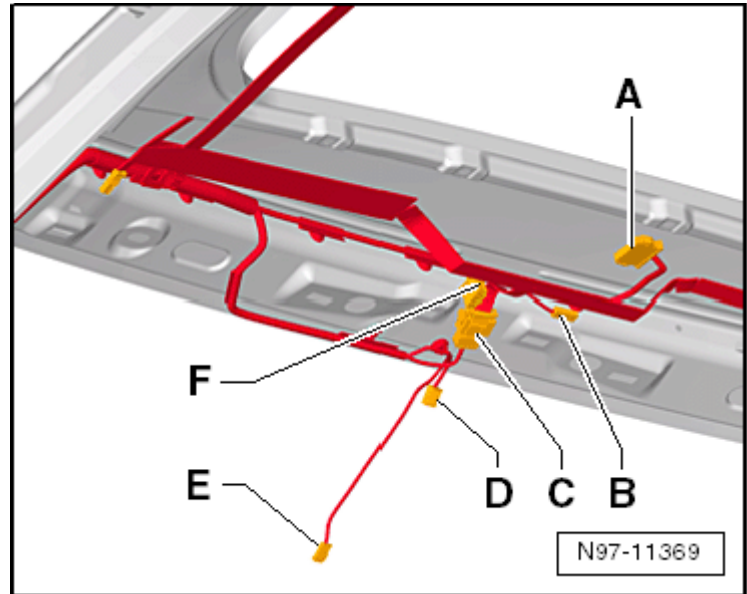
Golf

Component Locations

No. 806 / 4

Connector station on front center roof frame

- A - 6-pin connector -T6c-
- B - 2-pin connector -T2f-
- C - 8-pin connector -T8d-
- D - 6-pin connector -T6a-
- E - 3-pin connector -T3ae-
- F - 6-pin connector -T6b-



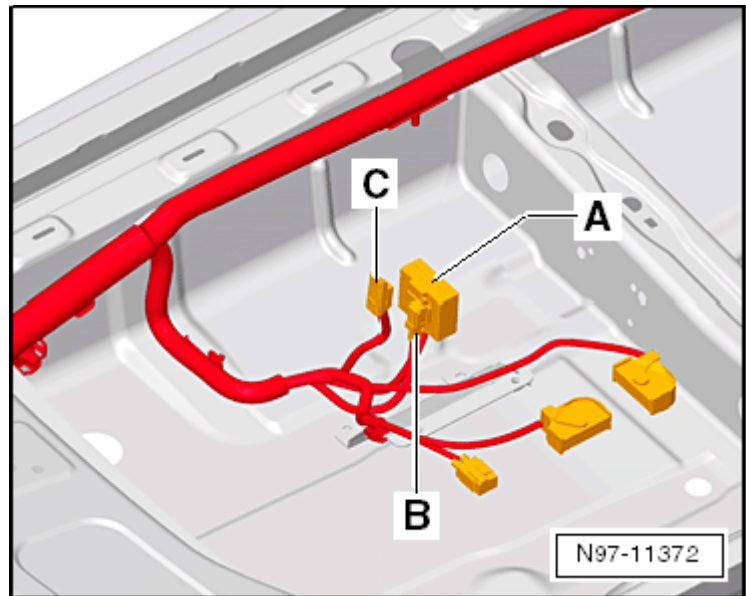
Golf

Component Locations

No. 806 / 5

Connector station, front passenger's seat

- A - 10-pin connector -T10a-
- B - 2-pin connector -T2y-
- C - 3-pin connector -T3l-



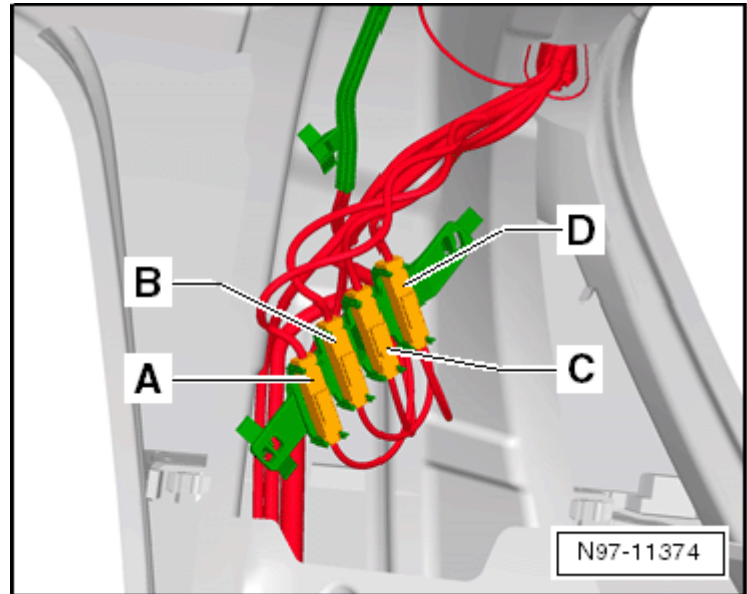
Golf

Component Locations

No. 806 / 6

Connector station, rear right

- A - single pin connector -T1e- / 4-pin connector -T4br- black (Release button in rear lid handle -E234-)
- B - 1-pin connector -T1f-
- C - 1-pin connector -T1g-
- D - single pin connector -T1t- / 5-pin connector -T5p- , blue (rearview camera - R189-)



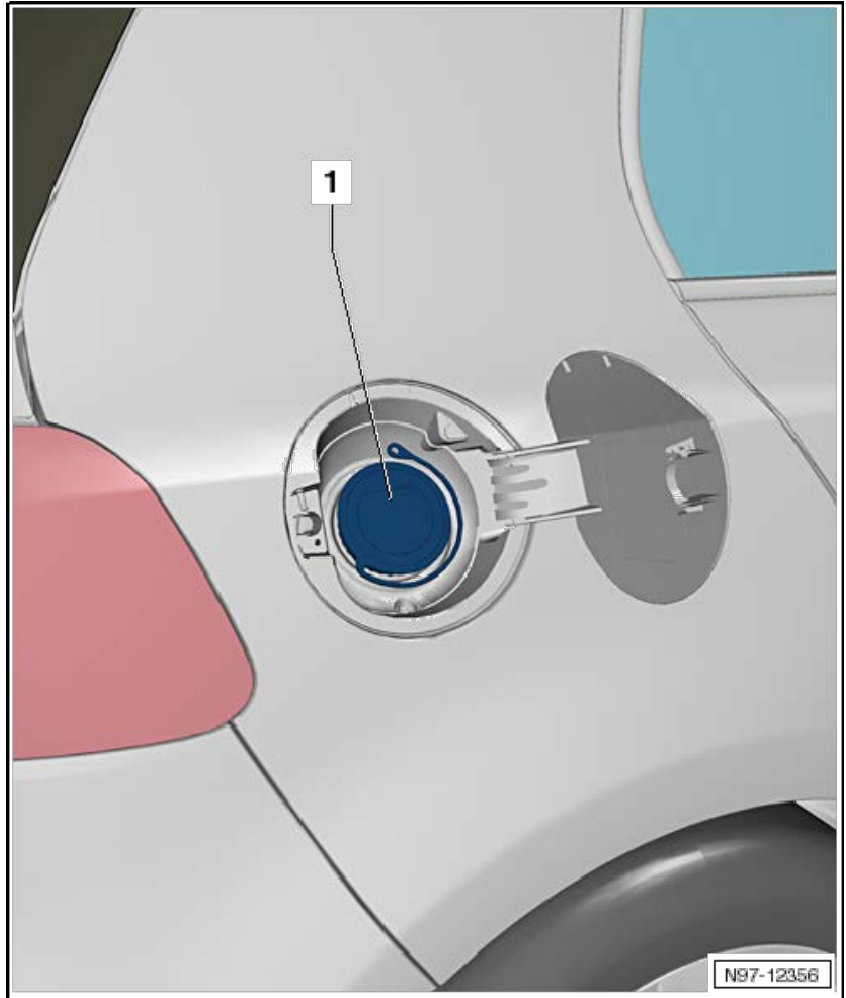
Golf

Component Locations

No. 806 / 7

Connector 1 for high voltage battery charger -U34-

1 - Connector 1 for high voltage battery charger -U34-



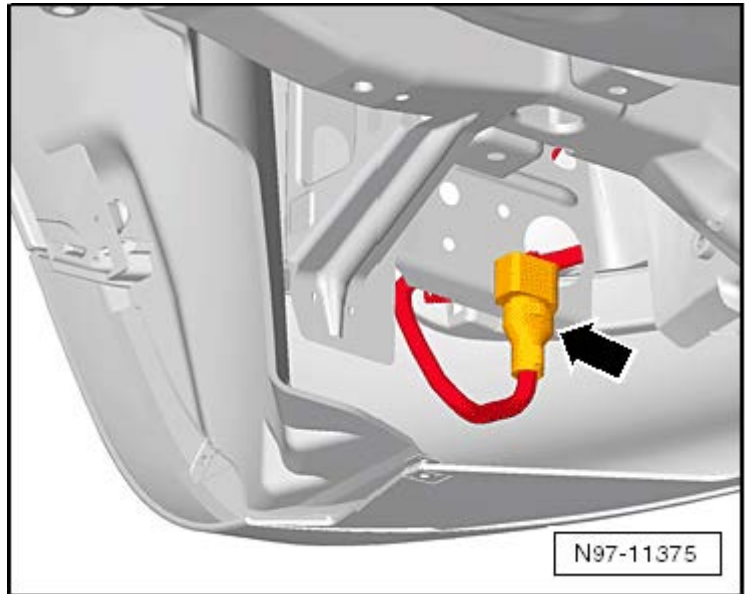
Golf

Component Locations

No. 806 / 8

Connector station in rear bumper

- 8-pin connector -T8I--arrow-



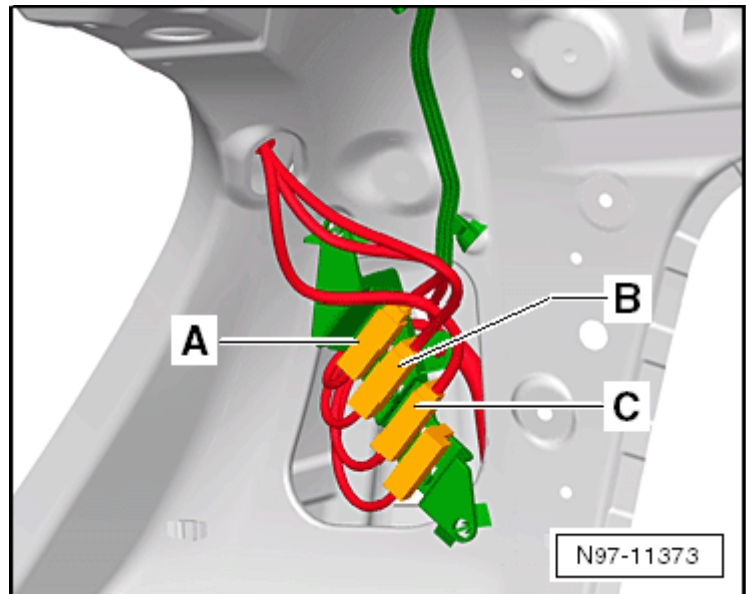
Golf

Component Locations

No. 806 / 9

Connector station, rear left

- A - 5-Pin Connector -T5a- , black
- B - 5-Pin Connector -T5c- , brown
- C - 5-Pin Connector -T5e- , pink



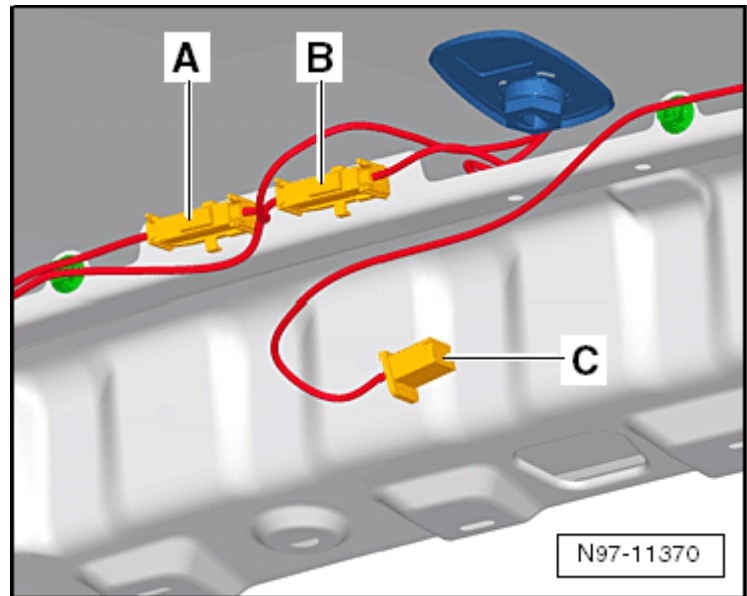
Golf

Component Locations

No. 806 / 10

Connector station on rear center roof frame

- A - 2-Pin Connector -T2ay- blue (GPS)
- B - 2-pin connector -T2az- purple (Telephone) / 2-pin connector -T2m- yellow (Telestart)
- C - 3-pin connector -T3r-



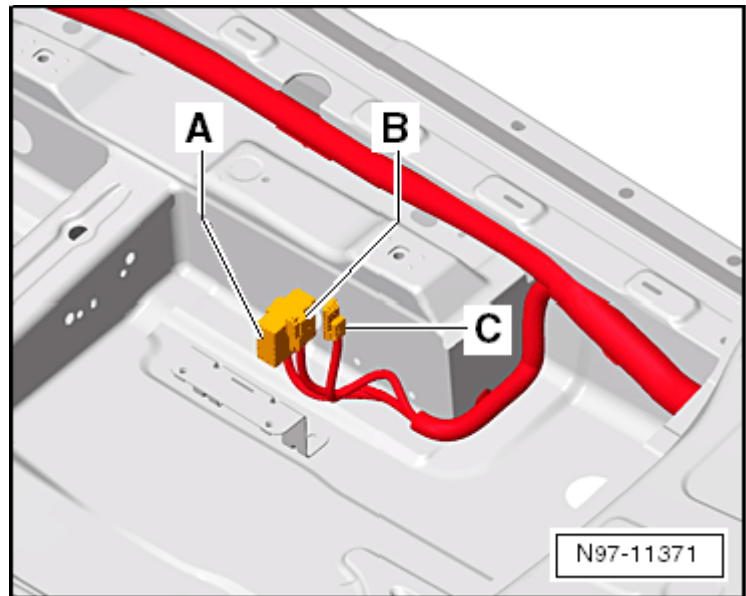
Golf

Component Locations

No. 806 / 11

Connector station, driver seat connector station

- A - 10-pin connector -T10b-
- B - 2-pin connector -T2q-
- C - 3-pin connector -T3k-



Golf

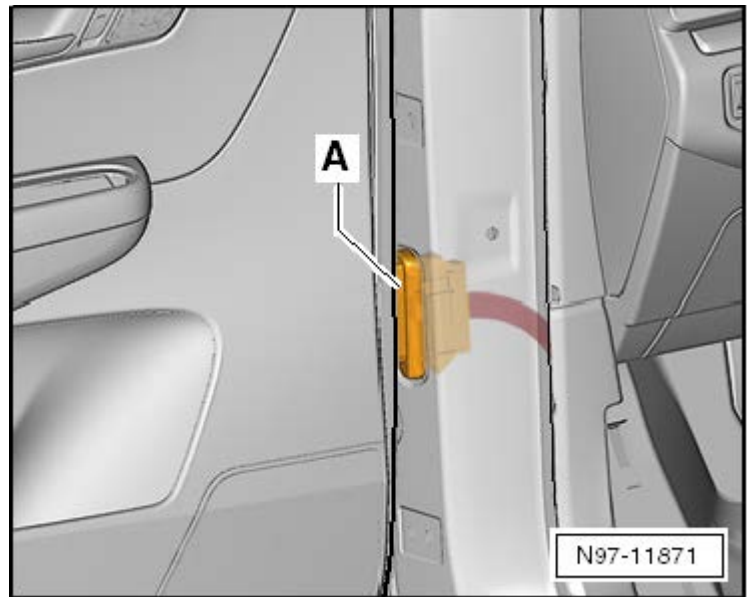
Component Locations

No. 806 / 12

A-pillar connector station, driver side

Component Location:

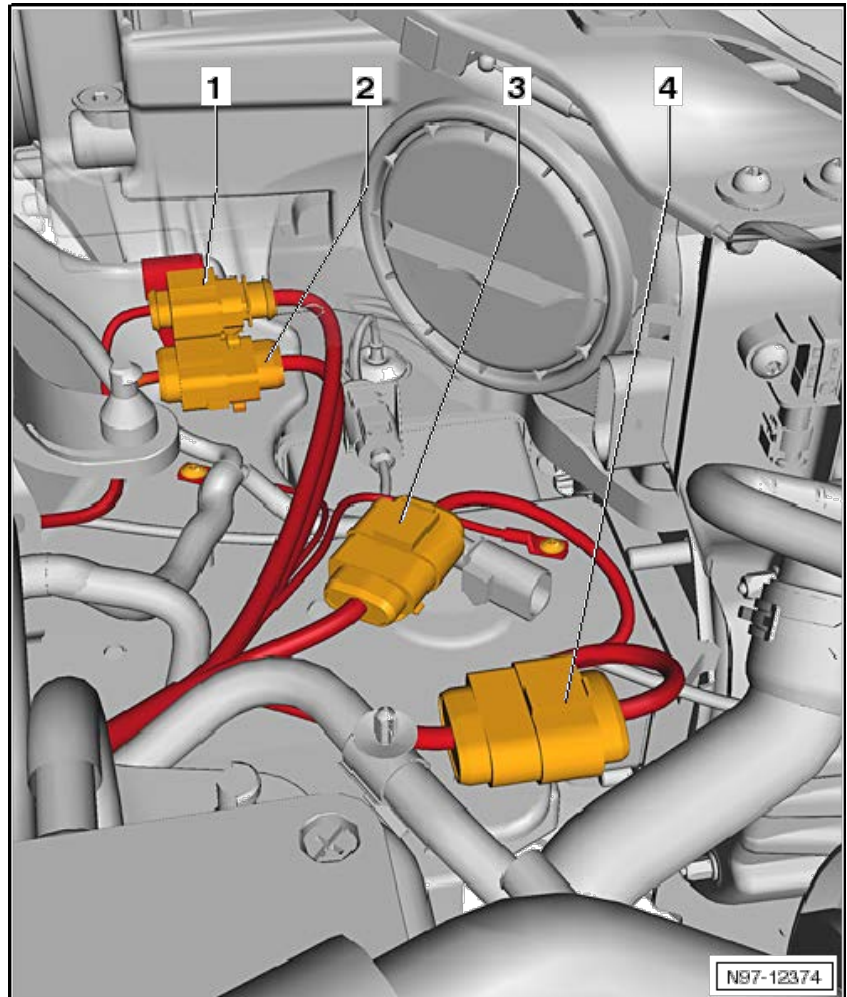
A - 28-pin connector -T28-



Golf**Component Locations****No. 806 / 13****Engine connector station Golf Blue-E-Motion**

Engine code (German abbreviation EAAA)

- 1 - 10-pin connector -T10an-
- 2 - 14-pin connector -T14g-
- 3 - 10-pin connector -T10am-
- 4 - 14-Pin Connector -T14n-



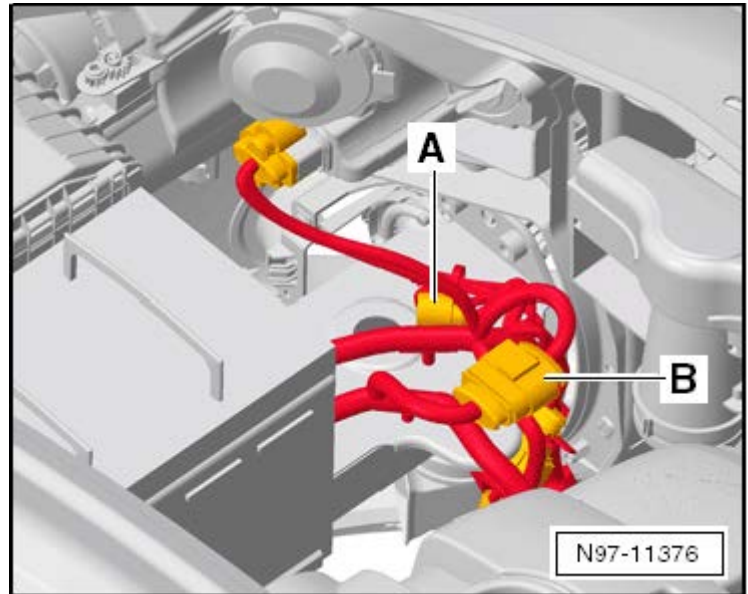
Golf

Component Locations

No. 806 / 14

Connector station engine

B - 14-pin connector -T14a-



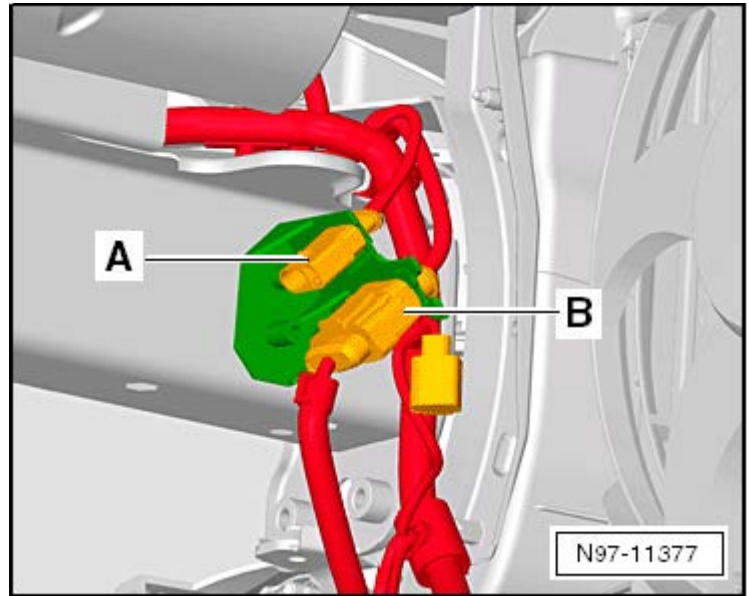
Golf

Component Locations

No. 806 / 15

Connector station generator

A - 2-pin connector -T2c- /4-pin connector -
T4t-



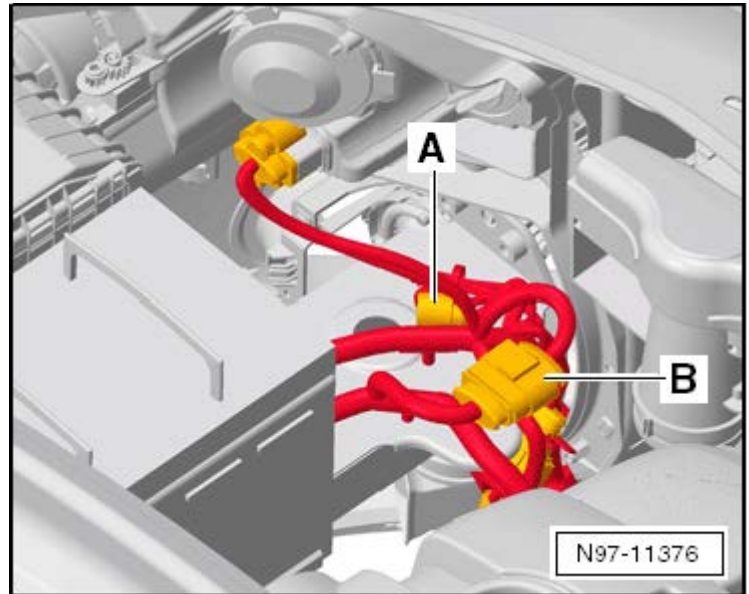
Golf

Component Locations

No. 806 / 16

Connector station steering

A - 6-Pin Connector -T6z-



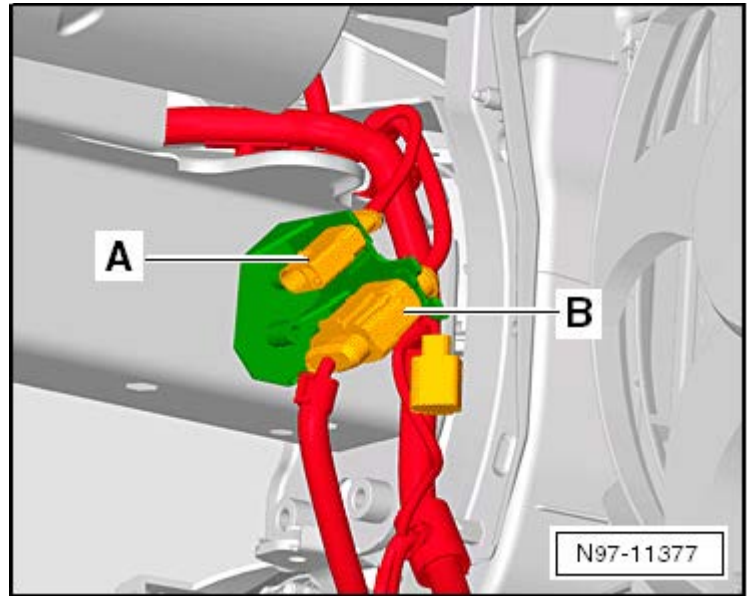
Golf

Component Locations

No. 806 / 17

Connector station front bumper

B - 8-Pin Connector -T8v-



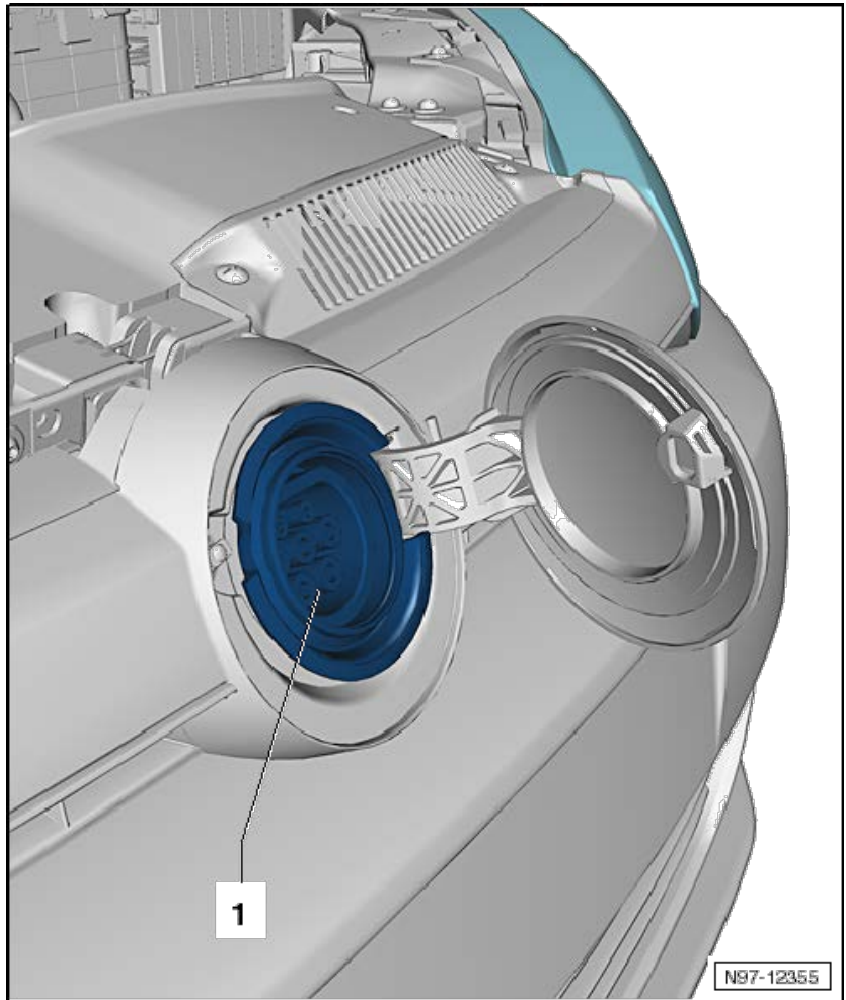
Golf

Component Locations

No. 806 / 18

Connector 2 for high voltage battery charger -U35-

1 - Connector 2 for high voltage battery charger -U35-



Golf

Component Locations

No. 803 / 1

Edition 01.2012

Control modules in front part of vehicle

Overview of Control Modules

1 - ABS Control Module -J104-

- ❑ Component Location → Chapter
- ❑ Pin Arrangements → Chapter
- ❑ Installed location / pin assignment for the Golf blue-e-motion -V141-, -J842-, -JX1-, -Z115-, -V469-, -AX4-, -AX5-, -AX6-, -R68-, -R69- → Chapter

2 - Auxiliary Heater Control Module -J364-

- ❑ Installed location / connector assignment → Chapter

3 - Airbag Control Module -J234-

- ❑ Installed location / connector assignment → Chapter

4 - Headlamp range control module -J431-, Headlamp Range/Cornering Lamp Control Module -J745-

- ❑ Component Location → Chapter
- ❑ Pin Arrangements → Chapter

5 - Fresh Air Blower Control Module -J126-

- ❑ Component Location → Chapter

6 - Voltage Stabilizer -J532-

- ❑ Component Location → Chapter

7 - Front Passenger's Door Control Module -J387-

- ❑ Component Location → Chapter
- ❑ Pin Arrangements → Chapter

8 - Automatic dimming interior rearview mirror -Y7-, Driver assistance systems front camera -R242-

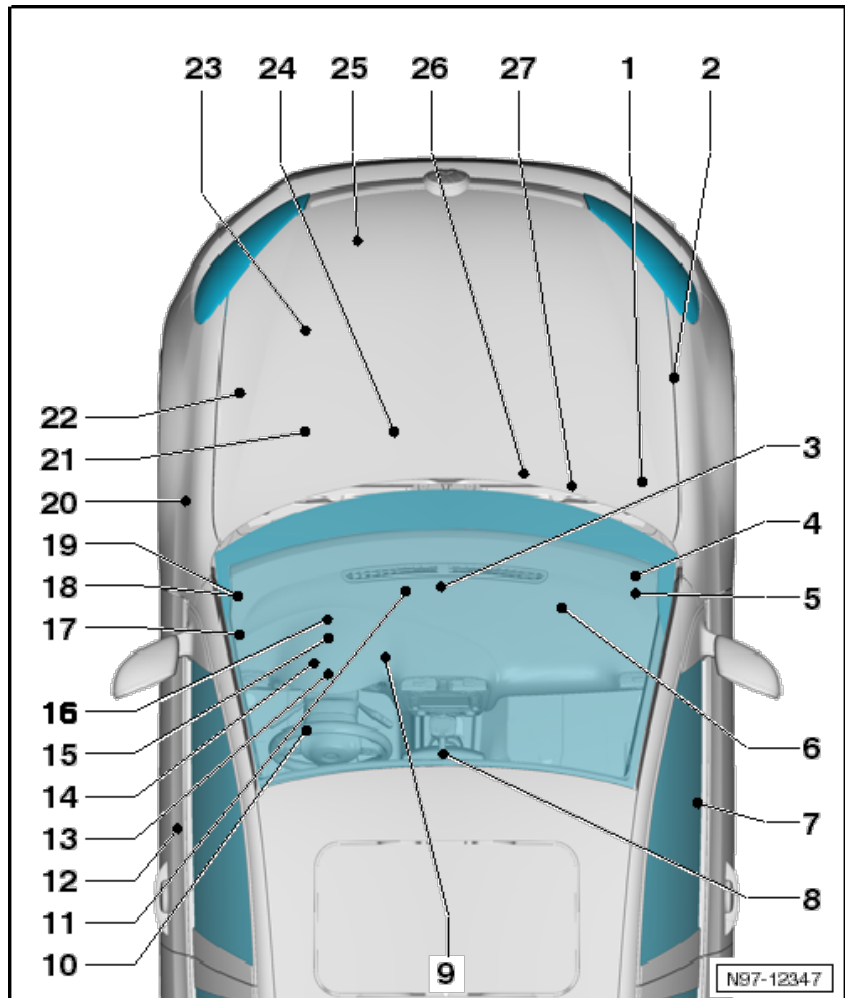
- ❑ Installed location / connector assignment → Chapter
- ❑ Camera control module -J852-
- ❑ Installation location, near interior mirror

9 - Access/Start Control Module -J518-

- ❑ Component Location → Chapter

10 - Multifunction steering wheel control module -J453-

- ❑ Component Location → Chapter

11 - Data Bus On Board Diagnostic Interface -J533-

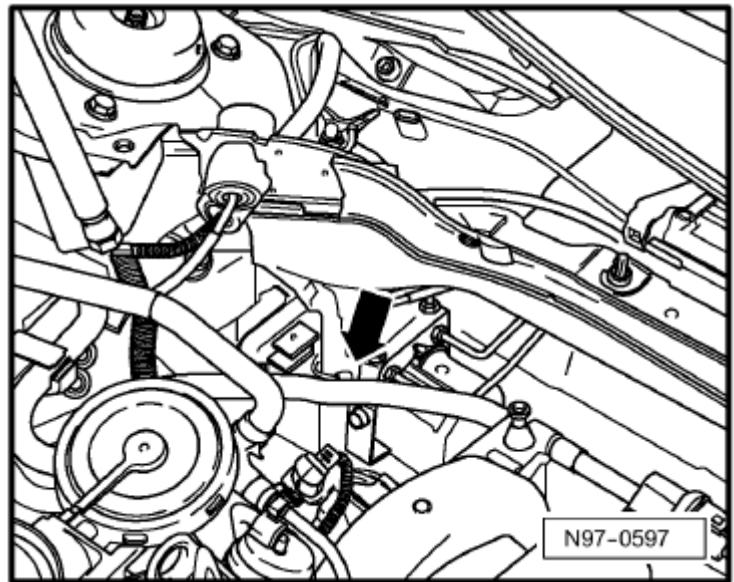
- ❑ Component Location → [Chapter](#)
- ❑ Pin Arrangements → [Chapter](#)
- 12 - Driver's Door Control Module -J386-**
 - ❑ Component Location → [Chapter](#)
 - ❑ Pin Arrangements → [Chapter](#)
- 13 - Steering Column Electronic Systems Control Module -J527-**
 - ❑ Component Location → [Chapter](#)
 - ❑ From model year 2010 → [Chapter](#)
- 14 - Electronic Steering Column Lock Control Module -J764-**
 - ❑ Component Location → [Chapter](#)
- 15 - Instrument cluster -K- , Instrument Cluster Control Module -J285-**
 - ❑ Pin Arrangements → [Chapter](#)
- 16 - Traffic data antenna -R173-**
 - ❑ Component Location → [Chapter](#)
- 17 - Vehicle Electrical System Control Module -J519-**
 - ❑ Component Location → [Chapter](#)
 - ❑ Pin Arrangements → [Chapter](#)
- 18 - Parking Aid Control Module -J446-**
 - ❑ Component Location → [Chapter](#)
 - ❑ Pin Arrangements → [Chapter](#)
- 19 - Parallel Parking Assistance Control Module -J791-**
 - ❑ Component Location → [Chapter](#)
 - ❑ Pin Arrangements → [Chapter](#)
- 20 - Transmission Control Module (TCM) -J217-**
 - ❑ Component Location → [Chapter](#)
 - ❑ Pin Arrangements → [Chapter](#)
- 21 - Battery monitoring control module -J367-**
 - ❑ Component Location → [Chapter](#)
- 22 - Natural gas operation control module -J659- (Through November 2010)**
 - ❑ Component Location → [Chapter](#)
 - ❑ Pin Arrangements → [Chapter](#)
- 23 - Direct Shift Gearbox (DSG) Mechatronic -J743-**
 - ❑ Component Location → [Chapter](#)
- 24 - Power Steering Control Module -J500-**
 - ❑ Component Location → [Chapter](#)
 - ❑ Pin Arrangements → [Chapter](#)
- 25 - Coolant fan control module -J293-**
 - ❑ Component Location → [Chapter](#)
- 26 - Engine Control Module (ECM) -J623-**
 - ❑ Component Location → [Chapter](#)
 - ❑ Pin Arrangements → [Chapter](#)
- 27 - Natural gas operation control module -J659- (from November 2010)**
 - ❑ Component Location → [Chapter](#)
 - ❑ Pin Arrangements → [Chapter](#)

Golf

Component Locations

No. 803 / 2

ABS Control Module -J104-



Golf

Component Locations

No. 803 / 3

Component Location:

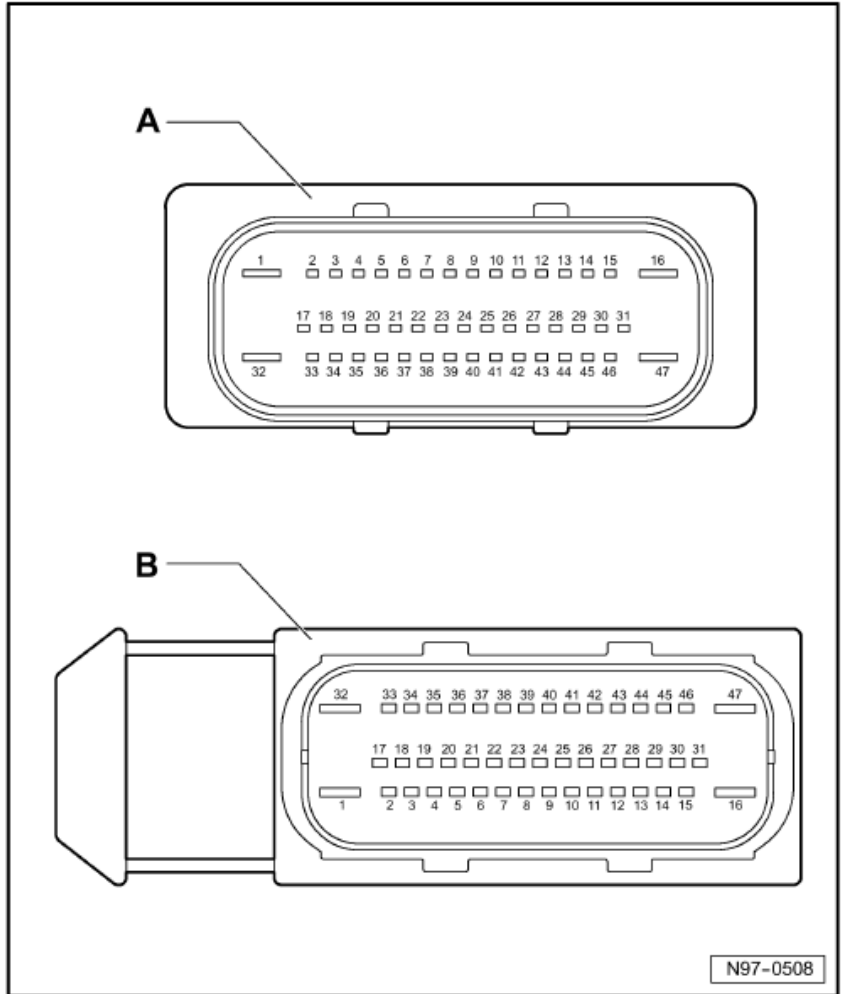
On firewall in engine compartment, right -Arrow-

Pin Arrangements:

A - ABS Control Module -J104-

Connector:

B - 47-pin connector -T47- on the wiring harness



Golf

Component Locations

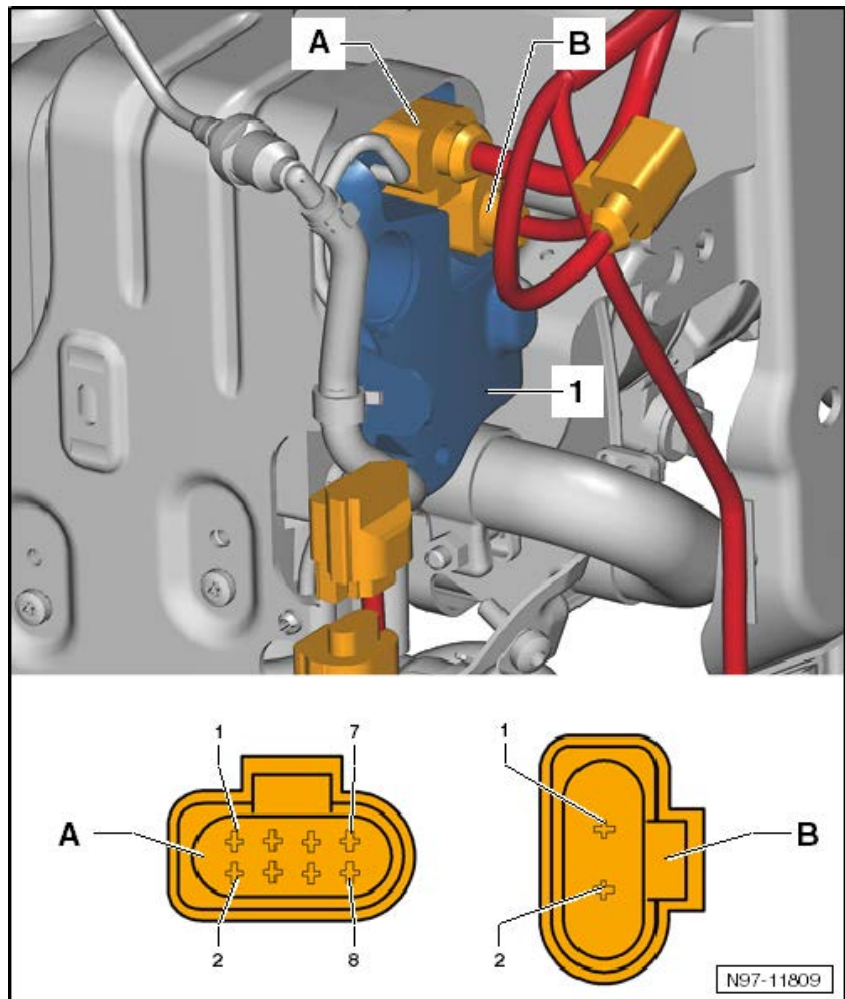
No. 803 / 4

Auxiliary Heater Control Module -J364-

1 - Auxiliary Heater Control
Module -J364-

Pin Connectors:

- -A-8-pin connector -T8f-
- -B-2-pin connector -T2g-



Golf

Component Locations

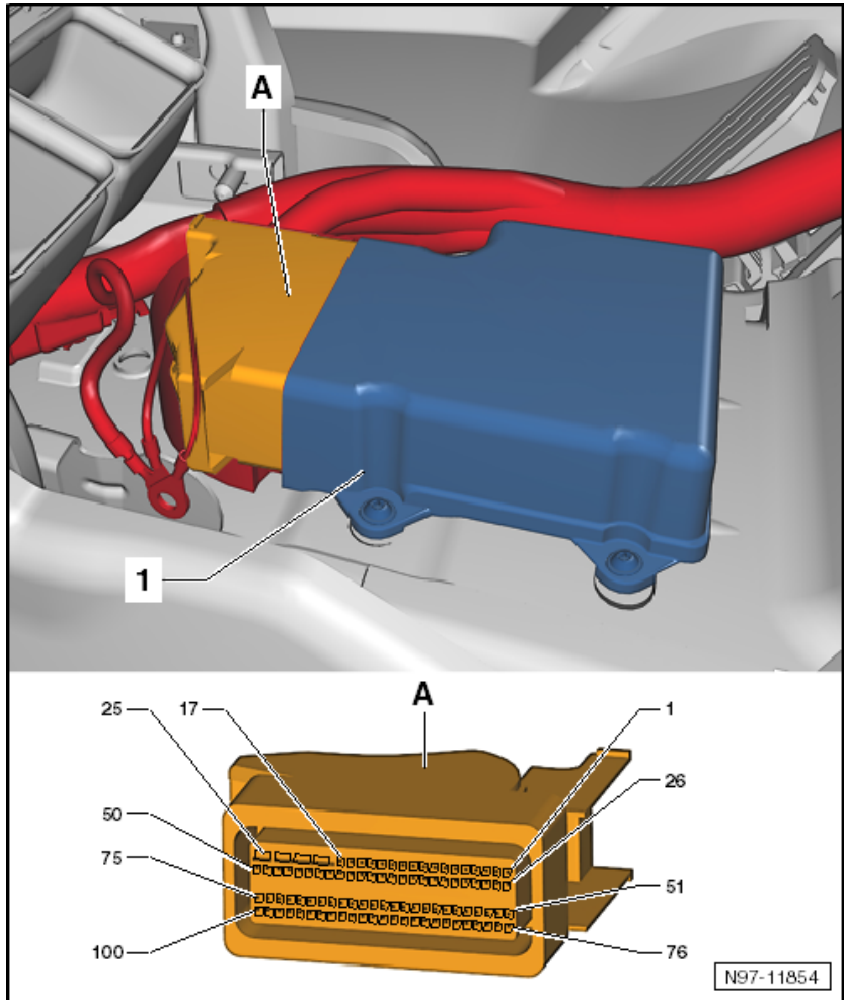
No. 803 / 5

Airbag Control Module -J234-

- Below the front center console

-1-

- Pin Arrangements 50-pin connector -T50- → Chapter
- Pin Arrangements 75-pin connector -T75- → Chapter
- Pin Arrangements 100-pin connector -T100- → Chapter



Golf

Component Locations

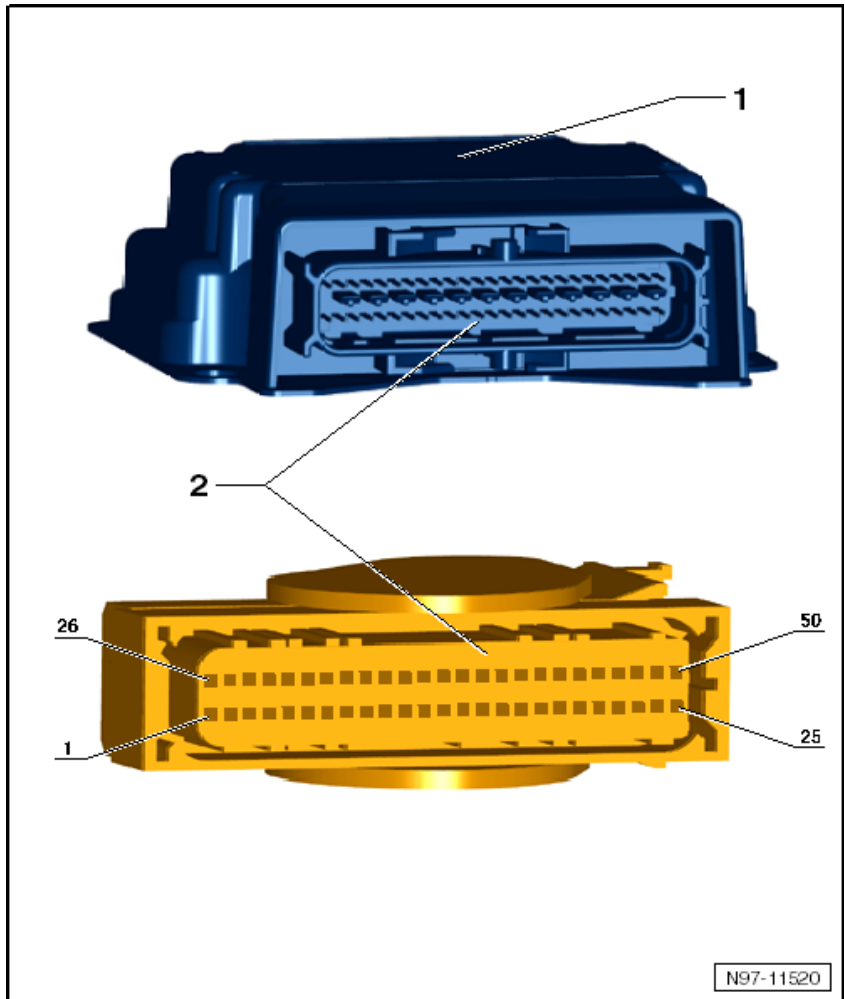
No. 803 / 6

Pin Arrangements 50-pin connector -T50- :

1 - Airbag Control Module -J234-

Connector:

2 - 50-pin connector -T50- on the wiring harness



Golf

Component Locations

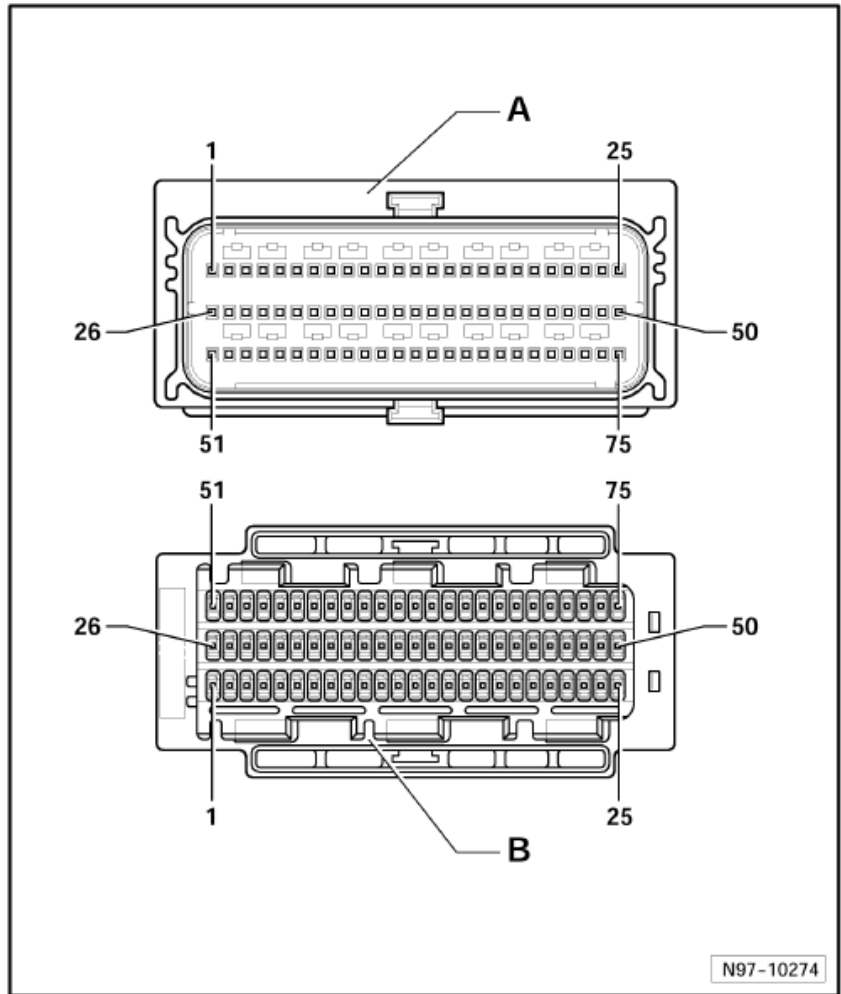
No. 803 / 7

Pin Arrangements 75-pin connector -T75- :

A - Airbag Control Module -J234-

Connector:

B - 75-Pin Connector -T75-, on wiring harness



Golf

Component Locations

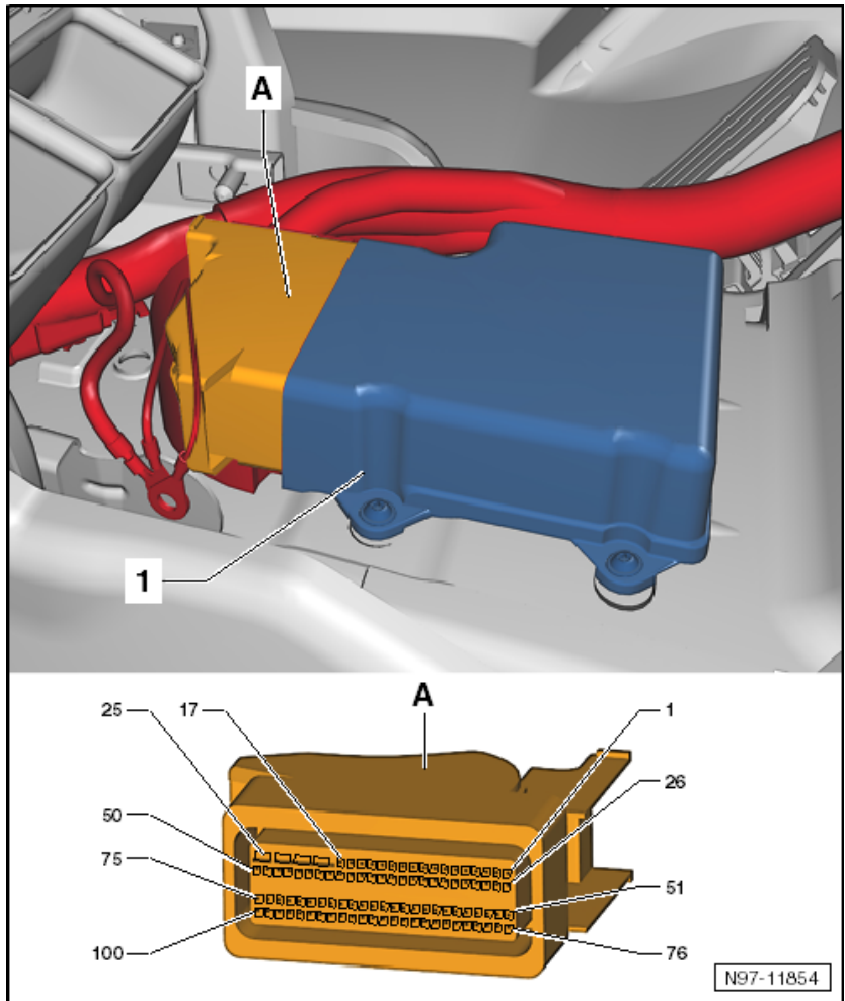
No. 803 / 8

Pin Arrangements 100-pin connector -T100- :

1 - Airbag Control Module -J234-

Connector:

A - 100-pin connector -T100- on the wiring harness



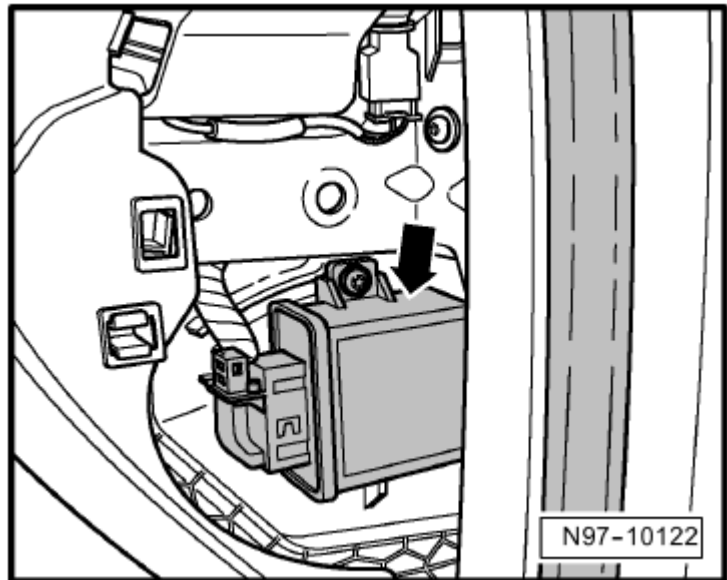
Golf

Component Locations

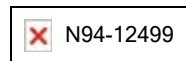
No. 803 / 9

Headlamp range control module -J431- , Cornering lamp and headlamp range control module -J745-

Headlamp range control module -J431-



Cornering lamp and headlamp range control module -J745-



Component Location:

Headlamp range control module -J431- located on the right glove compartment -Arrow-

Cornering lamp and headlamp range control module -J745- located behind the glove compartment

Golf

Component Locations

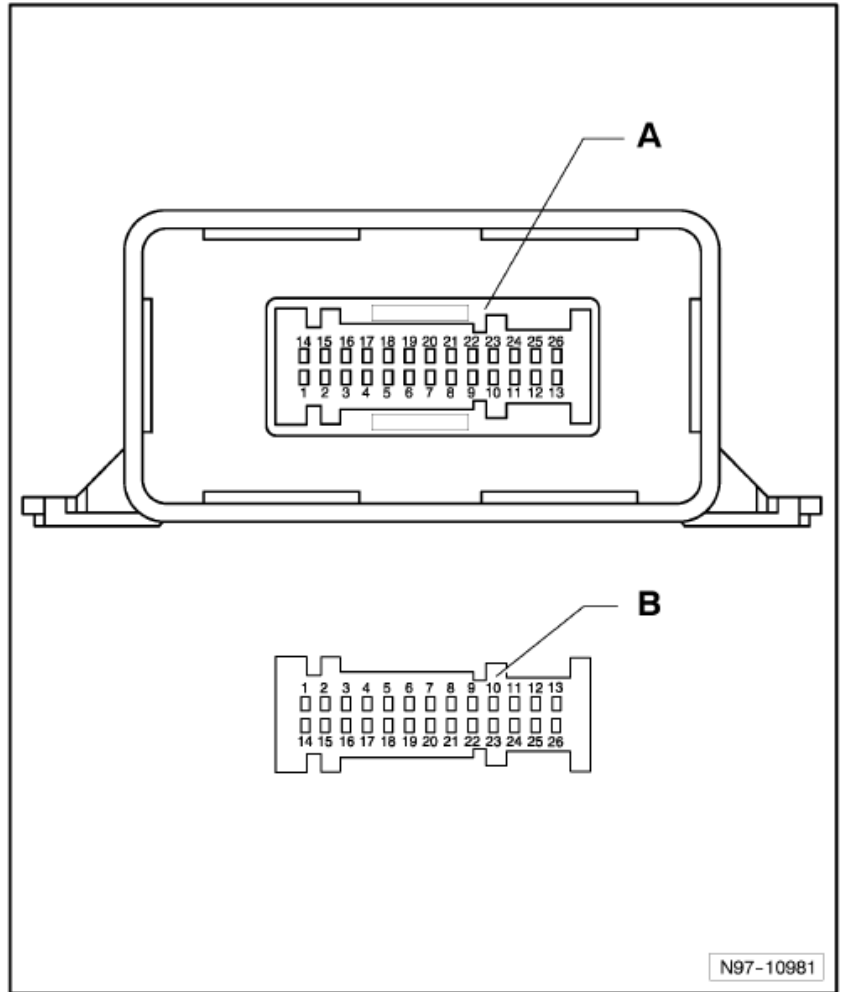
No. 803 / 10

Pin Arrangements:

A - Headlamp range control module -J431- , Headlamp Range/Cornering Lamp Control Module -J745-

Connector:

B - Connector, 26-pin connector - T26b- , 26-pin connector - T26h- on the wiring harness



Golf

Component Locations

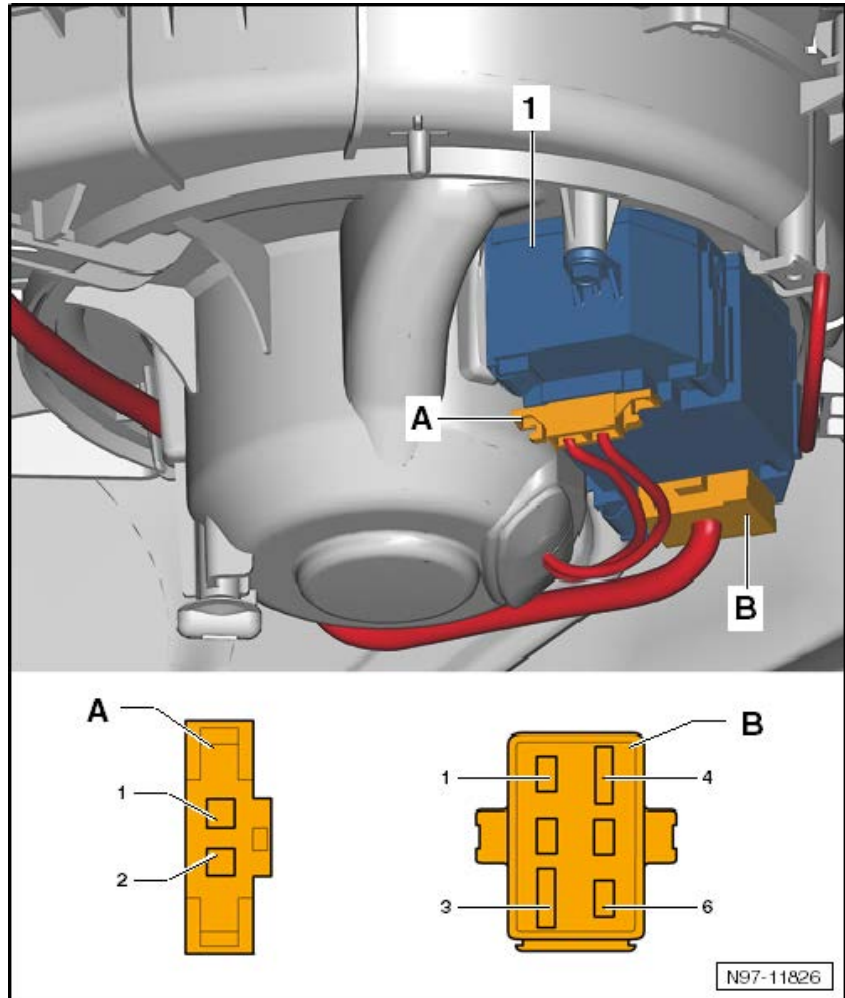
No. 803 / 11

Fresh Air Blower Control Module -J126-**1 - Fresh Air Blower Control Module -J126-****Component Location:**

- on the heating and A/C unit, front passenger footwell

Pin Connectors:

- -A-2-pin connector -T2-
- -B-6-pin connector -T6-

**Note:**

The illustration shows the left-hand drive model. The view for right-hand drive models is a mirror image on the front passenger side.

Golf

Component Locations

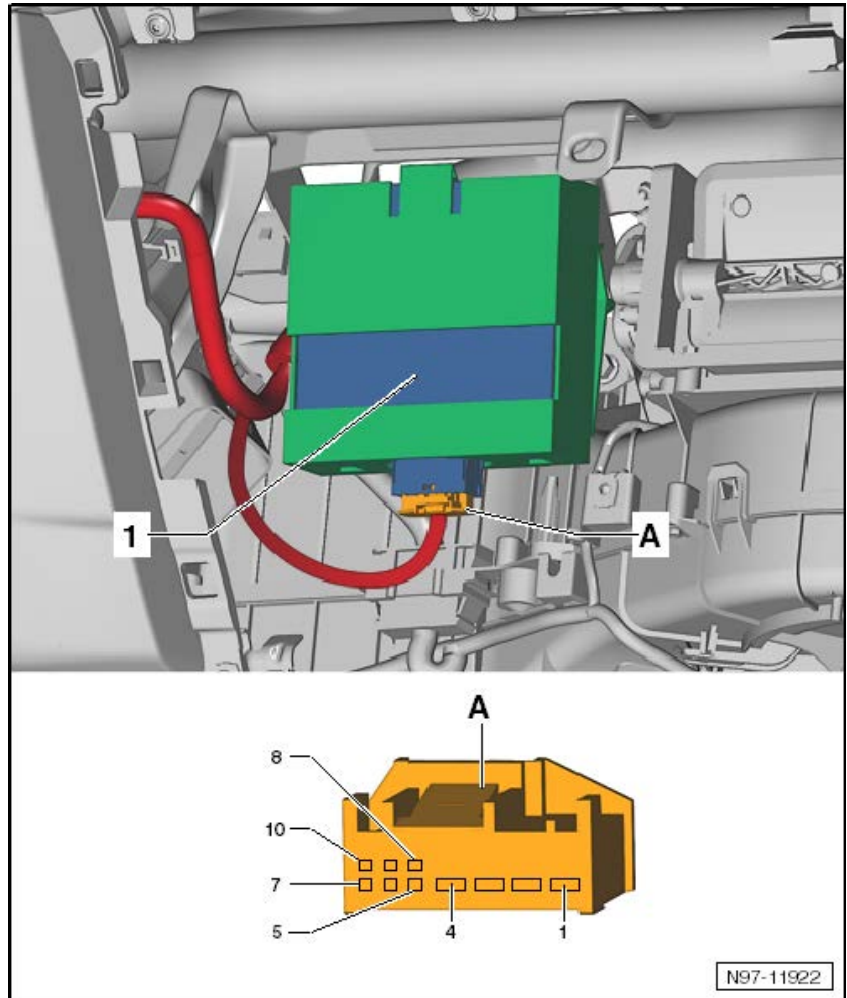
No. 803 / 12

Voltage Stabilizer -J532-**1 - Voltage Stabilizer -J532-****Component Location:**

- on the heating and A/C unit, front passenger footwell

Pin Connectors:

- -A-10-pin connector -T10ah-



Golf

Component Locations

No. 803 / 13

Front Passenger's Door Control Module -J387-

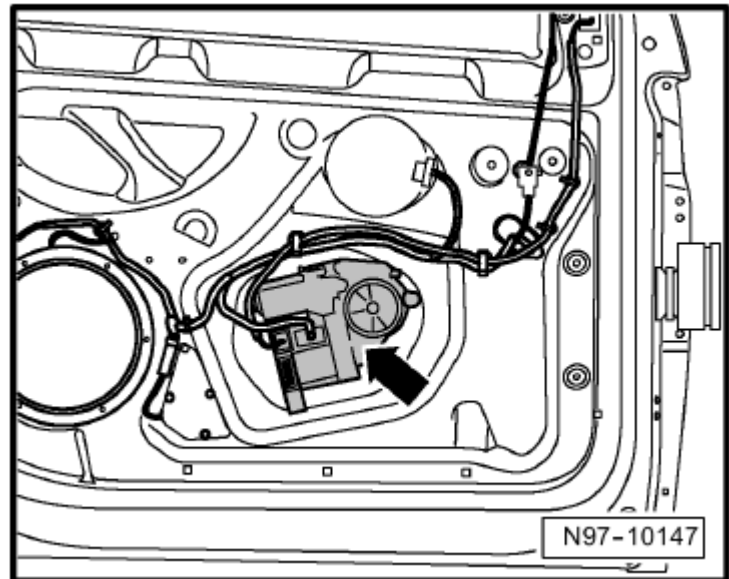
Component Location:

On front right door inner section -Arrow-



Note:

Illustration depicts left side. Follow same procedure for right side.



Golf

Component Locations

No. 803 / 14

Pin Arrangements:

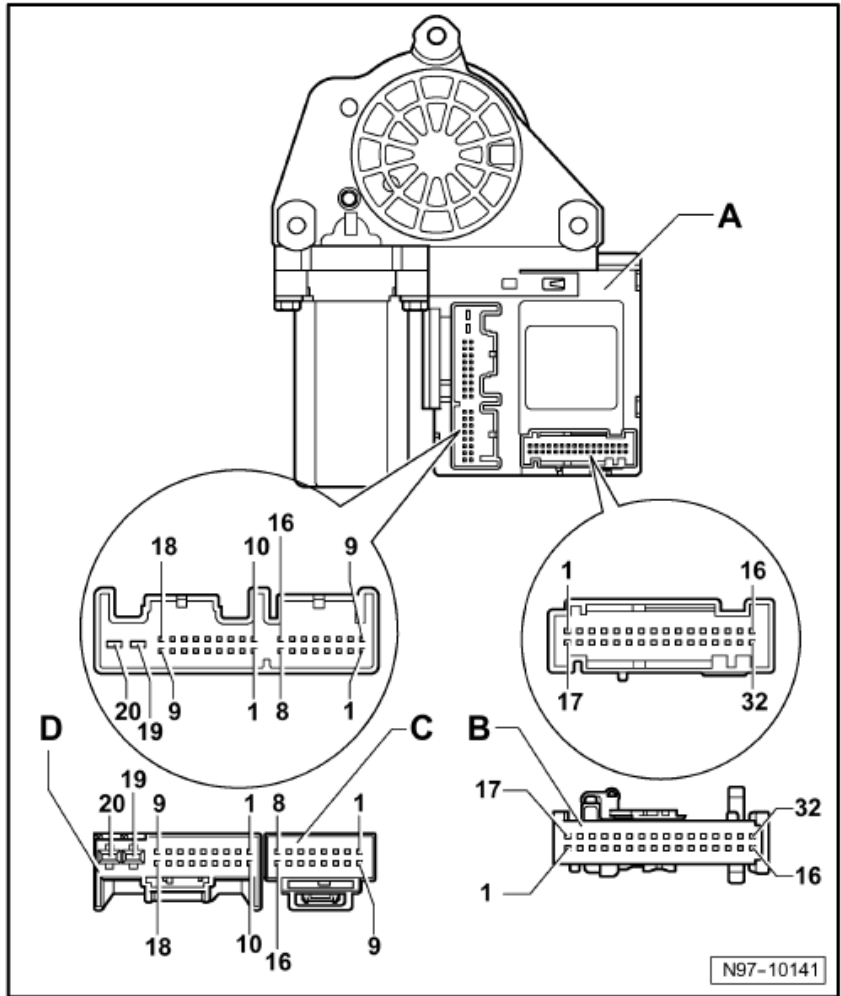
A - Front Passenger's Door Control Module -J387-

Connector:

B - 32-pin connector -T32b-

C - 16-pin connector -T16g-

D - 20-pin connector -T20b-



Golf

Component Locations

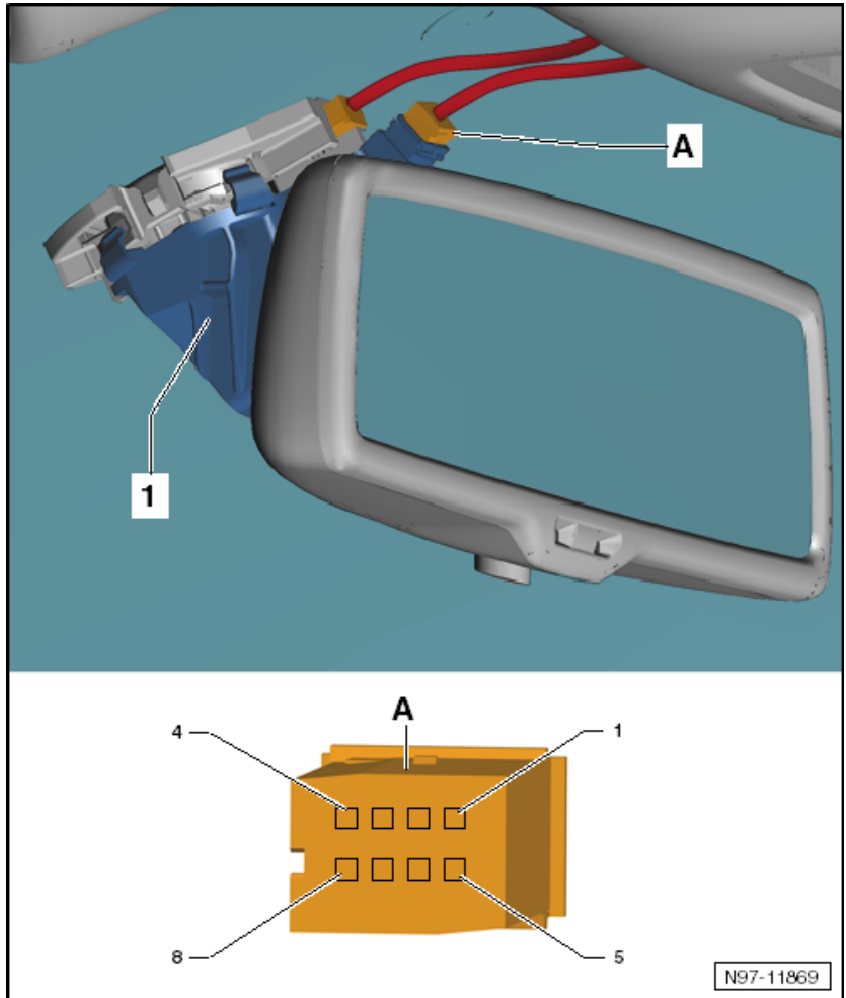
No. 803 / 15

Automatic dimming interior rearview mirror -Y7- / Driver assistance systems front camera -R242-

1 - Automatic dimming interior rearview mirror -Y7- / Driver assistance systems front camera -R242-

Connector:

- -A-8-pin connector -T8-



Golf

Component Locations

No. 803 / 16

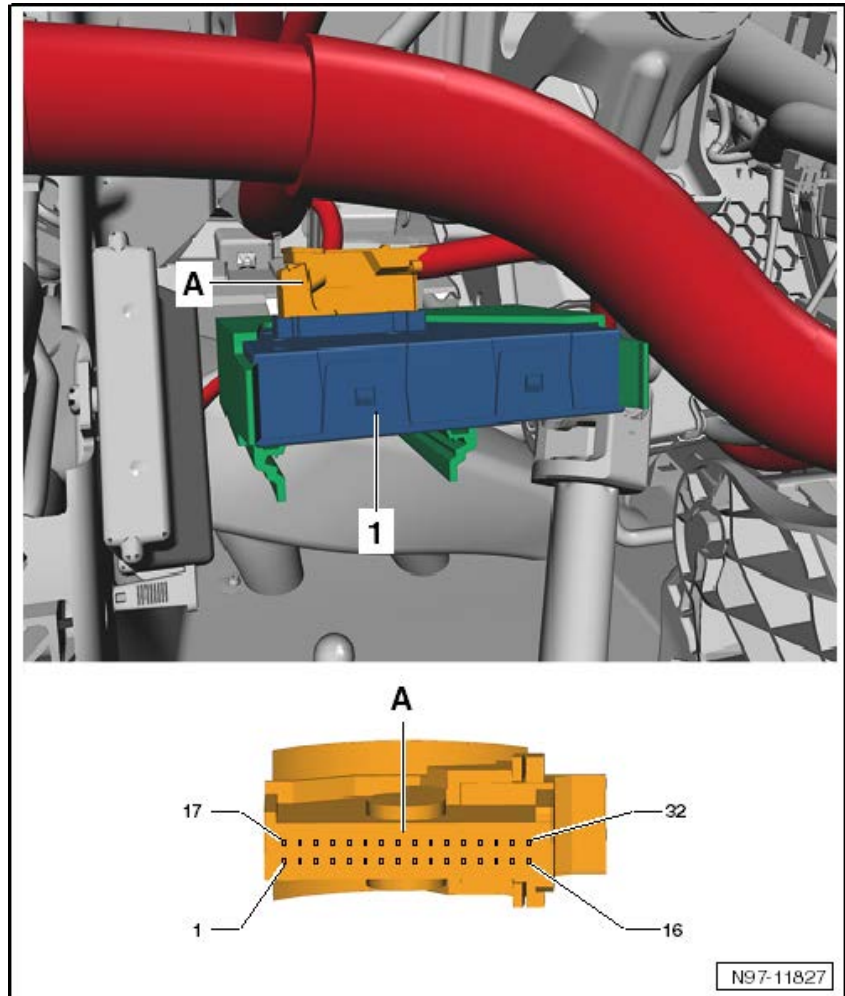
Access/Start Control Module -J518-

1 - Access/Start Control Module -
J518-

next to steering column, near
center console

Connector:

- -A-32-pin connector -T32b-



Golf

Component Locations

No. 803 / 17

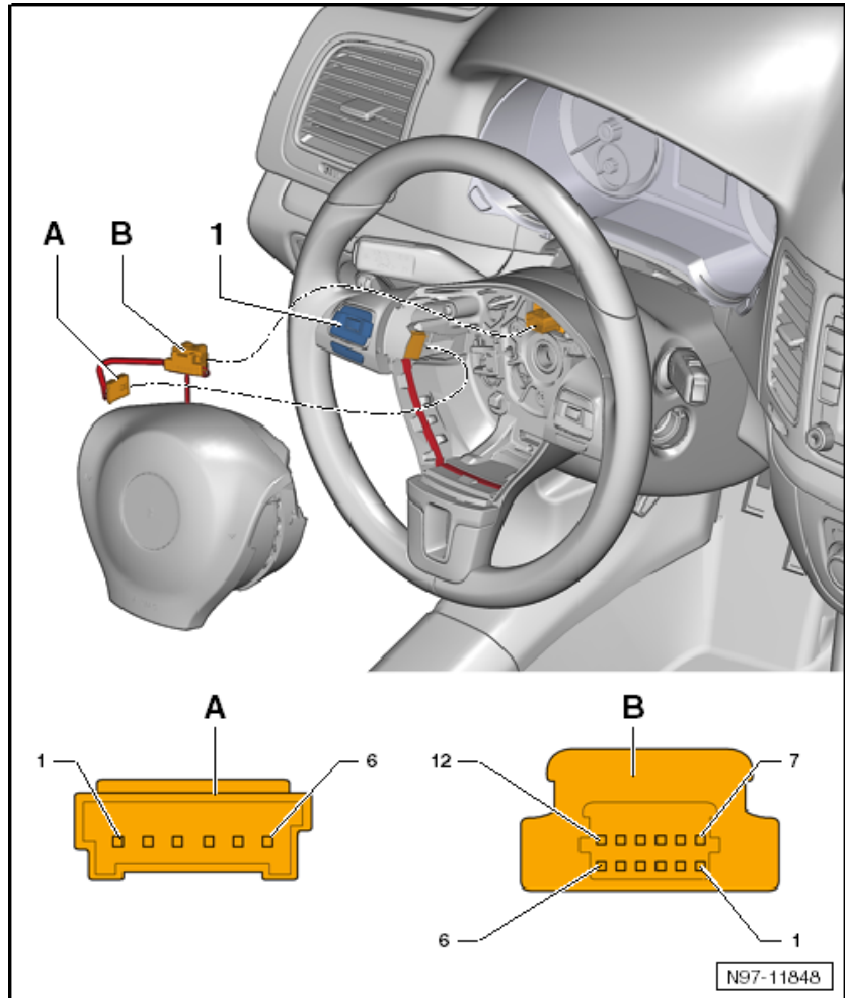
Multifunction steering wheel control module -J453-

1 - Multifunction steering wheel control module -J453-

in the Owner's Manual for the Left multifunction buttons on steering wheel -E440-

Pin Connectors:

- -A-6-pin connector -T6bo-
- -B-12-pin connector -T12k-



Golf

Component Locations

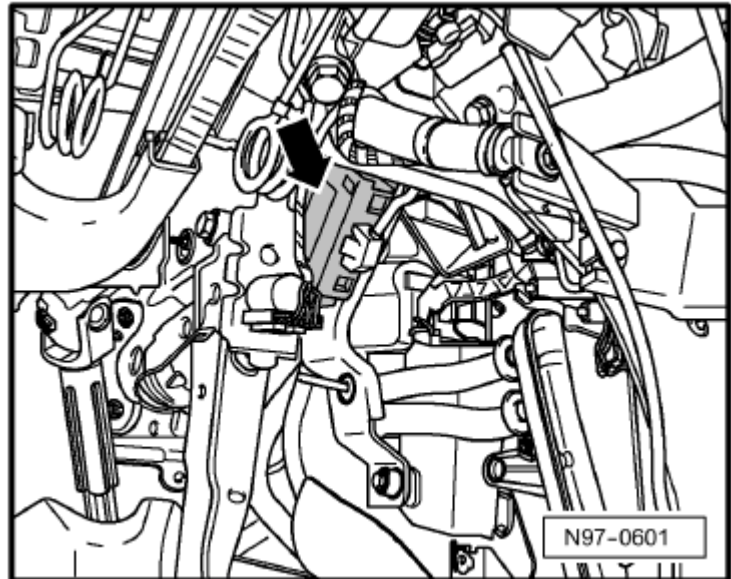
No. 803 / 18

Data Bus On Board Diagnostic Interface -J533-

Component Location:

Left-hand drive model: in driver's side footwell, near center console -Arrow-

Right-hand drive model : In driver's side footwell, near Vehicle Electrical System Control Module - J519- , behind the relay carrier



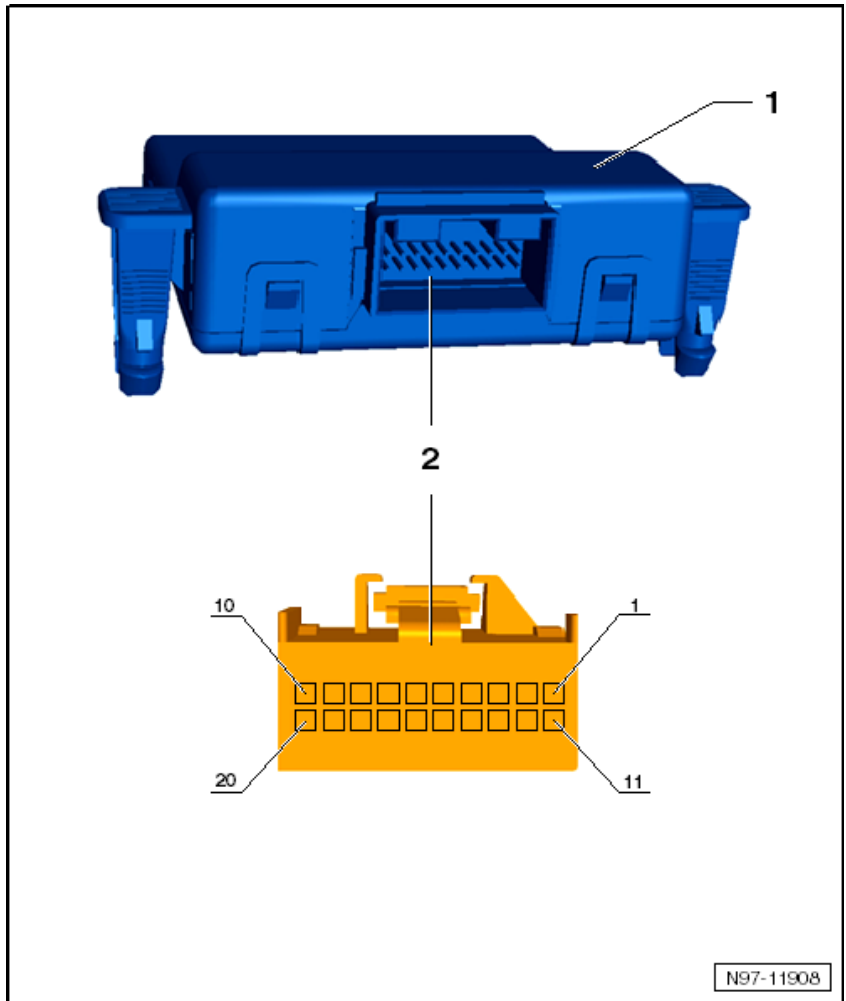
Golf

Component Locations

No. 803 / 19

Pin Arrangements:

- 1 - Data Bus On Board Diagnostic Interface -J533-
- 2 - 20-pin connector -T20-



Golf

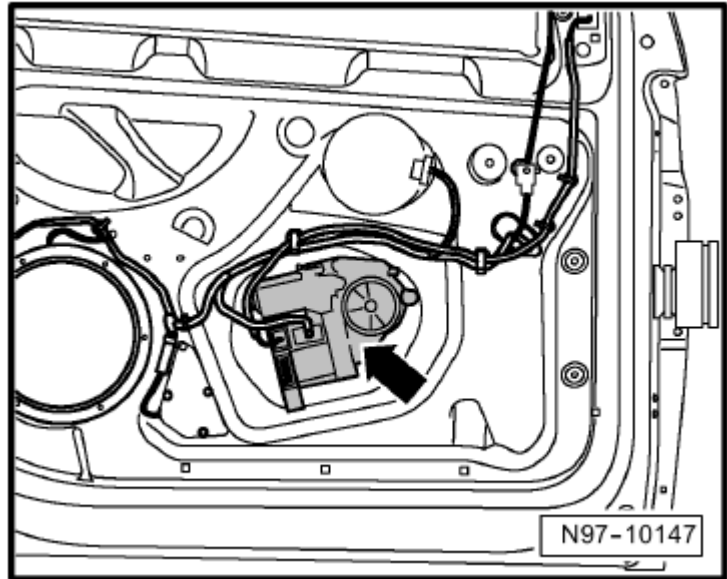
Component Locations

No. 803 / 20

Driver's Door Control Module -J386-

Component Location:

On front left interior door section -Arrow-



Golf

Component Locations

No. 803 / 21

Pin Arrangements:

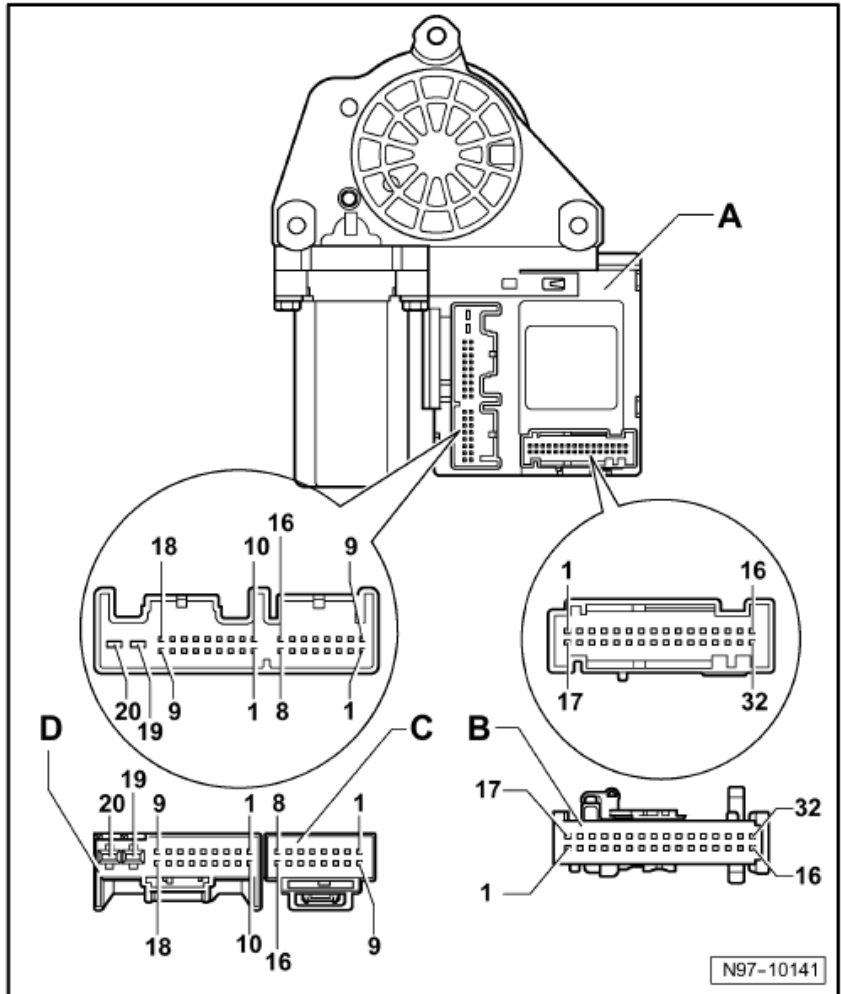
A - Driver's Door Control Module - J386-

Connector:

B - 32-pin connector -T32b-

C - 16-pin connector -T16a-

D - 20-pin connector -T20a-



Golf

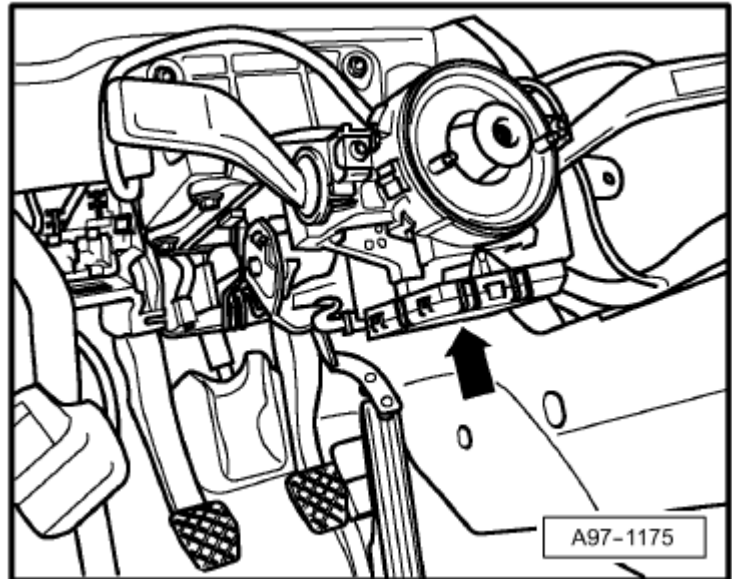
Component Locations

No. 803 / 22

Steering Column Electronic Systems Control Module -J527- , through model year 2010

Component Location:

Under the steering column, near the steering column switch -Arrow-



Golf

Component Locations

No. 803 / 23

Steering Column Electronic Systems Control Module -J527- , from model year 2010**1 - Steering Column Electronic Systems Control Module - J527-****Component Location:**

- near the steering column switch

Pin Connectors:

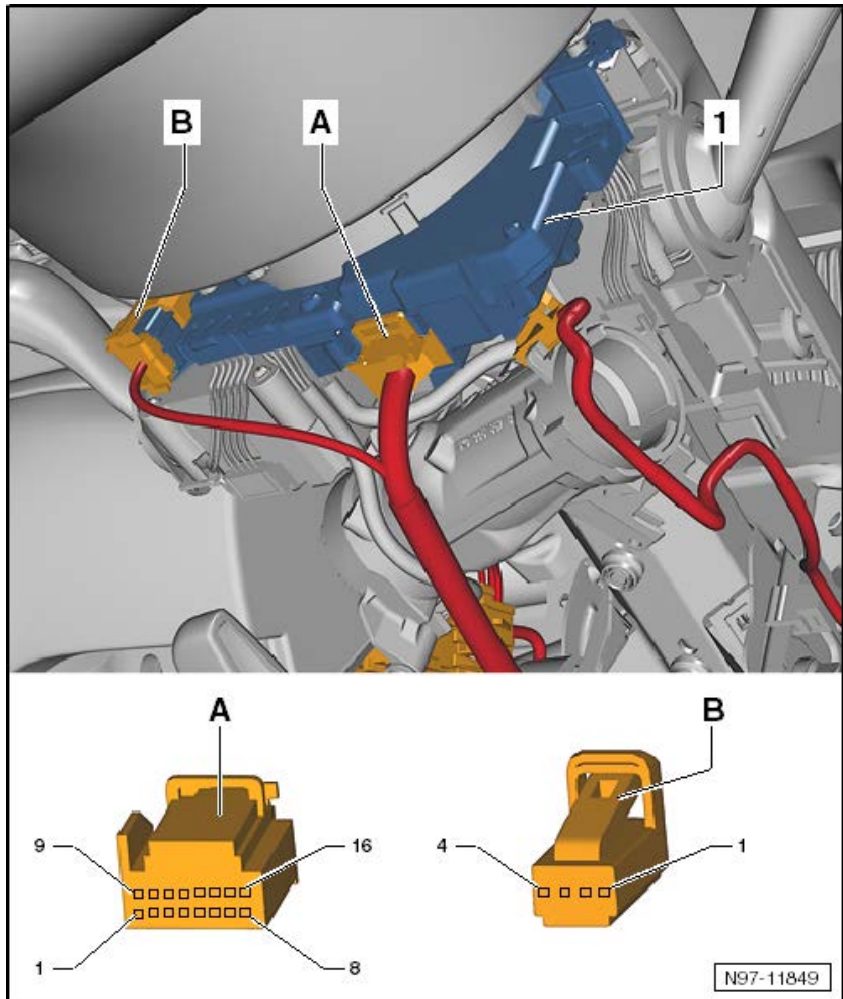
- -A-16-pin connector -T16r-
- -B-4-pin connector -T4k-

Pin Arrangements -T16r--A- :

- 1 - Positive connection 8 (30a) in the interior wiring harness - B504-
- 2 - Ground connection 2 (in main wiring harness) -367-
- 3 - (Comfort system CAN bus low) connection 1 in the main wiring harness -B406-
- 4 - (Comfort system CAN bus high connection) 1 in the main wiring harness -B397-
- 5 - Cruise control connection (in main wiring harness) -B441-
- 6 - Positive connection (50) (in main wiring harness) -B276-
Not for KESSY
- 7 - Terminal S, (Radio Ultra Low)
- 8 - Not used
- 9 - Not used
- 10 - Not used
- 11 - (Shift lock) connection in the main wiring harness -B454-
Not for KESSY
- 12 - (Powertrain CAN bus low) connection 1 in the main wiring harness -B390-
- 13 - (Powertrain CAN bus high) connection 6 in the main wiring harness -B388-
- 14 - Connection 1 (in main wiring harness) -B465- , KI15 (not for KESSY)
- 15 - Not used
- 16 - Not used

Pin Arrangements -T4k--B- :

- 1 - Airbag Control Module -J234- +
- 2 - Airbag Control Module -J234- -
- 3 - Not used
- 4 - Not used



Golf

Component Locations

No. 803 / 24

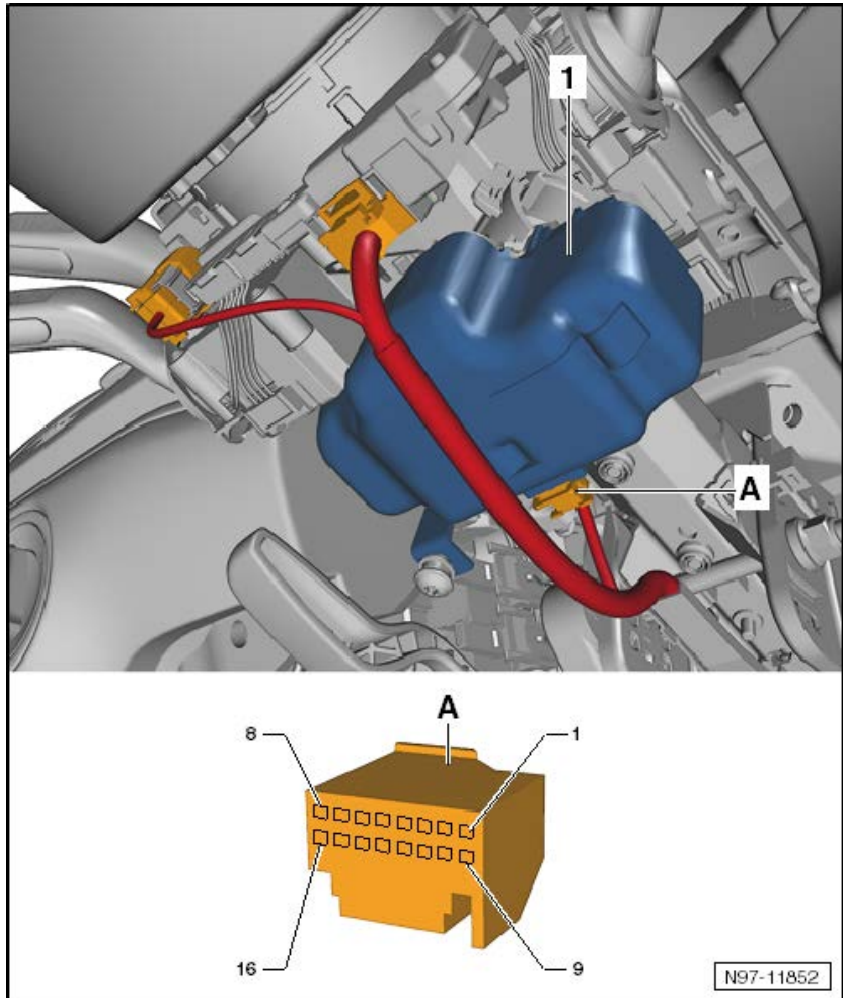
Electronic Steering Column Lock Control Module -J764-

1 - Electronic Steering Column
Lock Control Module -J764-

behind the steering column
trim

Connector:

- -A-16-pin connector -T16s-



Golf

Component Locations

No. 803 / 25

Instrument cluster -K- , Instrument Cluster Control Module -J285-**Pin Arrangements:**

1 - Instrument cluster -K- /
Instrument Cluster Control
Module -J285-

Pin Arrangements:

-1-Fuel level sensor -G- (full),
Fuel pump control module -
J538-

-A-32-pin connector -T32-

2 - Fuel level sensor -G- (empty)

3 - Not used

4 - Not used

5 - Not used

6 - Not used

7 - Anti-theft immobilizer reader
coil -D2-

8 - Anti-theft immobilizer reader
coil 2 -D3-

9 - Power Sunroof Control
Module -J245- Speedometer,
output

10 - Not used

11 - Oil level thermal sensor -G266-

12 - Not used

13 - Not used

14 - Not used

15 - Left front brake pad wear
sensor -G34-

16 - Ground connection 22 (in
main wiring harness) -367-

17 - Windshield washer fluid level
indicator lamp -K37-

18 - Engine coolant
level/temperature indicator
lamp -K28-

19 - Outside air temperature sensor -G17-

20 - Sensor ground connection 1 (in main wiring harness) -410-

21 - Not used

22 - Not used

23 - Not used

24 - Not used

25 - Parking brake indicator lamp -K139-

26 - Brake fluid level indicator lamp -K33-

27 - Oil pressure indicator lamp -K3-

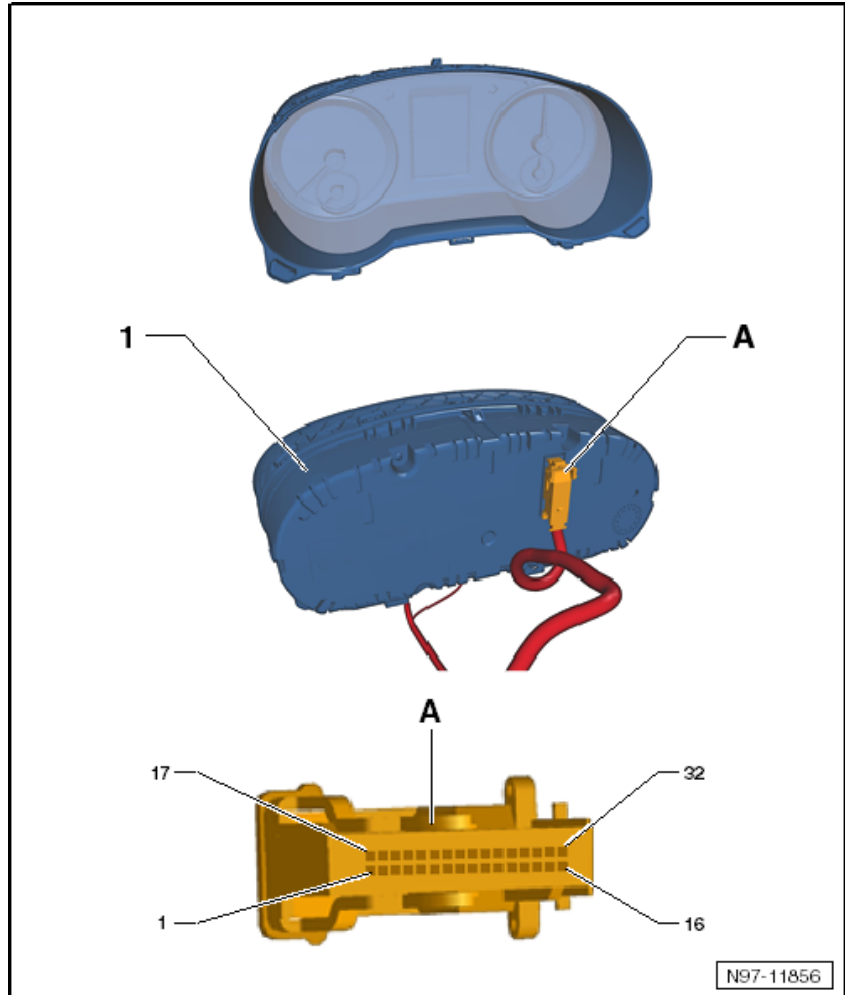
28 - Data Bus On Board Diagnostic Interface -J533-

29 - Data Bus On Board Diagnostic Interface -J533-

30 - Not used

31 - Fuse 6 (on fuse panel B) -SB6-

32 - Positive connection 8 (30a) (in instrument panel wiring harness) -B504-



Golf

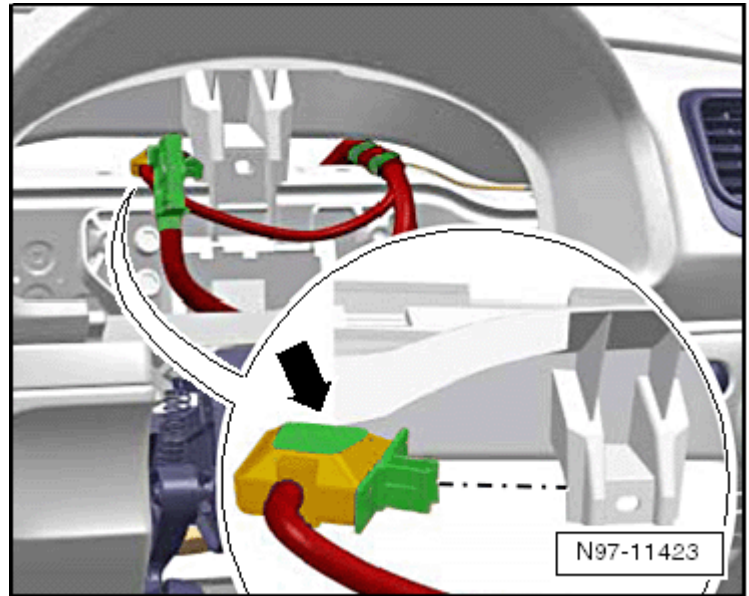
Component Locations

No. 803 / 26

Traffic data antenna -R173-

Component Location:

Behind the Instrument cluster -K--Arrow-



Golf

Component Locations

No. 803 / 27

Vehicle Electrical System Control Module -J519-

Component Location:

Below the driver's side instrument panel ,
underneath the relay carrier

Pin Arrangements:

Pin Arrangements 52-pin connector -T52 A--black-
→ [Chapter](#)

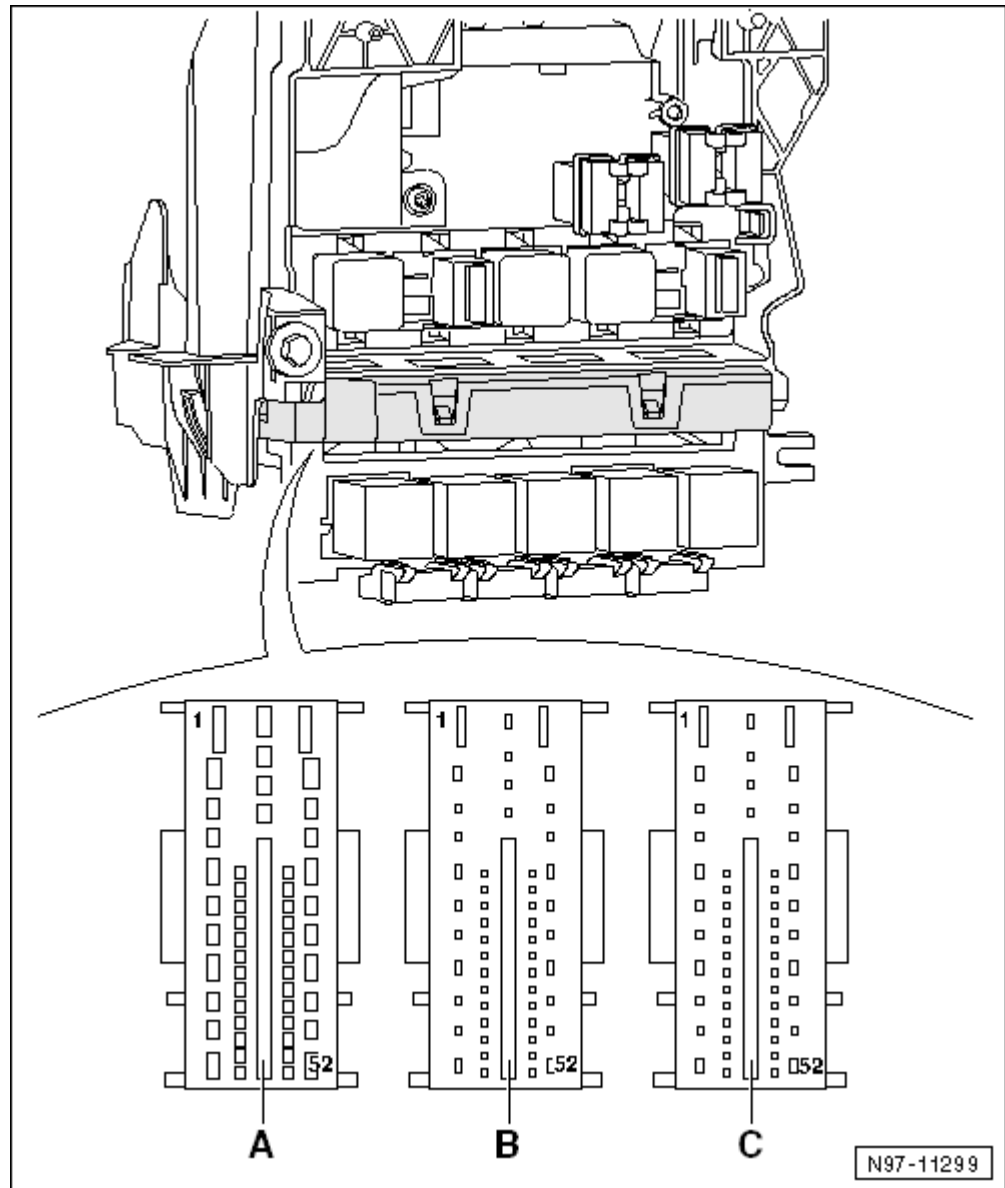
Pin Arrangements 52-pin connector -T52 B--white-
→ [Chapter](#)

Pin Arrangements 52-pin connector -T52 C-- brown-
→ [Chapter](#)

Connector assignment Blue-e-motion, Engine code
(German abbreviation EAAA) 52-pin connector -
T52 A--black- → [Chapter](#)

Connector assignment Blue-e-motion, Engine code
(German abbreviation EAAA)52-pin connector -
T52 B--white- → [Chapter](#)

Connector assignment Blue-e-motion, Engine code
(German abbreviation EAAA)52-pin connector -
T52 C-- brown- → [Chapter](#)



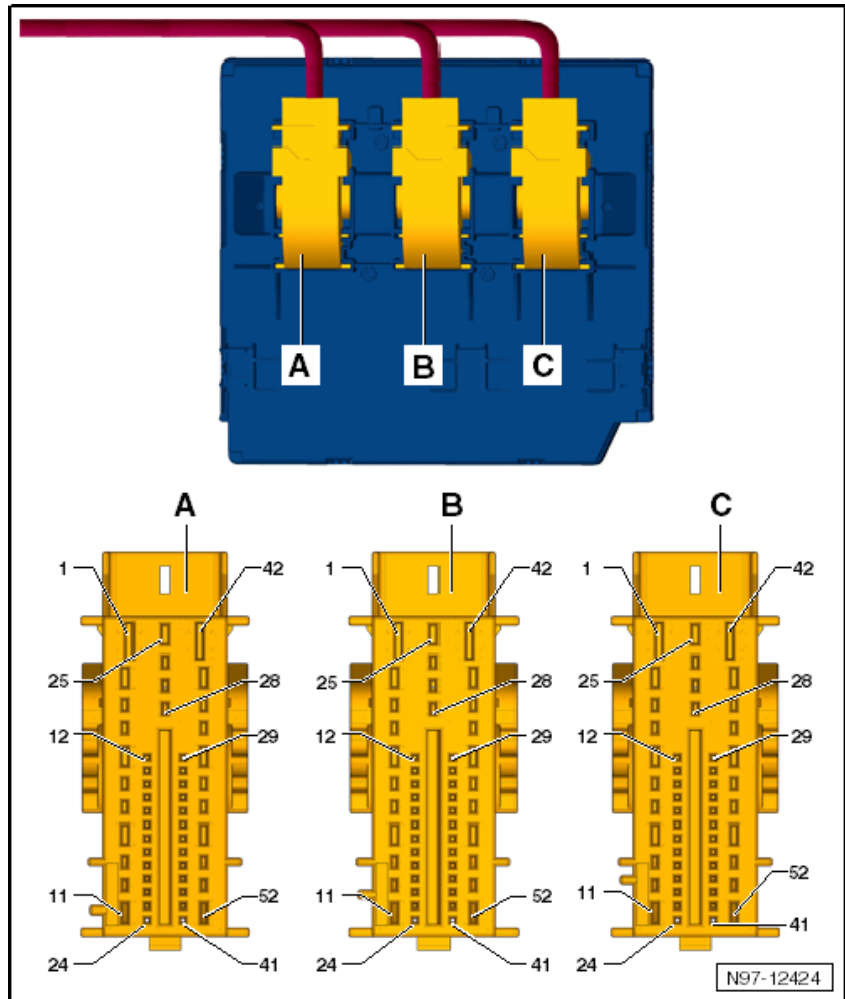
Golf

Component Locations

No. 803 / 28

52-pin connector -T52 A- black -A-

- 1 - Fuse 26 on fuse panel B - SB26-
- 2 - Not used
- 3 - Not used
- 4 - Left washer nozzle heater - Z20- , Right washer nozzle heater -Z21-
- 5 - Left high beam headlamp bulb -M30-
- 6 - Left daytime running lamp bulb -L174-
- 7 - Not used
- 8 - Not used
- 9 - Right rear turn signal bulb - M8-
- 10 - Left front turn signal bulb -M5-
- 11 - Left low beam headlamp bulb - M29-
- 12 - Rear lid lock unit -F256-
Luggage compartment lamp - W3-
- 13 - Release button in rear lid handle -E234-
- 14 - Engine hood contact switch - F266-
- 15 - Not used
- 16 - Back-up lamp switch -F4-
- 17 - Rear fog lamp switch -E18-
- 18 - Light Switch -E1- Zero Position
- 19 - Light Switch -E1- Parking Light
- 20 - Light Switch -E1- Automatic Headlamps
- 21 - Fog lamp switch -E7-
- 22 - Light Switch -E1- Low Beam
- 23 - Ground connection 2 (in main wiring harness)-367-
- 24 - Fuse 3 on fuse panel B -SB3- Terminal 30
- 25 - Left front fog lamp bulb -L22-
- 26 - Right brake and tail lamp bulb -M22-
- 27 - Left tail lamp bulb -M4- Left Rear Parking Lamp
- 28 - Right daytime running lamp bulb -L175-
- 29 - Rear lid lock unit -F256-
- 30 - Right rear door contact switch -F11-
- 31 - Not used
- 32 - Not used
- 33 - Not used
- 34 - Not used
- 35 - Heater/heat output switch -E16-
- 36 - Interior monitoring deactivation switch -E267-
- 37 - Not used
- 38 - Not used



- 39 - Not used
- 40 - Not used
- 41 - Not used
- 42 - Ground connection 21 (in main wiring harness) -386-
- 43 - Rear window wiper motor -V12- , Windshield and rear window washer pump -V59-
- 44 - Right side marker lamp bulb -M3-
- 45 - High-mounted brake lamp bulb -M25-
- 46 - Fuel filler door unlock motor -V155-
- 47 - Not used
- 48 - Left rear central locking lock unit -F222-
- 49 - Right rear central locking -lock- motor -V215-
- 50 - Not used
- 51 - Not used
- 52 - Not used

Golf

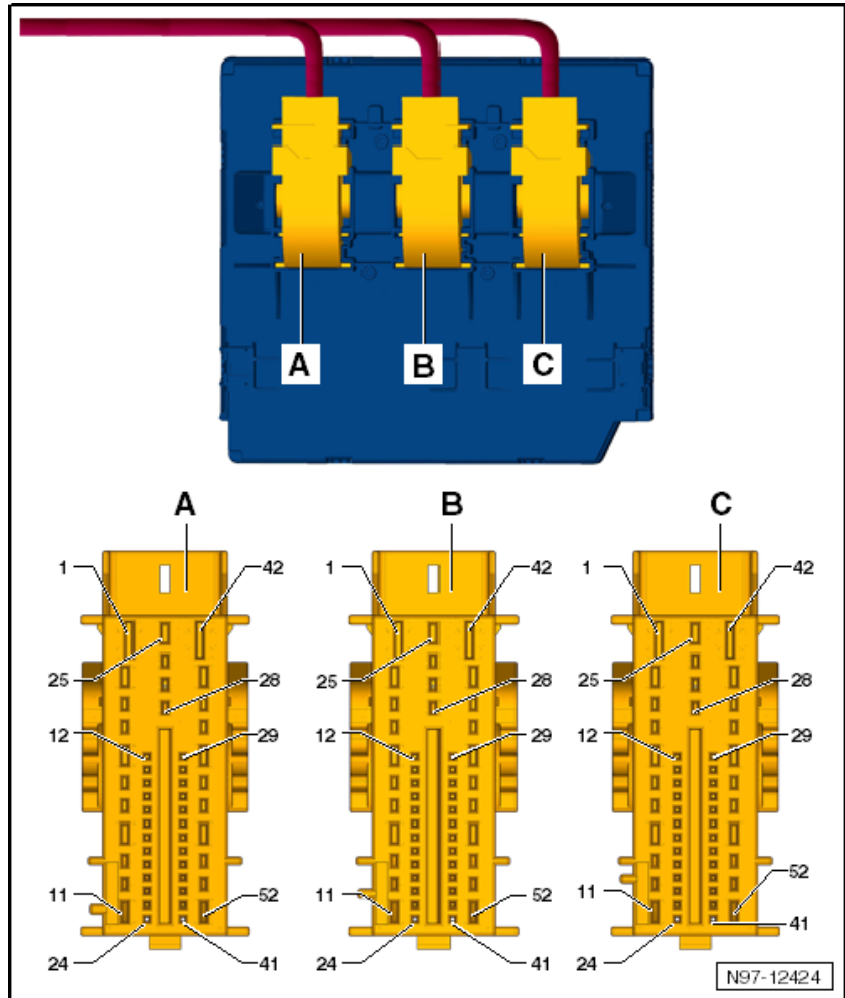
Component Locations

No. 803 / 29

Pin Arrangements:

52-pin connector -T52 B- white-B-

- 1 - Fuse 45 on fuse panel C - SC45- Central locking system
- 2 - Rear window wiper motor - V12-Windshield and rear window washer pump -V59-
- 3 - Not used
- 4 - Not used
- 5 - Not used
- 6 - Not used
- 7 - Not used
- 8 - Not used
- 9 - Not used
- 10 - Not used
- 11 - Rear lid unlock motor -V139-
- 12 - Power Supply Relay terminal 15 -J329-
- 13 - Not used
- 14 - Heater/heat output switch - E16-Rear window defogger indicator lamp -K10-
- 15 - Instrument panel and switch illumination dimmer switch - E20-
- 16 - Power Sunroof Control Module -J245-
- 17 - Power Sunroof Control Module -J245- Convenience Locking
- 18 - Not used
- 19 - Not used
- 20 - Not used
- 21 - Front seat heating control module -J774- Heated Seats - Off-
- 22 - Rear Window Defogger Relay -J9-
- 23 - Not used
- 24 - Emergency flasher button -E229- , Emergency flasher indicator lamp -K6-
- 25 - Not used
- 26 - Not used
- 27 - Not used
- 28 - Load Reduction Relay -J59-
- 29 - Power supply relay, terminal 50 -J682-
- 30 - Instrument panel and switch illumination dimmer switch -E20-
- 31 - Not used
- 32 - Not used
- 33 - Wiper Motor Control Module -J400-Rain/light recognition sensor -G397- LIN-Bus
- 34 - Not used
- 35 - Not used
- 36 - Alarm Horn -H12-Interior monitoring sensor -G273-Vehicle inclination sensor -G384- , LIN-Bus
- 37 - Interior monitoring deactivation switch -E267- , Interior monitoring -off- indicator lamp -K162- , Fuel primer relay -J643- , Fuel pump control module -J538-



- 38 - Fuel primer relay -J643-
- 39 - Not used
- 40 - Headlamp Washer Relay -J39-
- 41 - Dual tone horn relay -J4-
- 42 - Fuse 46 on fuse panel C -SC46-
- 43 - Plus connection 1 (30g) in main wiring harness -B559-
- 44 - Not used
- 45 - Not used
- 46 - Not used
- 47 - Not used
- 48 - Not used
- 49 - Not used
- 50 - Left footwell lamp -W9-Right footwell lamp -W10-
- 51 - Connection 1 (58d) (in main wiring harness) -B340-
- 52 - Ground connection 1 (in main wiring harness) -366-

Golf

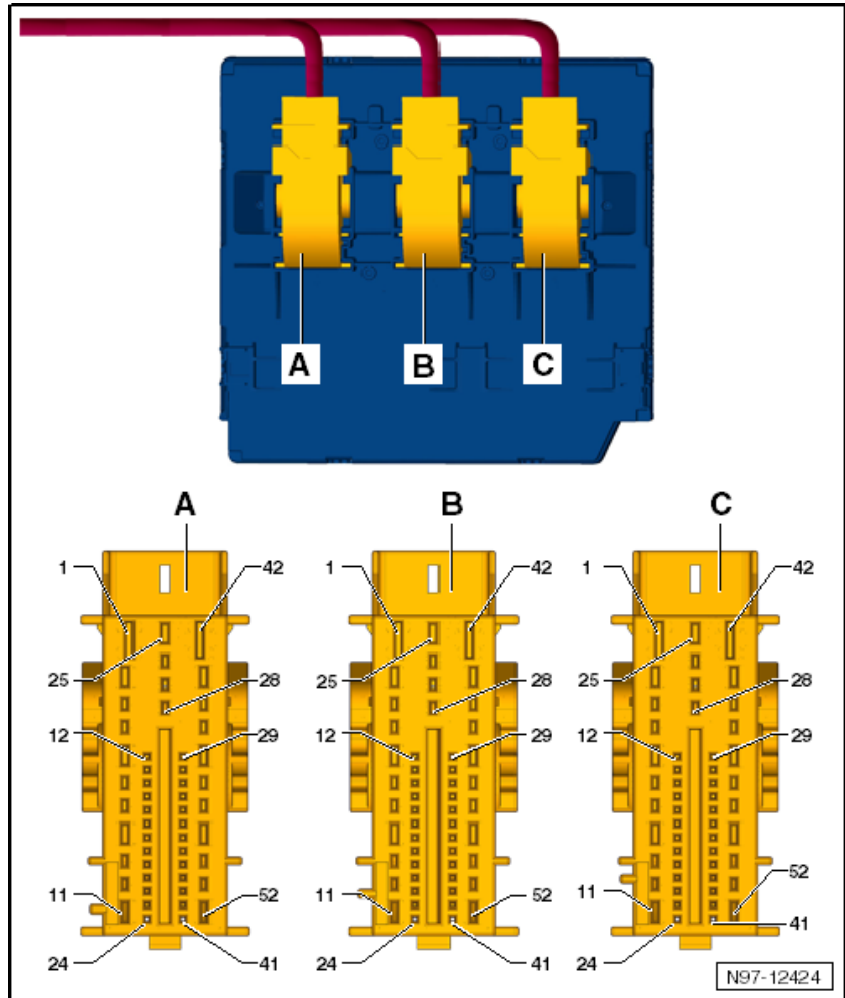
Component Locations

No. 803 / 30

Pin Arrangements:

52-pin connector -T52 C- brown-C-

- 1 - Not used
- 2 - Not used
- 3 - Right tail lamp bulb -M2-
- 4 - Left brake/tail lamp bulb -M21-
- 5 - Ground connection 21 (in main wiring harness) -386-
- 6 - Not used
- 7 - Emergency flasher button - E229-
- 8 - Not used
- 9 - Not used
- 10 - Connection 1 (TK) in the interior wiring harness -B154- , Front interior lamp -W1-
- 11 - Not used
- 12 - Not used
- 13 - Steering Column Electronic Systems Control Module - J527-Ignition/starter switch -D-Terminal S
- 14 - Positive connection 1 (50) in the main wiring harness - B239- , Steering column electronic systems control module -J527-
- 15 - Data Bus On Board Diagnostic Interface -J533- , (Comfort system CAN bus high) connection 2 in the main wiring harness -B398-
- 16 - Data Bus On Board Diagnostic Interface -J533- , (Comfort system CAN bus low) connection 2 in the main wiring harness -B407-
- 17 - Brake lamp switch -F-
- 18 - Not used
- 19 - Not used
- 20 - Not used
- 21 - Not used
- 22 - Not used
- 23 - Not used
- 24 - Not used
- 25 - Right front fog lamp bulb -L23-
- 26 - Left side marker lamp bulb -M1-
- 27 - License plate lamp -X-
- 28 - Right rear fog lamp bulb -L47-Right back-up lamp bulb -M17-
- 29 - Not used
- 30 - Direct Shift Gearbox (DSG) Mechatronic -J743- , Clutch position sensor -G476-
- 31 - Steering Column Electronic Systems Control Module -J527-
- 32 - Converter with socket, 12 V-230 V -U13 - Terminal L



- 33 - Not used
- 34 - Not used
- 35 - Instrument panel and switch illumination dimmer switch -E20-
- 36 - Not used
- 37 - Not used
- 38 - Not used
- 39 - Not used
- 40 - Central locking and anti-theft alarm system antenna -R47- Screening Antenna
- 41 - Central locking and anti-theft alarm system antenna -R47-
- 42 - Fuse 16 on fuse panel B -SB16-
- 43 - Not used
- 44 - Not used
- 45 - Not used
- 46 - Right high beam headlamp bulb -M32-
- 47 - Left rear fog lamp bulb -L46- , Left back-up lamp bulb -M16-
- 48 - Not used
- 49 - Not used
- 50 - Right front turn signal bulb -M7-
- 51 - Left rear turn signal bulb -M6-
- 52 - Right low beam headlamp bulb -M31-

Golf

Component Locations

No. 803 / 31

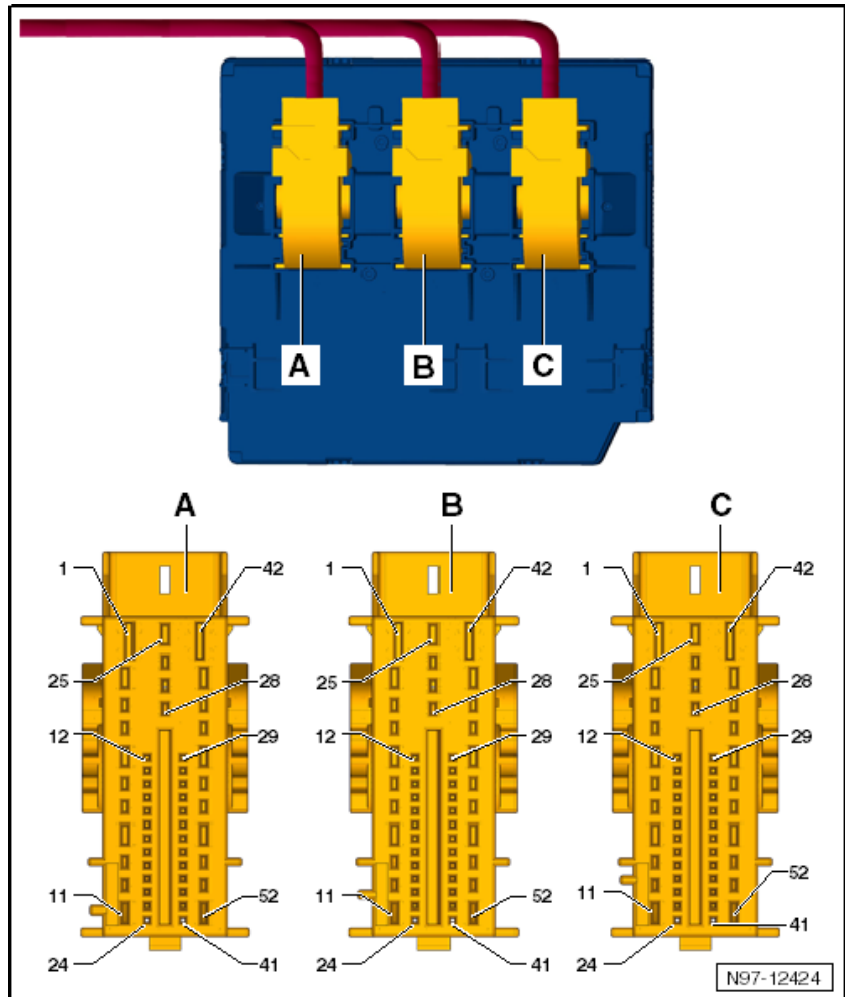
Vehicle Electrical System Control Module -J519- Blue-e-motion

Engine code (German abbreviation EAAA)

Pin Arrangements:

Blue-e-motion 52-pin connector -T52 A- black -A-

- 1 - Fuse 26 on fuse panel B - SB26-
- 2 - Not used
- 3 - Not used
- 4 - Not used
- 5 - Left high beam headlamp bulb -M30-
- 6 - Left daytime running lamp bulb -L174-
- 7 - Not used
- 8 - Not used
- 9 - Right rear turn signal bulb - M8-
- 10 - Left front turn signal bulb -M5-
- 11 - Left low beam headlamp bulb - M29-
- 12 - Rear lid lock unit -F256-
Luggage compartment lamp - W3-
- 13 - Release button in rear lid handle -E234-
- 14 - Engine hood contact switch - F266-
- 15 - Not used
- 16 - Back-up lamp switch -F4-
- 17 - Rear fog lamp switch -E18-
- 18 - Light Switch -E1- Zero Position
- 19 - Light Switch -E1- Parking Light
- 20 - Light Switch -E1- Automatic Headlamps
- 21 - Fog lamp switch -E7-
- 22 - Light Switch -E1- Low Beam
- 23 - Ground connection in right front footwell-47-
- 24 - Battery monitoring control module -J367- , Fuse 3 on fuse panel B -SB3- Terminal 30
- 25 - Left front fog lamp bulb -L22-
- 26 - Right brake and tail lamp bulb -M22-
- 27 - Left tail lamp bulb -M4- Left Rear Parking Lamp
- 28 - Right daytime running lamp bulb -L175-
- 29 - Rear lid lock unit -F256-
- 30 - Right rear door contact switch -F11-
- 31 - Not used
- 32 - Not used
- 33 - Not used
- 34 - Not used



- 35 - Not used
- 36 - Interior monitoring deactivation switch -E267-
- 37 - Not used
- 38 - Not used
- 39 - Not used
- 40 - Not used
- 41 - Not used
- 42 - Ground connection 21 (in main wiring harness) -386-
- 43 - Rear window wiper motor -V12- , Windshield and rear window washer pump -V59-
- 44 - Right side marker lamp bulb -M3-
- 45 - High-mounted brake lamp bulb -M25-
- 46 - High voltage charge door lock relay actuator 1 -F496- , High voltage charge door lock relay actuator 2 -F497-
- 47 - Not used
- 48 - Left rear central locking lock unit -F222-
- 49 - Right rear central locking -lock- motor -V215-
- 50 - Not used
- 51 - Not used
- 52 - Not used

Golf

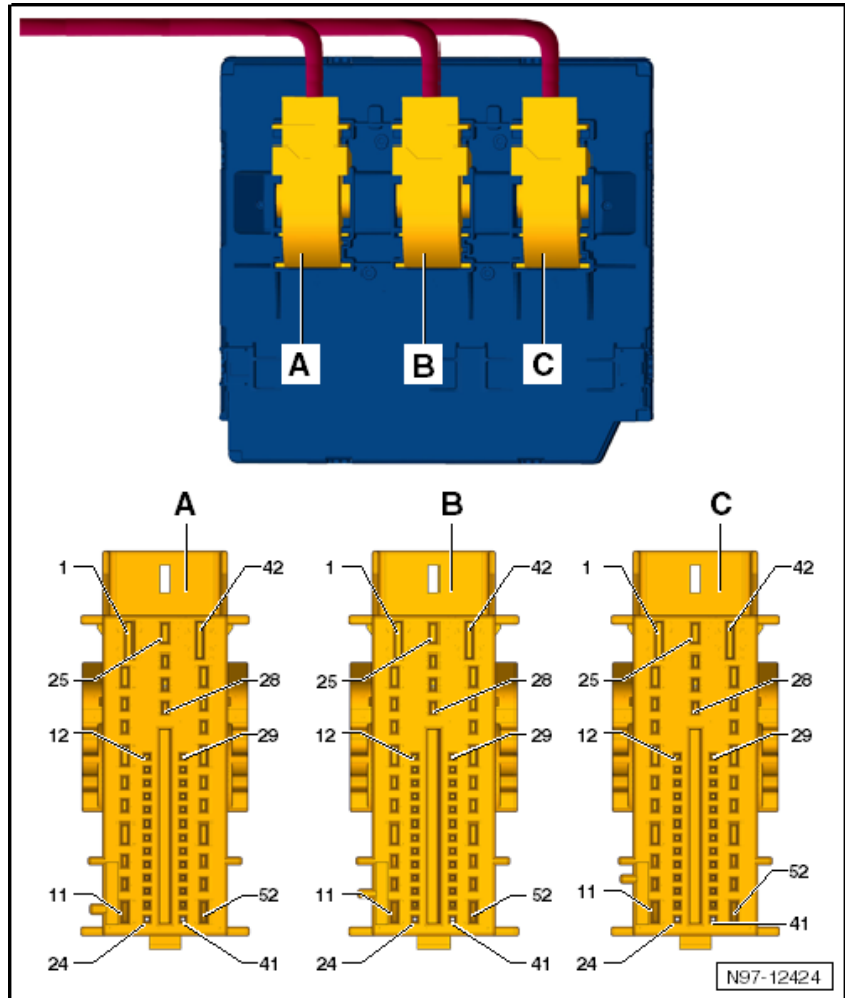
Component Locations

No. 803 / 32

Pin Arrangements:

Blue-e-motion 52-pin connector -T52 B- white-B-

- 1 - Fuse 45 on fuse panel C - SC45- Central locking system
- 2 - Rear window wiper motor - V12-Windshield and rear window washer pump -V59-
- 3 - Not used
- 4 - Not used
- 5 - High voltage charge door lock relay actuator 1 -F496- , High voltage charge door lock relay actuator 2 -F497-
- 6 - Not used
- 7 - Not used
- 8 - Not used
- 9 - Not used
- 10 - Not used
- 11 - Rear lid unlock motor -V139-
- 12 - Power Supply Relay terminal 15 -J329-
- 13 - Not used
- 14 - Heater/heat output switch - E16-Rear window defogger indicator lamp -K10-
- 15 - Instrument panel and switch illumination dimmer switch - E20-
- 16 - Not used
- 17 - Not used
- 18 - Not used
- 19 - Not used
- 20 - Not used
- 21 - Front seat heating control module -J774- Heated Seats - Off-
- 22 - Rear Window Defogger Relay -J9-
- 23 - Windshield defroster relay -J47-
- 24 - Emergency flasher button -E229- , Emergency flasher indicator lamp -K6-
- 25 - Not used
- 26 - Not used
- 27 - Not used
- 28 - Load Reduction Relay -J59-
- 29 - Power supply relay, terminal 50 -J682-
- 30 - Instrument panel and switch illumination dimmer switch -E20-
- 31 - Not used
- 32 - Not used
- 33 - Wiper Motor Control Module -J400-Rain/light recognition sensor -G397- LIN-Bus
- 34 - Not used
- 35 - Not used
- 36 - Alarm Horn -H12- , Interior monitoring sensor -G273- , LIN-Bus
- 37 - Interior monitoring deactivation switch -E267- , Interior monitoring -off- indicator lamp -K162- , Fuel primer relay -J643- , Fuel pump control module -J538-



- 38 - Fuel primer relay -J643-
- 39 - Not used
- 40 - Headlamp Washer Relay -J39-
- 41 - Dual tone horn relay -J4-
- 42 - Fuse 46 on fuse panel C -SC46-
- 43 - Plus connection 1 (30g) in main wiring harness -B559-
- 44 - Not used
- 45 - Not used
- 46 - Not used
- 47 - Not used
- 48 - Not used
- 49 - Not used
- 50 - Left footwell lamp -W9-Right footwell lamp -W10-
- 51 - Connection 1 (58d) (in main wiring harness) -B340- , Switch illumination bulb -L156- , Driving program button -E598- , Immediate upload button -E766- , Selector lever -E313-
- 52 - Ground connection on A-pillar, lower left -44- , Ground connection on upper steering column -605-

Golf

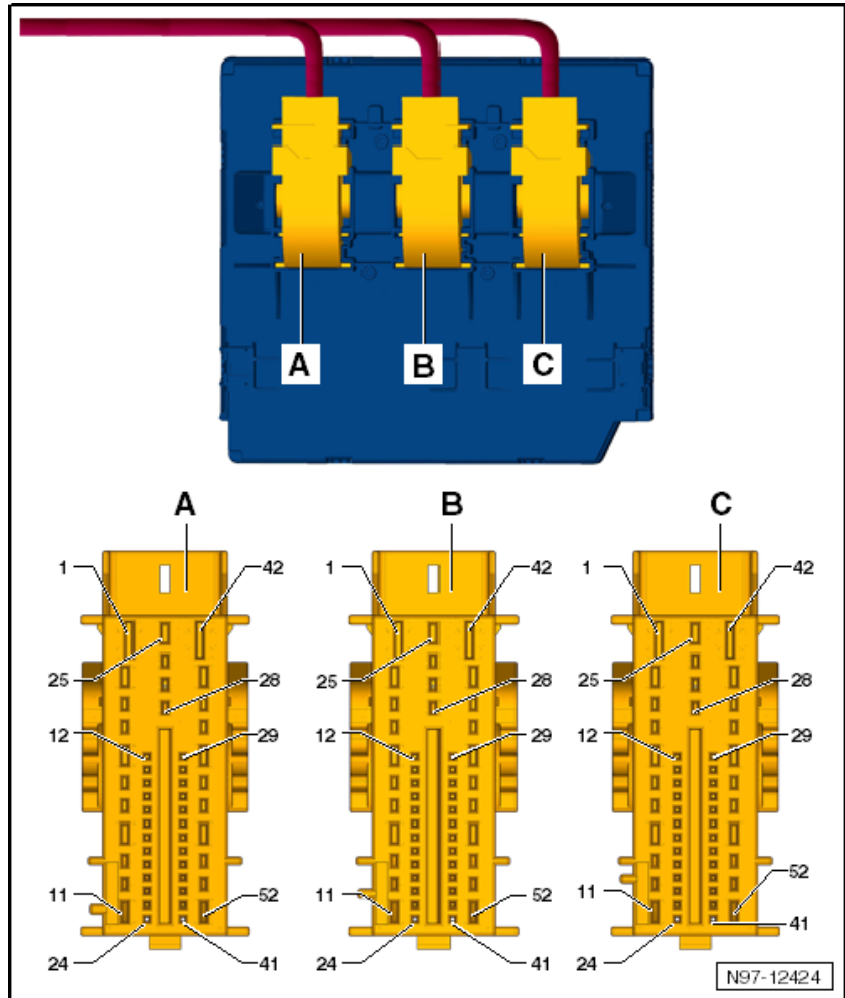
Component Locations

No. 803 / 33

Pin Arrangements:

Blue-e-motion 52-pin connector -T52 C- brown-C-

- 1 - Not used
- 2 - Not used
- 3 - Right tail lamp bulb -M2-
- 4 - Left brake/tail lamp bulb -M21-
- 5 - Ground connection on A-pillar, lower left -44- , Ground connection on upper steering column -605-
- 6 - Not used
- 7 - Emergency flasher button - E229-
- 8 - Not used
- 9 - Not used
- 10 - Connection 1 (TK) in the interior wiring harness -B154- , Front interior lamp -W1-
- 11 - Not used
- 12 - Not used
- 13 - Steering Column Electronic Systems Control Module - J527-Ignition/starter switch -D-Terminal S
- 14 - Connection 1 (in main wiring harness) -B465- , Steering Column Electronic Systems Control Module -J527- ,
- 15 - Data Bus On Board Diagnostic Interface -J533- , (Comfort system CAN bus high) connection 2 in the main wiring harness -B398-
- 16 - Data Bus On Board Diagnostic Interface -J533- , (Comfort system CAN bus low) connection 2 in the main wiring harness -B407-
- 17 - Brake lamp switch -F- , Engine Control Module (ECM) -J623-
- 18 - Not used
- 19 - Not used
- 20 - Not used
- 21 - Not used
- 22 - Not used
- 23 - Not used
- 24 - Not used
- 25 - Right front fog lamp bulb -L23-
- 26 - Left side marker lamp bulb -M1-
- 27 - License plate lamp -X-
- 28 - Right back-up lamp bulb -M17-
- 29 - Not used
- 30 - Not used
- 31 - Steering Column Electronic Systems Control Module -J527-



- 32 - Not used
- 33 - Not used
- 34 - Not used
- 35 - Instrument panel and switch illumination dimmer switch -E20-
- 36 - Not used
- 37 - Not used
- 38 - Not used
- 39 - Not used
- 40 - Central locking and anti-theft alarm system antenna -R47- Screening Antenna
- 41 - Central locking and anti-theft alarm system antenna -R47-
- 42 - Fuse 16 on fuse panel B -SB16-
- 43 - Not used
- 44 - Not used
- 45 - Not used
- 46 - Right high beam headlamp bulb -M32-
- 47 - Left rear fog lamp bulb -L46-
- 48 - Not used
- 49 - Not used
- 50 - Right front turn signal bulb -M7-
- 51 - Left rear turn signal bulb -M6-
- 52 - Right low beam headlamp bulb -M31-

Golf

Component Locations

No. 803 / 34

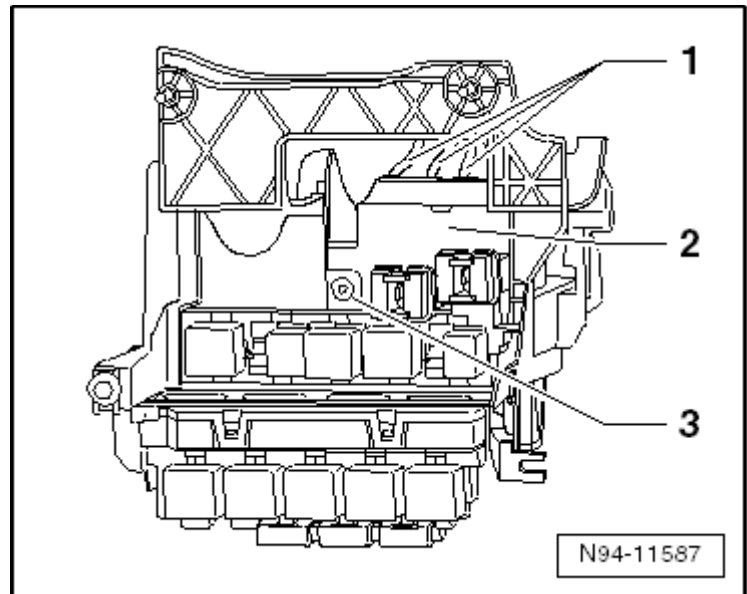
Parking Aid Control Module -J446-

Component Location:

Under the instrument panel, left, behind the relay carrier above the vehicle electrical system control module (BCM) -2-

Connector on the parking aid control module J446-1-

Bolt-3-



Golf

Component Locations

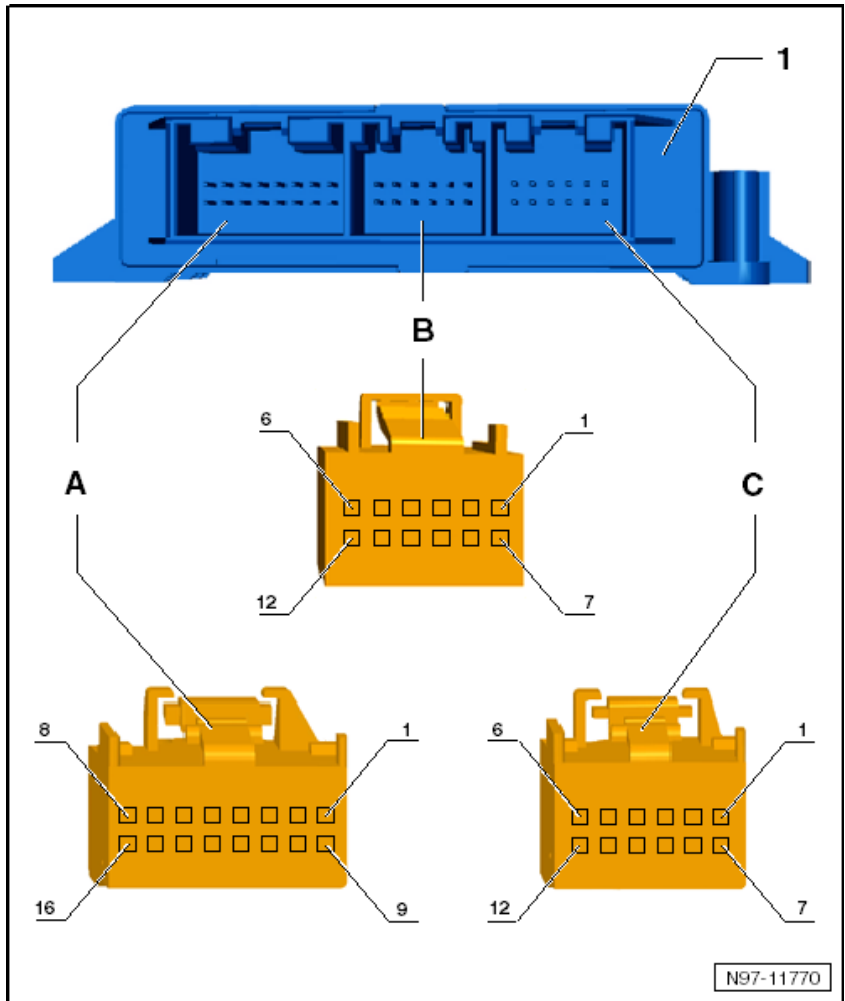
No. 803 / 35

Pin Arrangements:

1 - Parking Aid Control Module - J446-

Connector:

- A - 16-pin connector -T16j-
- B - 12-pin connector -T12v-
- C - 12-pin connector -T12n-



Golf

Component Locations

No. 803 / 36

Pin Arrangements

A - 16-pin connector -T16j-

Pin Arrangements:

- 1 - Not used
- 2 - Rear parking aid warning buzzer -H15-
- 3 - Not used
- 4 - Parking aid button -E266-
- 5 - Not used
- 6 - Data Bus On Board Diagnostic Interface -J533-(Powertrain CAN bus high) connection 1 in the main wiring harness - B383-
- 7 - Not used
- 8 - Ground Connection 10 (in main wiring harness) -375-
- 9 - Not used
- 10 - Rear parking aid warning buzzer -H15- 1
- 11 - Not used
- 12 - Not used
- 13 - Parking aid indicator lamp - K136-
- 14 - Not used
- 15 - Data Bus On Board Diagnostic Interface -J533-(Powertrain CAN bus low) connection 1 in the main wiring harness - B390-
- 16 - Not used

B - 12-pin connector -T12v-

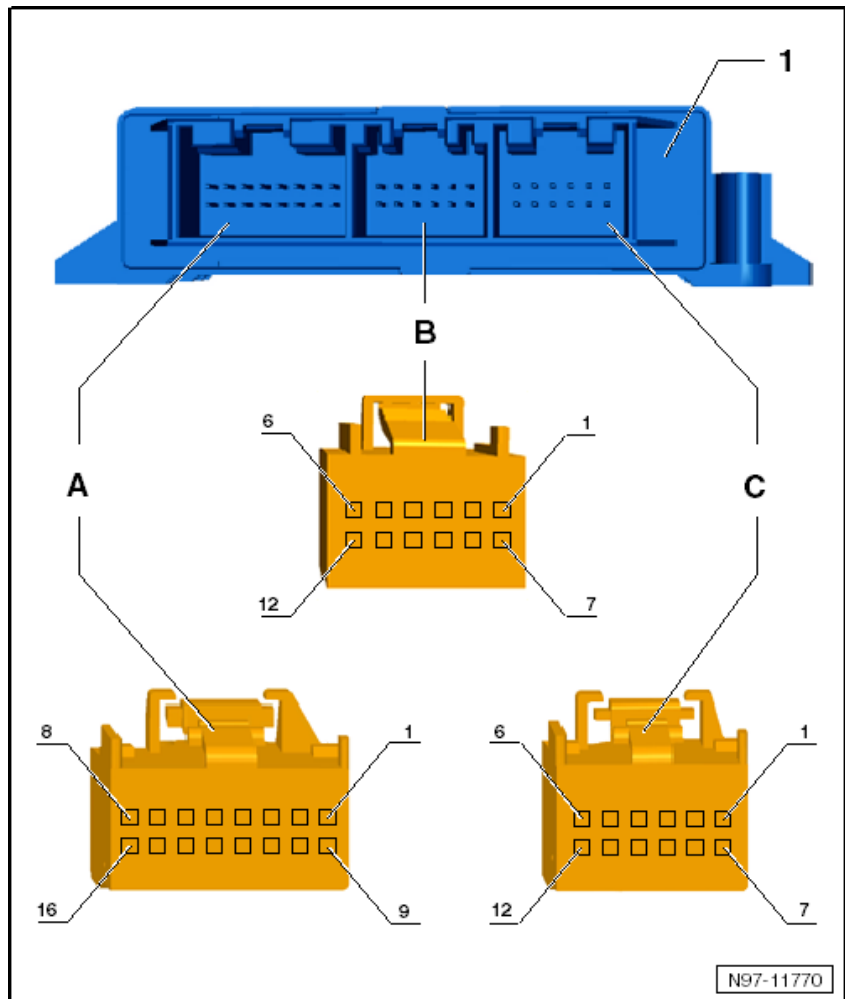
Pin Arrangements:

- 1 - Left front parallel parking assistance sensor -G568- 3
- 2 - Left front parallel parking assistance sensor -G568- 1
- 3 - Front parking aid warning buzzer -H22- 2
- 4 - Front parking aid warning buzzer -H22- 1
- 5 - Left front parking aid sensor -G255- 2
- 6 - Left front center parking aid sensor -G254- 2
- 7 - Right front center parking aid sensor -G253- 2
- 8 - Right front parking aid sensor -G252- 2
- 9 - Not used
- 10 - Not used
- 11 - Not used
- 12 - Not used

C - 12-pin connector -T12n-

Pin Arrangements:

- 1 - Not used
- 2 - Right rear center parking aid sensor -G205- 2
- 3 - Left rear center parking aid sensor -G204- 2
- 4 - Right rear parking aid sensor -G206- 2



- 5 - Left rear parking aid sensor -G203- 2
- 6 - Not used
- 7 - Not used
- 8 - Left rear parking aid sensor -G203- 3
- 9 - Not used
- 10 - Not used
- 11 - Left rear parking aid sensor -G203- 1
- 12 - Not used

Golf

Component Locations

No. 803 / 37

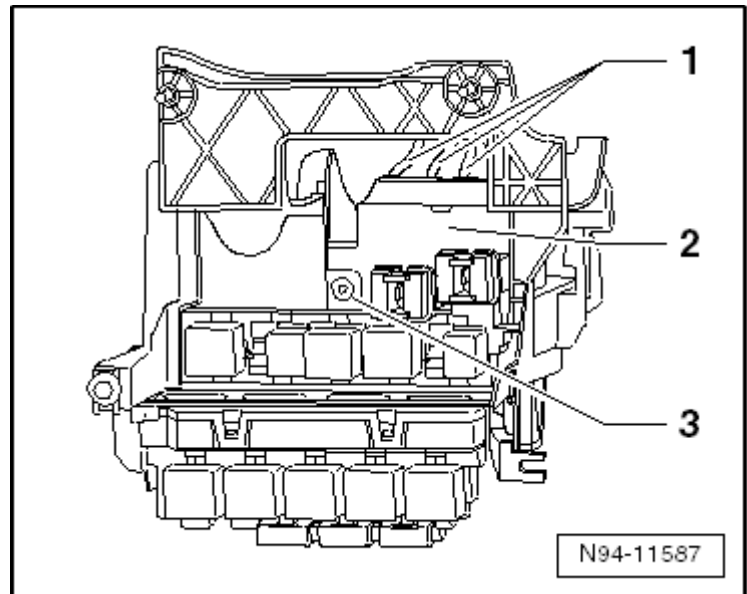
Parallel Parking Assistance Control Module -J791-

Component Location:

Under the instrument panel, left, behind the relay carrier above the vehicle electrical system control module (BCM) -2-

Connector on the parking aid control module J791-1-

Bolt-3-



Golf

Component Locations

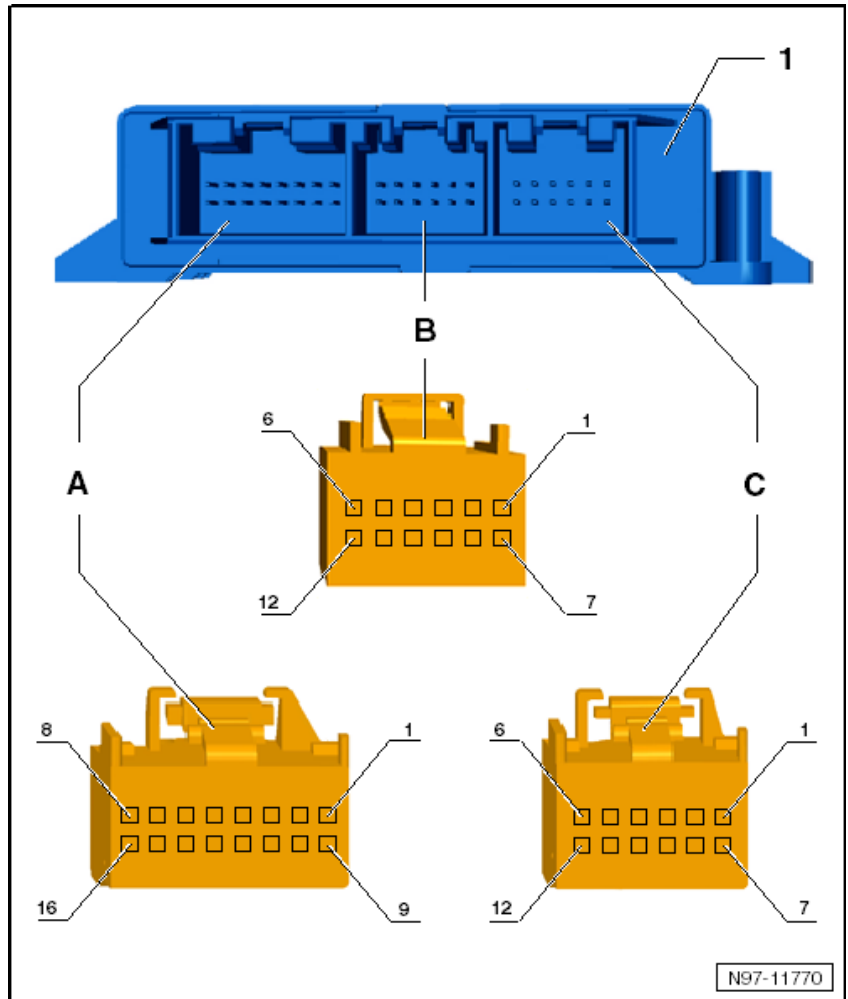
No. 803 / 38

Connectors:

1 - Parallel Parking Assistance
Control Module -J791-

Connector:

- A - 16-pin connector -T16j-
- B - 12-pin connector -T12v-
- C - 12-pin connector -T12n-



Golf

Component Locations

No. 803 / 39

Pin Arrangements

A - 16-pin connector -T16j-

Pin Arrangements:

- 1 - Positive connection 1 (15) in the interior wiring harness - A217-
- 2 - Rear parking aid warning buzzer -H15-
- 3 - Not used
- 4 - Parking aid button -E266-
- 5 - Not used
- 6 - Data Bus On Board Diagnostic Interface -J533-(Powertrain CAN bus high) connection 1 in the main wiring harness - B383-
- 7 - Not used
- 8 - Ground Connection 10 (in main wiring harness) -375-
- 9 - Parallel parking assistance indicator lamp -K241- 2
- 10 - Rear parking aid warning buzzer -H15- 1
- 11 - Not used
- 12 - Not used
- 13 - Parking aid indicator lamp - K136-
- 14 - Not used
- 15 - Data Bus On Board Diagnostic Interface -J533-(Powertrain CAN bus low) connection 1 in the main wiring harness - B390-
- 16 - Parallel parking assistance button -E581-

B - 12-pin connector -T12v-

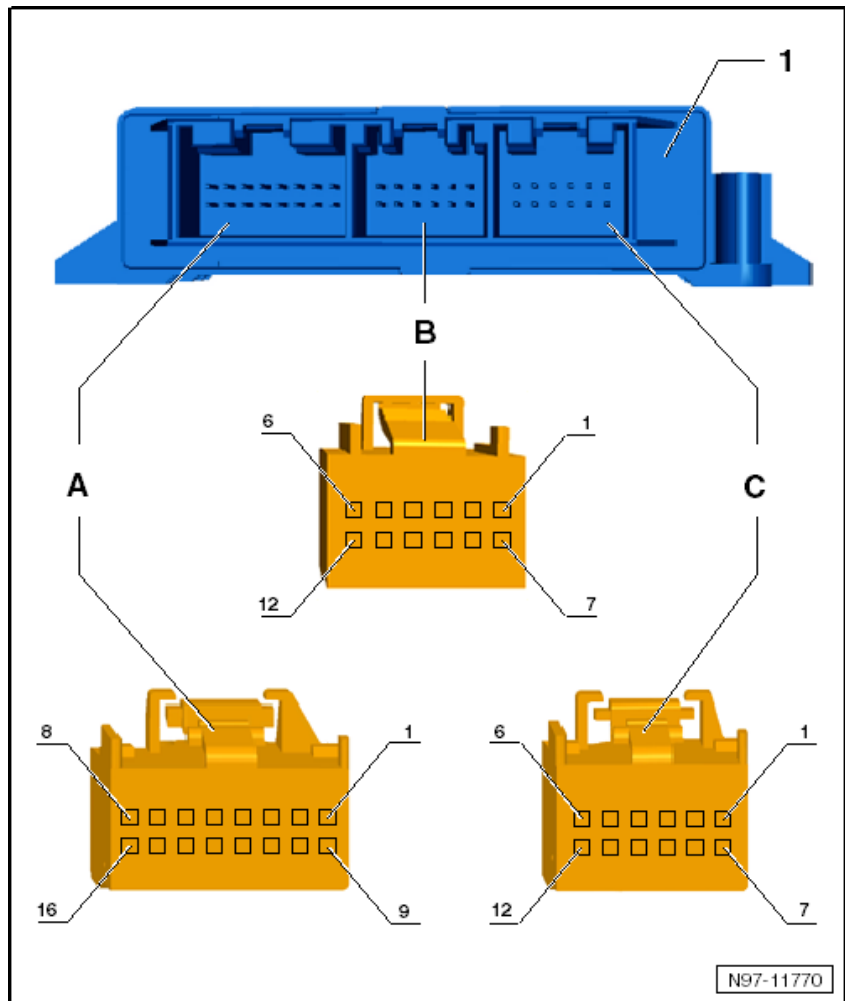
Pin Arrangements:

- 1 - Left front parallel parking assistance sensor -G568- 3
- 2 - Left front parallel parking assistance sensor -G568- 1
- 3 - Front parking aid warning buzzer -H22- 2
- 4 - Front parking aid warning buzzer -H22- 1
- 5 - Left front parking aid sensor -G255- 2
- 6 - Left front center parking aid sensor -G254- 2
- 7 - Right front center parking aid sensor -G253- 2
- 8 - Right front parking aid sensor -G252- 2
- 9 - Left front parallel parking assistance sensor -G568- 2
- 10 - Right front parallel parking assistance sensor -G569- 2
- 11 - Not used
- 12 - Not used

C - 12-pin connector -T12n-

Pin Arrangements:

- 1 - Not used



- 2 - Right rear center parking aid sensor -G205- 2
- 3 - Left rear center parking aid sensor -G204- 2
- 4 - Right rear parking aid sensor -G206- 2
- 5 - Left rear parking aid sensor -G203- 2
- 6 - Not used
- 7 - Not used
- 8 - Left rear parking aid sensor -G203- 3
- 9 - Not used
- 10 - Not used
- 11 - Left rear parking aid sensor -G203- 1
- 12 - Not used

Golf

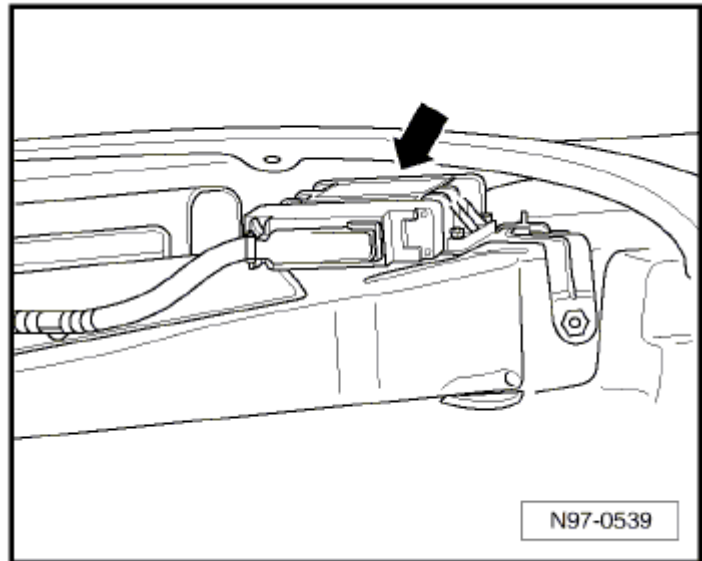
Component Locations

No. 803 / 40

Transmission Control Module (TCM) -J217-

Component Location:

in the left front wheel housing -Arrow-



Golf

Component Locations

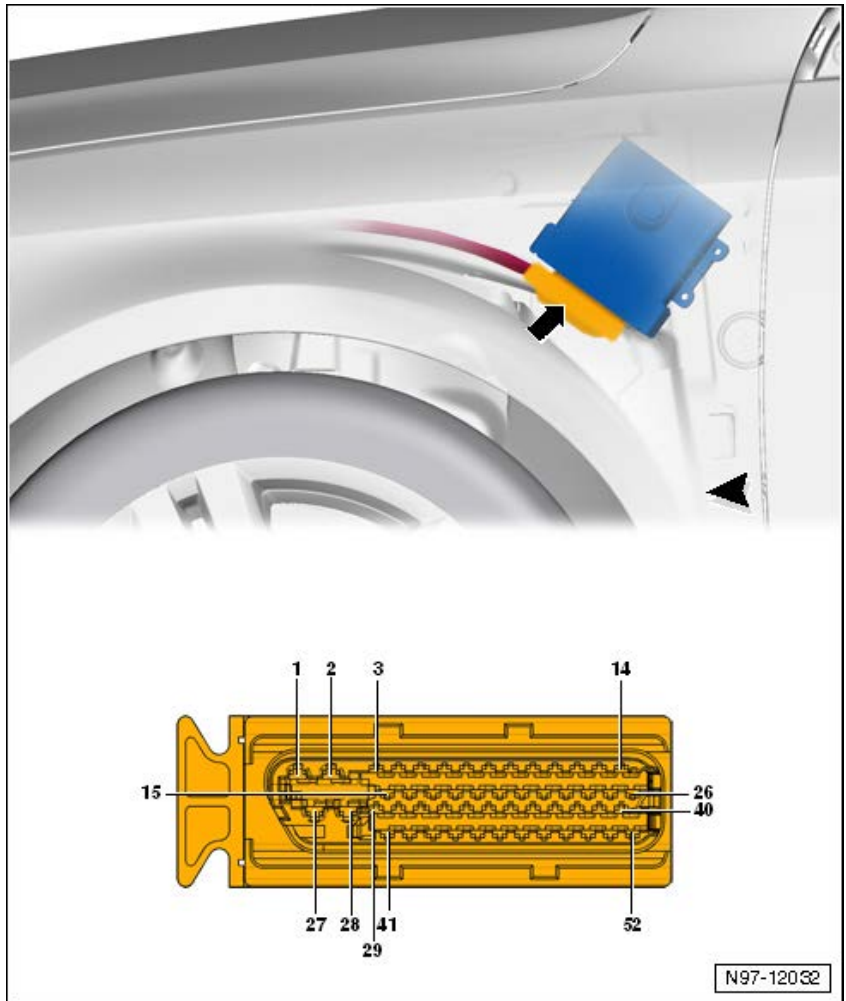
No. 803 / 41

Pin Arrangements:

- Transmission Control Module (TCM) -J217--Arrow-

Connector:

52-pin connector -T52-



Golf

Component Locations

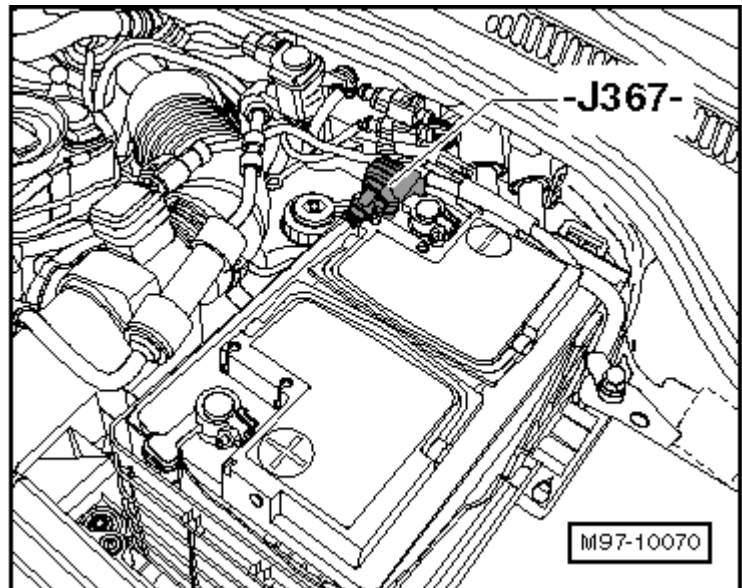
No. 803 / 42

Battery monitoring control module - J367-**Component Location:**

On the ground cable battery terminal clamp

**Note:**

Only for vehicles with Start/Stop system or Golf Blue-E-Motion.



Golf

Component Locations

No. 803 / 43

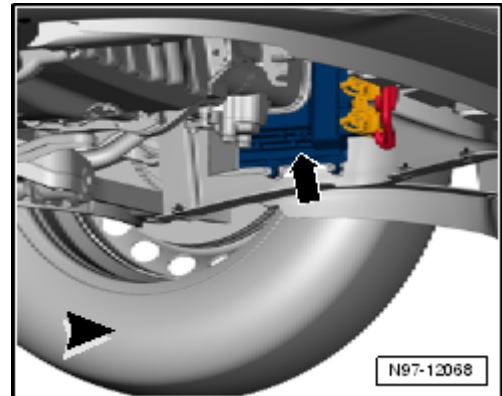
Natural gas operation control module -J659- (from November 2010)

Component Location:

on the left front longitudinal member-Arrow-

**Note:**

Only for engine codes, CHGA



Golf

Component Locations

No. 803 / 44

Pin Arrangements:



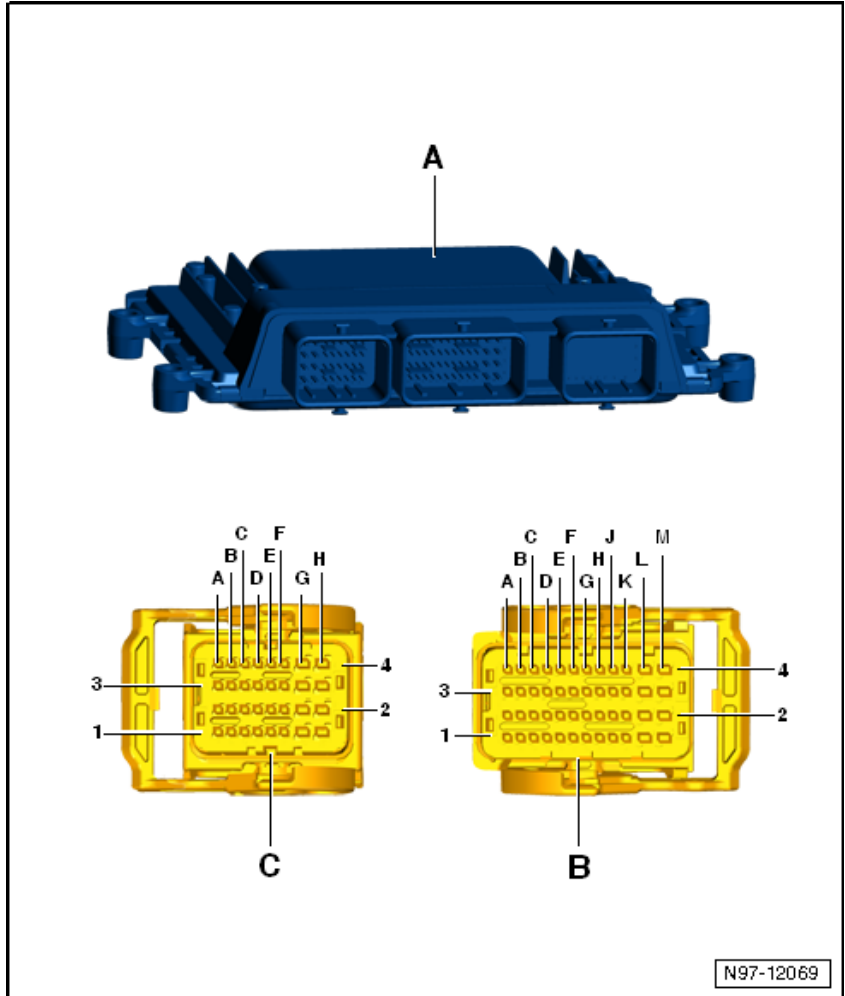
Note:

Pay attention to the special pin on the connector!

A - Natural gas operation control module -J659-

B - 48-pin connector -T48b-

C - 32-pin connector -T32c-



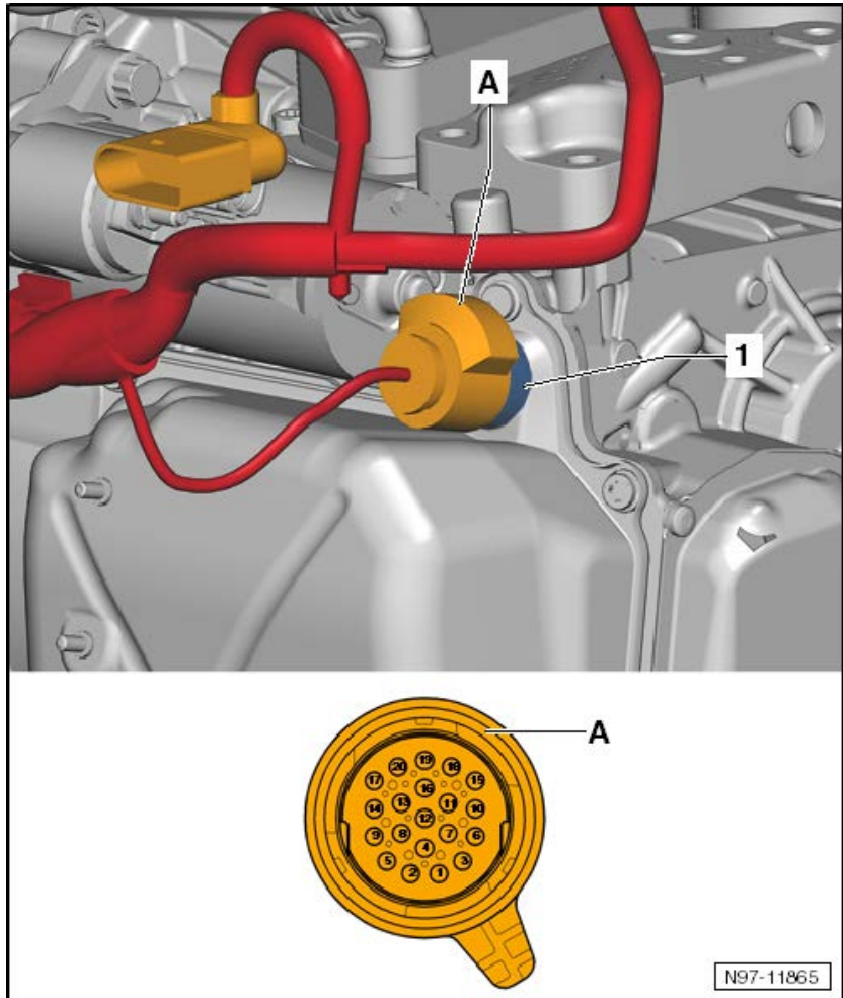
Golf

Component Locations

No. 803 / 45

Direct Shift Gearbox (DSG) Mechatronic -J743-**1 - Direct Shift Gearbox (DSG)
Mechatronic -J743-****Connection on transmission:**

- ❑ -A-20-pin connector -T20e- on the wiring harness
- ❑ Illustration be valid for Direct Shift Gearbox 02E
- ❑ DSG transmission 0AM 25-pin connector -T25- on the wiring harness



Golf

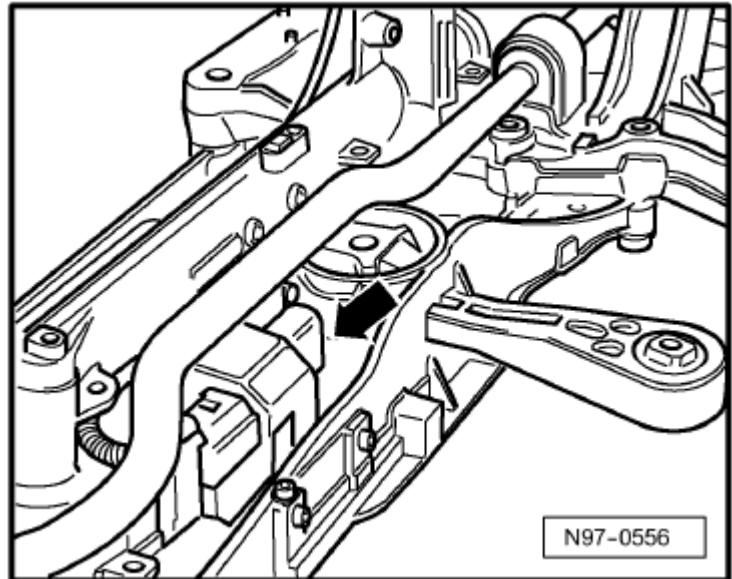
Component Locations

No. 803 / 46

Power Steering Control Module - J500-

Component Location:

On the steering on the center subframe -Arrow-



Golf

Component Locations

No. 803 / 47

Pin Arrangements:

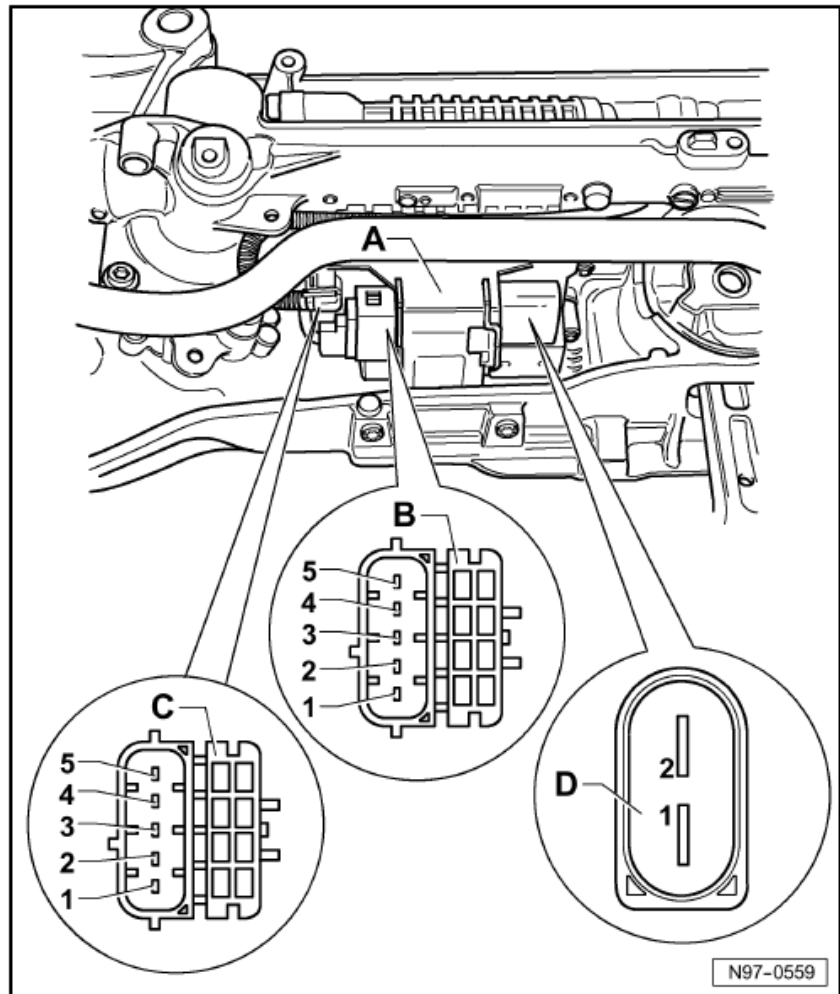
A - Power Steering Control
Module -J500-

Pin Connectors:

B - 5-pin connector -T5g-

C - 5-pin connector -T5h-

D - 2-pin connector -T2a-



Golf

Component Locations

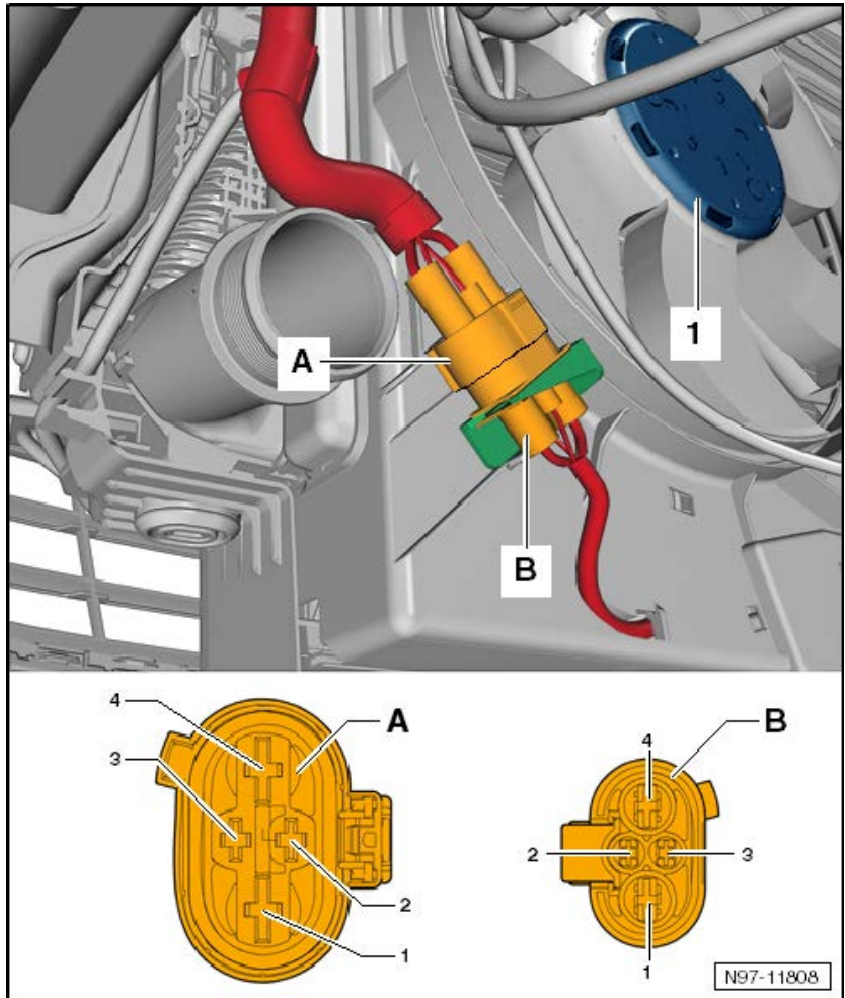
No. 803 / 48

Coolant fan control module -J293-

1 - Coolant fan control module - J293-

Connector:

- -A/B-4-pin connector -T4x- on the wiring harness



Golf

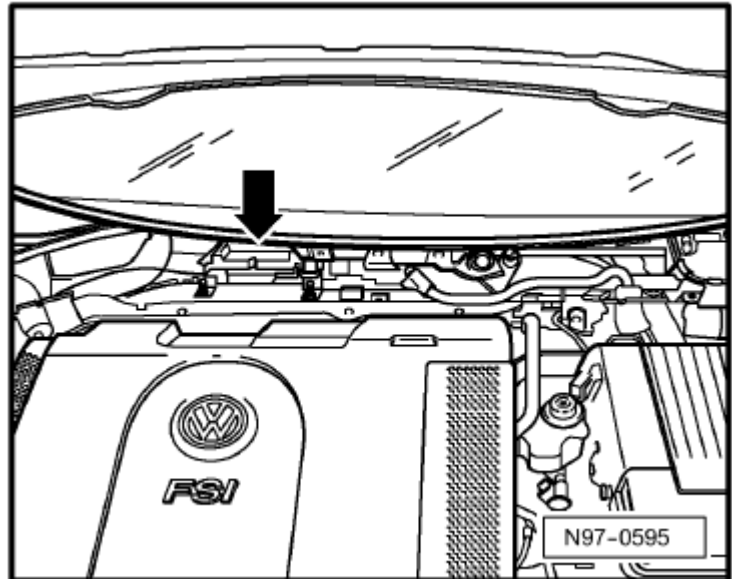
Component Locations

No. 803 / 49

Engine Control Module (ECM) - J623-

Component Location:

Below the plenum chamber cover -Arrow-



Golf

Component Locations

No. 803 / 50

154-pin, Pin Arrangements:

A - Engine Control Module (ECM)
-J623-

Connector:

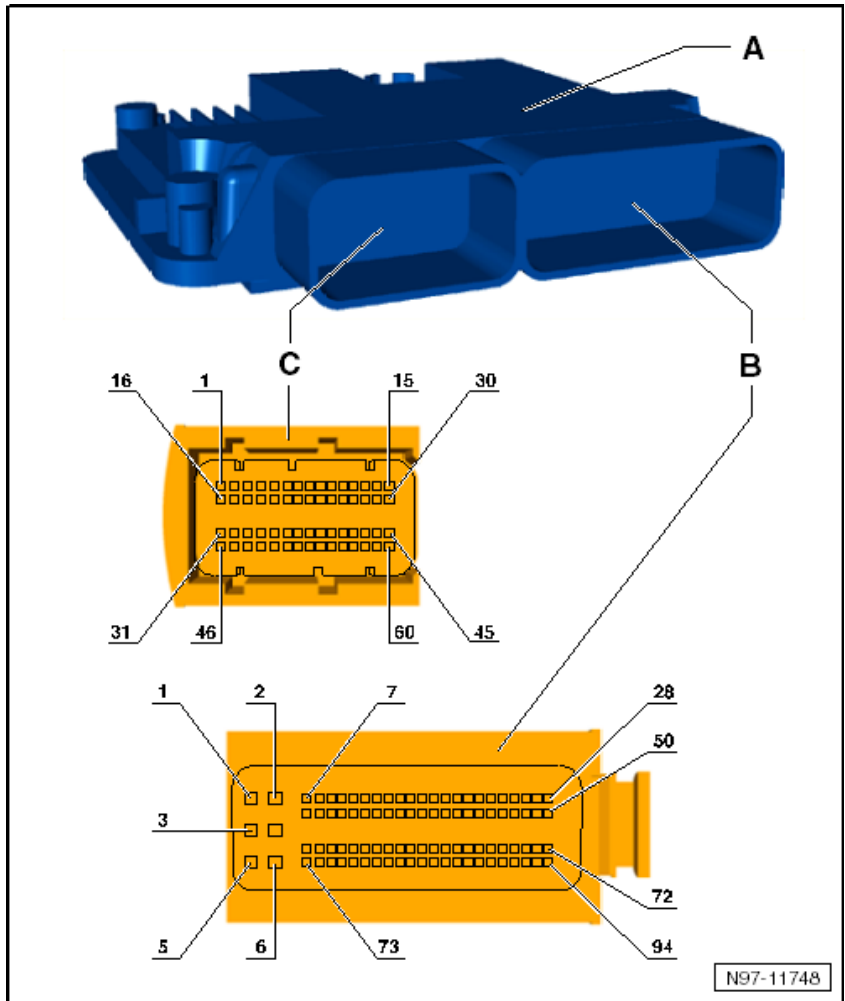
B - 94-pin connector -T94-

C - 60-pin connector -T60-



Note:

-T154- consists of items B and C



Golf

Component Locations

No. 803 / 51

Natural gas operation control module -J659- (Through November 2010)

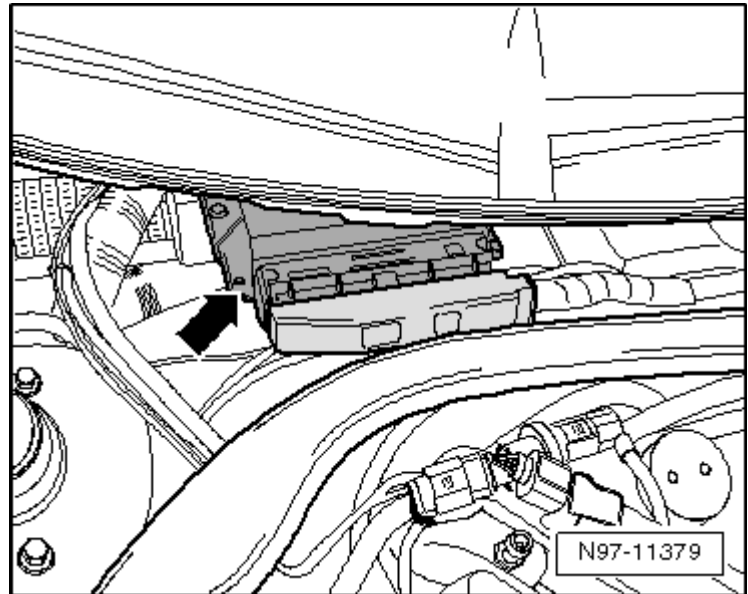
Component Location:

Below the plenum chamber cover -Arrow-



Note:

Only engine code CGGA



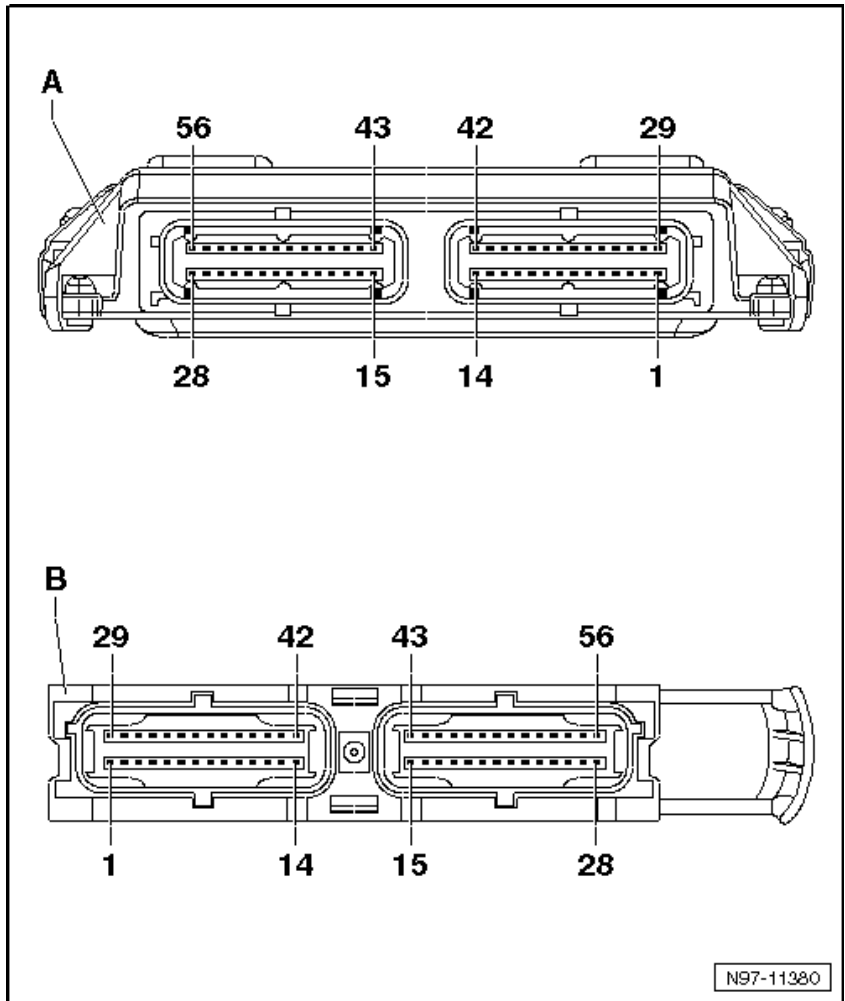
Golf

Component Locations

No. 803 / 52

Pin Arrangements

- A - Natural gas operation control module -J659-
- B - 56-Pin Connector -T56-, on wiring harness



Golf

Component Locations

No. 803 / 53

Installed location for the Golf Blue-E-Motion

Engine code (German abbreviation EAAA)



Danger!

High voltage may be deadly!



Note:

Read the information before beginning work on the high voltage system (HV) → Rep.-Gr. 93

Installed location/Pin Arrangements:

Component Location Electro-drive drive motor -V141- → [Chapter](#)

Component Location A/C compressor control module -J842- → [Chapter](#)

Component Location Electrical A/C compressor -V470- → [Chapter](#)

Pin Arrangements A/C compressor control module -J842- → [Chapter](#)

Component Location Electric drive power and control electronics - JX1- → [Chapter](#)

Pin Arrangements Electric drive power and control electronics -JX1- → [Chapter](#)

Component Location High voltage heating system (PTC) -Z115- → [Chapter](#)

Pin Arrangements High voltage heating system (PTC) -Z115- → [Chapter](#)

Component Location Brake booster vacuum pump -V469- → [Chapter](#)

Pin Arrangements Brake booster vacuum pump -V469- → [Chapter](#)

Component Location Charger 1 for high-voltage battery -AX4- → [Chapter](#)

Component Location Charger 2 for high-voltage battery -AX5- → [Chapter](#)

Component Location Charger 3 for high-voltage battery -AX6- → [Chapter](#)

Component Location Exterior speaker -R68- / Exterior speaker 2 - R69- → [Chapter](#)

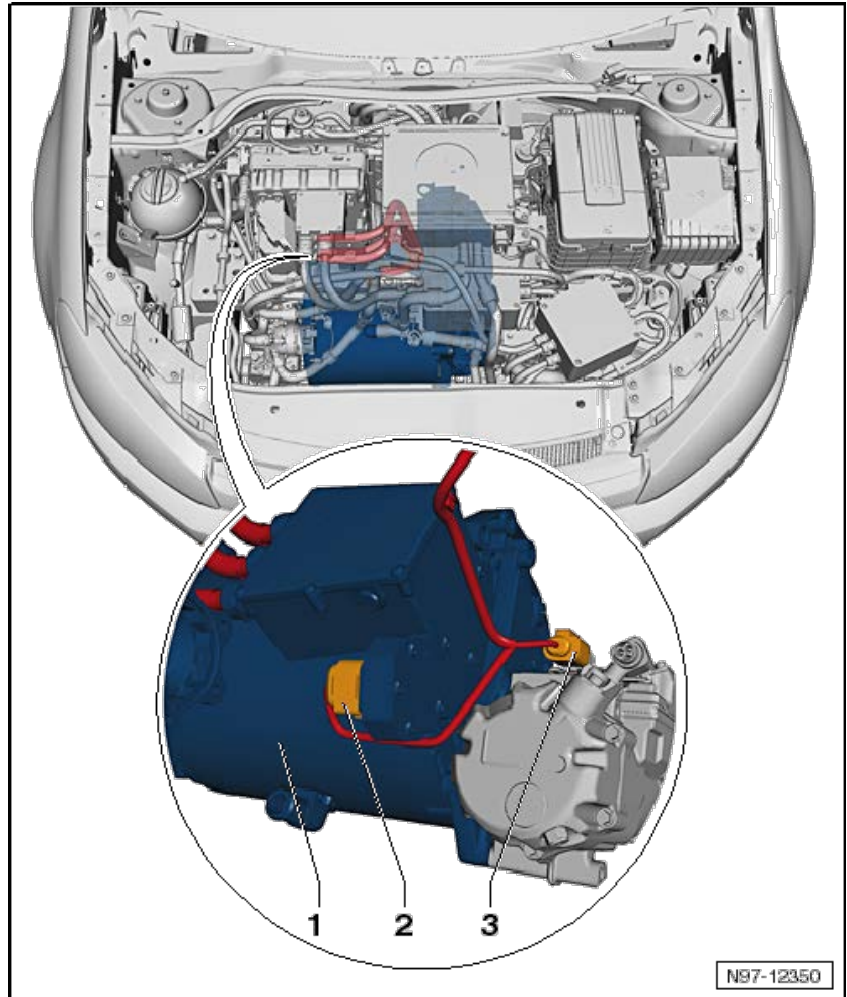
Pin Arrangements Exterior speaker -R68- → [Chapter](#)

Pin Arrangements Exterior speaker 2 -R69- → [Chapter](#)

Component Location Three-phase current drive -VX54- , Electro-drive drive motor -

V141-

- 1 - Electro-drive drive motor - V141-
- 2 - 14-pin connector -T14h-
- 3 - 8-pin connector -T8an- , (Electrical A/C compressor - V470-)



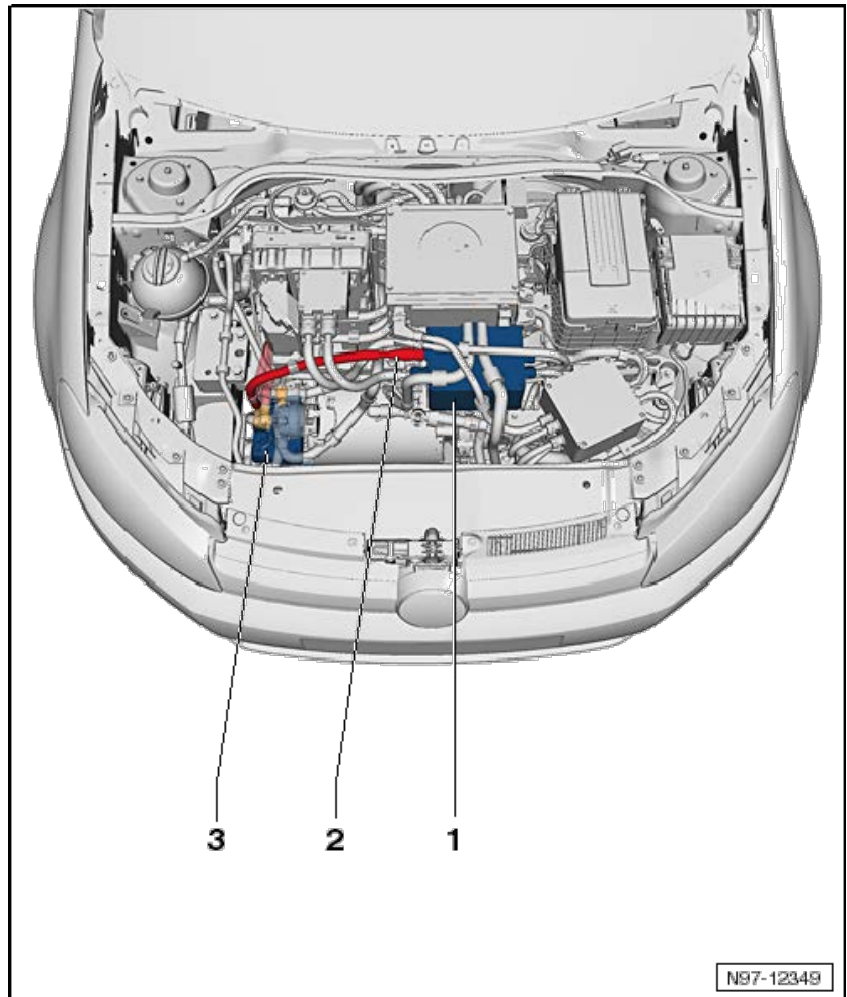
Golf

Component Locations

No. 803 / 54

Component Location A/C compressor control module -J842-

- 1 - Connection and junction box 1 -SX1-
- 2 - 5-pin connector -T5ah- ,
Electrical A/C compressor
high voltage cable -P3- ,
Sheathed line, orange
- 3 - A/C compressor control
module -J842-



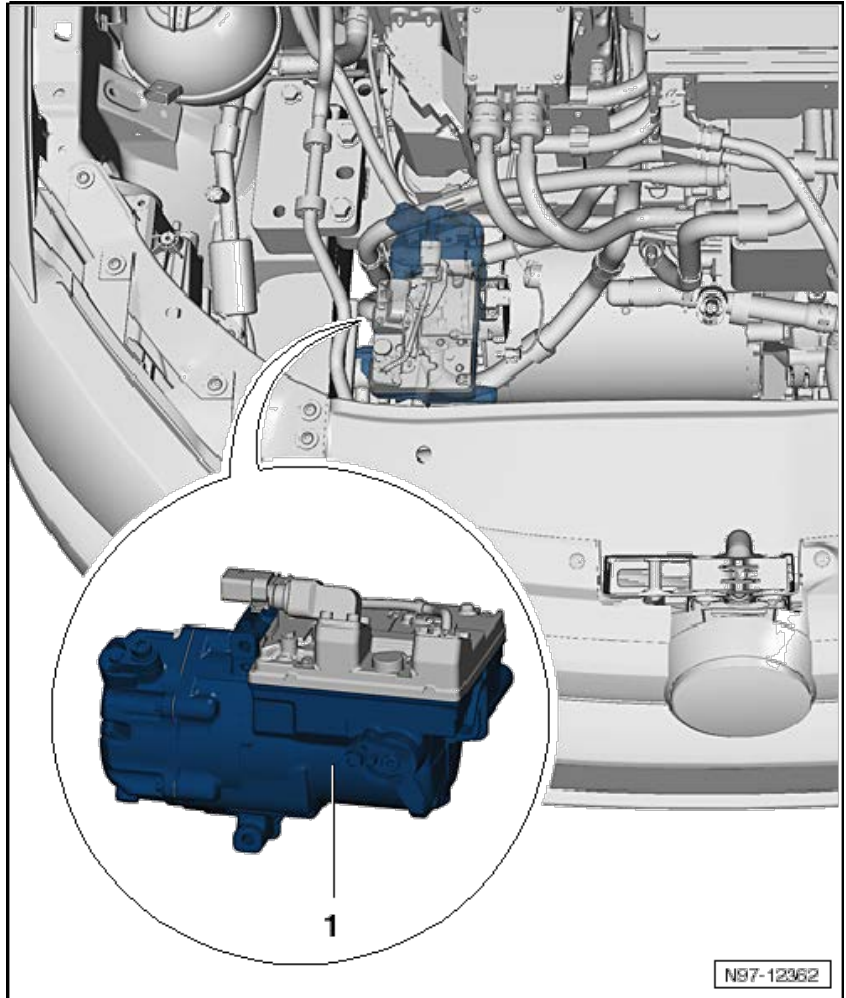
Golf

Component Locations

No. 803 / 55

Component Location Electrical A/C compressor -V470-

- 1 - Electrical A/C compressor - V470-



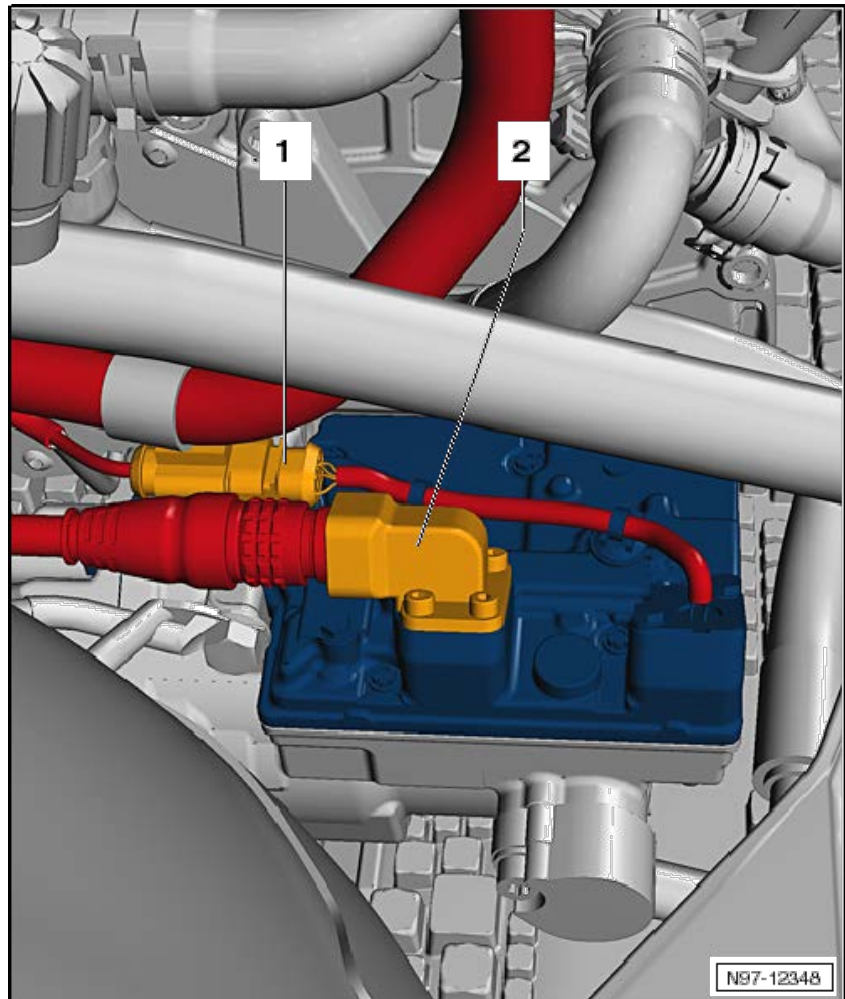
Golf

Component Locations

No. 803 / 56

Pin Arrangements A/C compressor control module -J842-

- 1 - 8-pin connector -T8an-
- 2 - A/C compressor control module -J842- / 5-pin connector -T5ai- , Electrical A/C compressor high voltage cable -P3- , Sheathed line, orange



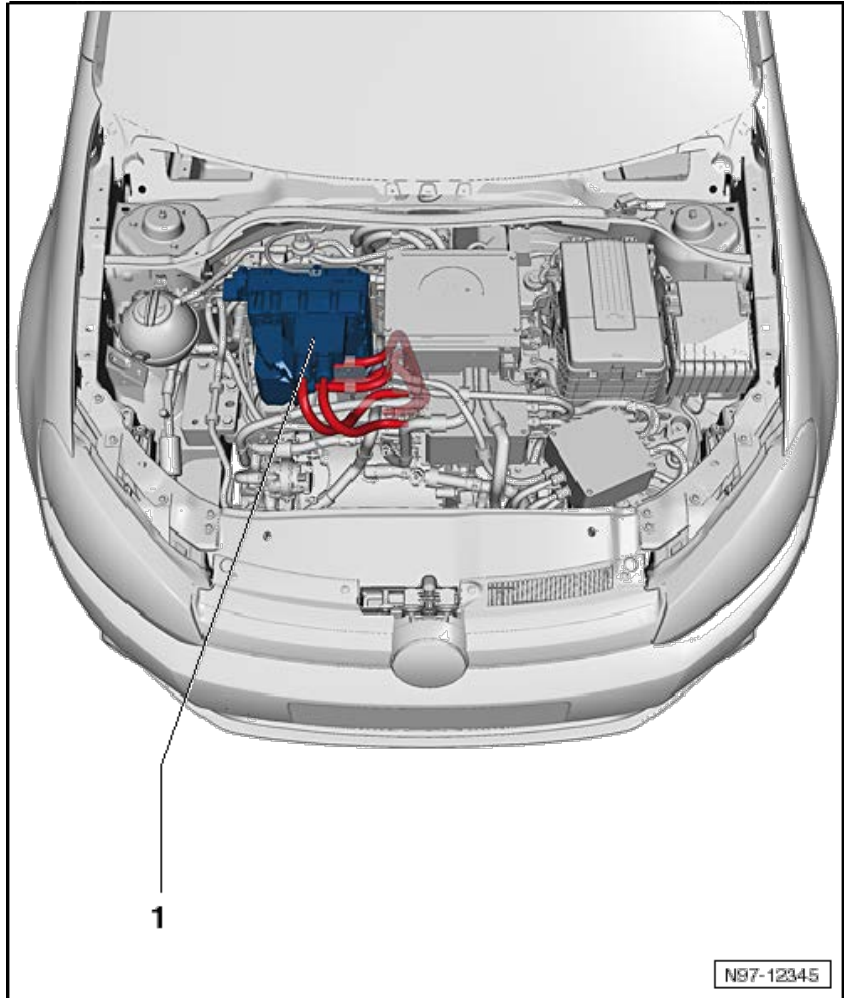
Golf

Component Locations

No. 803 / 57

Component Location Electric drive power and control electronics -JX1-

1 - High voltage charge network distributor -SX4-



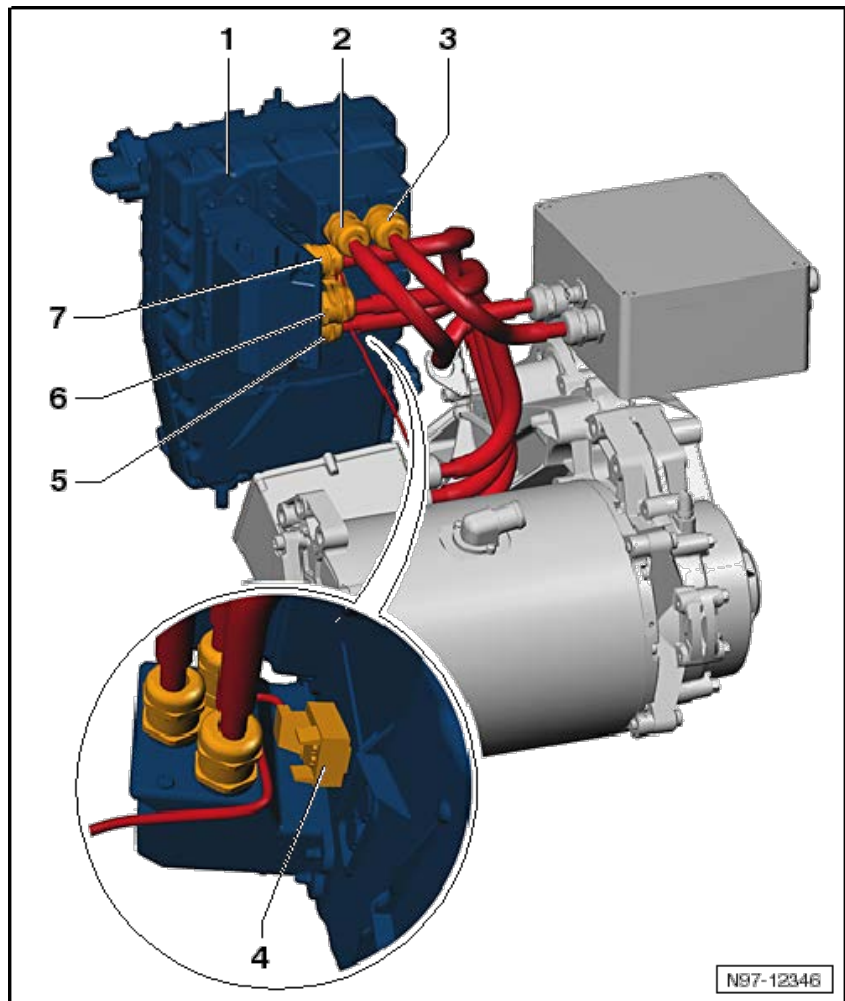
Golf

Component Locations

No. 803 / 58

Pin Arrangements Electric drive power and control electronics -JX1-

- 1 - Electric drive power and control electronics -JX1-
- 2 - High voltage cable for the power and control electronics, negative -P10-
- 3 - High voltage cable for the power and control electronics, positive -P9-
- 4 - 80-pin connector -T80a-
- 5 - Drive motor high voltage wiring harness -PX2- , Drive motor high voltage cable 1 - P4-
- 6 - Drive motor high voltage wiring harness -PX2- , Drive motor high voltage cable 2 - P5-
- 7 - Drive motor high voltage wiring harness -PX2- , Drive motor high voltage cable 3 - P6-



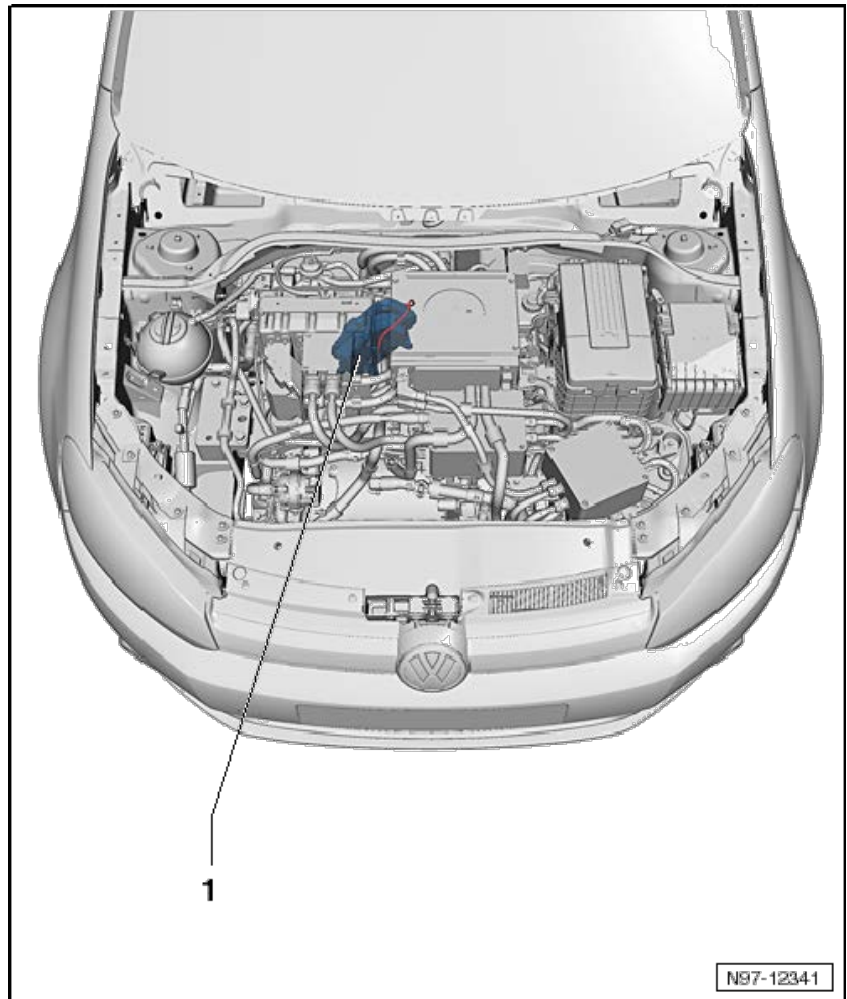
Golf

Component Locations

No. 803 / 59

High voltage heating system (PTC) -Z115-

- 1 - High voltage heating system (PTC) -Z115-



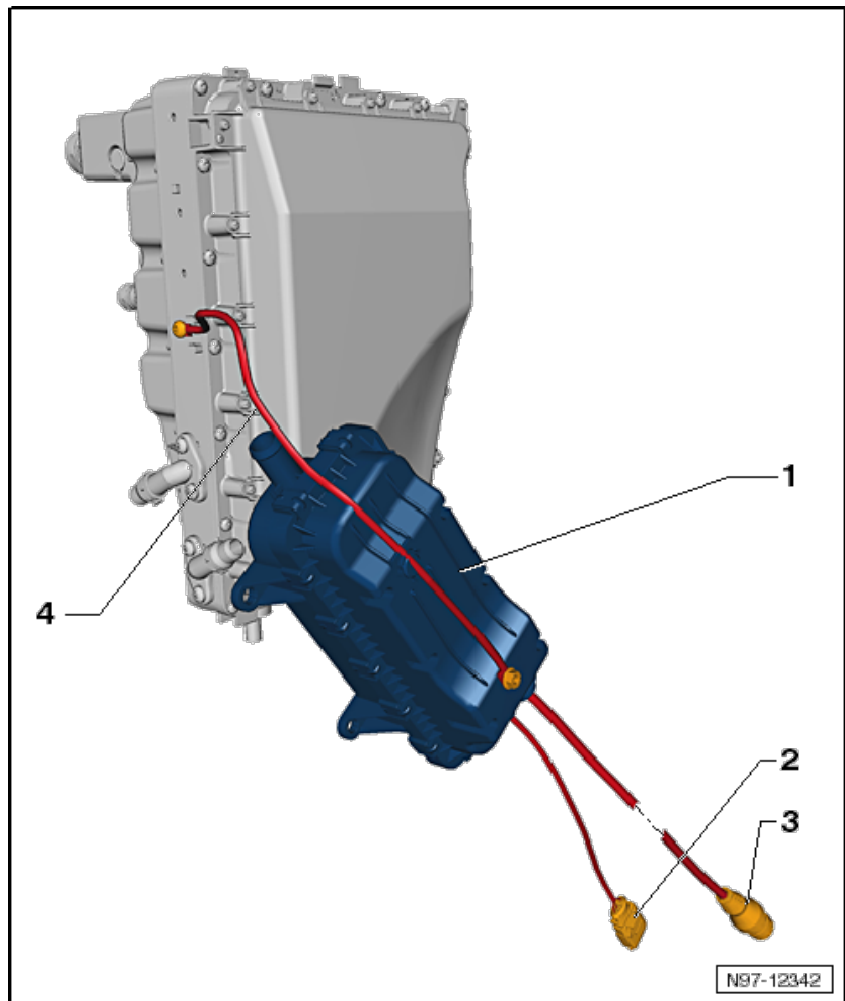
Golf

Component Locations

No. 803 / 60

Pin Arrangements High voltage heating system (PTC) -Z115-

- 1 - High voltage heating system (PTC) -Z115-
- 2 - 4-pin connector -T4cv-
- 3 - 5-pin connector -T5aj- , High voltage wire for high voltage heating system (PTC) -P11- , Sheathed line, orange



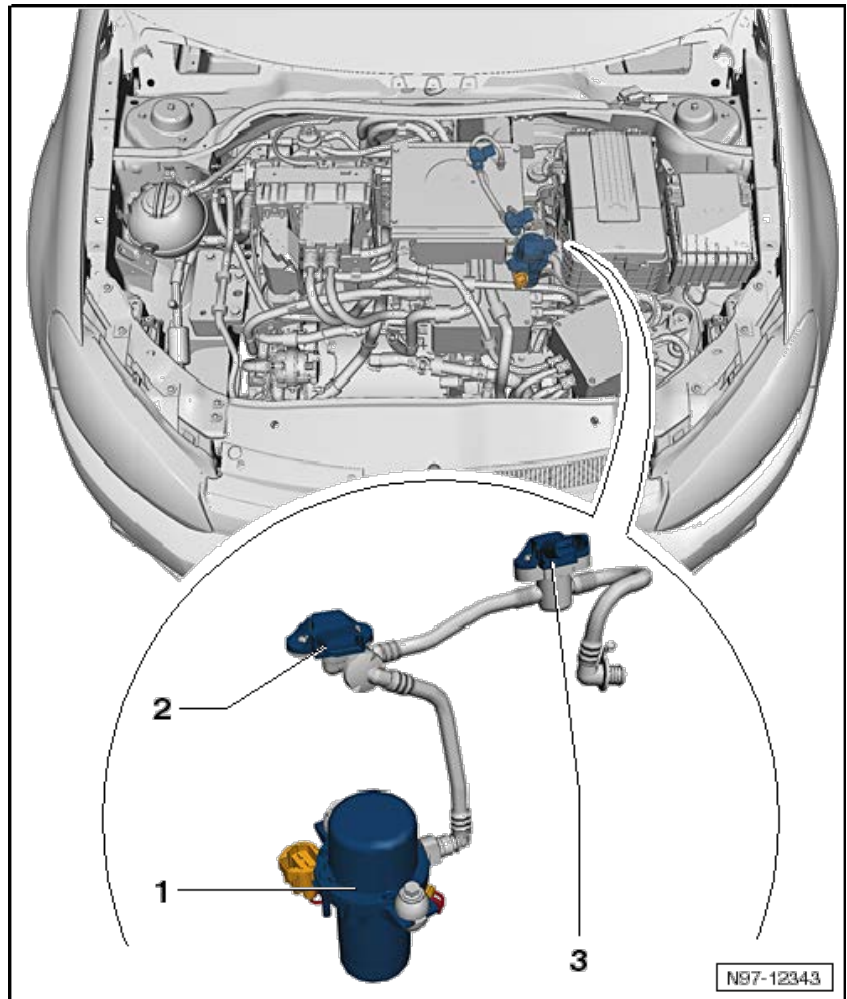
Golf

Component Locations

No. 803 / 61

Component Location Brake booster vacuum pump -V469-

- 1 - Brake booster vacuum pump - V469-
- 2 - Vacuum sensor -G608-
- 3 - Charge air pressure sensor - G31-



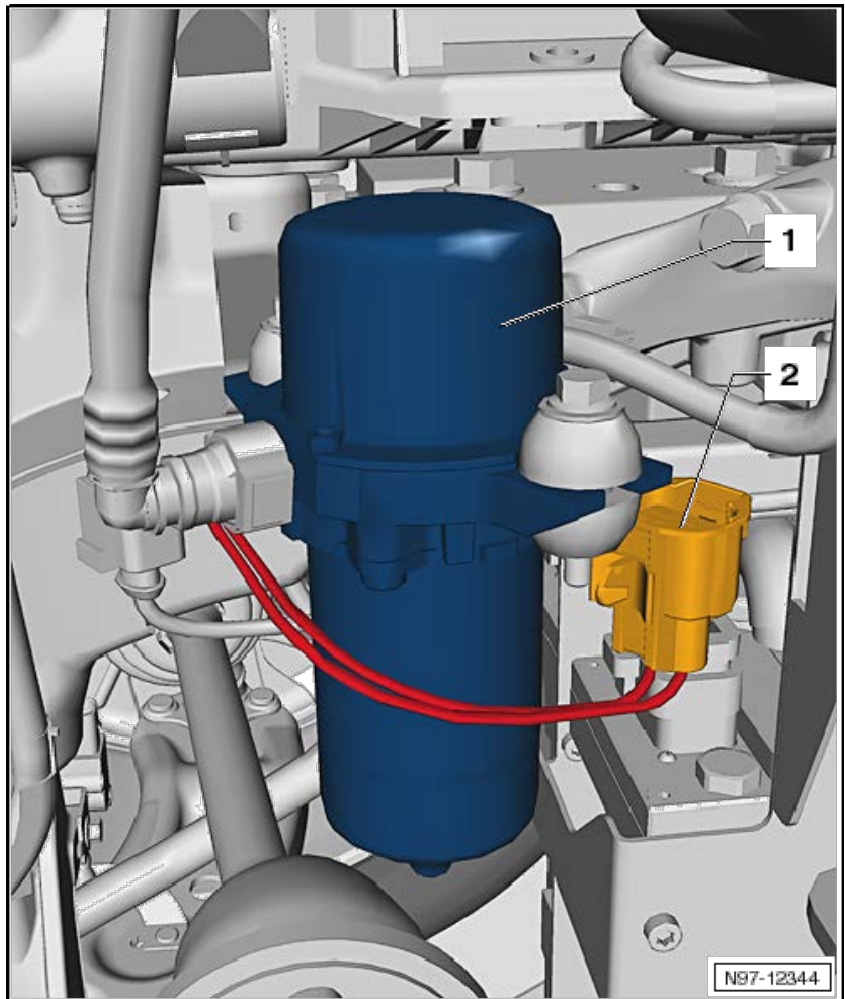
Golf

Component Locations

No. 803 / 62

Pin Arrangements Brake booster vacuum pump -V469-

- 1 - Brake booster vacuum pump - V469-
- 2 - 2-pin connector -T2cg-



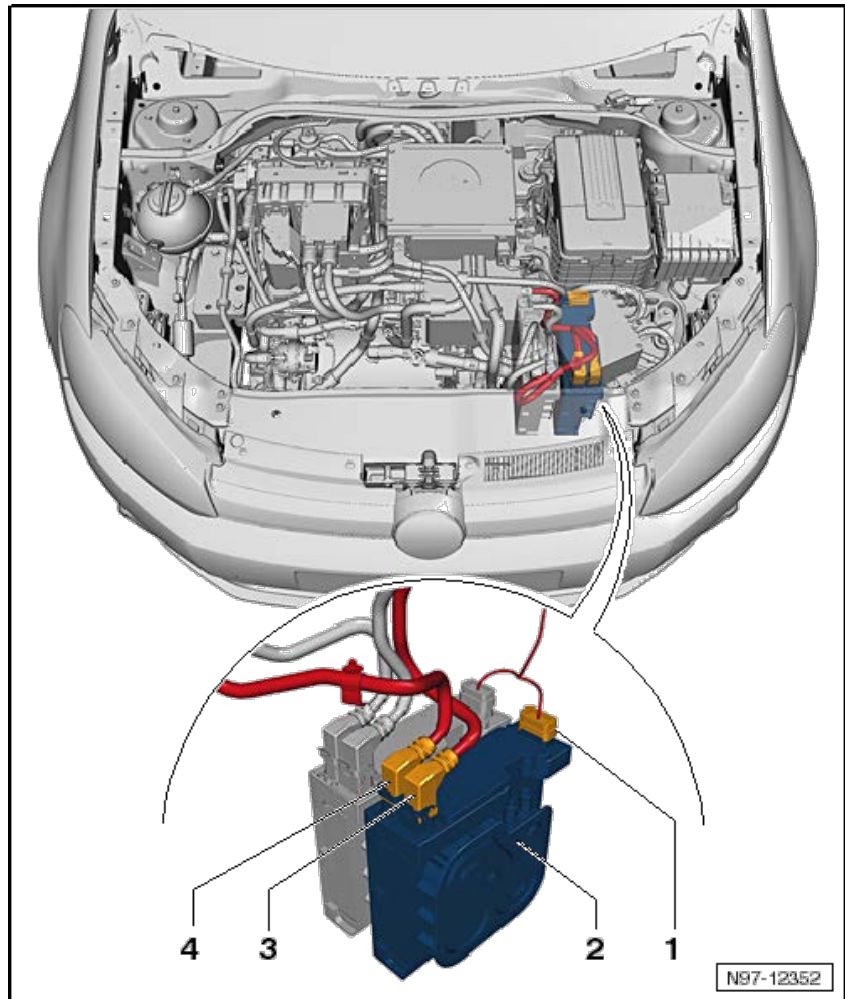
Golf

Component Locations

No. 803 / 63

Charger 1 for high-voltage battery -AX4-

- 1 - 23-Pin Connector -T23a-
- 2 - Charger 1 for high-voltage battery -AX4-
- 3 - 6-pin connector -T6bv- , High voltage wire for the battery charge network distributor - P15- , Sheathed line, orange
- 4 - 6-pin connector -T6bs- , High voltage wire for the battery charger 1/wire junction -P12- , Sheathed line, orange



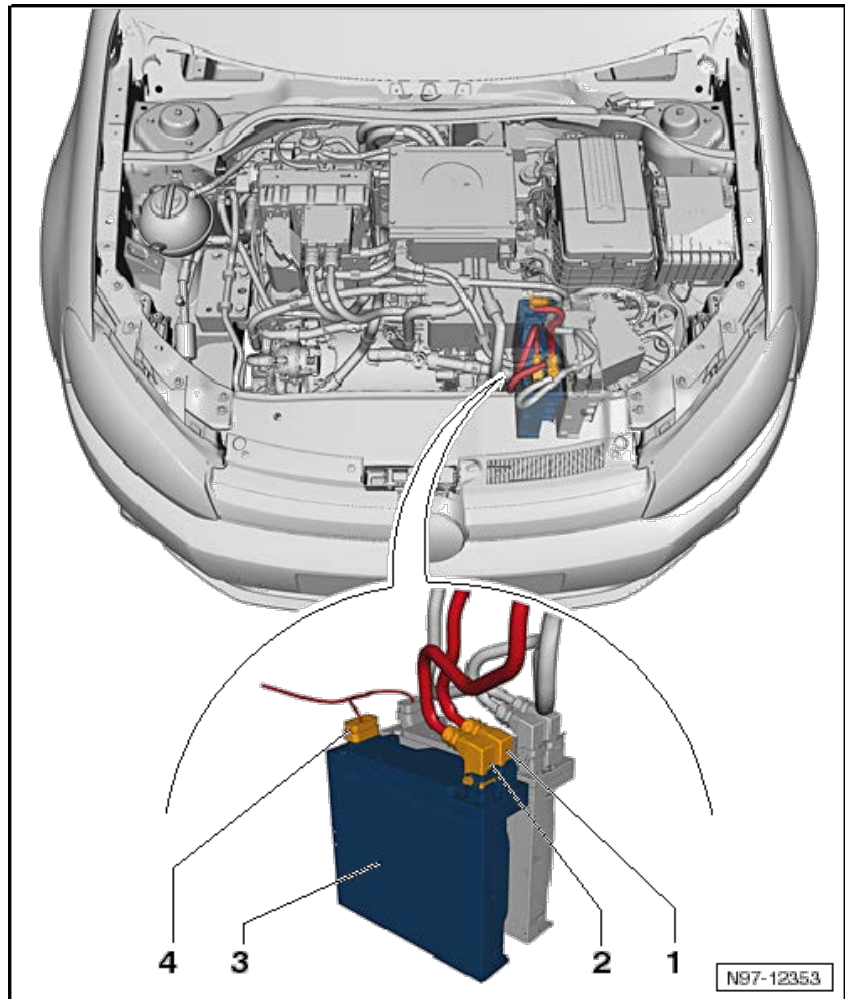
Golf

Component Locations

No. 803 / 64

Charger 2 for high-voltage battery -AX5-

- 1 - 6-pin connector -T6bw- , High voltage wire for the battery charger 2 / high voltage charge network distributor - P16- , Sheathed line, orange
- 2 - 6-pin connector -T6bt- , High voltage wire for the battery charger 2/wire junction -P13- , Sheathed line, orange
- 3 - Charger 2 for high-voltage battery -AX5-
- 4 - 23-Pin Connector -T23b-



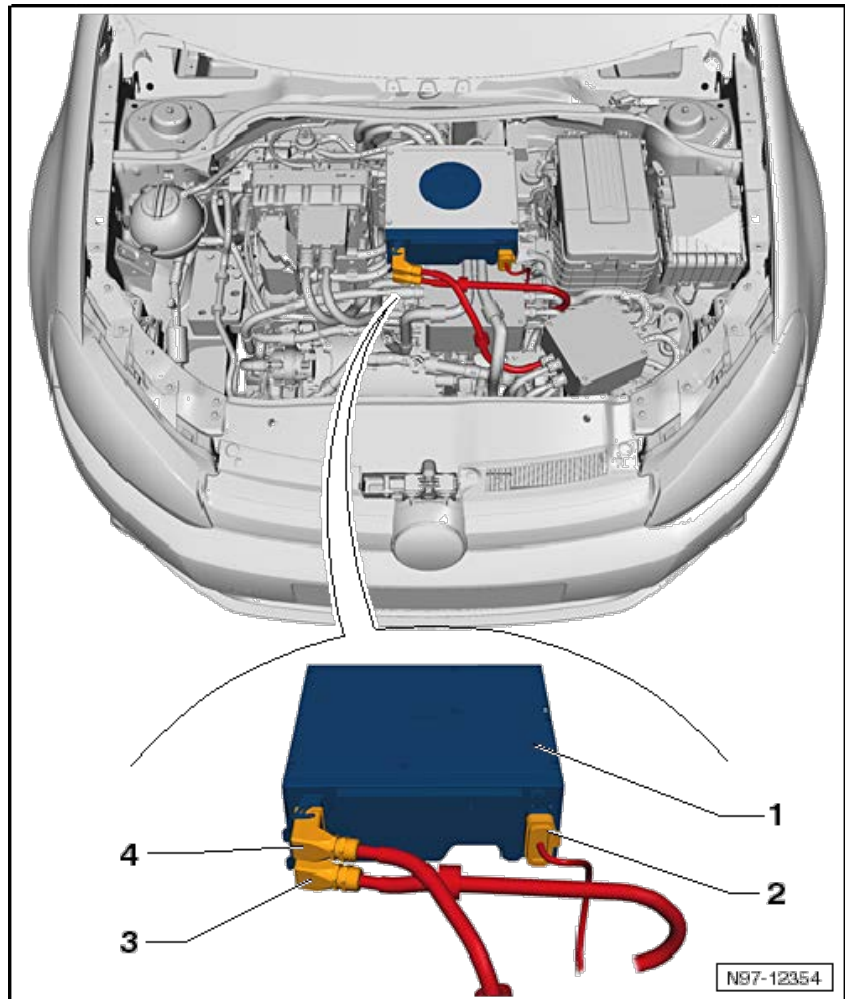
Golf

Component Locations

No. 803 / 65

Charger 3 for high-voltage battery -AX6-

- 1 - Charger 3 for high-voltage battery -AX6-
- 2 - 23-Pin Connector -T23c-
- 3 - 6-pin connector -T6bx- , High voltage wire for the battery charger 3 / high voltage charge network distributor - P17- , Sheathed line, orange
- 4 - 6-pin connector -T6bu- , High voltage wire for the battery charger 3/wire junction -P14- , Sheathed line, orange



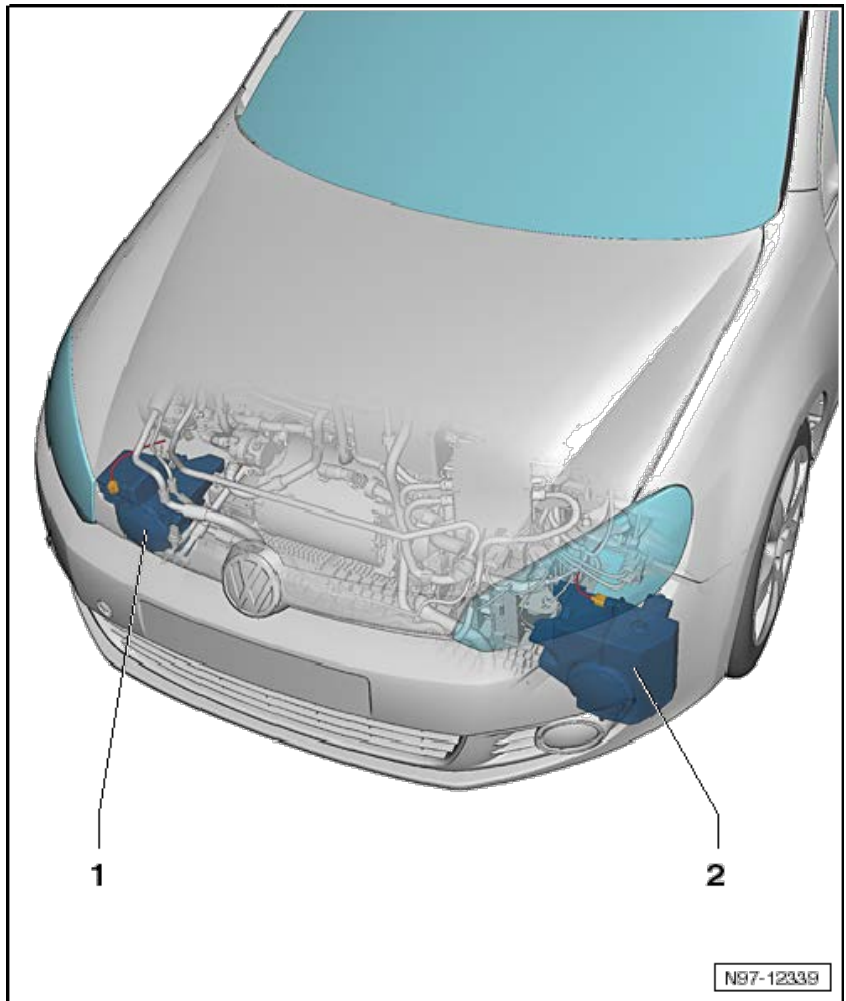
Golf

Component Locations

No. 803 / 66

Component Location Exterior speaker -R68- / Exterior speaker 2 -R69-

- 1 - Exterior speaker 2 -R69-
- 2 - Exterior speaker -R68-



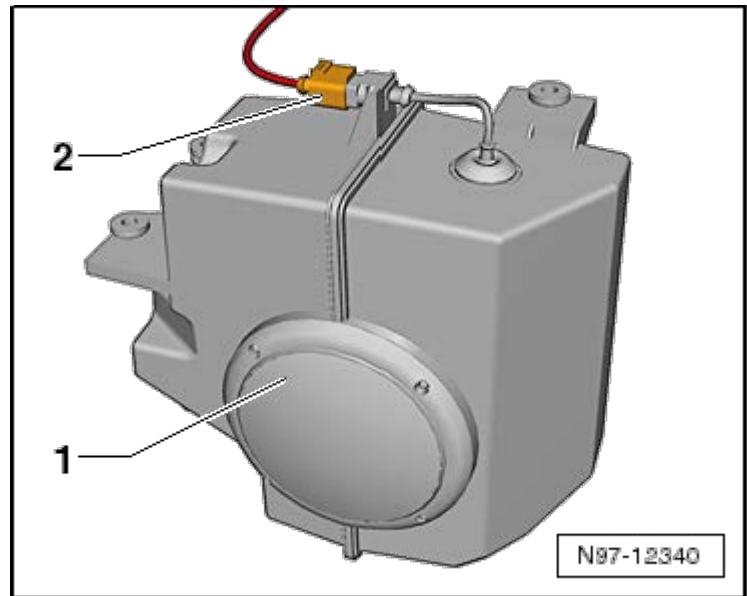
Golf

Component Locations

No. 803 / 67

Pin Arrangements Exterior speaker - R68-

- 1 - Exterior speaker -R68-
- 2 - 2-pin connector -T2-



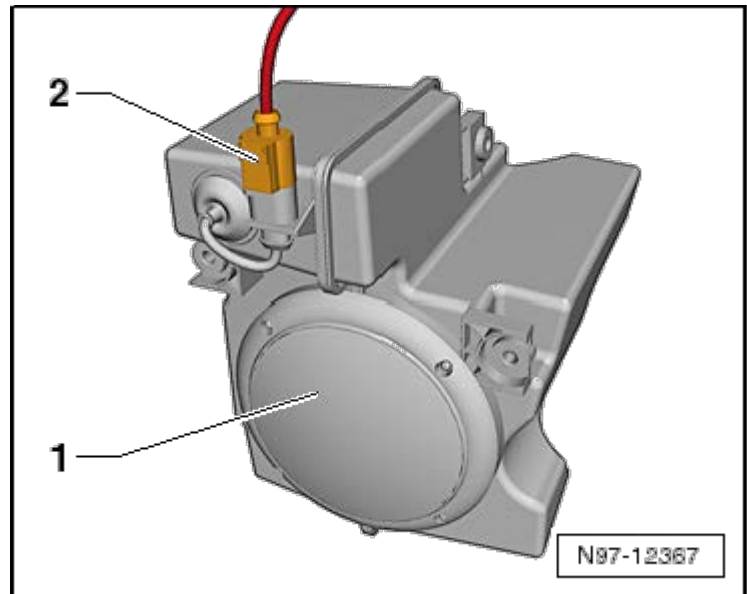
Golf

Component Locations

No. 803 / 68

Pin Arrangements Exterior speaker 2 - R69-

- 1 - Exterior speaker 2 -R69-
- 2 - 2-pin connector -T2-



Golf

Component Locations

No. 804 / 1

Edition 01.2012

Control modules in rear part of vehicle

Overview of Control Modules

1 - Front seat heating control module -J774-

- ❑ Component location
→ Chapter
- ❑ Special purpose vehicle control module -J608-
- ❑ Component location
→ Chapter
- ❑ Amplifier -R12-
- ❑ Component location
→ Chapter
- ❑ High voltage battery charging voltage control module -J966- (Golf blue-e-motion)
- ❑ Installed location / Pin Arrangements → Chapter
- ❑ Heating and air conditioning control module -J979- (Golf blue-e-motion)
- ❑ Installed location / Pin Arrangements → Chapter

2 - Antenna Selection Control Module -J515-

- ❑ Component location
→ Chapter

3 - TV-Tuner -R78-

- ❑ Component location
→ Chapter
- ❑ Digital satellite radio tuner -R190-

- ❑ Component Location, below front right seat

4 - Telephone transceiver -R36-

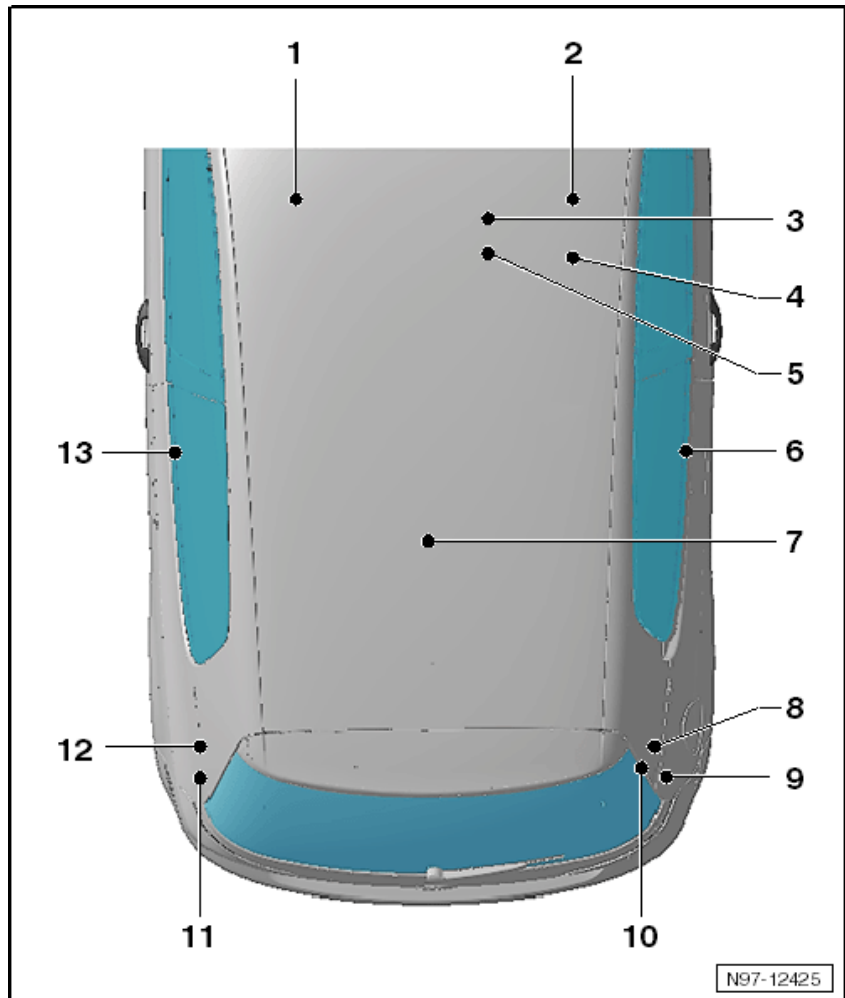
- ❑ Component location → Chapter
- ❑ Pin arrangement → Chapter
- ❑ Cell phone operating electronics control module -J412-
- ❑ Installation location from October 2006 → Chapter

5 - External multimedia device interface -R215-

- ❑ Component location → Chapter

6 - Right rear door control module -J389-

- ❑ Component location → Chapter
- ❑ Connector arrangement → Chapter

7 - Fuel pump control module -J538-

- Component location → [Chapter](#)

- Pin arrangement → [Chapter](#)

8 - Auxiliary engine coolant heater radio frequency receiver -R149-

- Component Location, in right rear side panel

9 - Electronic damping control module -J250-

- Component location → [Chapter](#)

10 - Structure borne sound control module -J869- (Golf blue-e-motion)

- Component location → [Chapter](#)

11 - Telematics control module -J499- (Golf blue-e-motion)

- Component location → [Chapter](#)

12 - Towing recognition control module -J345-

- Component location → [Chapter](#)

- Pin arrangement → [Chapter](#)

13 - Left rear door control module -J388-

- Component location → [Chapter](#)

- Pin arrangement → [Chapter](#)

Golf

Component Locations

No. 804 / 2

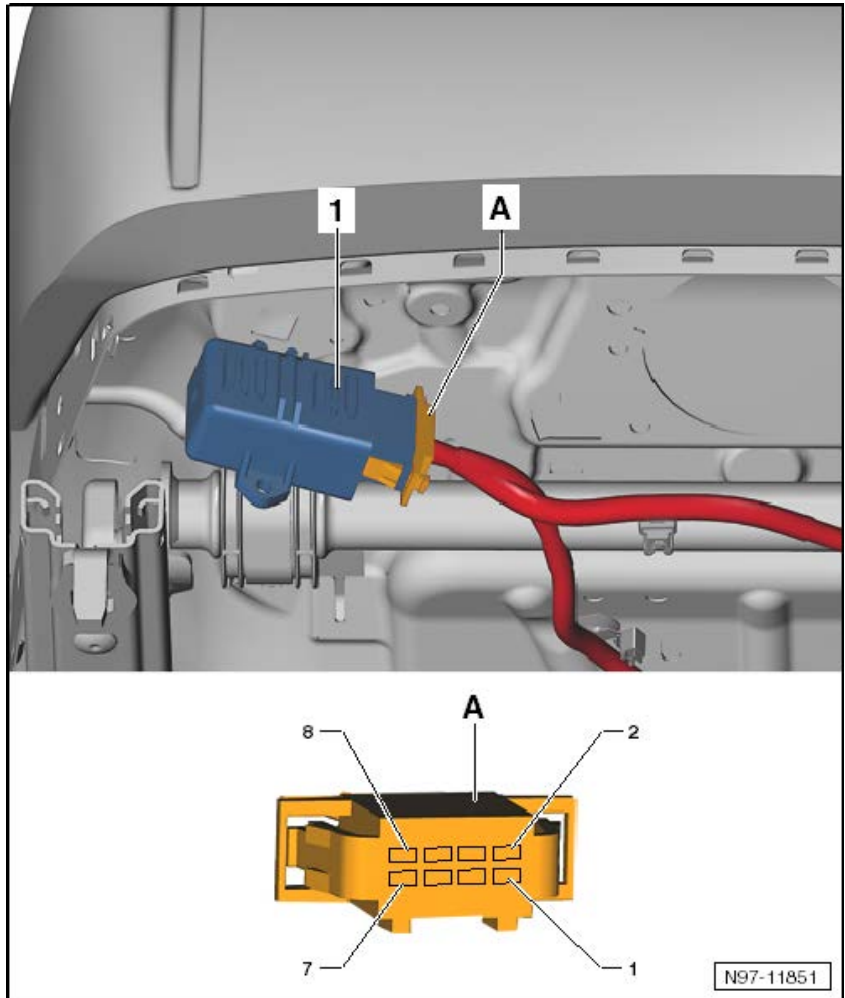
Front seat heating control module -J774-

1 - Front seat heating control module -J774-

in the driver seat pan

Connector:

- -A-8-Pin Connector -T8-



Golf

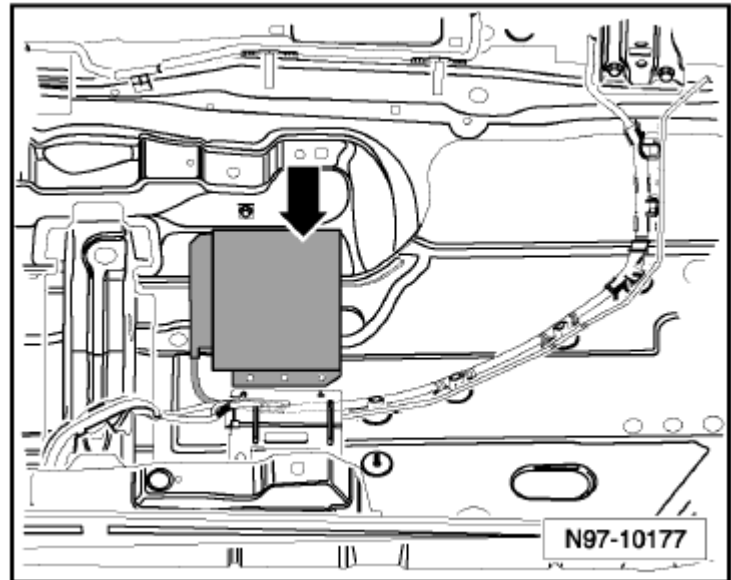
Component Locations

No. 804 / 3

Special purpose vehicle control module -J608-

Component Location:

Below front left seat -Arrow-



Golf

Component Locations

No. 804 / 4

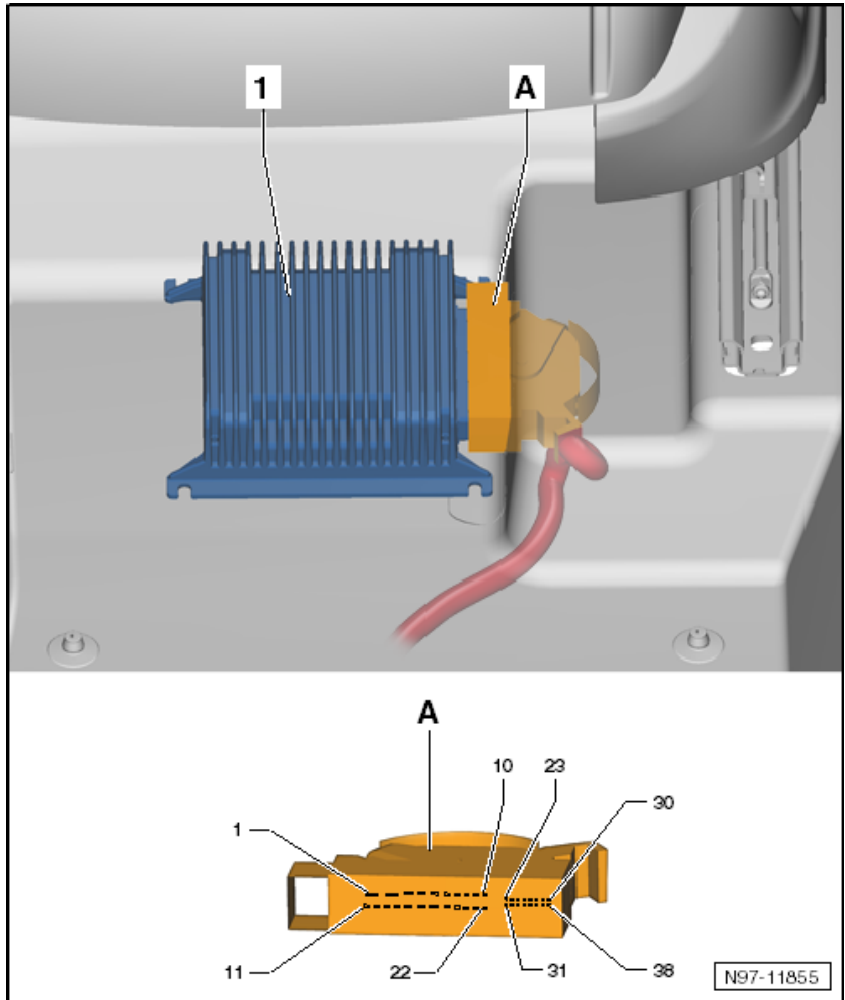
Amplifier -R12-

1 - Amplifier -R12-

under the driver seat

Connector:

- -A-38-Pin Connector -T38a-



Golf

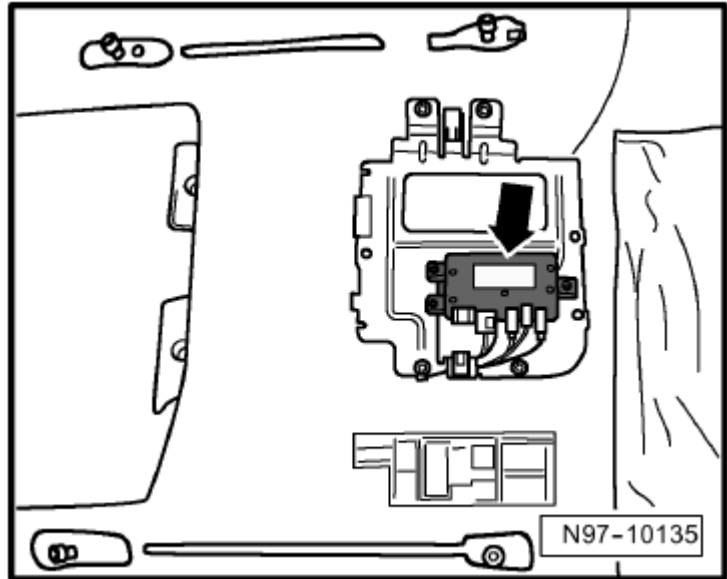
Component Locations

No. 804 / 5

Antenna Selection Control Module - J515-

Component Location:

Below front right seat -Arrow-



Golf

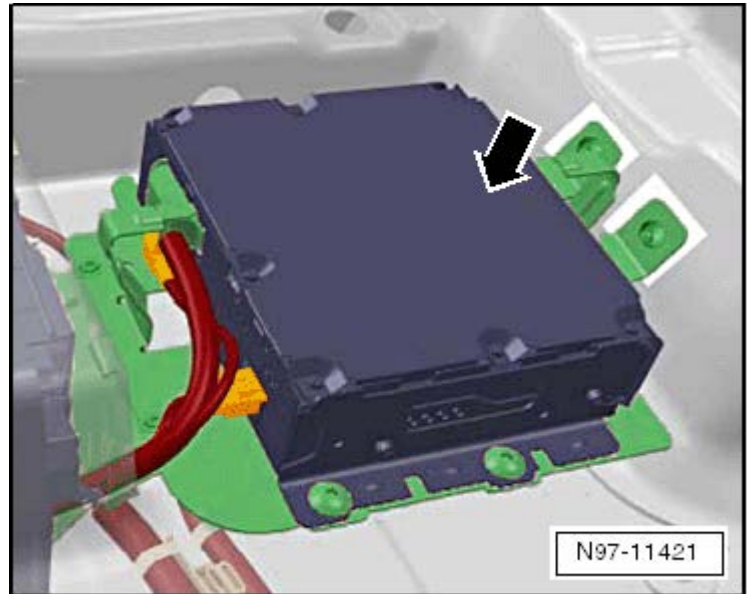
Component Locations

No. 804 / 6

TV tuner -R78-

Component Location:

Below front right seat -Arrow-



Golf

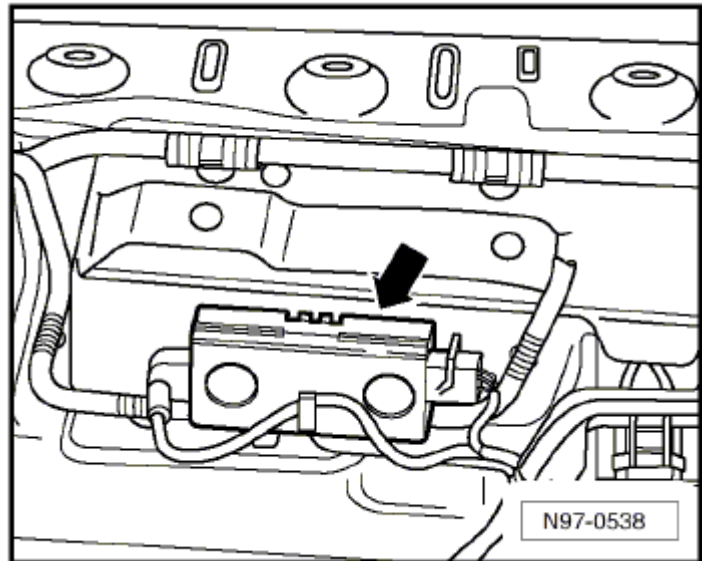
Component Locations

No. 804 / 7

Telephone transceiver -R36-

Component Location:

Below front right seat -Arrow-



Golf

Component Locations

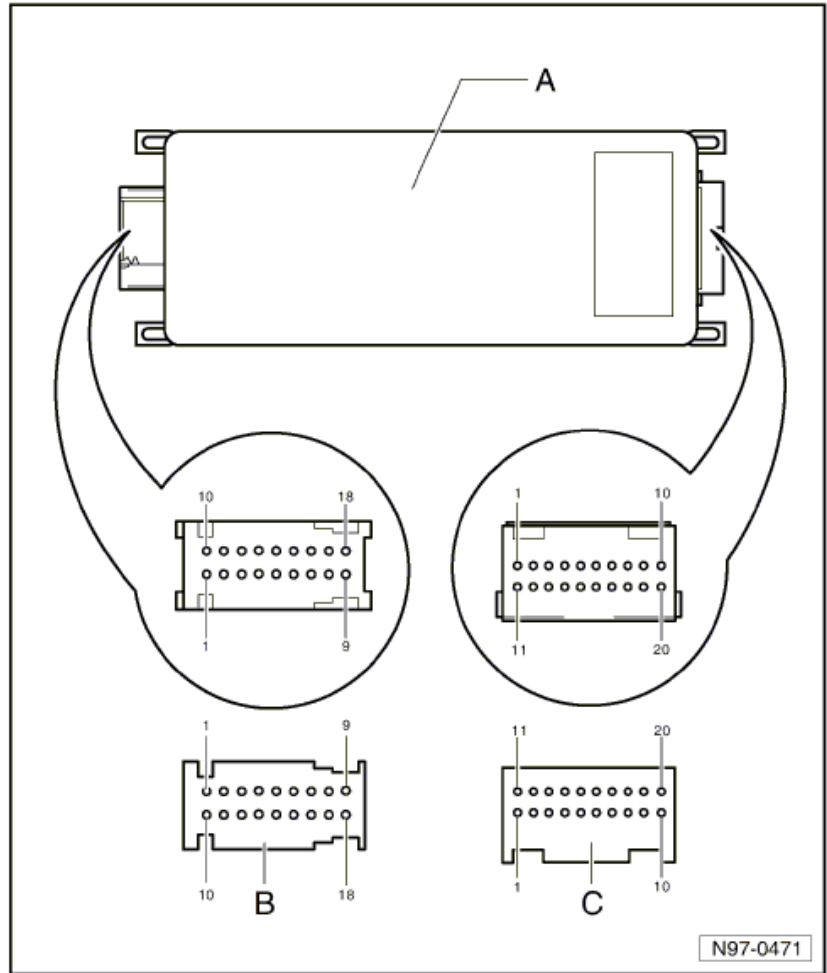
No. 804 / 8

Pin Arrangements:

A - Telephone transceiver -R36-

Connector:

B - 18-pin connector -T18b-



Golf

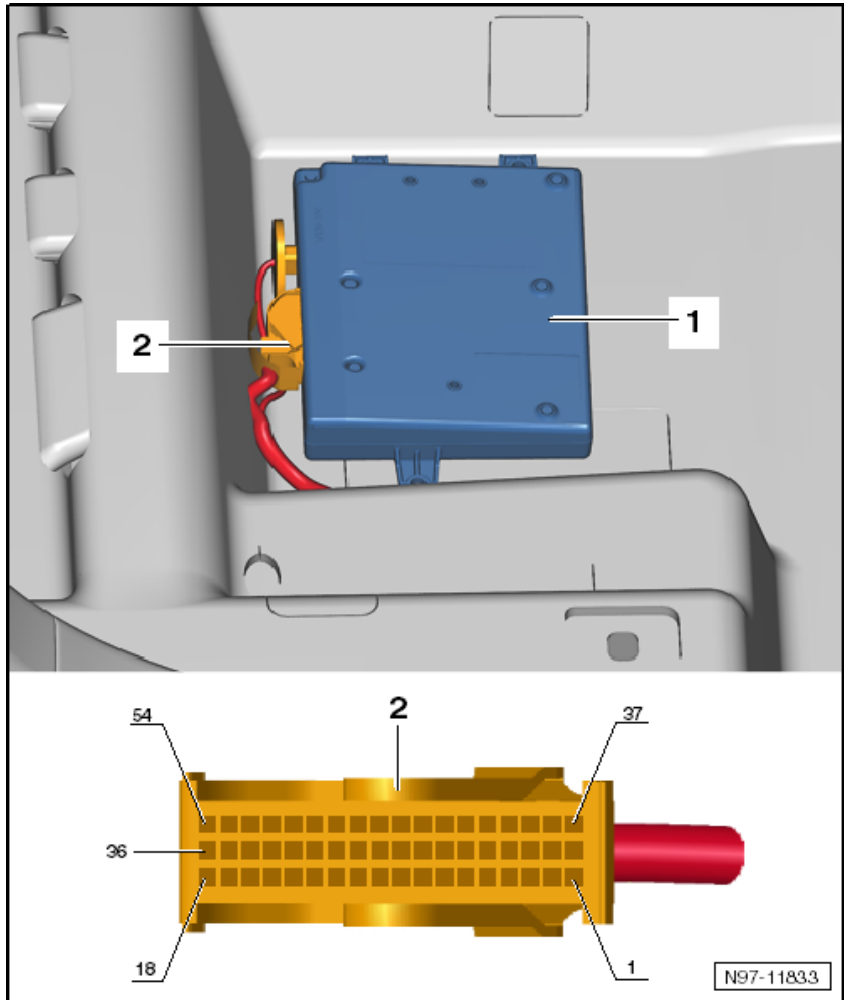
Component Locations

No. 804 / 9

Cell phone operating electronics control module -J412-

- 1 - Cell phone operating electronics control module - J412-
under the front passenger seat

- Connector:
2 - 54-Pin Connector -T54-



Golf

Component Locations

No. 804 / 10

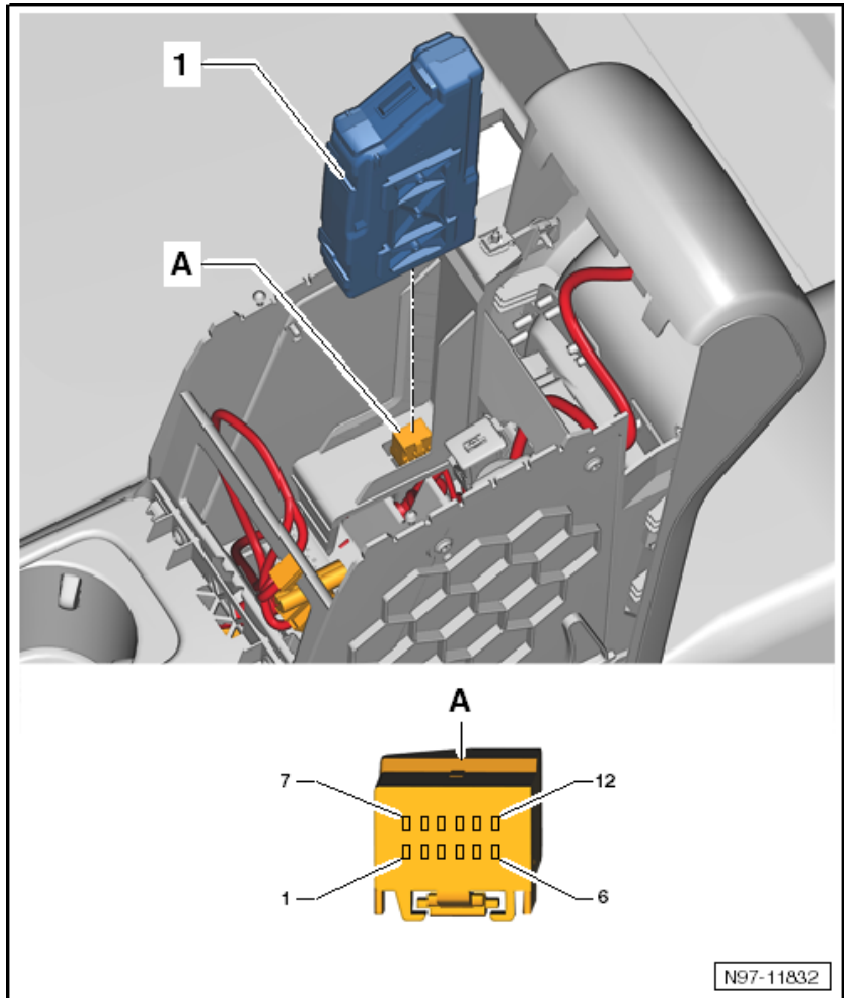
External multimedia device interface -R215-

1 - External multimedia device interface -R215-

near the front armrest

Connector:

- -A-12-Pin Connector -T12v-



Golf

Component Locations

No. 804 / 11

Right rear door control module - J389-

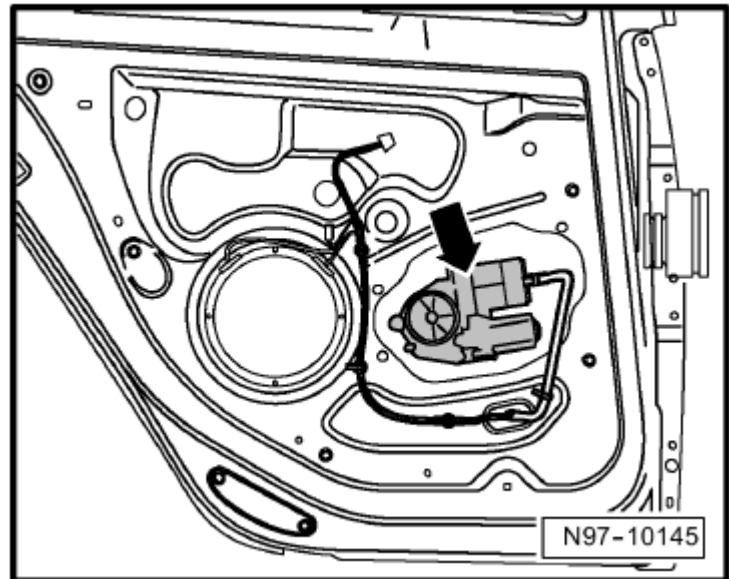
Component Location:

On rear right door inner part -Arrow-



Note

Illustration depicts left side. Follow same procedure for right side.



Golf

Component Locations

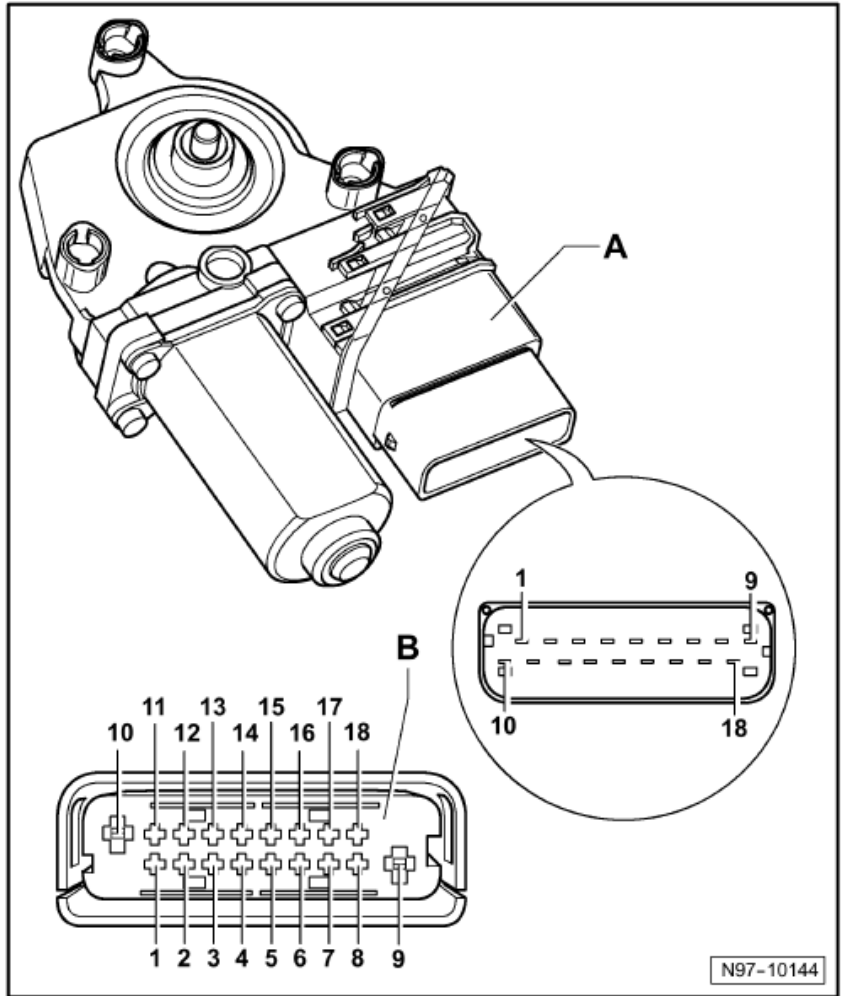
No. 804 / 12

Pin Arrangements:

A - Right rear door control module -J389-

Connector:

B - 18-Pin Connector -T18d- on the wiring harness



Golf

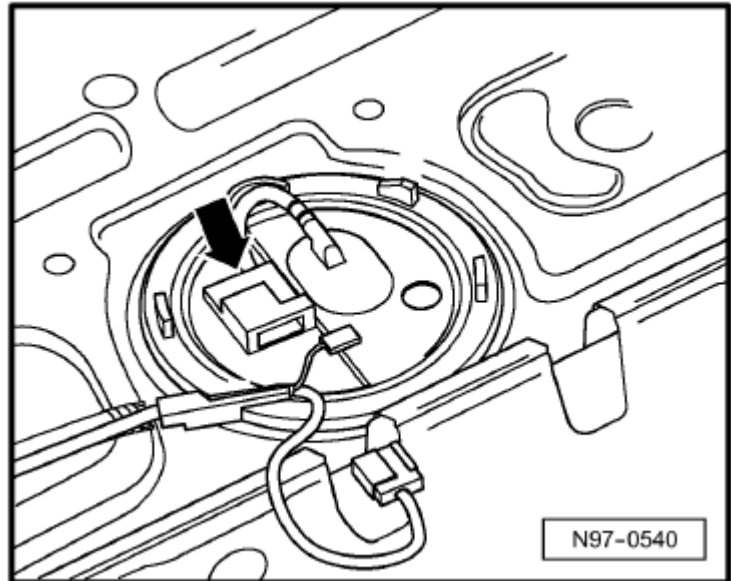
Component Locations

No. 804 / 13

Fuel pump control module -J538-

Component Location:

Below rear seat, right, on fuel delivery unit -Arrow-



Golf

Component Locations

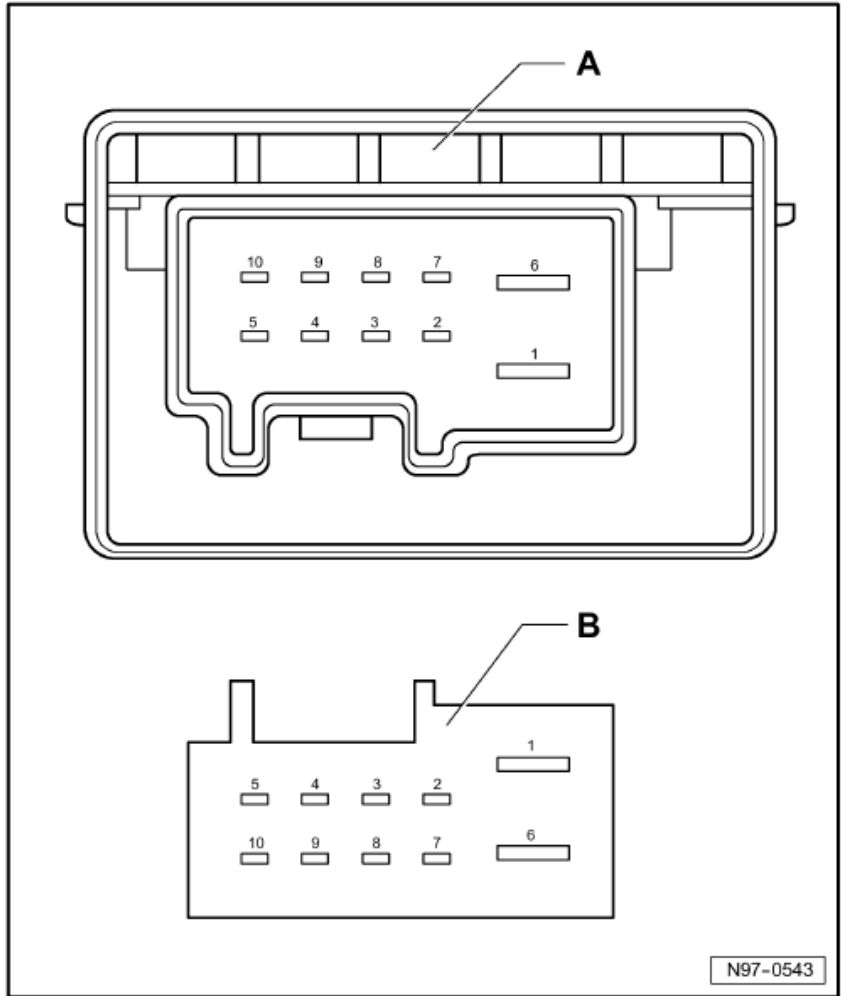
No. 804 / 14

Pin Arrangements:

A - Fuel pump control module - J538-

Connector:

B - 10-pin connector -T10n- on wiring harness



Golf

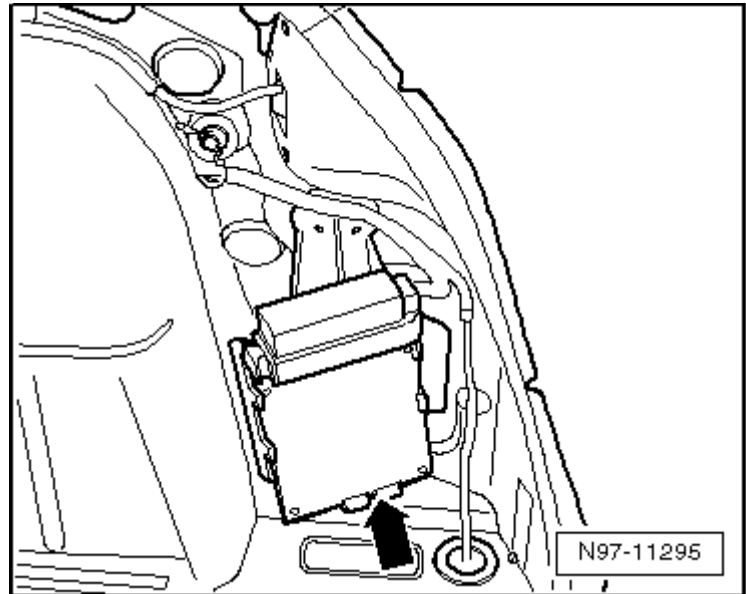
Component Locations

No. 804 / 15

Electronic damping control module -J250-

Component Location:

In rear right side panel -Arrow-



Golf

Component Locations

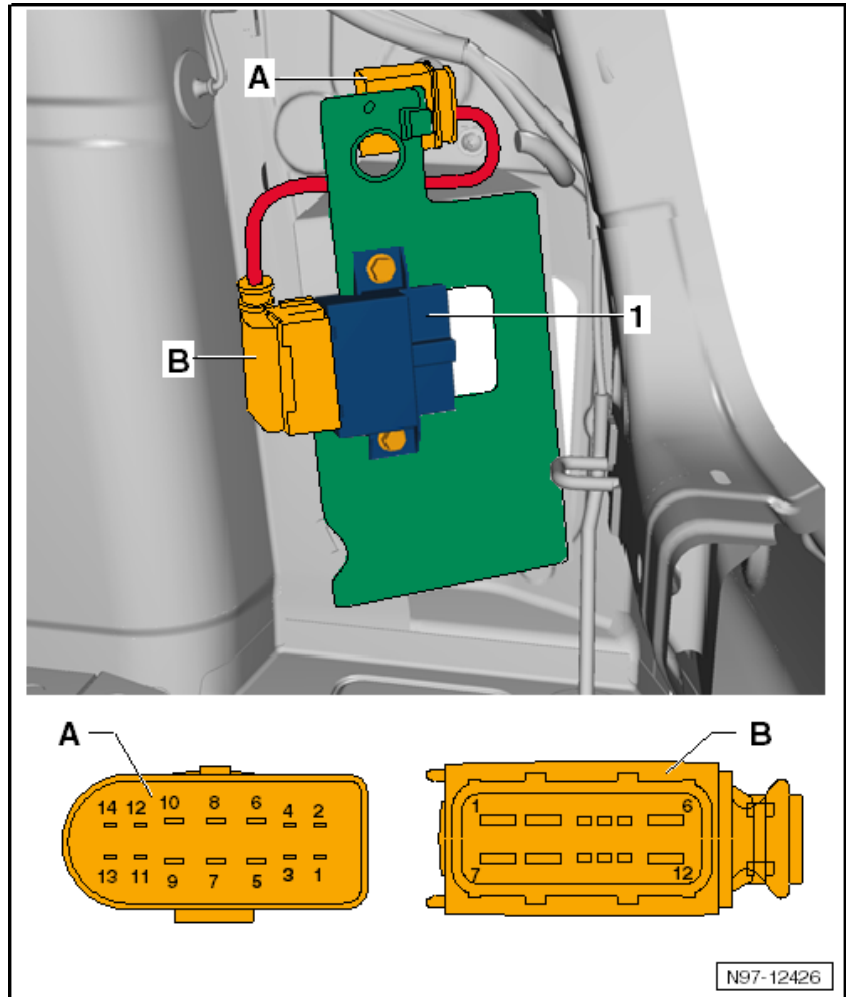
No. 804 / 16

Structure borne sound control module -J869-

Golf blue-e-motion

1 - Structure borne sound control module -J869-**In the rear right side panel****Connector:**

- -A-14-pin connector -T14o-
- -B-12-Pin Connector -T12-



N97-12426

Golf

Component Locations

No. 804 / 17

Telematics control module -J499-

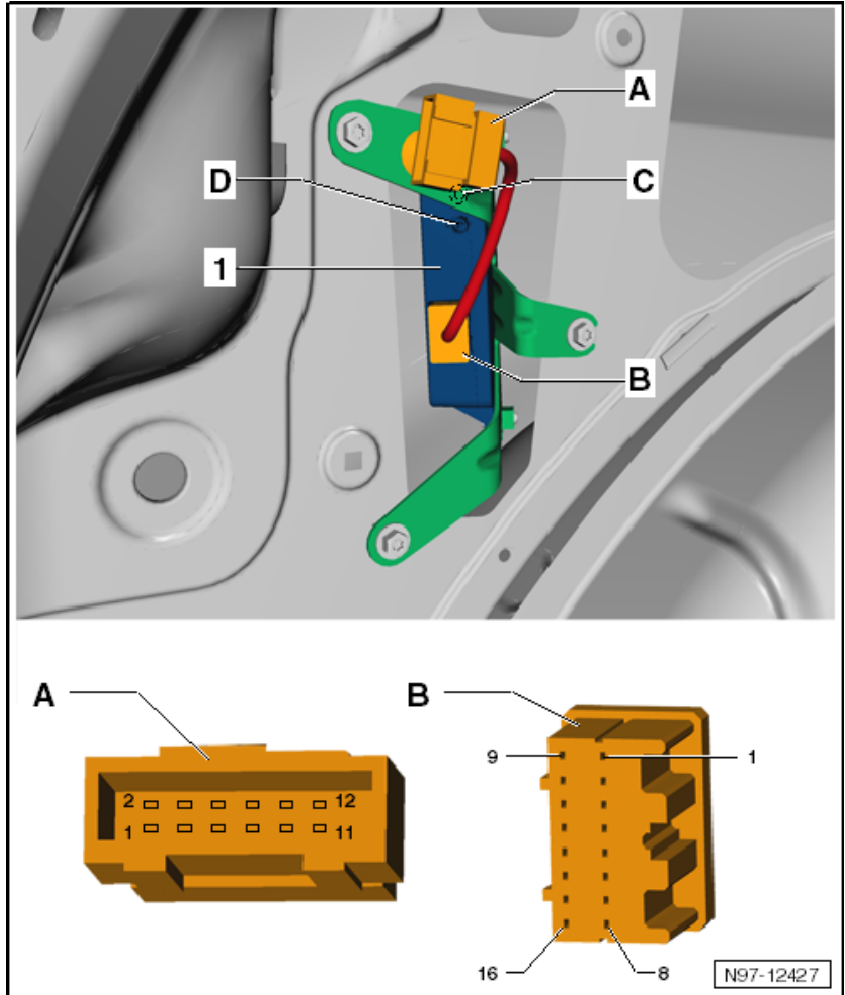
Golf blue-e-motion

1 - Telematics control module - J499-

In the rear left side panel

Connector:

- -A-12-pin connector -T12af-
- -B-16-pin connector -T16v-
- -C-Telephone antenna -R65-
- -D-Navigation System Antenna -R50-



Golf

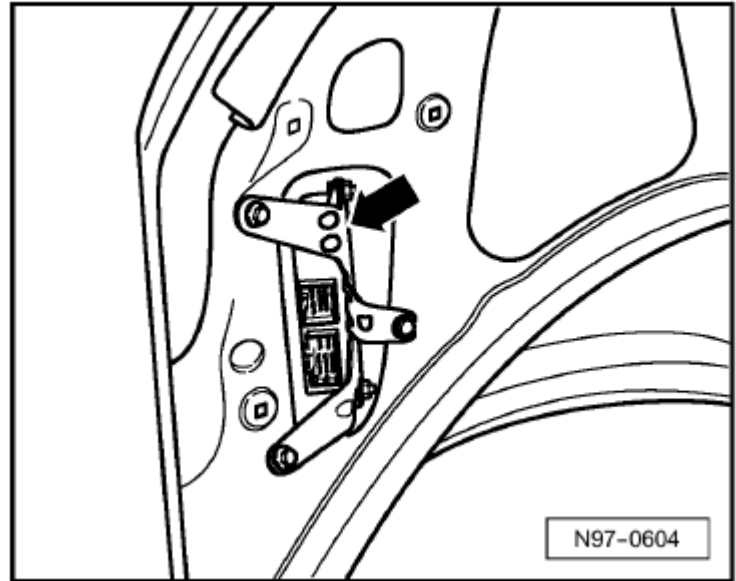
Component Locations

No. 804 / 18

Towing recognition control module -J345-

Component Location:

In rear left side panel -Arrow-



Golf

Component Locations

No. 804 / 19

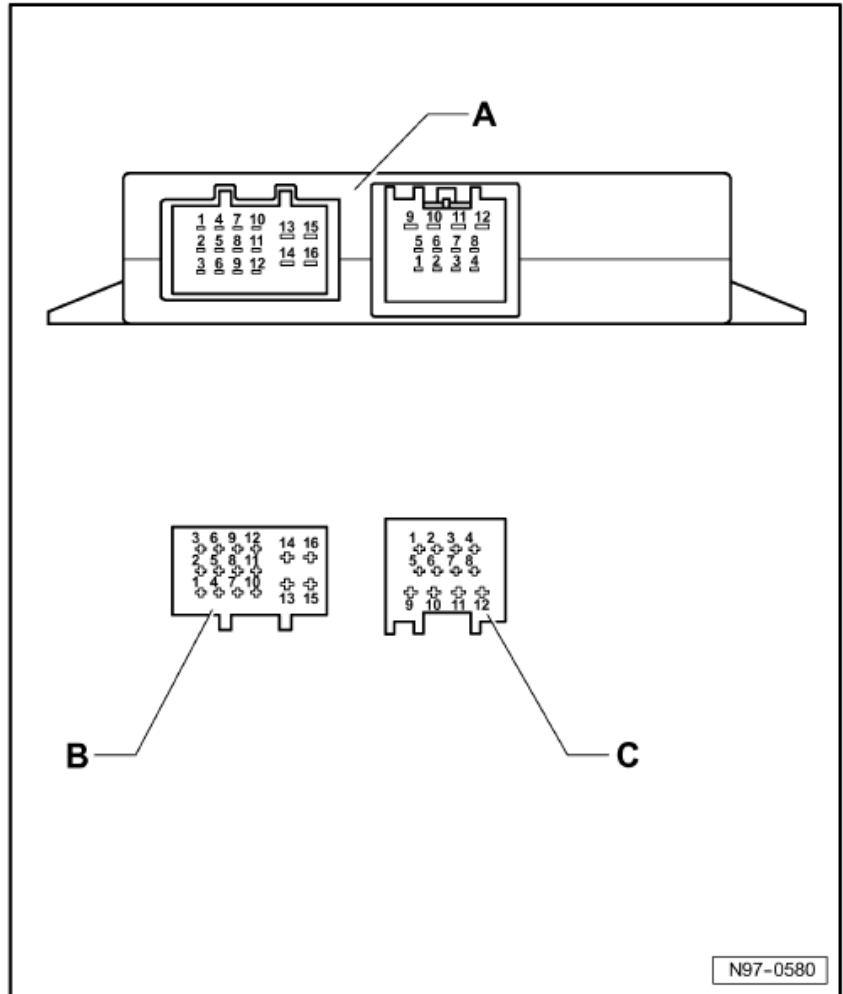
Pin Arrangements:

A - Towing recognition control module -J345-

Connector:

B - 16-pin connector -T16i- on wiring harness

C - 12-pin connector -T12h- on the wiring harness



Golf

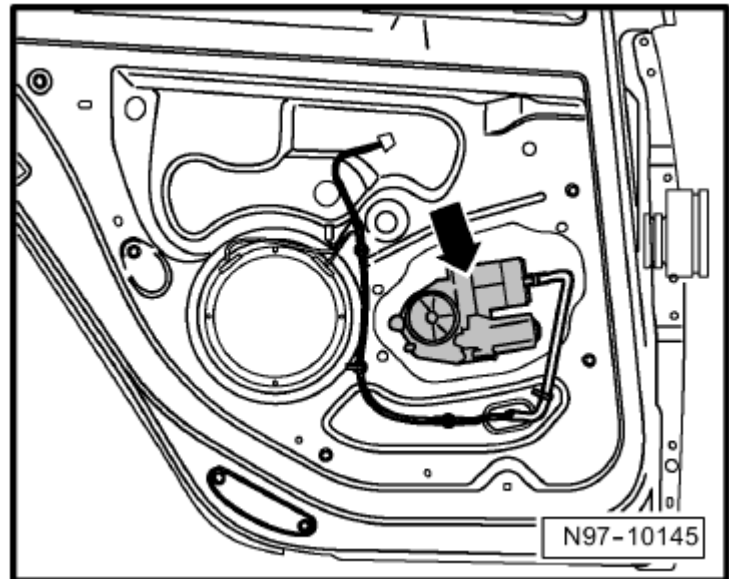
Component Locations

No. 804 / 20

Left rear door control module -J388-

Component Location:

On rear left door inner part -Arrow-



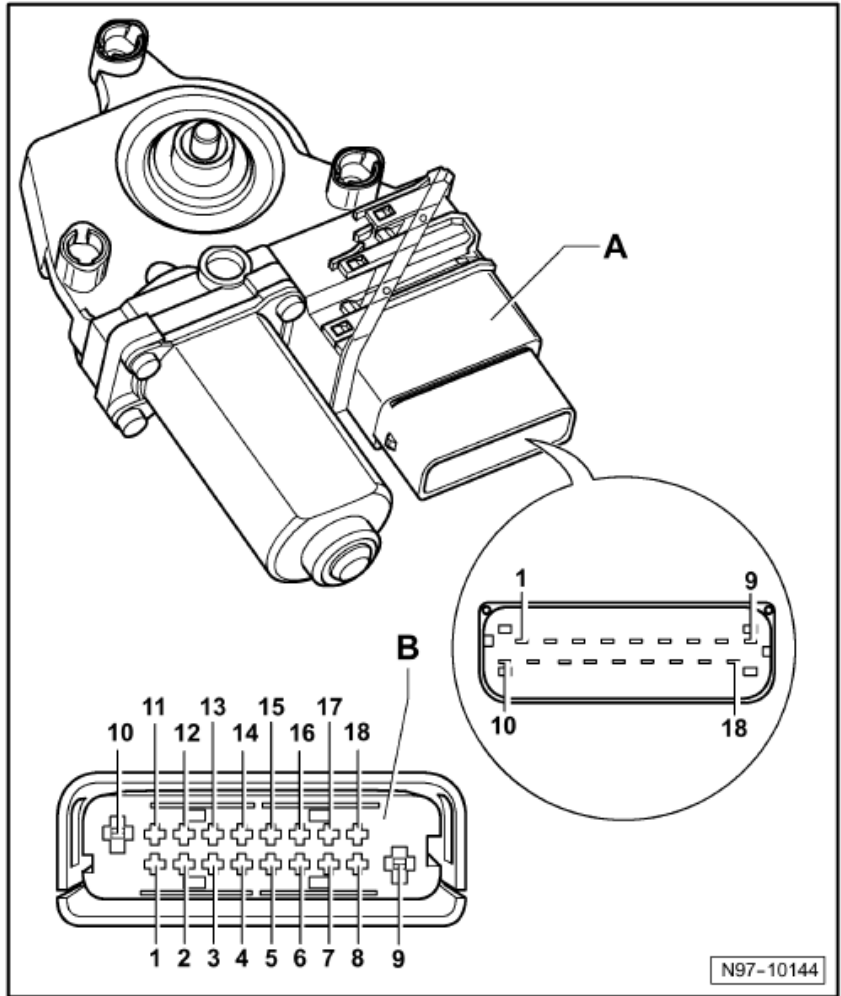
Golf

Component Locations

No. 804 / 21

Pin Arrangements:

- A - Left rear door control module -J388-
- B - 18-pin connector -T18c-



Golf

Component Locations

No. 804 / 22

High voltage battery charging voltage control module -J966-

Golf blue-e-motion

**Note**

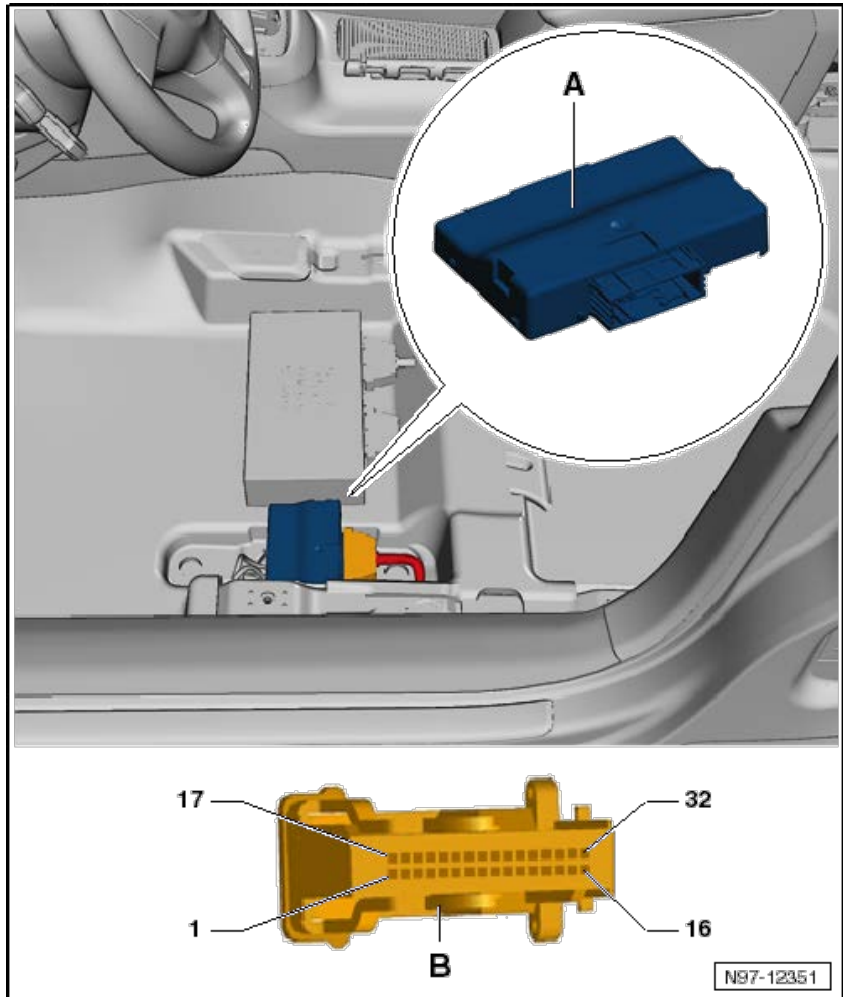
Installation location is possible on the heater and the air conditioner unit in the front passenger footwell

A - High voltage battery charging voltage control module -J966-

B - 32-pin connector -T32c-

Pin Arrangements:

- 1 - Not used
- 2 - Low bus connection 2 (in interior wiring harness) -B767-
- 3 - Not used
- 4 - Low bus connection (in instrument panel wiring harness) -A122-
- 5 - CAN bus drive low connection 1 (in instrument panel wiring harness) -A237-
- 6 - Not used
- 7 - Immediate upload button - E766-
- 8 - Driving program button -E598-
- 9 - Charge monitoring indicator lamp -K119-
- 10 - Not used
- 11 - Not used
- 12 - Not used
- 13 - Ground connection 7 (in interior wiring harness) -285-, ground connection in front right footwell -47-
- 14 - Not used
- 15 - Not used
- 16 - Positive connection 13 (30a) (in main wiring harness) -B327-, connection 12 (in automatic transmission wiring harness) -U35-, terminal 30
- 17 - Not used
- 18 - High bus connection 2 (in interior wiring harness) -B766-
- 19 - Not used
- 20 - High bus connection (in instrument panel wiring harness) -A121-
- 21 - CAN bus drive high connection 1 (in instrument panel wiring harness) -A236-
- 22 - Not used
- 23 - Driving program indicator lamp -K243- 1
- 24 - Driving program indicator lamp -K243- 2
- 25 - Not used
- 26 - Not used
- 27 - High voltage charging socket activation relay -J973-



28 - Not used

29 - Ground connection 7 (in interior wiring harness) -285- , ground connection in front right footwell - 47-

30 - Not used

31 - Not used

32 - Connection 3 in interior wiring harness -B607- , connection 2 for high-voltage battery charging - U35- , connection 1 for high-voltage battery charging -U34- , engine control unit -J623-

Golf

Component Locations

No. 804 / 23

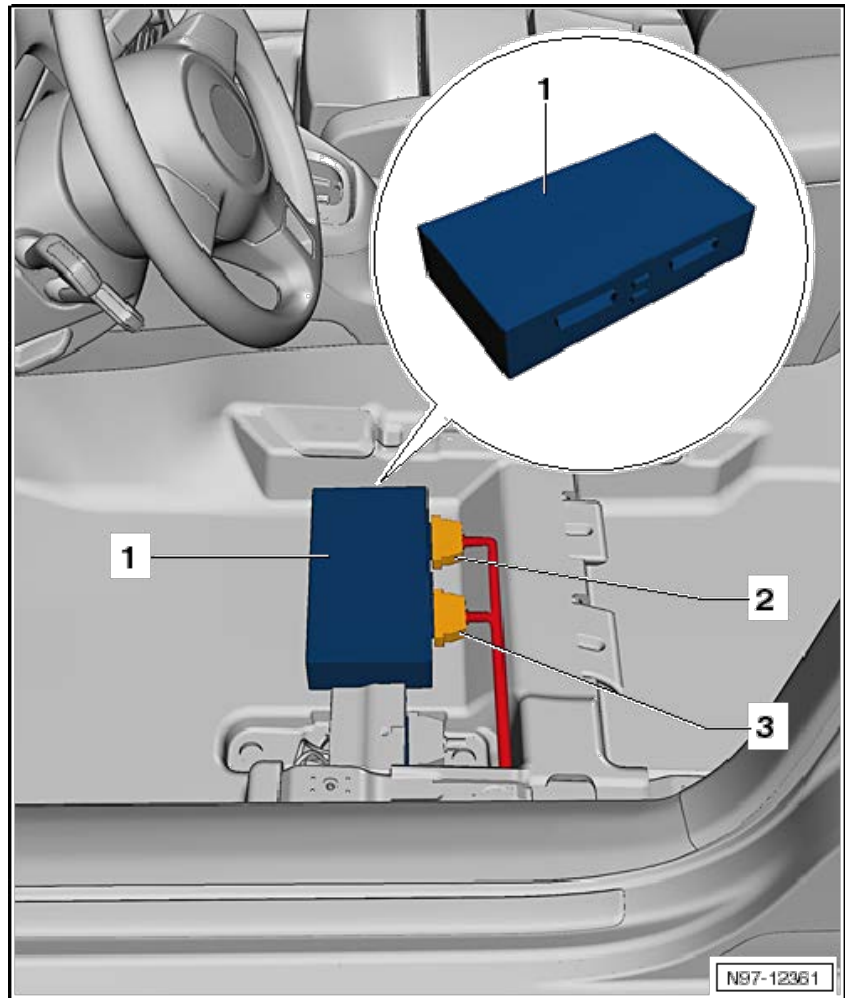
Heating and air conditioning control module - J979-

Golf blue-e-motion

1 - Heating and air conditioning control module -J979- under the driver seat

Connector:

**2 - 8-pin connector -T8am-
3 - 17-pin connector -T17d-**



Golf

Component Locations

No. 856 / 1

Edition 01.2012

Engine Management System

- ◆ 2.0L CCTA / CBFA Overview → [Chapter](#)
- ◆ 2.0L CRZA Overview → [Chapter](#)
- ◆ 2.0L CJAA TDI Overview → [Chapter](#)
- ◆ 2.5L CBTA / CBUA Overview → [Chapter](#)
- ◆ Exhaust System Overview → [Chapter](#)
- ◆ Cooling System Components Overview → [Chapter](#)
- ◆ Fuel Pumps and Sensors → [Chapter](#)
- ◆ Accelerator Pedal Module Overview → [Chapter](#)

Select system (above) or component ID (below) to navigate to a location view.

Oil Pressure Switch - F1- /Reduced oil pressure switch - F378- ◆ 2.0L CCTA and CBFA → Item ◆ 2.0L CRZA → Chapter ◆ 2.0L CJAA TDI → Item ◆ 2.5L CBTA and CBUA → Item	Engine Speed (RPM) Sensor -G28- ◆ 2.0L CCTA and CBFA → Item ◆ 2.0L CRZA → Chapter ◆ 2.0L CJAA TDI → Item ◆ 2.5L CBTA and CBUA → Item	Charge Air Pressure Sensor -G31- ◆ 2.0L CCTA and CBFA → Item ◆ 2.0L CRZA → Chapter ◆ 2.0L CJAA TDI → Item	Camshaft Position (CMP) Sensor -G40- ◆ 2.0L CCTA and CBFA → Item ◆ 2.0L CRZA → Chapter ◆ 2.0L CJAA TDI → Item ◆ 2.5L CBTA and CBUA → Item	Intake Air Temperature (IAT) Sensor -G42- ◆ 2.0L CCTA and CBFA → Item ◆ 2.0L CRZA → Chapter ◆ 2.0L CJAA TDI → Item ◆ 2.5L CBTA and CBUA → Item
Knock Sensor 1 - G61- ◆ 2.0L CCTA and CBFA → Item ◆ 2.0L CRZA → Chapter ◆ 2.5L CBTA and CBUA → Item	Engine Coolant Temperature (ECT) Sensor -G62- ◆ 2.0L CCTA and CBFA → Item ◆ 2.0L CRZA → Chapter ◆ 2.0L CJAA TDI → Item ◆ 2.5L CBTA and CBUA → Item	Knock sensor 2 - G66- ◆ 2.0L CRZA → Chapter ◆ 2.5L CBTA and CBUA → Item	Mass Air Flow (MAF) Sensor -G70- ◆ 2.0L CCTA and CBFA → Item ◆ 2.0L CRZA → Chapter ◆ 2.0L CJAA TDI → Item ◆ 2.5L CBTA and CBUA → Item	Fuel Pressure Sensor -G247- ◆ 2.0L CCTA and CBFA → Item ◆ 2.0L CRZA → Chapter ◆ 2.0L CJAA TDI → Item
Oil Level Thermal Sensor -G266- ◆ 2.0L CCTA and CBFA → Item ◆ 2.0L CRZA → Chapter ◆ 2.0L CJAA TDI → Item ◆ 2.5L CBTA and CBUA → Item	Secondary Air Injection Sensor 1 - G609- ◆ 2.0L CCTA and CBFA → Item ◆ 2.5L CBTA and CBUA → Item	-Fuel Injectors -N30-, -N31-, -N32-, -N33- and -N83-- ◆ 2.0L CCTA and CBFA → Item ◆ 2.0L CRZA → Chapter ◆ 2.0L CJAA TDI → Item ◆ 2.5L CBTA and CBUA → Item	-Ignition Coils -N70-, -N127-, -N291-, -N292- and -N323-- ◆ 2.0L CCTA and CBFA → Item ◆ 2.5L CBTA and CBUA → Item	Wastegate Bypass Regulator Valve - N75- ◆ 2.0L CCTA and CBFA → Item ◆ 2.0L CRZA → Chapter ◆ 2.0L CJAA TDI → Item
Evaporative	Secondary Air	Camshaft	Turbocharger	Fuel Pressure

<p>Emission (EVAP) Canister Purge Regulator Valve 1 - N80-</p> <ul style="list-style-type: none"> ◆ 2.0L CCTA and CBFA → Item ◆ 2.0L CRZA → Chapter ◆ 2.5L CBTA and CBUA → Item 	<p>Injection (AIR) Solenoid Valve - N112-</p> <ul style="list-style-type: none"> ◆ 2.0L CCTA and CBFA → Item ◆ 2.5L CBTA and CBUA → Item 	<p>Adjustment Valve 1 - N205-</p> <ul style="list-style-type: none"> ◆ 2.0L CCTA and CBFA → Item ◆ 2.0L CRZA → Chapter ◆ 2.5L CBTA and CBUA → Item 	<p>recirculation valve - N249-</p> <ul style="list-style-type: none"> ◆ 2.0L CCTA and CBFA → Item ◆ 2.0L CRZA → Chapter 	<p>Regulator Valve - N276-</p> <ul style="list-style-type: none"> ◆ 2.0L CCTA and CBFA → Item ◆ 2.0L CRZA → Chapter ◆ 2.0L CJAA TDI → Item
<p>Throttle Valve Control Module - J338-</p> <ul style="list-style-type: none"> ◆ Module includes: G186, G187, G188 ◆ 2.0L CCTA and CBFA → Item ◆ 2.0L CRZA → Chapter ◆ 2.0L CJAA TDI → Item ◆ 2.5L CBTA and CBUA → Item 	<p>Secondary Air Injection (AIR) Pump Motor -V101-</p> <ul style="list-style-type: none"> ◆ 2.0L CCTA and CBFA → Item ◆ 2.5L CBTA and CBUA → Item 	<p>Leak Detection Pump (LDP) -V144-</p> <ul style="list-style-type: none"> ◆ 2.0L CCTA and CBFA → Item ◆ 2.0L CRZA → Chapter ◆ 2.5L CBTA and CBUA → Item 	<p>Intake flap motor - V157- with Intake manifold runner position sensor - G336-</p> <ul style="list-style-type: none"> ◆ 2.0L CCTA and CBFA → Chapter ◆ 2.0L CRZA → Chapter ◆ 2.0L CJAA TDI → Item ◆ 2.5L CBTA and CBUA → Item 	

Golf

Component Locations

No. 856 / 2

2.0L CCTA and CBFA

**Note**

Components A through F below are not shown in the illustration

1 - Camshaft Adjustment Valve 1

-N205- → **Chapter**

2 - Wastegate Bypass Regulator Valve -N75- → **Chapter**

- Installed directly on the turbocharger

3 - Turbocharger Recirculating Valve -N249- → **Chapter**

- Installed directly on the turbocharger

4 - Ignition Coils with Power Output Stages → **Chapter**

- ◆ Ignition Coil 1 with Power Output Stage -N70-
- ◆ Ignition Coil 2 with Power Output Stage -N127-
- ◆ Ignition Coil 3 with Power Output Stage -N291-
- ◆ Ignition Coil 4 with Power Output Stage -N292-

5 - Engine Control Module (ECM) -J623-

6 - High-Pressure Pump → **Chapter**

- With the fuel pressure regulator valve

7 - Fuel Pressure Regulator Valve -N276- → **Chapter**

8 - Engine Coolant Temperature (ECT) Sensor (on Radiator) -G83- → **Chapter**

9 - Vacuum Actuator → **Chapter**

10 - Intake Manifold Runner Control (IMRC) Valve -N316- → **Chapter**

11 - Engine Speed (RPM) Sensor -G28- → **Chapter**

12 - Charge Air Pressure Sensor -G31- → **Chapter**

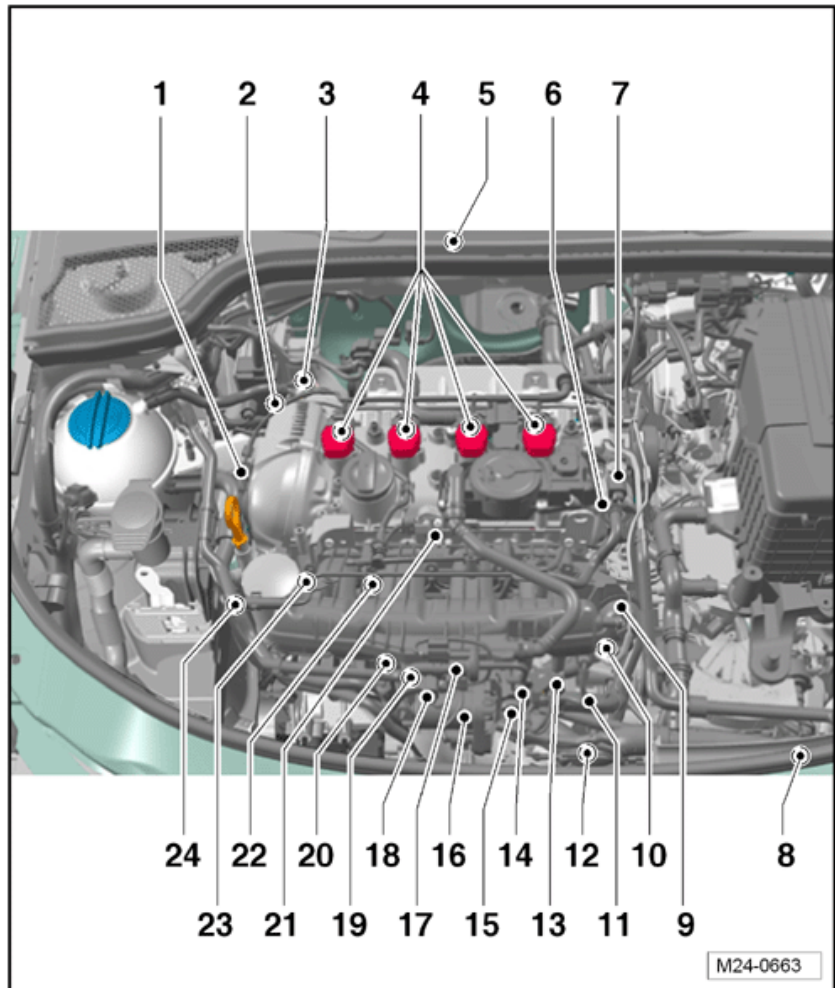
13 - Electrical Connector from Knock Sensor (KS) 1 -G61- → **Chapter**

14 - Electrical Connector from Camshaft Position (CMP) Sensor 2 -G40- → **Chapter**

15 - 8 Pin Harness Connector for Fuel Injectors → **Chapter**

16 - Throttle Valve Control Module -J338- → **Chapter**

- With throttle valve control module throttle drive (for electronic power control), throttle drive angle sensor 1 (for electronic power control) and throttle drive angle sensor 2 (for electronic power control)



Golf

Component Locations

No. 856 / 3

2.0L CCTA and CBFA Overview continued

17 - Evaporative Emission (EVAP) Canister Purge Regulator Valve 1 -N80- → Chapter

18 - Intake Air Temperature (IAT) Sensor -G42- → Chapter

- ❑ Bolted to the front of the intake manifold

19 - Knock Sensor 1 -G61-

- ❑ Located on the front cylinder head under the intake manifold

20 - Engine Coolant Temperature (ECT) Sensor -G62- → Chapter

- ❑ Located in the coolant pump housing

21 - Camshaft Position (CMP) Sensor -G40- → Chapter

- ❑ Bolted to the front cylinder head cover

22 - Fuel Pressure Sensor -G247- → Chapter

- ❑ Located on the fuel rail

23 - Intake Manifold Runner Position Sensor -G336- → Chapter

- ❑ Located in the intake manifold to the right

24 - Oil Pressure Switch -F1- /Reduced oil pressure switch - F378- → Chapter

- ❑ Located in the accessory assembly bracket

A - Data Link Connector (DLC)

- ❑ Located in the driver side footwell

B - Mass Air Flow (MAF) Sensor -G70- → Chapter

- ❑ With Intake Air Temperature (IAT) sensor 2

C - Throttle Position (TP) Sensor -G79- and Accelerator Pedal Position Sensor 2 -G185- → Chapter

- ❑ Located on the accelerator pedal and both sensors are integrated into one housing

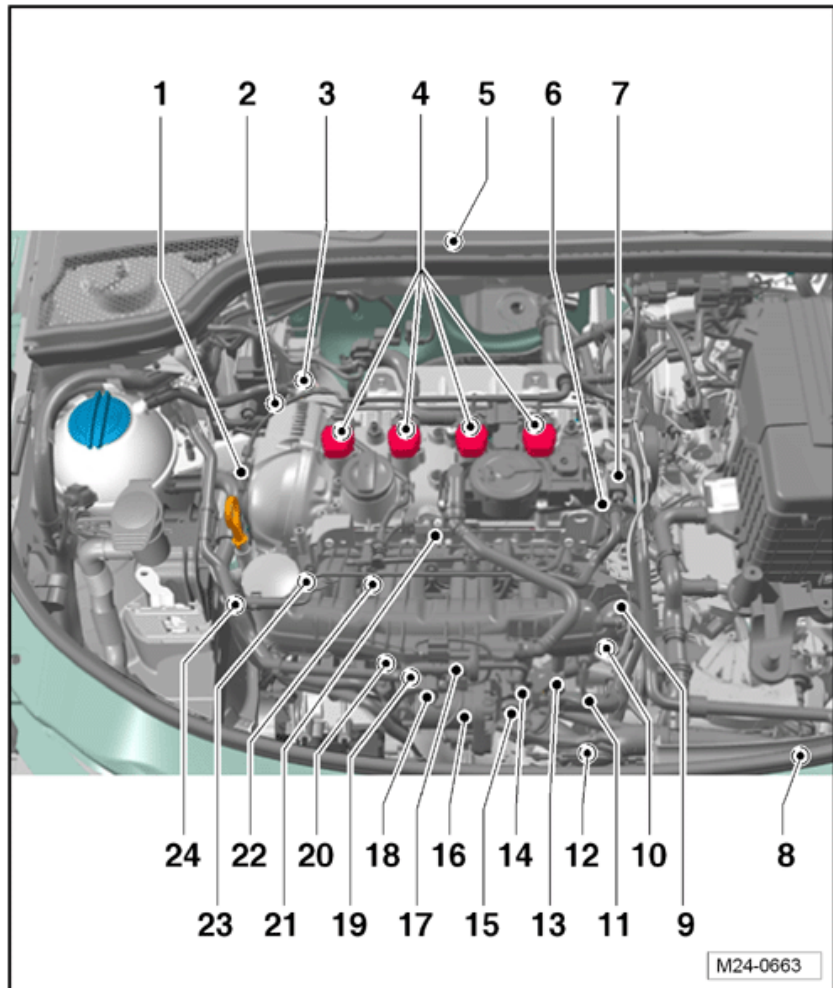
D - Coolant Fan (FC) Control Module -J293- → Item

- ❑ The coolant fan control module is integrated in the Coolant Fan -V7-

E - Fuel Injectors -N30-, -N31-, -N32- and -N33- → Chapter

- ❑ Located on the fuel rail

F - Evaporative Emission (EVAP) System → Chapter



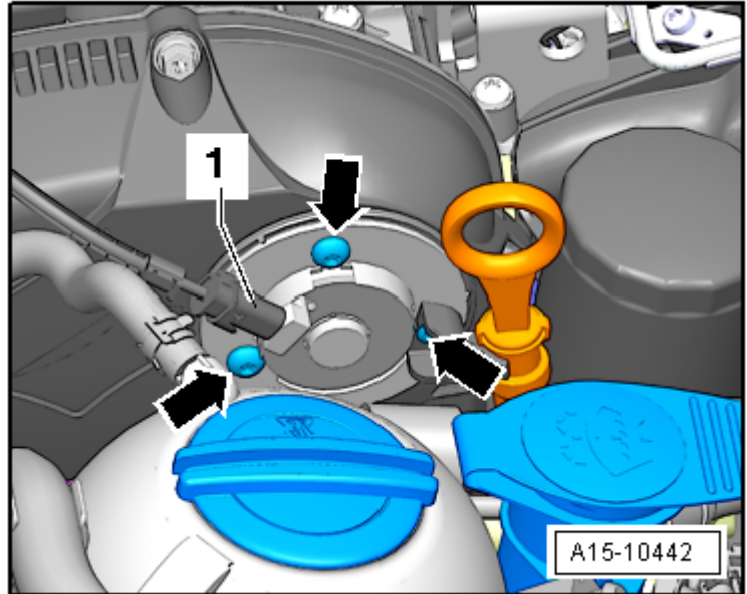
Golf

Component Locations

No. 856 / 4

Camshaft Adjustment Valve 1

1 - Camshaft Adjustment Valve 1 -N205-



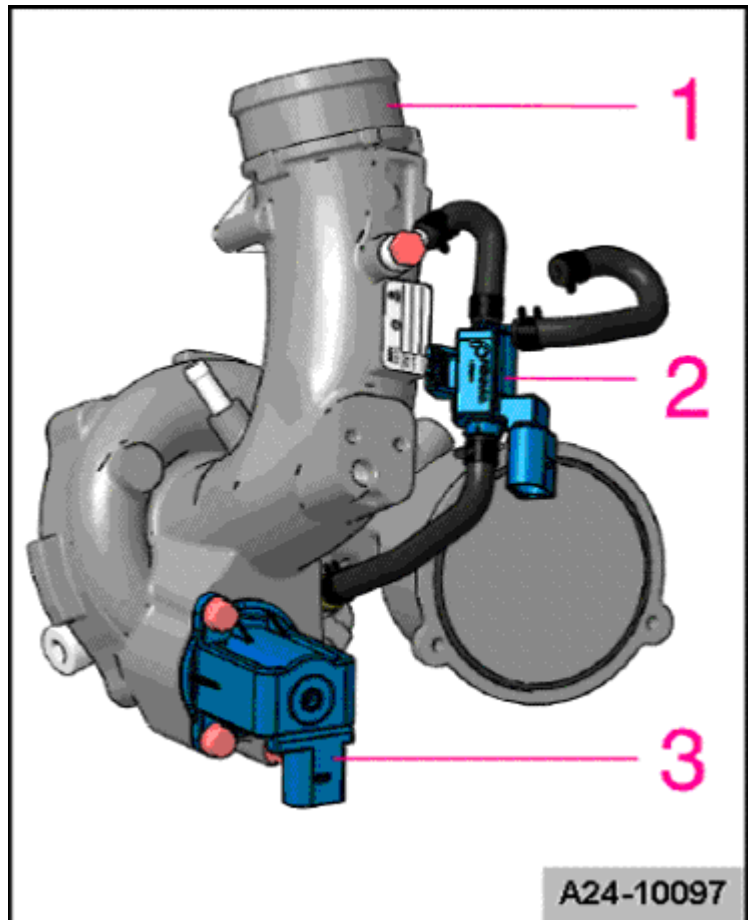
Golf

Component Locations

No. 856 / 5

Turbocharger Components

- 1 - Turbocharger
- 2 - Wastegate Bypass Regulator Valve -N75-
- 3 - Turbocharger Recirculating Valve -N249-



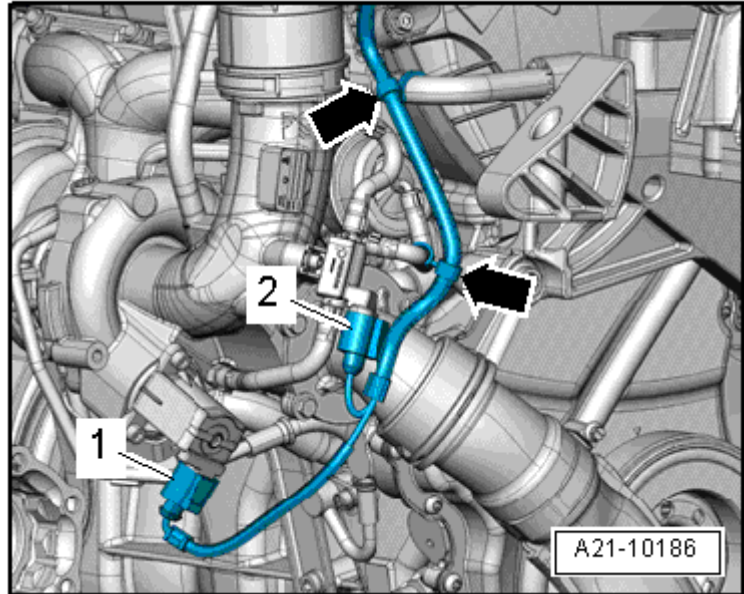
Golf

Component Locations

No. 856 / 6

Wastegate Bypass Regulator Valve 2

2 - Wastegate Bypass Regulator Valve 2 -
N274-



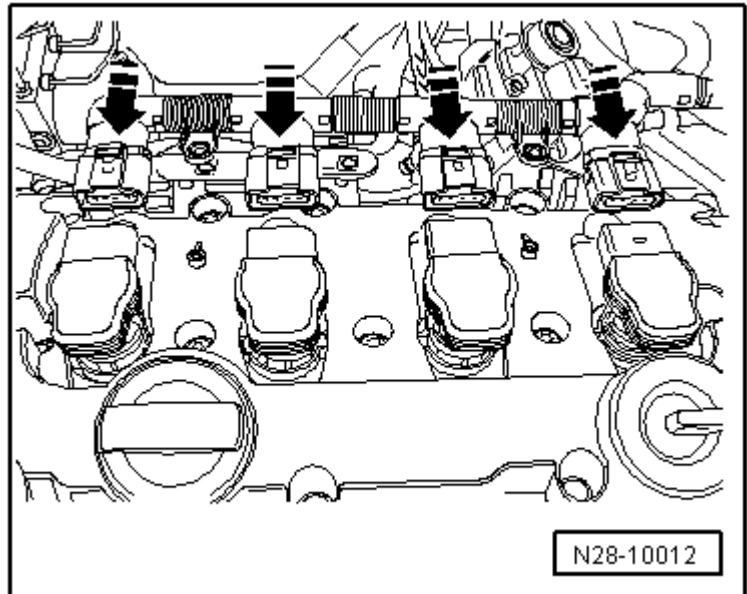
Golf

Component Locations

No. 856 / 7

Ignition Coils with Power Output Stages

- Ignition Coil 1 with Power Output Stage -N70-
- Ignition Coil 2 with Power Output Stage -N127-
- Ignition Coil 3 with Power Output Stage -N291-
- Ignition Coil 4 with Power Output Stage -N292-



Golf

Component Locations

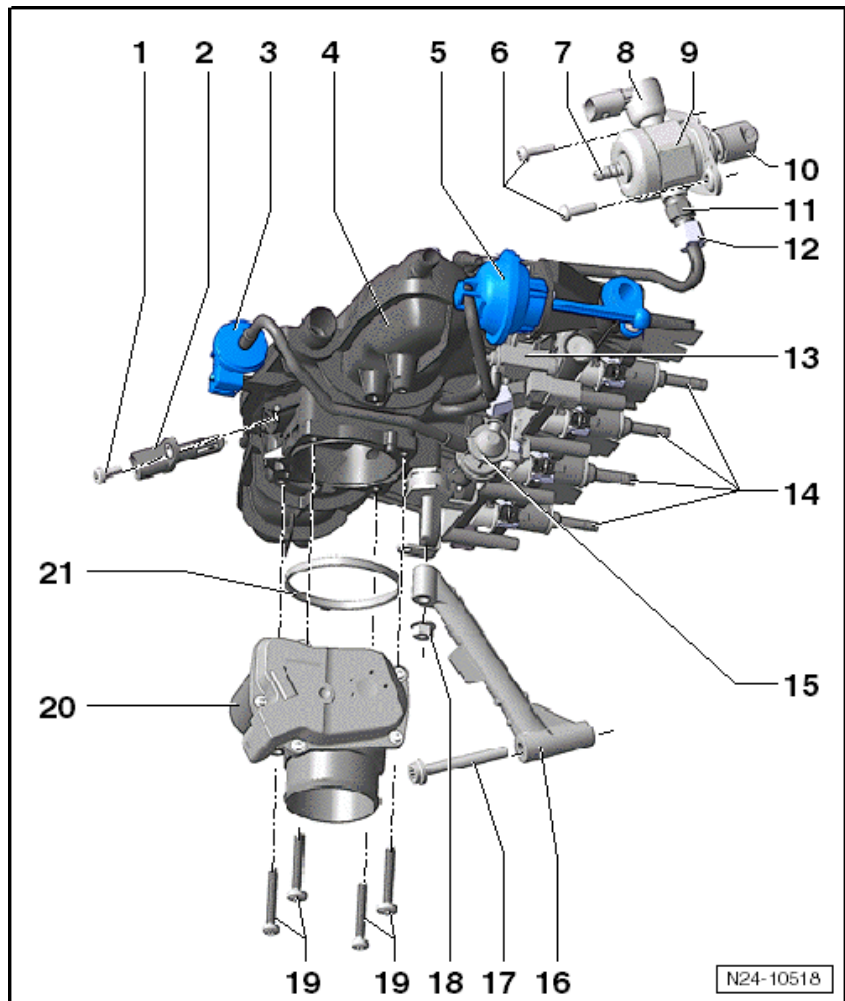
No. 856 / 8

Intake Manifold Assembly Overview

- 2 - Intake Air Temperature (IAT) Sensor -G42-
- 3 - Evaporative Emission (EVAP) Canister Purge Regulator Valve 1 -N80-
- 4 - Intake Manifold
- 5 - Vacuum Actuator
- 8 - Fuel Pressure Regulator Valve -N276-
- 9 - High Pressure Pump
 - With the fuel pressure regulator valve
- 13 - Intake Manifold Runner Control (IMRC) Valve -N316-
- 14 - Fuel Injectors
 - ◆ Cylinder 1 Fuel Injector -N30-
 - ◆ Cylinder 2 Fuel Injector -N31-
 - ◆ Cylinder 3 Fuel Injector -N32-
 - ◆ Cylinder 4 Fuel Injector -N33-
- 20 - Throttle Valve Control Module -J338-

The Throttle Valve Control Module -J338- is integrated with the following:

- ◆ Throttle Drive (for Electronic Power Control (EPC)) -G186-
- ◆ Throttle Drive Angle Sensor 1 (for Electronic Power Control (EPC)) -G187-
- ◆ Throttle Drive Angle Sensor 2 (for Electronic Power Control (EPC)) -G188-
- 2.0L CJAA TDI location → **Item**
- 2.5L CBTA / CBUA location → **Item**



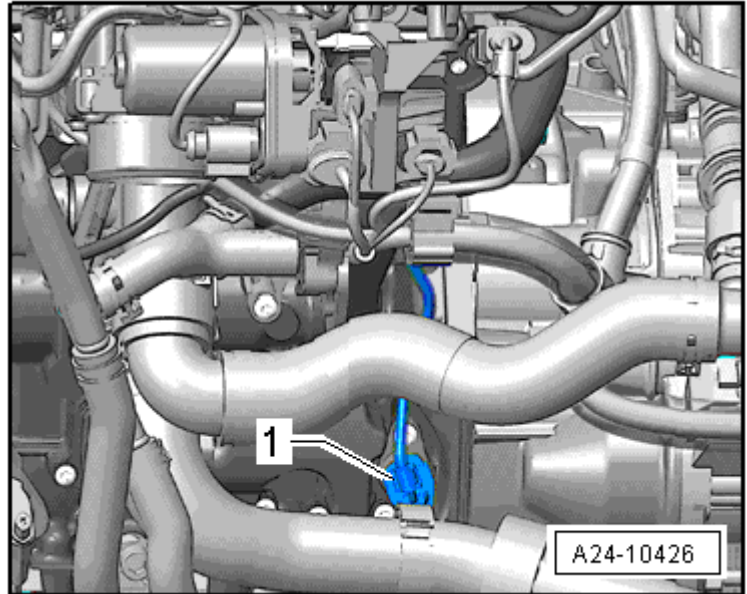
Golf

Component Locations

No. 856 / 9

Engine Speed (RPM) Sensor

1 - Engine Speed (RPM) Sensor -G28-



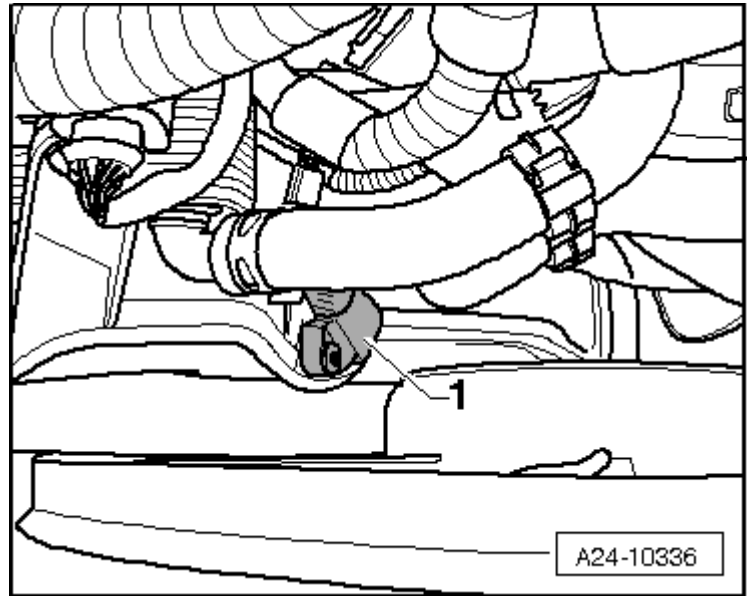
Golf

Component Locations

No. 856 / 10

Charge Air Pressure Sensor

1 - Charge Air Pressure Sensor -G31-



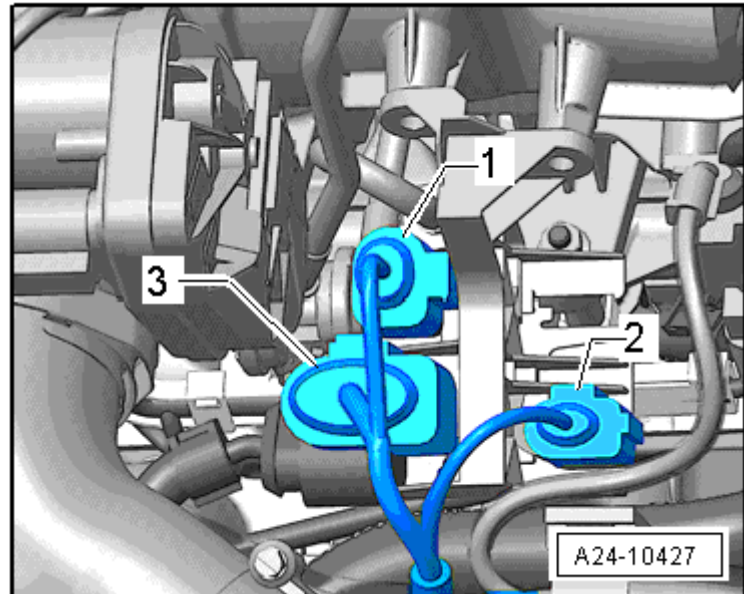
Golf

Component Locations

No. 856 / 11

Electrical Connectors

- 1 - From CMP Sensor
- 2 - From Knock Sensor
- 3 - 8 pin harness connector for the fuel injectors



Golf

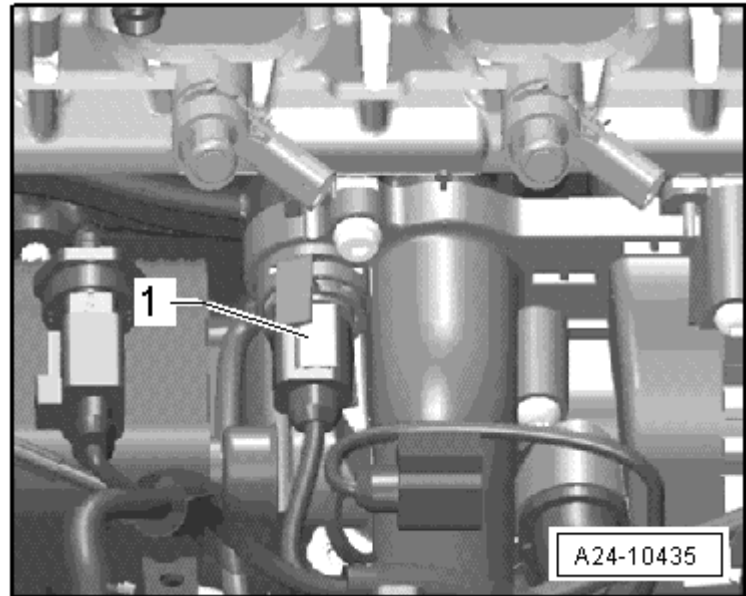
Component Locations

No. 856 / 12

Engine Coolant Temperature (ECT) Sensor

1 - Engine Coolant Temperature (ECT) Sensor -G62-

- Under the intake manifold (the intake manifold is not shown in the illustration)



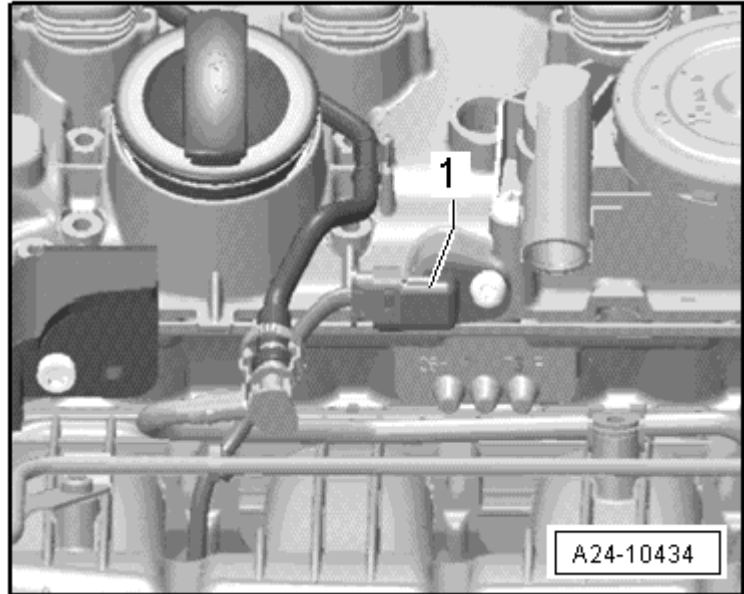
Golf

Component Locations

No. 856 / 13

Camshaft Position (CMP) Sensor

1 - Camshaft Position (CMP) Sensor -G40-



Golf

Component Locations

No. 856 / 14

Fuel Rail Assembly Overview**1 - Fuel Injector**

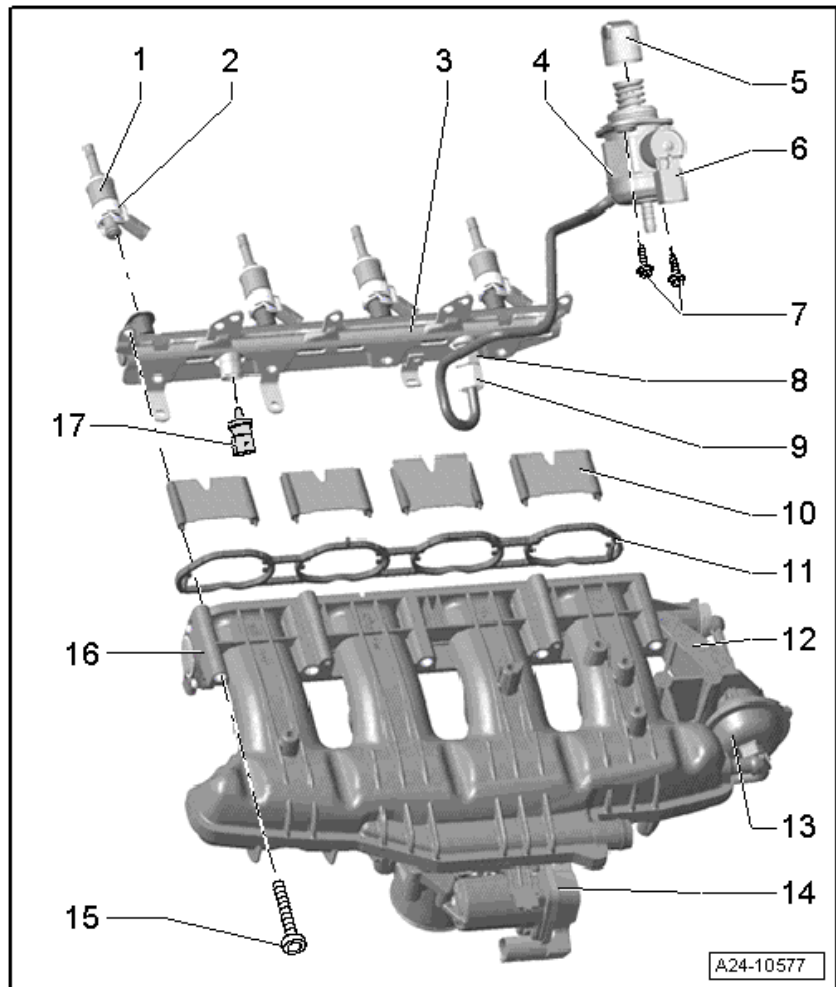
- ◆ Cylinder 1 fuel injector -N30-
- ◆ Cylinder 2 fuel injector -N31-
- ◆ Cylinder 3 fuel injector -N32-
- ◆ Cylinder 4 fuel injector -N33-

3 - Fuel rail**4 - High-Pressure Pump****6 - Fuel Pressure Regulator Valve -N276-****12 - Intake Manifold****13 - Vacuum Actuator****14 - Throttle Valve Control Module -J338-**

- With the throttle drive (for Electronic Power Control (EPC)), throttle drive angle sensor 1 (for EPC) and throttle drive angle sensor 2 (for EPC)

16 - Intake Manifold Runner Position Sensor -G336-

- Located in the intake manifold on the right

17 - Fuel Pressure Sensor -G247-

A24-10577

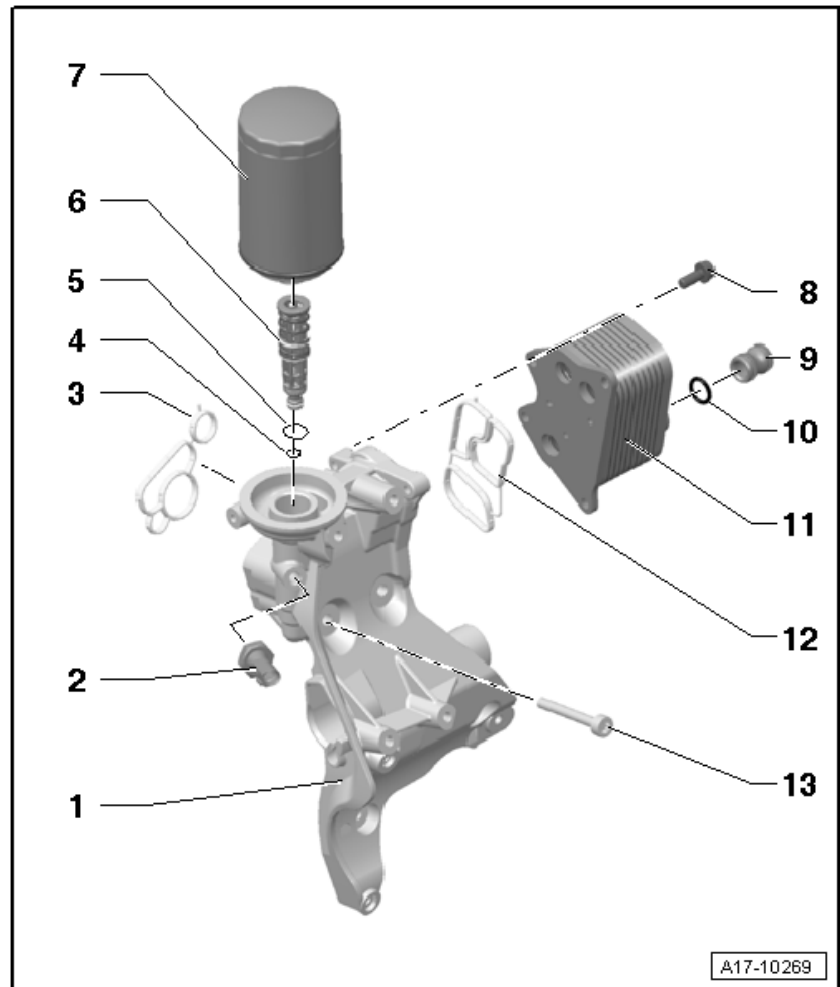
Golf

Component Locations

No. 856 / 15

Oil Pressure Switch

- 1 - Assembly Bracket
- 2 - Oil Pressure Switch -F1-
- 7 - Oil Filter Element



Golf

Component Locations

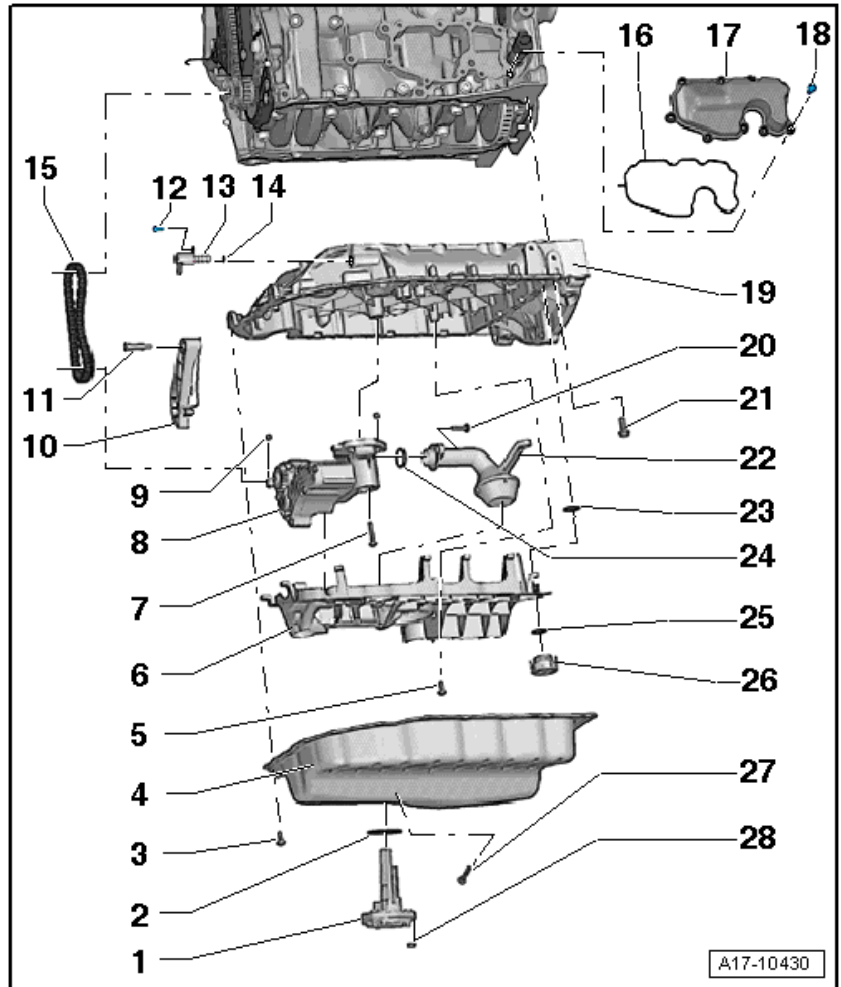
No. 856 / 16

Oil Level Thermal Sensor

1 - Oil Level Thermal Sensor - G266-

- Located at the bottom of oil pan

13 - Oil Pressure Regulation Valve -N428- (if applicable)



Golf

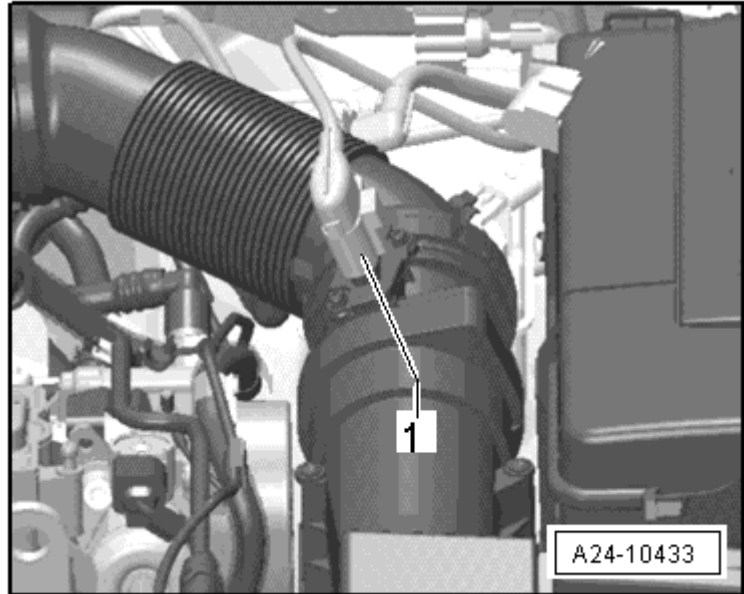
Component Locations

No. 856 / 17

Mass Air Flow (MAF) Sensor

1 - Mass Air Flow (MAF) Sensor -G70-

- The IAT sensor 2 and the MAF sensor are integrated in a single housing



Golf

Component Locations

No. 856 / 18

EVAP System Assembly Overview

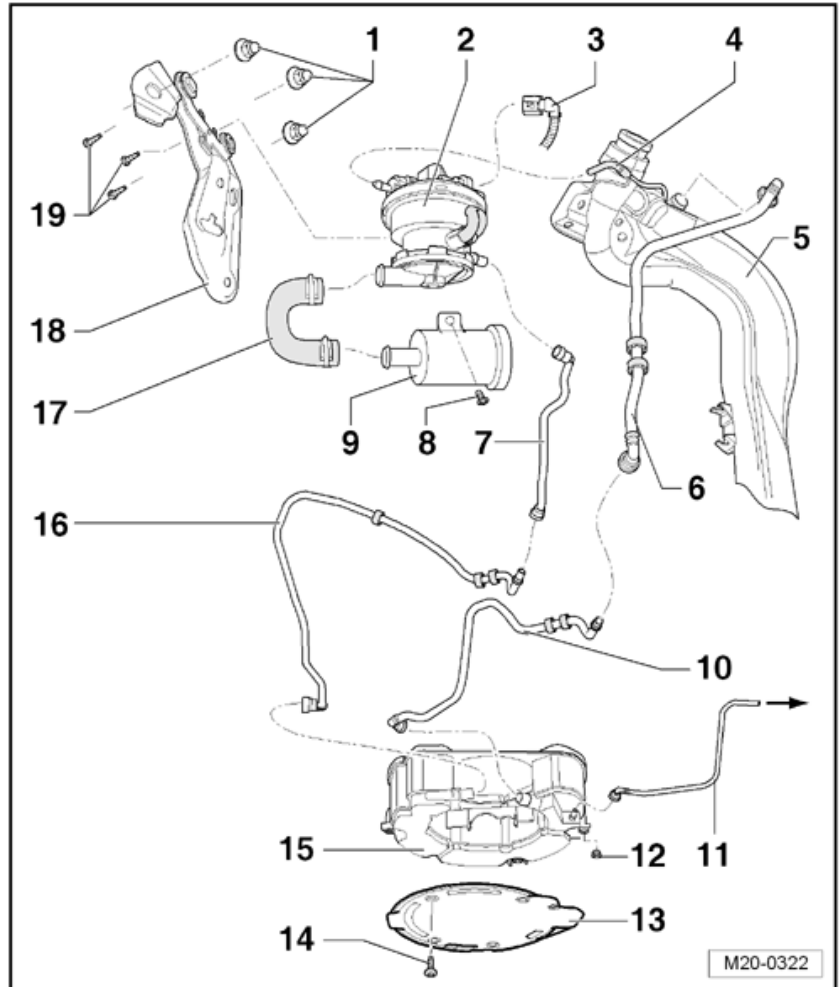
2 - Leak Detection Pump (LDP) - V144-

- Located under the wheel housing liner in the right rear wheel housing

5 - Fuel Filler Tube

15 - Evaporative Emission (EVAP) Canister

- Located at the bottom of the spare tire wheel well



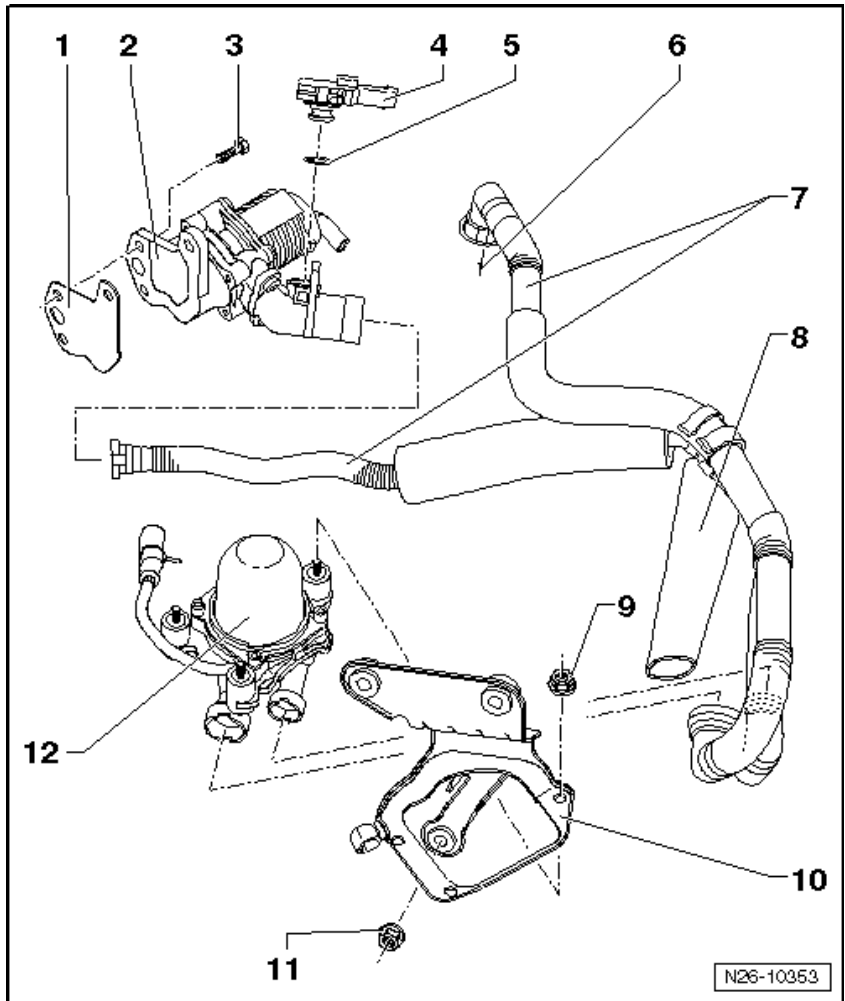
Golf

Component Locations

No. 856 / 19

Secondary Air Injection System Assembly - Engine Code CBFA

- 2 - Secondary Air Injection (AIR) Solenoid Valve -N112-
- 3 - Secondary Air Injection Sensor 1 -G609-
- 12 - Secondary Air Injection (AIR) Pump Motor -V101-



Golf

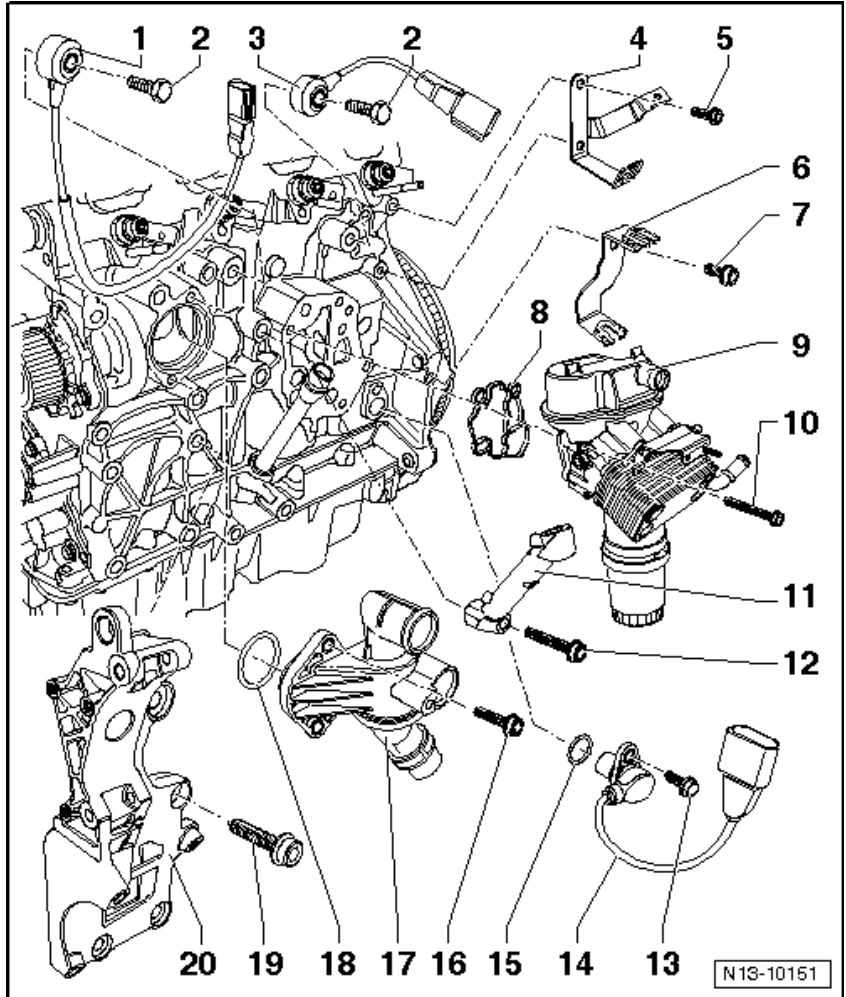
Component Locations

No. 856 / 20

2.0L CRZA

Engine Block Overview

- 1 - Knock sensor 1 -G61-
- 3 - Knock sensor 2 -G66-
- 14 - Engine speed sensor -G28-



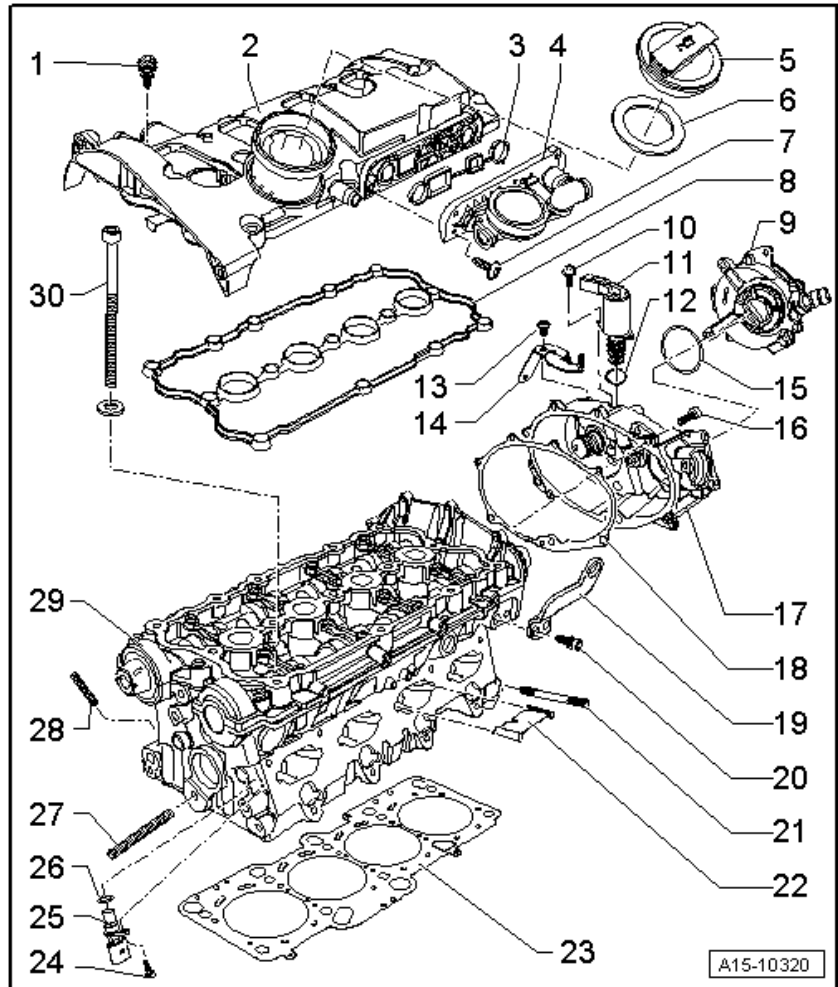
Golf

Component Locations

No. 856 / 21

Cylinder Head Overview

- 11 - Camshaft adjustment valve 1 - N205-
- 25 - Camshaft position sensor - G40-



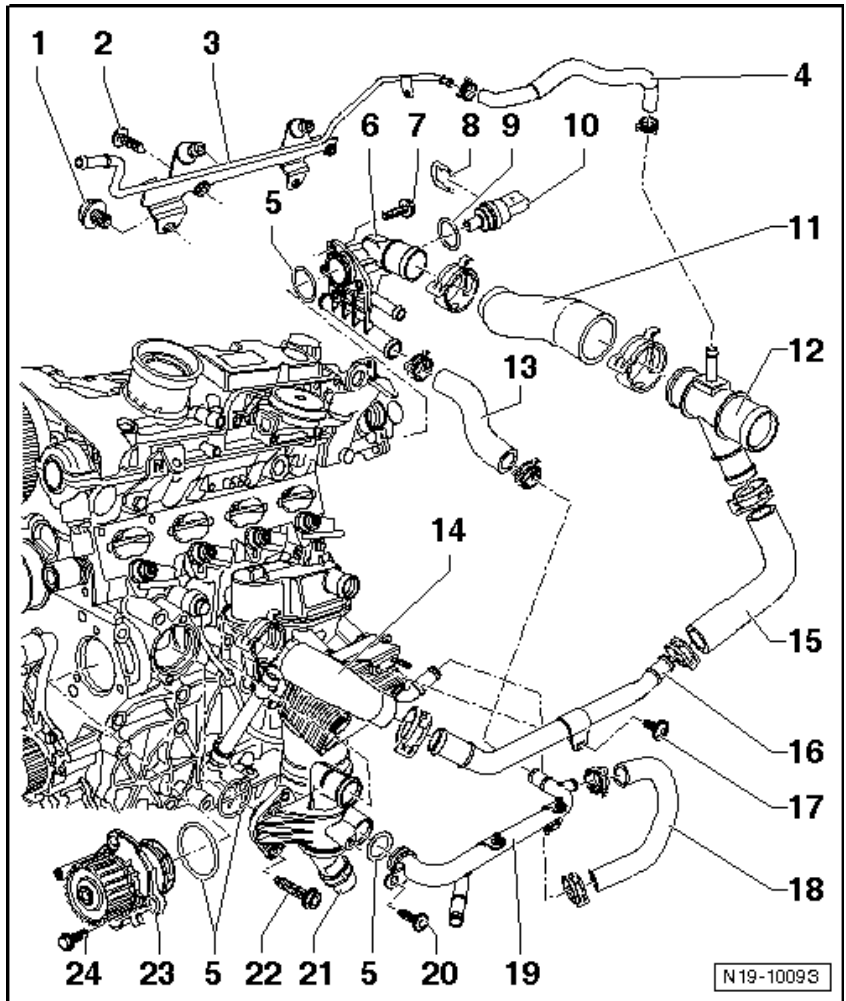
Golf

Component Locations

No. 856 / 22

Engine coolant temperature sensor -G62-

10 - Engine coolant temperature sensor -G62-



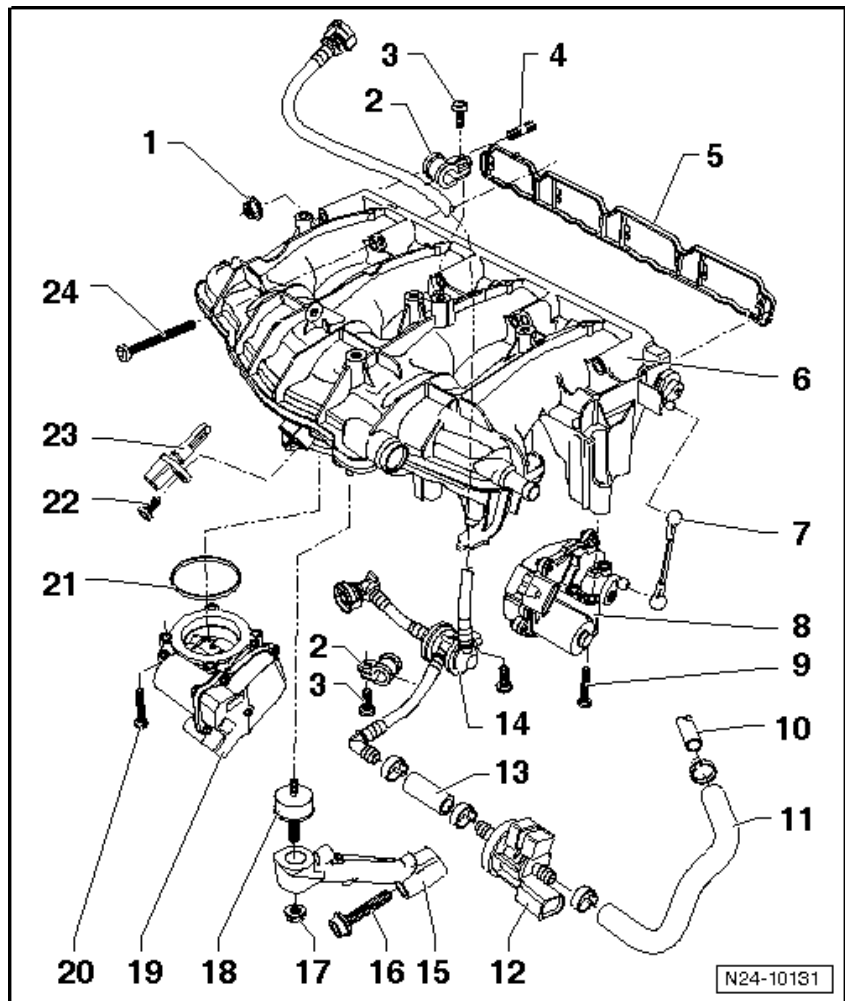
Golf

Component Locations

No. 856 / 23

Intake Manifold Overview

- 8 - Intake flap motor -V157- with Intake manifold runner position sensor -G336-
- 12 - EVAP canister purge regulator valve 1 -N80-
- 19 - Throttle valve control module - J338-
- Contains: EPC throttle drive - G186- , EPC throttle drive angle sensor 1 -G187- and EPC throttle drive angle sensor 2 -G188-
- 23 - Intake air temperature sensor - G42-



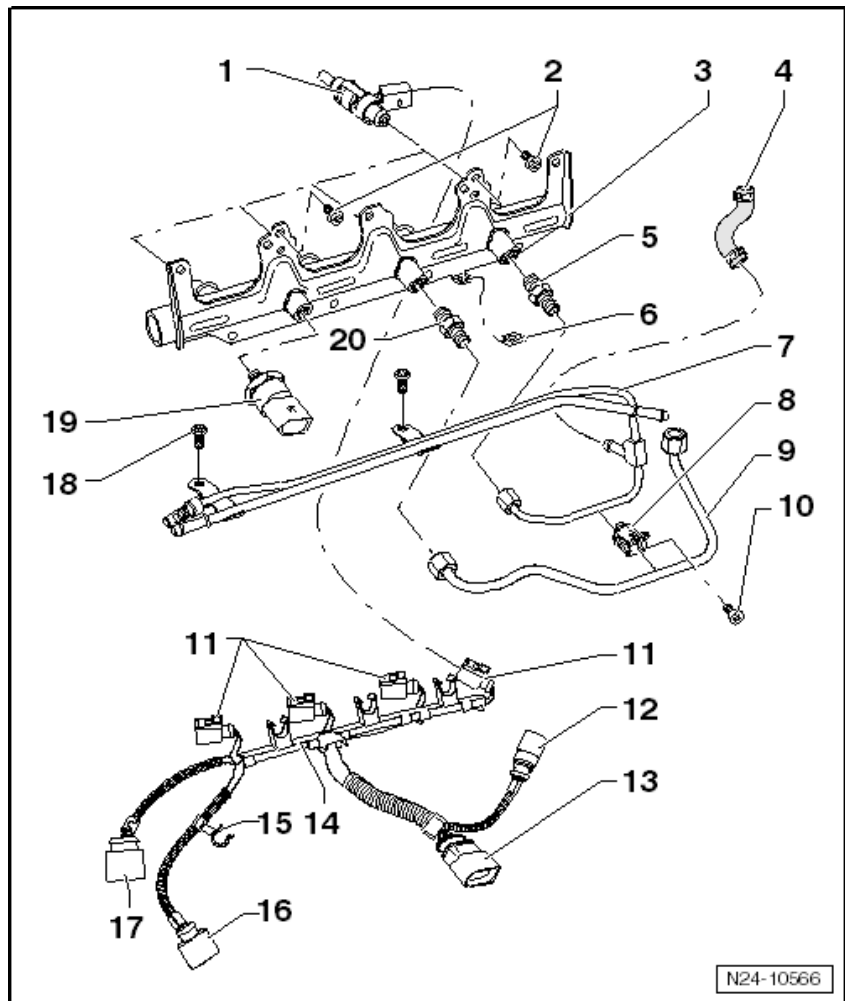
Golf

Component Locations

No. 856 / 24

Fuel Rail and Injectors Overview**1 - Fuel Injectors**

- ◆ Cylinder 1 fuel injector -N30-
 - ◆ Cylinder 2 fuel injector -N31-
 - ◆ Cylinder 3 fuel injector -N32-
 - ◆ Cylinder 4 fuel injector -N33-
- 19 - Fuel pressure sensor -G247-**



Golf

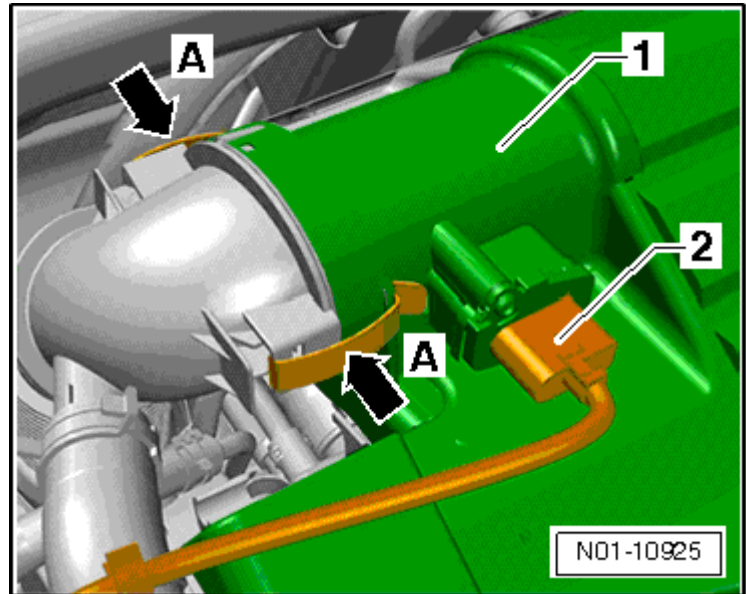
Component Locations

No. 856 / 25

Mass airflow sensor -G70-

2 - Mass airflow sensor -G70- connector

- ◆ Located in Engine Cover



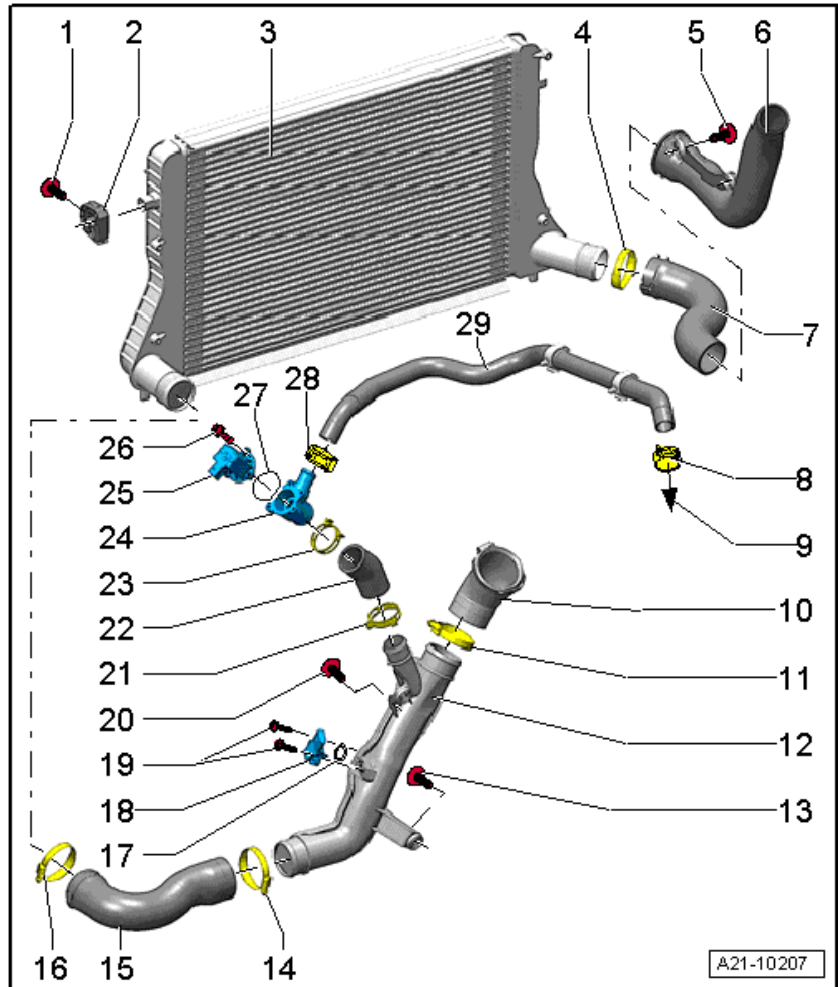
Golf

Component Locations

No. 856 / 26

Charge Air Cooler - Turbocharger Overview

- 18 - Charge air pressure sensor - G31-
- 25 - Turbocharger recirculation valve -N249-

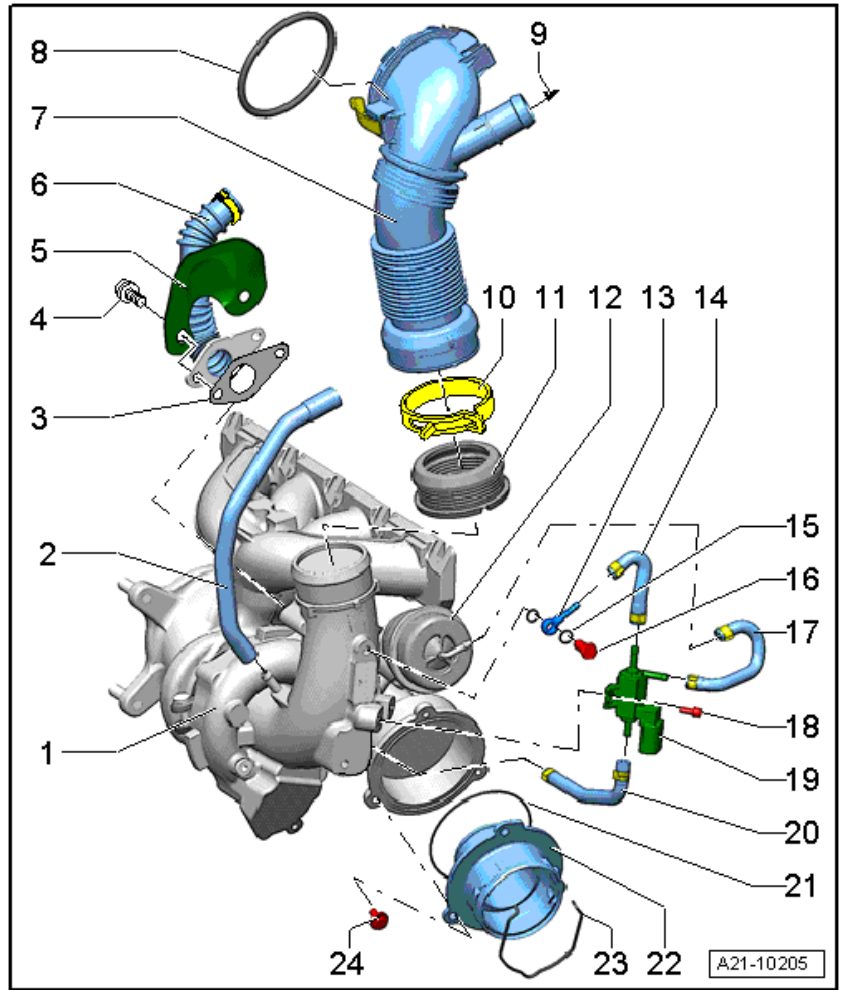


Golf

Component Locations

No. 856 / 27

19 - Wastegate bypass regulator valve -N75-



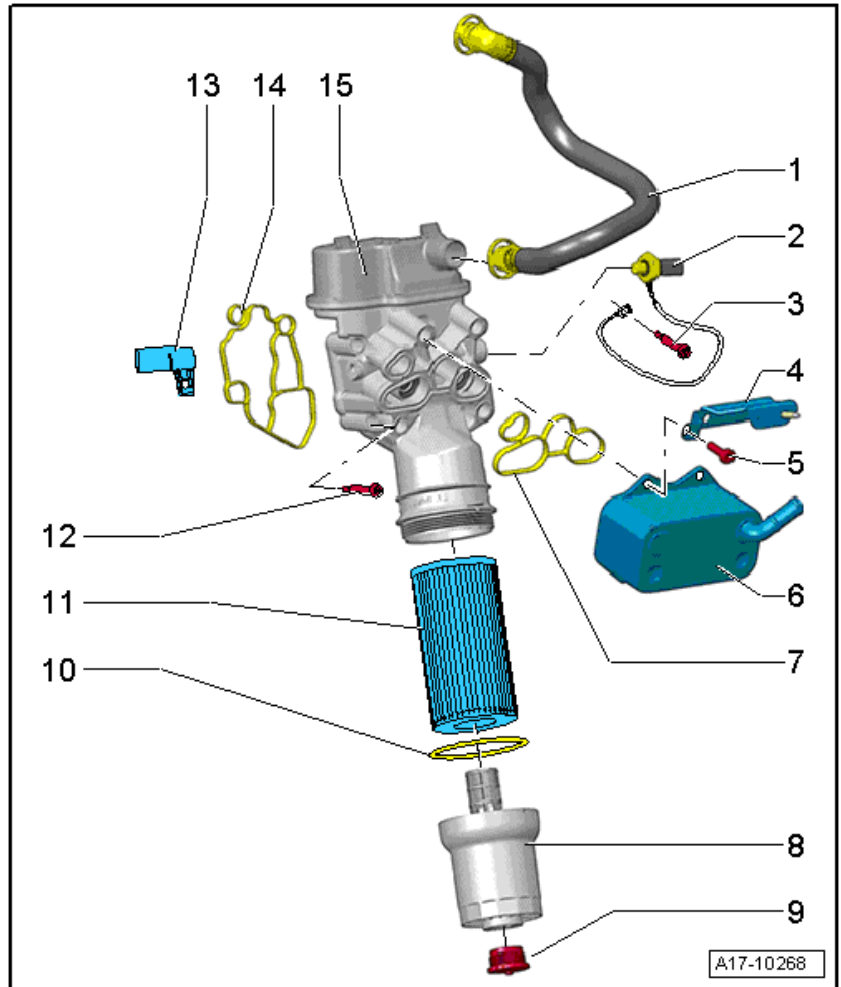
Golf

Component Locations

No. 856 / 28

Oil Filter Adapter Overview

2 - Oil pressure switch -F1-



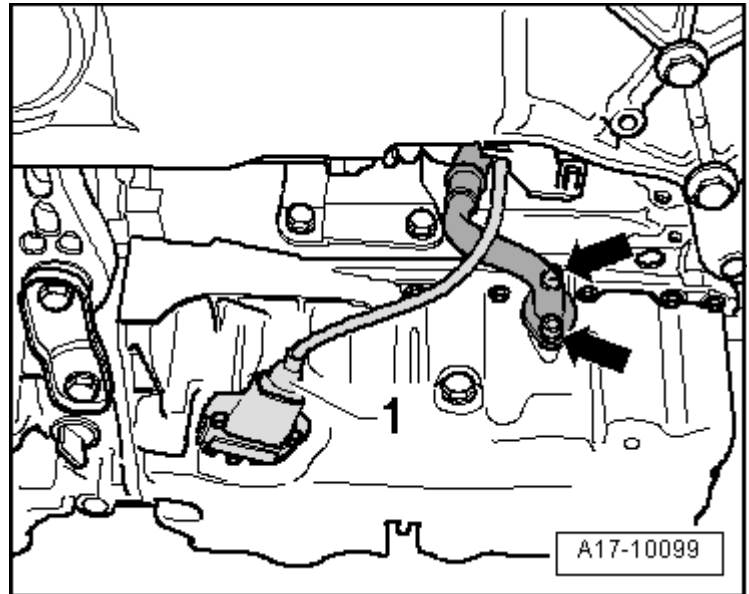
Golf

Component Locations

No. 856 / 29

Oil Pan

1 - Oil level thermal sensor -G266- connector



Golf

Component Locations

No. 856 / 30

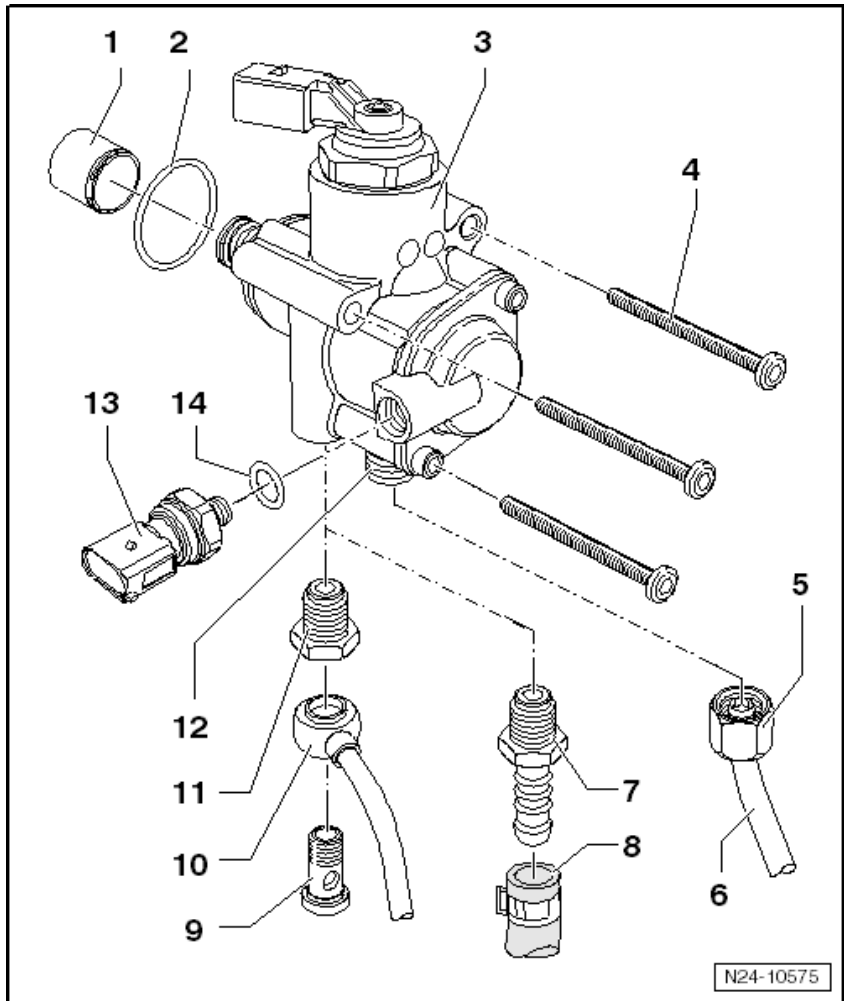
High Pressure Pump Overview

3 - Fuel pressure regulator valve - N276-

N276-

13 - Low fuel pressure sensor - G410-

G410-



Golf

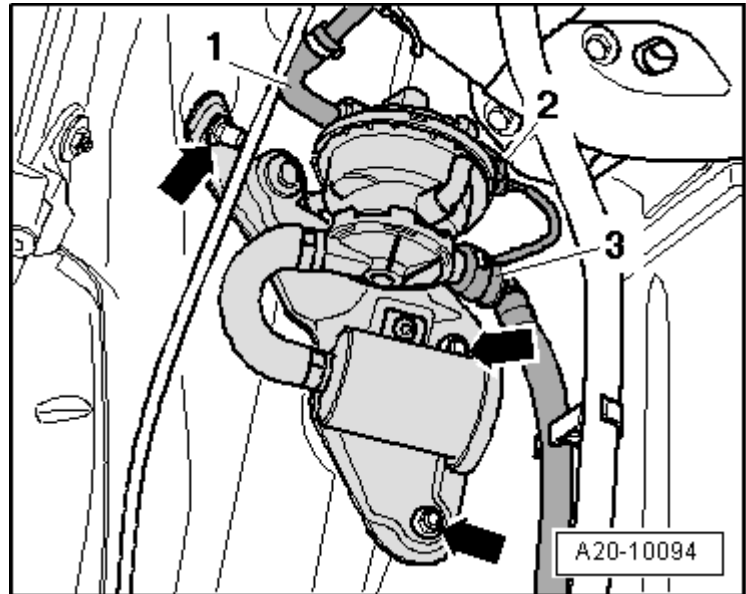
Component Locations

No. 856 / 31

Leak detection pump -V144-

2 - Leak detection pump -V144- connector

- ◆ Located behind the right rear wheel housing liner.



Golf

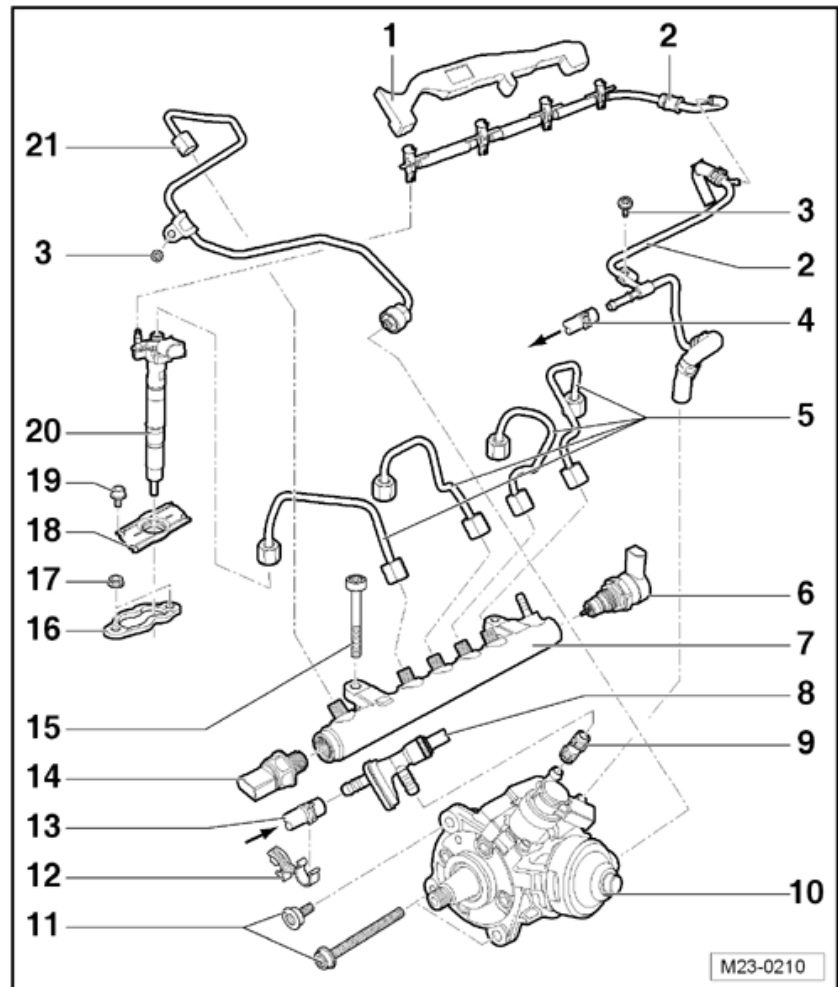
Component Locations

No. 856 / 32

2.0L CJAA TDI

Fuel System Assembly Overview

- 6 - Fuel Pressure Regulator Valve -N276-
- 7 - Rail Element (High Pressure Reservoir)
- 8 - Fuel Temperature Sensor - G81-
- 10 - Fuel High Pressure Pump
→ Chapter
- With Fuel Metering Valve - N290-
- 13 - Fuel Supply Line
 - From Auxiliary Fuel Pump - V393- /Fuel pump 2 -V277-
→ Chapter
- 14 - Fuel Pressure Sensor -G247-
→ Chapter
- 20 - Fuel Injection Unit → Chapter



Golf

Component Locations

No. 856 / 33

Intake Manifold Assembly Overview

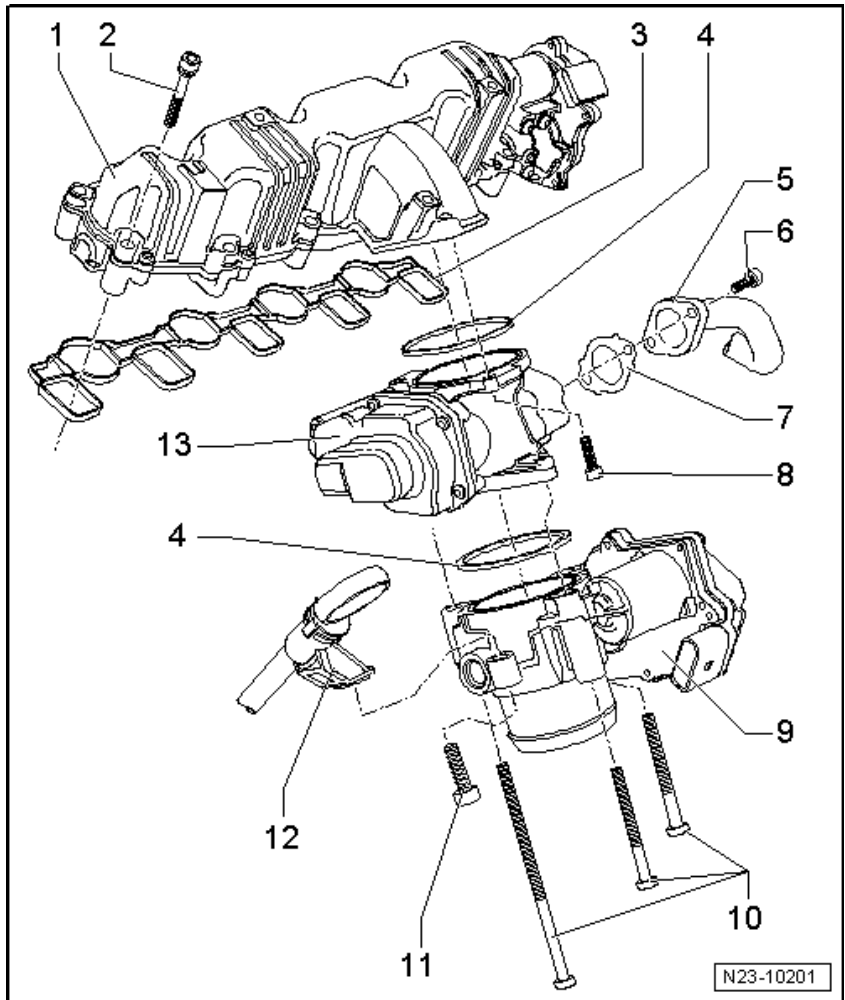
1 - Intake Manifold

- With Intake Flap Motor -V157-

9 - Throttle Valve Control Module -J338-

13 - EGR Vacuum Regulator Solenoid Valve -N18-

- With EGR Potentiometer - G212-

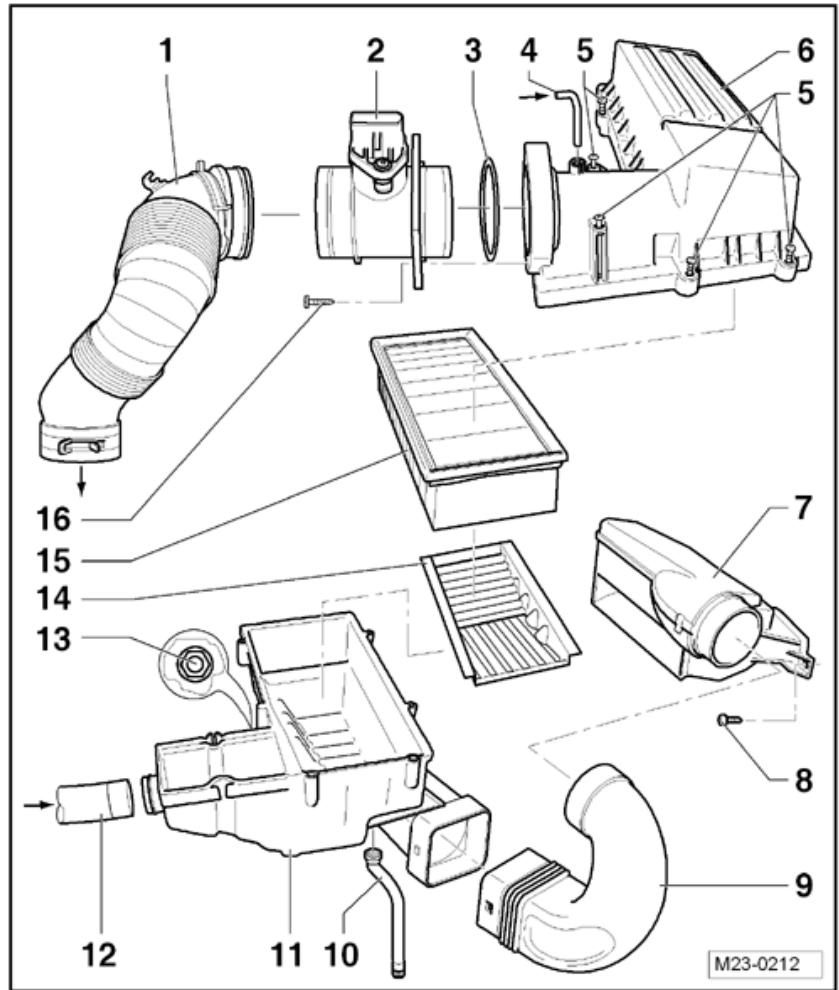


Golf

Component Locations

No. 856 / 34

Air Filter Assembly Overview 2 - Mass Air Flow (MAF) Sensor - G70-



Golf

Component Locations

No. 856 / 35

Turbocharger Assembly Overview

5 - Vacuum Hose → Chapter

- To Wastegate Bypass Regulator Valve -N75-

6 - Vacuum Diaphragm → Chapter

- With Charge Pressure Actuator Position Sensor - G581-
- Unit with turbocharger and exhaust manifold (cannot be replaced separately)

14 - Turbocharger

- Unit with exhaust manifold and vacuum diaphragm (cannot be replaced separately)

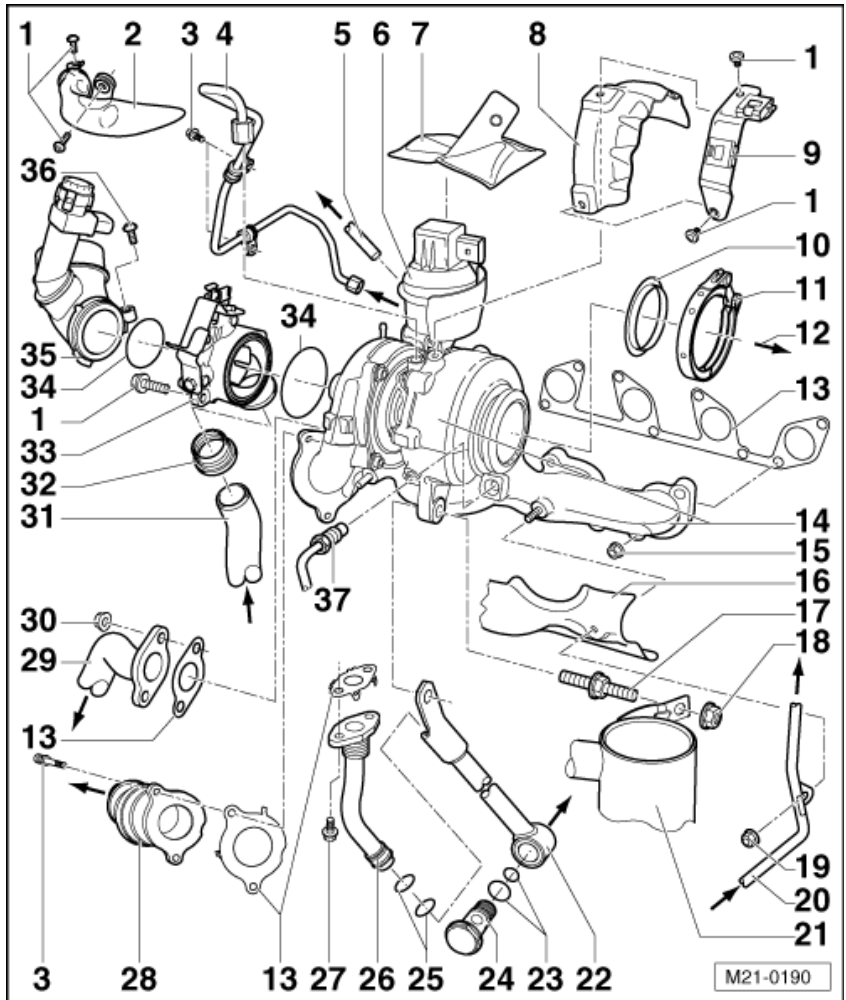
35 - Intake Scoop

- With Positive Crankcase Ventilation (PCV) Heating Element -N79-

37 - Exhaust Gas Temperature (EGT) Sensor 1 -G235-

A - EGR cooler switch-over valve - N345-

- Located on top of EGR valve



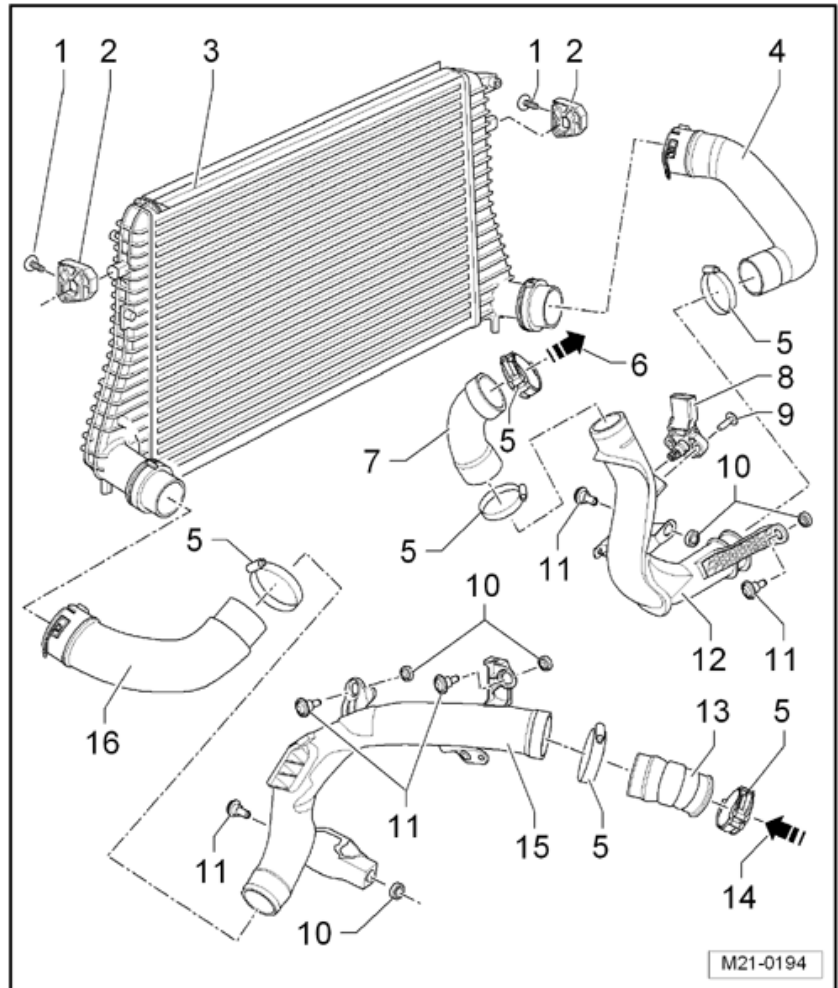
Golf

Component Locations

No. 856 / 36

Charge Air Cooler Components Overview

- 3 - Charge Air Cooler
- 6 - To Throttle Valve Control Module -J338-
- 8 - Charge Air Pressure Sensor - G31-
Integrated with Intake Air Temperature (IAT) Sensor -G42-

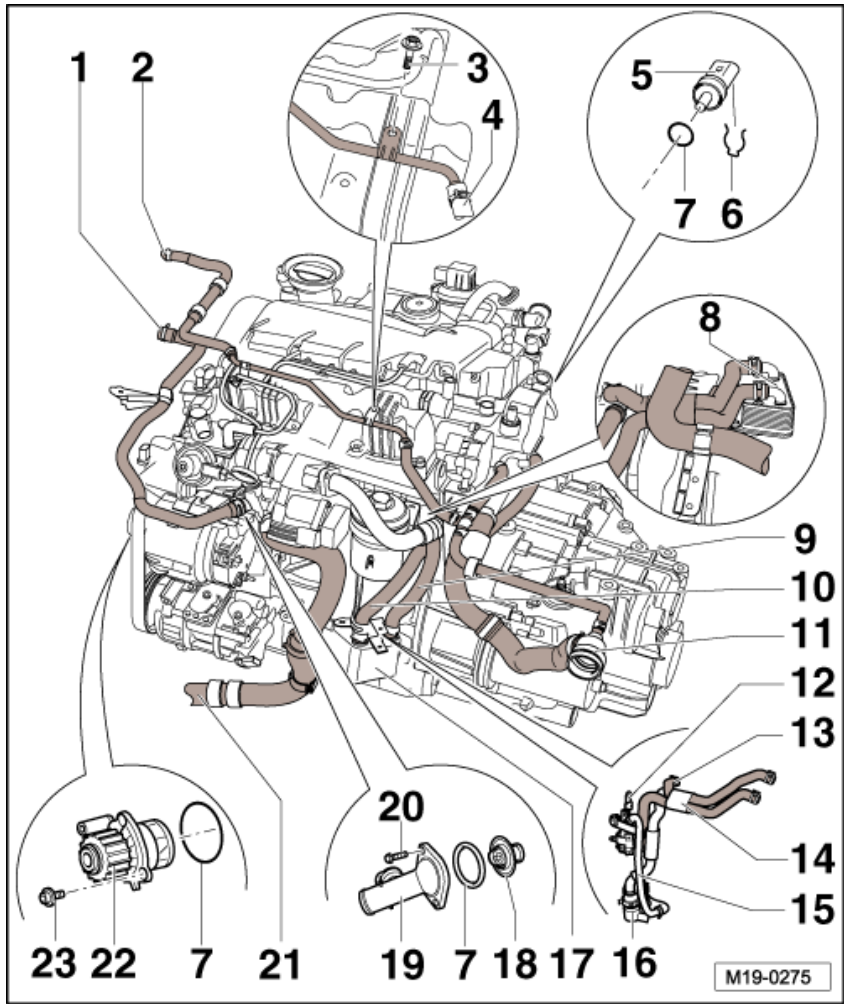


Golf

Component Locations

No. 856 / 37

Cooling System Component Engine Side 5 - Engine Coolant Temperature (ECT) Sensor -G62-

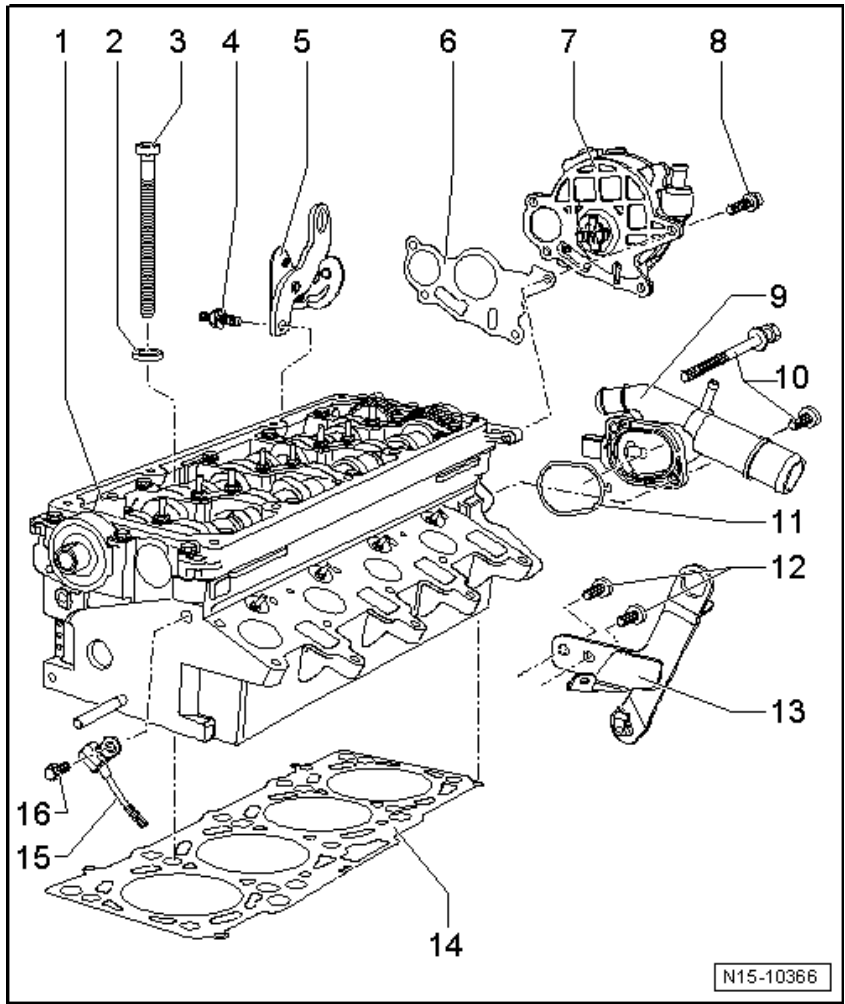


Golf

Component Locations

No. 856 / 38

Cylinder Head Assembly Overview 15 - Camshaft Position (CMP) Sensor -G40-



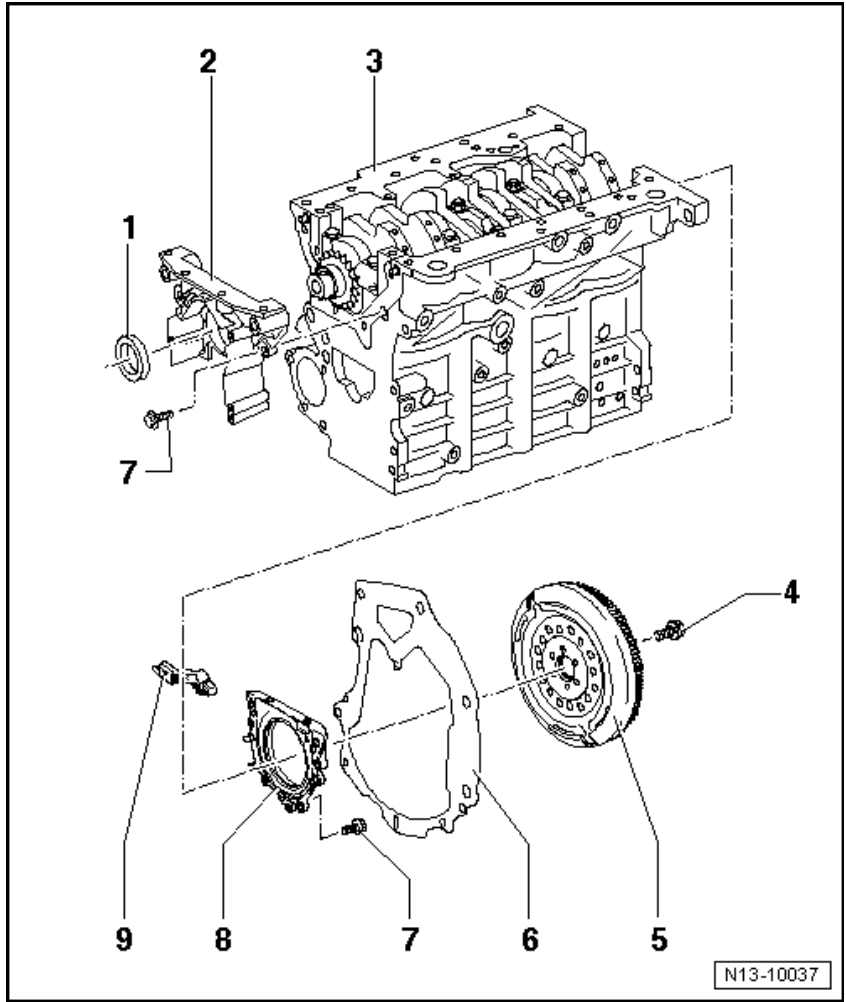
Golf

Component Locations

No. 856 / 39

Flywheel Assembly Overview

9 - Engine Speed (RPM) Sensor - G28-



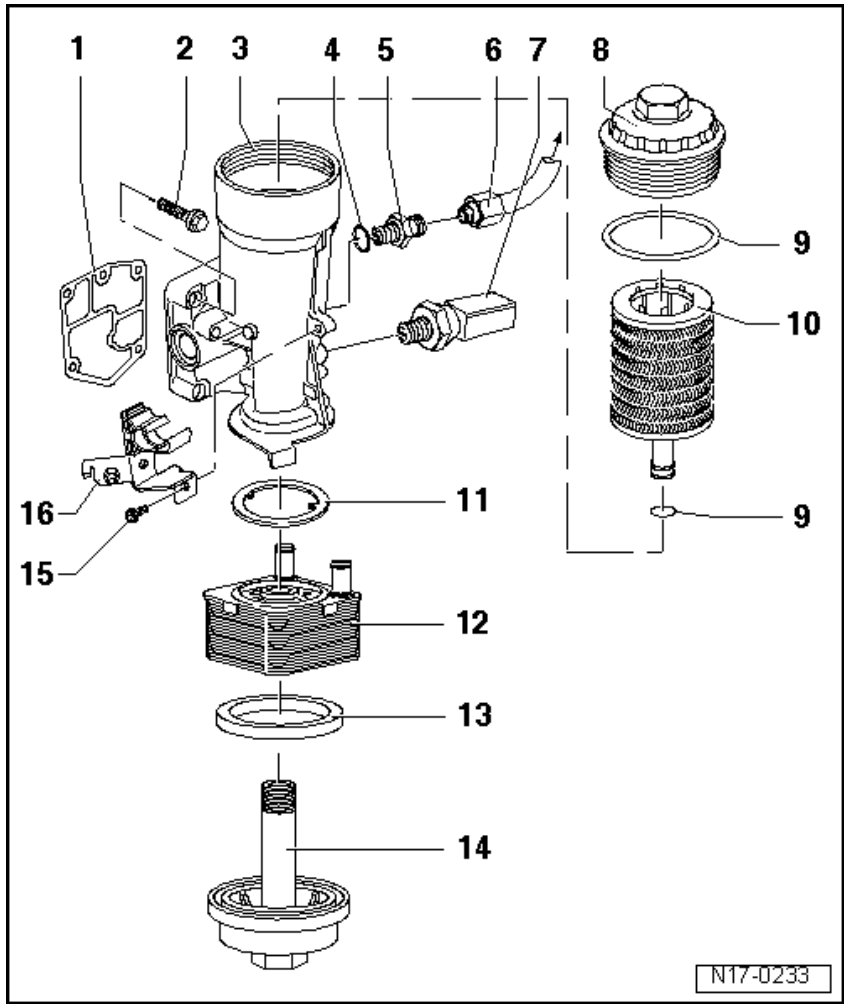
Golf

Component Locations

No. 856 / 40

Oil Filter Bracket and Oil Cooler Assembly Overview

7 - Oil Pressure Switch -F1-

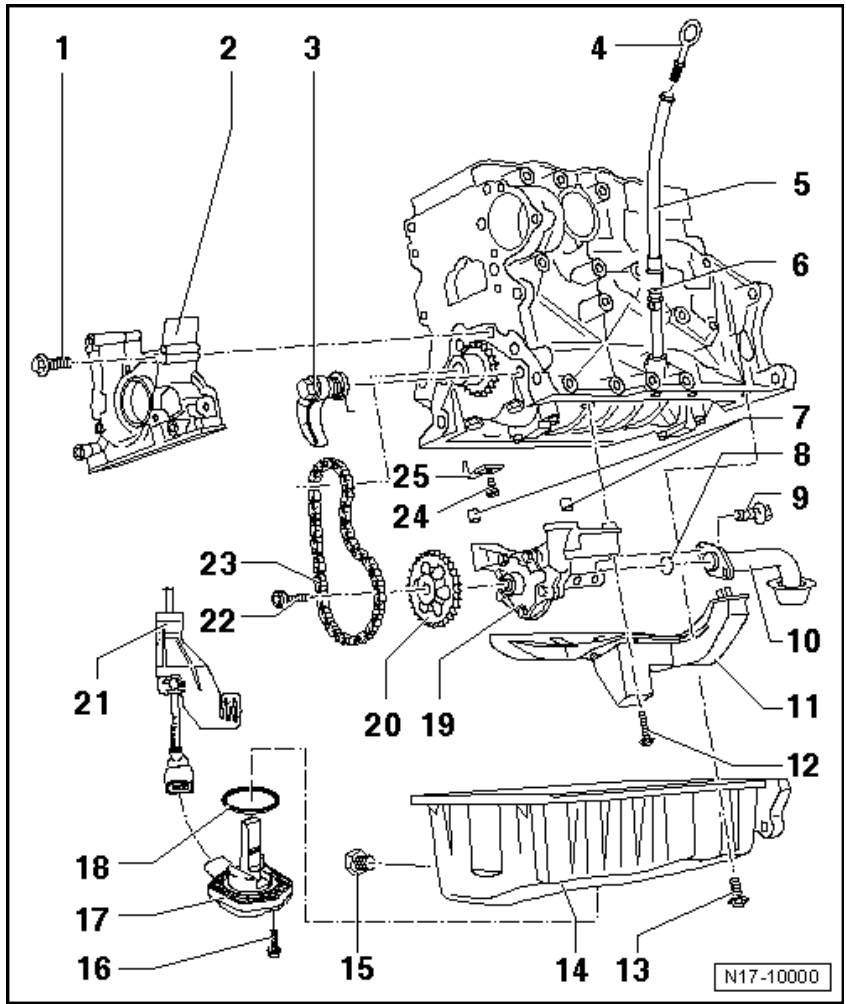


Golf

Component Locations

No. 856 / 41

Oil Pump and Oil Pan Assembly Overview 17 - Oil Level Thermal Sensor - G266-



Golf

Component Locations

No. 856 / 42

Particulate Filter with NOx Absorption Catalytic Converter Overview

1 - Exhaust Pressure Sensor 2 - G451-

- Located near oil filler neck

8 - Heated Oxygen Sensor (HO2S) -G39-

12 - Exhaust Gas Temperature (EGT) Sensor 4 -G648-

15 - To Exhaust Flap Control Module -J883-

16 - Oxygen Sensor (O2S) Behind Three Way Catalytic Converter (TWC) -G130-

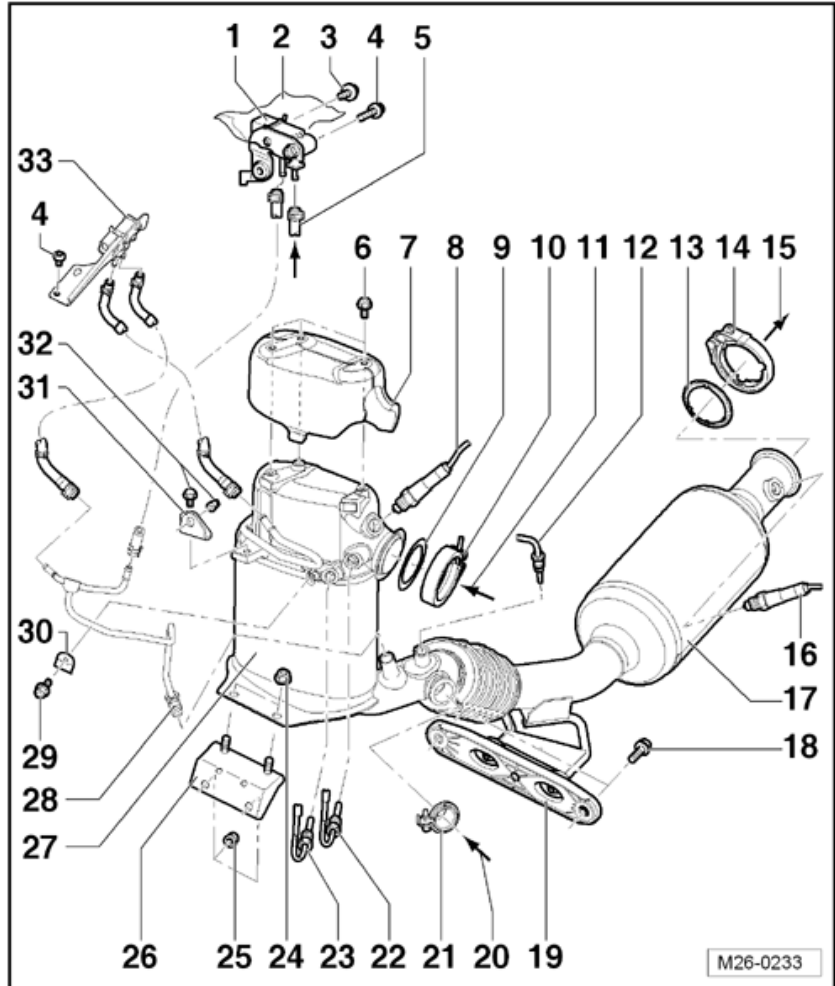
17 - NOx Reduction Catalytic Converter

22 - Exhaust Gas Temperature (EGT) Sensor 2 -G448-

23 - Exhaust Gas Temperature (EGT) Sensor 3 -G495-

33 - Exhaust Pressure Sensor 1 - G450- /Differential pressure sensor -G505-

- Bolted to auxiliary fuel pump - V393 - bracket



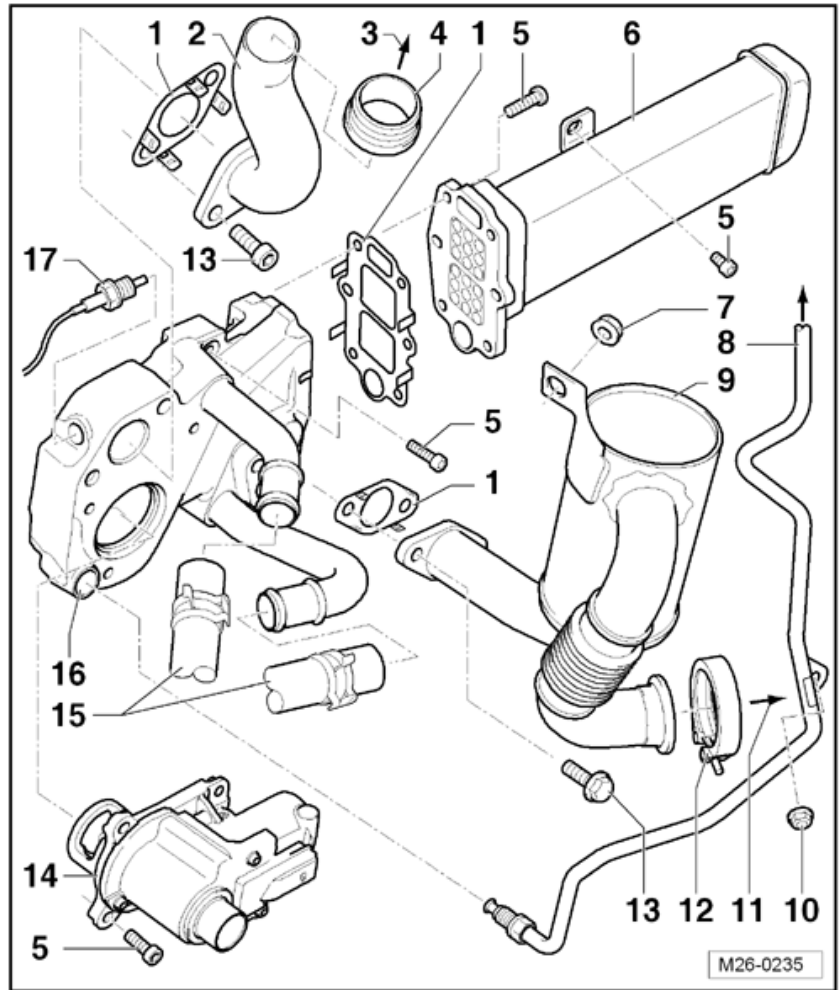
Golf

Component Locations

No. 856 / 43

Exhaust Gas Recirculation System Overview

- 14 - EGR Valve 2 -N213-
- 17 - EGR Temperature Sensor - G98-



Golf

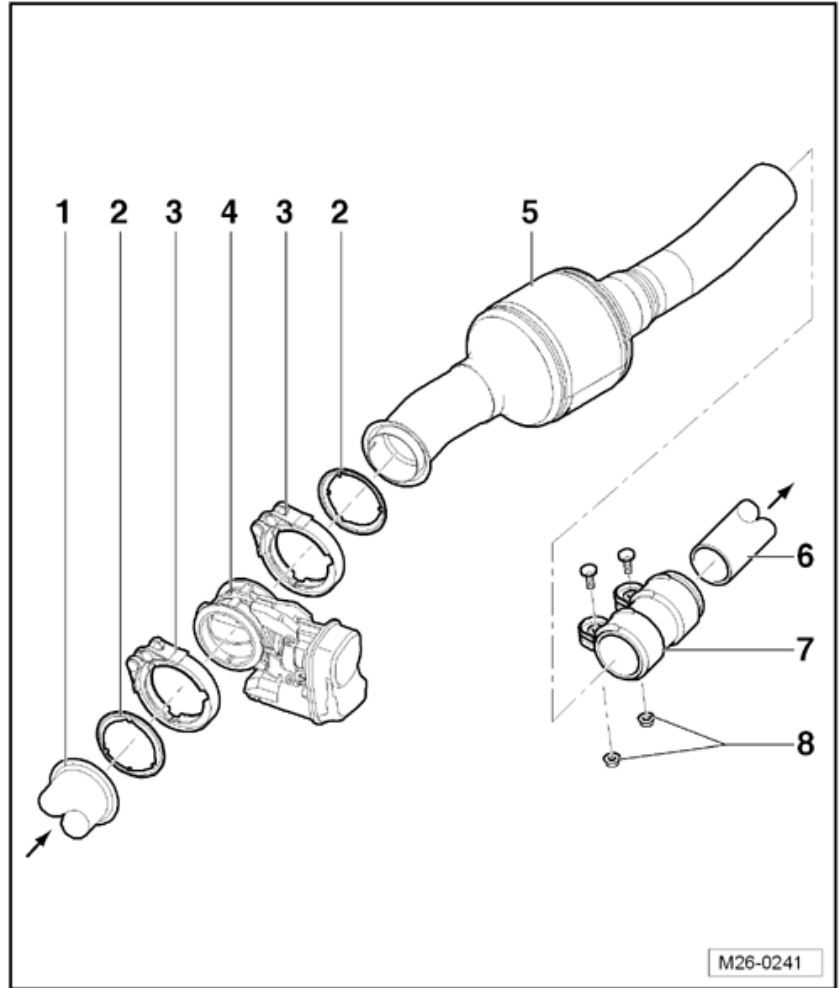
Component Locations

No. 856 / 44

Exhaust Flap Control Module Overview

4 - Exhaust Flap Control Module - J883-

5 - Reduction Catalytic Converter



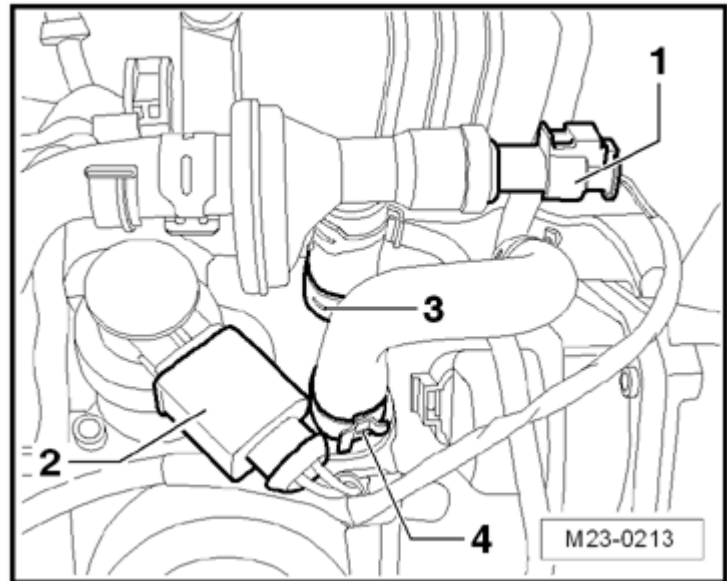
Golf

Component Locations

No. 856 / 45

Fuel High Pressure Pump

- 1 - Fuel Temperature Sensor -G81-
- 2 - Fuel Metering Valve -N290- on the high pressure fuel pump



Golf

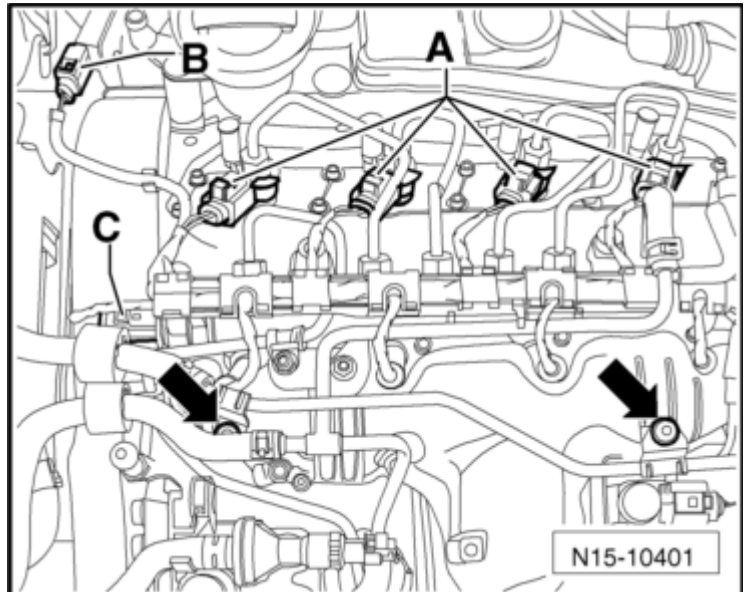
Component Locations

No. 856 / 46

Fuel Pressure Sensor and Fuel Injector

A - Cylinder 1 through 4 fuel injector

- Cylinder 1 Fuel Injector -N30-
- Cylinder 2 Fuel Injector -N31-
- Cylinder 3 Fuel Injector -N32-
- Cylinder 4 Fuel Injector -N33-
- C - Fuel Pressure Sensor -G247-



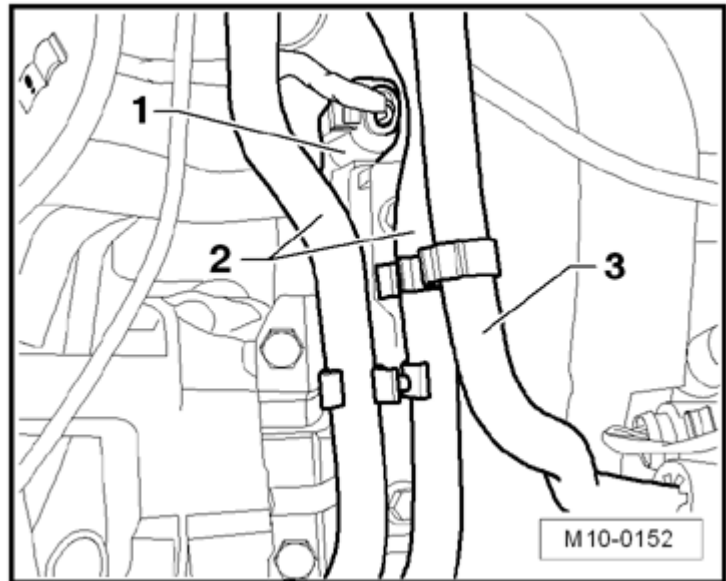
Golf

Component Locations

No. 856 / 47

Auxiliary Fuel Pump

- 1 - Auxiliary Fuel Pump -V393- /Fuel pump 2
- V277- connector



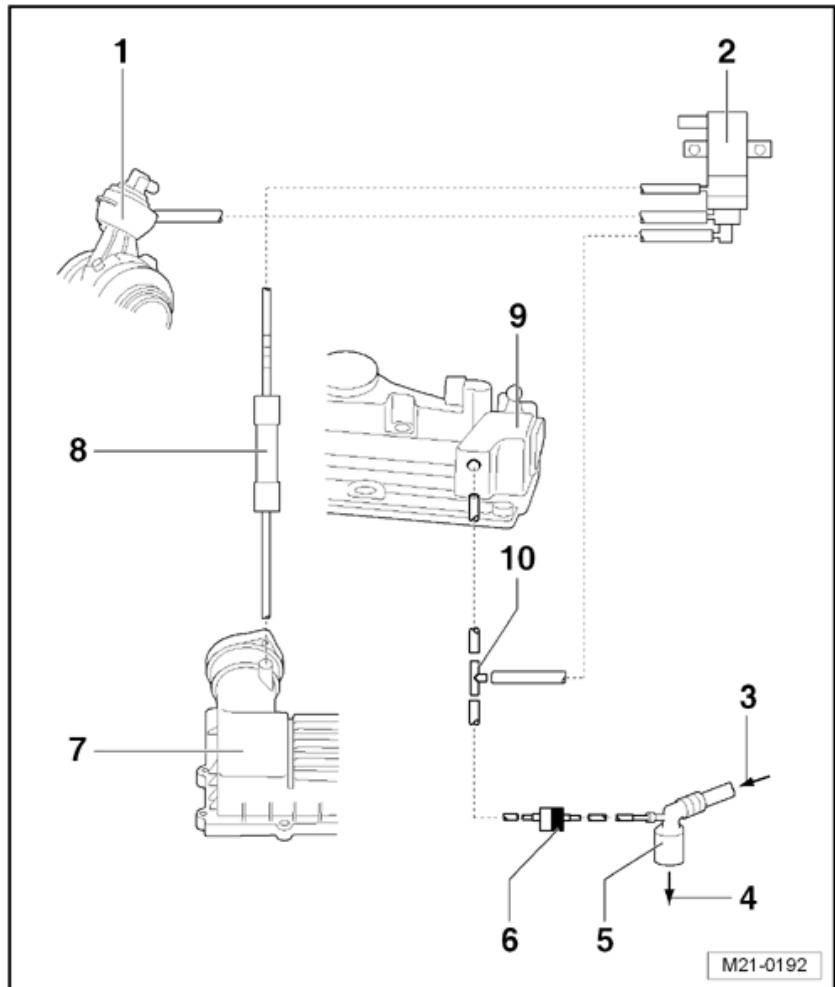
Golf

Component Locations

No. 856 / 48

Vacuum Hose**1 - Vacuum Diaphragm****Integrated with Charge
Pressure Actuator Position
Sensor -G581-**

□ Located at the turbocharger

**2 - Wastegate Bypass Regulator
Valve -N75-**

Golf

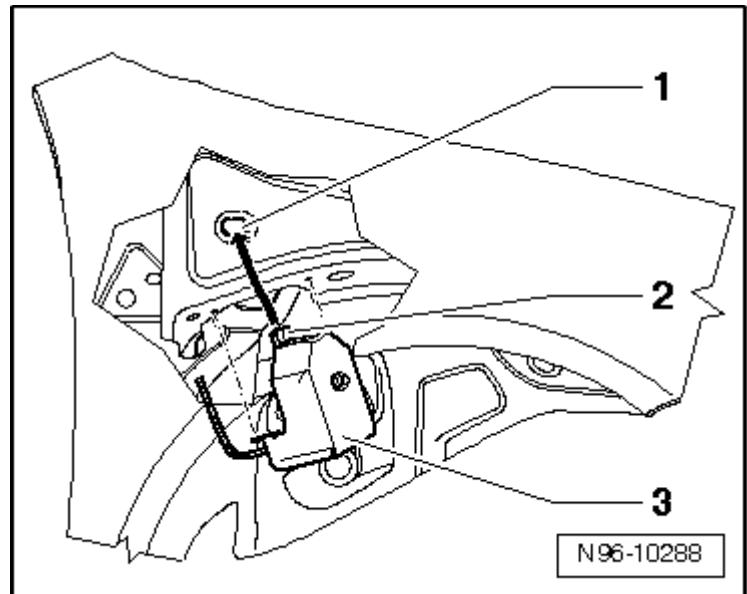
Component Locations

No. 856 / 49

Alarm Horn

3 - Alarm Horn -H12-

- Located at the right on the A-pillar in the fender



Golf

Component Locations

No. 856 / 50

2.5L CBTA and CBUA

Component A - B are not shown in the overview

A - Oil Level Thermal Sensor - G266-

- Located at the bottom of oil pan

B - Clutch Position Sensor -G476-

- Only for vehicles with a manual transmission
- Located on the clutch master cylinder

1 - Fuel Injector -N30-, -N31-, -N32-, -N33- and -N83--

→ Chapter

2 - Camshaft Position (CMP) Sensor -G40-

3 - 81 pin electrical connector
4 - Motronic Engine Control Module (ECM) -J220-

- Located in the plenum chamber

5 - 40 pin electrical connector

6 - Secondary Air Injection (AIR) Solenoid Valve -N112-

→ Chapter

- For the AIR system

7 - Engine Coolant Temperature (ECT) Sensor -G62-

8 - Evaporative Emission (EVAP) Canister Purge Regulator Valve 1 -N80- → Chapter

9 - Ignition coil with power output stage -N70-, -N127, -N291-, -N292- and -N293- → Chapter

10 - Mass Air Flow (MAF) Sensor - G70- with Intake Air Temperature (IAT) Sensor - G42-

- From Model Year (MY) 2009, the Mass Air Flow (MAF) sensor has been deleted and the Intake Air Temperature (IAT) sensor is integrated with the intake manifold pressure sensor on the intake manifold

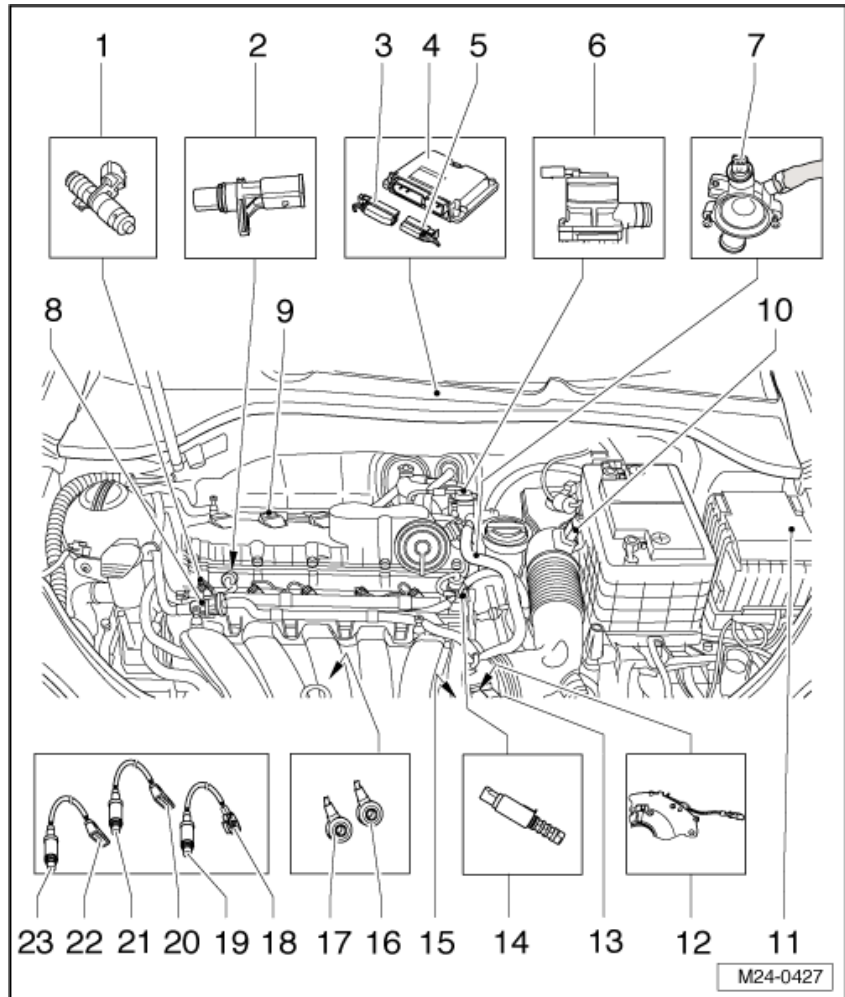
11 - E-box in the engine compartment, on the left side

12 - Engine Speed (RPM) Sensor -G28-

- Secured to the control housing cover

13 - Throttle Valve Control Module -J338- → Chapter

- With throttle valve control module throttle drive (for electronic power control), throttle drive angle sensor 1 (for electronic power control) and throttle drive angle sensor 2 (for electronic power control)



Golf

Component Locations

No. 856 / 51

2.5L CBTA and CBUA continued

14 - Camshaft Adjustment Valve 1 - N205-

15 - Secondary Air Injection (AIR) Pump Motor -V101- → Chapter

16 - Knock Sensor 1 -G61- → Fig.

17 - Knock Sensor 2 -G66- → Fig.

18 - Connector 6-pin

- ❑ Located on the left side of the bulkhead
- ❑ For the Heated Oxygen Sensor (HO2S) before the catalytic converter and the Oxygen Sensor (O2S) heater

19 - Heated Oxygen Sensor (HO2S) -G39- → Chapter

- ❑ Located in the exhaust manifold

20 - 4 pin electrical connector

- ❑ Engine codes BGQ and CBUA only
- ❑ For the Oxygen Sensor (O2S) - center Three Way Catalytic Converter (TWC), Bank 1 and the O2S heater - center TWC

21 - Oxygen Sensor (O2S (in Center Three Way Catalytic Converter (TWC), Bank 1 - G465- → Chapter

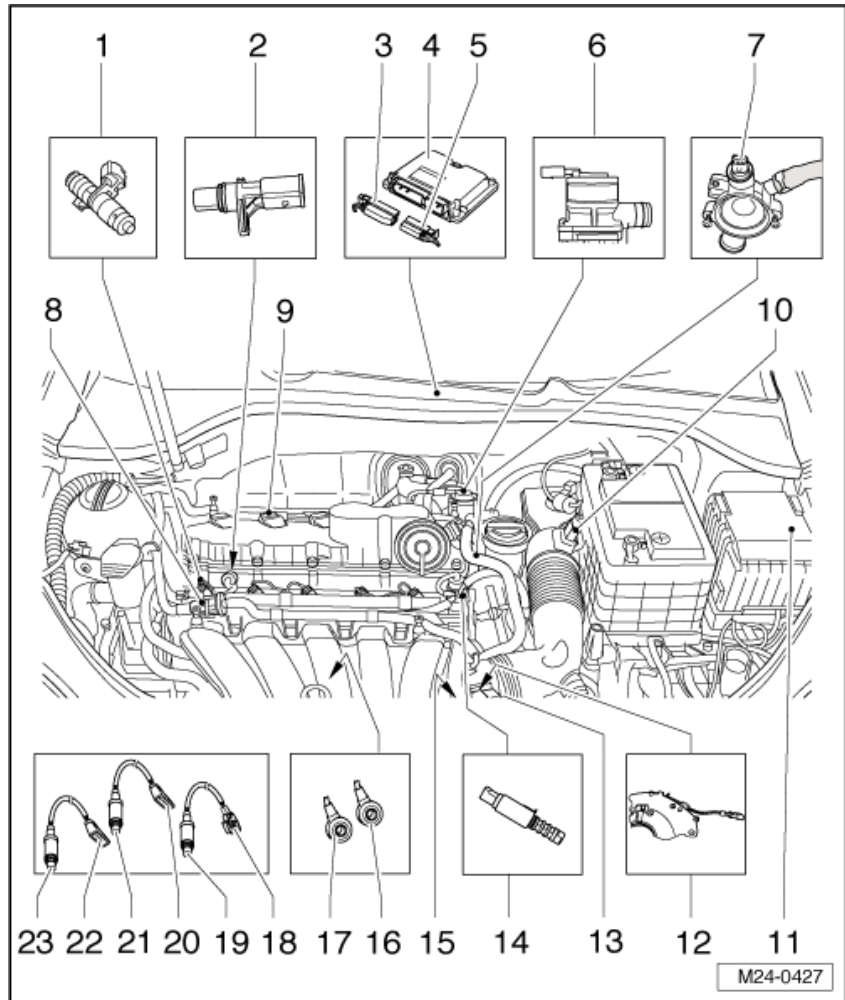
- ❑ Located in the center catalytic converter
- ❑ Engine codes BGQ and CBUA only

22 - 4 pin electrical connector

- ❑ For the O2S behind TWC and the O2S heater 1 behind TWC

23 - Oxygen Sensor (O2S) Behind Three Way Catalytic Converter (TWC) -G130- → Chapter

- ❑ Located in the rear catalytic converter



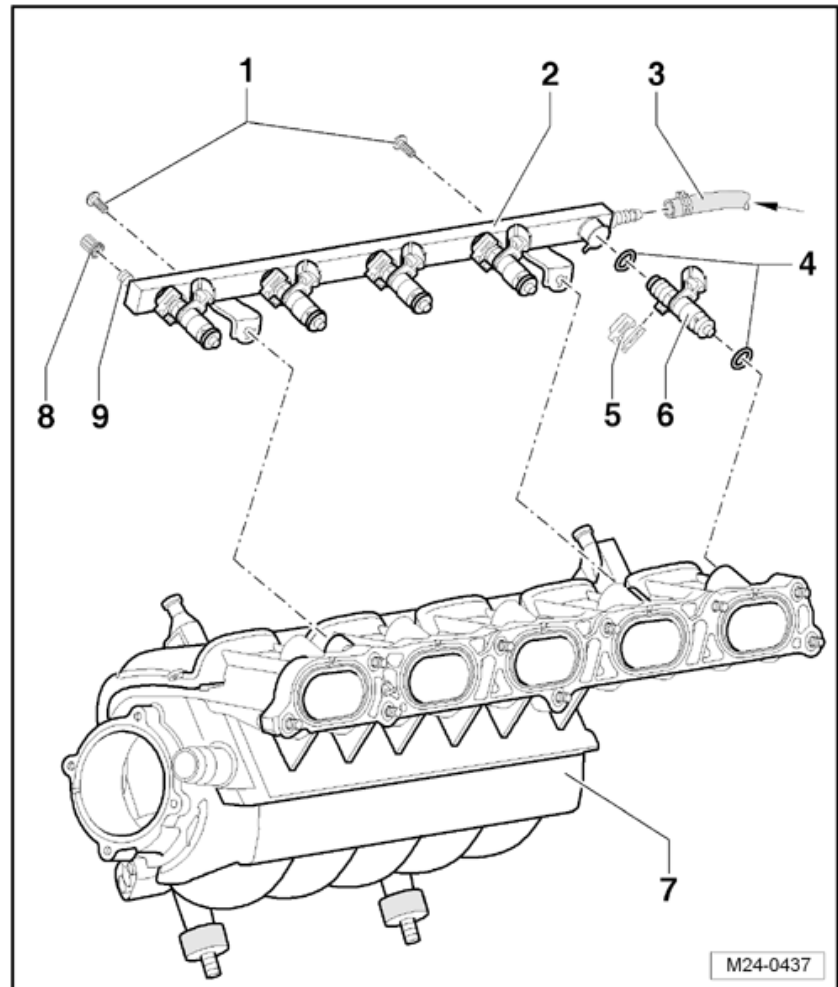
Golf

Component Locations

No. 856 / 52

Fuel Rail and Injectors Assembly Overview**2 - Fuel rail****6 - Fuel injector**

- ◆ Cylinder 1 Fuel Injector -N30-
- ◆ Cylinder 2 Fuel Injector -N31-
- ◆ Cylinder 3 Fuel Injector -N32-
- ◆ Cylinder 4 Fuel Injector -N33-
- ◆ Cylinder 5 Fuel Injector -N83-

7 - Intake manifold

M24-0437

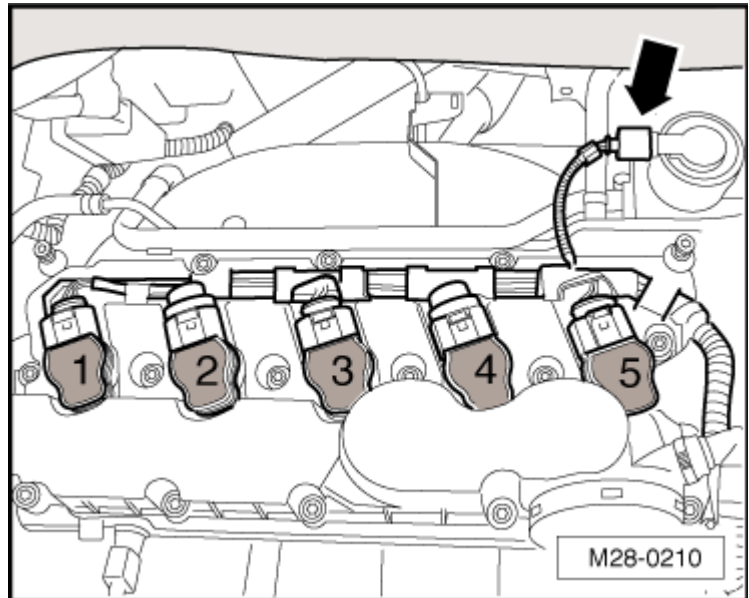
Golf

Component Locations

No. 856 / 53

Ignition coil with power output stage

- ◆ Ignition Coil 1 with Power Output Stage -N70-
- ◆ Ignition Coil 2 with Power Output Stage -N127-
- ◆ Ignition Coil 3 with Power Output Stage -N291-
- ◆ Ignition Coil 4 with Power Output Stage -N292-
- ◆ Ignition Coil 5 with Power Output Stage -N323-



Golf

Component Locations

No. 856 / 54

Intake Manifold

**3 - Evaporative Emission (EVAP)
Canister Purge Regulator
Valve 1 -N80-**

9 - Intake manifold

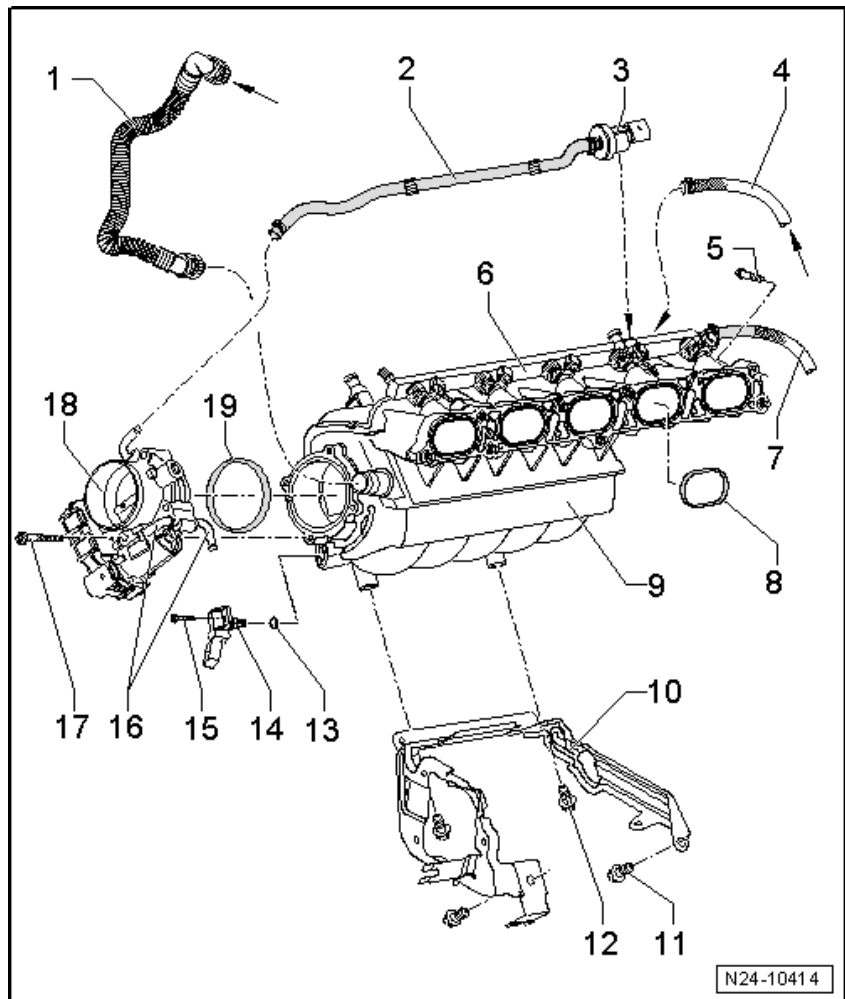
**14 - Manifold Absolute Pressure
(MAP) Sensor -G71-**

- From Model Year (MY) 2009
with integrated with the Intake
Air Temperature (IAT) sensor

**18 - Throttle Valve Control
Module -J338-**

The Throttle Valve Control
Module -J338- is integrated with
the following:

- ◆ Throttle Position (TP) Sensor -
G69-
- ◆ Throttle Drive (for Electronic
Power Control (EPC)) -G186-
- ◆ Throttle Drive Angle Sensor 1
(for Electronic Power Control
(EPC) -G187-
- ◆ Throttle Drive Angle Sensor 2
(for Electronic Power Control
(EPC) -G188-



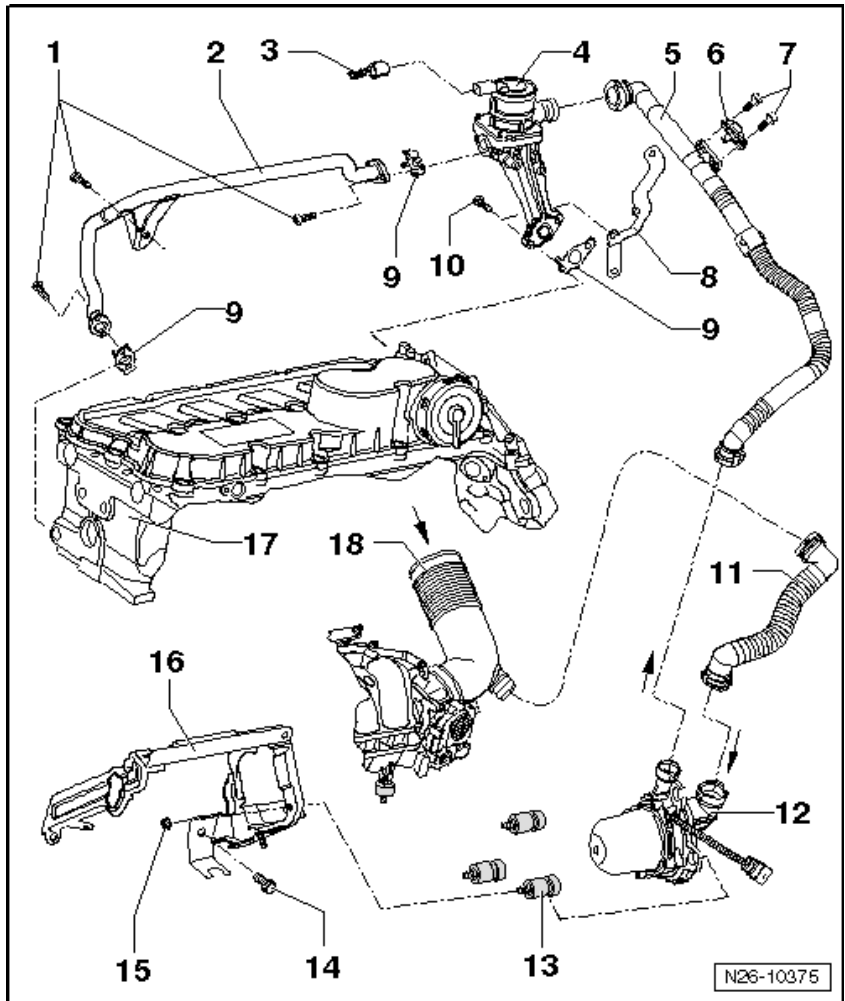
Golf

Component Locations

No. 856 / 55

Secondary Air Injection System

- 4 - Secondary Air Injection (AIR) Solenoid Valve -N112-
- 6 - Secondary Air Injection Sensor 1 -G609-
- 12 - Secondary Air Injection (AIR) Pump Motor -V101-



Golf

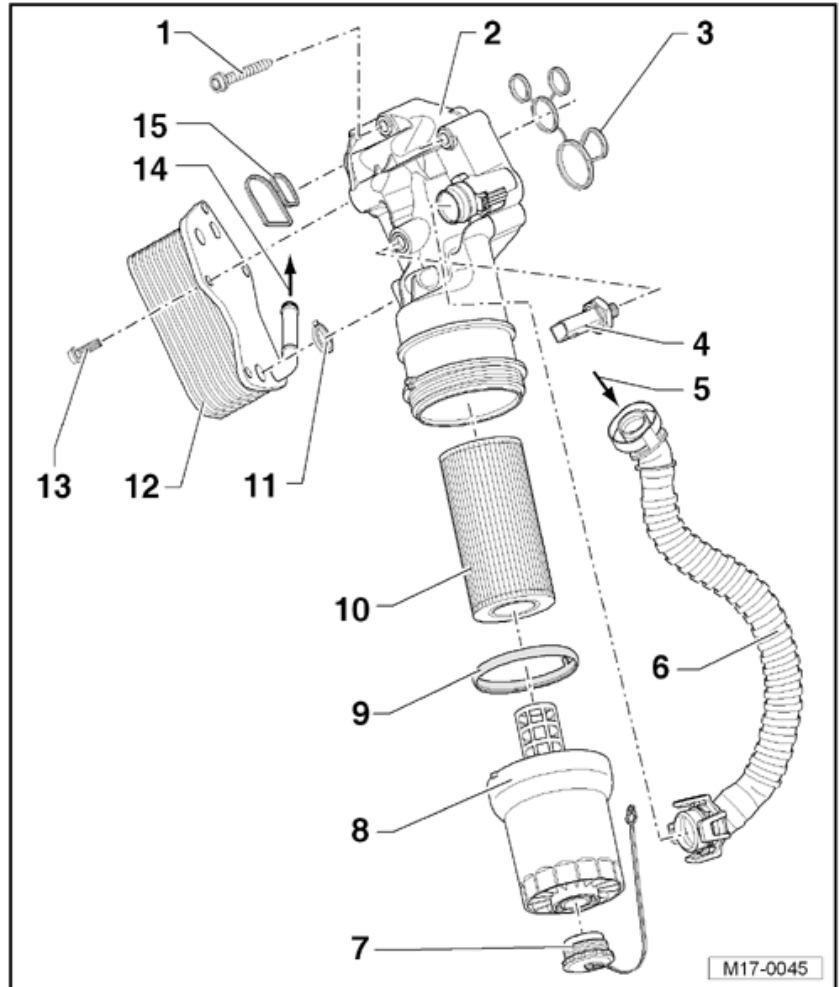
Component Locations

No. 856 / 56

Oil Pressure Switch

2 - Oil filter bracket

4 - Oil Pressure Switch -F1-



Golf

Component Locations

No. 856 / 57

EVAP System Assembly Overview**6 - EVAP canister**

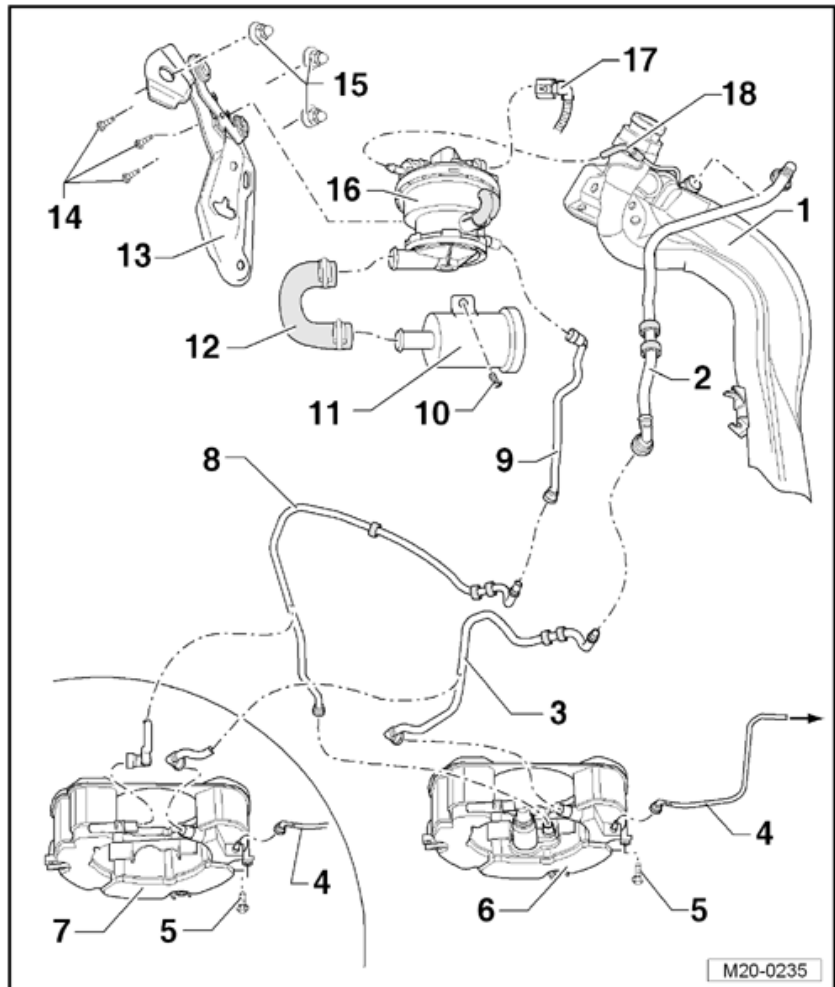
- Engine code CBUA
- Located at the bottom of the spare tire well

7 - EVAP canister

- Engine code CBTA
- Located at the bottom of the spare tire well

16 - Leak Detection Pump (LDP) - V144-

- Located under the wheel housing liner in the right rear wheel housing



Golf

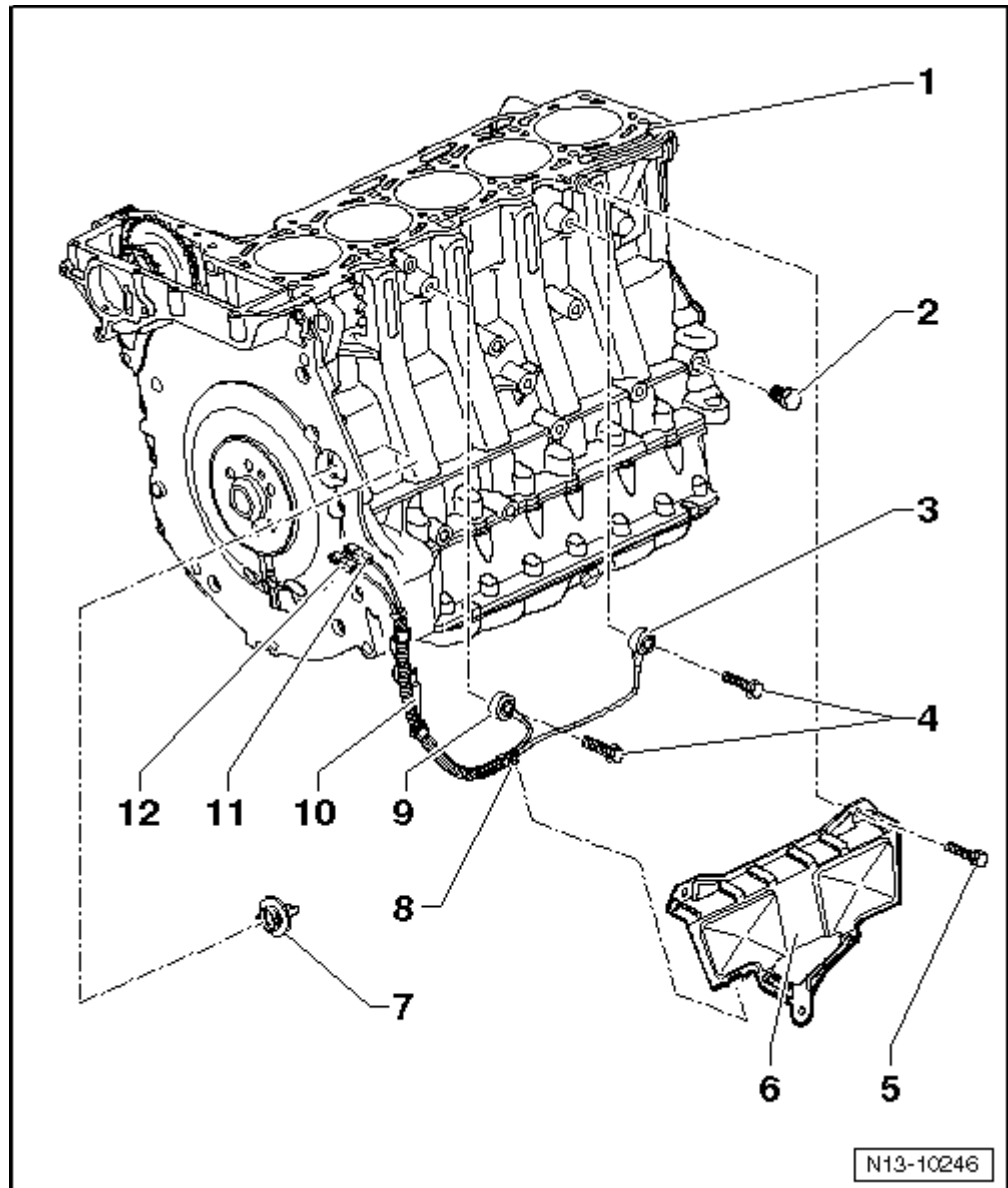
Component Locations

No. 856 / 58

Knock Sensors

The knock sensors are located on the back side of the engine block

- 3 - Knock sensor 1 - G61-
- 9 - Knock sensor 2 - G66-



Golf

Component Locations

No. 856 / 59

Exhaust System Overview

- ◆ 2.0L CCTA / CBFA → Chapter
- ◆ 2.0L CRZA → Chapter
- ◆ 2.0L CJAA TDI → Chapter
- ◆ 2.5L CBTA / CBUA → Chapter

2.0L CCTA / CBFA

**1 - Heated Oxygen Sensor (HO2S)
-G39-**

Integrated with Oxygen Sensor (O2S) Heater -Z19- - on some options

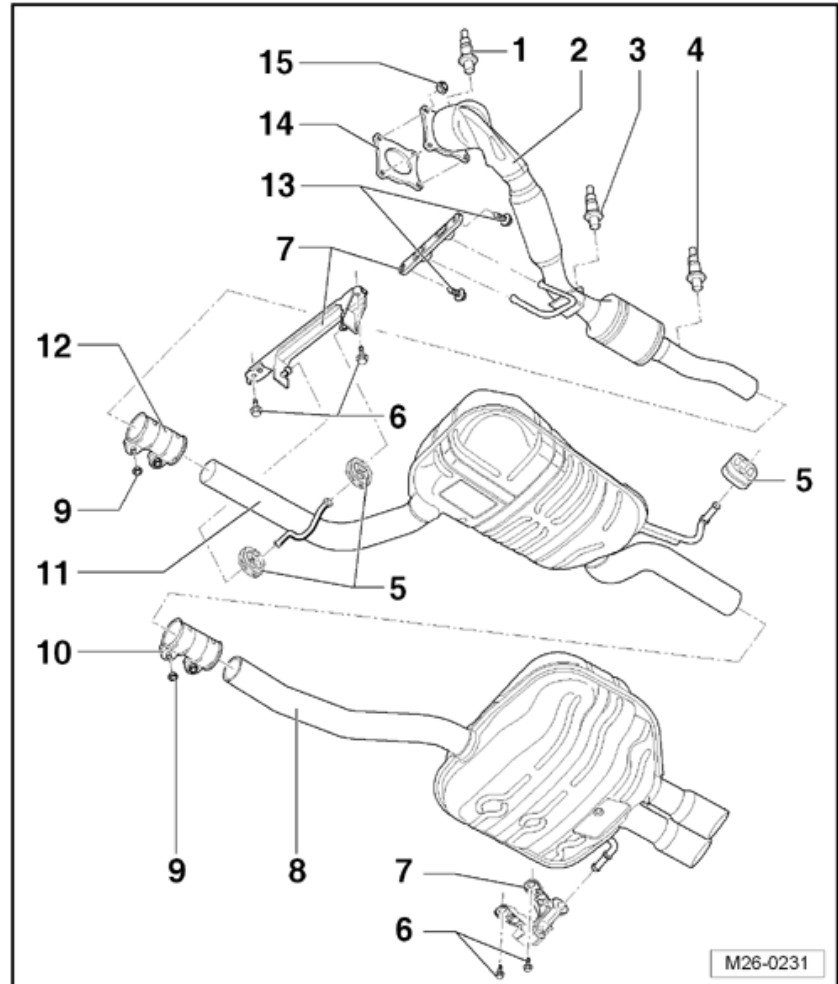
- Bank 1 sensor 1
- 2.0L CJAA TDI location → Item
- 2.5L CBTA and CBUA location → Item

**3 - Heated Oxygen Sensor (HO2S)
2 -G108-**

- With engine code CBFA
- Bank 1 sensor 2

**4 - Oxygen Sensor (O2S) Behind
Three Way Catalytic Converter
(TWC) -G130-**

- Bank 1 sensor 3
- 2.0L CJAA TDI location → Item
- 2.5L CBTA and CBUA location → Item



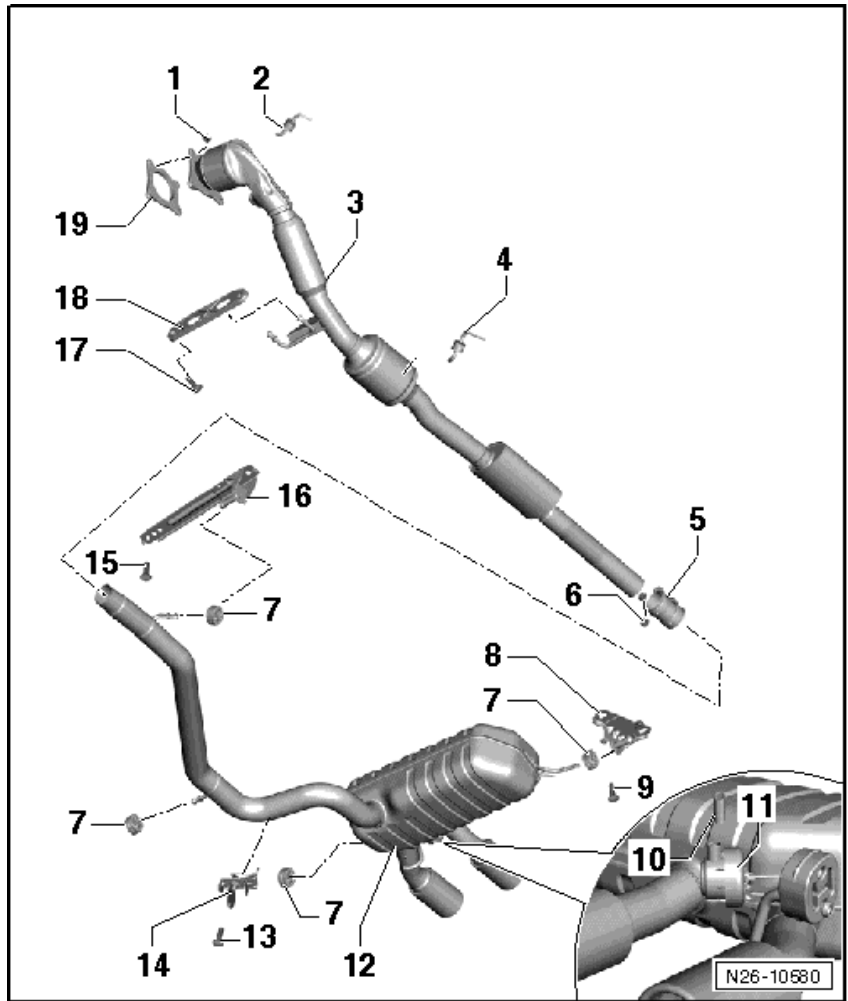
Golf

Component Locations

No. 856 / 60

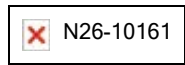
2.0L CRZA

- 2 - Heated oxygen sensor -G39-
- 4 - Oxygen sensor after three way catalytic converter -G130-



5 - Exhaust door valve 1 -N321-

Located in the left rear wheel arch.



Golf

Component Locations

No. 856 / 61

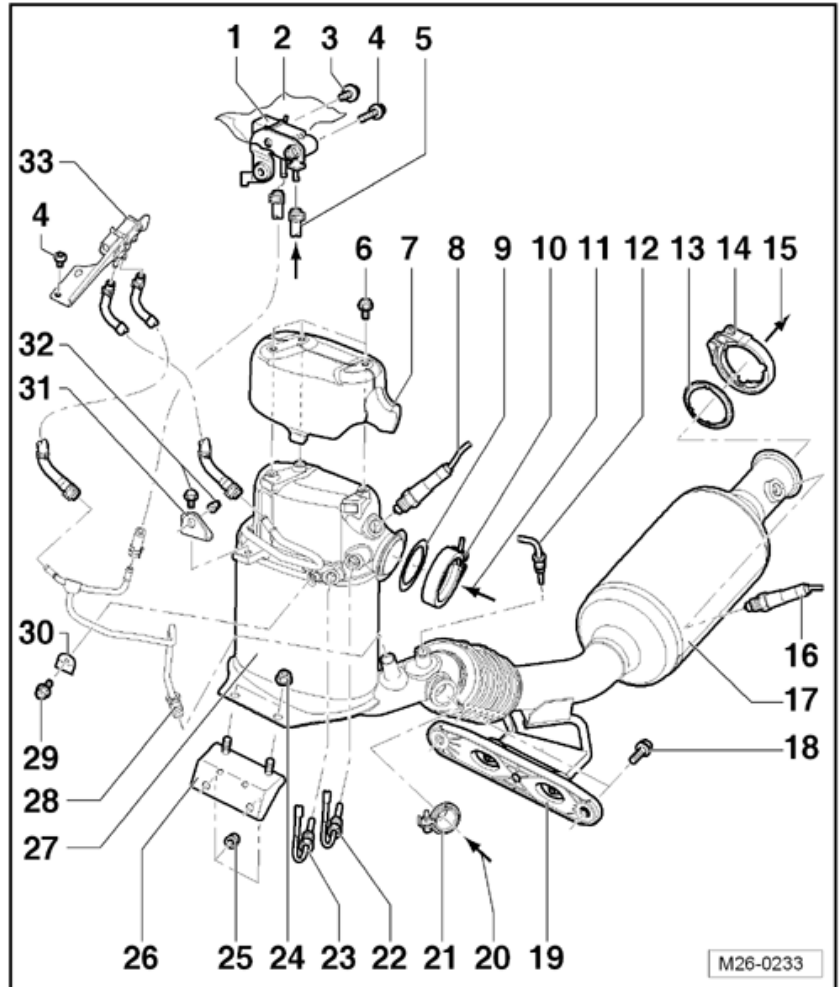
2.0L CJAA TDI

8 - Heated Oxygen Sensor (HO2S) -G39-

- 2.0L CJAA TDI shown
- 2.5L CBTA and CBUA location → Item

16 - Oxygen Sensor (O2S) Behind Three Way Catalytic Converter (TWC) -G130-

- 2.0L CJAA TDI shown
- 2.5L CBTA and CBUA location → Item



Golf

Component Locations

No. 856 / 62

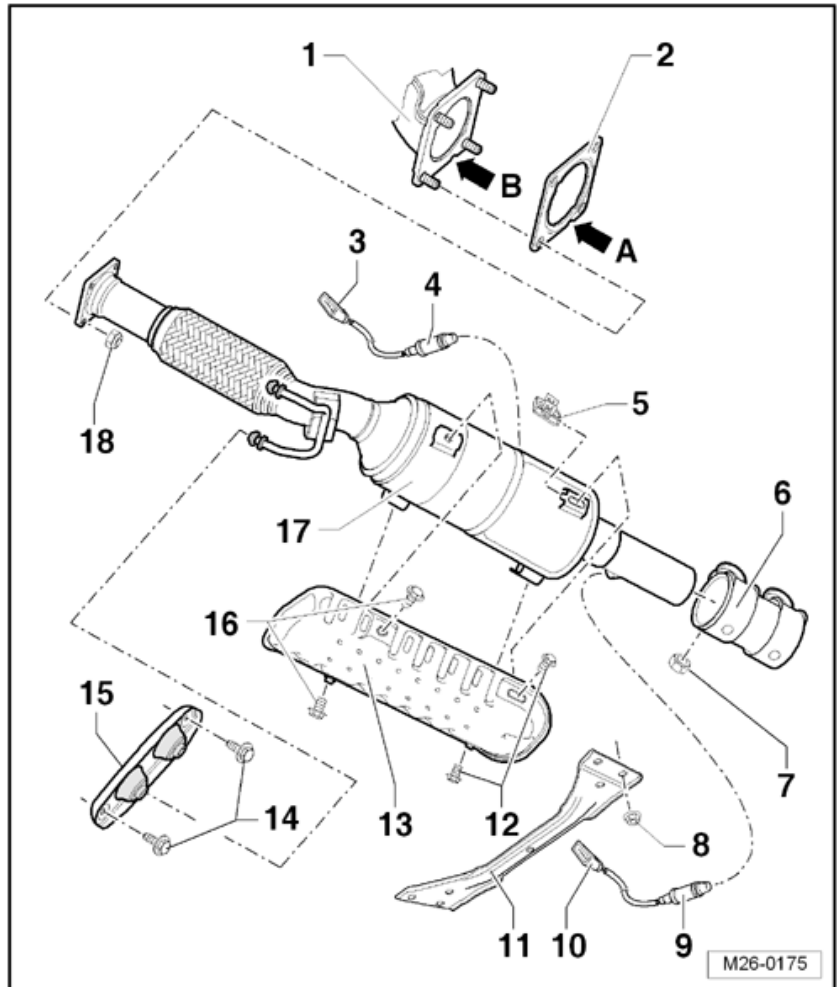
2.5L CBTA / CBUA**2.5L CBTA / CBUA**

4 - Oxygen Sensor (O2S) (in Center Three Way Catalytic Converter (TWC), Bank 1 - G465-

□ 2.5L CBUA shown

9 - Oxygen Sensor (O2S) Behind Three Way Catalytic Converter (TWC) -G130-

□ 2.5L CBUA shown



Golf

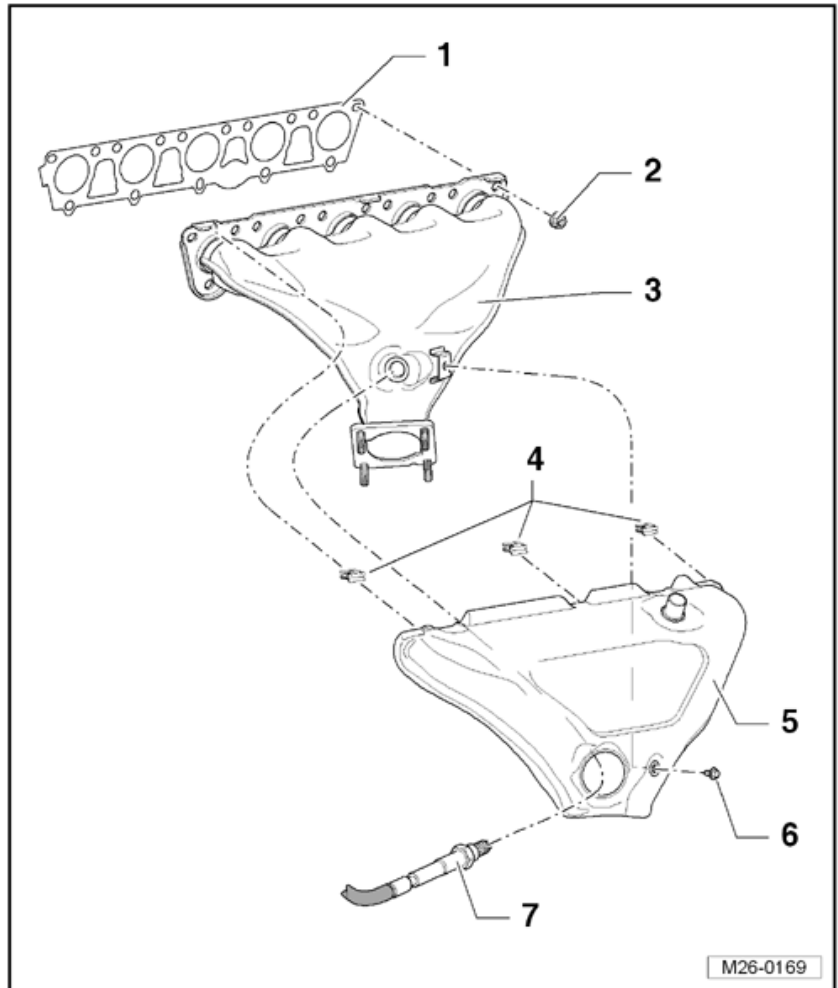
Component Locations

No. 856 / 63

2.5L CBTA / CBUA continued

7 - Heated Oxygen Sensor (HO2S) -G39-

- 2.5L CBUA shown



Golf

Component Locations

No. 856 / 64

Cooling System Components Overview

- ◆ 2.0L CCTA / CBFA and 2.5L CBTA / CBUA → Chapter
- ◆ 2.0L CRZA → Chapter
- ◆ 2.0L CJAA TDI → Chapter
- ◆ After-Run Coolant Pump → Chapter

2.0L CCTA / CBFA and 2.5L CBTA / CBUA**1 - Radiator fan -V7-**

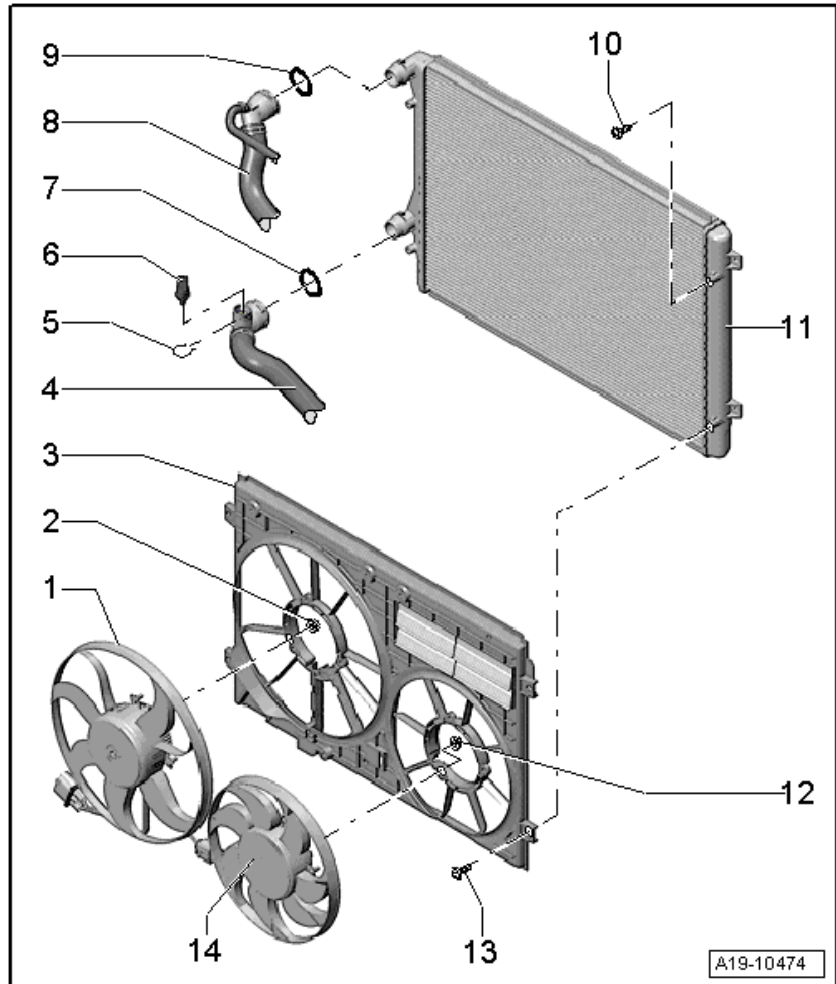
- With Coolant Fan Control (FC) Control Module -J293-

6 - Engine Coolant Temperature (ECT) Sensor (on Radiator) - G83-

- Located in the Expansion tank

14 - Radiator fan 2 -V177-

-



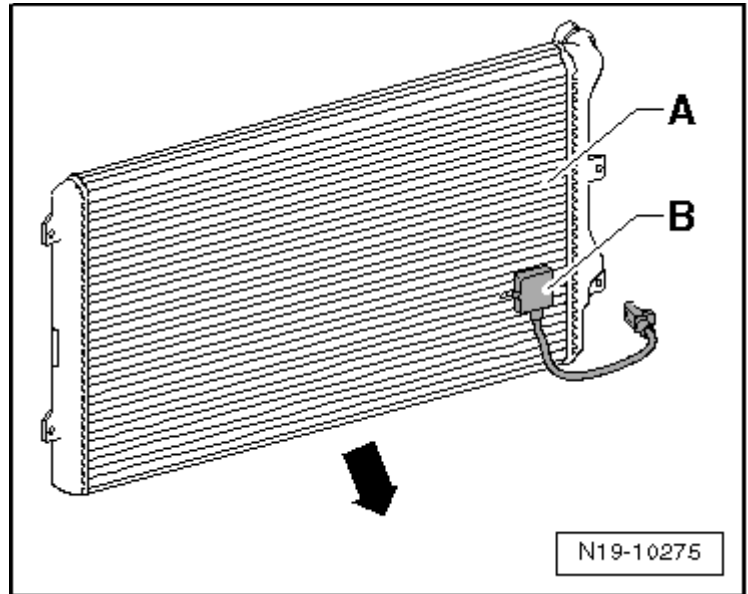
Golf

Component Locations

No. 856 / 65

Radiator Identification Sensor

B - Radiator Identification Sensor -G611-



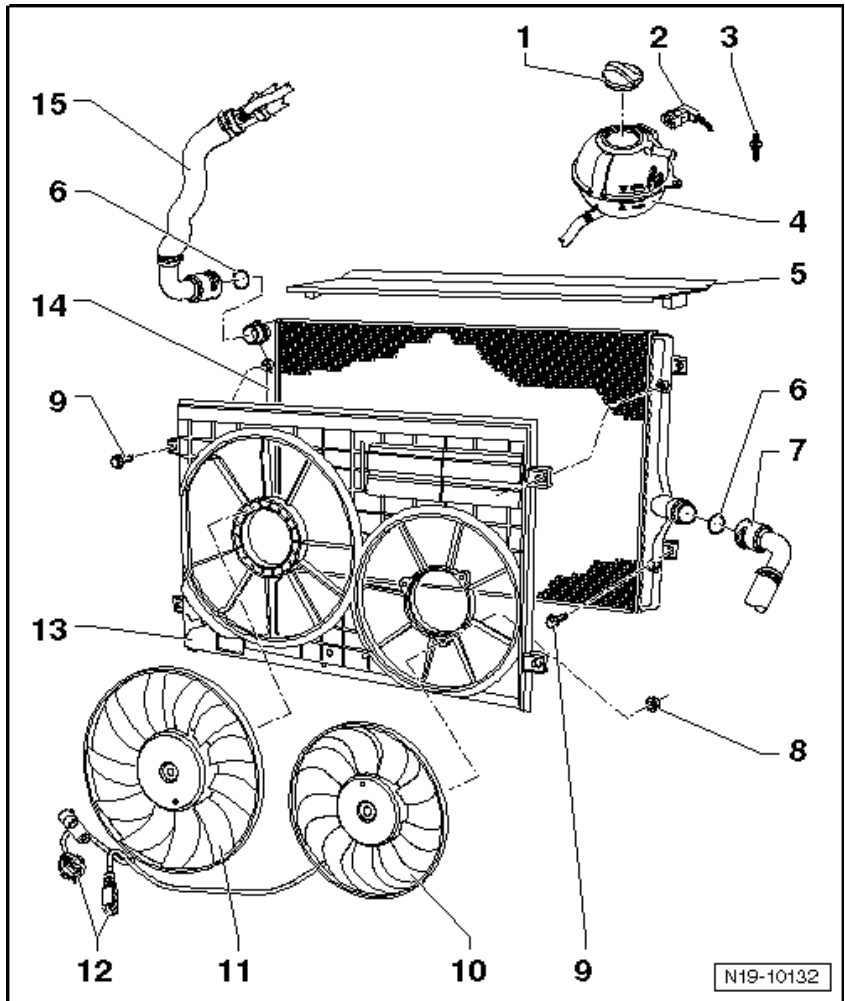
Golf

Component Locations

No. 856 / 66

2.0L CRZA

- 2 - Engine coolant level sensor - G32- connector
- 10 - Coolant fan 2 -V177-
- 11 - Coolant fan -V7- with Coolant fan control module -J293-



Golf

Component Locations

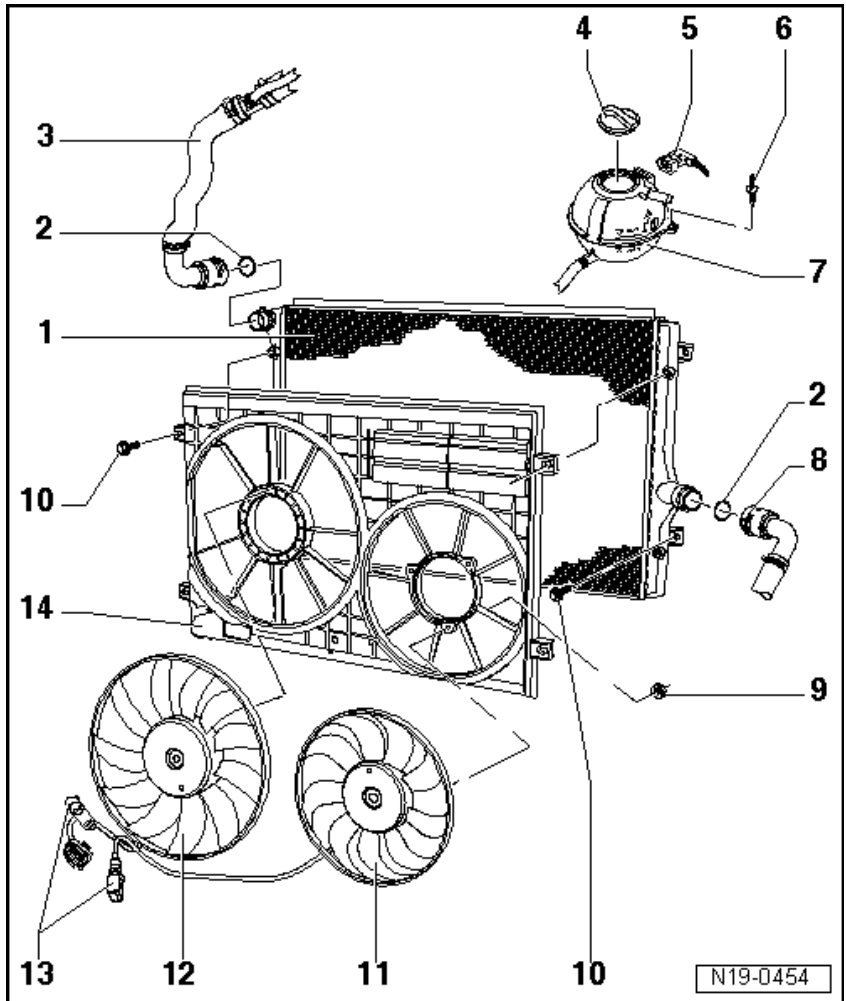
No. 856 / 67

2.0L CJAA TDI

5 - Engine Coolant Level (ECL)

Sensor -G32- connector

12 - Right Coolant Fan -V35-



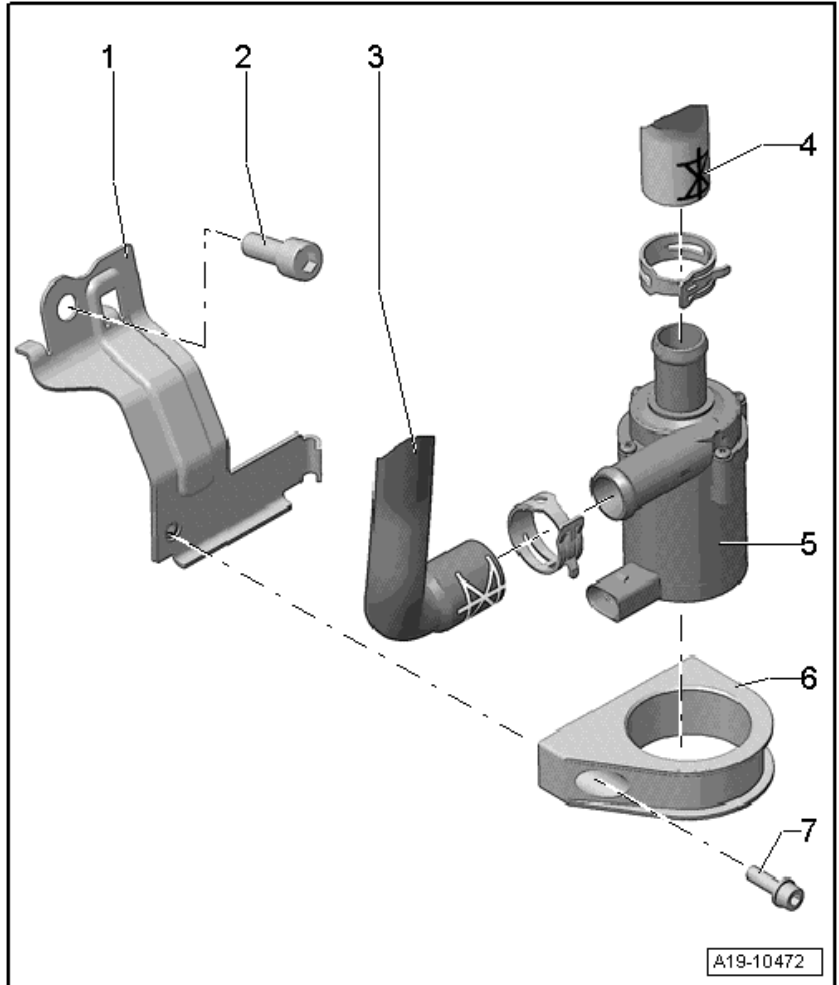
Golf

Component Locations

No. 856 / 68

After-Run Coolant Pump

6 - After-Run Coolant Pump -V51-



Golf

Component Locations

No. 856 / 69

Fuel Pumps and Sensors

- ◆ 2.0L CCTA and CBFA → Chapter
- ◆ 2.0LCRZA → Chapter
- ◆ 2.0L CJAA TDI → Chapter
- ◆ 2.5L CBTA / CBUA → Chapter

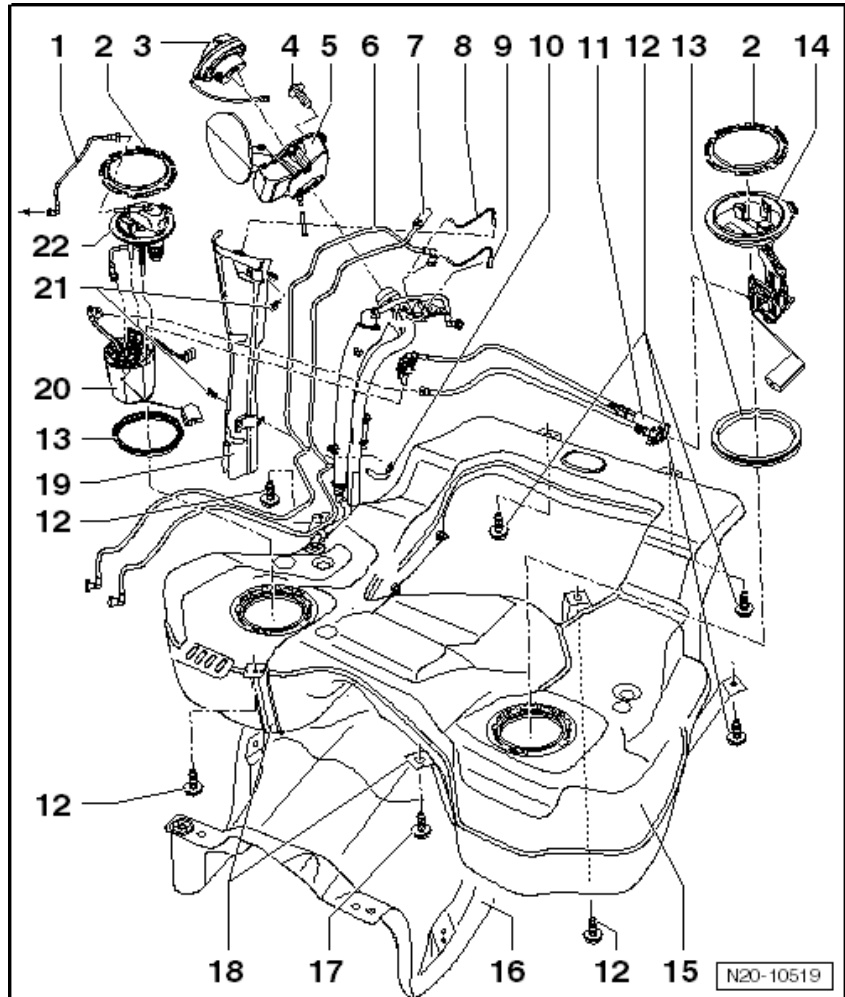
2.0L CCTA and CBFA

14 - Fuel Level Sensor 2 -G169-

- Not installed on all platforms

22 - Fuel Pump Control Module - J538- with Fuel level sensor - G- and Transfer fuel pump - G6-

- The Fuel Pump Control Module -J538- is located on the cover to the Fuel level sensor -G- and Transfer fuel pump -G6- .



Golf

Component Locations

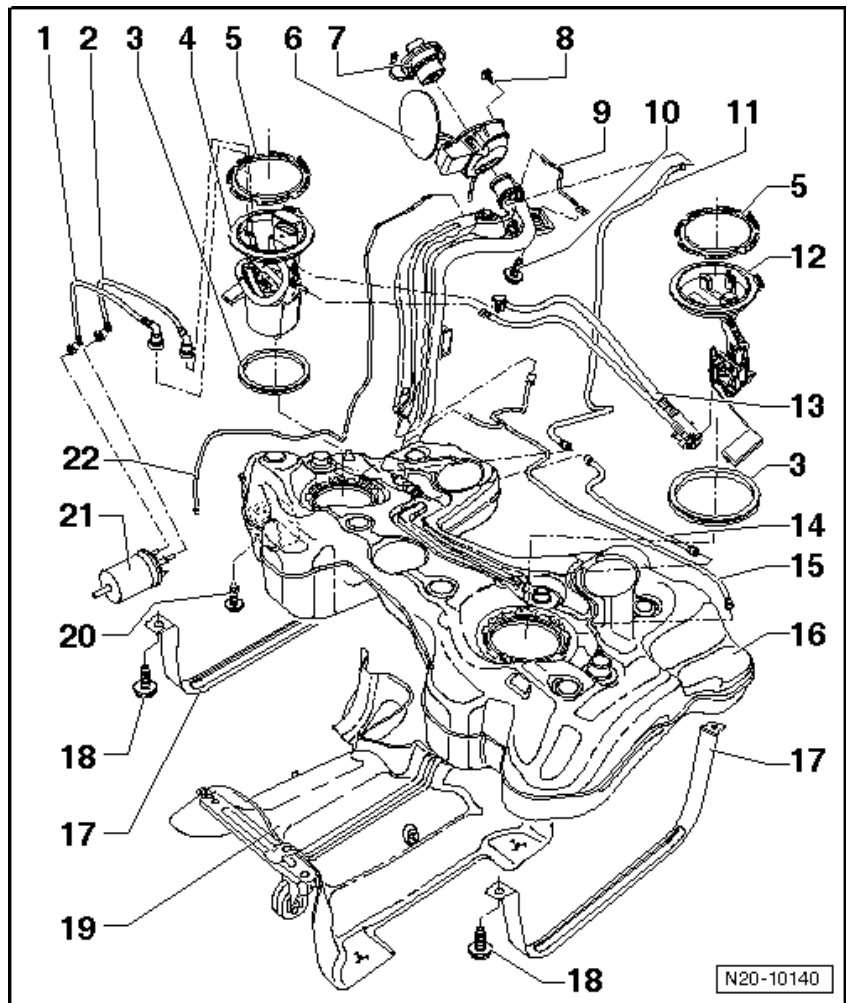
No. 856 / 70

2.0LCRZA

4 - Fuel Pump Control Module - J538- with Fuel level sensor - G- and Transfer fuel pump - G6-

- The Fuel Pump Control Module -J538- is located on the cover to the Fuel level sensor -G- and Transfer fuel pump -G6- .

12 - Fuel Level Sensor 2 -G169-



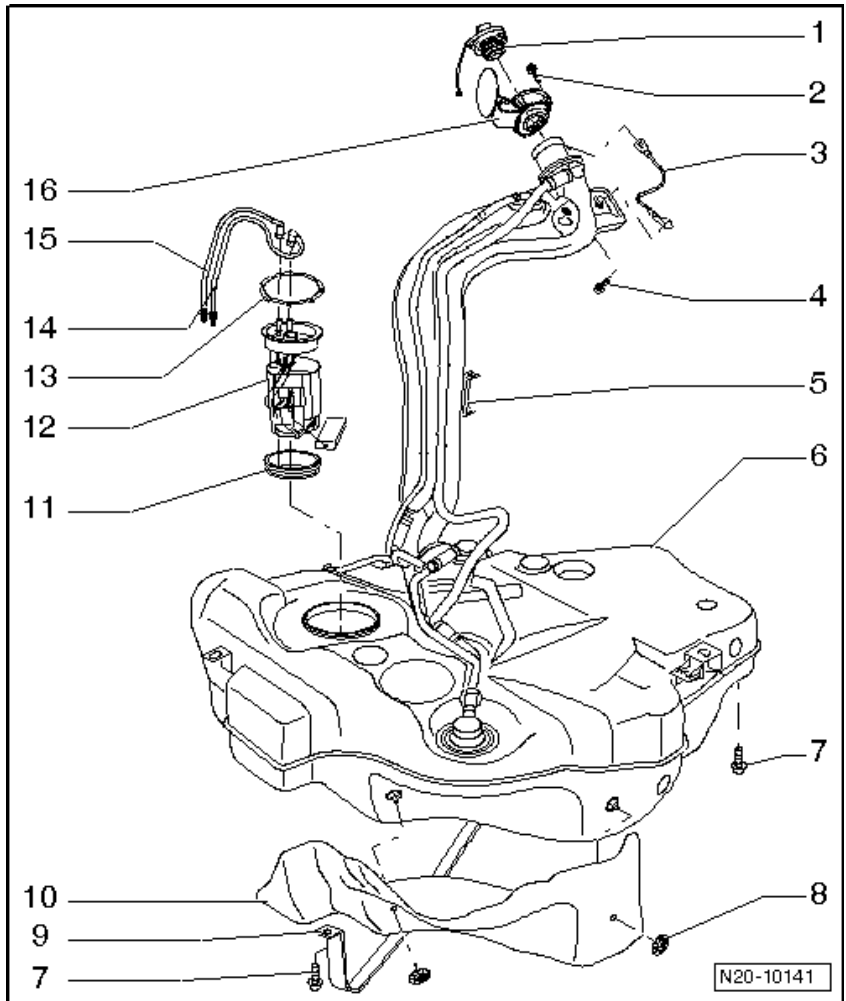
Golf

Component Locations

No. 856 / 71

2.0L CJAA TDI

12 - Fuel Delivery Unit with Fuel level sensor -G- and Transfer fuel pump -G6-



Golf

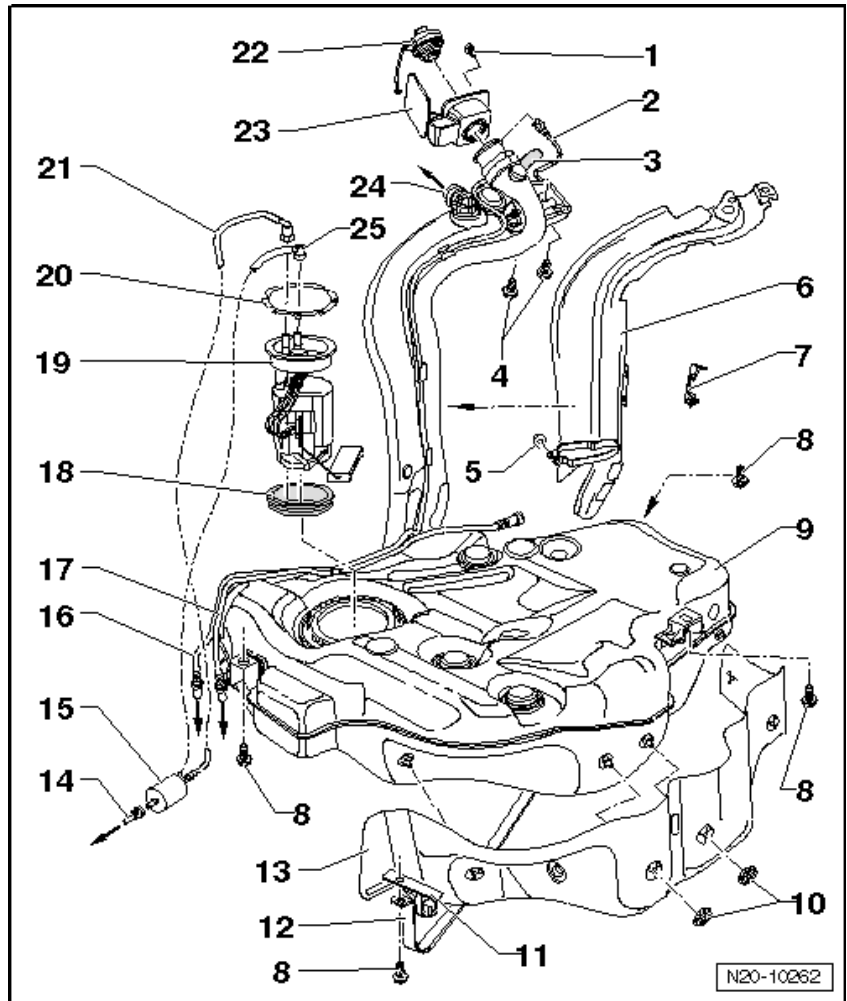
Component Locations

No. 856 / 72

2.5L CBTA / CBUA

19 - Fuel Pump Control Module - J538- with Fuel level sensor - G- and Transfer fuel pump - G6-

- The Fuel Pump Control Module -J538- is located on the cover to the Fuel level sensor -G- and Transfer fuel pump -G6- .



Golf

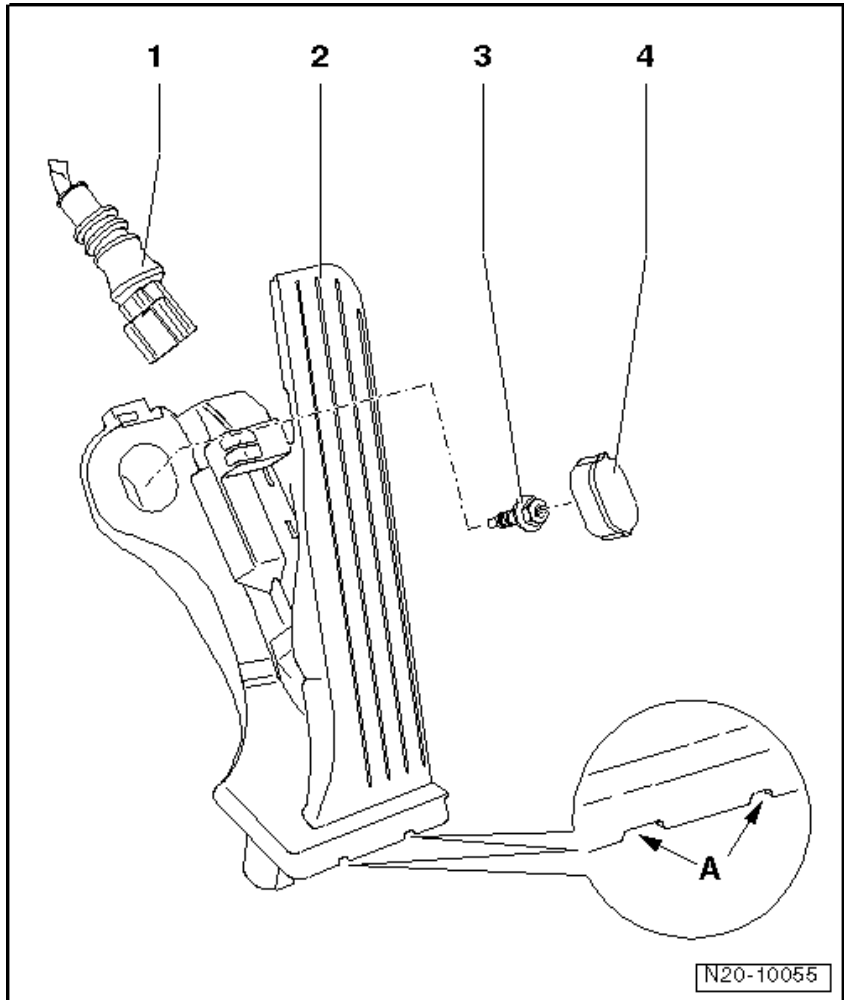
Component Locations

No. 856 / 73

Accelerator Pedal Module Overview

1 - Throttle Position (TP) Sensor - G79-

- Integrated with Accelerator Position Sensor 2 -G185-



Golf

Component Locations

No. 802 / 1

Edition 01.2012

Fuses

Fuse overview (SA), (SB), (SC), (SD), (SF)

1 - Fuses (SA) on fuse panel A

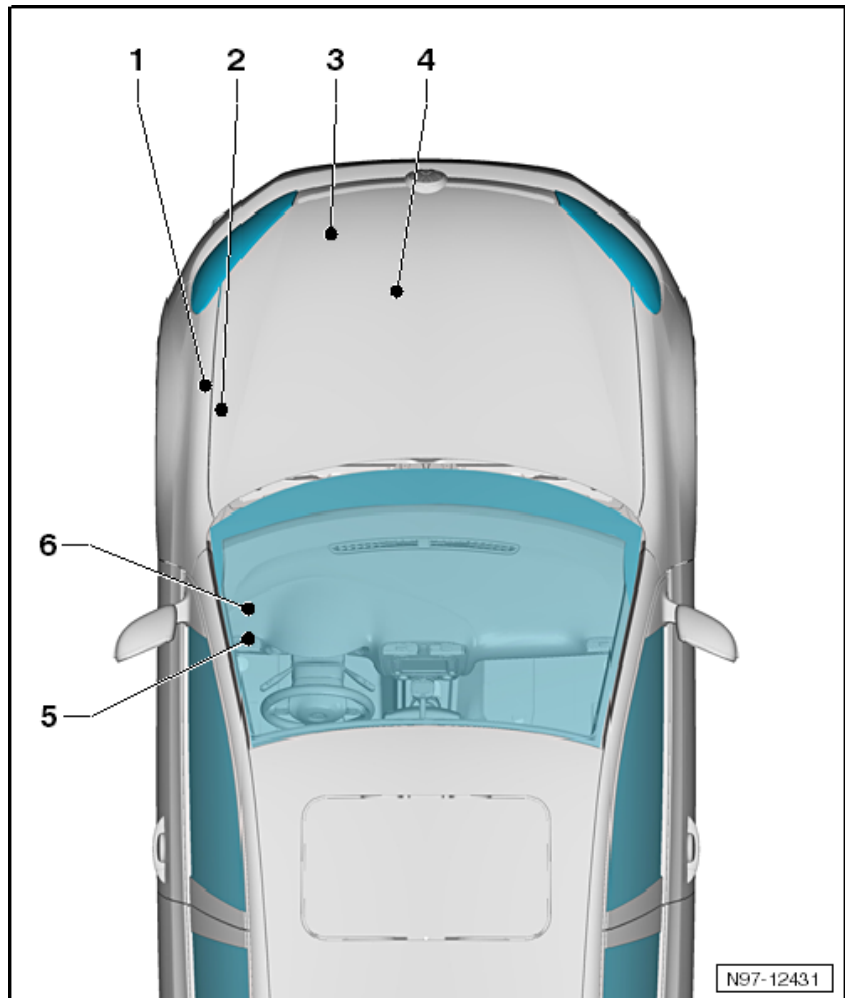
- ❑ Electronics box Low component location → Chapter
- ❑ Fuse assignments E-Box Low → Chapter
- ❑ E-Box High component location → Chapter
- ❑ Electronics box High fuse assignment, from November 2009 → Chapter
- ❑ Installation Location for electronics box low , Golf Blue-E-Motion → Chapter
- ❑ Position of fuses for electronics box low, Golf Blue-E-Motion → Chapter

2 - Fuses (SB) on fuse panel B

- ❑ Electronics box Low component location → Chapter
- ❑ E-box Low fuse assignments, from October 2008 → Chapter
- ❑ Electronics box Low component location → Chapter
- ❑ E-box Low fuse assignments, May 2009 → Chapter
- ❑ Electronics box Low component location → Chapter

- ❑ E-box Low fuse assignments, November 2009 → Chapter
- ❑ Electronics box Low component location → Chapter
- ❑ E-box Low fuse assignments, May 2010 → Chapter
- ❑ Electronics box Low component location → Chapter
- ❑ E-box Low fuse assignments, May 2011 → Chapter
- ❑ E-Box High component location → Chapter
- ❑ Electronics box High fuse assignment, from November 2009 → Chapter
- ❑ Installation Location for electronics box low , Golf Blue-E-Motion → Chapter
- ❑ Position of fuses for electronics box low, Golf Blue-E-Motion → Chapter

3 - Fuses (SF) in the fuse panel F, in the high voltage charge network distributor -SX4- , Golf blue-e-motion



- Installation location for fuse panel F, Golf Blue-E-Motion → [Chapter](#)
- Position of fuses for, Golf Blue-E-Motion → [Chapter](#)

4 - Fuses (SD) on fuse panel D, in the connection- and junction box 1 -SX1-

- Installation location for fuse panel D, Golf Blue-E-Motion → [Chapter](#)
- Position of fuses for, Golf Blue-E-Motion → [Chapter](#)

5 - Fuses (SC) on fuse panel C

- Fuse panel C component location → [Chapter](#)
- Fuse assignments, from October 2008 → [Chapter](#)
- Fuse assignment, from May 2009 → [Chapter](#)
- Fuse assignment, from November 2009 → [Chapter](#)
- Fuse assignment, from May 2010 → [Chapter](#)
- Fuse assignment, from May 2011 → [Chapter](#)
- Position of fuses for, Golf Blue-E-Motion → [Chapter](#)

6 - Safety cutout under the instrument panel on the driver side

- Installed location: above the relay carrier → [Chapter](#)
- Installed location: above the relay carrier, from May 2010 → [Chapter](#)

Golf

Component Locations

No. 802 / 2

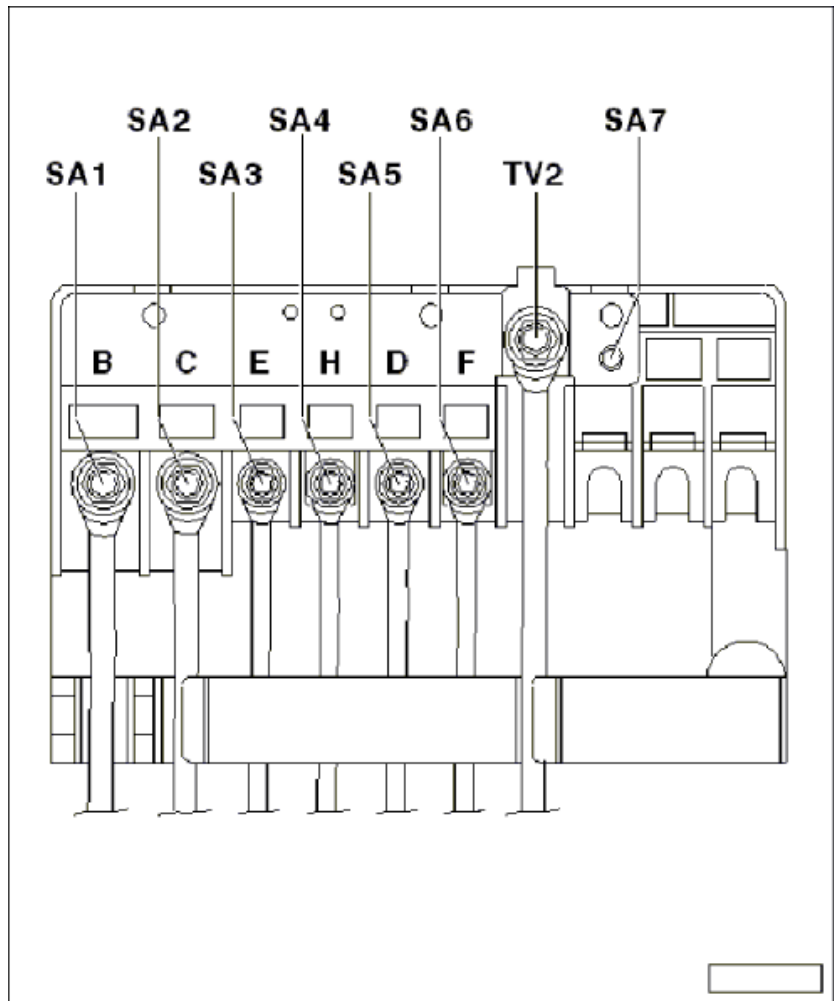
Location of Fuses (SA), on electronics box Low

Torque Settings

⇒ Electrical Equipment, Repair
Group 97, Removal and
Installation, Fuse Panel

Fuse Colors

200 A - purple
150 A - gray
125 A - pink
100 A - blue
80 A - white
70 A - brown
60 A - yellow
50 A - red
40 A - green
30 A - orange



Golf

Component Locations

No. 802 / 3

[Back to overview](#) → [Chapter](#)

Position of fuses (SA), on electronics box Low

No.		Designation in Wiring Diagram	Nominal Value		Function/Component	Terminal
1	B	Fuse 1 on fuse panel A -SA1-	150A	-	Generator -C- (90A/140A)	30a
			200A		Generator -C- (140A)	
2	C	Fuse 2 on fuse panel A -SA2-	80A	-	Power steering control module -J500- Electromechanical power steering motor -V187-	30a
3	E	Fuse 3 on fuse panel A -SA3-	50A	-	Coolant fan control module -J293- Coolant fan -V7- Coolant fan 2 -V177-	30a
4	H	Fuse 4 on fuse panel A -SA4-	80A 30A ¹⁾	-	High heat output relay -J360- Natural gas operation control module -J659- ¹⁾	30a
5	D	Fuse 5 on fuse panel A -SA5-	80A	-	Terminal 30, interior fuse box	30a
6	F	Fuse 6 on fuse panel A -SA6-	40A		Low heat output relay -J359-	30a
7	G	Fuse 7 on fuse panel A -SA7-	-	-	Not used	30a



Note

¹ only with engine code CHGA

[Back to overview](#) → [Chapter](#)

Golf

Component Locations

No. 802 / 4

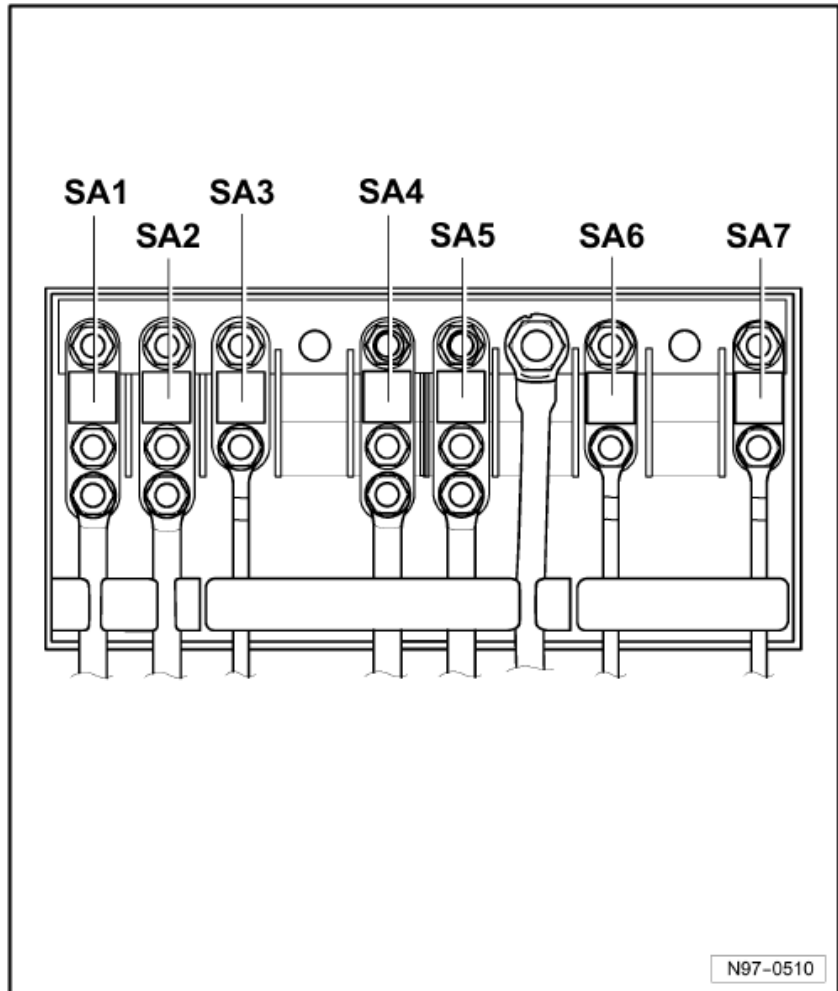
Fuses (SA) on fuse panel A, on electronics box High, from November 2009

Torque Settings

⇒ Electrical Equipment, Repair
Group 97, Removal and
Installation, Fuse Panel

Fuse Colors

200 A - purple
150 A - gray
125 A - pink
100 A - blue
80 A - white
70 A - brown
60 A - yellow
50 A - red
40 A - green
30 A - orange



Golf**Component Locations****No. 802 / 5**[Back to overview](#) → **Chapter****Fuse Arrangements Electronics Box High, from November 2009**

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
1	- Fuse 1 on fuse panel A -SA1-	150A 200A	- Generator -C- (90A/140A) Generator -C- (140A)	30a
2	- Fuse 2 on fuse panel A -SA2-	80A	- Power steering control module -J500- Electromechanical power steering motor - V187-	30a
3	- Fuse 3 on fuse panel A -SA3-	50A	- Coolant fan control module -J293- Coolant fan -V7- Coolant fan 2 -V177-	30a
4	- Fuse 4 on fuse panel A -SA4-	80A	- Not used	30a
5	- Fuse 5 on fuse panel A -SA5-	80A	- Terminal 30, interior fuse box	30a
6	- Fuse 6 on fuse panel A -SA6-	-	- Not used	30a
7	- Fuse 7 on fuse panel A -SA7-	-	- Not used	30a

[Back to overview](#) → **Chapter**

Golf

Component Locations

No. 802 / 6

Installation Location for electronics box low , Golf Blue-E-Motion

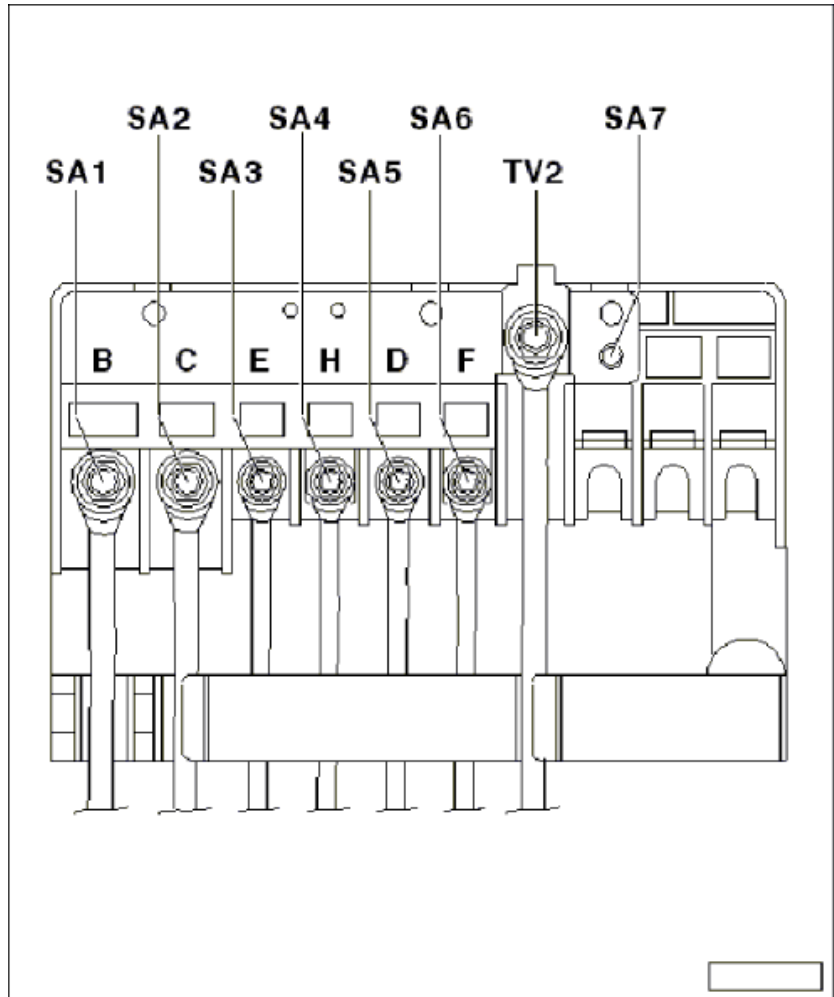
Engine code (German abbreviation EAAA)

Torque Settings

⇒ Electrical Equipment, Repair
Group 97, Removal and
Installation, Fuse Panel

Fuse Colors

200 A - purple
150 A - gray
125 A - pink
100 A - blue
80 A - white
70 A - brown
60 A - yellow
50 A - red
40 A - green
30 A - orange



Golf**Component Locations****No. 802 / 7**[Back to overview](#) → **Chapter****Position of fuses for electronics box low, Golf Blue-E-Motion**

Engine code (German abbreviation EAAA)

No.		Designation in Wiring Diagram	Nominal Value		Function/Component	Terminal
1	B	Fuse 1 on fuse panel A -SA1-	200A	-	Electric drive power and control electronics - JX1-	30a
2	C	Fuse 2 on fuse panel A -SA2-	80A	-	Power steering control module -J500- Electromechanical power steering motor - V187-	30a
3	E	Fuse 3 on fuse panel A -SA3-	50A	-	Coolant fan control module -J293- Coolant fan -V7-	30a
4	H	Fuse 4 on fuse panel A -SA4-	-	-		
5	D	Fuse 5 on fuse panel A -SA5-	80A	-	Terminal 30, interior fuse box	30a
6	F	Fuse 6 on fuse panel A -SA6-	80A	-	Terminal 30, interior fuse box	30a
7	G	Fuse 7 on fuse panel A -SA7-	-	-	Not used	

[Back to overview](#) → **Chapter**

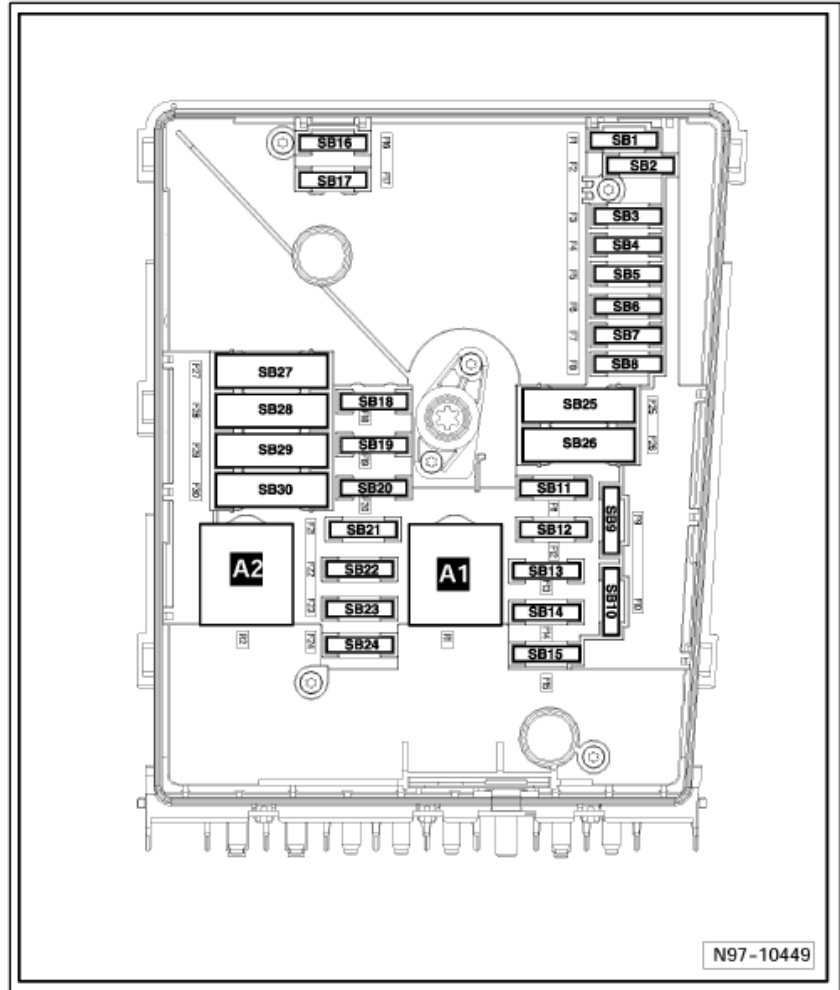
Golf

Component Locations

No. 802 / 8

Fuses (SB) on Electronics Box Low, engine compartment, left, from October 2008**- Fuse Colors**

- 50 A - red
- 40 A - orange
- 30 A - light-green
- 25 A - natural (white)
- 20 A - yellow
- 15 A - light-blue
- 10 A - red
- 7.5 A - brown
- 5 A - light-brown
- 3 A - purple



Golf

Component Locations

No. 802 / 9

[Back to overview](#) → [Chapter](#)**Fuse Arrangements Electronics Box Low, from October 2008**

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F1	- Fuse 1 on fuse holder B -SB1-	30A	- Windshield wiper motor -V-	30a
F2	- Fuse 2 on fuse panel B -SB2-	30A	- DSG transmission Mechatronic -J743-	30a
F3	- Fuse 3 on fuse holder B -SB3-	5A	- Vehicle electrical system control module - J519-	30a
F4	- Fuse 4 on fuse holder B -SB4-	20A	- ABS control module -J104-	30a
F5	- Fuse 5 on fuse holder B -SB5-	15A	- DSG transmission Mechatronic -J743-	30a
F6	- Fuse 6 on fuse holder B -SB6-	5A	- Instrument cluster control module -J285-	30a
F7	- Fuse 7 on the fuse panel B -SB7-	40A	- Terminal 15 power supply relay -J329-	30a
F8	- Fuse 8 on fuse holder B -SB8-	15A 25A	- Radio -R- Radio/navigation display unit control module -J503-	30a
F9	- Fuse 9 on fuse holder B -SB9-	5A	- Telephone transceiver -R36-	87a
F10	- Fuse 10 on fuse holder B --SB10-	10A 5A	- Engine control module -J623- Motronic engine control module power supply relay -J271-	30a
F11	- Fuse 11 on fuse panel B --SB11--	20A	- Auxiliary heater relay -J8- Auxiliary heater control module -J364-	30a
F12	- Fuse 12 on fuse panel B -SB12-	5A	- Data bus on board diagnostic interface - J533-	30a
F13	- Fuse 13 on fuse panel B -SB13-	15A 30A	- Engine control module -J623- ² Engine control module -J623- ³	87a
F14	- Fuse 14 on fuse panel B -SB14-	20A	- Transfer fuel pump -G6- Ignition coil 1 with power output stage -N70- Ignition coil 2 with power output stage - N127- Ignition coil 3 with power output stage - N291- Ignition coil 4 with power output stage - N292-	87a
F15	- Fuse 15 on fuse panel B -SB15-	10A 5A	- Oxygen sensor heater -Z19- Fuel pump relay -J17- Glow plug relay -J52-	30a
F16	- Fuse 16 on fuse panel B -SB16-	30A	- Right front turn signal bulb -M7- Right rear turn signal bulb -M8-	30a

				Right brake lamp bulb -M10- Right tail lamp bulb -M2- Right side marker lamp bulb -M3- Right back-up lamp bulb -M17- Right low beam headlamp bulb -M31- Right low beam headlamp bulb -M31- Right high beam headlamp bulb -M32- Right fog lamp bulb -L23-	
F17	- Fuse 17 on fuse panel B -SB17-	15A	-	Signal horn and dual tone horn -H1-	30a
F18	- Fuse 18 on fuse holder B -SB18--	30A	-	Amplifier -R12- Special purpose vehicle control module -J608-	30a
F19	- Fuse 19 on fuse panel B -SB19-	30A	-	Windshield wiper motor -V-	30a
F20	- Fuse 20 on fuse panel B -SB20-	10A		Coolant recirculation pump -V50- After-run coolant pump -V51-	30a
F21	- Fuse 21 on fuse panel B -SB21-	10A 15A 20A	-	Oxygen sensor 2 heater -Z28- Heater for oxygen sensor 1 after catalytic converter -Z29- Front passenger door central locking system motor -V57- Compressor magnetic clutch -N421-	87a
F22	- Fuse 22 on fuse panel B -SB22-	5A	-	Clutch position sensor -G476- Brake lamp switch -F-	87a
F23	- Fuse 23 on fuse holder B -SB23-	5A 10A 15A	-	Wastegate bypass regulator valve -N75- EVAP canister purge regulator valve 1 -N80- Turbocharger recirculation valve -N249-	87a
F24	- Fuse 24 on fuse panel B -SB24-	10A	-	Secondary air injection pump relay -J299- Cylinder 1 fuel injector -N30- Cylinder 2 fuel injector -N31- Cylinder 3 fuel injector -N32- Cylinder 4 fuel injector -N33- Camshaft adjustment valve 1 -N205- Coolant fan -V7-	30a
F25	- Fuse 25 on fuse panel B -SB25-	40A	-	ABS control module -J104- ABS hydraulic pump -V64-	30a
F26	- Fuse 26 on fuse panel B -SB26-	30A	-	Left sidemarker lamp bulb -M1- Left front turn signal bulb -M5- Left tail lamp bulb -M4- Left rear turn signal bulb -M6-	30a

				Left brake lamp bulb -M9- Left low beam headlamp bulb -M29- Left high beam headlamp bulb -M30- Left back-up lamp bulb -M16- Left rear fog lamp bulb -L46- Left front fog lamp bulb -L22-	
F27	- Fuse 27 on fuse panel B -SB27-	40A 50A	-	Automatic glow time control module -J179- Secondary air injection pump motor -V101-	30a
F28	- Fuse 28 on fuse panel B -SB28-	30A 40A	-	Terminal 15 power supply relay 2 -J681- Terminal 15 power supply relay -J329- ¹	30a
F29	- Fuse 29 on fuse panel B -SB29-	50A	-	SC37 - Fuse 32 (on fuse panel C) -SC32-	30a
F30	- Fuse 30 on fuse panel B -SB30-	50A	-	Load reduction relay -J59-	29a

¹ Only engine code CHGA

² Gasoline engines

³ Diesel

Back to overview → **Chapter**

Golf

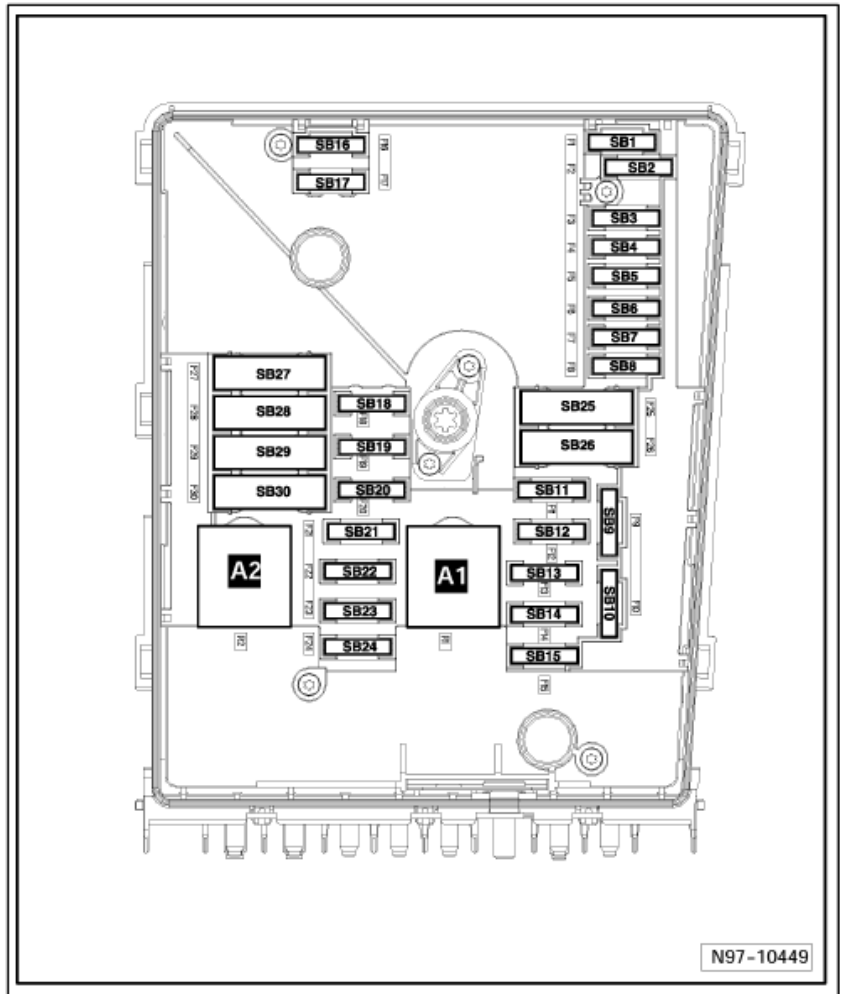
Component Locations

No. 802 / 10

Fuse Arrangements (SB) in Electronics Box Low, from May 2009

- Fuse Colors

- 50 A - red
- 40 A - orange
- 30 A - light-green
- 25 A - natural (white)
- 20 A - yellow
- 15 A - light-blue
- 10 A - red
- 7.5 A - brown
- 5 A - light-brown
- 3 A - purple



Golf

Component Locations

No. 802 / 11

[Back to overview](#) → [Chapter](#)

Fuse Arrangements Electronics Box Low, from May 2009

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F1	- Fuse 1 on fuse holder B -SB1-	30A	- Windshield wiper motor -V-	-
F2	- Fuse 2 on fuse panel B -SB2-	30A	- DSG transmission Mechatronic -J743-	30a
F3	- Fuse 3 on fuse holder B -SB3-	20A	- Vehicle electrical system control module - J519-	30a
F4	- Fuse 4 on fuse holder B -SB4-	20A	- ABS control module -J104-	30a
F5	- Fuse 5 on fuse holder B -SB5-	15A	- DSG transmission Mechatronic -J743-	30a
F6	- Fuse 6 on fuse holder B -SB6-	5A	- Instrument cluster control module -J285- Steering column electronics control module - J527-	30a
F7	- Fuse 7 on the fuse panel B -SB7-	40A	- Terminal 15 power supply relay -J329-	30a
F8	- Fuse 8 on fuse holder B -SB8-	15A 25A	- Radio -R- Radio/navigation display unit control module - J503- Voltage stabilizer -J532- ⁶	30a
F9	- Fuse 9 on fuse holder B -SB9-	5A	- Telephone transceiver -R36-	87a
F10	- Fuse 10 on fuse holder B -- SB10--	10A 5A	- Engine control module -J623- Motronic engine control module power supply relay -J271-	30a
F11	- Fuse 11 on fuse panel B --SB11- -	20A	- Auxiliary heater relay -J8- Auxiliary heater control module -J364-	-
F12	- Fuse 12 on fuse panel B -SB12-	5A	- Data bus on board diagnostic interface -J533-	30a
F13	- Fuse 13 on fuse panel B -SB13-	15A 30A	- Engine control module -J623- ⁴ - Engine control module -J623- ⁵	87a
F14	- Fuse 14 on fuse panel B -SB14-	20A	- Transfer fuel pump -G6- Ignition coil 1 with power output stage -N70- Ignition coil 2 with power output stage -N127- Ignition coil 3 with power output stage -N291- Ignition coil 4 with power output stage -N292-	87a
F15	- Fuse 15 on fuse panel B -SB15-	5A 5A 10A 10A	- Fuel pump relay -J17- - Glow plug relay -J52- - Leak detection pump -V144- ⁷ - Radiator identification sensor -G611- ⁷	30a

		10A	Oxygen sensor heater -Z19-	
		10A	Oxygen sensor 3 heater -Z62- ²	
		10A	Heater for oxygen sensor 1 after catalytic converter -Z29- ³	
F16	Fuse 16 on fuse panel B -SB16-	30A	Right front turn signal bulb -M7- Right rear turn signal bulb -M8- Right brake lamp bulb -M10- Right tail lamp bulb -M2- Right side marker lamp bulb -M3- Right back-up lamp bulb -M17- Right low beam headlamp bulb -M31- Right low beam headlamp bulb -M31- Right high beam headlamp bulb -M32- Right fog lamp bulb -L23- Vehicle electrical system control module - J519- , terminal 30, right	30a
F17	Fuse 17 on fuse panel B -SB17-	15A	Signal horn and dual tone horn -H1- Low tone horn -H7- High tone horn -H2-	30a
F18	Fuse 18 on fuse holder B -SB18- -	30A 30A	Amplifier -R12- Special purpose vehicle control module - J608-	30a
F19	Fuse 19 on fuse panel B -SB19-	30A	Windshield wiper motor -V- Wiper motor control module -J400-	30a
F20	Fuse 20 on fuse panel B -SB20-	10A 20A	Coolant recirculation pump -V50- After-run coolant pump -V51- Fuel pressure regulator valve -N276- ⁸	30a
F21	Fuse 21 on fuse panel B -SB21-	10A 15A 20A	Oxygen sensor heater -Z19- Oxygen sensor 2 heater -Z28- Compressor magnetic clutch -N421- Heater for oxygen sensor 1 after catalytic converter -Z29- Front passenger door central locking system motor -V57- Brake system vacuum pump -V192- ⁹	87a
F22	Fuse 22 on fuse panel B -SB22-	5A	Clutch position sensor -G476- Brake lamp switch -F-	87a
F23	Fuse 23 on fuse holder B -SB23-	5A 15A	Wastegate bypass regulator valve -N75- Turbocharger recirculation valve -N249-	87a

		15A	-	Secondary air injection solenoid valve -N112- 1	
F24	- Fuse 24 on fuse panel B -SB24-	10A	-	Secondary air injection pump relay -J299- Cylinder 1 fuel injector -N30- Cylinder 2 fuel injector -N31- Cylinder 3 fuel injector -N32- Cylinder 4 fuel injector -N33- Camshaft adjustment valve 1 -N205- Coolant fan -V7- EVAP canister purge regulator valve 1 -N80-	30a
F25	- Fuse 25 on fuse panel B -SB25-	40A	-	ABS control module -J104- ABS hydraulic pump -V64-	30a
F26	- Fuse 26 on fuse panel B -SB26-	30A	-	Vehicle electrical system control module - J519- , terminal 30, left Left sidemarker lamp bulb -M1- Left front turn signal bulb -M5- Left tail lamp bulb -M4- Left rear turn signal bulb -M6- Left brake lamp bulb -M9- Left low beam headlamp bulb -M29- Left high beam headlamp bulb -M30- Left back-up lamp bulb -M16- Left rear fog lamp bulb -L46- Left front fog lamp bulb -L22-	30a
F27	- Fuse 27 on fuse panel B -SB27-	40A 50A	-	Automatic glow time control module -J179- Secondary air injection pump motor -V101-	30a
F28	- Fuse 28 on fuse panel B -SB28-	30A	-	Terminal 15 power supply relay 2 -J681-	30a
F29	- Fuse 29 on fuse panel B -SB29-	50A	-	SC37 - Fuse 33 (on fuse panel C) -SC33-	30a
F30	- Fuse 30 on fuse panel B -SB30-	50A	-	Load reduction relay -J59-	29a

¹ CBTA, CBUA

² CBTA

³ CBUA

⁴ Gasoline engines

⁵ Diesel

⁶ Stop/Start

⁷ CBFA

⁸ CCTA

⁹ Direct Shift Gearbox 0AM and ABS with ASR

Back to overview → **Chapter**

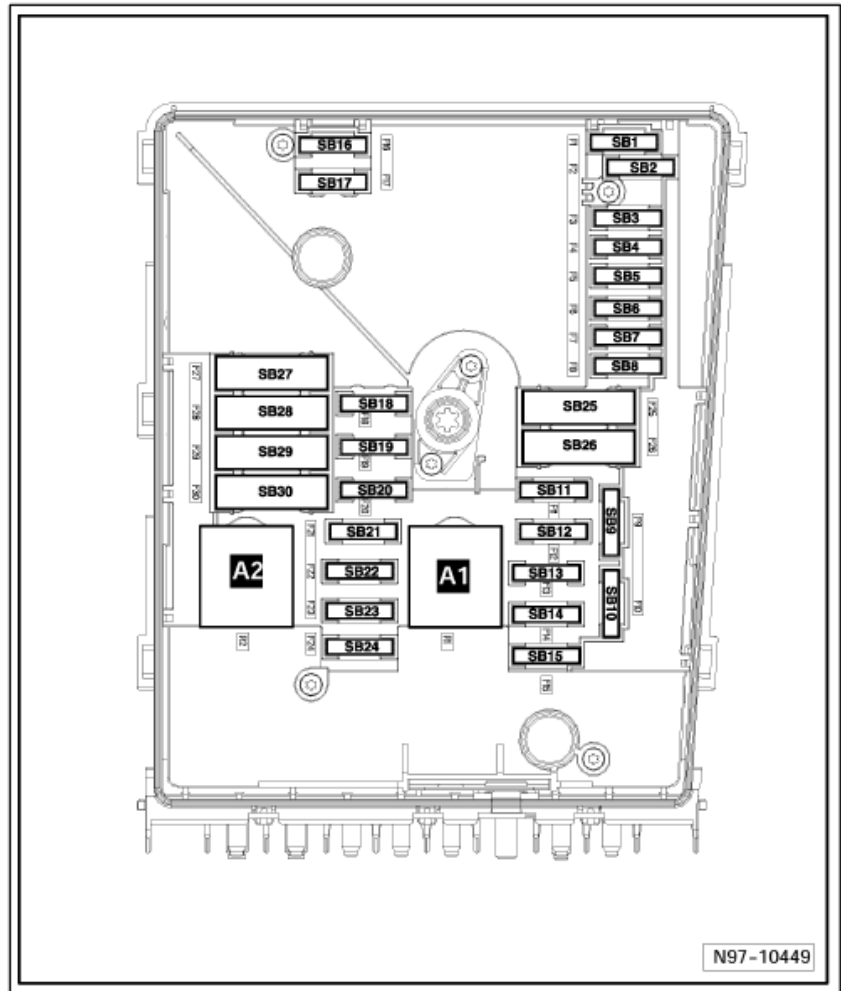
Golf

Component Locations

No. 802 / 12

Fuse Arrangements (SB) in Electronics Box Low, from November 2009**- Fuse Colors**

- 50 A - red
- 40 A - orange
- 30 A - light-green
- 25 A - natural (white)
- 20 A - yellow
- 15 A - light-blue
- 10 A - red
- 7.5 A - brown
- 5 A - light-brown
- 3 A - purple



Golf

Component Locations

No. 802 / 13

[Back to overview](#) → [Chapter](#)**Fuse Arrangements Electronics Box Low, from November 2009**

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F1	- Fuse 1 on fuse holder B -SB1-	-	- Not used	-
F2	- Fuse 2 on fuse panel B -SB2-	30A	- DSG transmission Mechatronic -J743- Engine component power supply relay -J757- 7	30a
F3	- Fuse 3 on fuse holder B -SB3-	20A	- Vehicle electrical system control module - J519- Battery monitoring control module -J367- ⁶	30a
F4	- Fuse 4 on fuse holder B -SB4-	30A	- ABS control module -J104-	30a
F5	- Fuse 5 on fuse holder B -SB5-	15A	- DSG transmission Mechatronic -J743-	30a
F6	- Fuse 6 on fuse holder B -SB6-	5A	- Instrument cluster control module -J285- Steering column electronics control module - J527-	30a
F7	- Fuse 7 on the fuse panel B -SB7-	40A	- Terminal 15 power supply relay -J329-	30a
F8	- Fuse 8 on fuse holder B -SB8-	15A 25A	- Radio -R- TV tuner -R78- Radio/navigation display unit control module - J503- Voltage stabilizer -J532- ⁶	30a
F9	- Fuse 9 on fuse holder B -SB9-	5A	- Cell phone operating electronics control module -J412-	87a
F10	- Fuse 10 on fuse holder B -- SB10--	10A 5A	- Engine control module -J623- Terminal 30 power supply relay -J317- Motronic engine control module power supply relay -J271- Motronic engine control module power supply relay -J271-	30a
F11	- Fuse 11 on fuse panel B --SB11- -	20A	- Auxiliary heater control module -J364-	30a
F12	- Fuse 12 on fuse panel B -SB12-	5A	- Data bus on board diagnostic interface -J533-	30a
F13	- Fuse 13 on fuse panel B -SB13-	15A 30A	- Engine control module -J623- ⁴ - Engine control module -J623- ⁵	87a
F14	- Fuse 14 on fuse panel B -SB14-	20A	- Ignition coil -N152- ¹⁰ Ignition coil 1 with power output stage -N70- Ignition coil 2 with power output stage -N127-	87a

			Ignition coil 3 with power output stage -N291- Ignition coil 4 with power output stage -N292-	
F15	Fuse 15 on fuse panel B -SB15-	5A 5A 10A	- Fuel pump relay -J17- Fuel pump relay 2 -J49- Low heat output relay -J359- High heat output relay -J360- Automatic glow time control module -J179- Leak detection pump -V144- ⁷ Radiator identification sensor -G611- ⁷ Oxygen sensor heater -Z19- Heater for oxygen sensor 1 after catalytic converter -Z29- ^{3, 11} Oxygen sensor 3 heater -Z62- ² Cylinder 1 fuel injector -N30- ¹² Cylinder 2 fuel injector -N31- ¹² Cylinder 3 fuel injector -N32- ¹² Cylinder 4 fuel injector -N33- ¹²	87a
F16	Fuse 16 on fuse panel B -SB16-	30A	- Right front turn signal bulb -M7- Right rear turn signal bulb -M8- Right brake lamp bulb -M10- Right tail lamp bulb -M2- Right side marker lamp bulb -M3- Right back-up lamp bulb -M17- Right low beam headlamp bulb -M31- Right low beam headlamp bulb -M31- Right high beam headlamp bulb -M32- Right fog lamp bulb -L23- Vehicle electrical system control module -J519-	30a
F17	Fuse 17 on fuse panel B -SB17-	15A	- Dual tone horn relay -J4- Low tone horn -H7- High tone horn -H2-	30a
F18	Fuse 18 on fuse holder B -SB18- -	30A 30A	- Amplifier -R12- Special purpose vehicle control module -J608-	30a
F19	Fuse 19 on fuse panel B -SB19-	30A	- Windshield wiper motor -V- Driver windshield wiper motor -V216- Wiper motor control module -J400-	30a

F20	- Fuse 20 on fuse panel B -SB20-	10A 20A	- Coolant recirculation pump -V50- - Fuel pressure regulator valve -N276- ^{8, 13, 14, 8}	30a
F21	- Fuse 21 on fuse panel B -SB21-	10A 10A 10A 15A 15A 20A	- Oxygen sensor heater -Z19- - Oxygen sensor 2 heater -Z28- - Compressor magnetic clutch -N421- - Heater for oxygen sensor 1 after catalytic converter -Z29- - Front passenger door central locking system motor -V57- - Brake system vacuum pump -V192- ⁹	87a
F22	- Fuse 22 on fuse panel B -SB22-	5A	- Clutch position sensor -G476-	87a
F23	- Fuse 23 on fuse holder B -SB23-	10A 15A 15A	- Wastegate bypass regulator valve -N75- Wastegate bypass regulator valve -N345- ¹⁵ Turbocharger recirculation valve -N249- Secondary air injection solenoid valve -N112- ¹ - Leak detection pump -V144- ¹ - Fuel pressure regulator valve -N276- Secondary air pump relay -J299- ^{10, 7}	87a
		5A	Engine component power supply relay -J757- ⁷ - Coolant circulation pump relay -J151- ⁷	
F24	- Fuse 24 on fuse panel B -SB24-	10A	- Camshaft adjustment valve 1 -N205- Coolant fan -V7- EVAP canister purge regulator valve 1 -N80- Intake manifold tuning valve -N156- Throttle valve control module -J338- Auxiliary coolant pump relay -J496- ¹¹ Oil pressure regulation valve -N428- ⁸	30a
F25	- Fuse 25 on fuse panel B -SB25-	40A	- ABS control module -J104- ABS hydraulic pump -V64-	30a
F26	- Fuse 26 on fuse panel B -SB26-	30A	- Vehicle electrical system control module -J519- Left sidemarker lamp bulb -M1- Left front turn signal bulb -M5- Left tail lamp bulb -M4- Left rear turn signal bulb -M6- Left brake lamp bulb -M9- Left low beam headlamp bulb -M29-	30a

				Left high beam headlamp bulb -M30- Left back-up lamp bulb -M16- Left rear fog lamp bulb -L46- Left front fog lamp bulb -L22-	
F27	- Fuse 27 on fuse panel B -SB27-	50A 40A	-	Automatic glow time control module -J179- Secondary air injection pump motor -V101-	30a
F28	- Fuse 28 on fuse panel B -SB28-	-	-	Not used	-
F29	- Fuse 29 on fuse panel B -SB29-	50A	-	Fuse32 on fuse panel C -SC32 -SC32- Driver power seat adjustment circuit breaker - S44-	30a
F30	- Fuse 30 on fuse panel B -SB30-	50A	-	Load reduction relay -J59-	29a

¹ CBTA, CBUA

² CBTA

³ CBUA

⁴ Gasoline engines

⁵ Diesel

⁶ Stop/Start

⁷ CBFA

⁸ CCTA

⁹ Direct Shift Gearbox 0AM and ABS with ASR

¹⁰ CHGA

¹¹ CBZB

¹² CGGA

¹³ CCZB

¹⁴ CDAA

¹⁵ CAYB, CAYC

Back to overview → **Chapter**

Golf

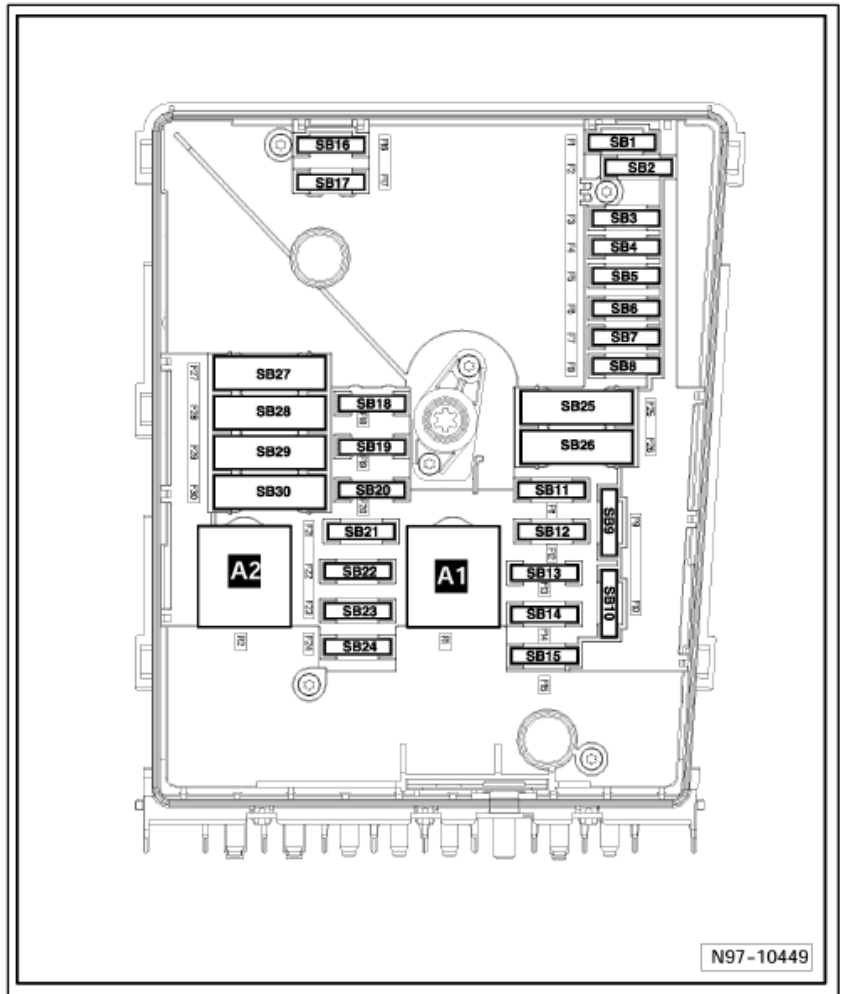
Component Locations

No. 802 / 14

Fuse Arrangements (SB) in Electronics Box Low, from May 2010

- Fuse Colors

- 50 A - red
- 40 A - orange
- 30 A - light-green
- 25 A - natural (white)
- 20 A - yellow
- 15 A - light-blue
- 10 A - red
- 7.5 A - brown
- 5 A - light-brown
- 3 A - purple



Golf

Component Locations

No. 802 / 15

[Back to overview](#) → [Chapter](#)

Fuse Arrangements Electronics Box Low, from May 2010

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F1	- Fuse 1 on fuse holder B -SB1-	-	- Not used	-
F2	- Fuse 2 on fuse panel B -SB2-	30A	- DSG transmission Mechatronic -J743- Engine component power supply relay -J757- 7	30a
F3	- Fuse 3 on fuse holder B -SB3-	20A	- Vehicle electrical system control module - J519- Battery monitoring control module -J367- ⁶	30a
F4	- Fuse 4 on fuse holder B -SB4-	30A	- ABS control module -J104-	30a
F5	- Fuse 5 on fuse holder B -SB5-	15A	- DSG transmission Mechatronic -J743-	30a
F6	- Fuse 6 on fuse holder B -SB6-	5A	- Instrument cluster control module -J285- Steering column electronics control module - J527-	30a
F7	- Fuse 7 on the fuse panel B -SB7-	40A	- Terminal 15 power supply relay -J329-	30a
F8	- Fuse 8 on fuse holder B -SB8-	15A 25A	- Radio -R- TV tuner -R78- Radio/navigation display unit control module - J503- Voltage stabilizer -J532- ⁶	30a
F9	- Fuse 9 on fuse holder B -SB9-	5A	- Cell phone operating electronics control module -J412-	87a
F10	- Fuse 10 on fuse holder B -- SB10--	10A 5A	- Engine control module -J623- Terminal 30 power supply relay -J317- Motronic engine control module power supply relay -J271- Motronic engine control module power supply relay -J271-	30a
F11	- Fuse 11 on fuse panel B --SB11- -	20A	- Auxiliary heater control module -J364-	30a
F12	- Fuse 12 on fuse panel B -SB12-	5A	- Data bus on board diagnostic interface -J533-	30a
F13	- Fuse 13 on fuse panel B -SB13-	15A 30A	- Engine control module -J623- ⁴ - Engine control module -J623- ⁵	87a
F14	- Fuse 14 on fuse panel B -SB14-	20A	- Ignition coil -N152- ¹⁰ Ignition coil 1 with power output stage -N70- Ignition coil 2 with power output stage -N127-	87a

			Ignition coil 3 with power output stage -N291- Ignition coil 4 with power output stage -N292-	
F15	Fuse 15 on fuse panel B -SB15-	5A 10A	- Fuel pump relay -J17- Fuel pump relay 2 -J49- Low heat output relay -J359- High heat output relay -J360- Automatic glow time control module -J179- - Leak detection pump -V144- ⁷ Radiator identification sensor -G611- ⁷ Oxygen sensor heater -Z19- Oxygen sensor 3 heater -Z62- ² Heater for oxygen sensor 1 after catalytic converter -Z29- ³ , ¹¹ Cylinder 1 fuel injector -N30- ¹² Cylinder 2 fuel injector -N31- ¹² Cylinder 3 fuel injector -N32- ¹² - Cylinder 4 fuel injector -N33- ¹²	87a
F16	Fuse 16 on fuse panel B -SB16-	30A	- Vehicle electrical system control module - J519- , terminal 30, right Right rear turn signal bulb -M8- Right brake lamp bulb -M10- Right tail lamp bulb -M2- Right side marker lamp bulb -M3- Right back-up lamp bulb -M17- Right low beam headlamp bulb -M31- Right low beam headlamp bulb -M31- Right high beam headlamp bulb -M32- Right fog lamp bulb -L23- Right front turn signal bulb -M7-	30a
F17	Fuse 17 on fuse panel B -SB17-	15A	- Dual tone horn relay -J4- Low tone horn -H7- High tone horn -H2-	30a
F18	Fuse 18 on fuse holder B -SB18- -	30A 30A	- Amplifier -R12- Special purpose vehicle control module - J608-	30a
F19	Fuse 19 on fuse panel B -SB19-	30A	- Windshield wiper motor -V- Driver windshield wiper motor -V216- Wiper motor control module -J400-	30a
F20	Fuse 20 on fuse panel B -SB20-	10A	- Coolant recirculation pump -V50-	30a

		20A	- Fuel pressure regulator valve -N276- ^{8, 13, 14, 8}	
F21	- Fuse 21 on fuse panel B -SB21-	10A 10A 10A 15A 15A 20A	- Oxygen sensor heater -Z19- - Oxygen sensor 2 heater -Z28- - Compressor magnetic clutch -N421- - Heater for oxygen sensor 1 after catalytic converter -Z29- - Front passenger door central locking system motor -V57- - Brake system vacuum pump -V192- ⁹	87a
F22	- Fuse 22 on fuse panel B -SB22-	5A	- Clutch position sensor -G476-	87a
F23	- Fuse 23 on fuse holder B -SB23-	10A 15A 5A	- Wastegate bypass regulator valve -N75- - Wastegate bypass regulator valve -N345- ¹⁵ Turbocharger recirculation valve -N249- Secondary air injection solenoid valve -N112- 1 Leak detection pump -V144- ¹ Fuel pressure regulator valve -N276- Secondary air pump relay -J299- ^{10, 7} - Engine component power supply relay -J757- 7 Coolant circulation pump relay -J151- ⁷	87a
F24	- Fuse 24 on fuse panel B -SB24-	10A	- Camshaft adjustment valve 1 -N205- Coolant fan -V7- EVAP canister purge regulator valve 1 -N80- Intake manifold tuning valve -N156- Throttle valve control module -J338- Auxiliary coolant pump relay -J496- ¹¹ Oil pressure regulation valve -N428- ⁸	30a
F25	- Fuse 25 on fuse panel B -SB25-	40A	- ABS control module -J104- ABS hydraulic pump -V64-	30a
F26	- Fuse 26 on fuse panel B -SB26-	30A	- Vehicle electrical system control module - J519- Left sidemarker lamp bulb -M1- Left front turn signal bulb -M5- Left tail lamp bulb -M4- Left rear turn signal bulb -M6- Left brake lamp bulb -M9- Left low beam headlamp bulb -M29- Left high beam headlamp bulb -M30-	30a

				Left back-up lamp bulb -M16- Left rear fog lamp bulb -L46- Left front fog lamp bulb -L22-	
F27	- Fuse 27 on fuse panel B -SB27-	50A 40A	-	Automatic glow time control module -J179- Secondary air injection pump motor -V101-	30a
F28	- Fuse 28 on fuse panel B -SB28-	-	-	Not used	-
F29	- Fuse 29 on fuse panel B -SB29-	50A	-	Fuse32 on fuse panel C -SC32 -SC32- Driver power seat adjustment circuit breaker - S44-	30a
F30	- Fuse 30 on fuse panel B -SB30-	50A	-	Load reduction relay -J59-	29a

¹ CBTA, CBUA

² CBTA

³ CBUA

⁴ Gasoline engines

⁵ Diesel

⁶ Stop/Start

⁷ CBFA

⁸ CCTA

⁹ Direct Shift Gearbox 0AM and ABS with ASR

¹⁰ CHGA

¹¹ CBZB

¹² CGGA

¹³ CCZB

¹⁴ CDAA

¹⁵ CAYB, CAYC

Back to overview → Chapter

Golf

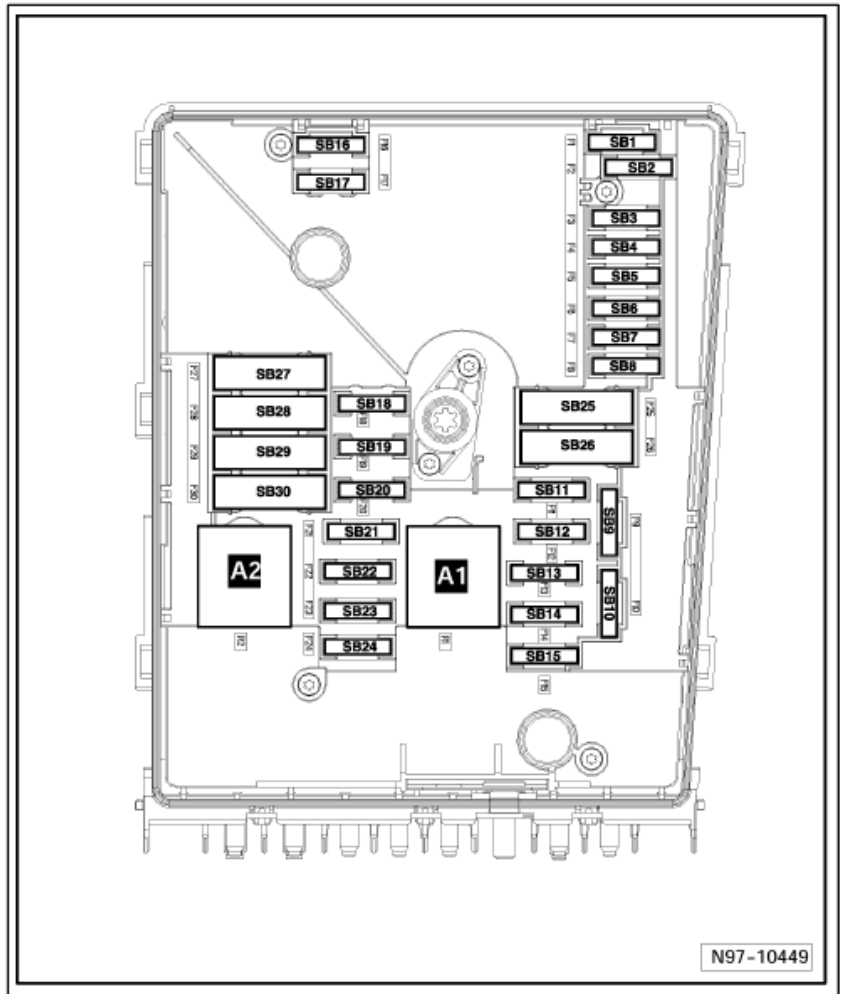
Component Locations

No. 802 / 16

Fuse Arrangements (SB) in Electronics Box Low, from May 2011

- Fuse Colors

- 50 A - red
- 40 A - orange
- 30 A - light-green
- 25 A - natural (white)
- 20 A - yellow
- 15 A - light-blue
- 10 A - red
- 7.5 A - brown
- 5 A - light-brown
- 3 A - purple



Golf

Component Locations

No. 802 / 17

[Back to overview](#) → [Chapter](#)

Fuse Arrangements Electronics Box Low, from May 2011

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F1	- Fuse 1 on fuse holder B -SB1-	-	- Not used	-
F2	- Fuse 2 on fuse panel B -SB2-	30A	- DSG transmission Mechatronic -J743- Engine component power supply relay -J757- 7	30a
F3	- Fuse 3 on fuse holder B -SB3-	20A	- Vehicle electrical system control module - J519- Battery monitoring control module -J367- ⁶	30a
F4	- Fuse 4 on fuse holder B -SB4-	30A	- ABS control module -J104-	30a
F5	- Fuse 5 on fuse holder B -SB5-	15A	- DSG transmission Mechatronic -J743-	30a
F6	- Fuse 6 on fuse holder B -SB6-	5A	- Instrument cluster control module -J285- Steering column electronics control module - J527-	30a
F7	- Fuse 7 on the fuse panel B -SB7-	40A	- Terminal 15 power supply relay -J329-	30a
F8	- Fuse 8 on fuse holder B -SB8-	15A 20A	- Radio -R- TV tuner -R78- Radio/navigation display unit control module - J503- Voltage stabilizer -J532- ⁶	30a
F9	- Fuse 9 on fuse holder B -SB9-	5A	- Cell phone operating electronics control module -J412-	87a
F10	- Fuse 10 on fuse holder B -- SB10--	10A	- Engine control module -J623- Terminal 30 power supply relay -J317- Motronic engine control module power supply relay -J271- Motronic engine control module power supply relay -J271- Terminal 30 power supply relay -J317- Engine control module -J623-	30a
F11	- Fuse 11 on fuse panel B --SB11- -	20A	- Auxiliary heater control module -J364-	30a
F12	- Fuse 12 on fuse panel B -SB12-	5A	- Data bus on board diagnostic interface -J533-	30a
F13	- Fuse 13 on fuse panel B -SB13-	15A 30A	- Engine control module -J623- ⁴ - Engine control module -J623- ⁵	87a
F14	- Fuse 14 on fuse panel B -SB14-	20A	- Ignition coil -N152- ¹⁰	87a

			<ul style="list-style-type: none"> Ignition coil 1 with power output stage -N70- Ignition coil 2 with power output stage -N127- Ignition coil 3 with power output stage -N291- Ignition coil 4 with power output stage -N292- Fuel pressure regulator valve -N276- Fuel metering valve -N290- 	
F15	Fuse 15 on fuse panel B -SB15-	<ul style="list-style-type: none"> 5A 10A 	<ul style="list-style-type: none"> Fuel pump relay -J17- Fuel pump relay 2 -J49- Low heat output relay -J359- High heat output relay -J360- Automatic glow time control module -J179- Leak detection pump -V144-⁷ Radiator identification sensor -G611-⁷ Oxygen sensor heater -Z19- Oxygen sensor 3 heater -Z62-² Heater for oxygen sensor 1 after catalytic converter -Z29-³ , ¹¹ Cylinder 1 fuel injector -N30-¹² Cylinder 2 fuel injector -N31-¹² Cylinder 3 fuel injector -N32-¹² Cylinder 4 fuel injector -N33-¹² 	87a
F16	Fuse 16 on fuse panel B -SB16-	30A	<ul style="list-style-type: none"> Vehicle electrical system control module - J519- Right rear turn signal bulb -M8- Right brake lamp bulb -M10- Right tail lamp bulb -M2- Right side marker lamp bulb -M3- Right back-up lamp bulb -M17- Right low beam headlamp bulb -M31- Right low beam headlamp bulb -M31- Right high beam headlamp bulb -M32- Right fog lamp bulb -L23- Right front turn signal bulb -M7- 	30a
F17	Fuse 17 on fuse panel B -SB17-	15A	<ul style="list-style-type: none"> Dual tone horn relay -J4- Low tone horn -H7- High tone horn -H2- 	30a
F18	Fuse 18 on fuse holder B -SB18-	<ul style="list-style-type: none"> 30A 30A 	<ul style="list-style-type: none"> Amplifier -R12- Special purpose vehicle control module - J608- 	30a

F19	- Fuse 19 on fuse panel B -SB19-	30A	- Windshield wiper motor -V- Driver windshield wiper motor -V216- Wiper motor control module -J400-	30a
F20	- Fuse 20 on fuse panel B -SB20-	10A 20A	- Coolant recirculation pump -V50- - Fuel pressure regulator valve -N276- ^{8, 13, 14, 8}	30a
F21	- Fuse 21 on fuse panel B -SB21-	10A 15A 20A	- Oxygen sensor heater -Z19- - Oxygen sensor 2 heater -Z28- - Compressor magnetic clutch -N421- - Heater for oxygen sensor 1 after catalytic converter -Z29- - Front passenger door central locking system motor -V57- - Brake system vacuum pump -V192- ⁹	87a
F22	- Fuse 22 on fuse panel B -SB22-	5A	- Clutch position sensor -G476- Brake lamp switch -F-	87a
F23	- Fuse 23 on fuse holder B -SB23-	10A 15A 10A 5A	- Wastegate bypass regulator valve -N75- - Wastegate bypass regulator valve -N345- ¹⁵ Turbocharger recirculation valve -N249- Secondary air injection solenoid valve -N112- ₁ Leak detection pump -V144- ¹ Fuel pressure regulator valve -N276- Engine component power supply relay -J757- ₇ - Coolant circulation pump relay -J151- ⁷ Secondary air pump relay -J299- ^{10, 7} - Auxiliary coolant pump relay -J496-	87a
F24	- Fuse 24 on fuse panel B -SB24-	10A	- Camshaft adjustment valve 1 -N205- Coolant fan -V7- EVAP canister purge regulator valve 1 -N80- Wastegate bypass regulator valve -N75- Intake manifold runner control valve -N316- ⁷ Secondary air injection solenoid valve -N112- ₇ Turbocharger recirculation valve -N249- Intake manifold tuning valve -N156- Throttle valve control module -J338- Auxiliary coolant pump relay -J496- ¹¹ Oil pressure regulation valve -N428- ⁸	30a

				4-pin connector -T4x- on coolant fan, lower left	
F25	- Fuse 25 on fuse panel B -SB25-	40A	-	ABS control module -J104- ABS hydraulic pump -V64-	30a
F26	- Fuse 26 on fuse panel B -SB26-	30A	-	Vehicle electrical system control module - J519- Left sidemarker lamp bulb -M1- Left front turn signal bulb -M5- Left tail lamp bulb -M4- Left rear turn signal bulb -M6- Left brake lamp bulb -M9- Left low beam headlamp bulb -M29- Left high beam headlamp bulb -M30- Left back-up lamp bulb -M16- Left rear fog lamp bulb -L46- Left front fog lamp bulb -L22-	30a
F27	- Fuse 27 on fuse panel B -SB27-	50A 40A	-	Automatic glow time control module -J179- Secondary air injection pump motor -V101-	30a
F28	- Fuse 28 on fuse panel B -SB28-	-	-	Not used	-
F29	- Fuse 29 on fuse panel B -SB29-	50A	-	Fuse32 on fuse panel C -SC33- Driver power seat adjustment circuit breaker - S44-	30a
F30	- Fuse 30 on fuse panel B -SB30-	50A	-	Load reduction relay -J59-	29a

¹ CBTA, CBUA

² CBTA

³ CBUA

⁴ Gasoline engines

⁵ Diesel

⁶ Stop/Start

⁷ CBFA

⁸ CCTA

⁹ Direct Shift Gearbox 0AM and ABS with ASR

¹⁰ CHGA

¹¹ CBZB

¹² CGGA

¹³ CCZB

¹⁴ CDAA

¹⁵ CAYB, CAYC

Back to overview → **Chapter**

Golf

Component Locations

No. 802 / 18

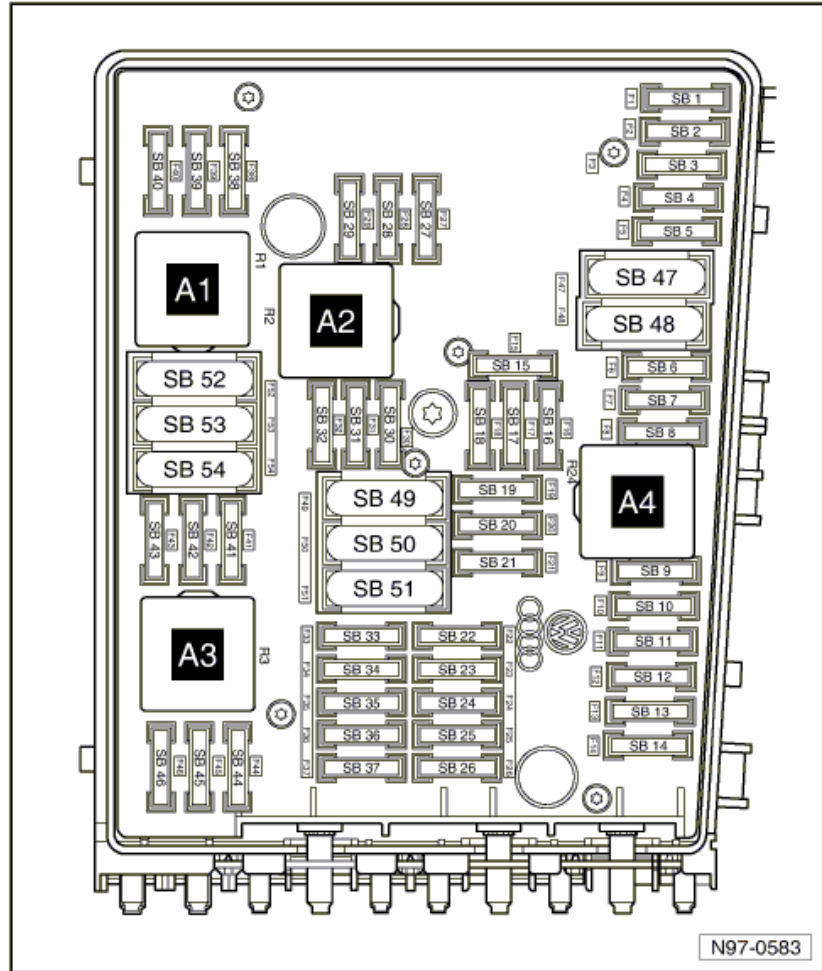
Fuses (SB) on Electronics Box High, engine compartment, left, from November 2009

**Note**

E-box high - only models with engine codes CDLC, CDLF

- Fuse Colors

- 50 A - red
- 40 A - orange
- 30 A - light-green
- 25 A - natural (white)
- 20 A - yellow
- 15 A - light-blue
- 10 A - red
- 7.5 A - brown
- 5 A - light-brown
- 3 A - purple



N97-0583

Golf

Component Locations

No. 802 / 19

[Back to overview](#) → [Chapter](#)**Fuses (SB) on Electronics Box High, engine compartment, left, from November 2009**

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F1	Fuse 1 on fuse panel B --SB1--	30A	Vehicle electrical system control module - J519-	30a
F2	Fuse 2 on fuse holder B -SB2--	20A	ABS control module -J104-	30a
F3	Fuse 3 on fuse holder B -SB3-	-	Not used	-
F4	Fuse 4 on fuse holder B --SB4--	5A	Vehicle electrical system control module - J519- Battery monitoring control module -J367-	30a
F5	Fuse 5 on the fuse panel B --SB5--	15A	Signal horn and dual tone horn -H1-	30a
F6	Fuse 6 on fuse holder B -SB6-	-	Not used	-
F7	Fuse 7 on fuse holder B --SB7--	15A	Fuel pressure regulator valve -N276-	30a
F8	Fuse 8 on fuse panel B --SB8--	-	Not used	-
F9	Fuse 9 on fuse holder B --SB9--	10A	Wastegate bypass regulator valve -N75- EVAP canister purge regulator valve 1 -N80- Turbocharger recirculation valve -N249-	87a
F10	Fuse 10 on fuse holder B --SB10--	10A	Mass airflow sensor -G70- Leak detection pump -V144-	30a
F11	Fuse 11 on fuse panel B --SB11--	10A	Oxygen sensor heater -Z19-	30a
F12	Fuse 12 on fuse holder B --SB12--	10A	Heater for oxygen sensor 1 after catalytic converter -Z29- Heater for oxygen sensor 2 after catalytic converter -Z30-	30a
F13	Fuse 13 on fuse holder B --SB13--	15A	DSG transmission Mechatronic -J743-	87a
F14	Fuse 14 on fuse holder B --SB14--	-	Not used	-
F15	Fuse 15 on fuse holder B --SB15--	10A	Coolant recirculation pump -V50- After-run coolant pump -V51-	30a
F16	Fuse 16 on fuse holder B --SB16--	-	Not used	-
F17	Fuse 17 on fuse holder B --SB17--	5A	Instrument cluster control module -J285- Steering column electronics control module - J527-	30a

				Fuse 47 on fuse panel C -SC47-	
F18	- Fuse 18 on fuse holder B --SB18-	30A	-	Amplifier -R12-	30a
F19	- Fuse 19 on fuse holder B --SB19-	15A	-	Radio -R- Radio/navigation display unit control module -J503- Fuse 28 on ofuse panel C -SC28-	30a
F20	- Fuse 20 on fuse holder B --SB20-	5A 20A	-	Auxiliary heater radio receiver -R64- Cell phone operating electronics control module -J412- Coolant recirculation pump -V50-	30a
F21	- Fuse 21 on fuse holder B --SB21-	-	-	Not used	-
F22	- Fuse 22 on fuse holder B --SB22-	-	-	Not used	-
F23	- Fuse 23 on fuse holder B --SB23-	10A	-	Engine control module -J623- Motronic engine control module power supply relay -J271-	87a
F24	- Fuse 24 on fuse holder B --SB24-	5A	-	Data bus on board diagnostic interface - J533-	87a
F25	- Fuse 25 on fuse holder B --SB25-	-	-	Not used	-
F26	- Fuse 26 on fuse holder B --SB26-	-	-	Not used	-
F27	- Fuse 27 on fuse holder B --SB27-	5A	-	Exhaust door valve 1 -N321-	30a
F28	- Fuse 28 on fuse holder B --SB28-	15A	-	Engine control module -J623-	87a
F29	- Fuse 29 on fuse holder B --SB29-	5A	-	Auxiliary coolant pump relay -J496- Clutch position sensor -G476-	87a
F30	- Fuse 30 on fuse holder B --SB30-	5A	-	Auxiliary heater radio receiver -R64-	30a
F31	- Fuse 31 on fuse holder B --SB31-	30A	-	Windshield wiper motor -V-	30a
F32	- Fuse 32 on fuse holder B --SB32-	-	-	Not used	-
F33	- Fuse 33 on fuse holder B --SB33-	-	-	Not used	-
F34	- Fuse 34 on fuse holder B --SB34-	-	-	Not used	-
F35	- Fuse 35 on fuse holder B --SB35-	-	-	Not used	-

	-				
F36	- Fuse 36 on fuse holder B --SB36-	-	-	Not used	-
F37	- Fuse 37 on fuse holder B --SB37-	-	-	Not used	-
F38	- Fuse 38 on fuse holder B --SB38-	10A	-	Camshaft adjustment valve 1 -N205- Coolant fan control module -J293- Coolant fan -V7-	87a
F39	- Fuse 39 on fuse holder B --SB39-	5A	-	Clutch position sensor -G476- Brake lamp switch -F-	87a
F40	- Fuse 40 on fuse holder B --SB40-	20A	-	Ignition coil 1 with power output stage -N70- Ignition coil 2 with power output stage -N127- Ignition coil 3 with power output stage -N291- Ignition coil 4 with power output stage -N292-	30a
F41	- Fuse 41 on fuse holder B --SB41-	-	-	Not used	-
F42	- Fuse 42 on fuse holder B --SB42-	5A	-	Engine component power supply relay -J757-	30a
F43	- Fuse 43 on fuse holder B --SB43-	-	-	Not used	-
F44	- Fuse 44 on fuse holder B --SB44-	-	-	Not used	-
F45	- Fuse 45 on fuse holder B --SB45-	-	-	Not used	-
F46	- Fuse 46 on fuse holder B --SB46-	-	-	Not used	-
F47	- Fuse 47 on fuse holder B --SB47-	30A	-	Vehicle electrical system control module - J519-	30a
F48	- Fuse 48 on fuse holder B --SB48-	40A	-	ABS control module -J104-	30a
F49	- Fuse 49 on fuse holder B --SB49-	40A	-	Terminal 15 power supply relay 2 -J681- Fuel pump control module -J538- Terminal 15 power supply relay -J329-	30a
F50	- Fuse 50 on fuse holder B --SB50-	-	-	Not used	-
F51	- Fuse 51 on fuse holder B --SB51-	-	-	Not used	-
F52	- Fuse 52 on fuse holder B --SB52-	50A	-	Load reduction relay -J59-	29a
F53	- Fuse 53 on fuse holder B --SB53-	50A	-	Fuse 32 on fuse panel C -SC32 -	30a

		-				
F54	-	Fuse 54 on fuse holder B --SB54-	-	-	Not used	-
		-				

Back to overview → **Chapter**

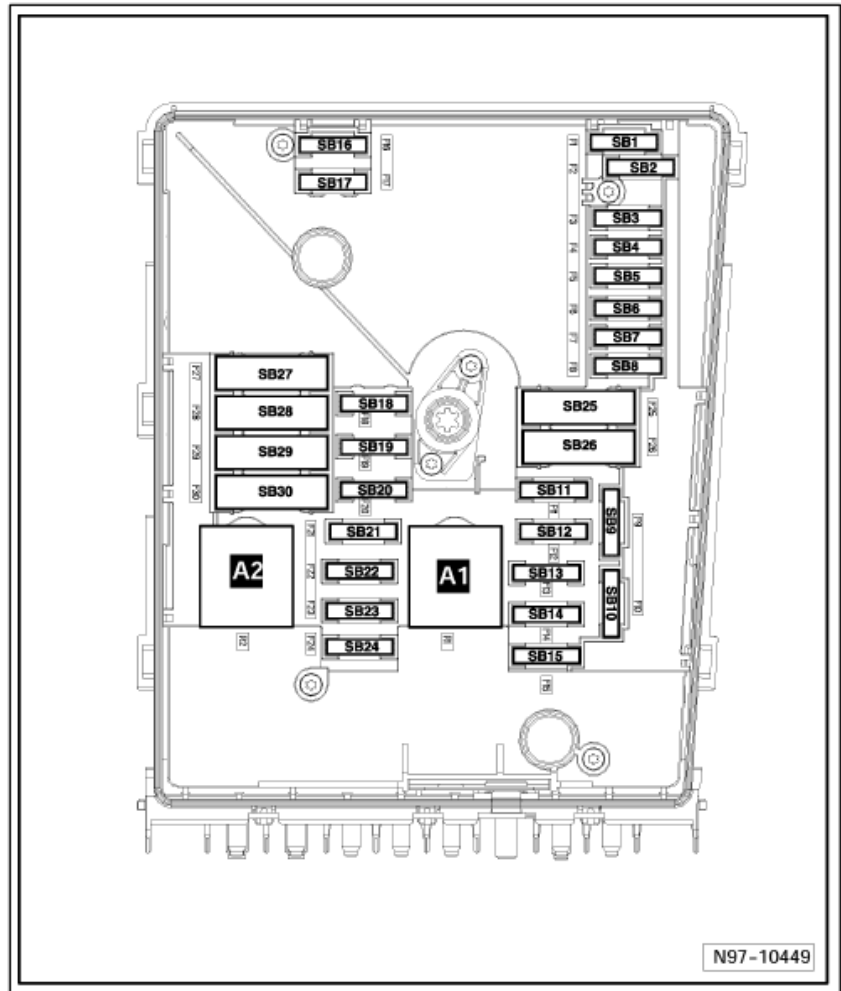
Golf

Component Locations

No. 802 / 20

Fuses (SB) on electronics box low for the left engine compartment, Golf Blue-E-Motion**- Fuse Colors**

- 50 A - red
- 40 A - orange
- 30 A - light-green
- 25 A - natural (white)
- 20 A - yellow
- 15 A - light-blue
- 10 A - red
- 7.5 A - brown
- 5 A - light-brown
- 3 A - purple



Golf

Component Locations

No. 802 / 21

[Back to overview](#) → [Chapter](#)**Position of fuses for electronics box low, Golf Blue-E-Motion**

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F1	- Fuse 1 on fuse holder B -SB1-	20A	- Structure borne sound control module -J869-	30a
F2	- Fuse 2 on fuse panel B -SB2-	-	- Not used	-
F3	- Fuse 3 on fuse holder B -SB3-	20A	- Vehicle electrical system control module - J519- Battery monitoring control module -J367-	30a
F4	- Fuse 4 on fuse holder B -SB4-	30A	- ABS control module -J104-	30a
F5	- Fuse 5 on fuse holder B -SB5-	-	- Not used	-
F6	- Fuse 6 on fuse holder B -SB6-	5A	- Instrument cluster control module -J285- Steering column electronics control module - J527-	30a
F7	- Fuse 7 on the fuse panel B -SB7-	40A	- Terminal 15 power supply relay -J329-	30a
F8	- Fuse 8 on fuse holder B -SB8-	15A 20A	- Radio -R- Radio/navigation display unit control module - J503-	30a
F9	- Fuse 9 on fuse holder B -SB9-	5A	- Cell phone operating electronics control module -J412-	87a
F10	- Fuse 10 on fuse holder B -- SB10--	-	- Not used	-
F11	- Fuse 11 on fuse panel B --SB11- -	-	- Not used	-
F12	- Fuse 12 on fuse panel B -SB12-	5A	- Data bus on board diagnostic interface -J533-	30a
F13	- Fuse 13 on fuse panel B -SB13-	30A	- Engine control module -J623-	87a
F14	- Fuse 14 on fuse panel B -SB14-	25A	- Vacuum pump relay -J318- Brake booster vacuum pump -V469-	87a
F15	- Fuse 15 on fuse panel B -SB15-	10A	- Coolant pump in front of electric drive power and control electronics -V508-	87a
F16	- Fuse 16 on fuse panel B -SB16-	30A	- Vehicle electrical system control module - J519- Right rear turn signal bulb -M8- Right brake lamp bulb -M10- Right tail lamp bulb -M2- Right side marker lamp bulb -M3- Right back-up lamp bulb -M17- Right low beam headlamp bulb -M31- Right low beam headlamp bulb -M31-	30a

				Right high beam headlamp bulb -M32- Right fog lamp bulb -L23- Right front turn signal bulb -M7-	
F17	- Fuse 17 on fuse panel B -SB17-	15A	-	Dual tone horn relay -J4- Low tone horn -H7- High tone horn -H2-	30a
F18	- Fuse 18 on fuse holder B -SB18- -	30A	-	Amplifier -R12-	30a
F19	- Fuse 19 on fuse panel B -SB19-	30A	-	Windshield wiper motor -V- Driver windshield wiper motor -V216- Wiper motor control module -J400-	30a
F20	- Fuse 20 on fuse panel B -SB20-	-	-	Not used	-
F21	- Fuse 21 on fuse panel B -SB21-	10A	-	Heater coolant shut-off valve -N279- - High voltage battery coolant shut-off valve - N540-	87a
F22	- Fuse 22 on fuse panel B -SB22-	5A		Brake lamp switch -F-	87a
F23	- Fuse 23 on fuse holder B -SB23-	-	-	Not used	-
F24	- Fuse 24 on fuse panel B -SB24-	5A	-	Coolant fan control module -J293-	87a
F25	- Fuse 25 on fuse panel B -SB25-	40A	-	ABS control module -J104- ABS hydraulic pump -V64-	30a
F26	- Fuse 26 on fuse panel B -SB26-	30A	-	Vehicle electrical system control module - J519- Left sidemarker lamp bulb -M1- Left front turn signal bulb -M5- Left tail lamp bulb -M4- Left rear turn signal bulb -M6- Left brake lamp bulb -M9- Left low beam headlamp bulb -M29- Left high beam headlamp bulb -M30- Left back-up lamp bulb -M16- Left rear fog lamp bulb -L46- Left front fog lamp bulb -L22-	30a
F27	- Fuse 27 on fuse panel B -SB27-	60A	-	Windshield Heater Relay -J47-	30a
F28	- Fuse 28 on fuse panel B -SB28-	-	-	Not used	-
F29	- Fuse 29 on fuse panel B -SB29-	50A	-	Fuse32 on fuse panel C -SC32 -SC32-	30a
F30	- Fuse 30 on fuse panel B -SB30-	50A	-	Load reduction relay -J59-	29a

[Back to overview](#) → [Chapter](#)

Golf

Component Locations

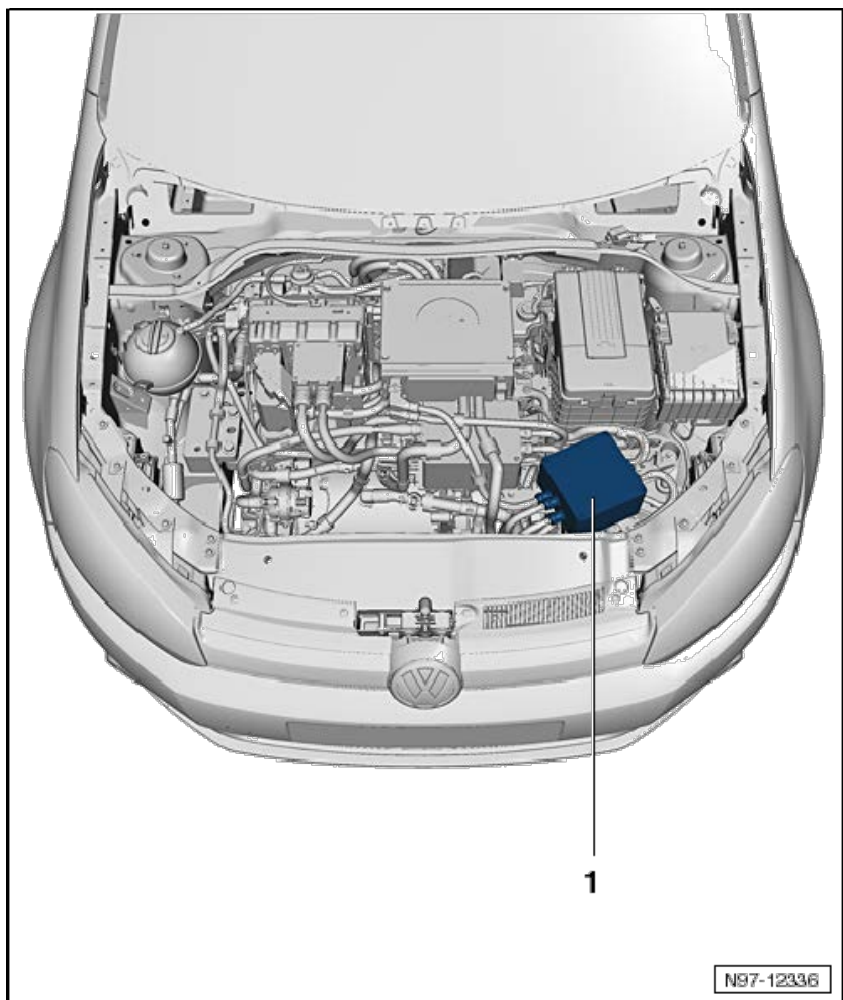
No. 802 / 22

Installed location of fuses (SF) in the high voltage charge network distributor -SX4-

Engine code (German abbreviation EAAA), USA

**DANGER!****High voltage may be deadly!****Note***Read the information for handling high voltage lines → Rep. Gr. 93***1 - Fuse panel F -SF- in the high voltage charge network distributor -SX4-****Torque Settings**

⇒ Electrical Equipment, Repair Group 97, Removal and Installation, Fuse Panel

**Back to overview → Chapter**

Golf

Component Locations

No. 802 / 23

Fuses (SF) on the fuse panel F, Golf blue-e-motion, in the high voltage charge network distributor -SX4-

Engine code (German abbreviation EAAA), USA



DANGER!

High voltage may be deadly!

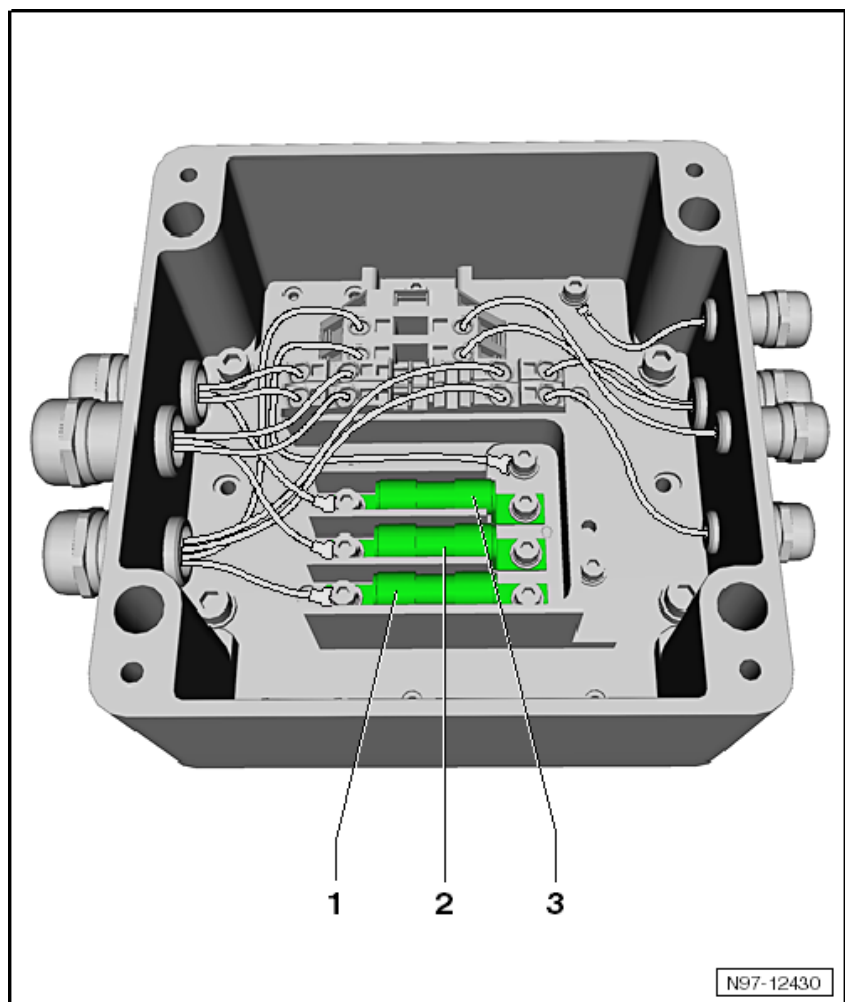


Note

Read the information before beginning work on the high voltage system (HV) → Rep. Gr. 93

Torque Settings

⇒ Electrical Equipment, Repair
Group 97, Removal and
Installation, Fuse Panel



Golf**Component Locations****No. 802 / 24**

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
1	Fuse 1 on fuse panel F -SF1-	20A	- Charger 1 for high-voltage battery -AX4-	HV
2	Fuse 2 on fuse panel F -SF2-	20A	- Charger 2 for high-voltage battery -AX5-	HV
3	Fuse 3 on fuse panel F -SF3-	20A	- Charger 3 for high-voltage battery -AX6-	HV

Back to overview → **Chapter**

Golf

Component Locations

No. 802 / 25

Installation location of fuses (SD) in the connection- and junction box 1 -SX1-

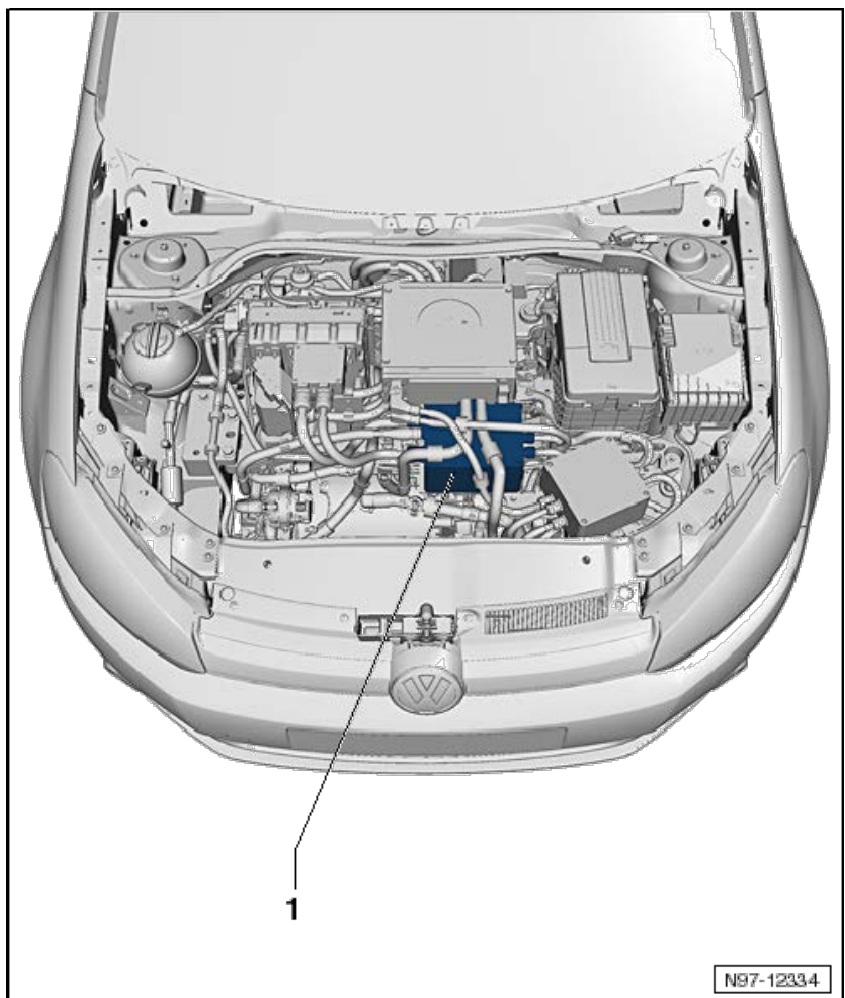
Engine code (German abbreviation EAAA)

**DANGER!****High voltage may be deadly!****Note***Read the information for handling high voltage lines → Rep. Gr. 93*

- 1 - Fuse panel D -SD- in the connection- and junction box 1 -SX1-

Torque Settings

⇒ Electrical Equipment, Repair Group 97, Removal and Installation, Fuse Panel

**Back to overview → Chapter**

Golf

Component Locations

No. 802 / 26

Fuse positions (SD) on fuse panel D, Golf-Blue-E-Motion in the connection- and junction box 1 -SX1-

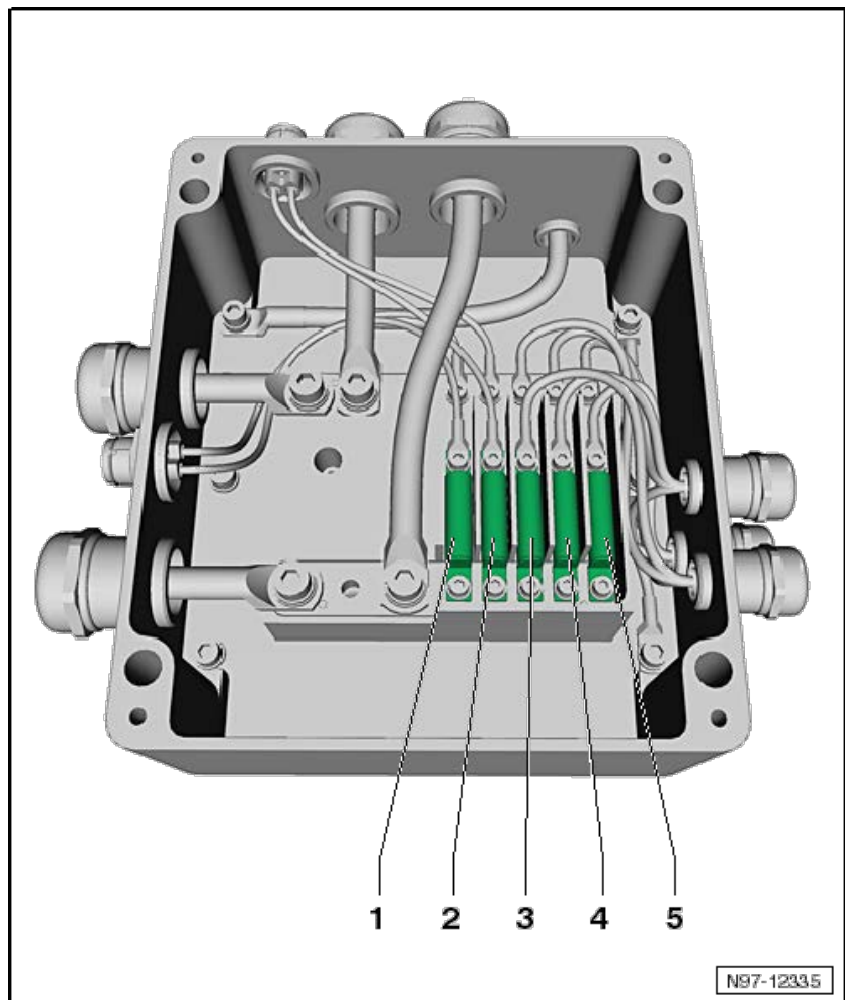
Engine code (German abbreviation EAAA)

**DANGER!****High voltage may be deadly!****Note**

Read the information before beginning work on the high voltage system (HV) → Rep. Gr. 93

Torque Settings

⇒ Electrical Equipment, Repair
Group 97, Removal and
Installation, Fuse Panel



Golf

Component Locations

No. 802 / 27

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
1	Fuse 1 on fuse panel D -SD1-	30A	- Electrical A/C compressor -V470- A/C compressor control module -J842-	HV
2	Fuse 2 on fuse panel D -SD2-	30A	- High voltage heating system (PTC) -Z115-	HV
3	Fuse 3 on fuse panel D -SD3-	20A	- Charger 1 for high-voltage battery -AX4-	HV
4	Fuse 4 on fuse panel D -SD4-	20A	- Charger 2 for high-voltage battery -AX5-	HV
5	Fuse 5 on fuse panel D -SD5-	20A	- Charger 3 for high-voltage battery -AX6-	HV

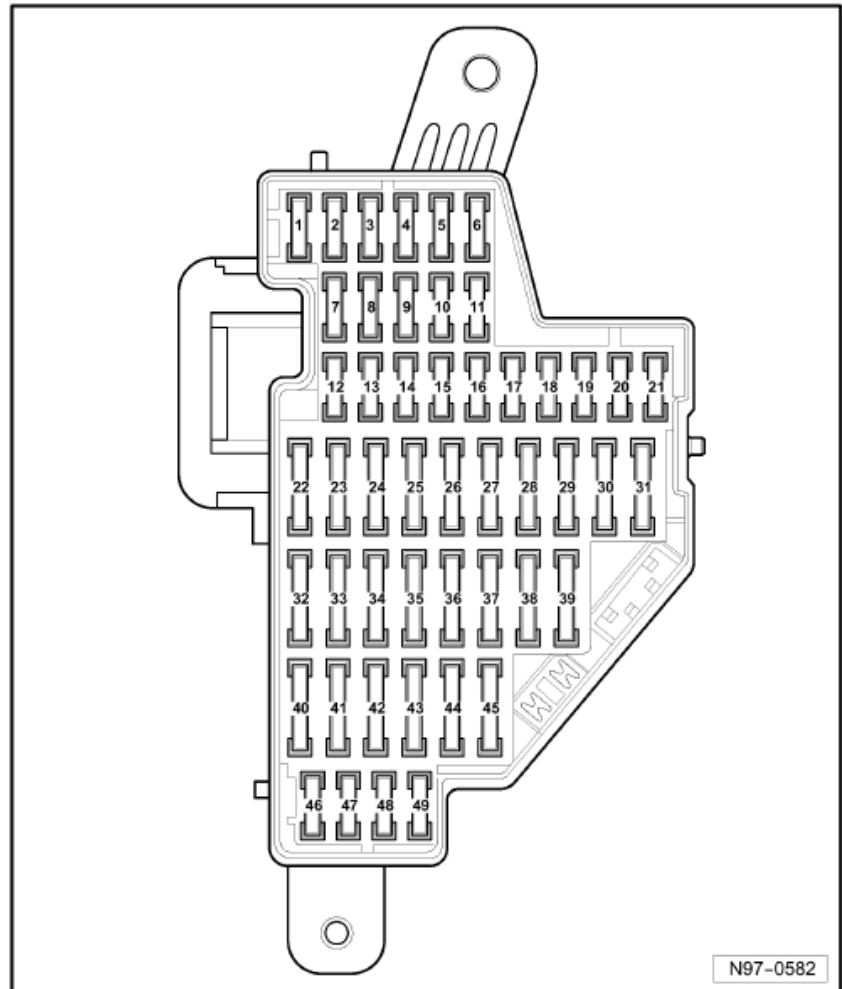
[Back to overview](#) → [Chapter](#)

Golf

Component Locations

No. 802 / 28

Fuse Arrangements (SC) on the fuse panel C on the instrument panel on the driver's side, from October 2008



Torque Settings

⇒ Electrical Equipment, Repair Group 97, Removal and Installation, Fuse Panel

Fuse Colors

30 A - light-green

25 A - natural (white)

20 A - yellow

15 A - light-blue

10 A - red

7.5 A - brown

5 A - light-brown

3 A - purple

Back to overview → **Chapter**

Golf

Component Locations

No. 802 / 29

Fuse Arrangements (SC) on the fuse panel C on the instrument panel on the driver's side, from October 2008

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F1	- Fuse 1 on fuse panel C -SC1-	10A	- 16-pin connector -T16- (diagnostic connector) Instrument panel and switch illumination dimmer switch -E20- Mass airflow sensor -G70- Auxiliary heater operation relay -J485- Electronic damping control module -J250- Cornering lamp and headlamp range control module -J745- Positive crankcase ventilation heating element -N79- Left headlamp beam adjustment motor -V48- Right headlamp beam adjustment motor -V49- Adaptive cruise control sensor -G550- Brake lamp switch -F- Parallel parking assistance control module -J791-	15a
F2	- Fuse 2 on fuse panel C -SC2-	10A	- Light switch -E1- Brake lamp switch -F- ABS control module -J104- Instrument cluster control module -J285- Towing recognition control module -J345- Power steering control module -J500- Data bus on board diagnostic interface -J533- Fuel pump control module -J538- Selector lever sensor system control module -J587- Engine control module -J623- DSG transmission Mechatronic -J743-	15a
F3	- Fuse3 on fuse panel C -SC3-	5A	- Airbag control module -J234-	15a
F4	- Fuse4 on fuse panel C -SC4-	5A	- High pressure sensor -G65- Oil level thermal sensor -G266-	15a

				Climatronic control unit -J255- Automatic dimming interior rearview mirror -Y7- Air quality sensor -G238- Back-up lamp switch -F4- ASR/ESP button -E256- Heater/heat output switch -E16- Garage door opener button 1 -E392- Automatic dimming interior rearview mirror -Y7- Tire pressure monitoring display button -E492- Parallel parking assistance control module -J791-	
F5	- Fuse5 on fuse panel C -SC5-	-	-	Not used	-
F6	- Fuse 6 on fuse panel C -SC6-	-	-	Not used	-
F7	- Fuse7 on fuse panel C -SC7-	-	-	Not used	-
F8	- Fuse 8 on fuse panel C -SC8-	-	-	Not used	-
F9	- Fuse9 on fuse panel C -SC9-	-	-	Not used	-
F10	- Fuse10 on fuse panel C -SC10-	-	-	Not used	-
F11	- Fuse11 on fuse panel C -SC11-	-	-	Not used	-
F12	- Fuse12 on fuse panel C -SC12-	10A	-	Driver door control module -J386- Front passenger door control module -J387-	30a
F13	- Fuse13 on fuse panel C -SC13-	10A	-	Light switch -E1- 16-pin connector -T16- (diagnostic connector) Rain/light recognition sensor -G397- Rearview camera -R189-	30a
F14	- Fuse 14 on fuse panel C -SC14-	10A	-	Climatronic control unit -J255- A/C control module -J301- Selector lever sensor system control module -J587- Auxiliary engine coolant heater radio frequency receiver -R149-	30a
F15	- Fuse 15 on use panel C -SC15-	20A	-	Vehicle electrical system control module -J519-	30a
F16	- Fuse16 on fuse panel C -SC16-	5A	-	Release button in rear lid handle -E234-	-
F17	- Fuse17 on fuse panel C -SC17-	5A	-	Alarm horn -H12- Interior monitoring transceiver module 1 -G303- Interior monitoring transceiver module 2 -G305-	30a

				Vehicle inclination sensor -G384-	
F18	- Fuse18 on fuse panel C -SC18-	-	-	Not used	-
F19	- Fuse19 on fuse panel C -SC19-	-	-	Not used	-
F20	- Fuse20 on fuse panel C -SC20-	-	-	Not used	-
F21	- Fuse 21on fuse panel C -SC21-	-	-	Not used	-
F22	- Fuse 22 on fuse panel C -SC22-	40A	-	Fresh air blower control module -J126-	30a
F23	- Fuse23 on fuse panel C -SC23-	30A	-	Driver door control module -J386- Front passenger door control module -J387-	30a
F24	- Fuse24 on fuse panel C -SC24-	20A	-	Left rear door control module -J388- Right rear door control module -J389-	-
F25	- Fuse25 on fuse panel C -SC25-	25A	-	Heated rear window -Z1- auxiliary heater	30a
F26	- Fuse 26 on fuse panel C -SC26-	30A	-	Left rear door control module -J388- Right rear door control module -J389-	30a
F27	- Fuse 27 on fuse panel C -SC27-	15A	-	Fuel pump control module -J538- Fuel pump relay -J17- Auxiliary fuel pump relay -J832-	30a
F28	- Fuse 28 on ofuse panel C -SC28-	-	-	Not used	-
F29	- Fuse 29 on fuse panel C -SC29-	-	-	Not used	-
F30	- Fuse 30 on fuse panel C -SC30-	20A	-	Automatic transmission control module - J217- DSG transmission Mechatronic -J743-	30a
F31	- Fuse 31 on fuse panel C -SC31-	20A	-	Brake system vacuum pump -V192-	30a
F32	- Fuse32 on fuse panel C -SC32 - SC32-	30A	-	Converter with socket, 12 V-230 V -U13-	30a
F33	- Fuse 33 on fuse panel C -SC33-	25A	-	Power sunroof control module -J245-	30a
F34	- Fuse 34 on fuse panel C -SC34-	15A	-	Driver seat lumbar support adjustment switch -E176- Front passenger seat lumbar support adjustment switch -E177-	30a
F35	- Fuse 35 on fuse panel C -SC35-	10A	-	Electronic damping control module -J250-	30a
F36	- Fuse 36 on fuse panel C -SC36-	20A	-	Headlamp washer relay -J39- Headlamp washer system pump -V11-	30a
F37	- Fuse 37 on fuse panel C -SC37-	30A	-	Front seat heating control module -J774-	30a
F38	- Fuse 38 on fuse panel C -SC38-	-	-	Not used	-
F39	- Fuse 39 on fuse panel C -SC39-	-	-	Not used	-
F40	- Fuse 40 on fuse panel C -SC40-	40A	-	A/C control module -J301- Auxiliary heater operation relay -J485-	75a
F41	- Fuse 41 on fuse panel C -SC41-	15A	-	Rear window wiper motor -V12-	75a
F42	- Fuse 42 on fuse panel C -SC42-	20A	-	Blocking diode 2 -J811-	75a

				Cigarette lighter -U1- 12 V socket -U5-	
F43	-	Fuse 43 on the fuse panel C - SC43-	15A	-	Towing recognition control module -J345- 75a
F44	-	Fuse 44 on fuse panel C -SC44-	20A	-	Towing recognition control module -J345- 30a
F45	-	Fuse 45 on fuse panel C -SC45-	15A	-	Towing recognition control module -J345- 30a
F46	-	Fuse 46 on fuse panel C -SC46-	-	-	Not used -
F47	-	Fuse 47 on fuse panel C -SC47-	-	-	Not used -
F48	-	Fuse 48 on fuse panel C -SC48-	-	-	Not used -
F49	-	Fuse 49 on fuse panel C -SC49-	-	-	Not used -

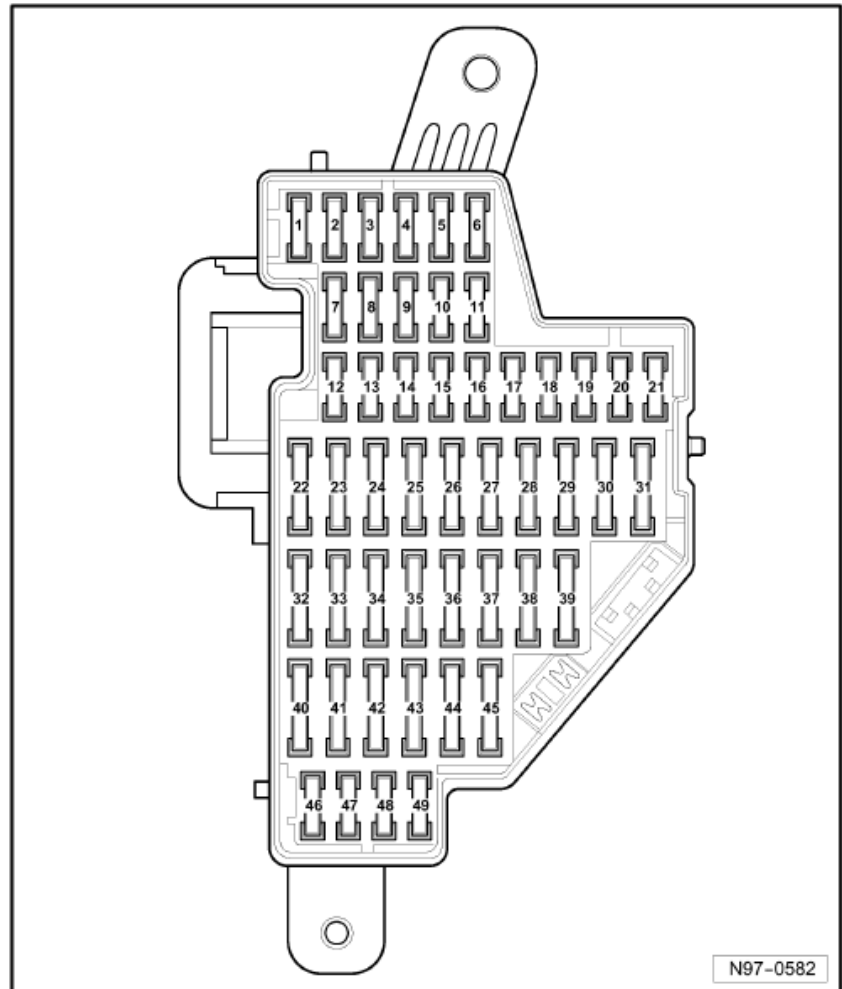
Back to overview → **Chapter**

Golf

Component Locations

No. 802 / 30

Fuse Arrangements (SC) on the fuse panel C on instrument panel on the driver's side, from May 2009



Torque Settings

⇒ Electrical Equipment, Repair Group 97, Removal and Installation, Fuse Panel

Fuse Colors

- 30 A - light-green
- 25 A - natural (white)
- 20 A - yellow
- 15 A - light-blue
- 10 A - red
- 7.5 A - brown
- 5 A - light-brown

3 A - purple

Back to overview → **Chapter**

Golf

Component Locations

No. 802 / 31

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F1	Fuse 1 on fuse panel C -SC1-	10A	- 16-pin connector -T16- (diagnostic connector) Instrument panel and switch illumination dimmer switch -E20- Mass airflow sensor -G70- Auxiliary heater operation relay -J485- Electronic damping control module -J250- Cornering lamp and headlamp range control module -J745- Positive crankcase ventilation heating element -N79- Left headlamp beam adjustment motor -V48- Right headlamp beam adjustment motor -V49- Adaptive cruise control sensor -G550- Headlamp range control adjuster -E102- Brake lamp switch -F- Parallel parking assistance control module -J791- Structure-borne sound actuator -R214- ³	15a
F2	Fuse 2 on fuse panel C -SC2-	10A	- Light switch -E1- Brake lamp switch -F- ABS control module -J104- Instrument cluster control module -J285- Towing recognition control module -J345- Power steering control module -J500- Data bus on board diagnostic interface -J533- Fuel pump control module -J538- Voltage stabilizer -J532- ² Selector lever sensor system control module -J587- Fuel pump relay -J17- ¹ Fuel primer relay -J643- Engine control module -J623- Driving program button -E598- ³ DSG transmission Mechatronic -J743-	15a
F3	Fuse3 on fuse panel C -SC3-	5A	- Airbag control module -J234-	15a
F4	Fuse4 on fuse panel C -SC4-	5A	- High pressure sensor -G65-	15a

				Oil level thermal sensor -G266- Climatronic control unit -J255- Automatic dimming interior rearview mirror - Y7- Air quality sensor -G238- Back-up lamp switch -F4- ASR/ESP button -E256- Heater/heat output switch -E16- Garage door opener button 1 -E392- Automatic dimming interior rearview mirror - Y7- Tire pressure monitoring display button -E492- Parallel parking assistance control module - J791- Automatic dimming interior rearview mirror switch -E386- A/C system time delay relay -J70- Airbag control module -J234-	
F5	- Fuse5 on fuse panel C -SC5-	10A	-	Right cornering lamp and headlamp range control module -J745-	15a
F6	- Fuse 6 on fuse panel C -SC6-	10A	-	Left cornering lamp and headlamp range control module -J745-	-
F7	- Fuse7 on fuse panel C -SC7-	-	-	Not used	-
F8	- Fuse 8 on fuse panel C -SC8-	-	-	Not used	-
F9	- Fuse9 on fuse panel C -SC9-	-	-	Not used	-
F10	- Fuse10 on fuse panel C -SC10-	-	-	Not used	-
F11	- Fuse11 on fuse panel C -SC11-	-	-	Not used	-
F12	- Fuse12 on fuse panel C -SC12-	10A	-	Driver door control module -J386- Front passenger door control module -J387-	30a
F13	- Fuse13 on fuse panel C -SC13-	10A	-	Light switch -E1- 16-pin connector -T16- (diagnostic connector) Rain/light recognition sensor -G397- Rearview camera -R189- Rear window defogger relay -J9- Fog lamp switch -E7-	
F14	- Fuse 14 on fuse panel C -SC14-	10A	-	Climatronic control unit -J255- A/C control module -J301- Selector lever sensor system control module - J587- Auxiliary engine coolant heater radio frequency receiver -R149-	30a

F15	- Fuse 15 on use panel C -SC15-	20A	- Vehicle electrical system control module - J519-	30a
F16	- Fuse16 on fuse panel C -SC16-	5A	- Release button in rear lid handle -E234-	-
F17	- Fuse17 on fuse panel C -SC17-	5A	- Alarm horn -H12- Interior monitoring transceiver module 1 - G303- Interior monitoring transceiver module 2 - G305- Vehicle inclination sensor -G384- Vehicle electrical system control module - J519- Dual tone horn relay -J4-	30a
F18	- Fuse18 on fuse panel C -SC18-	-	- Not used	-
F19	- Fuse19 on fuse panel C -SC19-	-	- Not used	-
F20	- Fuse20 on fuse panel C -SC20-	-	- Not used	-
F21	- Fuse 21on fuse panel C -SC21-	-	- Not used	-
F22	- Fuse 22 on fuse panel C -SC22-	40A	- Fresh air blower control module -J126-	30a
F23	- Fuse23 on fuse panel C -SC23-	30A	- Driver door control module -J386- Front passenger door control module -J387-	30a
F24	- Fuse24 on fuse panel C -SC24-	20A	- Left rear door control module -J388- Right rear door control module -J389- Vehicle electrical system control module - J519-	-
F25	- Fuse25 on fuse panel C -SC25-	25A	- Heated rear window -Z1- auxiliary heater	30a
F26	- Fuse 26 on fuse panel C -SC26-	30A	- Left rear door control module -J388- Right rear door control module -J389-	30a
F27	- Fuse 27 on fuse panel C -SC27-	15A	- Fuel pump control module -J538- Fuel pump relay -J17- Auxiliary fuel pump relay -J832-	30a
F28	- Fuse 28 on ofuse panel C - SC28-	-	- Not used	-
F29	- Fuse 29 on fuse panel C -SC29-	-	- Not used	-
F30	- Fuse 30 on fuse panel C -SC30-	20A	- Automatic transmission control module -J217- DSG transmission Mechatronic -J743-	30a
F31	- Fuse 31 on fuse panel C -SC31-	20A	- Brake system vacuum pump -V192-	30a
F32	- Fuse32 on fuse panel C -SC32 - SC32-	30A	- Converter with socket, 12 V-230 V -U13-	30a
F33	- Fuse 33 on fuse panel C -SC33-	25A	- Power sunroof control module -J245-	30a
F34	- Fuse 34 on fuse panel C -SC34-	15A	- Driver seat lumbar support adjustment switch -E176- Front passenger seat lumbar support	30a

				adjustment switch -E177-	
F35	- Fuse 35 on fuse panel C -SC35-	10A	-	Electronic damping control module -J250-	30a
F36	- Fuse 36 on fuse panel C -SC36-	20A	-	Headlamp washer relay -J39- Headlamp washer system pump -V11-	30a
F37	- Fuse 37 on fuse panel C -SC37-	30A	-	Front seat heating control module -J774-	30a
F38	- Fuse 38 on fuse panel C -SC38-	-	-	Not used	-
F39	- Fuse 39 on fuse panel C -SC39-	-	-	Not used	-
F40	- Fuse 40 on fuse panel C -SC40-	40A	-	A/C control module -J301- Auxiliary heater operation relay -J485- Heater/heat output switch -E16-	75a
F41	- Fuse 41 on fuse panel C -SC41-	15A	-	Rear window wiper motor -V12-	75a
F42	- Fuse 42 on fuse panel C -SC42-	20A	-	Blocking diode 2 -J811- Cigarette lighter -U1- 12 V socket -U5-	75a
F43	- Fuse 43 on the fuse panel C -SC43-	15A	-	Towing recognition control module -J345-	75a
F44	- Fuse 44 on fuse panel C -SC44-	20A	-	Towing recognition control module -J345-	30a
F45	- Fuse 45 on fuse panel C -SC45-	15A	-	Towing recognition control module -J345-	30a
F46	- Fuse 46 on fuse panel C -SC46-	-	-	Not used	-
F47	- Fuse 47 on fuse panel C -SC47-	-	-	Not used	-
F48	- Fuse 48 on fuse panel C -SC48-	5A	-	Compass magnetic field sensor -G197- ²	30a
F49	- Fuse 49 on fuse panel C -SC49-	-	-	Not used	-

¹ CBTA,CBUA

² Start/Stop

³ CDLA

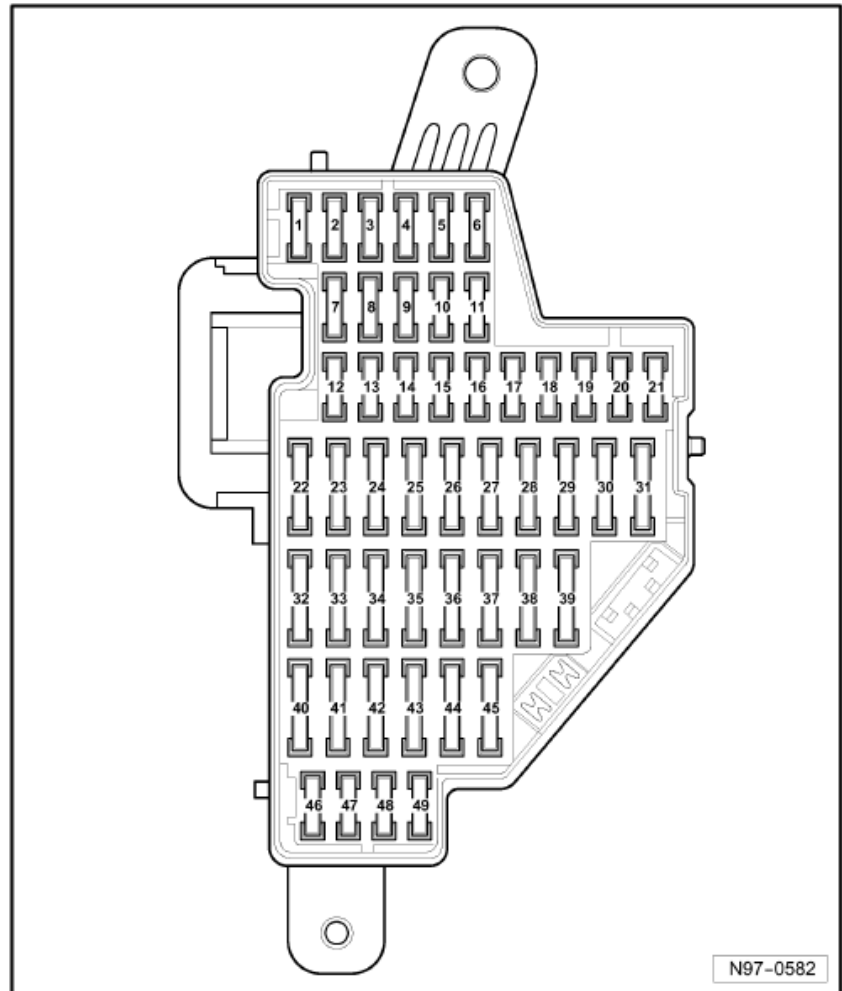
Back to overview → Chapter

Golf

Component Locations

No. 802 / 32

Fuse Arrangements (SC) on the fuse panel C on instrument panel on the driver's side, from November 2009



Torque Settings

⇒ Electrical Equipment, Repair Group 97, Removal and Installation, Fuse Panel

Fuse Colors

- 30 A - light-green
- 25 A - natural (white)
- 20 A - yellow
- 15 A - light-blue
- 10 A - red
- 7.5 A - brown
- 5 A - light-brown

3 A - purple

Back to overview → **Chapter**

Golf

Component Locations

No. 802 / 33

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F1	Fuse 1 on fuse panel C -SC1-	10A	- 16-pin connector -T16- (diagnostic connector) Instrument panel and switch illumination dimmer switch -E20- Mass airflow sensor -G70- Auxiliary heater operation relay -J485- Electronic damping control module -J250- Headlamp range control module -J431- Positive crankcase ventilation heating element -N79- Left headlamp beam adjustment motor -V48- Right headlamp beam adjustment motor -V49- Distance regulation control module -J428- Headlamp range control adjuster -E102- Brake lamp switch -F- Parallel parking assistance control module -J791- Structure-borne sound actuator -R214- ³ Voltage stabilizer -J532- ⁵	15a
F2	Fuse 2 on fuse panel C -SC2-	10A	- Light switch -E1- Brake lamp switch -F- ABS control module -J104- Instrument cluster control module -J285- Towing recognition control module -J345- Power steering control module -J500- Data bus on board diagnostic interface -J533- Fuel pump control module -J538- Voltage stabilizer -J532- ² Selector lever sensor system control module -J587- Fuel pump relay -J17- ¹ Engine control module -J623- ⁴ Driving program button -E598- ³ Starter relay 1 -J906- ²	15a

				Starter relay 2 -J907- ² DSG transmission Mechatronic -J743- All wheel drive control module -J492-	
F3	- Fuse3 on fuse panel C -SC3-	5A	-	Airbag control module -J234-	15a
F4	- Fuse4 on fuse panel C -SC4-	5A	-	High pressure sensor -G65- Oil level thermal sensor -G266- Passenger occupant detection system control module -J706- Automatic dimming interior rearview mirror -Y7- Air quality sensor -G238- Back-up lamp switch -F4- ASR/ESP button -E256- Heater/heat output switch -E16- Garage door opener button 1 -E392- Automatic dimming interior rearview mirror -Y7- Tire pressure monitoring display button -E492- Parallel parking assistance control module -J791- Automatic dimming interior rearview mirror switch -E386- A/C system time delay relay -J70- Airbag control module -J234- Start/Stop mode button -E693- ² Power steering control module -J500-	15a
F5	- Fuse5 on fuse panel C -SC5-	10A	-	Cornering lamp and headlamp range control module -J745- , right	15a
F6	- Fuse 6 on fuse panel C -SC6-	10A	-	Cornering lamp and headlamp range control module -J745- , left	-
F7	- Fuse7 on fuse panel C -SC7-	-	-	Not used	-
F8	- Fuse 8 on fuse panel C -SC8-	-	-	Not used	-
F9	- Fuse9 on fuse panel C -SC9-	-	-	Not used	-
F10	- Fuse10 on fuse panel C -SC10-	-	-	Not used	-
F11	- Fuse11 on fuse panel C -SC11-	-	-	Not used	-
F12	- Fuse12 on fuse panel C -SC12-	10A	-	Driver door control module -J386- , central locking Front passenger door control module -J387- , central locking	30a
F13	- Fuse13 on fuse panel C -SC13-	10A	-	Light switch -E1- 16-pin connector -T16- (diagnostic	

			connector) Rain/light recognition sensor -G397- Rear window defogger relay -J9- Fog lamp switch -E7- Compass magnetic field sensor -G197-	
F14	Fuse 14 on fuse panel C -SC14-	10A	- Climatronic control unit -J255- A/C control module -J301- Selector lever sensor system control module -J587- Automatic transmission control module -J217- Tiptronic switch -F189- Auxiliary engine coolant heater radio frequency receiver -R149- Vehicle electrical system control module -J519-	30a
F15	Fuse 15 on use panel C -SC15-	20A	- Left rear door control module -J388- , central locking - Right rear door control module -J389- , central locking	30a
F16	Fuse16 on fuse panel C -SC16-	10A	- Release button in rear lid handle -E234- - Rearview camera -R189-	30a
F17	Fuse17 on fuse panel C -SC17-	10A	- Alarm horn -H12- Interior monitoring transceiver module 1 -G303- Interior monitoring transceiver module 2 -G305- Vehicle inclination sensor -G384- Vehicle electrical system control module -J519- Dual tone horn relay -J4-	30a
F18	Fuse18 on fuse panel C -SC18-	-	- Not used	-
F19	Fuse19 on fuse panel C -SC19-	5A	- Special purpose vehicle control module -J608- Engine speed decrease control module -J542-	30a
F20	Fuse20 on fuse panel C -SC20-	-	- Not used	-
F21	Fuse 21on fuse panel C -SC21-	-	- Not used	-
F22	Fuse 22 on fuse panel C -SC22-	40A	- Fresh air blower control module -J126-	30a
F23	Fuse23 on fuse panel C -SC23-	30A	- Driver door control module -J386- , window regulator	30a

				Front passenger door control module -J387- , window regulator	
F24	Fuse24 on fuse panel C -SC24-	20A	-	Vehicle electrical system control module - J519-	30a
F25	Fuse25 on fuse panel C -SC25-	25A	-	Rear window defogger -Z1- Rear window defogger relay -J9- Fresh air blower relay -J13-	30a
F26	Fuse 26 on fuse panel C -SC26-	30A	-	Left rear door control module -J388- , window regulator Right rear door control module -J389- , window regulator	30a
F27	Fuse 27 on fuse panel C -SC27-	15A	-	Fuel pump control module -J538- Fuel pump relay -J17- Fuel primer relay -J643- Auxiliary fuel pump relay -J832-	30a
F28	Fuse 28 on ofuse panel C -SC28-	15A	-	Radio -R- ² TV tuner -R78- ² Radio/navigation display unit control module -J503- ²	30a
F29	Fuse 29 on fuse panel C -SC29-	-	-	Not used	-
F30	Fuse 30 on fuse panel C -SC30-	20A	-	Automatic transmission control module - J217- DSG transmission Mechatronic -J743-	30a
F31	Fuse 31 on fuse panel C -SC31-	20A	-	Brake system vacuum pump -V192-	30a
F32	Fuse32 on fuse panel C -SC32 - SC32-	30A 10A	-	Converter with socket, 12 V-230 V -U13- Special purpose vehicle control module - J608-	30a
F33	Fuse 33 on fuse panel C -SC33-	25A	-	Power sunroof control module -J245-	30a
F34	Fuse 34 on fuse panel C -SC34-	15A	-	Driver seat lumbar support adjustment switch -E176- Front passenger seat lumbar support adjustment switch -E177-	30a
F35	Fuse 35 on fuse panel C -SC35-	10A	-	Electronic damping control module -J250-	30a
F36	Fuse 36 on fuse panel C -SC36-	20A	-	Headlamp washer relay -J39- Headlamp washer system pump -V11-	30a
F37	Fuse 37 on fuse panel C -SC37-	30A	-	Front seat heating control module -J774-	30a
F38	Fuse 38 on fuse panel C -SC38-	-	-	Not used	-
F39	Fuse 39 on fuse panel C -SC39-	-	-	Not used	-
F40	Fuse 40 on fuse panel C -SC40-	40A	-	A/C control module -J301- Auxiliary heater operation relay -J485-	75a

				Heater/heat output switch -E16-	
F41	- Fuse 41 on fuse panel C -SC41-	15A	-	Rear window wiper motor -V12-	75a
F42	- Fuse 42 on fuse panel C -SC42-	20A	-	Blocking diode 2 -J811- Cigarette lighter -U1- 12 V socket -U5-	75a
F43	- Fuse 43 on the fuse panel C - SC43-	15A	-	Towing recognition control module -J345-	30a
F44	- Fuse 44 on fuse panel C -SC44-	20A	-	Towing recognition control module -J345-	30a
F45	- Fuse 45 on fuse panel C -SC45-	15A	-	Towing recognition control module -J345-	30a
F46	- Fuse 46 on fuse panel C -SC46-	-	-	Not used	-
F47	- Fuse 47 on fuse panel C -SC47-	5A	-	Instrument cluster control module -J285- ²	30a
F48	- Fuse 48 on fuse panel C -SC48-	10A	-	Compass magnetic field sensor -G197- ² Cell phone operating electronics control module -J412- ²	30a
F49	- Fuse 49 on fuse panel C -SC49-	-	-	Not used	-

¹ CBTA,CBUA

² Stop/Start

³ CDLA

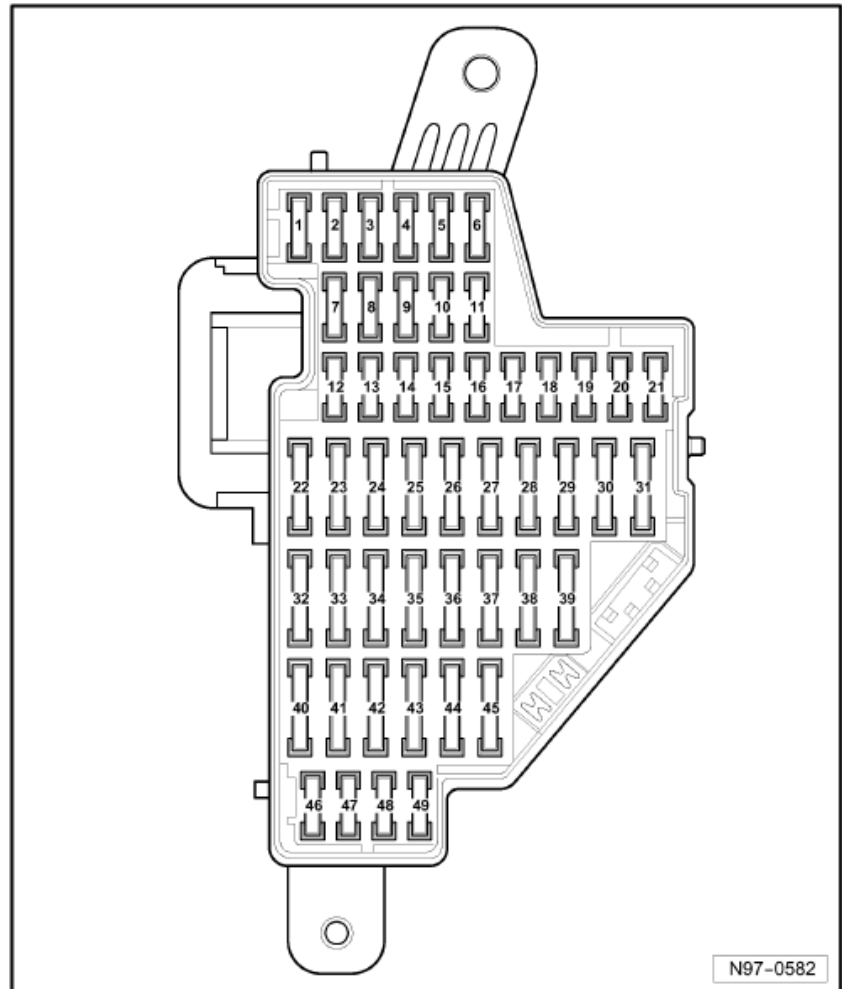
Back to overview → Chapter

Golf

Component Locations

No. 802 / 34

Fuse Arrangements (SC) on the fuse panel C on instrument panel on the driver's side, from May 2010



Torque Settings

⇒ Electrical Equipment, Repair Group 97, Removal and Installation, Fuse Panel

Fuse Colors

- 30 A - light-green
- 25 A - natural (white)
- 20 A - yellow
- 15 A - light-blue
- 10 A - red
- 7.5 A - brown
- 5 A - light-brown

3 A - purple

Back to overview → **Chapter**

Golf

Component Locations

No. 802 / 35

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F1	Fuse 1 on fuse panel C -SC1-	10A	16-pin connector -T16- (diagnostic connector) Instrument panel and switch illumination dimmer switch -E20- Mass airflow sensor -G70- Auxiliary heater operation relay -J485- Electronic damping control module -J250- Headlamp range control module -J431- Positive crankcase ventilation heating element -N79- Left headlamp beam adjustment motor -V48- Right headlamp beam adjustment motor -V49- Distance regulation control module -J428- Headlamp range control adjuster -E102- Brake lamp switch -F- Parallel parking assistance control module -J791- Structure-borne sound actuator -R214- ³ Voltage stabilizer -J532- ⁵	15a
F2	Fuse 2 on fuse panel C -SC2-	10A	Light switch -E1- Brake lamp switch -F- ABS control module -J104- Instrument cluster control module -J285- Towing recognition control module -J345- Power steering control module -J500- Data bus on board diagnostic interface -J533- Fuel pump control module -J538- Voltage stabilizer -J532- ² Selector lever sensor system control module -J587- Fuel pump relay -J17- ¹ Engine control module -J623- ⁴ Driving program button -E598- ³ Starter relay 1 -J906- ² Starter relay 2 -J907- ²	15a

				DSG transmission Mechatronic -J743- All wheel drive control module -J492-	
F3	- Fuse3 on fuse panel C -SC3-	5A	-	Airbag control module -J234-	15a
F4	- Fuse4 on fuse panel C -SC4-	5A	-	High pressure sensor -G65- Oil level thermal sensor -G266- Passenger occupant detection system control module -J706- Automatic dimming interior rearview mirror -Y7- Air quality sensor -G238- Back-up lamp switch -F4- ASR/ESP button -E256- Heater/heat output switch -E16- Garage door opener button 1 -E392- Automatic dimming interior rearview mirror -Y7- Tire pressure monitoring display button -E492- Parallel parking assistance control module -J791- Automatic dimming interior rearview mirror switch -E386- A/C system time delay relay -J70- Airbag control module -J234- Start/Stop mode button -E693- ² Power steering control module -J500-	15a
F5	- Fuse5 on fuse panel C -SC5-	10A	-	Cornering lamp and headlamp range control module -J745- , right	15a
F6	- Fuse 6 on fuse panel C -SC6-	10A	-	Cornering lamp and headlamp range control module -J745- , left	-
F7	- Fuse7 on fuse panel C -SC7-	-	-	Not used	-
F8	- Fuse 8 on fuse panel C -SC8-	-	-	Not used	-
F9	- Fuse9 on fuse panel C -SC9-	-	-	Not used	-
F10	- Fuse10 on fuse panel C -SC10-	-	-	Not used	-
F11	- Fuse11 on fuse panel C -SC11-	-	-	Not used	-
F12	- Fuse12 on fuse panel C -SC12-	10A	-	Driver door control module -J386- , central locking Front passenger door control module -J387- , central locking	30a
F13	- Fuse13 on fuse panel C -SC13-	10A	-	Light switch -E1- 16-pin connector -T16- (diagnostic connector)	

				Rain/light recognition sensor -G397- Rear window defogger relay -J9- Fog lamp switch -E7- Compass magnetic field sensor -G197-	
F14	- Fuse 14 on fuse panel C -SC14-	10A	-	Climatronic control unit -J255- A/C control module -J301- Selector lever sensor system control module -J587- Automatic transmission control module -J217- Tiptronic switch -F189- Auxiliary engine coolant heater radio frequency receiver -R149-	30a
F15	- Fuse 15 on use panel C -SC15-	20A		Vehicle electrical system control module -J519- Left rear door control module -J388- , central locking - Right rear door control module -J389- , central locking	30a
F16	- Fuse16 on fuse panel C -SC16-	10A	-	Release button in rear lid handle -E234- Rearview camera -R189-	30a
F17	- Fuse17 on fuse panel C -SC17-	10A	-	Alarm horn -H12- Interior monitoring transceiver module 1 -G303- Interior monitoring transceiver module 2 -G305- Vehicle inclination sensor -G384- Vehicle electrical system control module -J519- Dual tone horn relay -J4-	30a
F18	- Fuse18 on fuse panel C -SC18-	-	-	Not used	-
F19	- Fuse19 on fuse panel C -SC19-	5A	-	Special purpose vehicle control module -J608- Engine speed decrease control module -J542-	30a
F20	- Fuse20 on fuse panel C -SC20-	20A	-	Access/start authorization control module -J518- Voltage stabilizer -J532- ⁵	30 stabilized
F21	- Fuse 21on fuse panel C -SC21-	10A	-	Electronic steering column lock control module -J764-	30a
F22	- Fuse 22 on fuse panel C -SC22-	40A	-	Fresh air blower control module -J126-	30a
F23	- Fuse23 on fuse panel C -SC23-	30A	-	Driver door control module -J386- , window	30a

				regulator Front passenger door control module -J387- , window regulator	
F24	Fuse24 on fuse panel C -SC24-	20A	-	Vehicle electrical system control module - J519-	30a
F25	Fuse25 on fuse panel C -SC25-	25A	-	Rear window defogger -Z1- Rear window defogger relay -J9- Fresh air blower relay -J13-	30a
F26	Fuse 26 on fuse panel C -SC26-	30A	-	Left rear door control module -J388- , window regulator Right rear door control module -J389- , window regulator	30a
F27	Fuse 27 on fuse panel C -SC27-	15A	-	Fuel pump control module -J538- Fuel pump relay -J17- Fuel primer relay -J643- Auxiliary fuel pump relay -J832-	30a
F28	Fuse 28 on ofuse panel C -SC28-	15A	-	Radio -R- ² TV tuner -R78- ² Radio/navigation display unit control module -J503- ² Voltage stabilizer -J532- ⁵	30 stabilized
F29	Fuse 29 on fuse panel C -SC29-	-	-	Not used	-
F30	Fuse 30 on fuse panel C -SC30-	20A	-	Automatic transmission control module - J217- DSG transmission Mechatronic -J743-	30a
F31	Fuse 31 on fuse panel C -SC31-	20A	-	Brake system vacuum pump -V192-	30a
F32	Fuse32 on fuse panel C -SC32 - SC32-	30A 10A	-	Converter with socket, 12 V-230 V -U13- Special purpose vehicle control module - J608-	30a
F33	Fuse 33 on fuse panel C -SC33-	25A	-	Power sunroof control module -J245-	30a
F34	Fuse 34 on fuse panel C -SC34-	15A	-	Driver seat lumbar support adjustment switch -E176- Front passenger seat lumbar support adjustment switch -E177-	30a
F35	Fuse 35 on fuse panel C -SC35-	10A	-	Electronic damping control module -J250-	30a
F36	Fuse 36 on fuse panel C -SC36-	20A	-	Headlamp washer relay -J39- Headlamp washer system pump -V11-	30a
F37	Fuse 37 on fuse panel C -SC37-	30A	-	Front seat heating control module -J774-	30a
F38	Fuse 38 on fuse panel C -SC38-	-	-	Not used	-
F39	Fuse 39 on fuse panel C -SC39-	-	-	Not used	-

F40	- Fuse 40 on fuse panel C -SC40-	40A	- A/C control module -J301- Auxiliary heater operation relay -J485- Heater/heat output switch -E16-	75a
F41	- Fuse 41 on fuse panel C -SC41-	15A	- Rear window wiper motor -V12-	75a
F42	- Fuse 42 on fuse panel C -SC42-	20A	- Blocking diode 2 -J811- Cigarette lighter -U1- 12 V socket -U5-	75a
F43	- Fuse 43 on the fuse panel C - SC43-	15A	- Towing recognition control module -J345-	30a
F44	- Fuse 44 on fuse panel C -SC44-	20A	- Towing recognition control module -J345-	30a
F45	- Fuse 45 on fuse panel C -SC45-	15A	- Towing recognition control module -J345-	30a
F46	- Fuse 46 on fuse panel C -SC46-	-	- Not used	-
F47	- Fuse 47 on fuse panel C -SC47-	5A	- Instrument cluster control module -J285- ² Voltage stabilizer -J532- ⁵	30 stabilized
F48	- Fuse 48 on fuse panel C -SC48-	10A	- Compass magnetic field sensor -G197- ² - Cell phone operating electronics control module -J412- ² Voltage stabilizer -J532-	30 stabilized
F49	- Fuse 49 on fuse panel C -SC49-	-	- Not used	-

¹ CBTA,CBUA

² Stop/Start

³ CDLA

⁴ CJAA

⁵ Only with Start/Stop system

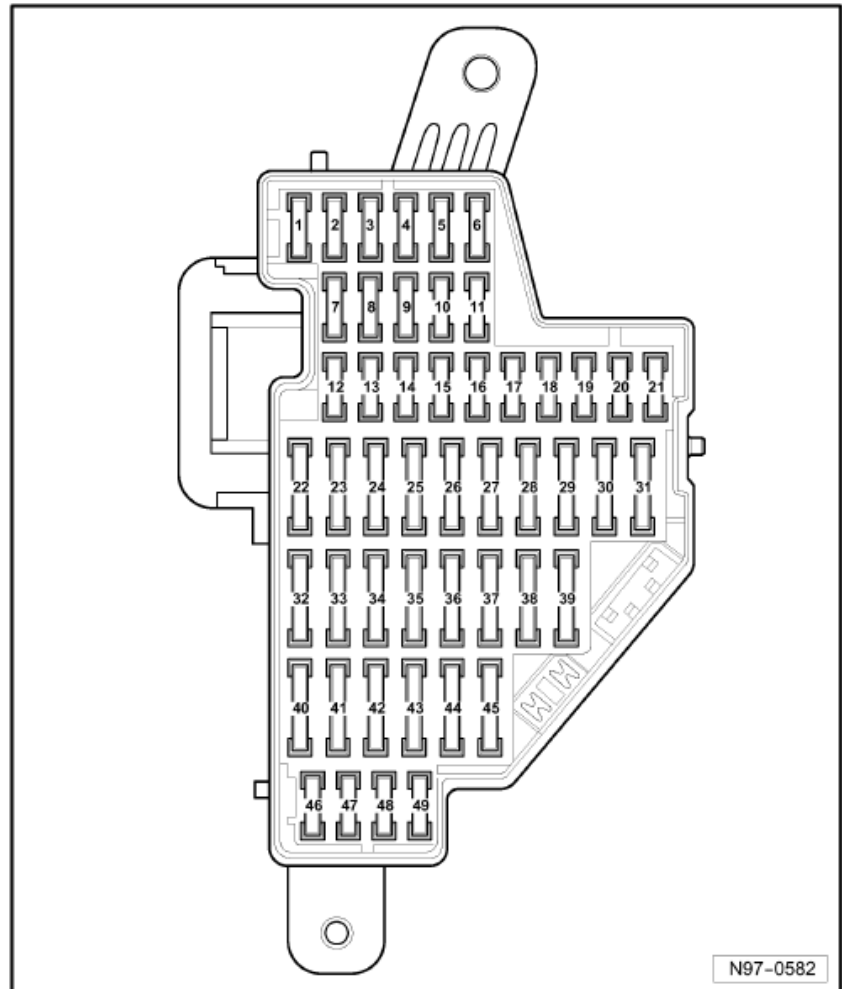
Back to overview → Chapter

Golf

Component Locations

No. 802 / 36

Fuse Arrangements (SC) on the fuse panel C on instrument panel on the driver's side, from May 2011



Torque Settings

⇒ Electrical Equipment, Repair Group 97, Removal and Installation, Fuse Panel

Fuse Colors

- 30 A - light-green
- 25 A - natural (white)
- 20 A - yellow
- 15 A - light-blue
- 10 A - red
- 7.5 A - brown
- 5 A - light-brown

3 A - purple

Back to overview → **Chapter**

Golf

Component Locations

No. 802 / 37

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F1	Fuse 1 on fuse panel C -SC1-	10A	16-pin connector -T16- (diagnostic connector) Instrument panel and switch illumination dimmer switch -E20- Mass airflow sensor -G70- Auxiliary heater operation relay -J485- Electronic damping control module -J250- Headlamp range control module -J431- Positive crankcase ventilation heating element -N79- Left headlamp beam adjustment motor -V48- Right headlamp beam adjustment motor -V49- Distance regulation control module -J428- Headlamp range control adjuster -E102- Brake lamp switch -F- Parallel parking assistance control module -J791- Structure-borne sound actuator -R214- ³ Voltage stabilizer -J532- ⁵	15a
F2	Fuse 2 on fuse panel C -SC2-	10A	Light switch -E1- Brake lamp switch -F- ABS control module -J104- Instrument cluster control module -J285- Towing recognition control module -J345- Power steering control module -J500- Data bus on board diagnostic interface -J533- Fuel pump control module -J538- Voltage stabilizer -J532- ² Selector lever sensor system control module -J587- Fuel pump relay -J17- ¹ Engine control module -J623- ⁴ Driving program button -E598- ³ Starter relay 1 -J906- ² Starter relay 2 -J907- ²	15a

				DSG transmission Mechatronic -J743- All wheel drive control module -J492-				
F3	- Fuse3 on fuse panel C -SC3-	5A	-	Airbag control module -J234-	15a			
F4	- Fuse4 on fuse panel C -SC4-	5A	-	High pressure sensor -G65- Oil level thermal sensor -G266- Passenger occupant detection system control module -J706- Automatic dimming interior rearview mirror -Y7- Air quality sensor -G238- Back-up lamp switch -F4- ASR/ESP button -E256- Heater/heat output switch -E16- Garage door opener button 1 -E392- Automatic dimming interior rearview mirror -Y7- Tire pressure monitoring display button -E492- Parallel parking assistance control module -J791- Automatic dimming interior rearview mirror switch -E386- A/C system time delay relay -J70- Airbag control module -J234- Start/Stop mode button -E693- ² Power steering control module -J500- Parking aid control module -J446-	10A	-		15a
F5	- Fuse5 on fuse panel C -SC5-	10A	-	Left headlamp power output stage -J667-	15a			
F6	- Fuse 6 on fuse panel C -SC6-	10A	-	Right headlamp power output stage -J668-	15a			
F7	- Fuse7 on fuse panel C -SC7-	-	-	Not used	-			
F8	- Fuse 8 on fuse panel C -SC8-	-	-	Not used	-			
F9	- Fuse9 on fuse panel C -SC9-	-	-	Not used	-			
F10	- Fuse10 on fuse panel C -SC10-	-	-	Not used	-			
F11	- Fuse11 on fuse panel C -SC11-	-	-	Not used	-			
F12	- Fuse12 on fuse panel C -SC12-	10A	-	Driver door control module -J386- central locking ⁶ Front passenger door control module -J387- central locking ⁶	30a			
F13	- Fuse13 on fuse panel C -SC13-	10A	-	Light switch -E1-				

				16-pin connector -T16- (diagnostic connector) Rain/light recognition sensor -G397- Rear window defogger relay -J9- Fog lamp switch -E7- Compass magnetic field sensor -G197-	
F14	Fuse 14 on fuse panel C -SC14-	10A	-	Climatronic control unit -J255- A/C control module -J301- Selector lever park position lock switch -F319- Automatic transmission control module -J217- Tiptronic switch -F189- Auxiliary engine coolant heater radio frequency receiver -R149- Heater/heat output switch -E16- Selector lever -E313-	30a
F15	Fuse 15 on use panel C -SC15-	20A		Vehicle electrical system control module -J519- Left rear door control module -J388- central locking ⁶ - Right rear door control module -J389- central locking ⁶	30a
F16	Fuse16 on fuse panel C -SC16-	10A	-	Release button in rear lid handle -E234- Rearview camera -R189-	30a
F17	Fuse17 on fuse panel C -SC17-	5A ⁹ 10A ¹⁰ 10A 5A ⁹ 10A ¹⁰ 5A ¹¹ 10A ¹⁰	-	Alarm horn -H12- Interior monitoring transceiver module 1 -G303- Interior monitoring transceiver module 2 -G305- Vehicle inclination sensor -G384- Vehicle electrical system control module -J519- Interior monitoring sensor -G273- Dual tone horn relay -J4-	30a
F18	Fuse18 on fuse panel C -SC18-	-	-	Not used	-
F19	Fuse19 on fuse panel C -SC19-	5A	-	Special purpose vehicle control module -J608- Engine speed decrease control module -J542-	30a

F20	Fuse20 on fuse panel C -SC20-	20A	- Access/start authorization control module - J518- Voltage stabilizer -J532- ⁵	30 stabilized
F21	Fuse 21on fuse panel C -SC21-	10A	- Electronic steering column lock control module -J764-	30a
F22	Fuse 22 on fuse panel C -SC22-	40A	- Fresh air blower control module -J126-	30a
F23	Fuse23 on fuse panel C -SC23-	30A	- Driver door control module -J386- window regulator ⁶ Front passenger door control module -J387- window regulator ⁷ Left rear door control module -J388- window regulator ⁷	30a
F24	Fuse24 on fuse panel C -SC24-	20A	- Vehicle electrical system control module - J519-	30a
F25	Fuse25 on fuse panel C -SC25-	25A	- Rear window defogger -Z1- Rear window defogger relay -J9- Fresh air blower relay -J13-	30a
F26	Fuse 26 on fuse panel C -SC26-	30A	- Left rear door control module -J388- window regulator ⁷ Right rear door control module -J389- window regulator ⁶ Driver door control module -J386- window regulator ⁷	30a
F27	Fuse 27 on fuse panel C -SC27-	15A	- Fuel pump control module -J538- Fuel pump relay -J17- Fuel primer relay -J643- Auxiliary fuel pump relay -J832-	30a
F28	Fuse 28 on ofuse panel C -SC28-	15A	- Radio -R- ² TV tuner -R78- ² Radio/navigation display unit control module -J503- ² Voltage stabilizer -J532- ⁵	30 stabilized
F29	Fuse 29 on fuse panel C -SC29-	-	- Not used	-
F30	Fuse 30 on fuse panel C -SC30-	20A	- Automatic transmission control module - J217- DSG transmission Mechatronic -J743-	30a
F31	Fuse 31 on fuse panel C -SC31-	20A	- Brake system vacuum pump -V192-	30a
F32	Fuse32 on fuse panel C -SC32 - SC32-	30A 10A	- Converter with socket, 12 V-230 V -U13- Special purpose vehicle control module - J608-	30a

F33	- Fuse 33 on fuse panel C -SC33-	25A	- Power sunroof control module -J245-	30a
F34	- Fuse 34 on fuse panel C -SC34-	15A	- Driver seat lumbar support adjustment switch -E176- Front passenger seat lumbar support adjustment switch -E177-	30a
F35	- Fuse 35 on fuse panel C -SC35-	10A	- Electronic damping control module -J250-	30a
F36	- Fuse 36 on fuse panel C -SC36-	20A	- Headlamp washer relay -J39- Headlamp washer system pump -V11-	30a
F37	- Fuse 37 on fuse panel C -SC37-	30A	- Front seat heating control module -J774-	30a
F38	- Fuse 38 on fuse panel C -SC38-	-	- Not used	-
F39	- Fuse 39 on fuse panel C -SC39-	-	- Not used	-
F40	- Fuse 40 on fuse panel C -SC40-	40A	- A/C control module -J301- Auxiliary heater operation relay -J485- Heater/heat output switch -E16-	75a
F41	- Fuse 41 on fuse panel C -SC41-	15A	- Rear window wiper motor -V12-	75a
F42	- Fuse 42 on fuse panel C -SC42-	20A	- Blocking diode 2 -J811- Cigarette lighter -U1- 12 V socket -U5-	75a
F43	- Fuse 43 on the fuse panel C -SC43-	15A	- Towing recognition control module -J345-	30a
F44	- Fuse 44 on fuse panel C -SC44-	20A	- Towing recognition control module -J345-	30a
F45	- Fuse 45 on fuse panel C -SC45-	15A	- Towing recognition control module -J345-	30a
F46	- Fuse 46 on fuse panel C -SC46-	-	- Not used	-
F47	- Fuse 47 on fuse panel C -SC47-	5A	- Instrument cluster control module -J285- ² Voltage stabilizer -J532- ⁵	30 stabilized
F48	- Fuse 48 on fuse panel C -SC48-	5A	- Compass magnetic field sensor -G197- ² - Cell phone operating electronics control module -J412- ² Voltage stabilizer -J532-	30 stabilized
F49	- Fuse 49 on fuse panel C -SC49-	-	- Not used	-

¹ CBTA,CBUA

² with Start/Stop

³ CDLA

⁴ CJAA

⁵ only with Start/Stop system

⁶ through April 2011

⁷ from May 2011

⁹ through October 2009

¹⁰ from November 2009

¹¹ from October 2010

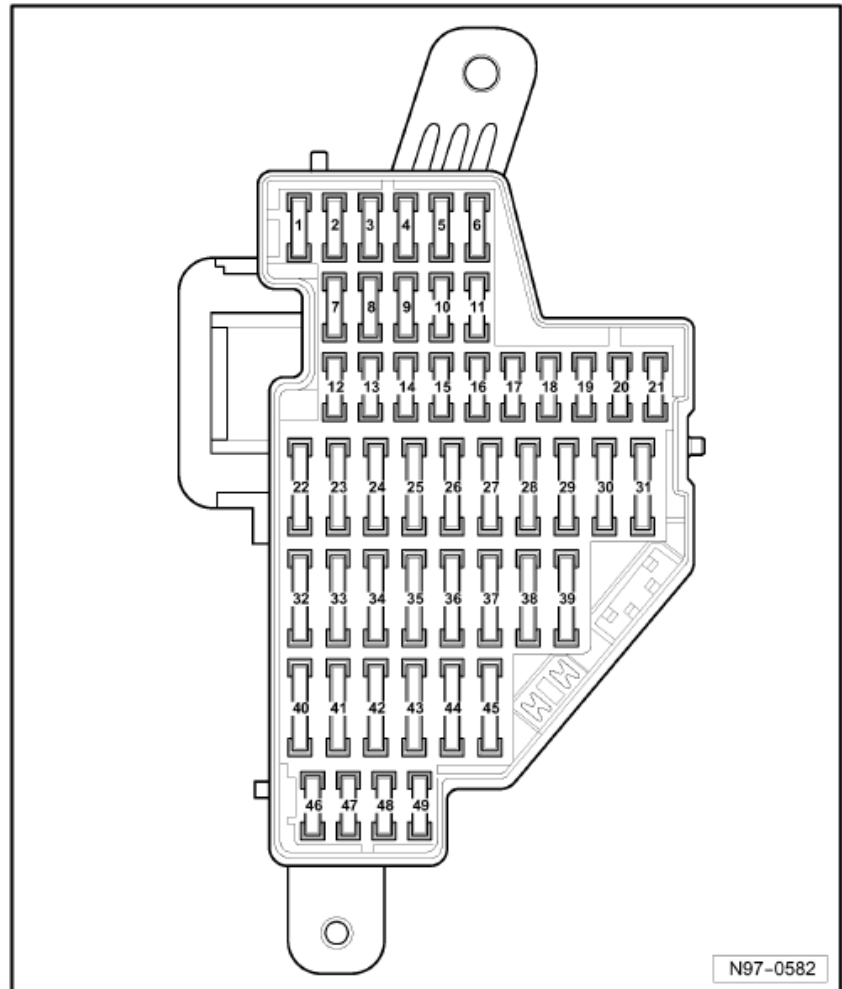
Back to overview → **Chapter**

Golf

Component Locations

No. 802 / 38

Fuse Arrangements (SC) on the fuse panel C on instrument panel on the driver's side, Golf Blue-E-Motion



Torque Settings

⇒ Electrical Equipment, Repair Group 97, Removal and Installation, Fuse Panel

Fuse Colors

- 30 A - light-green
- 25 A - natural (white)
- 20 A - yellow
- 15 A - light-blue
- 10 A - red
- 7.5 A - brown
- 5 A - light-brown

3 A - purple

Back to overview → **Chapter**

Golf

Component Locations

No. 802 / 39

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
F1	- Fuse 1 on fuse panel C -SC1-	10A	- 16-pin connector -T16- (diagnostic connector) Instrument panel and switch illumination dimmer switch -E20- Left headlamp beam adjustment motor -V48- Right headlamp beam adjustment motor -V49- Headlamp range control adjuster -E102- Parallel parking assistance control module -J791- Cornering lamp and headlamp range control module -J745-	15a
F2	- Fuse 2 on fuse panel C -SC2-	10A	- 16-pin connector -T16- (diagnostic connector) Data bus on board diagnostic interface -J533- Instrument cluster control module -J285-	15a
F3	- Fuse3 on fuse panel C -SC3-	5A	- Airbag control module -J234-	15a
F4	- Fuse4 on fuse panel C -SC4-	5A	- Air quality sensor -G238- Parallel parking assistance control module -J791- Tire pressure monitoring display button -E492- Power steering control module -J500-	15a
F5	- Fuse5 on fuse panel C -SC5-	10A	- Right headlamp power output stage -J668-	15a
F6	- Fuse 6 on fuse panel C -SC6-	10A	- Left headlamp power output stage -J667-	15a
F7	- Fuse7 on fuse panel C -SC7-	10A	-	-
F7	- Fuse7 on fuse panel C -SC7-	10A	- Diagnostic connection -U31-	15a
F8	- Fuse 8 on fuse panel C -SC8-	5A	- Emergency button -E190-	15a
F9	- Fuse9 on fuse panel C -SC9-	5A	-	15a
F10	- Fuse10 on fuse panel C -SC10-	5A	- Heating and air conditioning control module -J979-	15a
F11	- Fuse11 on fuse panel C -SC11-	5A	- Structure borne sound control module -J869-	15a
F12	- Fuse12 on fuse panel C -SC12-	-	- Not used	
F13	- Fuse13 on fuse panel C -SC13-	10A	- Light switch -E1- Rain/light recognition sensor -G397- Rear window defogger relay -J9- Fog lamp switch -E7- 16-pin connector -T16- (diagnostic connector)	30a
F14	- Fuse 14 on fuse panel C -SC14-	10A	- Climatronic control unit -J255-	30a

				Selector lever -E313-	
F15	-	Fuse 15 on use panel C -SC15-	20A	- Vehicle electrical system control module - J519-	-
F16	-	Fuse16 on fuse panel C -SC16-	10A	- High-voltage battery 2 -AX3-	30a
F17	-	Fuse17 on fuse panel C -SC17-	10A	- Interior monitoring sensor -G273- Vehicle inclination sensor -G384- Alarm horn -H12- Interior monitoring sensor -G273- Dual tone horn relay -J4-	-
F18	-	Fuse18 on fuse panel C -SC18-	5A	- Indicator lamp -K96-connection1 for high voltage battery charger -U34- - Indicator lamp -K96-connection 2 for high voltage battery charger -U35- High voltage battery charging voltage control module -J966-	30a
F19	-	Fuse19 on fuse panel C -SC19-	-	- Not used	-
F20	-	Fuse20 on fuse panel C -SC20-	5A	- Emergency button -E190- Terminal 30 power supply relay -J317- Terminal 30 relay -J977- Load enabling relay -J978-	30a
F21	-	Fuse 21on fuse panel C -SC21-	-	- Not used	-
F22	-	Fuse 22 on fuse panel C - SC22-	40A	- Fresh air blower control module -J126- Fresh air blower -V2-	30a
F23	-	Fuse23 on fuse panel C -SC23-	30A	- Front passenger door control module -J387- , window regulator Left rear door control module -J388- , window regulator	30a
F24	-	Fuse24 on fuse panel C -SC24-	20A	- Vehicle electrical system control module - J519-	30a
F25	-	Fuse25 on fuse panel C -SC25-	25A	- Rear window defogger -Z1- Rear window defogger relay -J9-	30a
F26	-	Fuse 26 on fuse panel C - SC26-	-	- Driver door control module -J386- , window regulator Left rear door control module -J388- , window regulator	-
F27	-	Fuse 27 on fuse panel C - SC27-	-	- High voltage charge door lock relay 1 -J974- (USA) High voltage charge door lock relay 2 -J975- (USA)	30a
F28	-	Fuse 28 on ofuse panel C - SC28-	-	- Not used	-
F29	-	Fuse 29 on fuse panel C -		- Not used	

	-	SC29-	-		-
F30	-	Fuse 30 on fuse panel C - SC30-	-	-	Not used
F31	-	Fuse 31 on fuse panel C - SC31-	-	-	Not used
F32	-	Fuse32 on fuse panel C -SC32 -SC32-	10A	-	High-voltage battery 1 -AX2-
F33	-	Fuse 33 on fuse panel C - SC33-	-	-	Not used
F34	-	Fuse 34 on fuse panel C - SC34-	15A	-	Heating and air conditioning control module - J979-
F35	-	Fuse 35 on fuse panel C - SC35-	10A	-	High-voltage battery 1 -AX2-
F36	-	Fuse 36 on fuse panel C - SC36-	-	-	Not used
F37	-	Fuse 37 on fuse panel C - SC37-	30A	-	Front seat heating control module -J774-
F38	-	Fuse 38 on fuse panel C - SC38-	10A	-	Emergency button -E190-
F39	-	Fuse 39 on fuse panel C - SC39-	10A	-	Emergency button -E190-
F40	-	Fuse 40 on fuse panel C - SC40-	-	-	Not used
F41	-	Fuse 41 on fuse panel C - SC41-	15A	-	Rear window wiper motor -V12-
F42	-	Fuse 42 on fuse panel C - SC42-	20A	-	Blocking diode 2 -J811- Cigarette lighter -U1- 12 V socket -U5-
F43	-	Fuse 43 on the fuse panel C - SC43-	-	-	Not used
F44	-	Fuse 44 on fuse panel C - SC44-	5A	-	High voltage charging socket activation relay - J973- Diagnostic connection -U31-
F45	-	Fuse 45 on fuse panel C - SC45-	10A	-	Charger 1 for high-voltage battery -AX4- Charger 2 for high-voltage battery -AX5- Charger 3 for high-voltage battery -AX6-
F46	-	Fuse 46 on fuse panel C - SC46-	10A	-	Two-way radio -R8-
F47	-	Fuse 47 on fuse panel C - SC47-	5A	-	Instrument cluster control module -J285-
					Telematics control module -J499-
F48	-	Fuse 48 on fuse panel C - SC48-	5A		High voltage charge door lock relay 1 -J974-

			- High voltage charge door lock relay 2 -J975- Windshield Heater Relay -J47-	
F49	-	Fuse 49 on fuse panel C - SC49-	15A	- Engine coolant pump relay -J235- 30a

Back to overview → **Chapter**

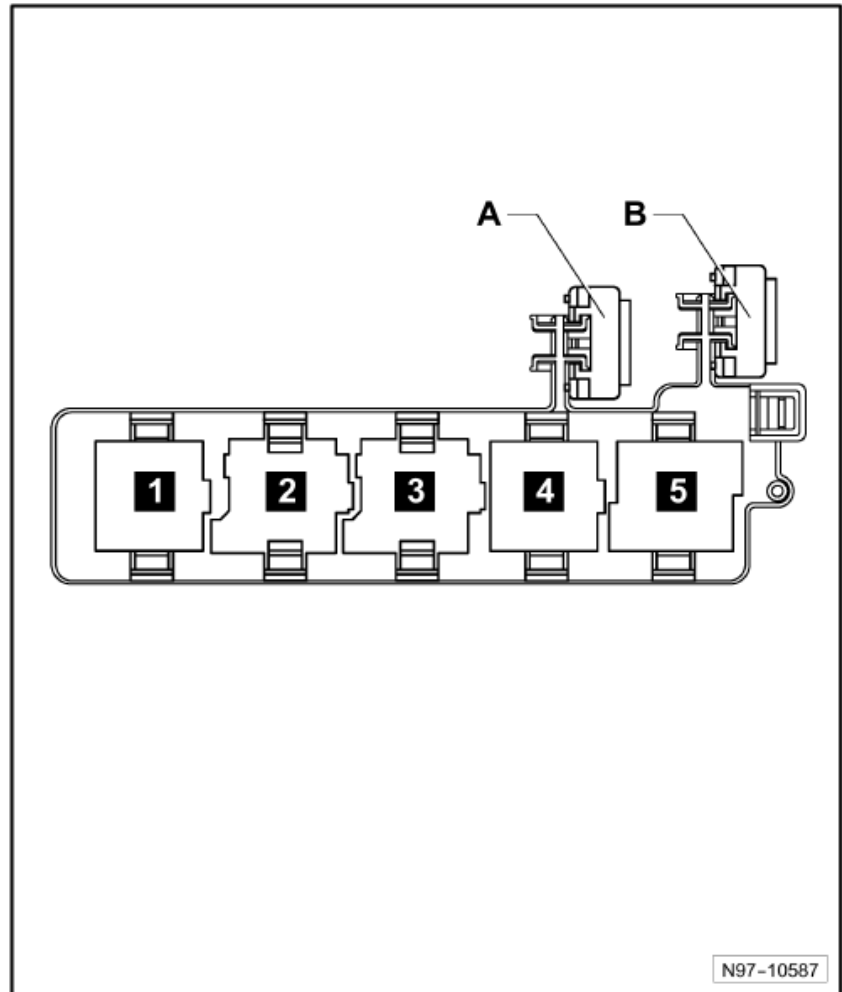
Golf

Component Locations

No. 802 / 40

Circuit breaker under instrument panel, driver side, through May 2010

- 1 - Driver power seat adjustment
circuit breaker 1 -S44--A-
- 2 - Not used -B-



[Back to overview](#) → [Chapter](#)

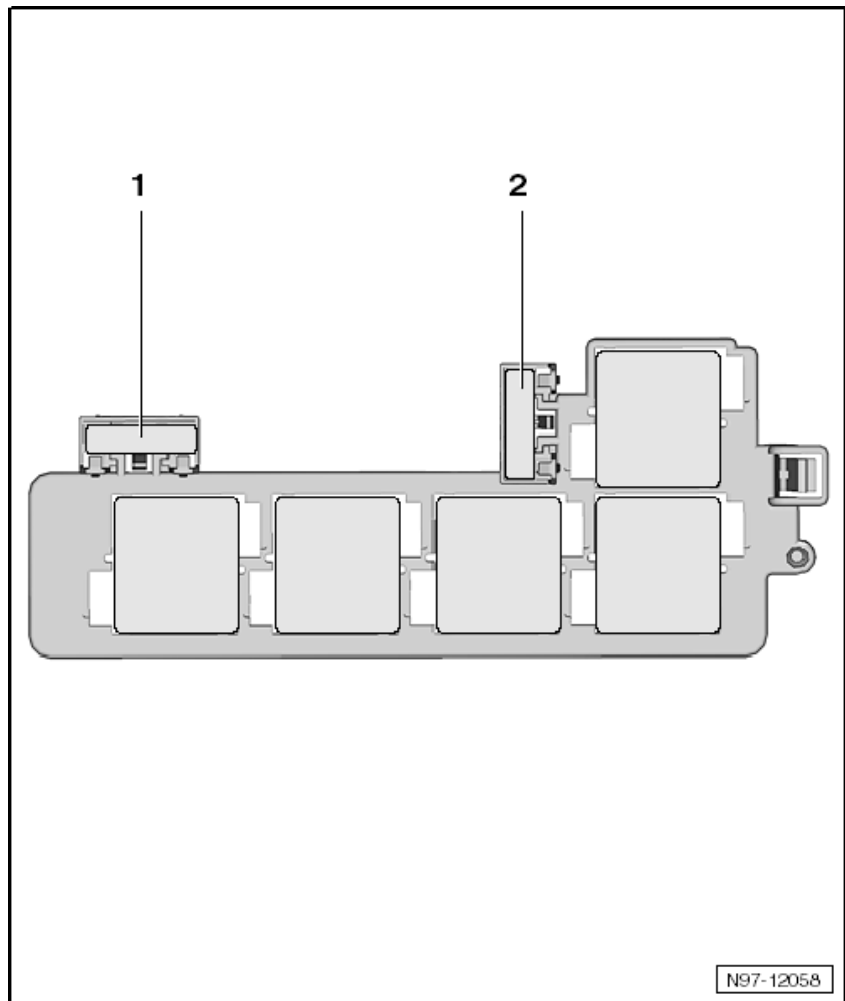
Golf

Component Locations

No. 802 / 41

Circuit breaker under instrument panel, driver side, from May 2010

1 - Not used

2 - Driver power seat adjustment
circuit breaker -S44-**Back to overview → Chapter**

Golf

Component Locations

No. 801 / 1

Edition 01.2012

Ground Connections

Overview of Ground Connections in engine compartment

656 **Ground connection on right headlamp**

- Tightening specification: 9 Nm
- Component location: → Anchor

685 **Ground connection 1 on right front longitudinal member**

- Tightening specification: 6 Nm
- Component location: → Anchor

609 **Ground connection in plenum chamber, right**

- Tightening specification: 9 Nm
- Component location: → Anchor

28 **Ground connection on firewall**

- Tightening specification: 20 Nm
- Component location: → Anchor

716 **Ground connection on right crossmember**

- Tightening specification: 20 Nm
- Component location: → Anchor

715 **Ground connection on left crossmember**

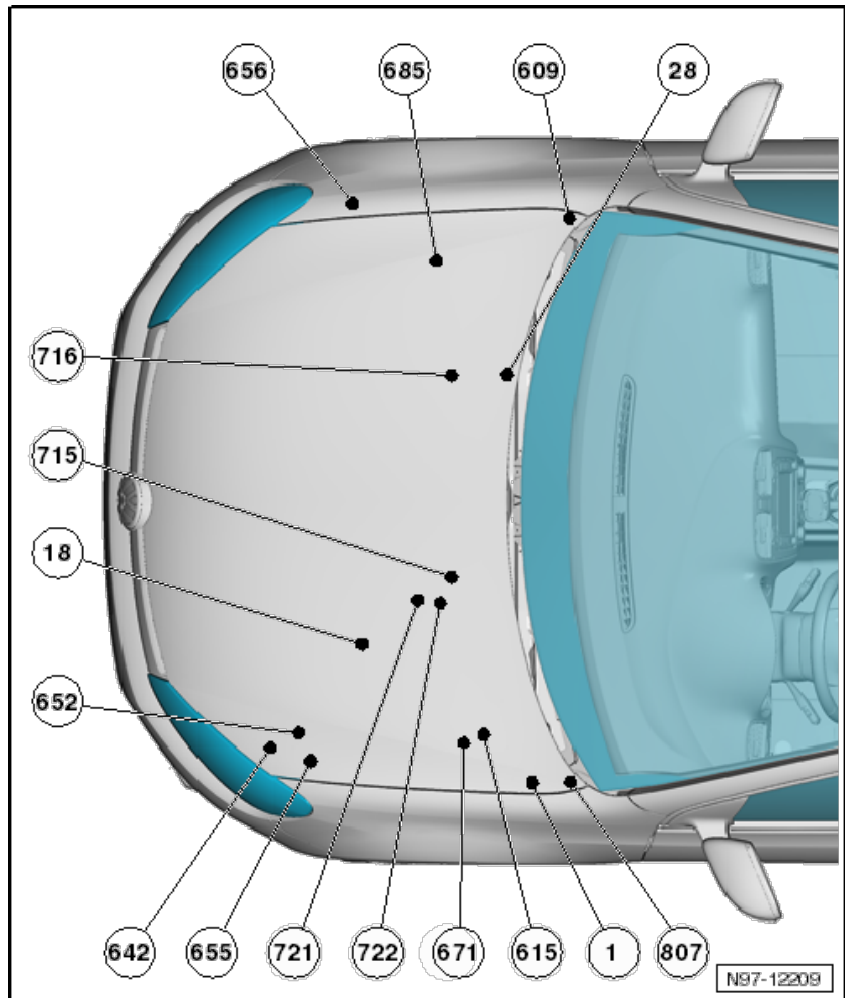
- Tightening specification: 23 Nm
- Component location: → Anchor

607 **Ground connection in plenum chamber, left**

- Tightening specification: 9 Nm
- Component location: → Anchor

1 **Ground strap, battery to body**

- Tightening specification: 9 Nm
- Component location: → Anchor

Ground connection on left strut

615

- ❑ Tightening specification: 9 Nm
- ❑ Component location: → **Anchor**

671

Ground connection 1 on left front longitudinal member

- ❑ Tightening specification: 20 Nm
- ❑ Component location: → **Anchor**

722

Special equipment ground connection 2

- ❑ Tightening specification: 20 Nm
- ❑ Component location: → **Anchor**

721

Special equipment ground connection 1

- ❑ Tightening specification: 23 Nm
- ❑ Component location: → **Anchor**

655

Ground connection on the left headlamp

- ❑ Tightening specification: 9 Nm
- ❑ Component location: → **Anchor**

642

Electronic fan control ground connection

- ❑ Tightening specification: 9 Nm
- ❑ Component location: → **Anchor**
- ❑ Installation locations from November 2011 → **Anchor**

652

Transmission/engine ground connection

- ❑ Tightening specification: 9 Nm
- ❑ Component location: → **Anchor**

18

Ground connection on the engine block

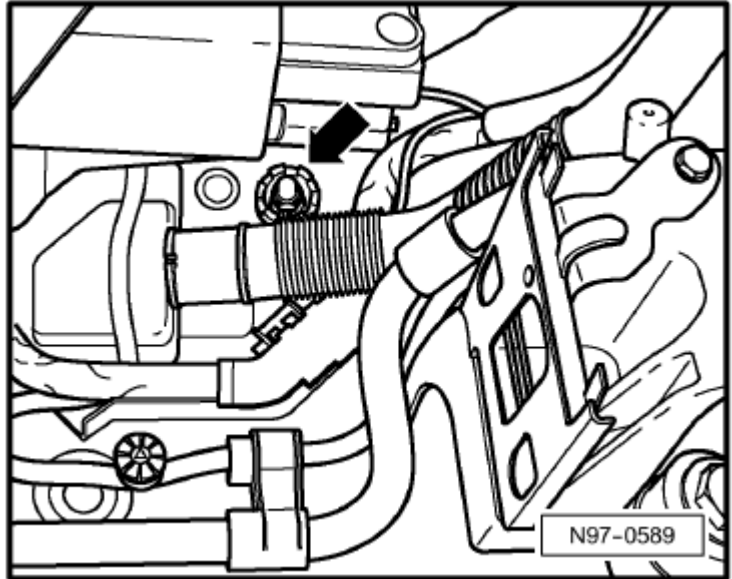
- ❑ Tightening specification: 15 Nm
- ❑ Component location: → **Anchor**

Golf

Component Locations

No. 801 / 2

656 Ground Connection (on right headlamp) - Arrow-

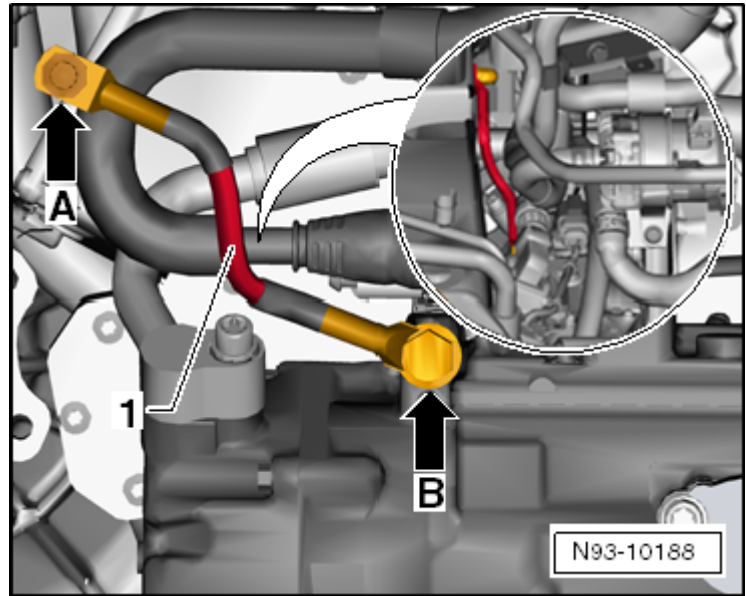


Golf

Component Locations

No. 801 / 3

685 Ground connection 1 on right front long member -arrow A-

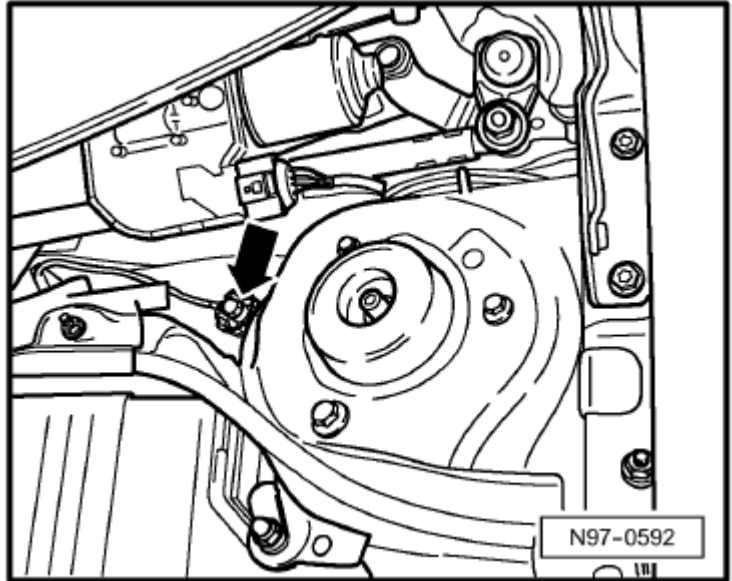


Golf

Component Locations

No. 801 / 4

609 Ground Connection (in plenum chamber, right) -Arrow-

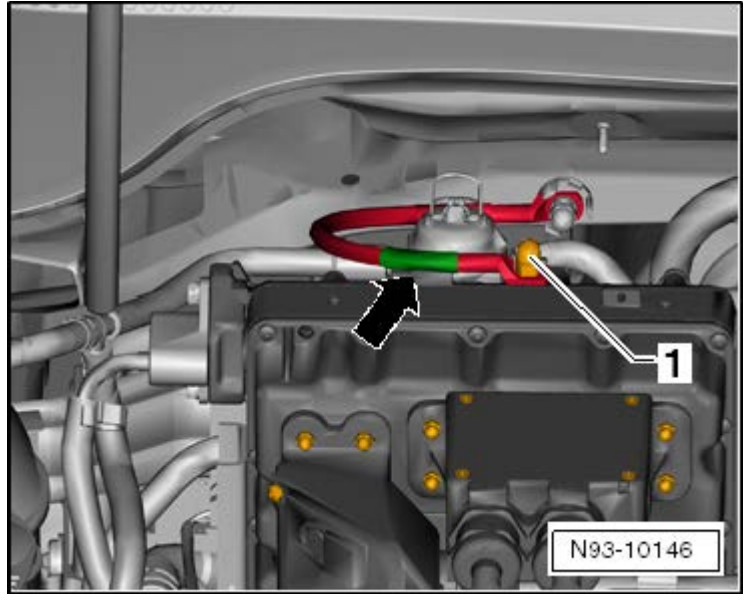


Golf

Component Locations

No. 801 / 5

28 Ground connection (on firewall) -arrow-

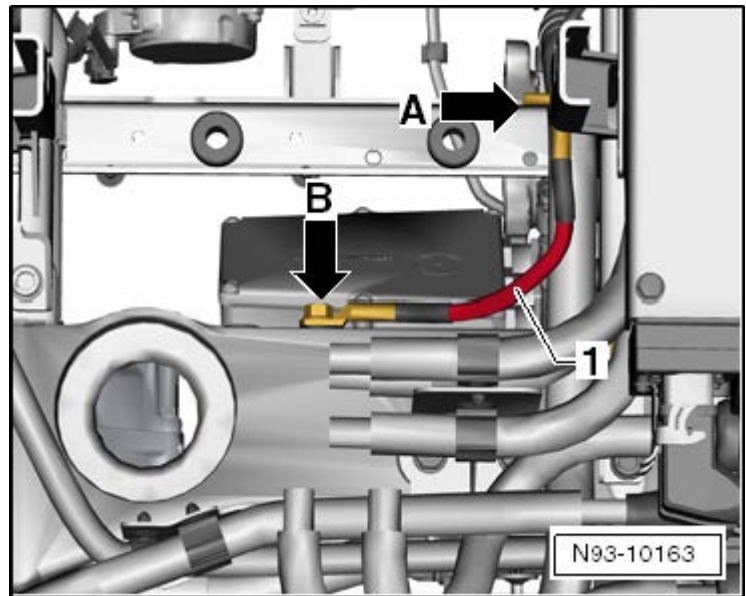


Golf

Component Locations

No. 801 / 6

- 716 Ground connection (on right cross member) -arrow B-

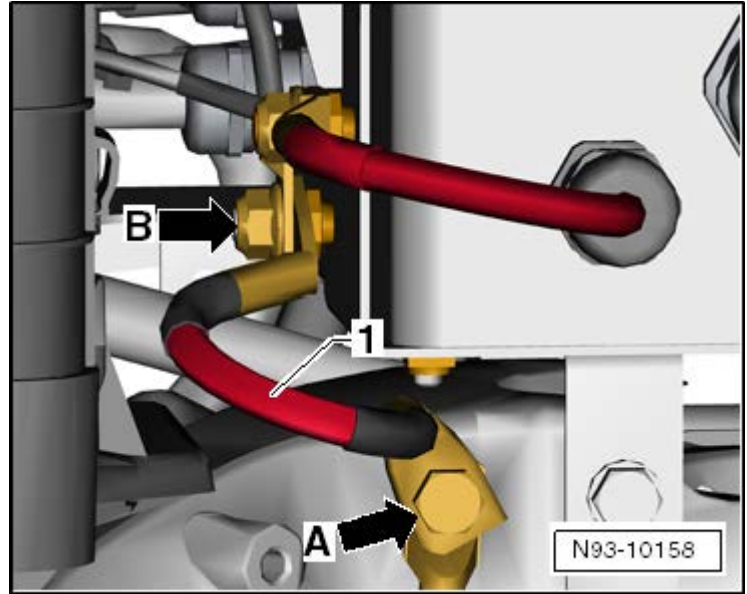


Golf

Component Locations

No. 801 / 7

715 Ground connection (on left cross member)
-arrow A-

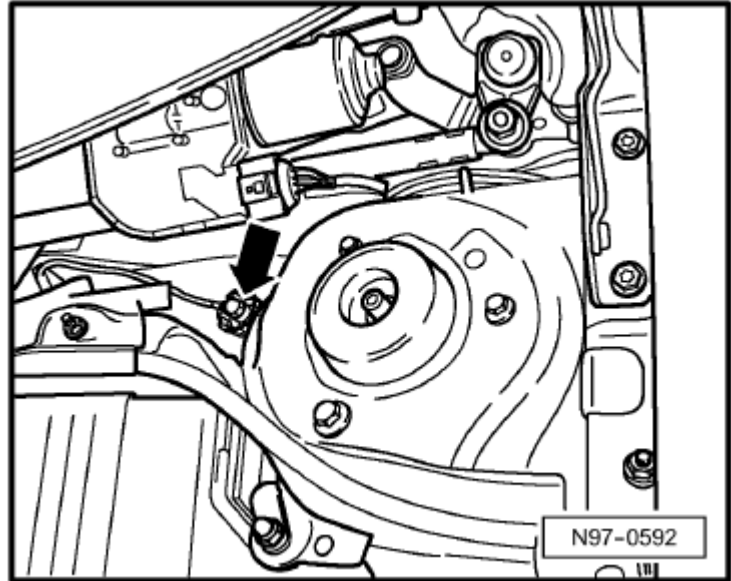


Golf

Component Locations

No. 801 / 8

- 607 Ground Connection (in plenum chamber, left) -Arrow-

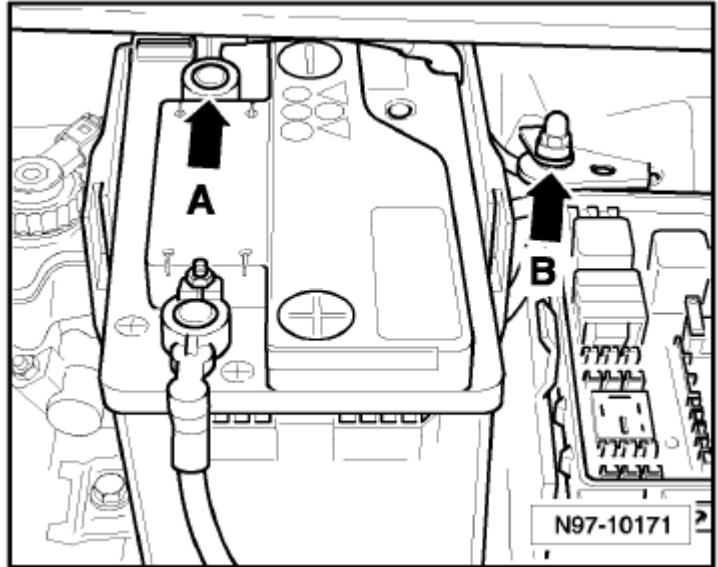


Golf

Component Locations

No. 801 / 9

- 1 Ground strap, battery to body -Arrow B-

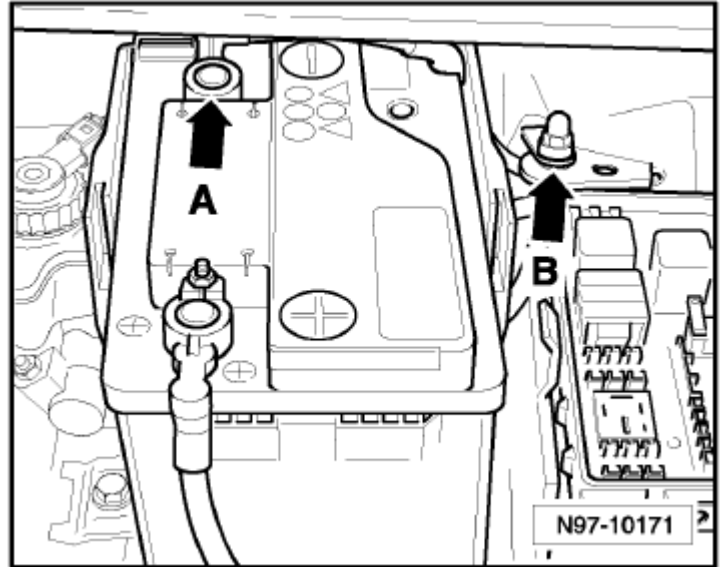


Golf

Component Locations

No. 801 / 10

615 Ground Connection, on left suspension strut -Arrow-

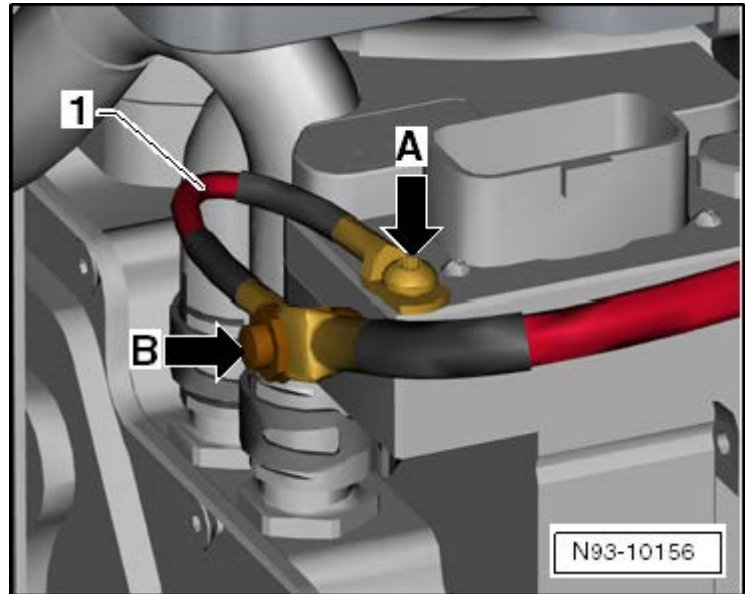


Golf

Component Locations

No. 801 / 11

- 671 Ground Connection 1 (on left front long member -Arrow B-

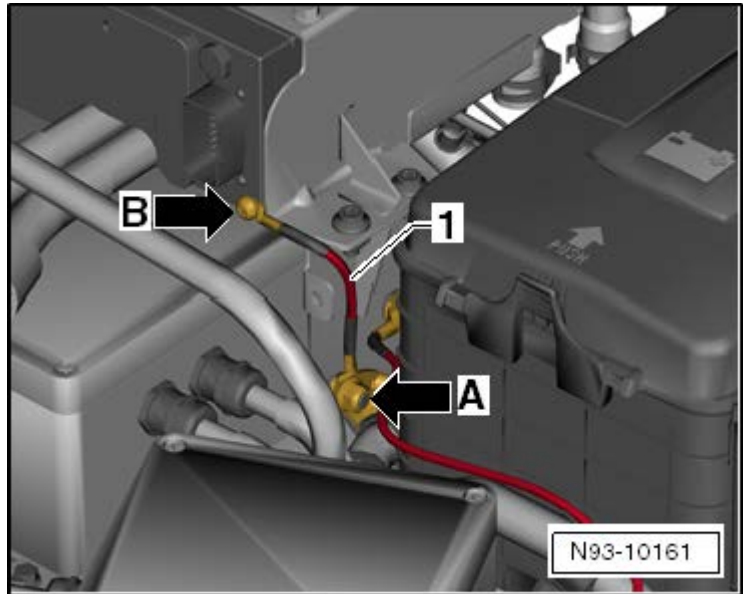


Golf

Component Locations

No. 801 / 12

- 722 Special equipment ground connection 2 -
arrow A-

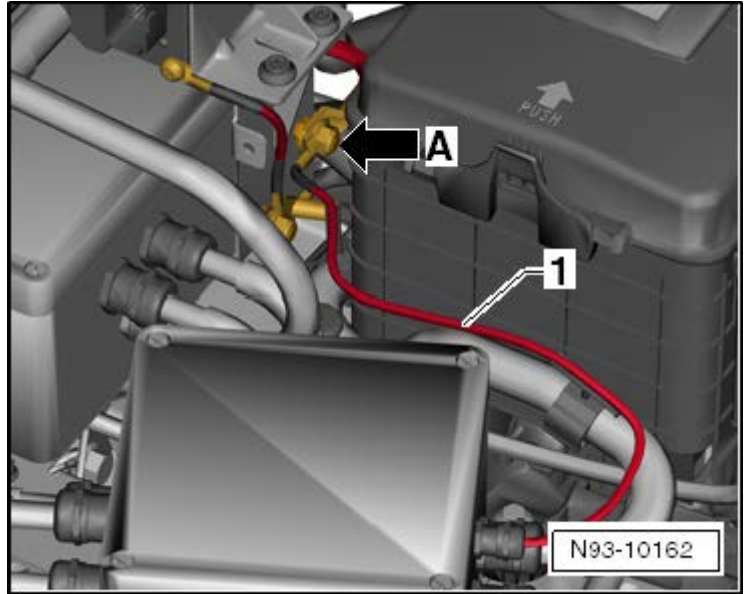


Golf

Component Locations

No. 801 / 13

721 Special equipment ground connection 1 - arrow A-

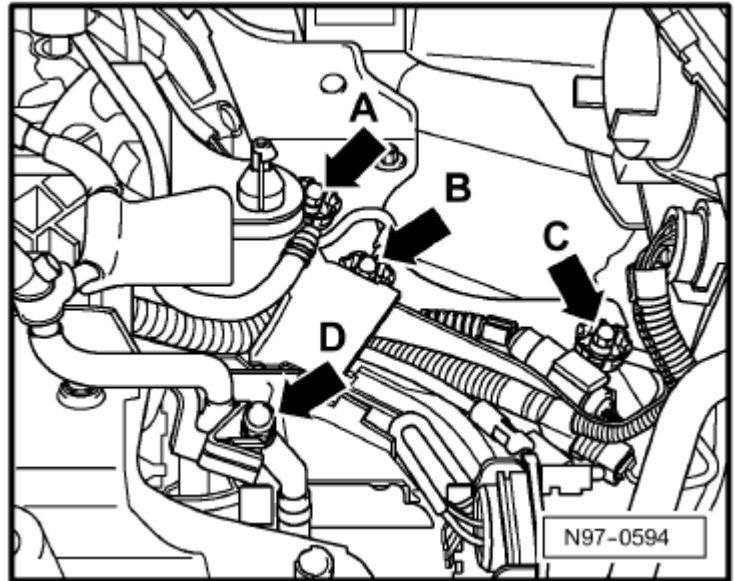


Golf

Component Locations

No. 801 / 14

655 Ground Connection (on left headlamp) -
Arrow B-



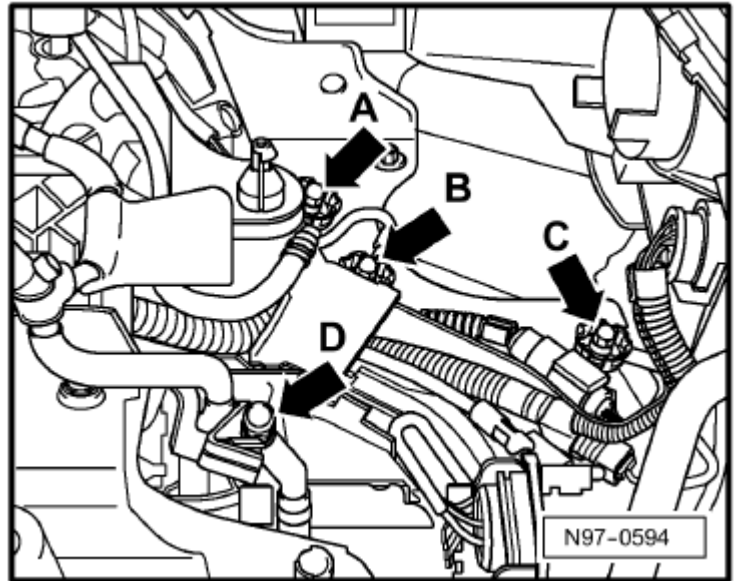
Golf

Component Locations

No. 801 / 15

Through November 2011

642 Ground Connection (on electronic fan control) -Arrow C-



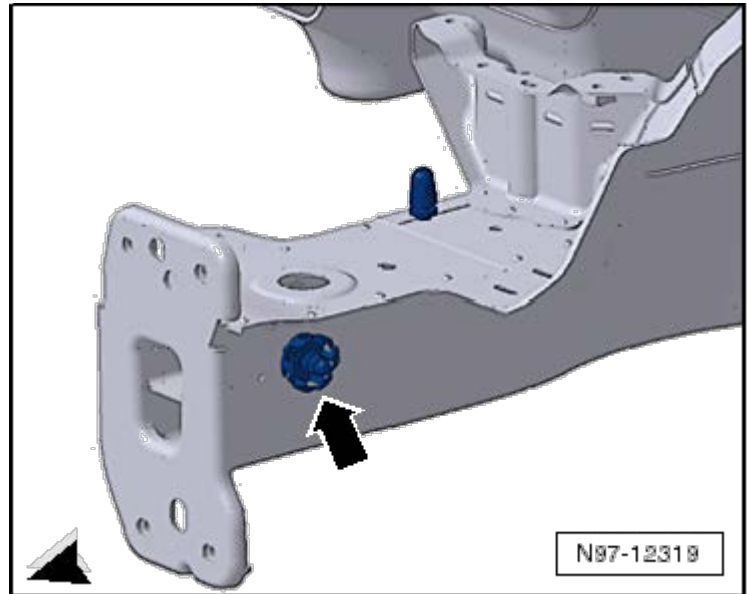
Golf

Component Locations

No. 801 / 16

from November 2011

642 Ground connection (on electronic fan control) -Arrow -

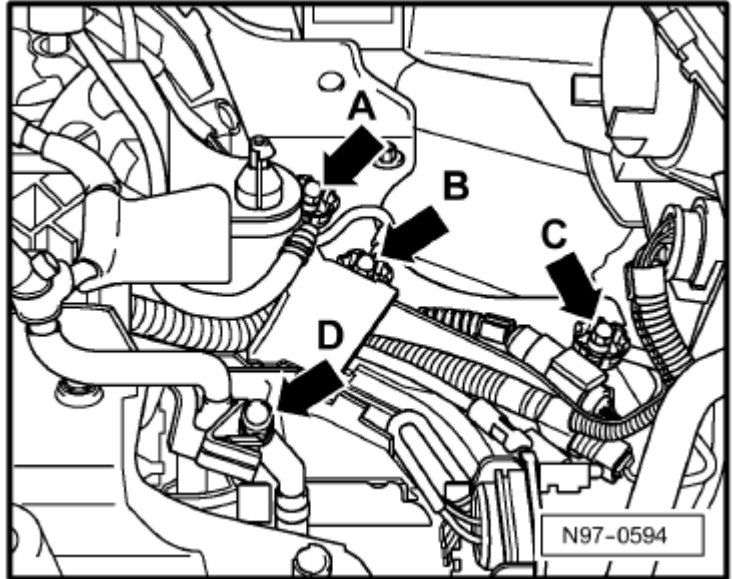


Golf

Component Locations

No. 801 / 17

652 Transmission/Engine Ground Connection
-Arrow D-

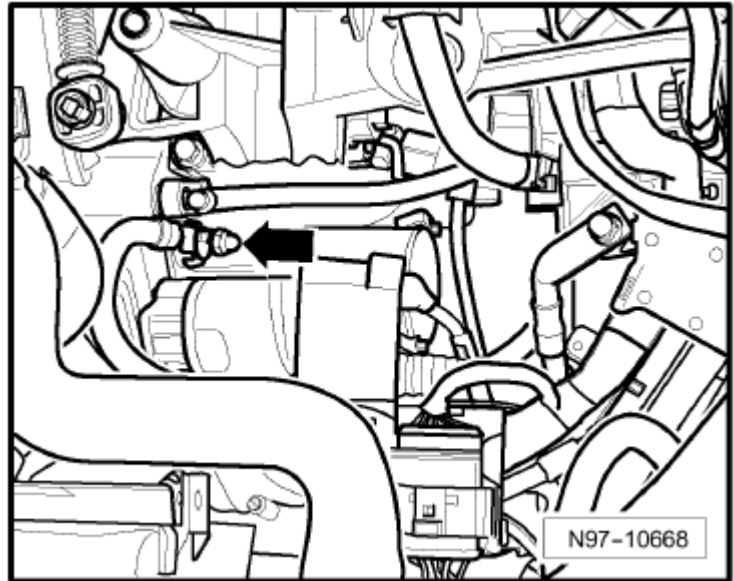


Golf

Component Locations

No. 801 / 18

- 18 Ground Connection (on engine block) - Arrow-



Golf

Component Locations

No. 801 / 19

Overview of Ground Connections in interior

43 **Ground connection on A-pillar, lower right**

- Tightening specification: 9 Nm
- Component location: → Anchor

47 **Ground connection in right front footwell**

- Tightening specification: 9 Nm
- Component location → Anchor

610 **Audio ground connection under front center console**

- Tightening specification: 9 Nm
- Component location → Anchor

739 **Ground connection on underbody, right**

- Tightening specification: 20 Nm
- Component location: → Anchor

71 **Ground connection on front roof bow**

- Tightening specification: 9 Nm
- Component location: → Anchor

602 **Ground connection inside the left front footwell**

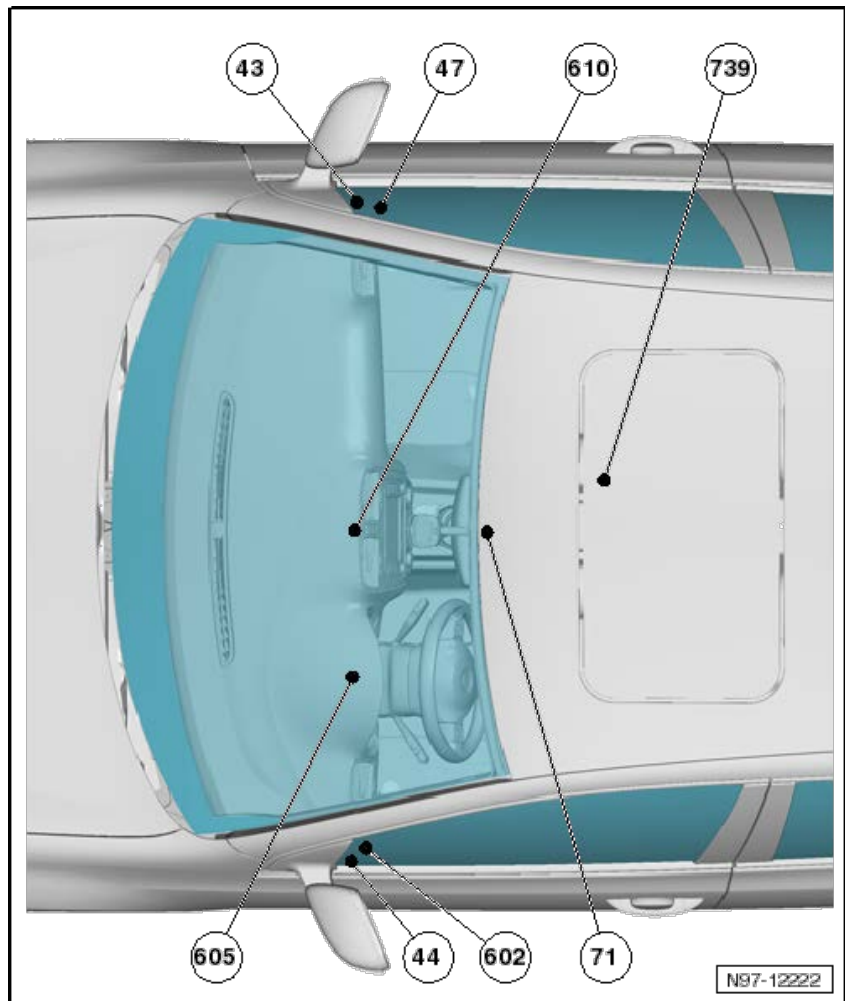
- Tightening specification: 9 Nm
- Component location → Anchor

44 **Ground connection on A-pillar, lower left**

- Tightening specification: 9 Nm
- Component location → Anchor

605 **Ground connection on upper steering column**

- Tightening specification: 9 Nm
- Component location → Anchor

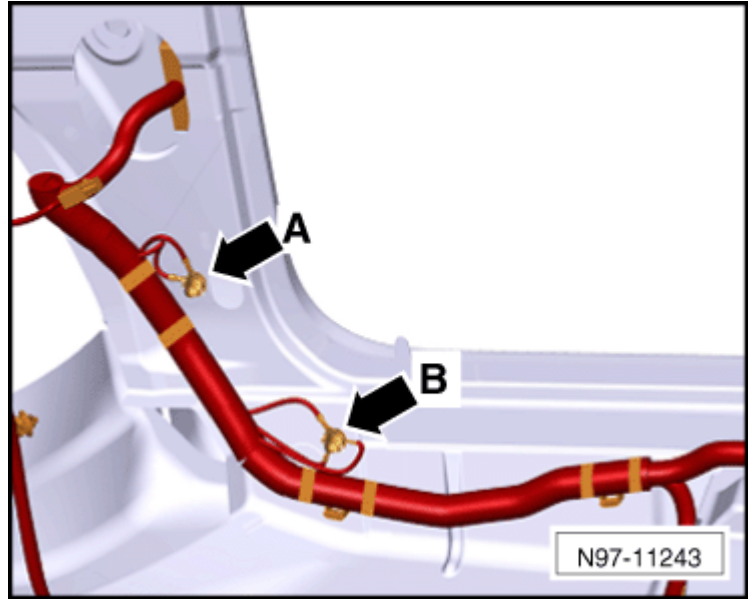


Golf

Component Locations

No. 801 / 20

- 43 Ground Connection (on right lower A-pillar) -Arrow A-

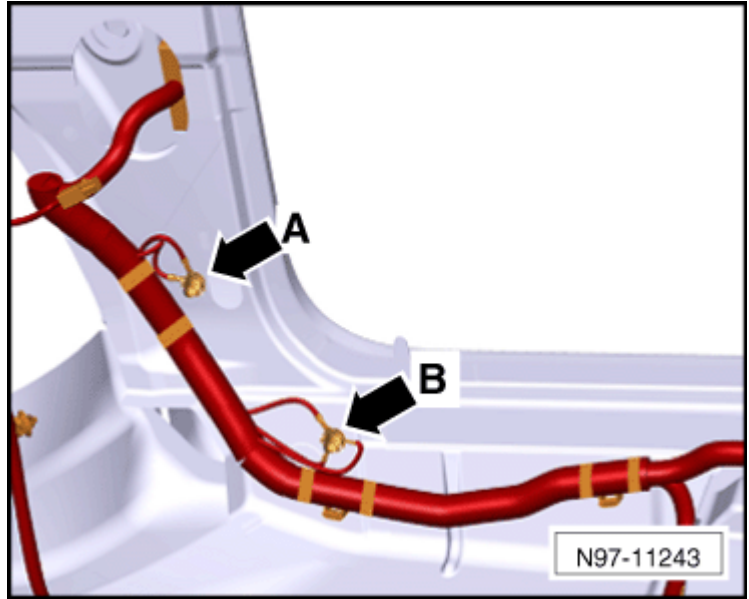


Golf

Component Locations

No. 801 / 21

- 47 Ground Connection (in front right footwell)
-Arrow B-

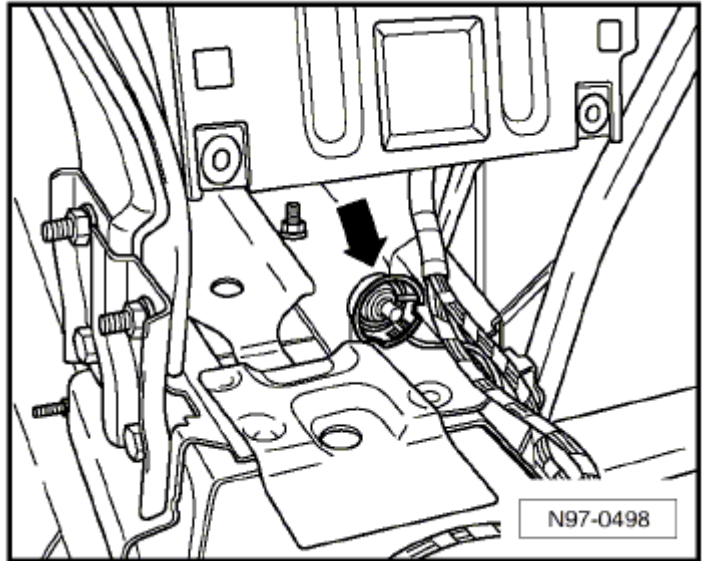


Golf

Component Locations

No. 801 / 22

- 610 Ground Connection (Audio) (under center console, front) -Arrow-

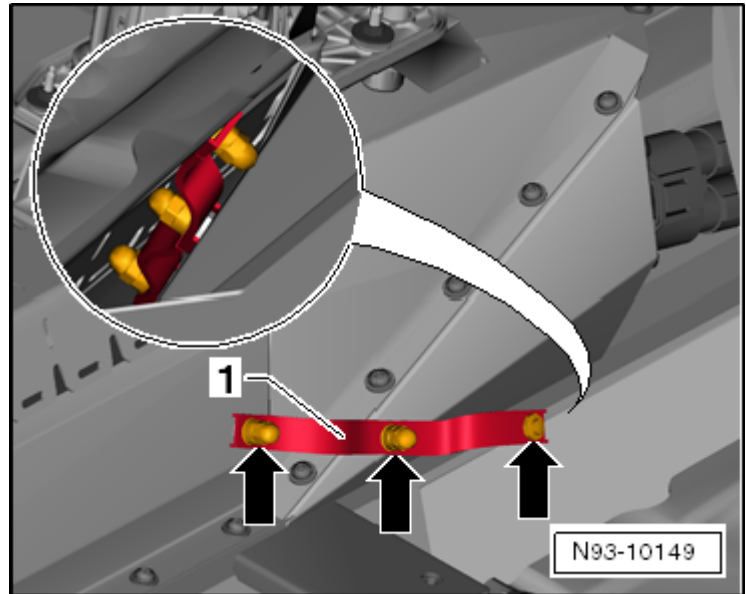


Golf

Component Locations

No. 801 / 23

- 739 Ground connection on the right underbody -1- , potential equalization cable -arrow- high voltage battery 1

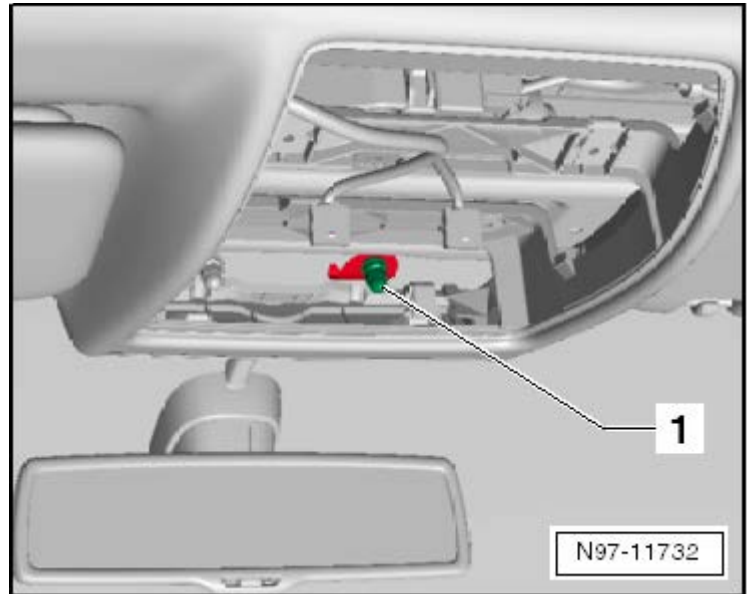


Golf

Component Locations

No. 801 / 24

71 Ground connection on front roof -1-

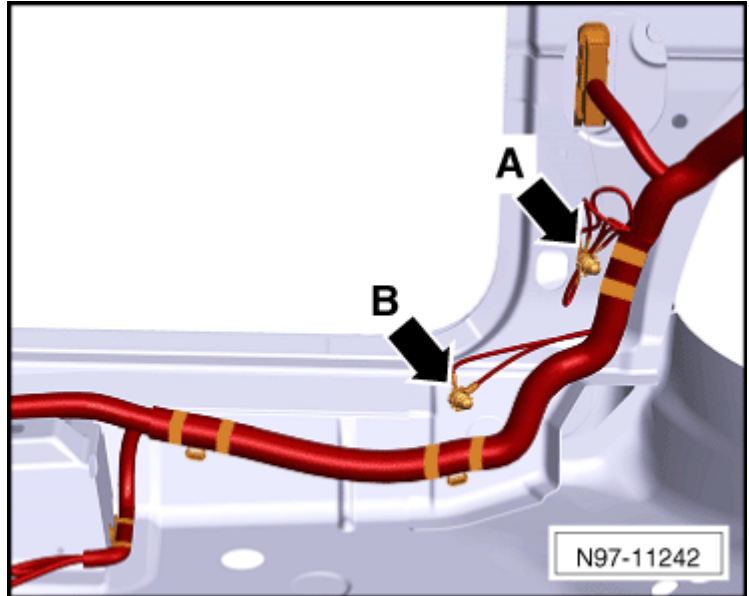


Golf

Component Locations

No. 801 / 25

602 Ground Connection (in front left footwell) - Arrow B-

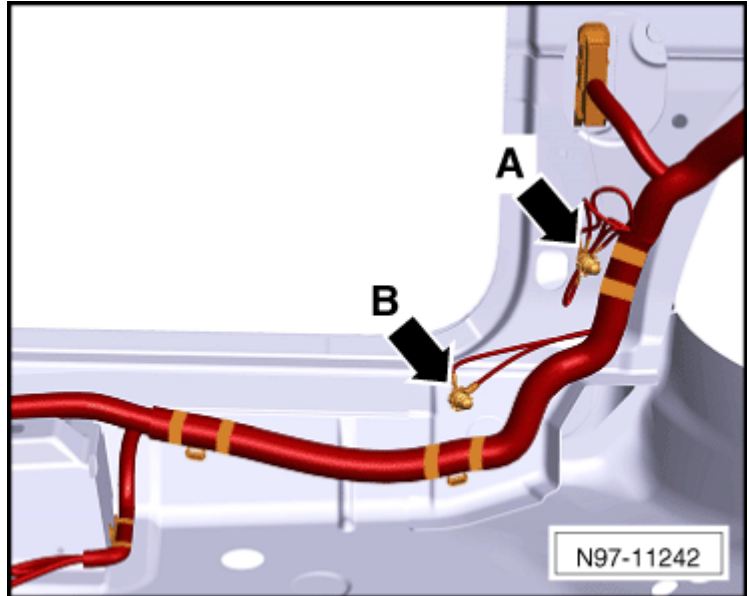


Golf

Component Locations

No. 801 / 26

- 44 Ground Connection (on left lower A-pillar)
-Arrow A-

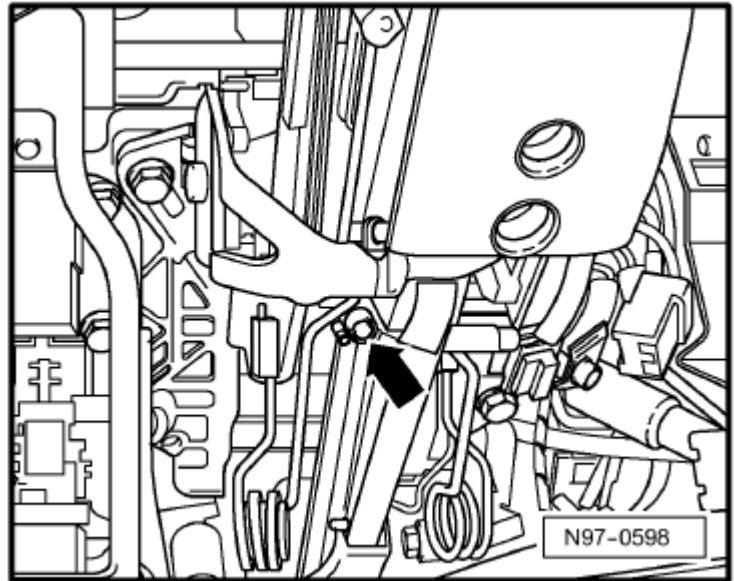


Golf

Component Locations

No. 801 / 27

- 605 Ground Connection (on upper steering column) -Arrow-



Golf

Component Locations

No. 801 / 28

Overview of Ground Connections in luggage compartment681 **Ground connection 1 in right rear side panel**

- Component location → Anchor
- Not used

682 **Ground connection 2 in right rear side panel**

- Component location → Anchor

53 **Ground connection in rear lid, right**

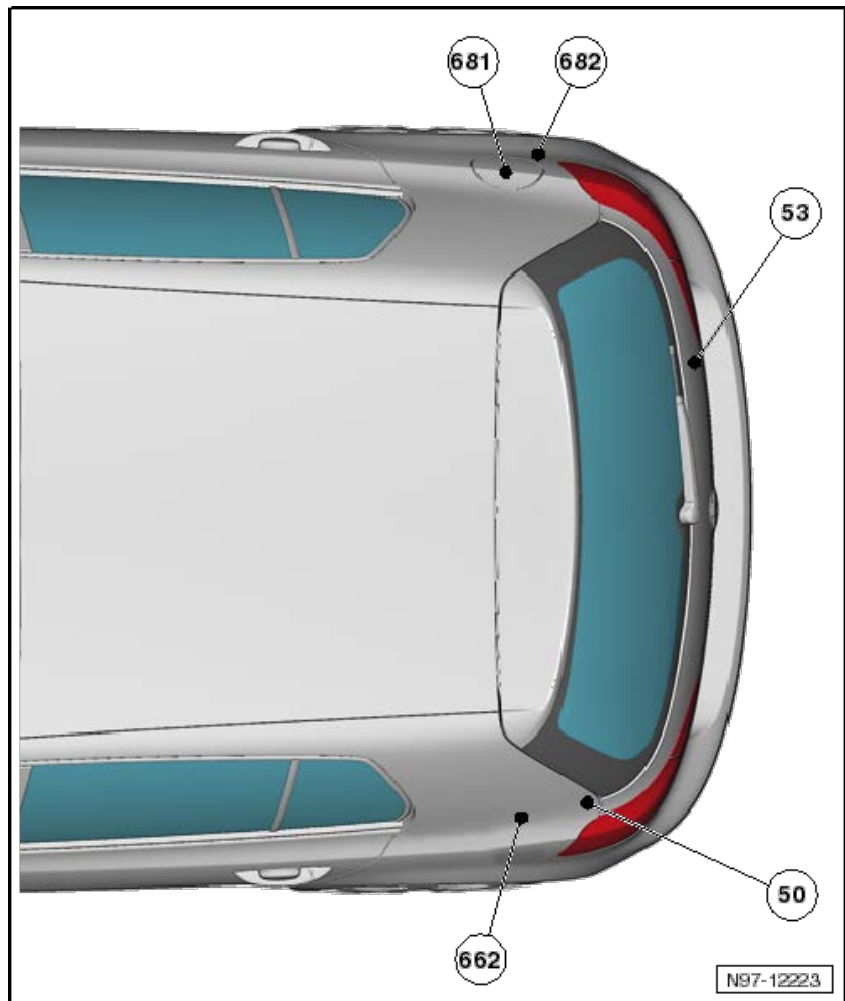
- Component location → Anchor

50 **Ground connection inside the luggage compartment on the left side**

- Tightening specification: 9 Nm
- Component location: → Anchor

662 **Ground connection inside the left rear side panel**

- Component location → Anchor



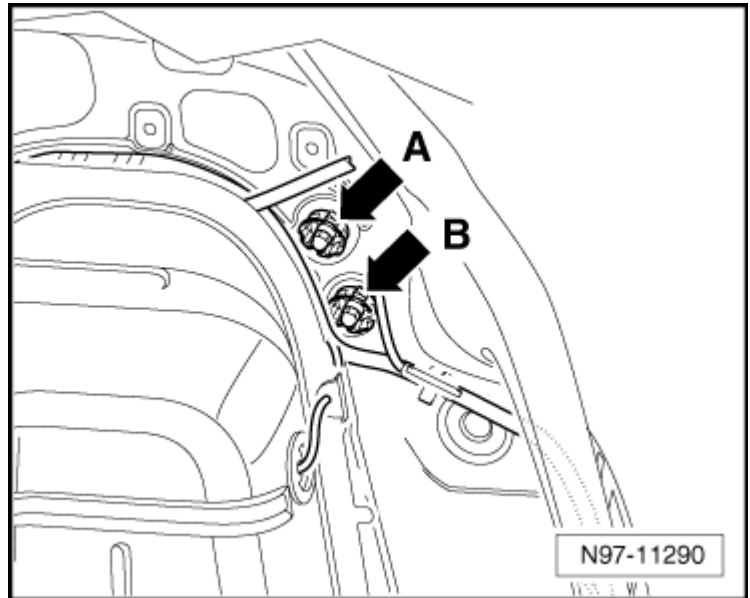
Golf

Component Locations

No. 801 / 29

681 Ground Connection 1 (in right rear side panel) -Arrow A-

Not used

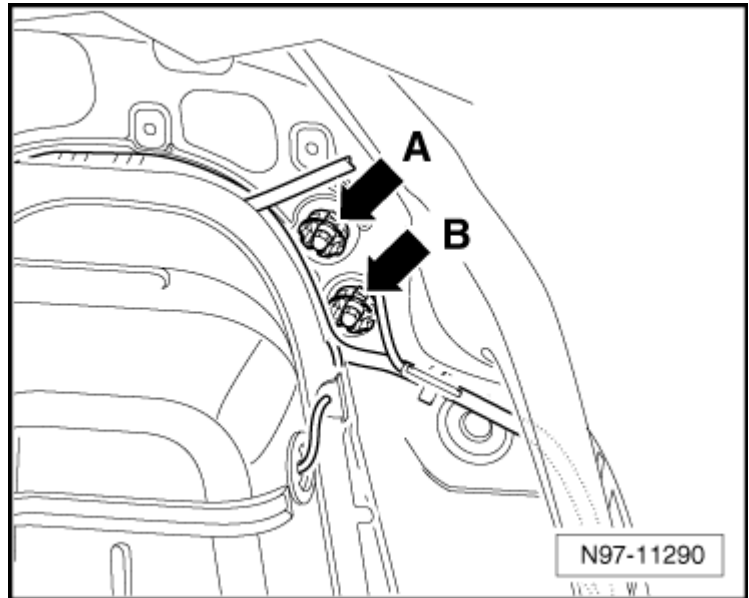


Golf

Component Locations

No. 801 / 30

682 Ground Connection 2 (in right rear side panel) -Arrow B-

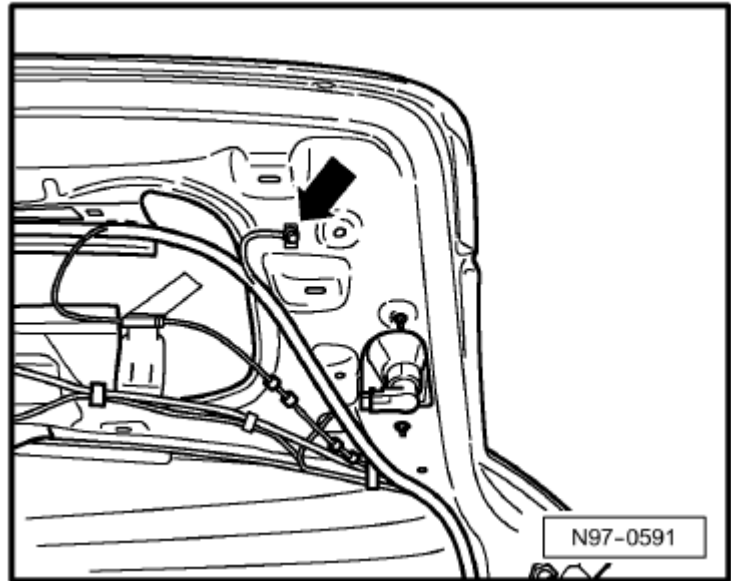


Golf

Component Locations

No. 801 / 31

- 53 Ground Connection (in rear lid, right) -
Arrow-

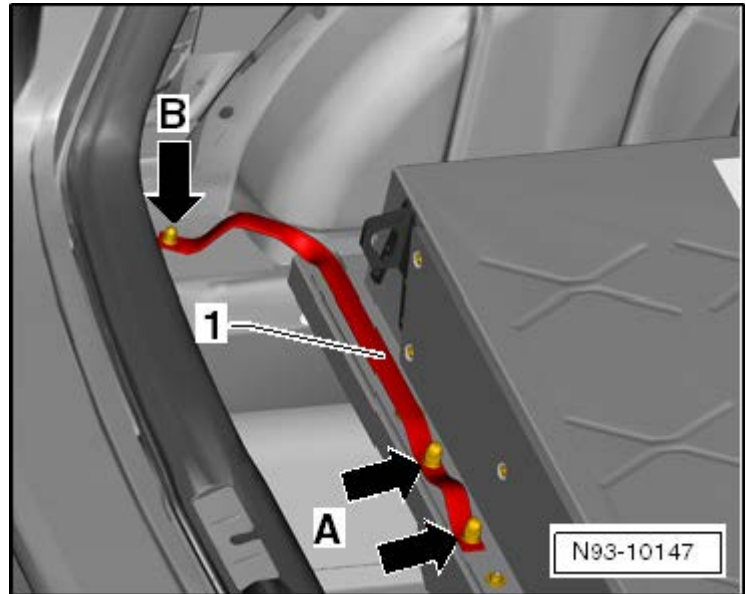


Golf

Component Locations

No. 801 / 32

- 50 Ground connection inside the luggage compartment on the left side -arrow B-

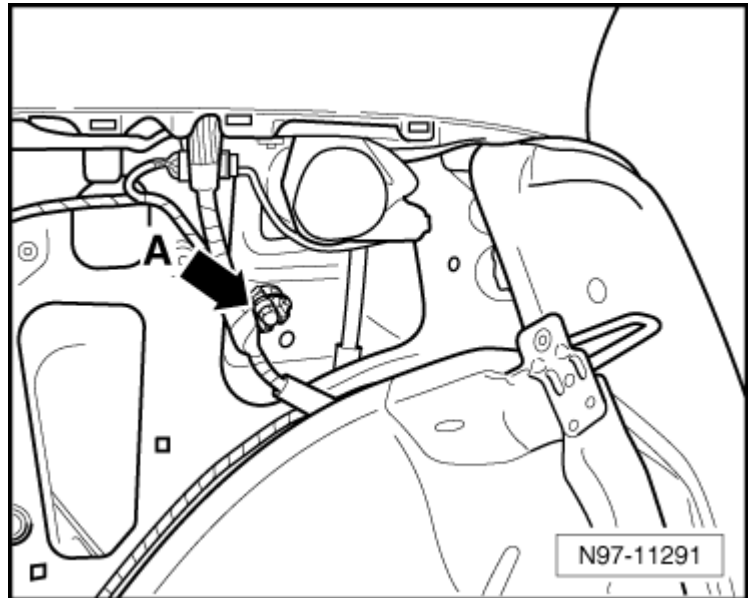


Golf

Component Locations

No. 801 / 33

- 662 Ground Connection (in left rear side panel) -arrow A-



Golf

Component Locations

No. 858 / 1

Edition 06.2009

Parking Aid Systems

Parking Aid System

1 - Sensors in rear bumper cover

- ❑ Left Rear Parking Aid Sensor - G203-
- ❑ Left Rear Center Parking Aid Sensor -G204-
- ❑ Right Rear Center Parking Aid Sensor -G205-
- ❑ Right Rear Parking Aid Sensor -G206-

2 - Rear Parking Aid Warning Buzzer -H15- → Fig.

- ❑ Located on the right C-pillar behind the trim

3 - Parking Aid Button -E266-

- ❑ Parallel Parking Assist/Parking Aid System location
→ Chapter

4 - Parallel Parking Assistance Control Module -J791- → Fig.

- ❑ Located above the relay carrier inside the driver side footwell
- ❑ Parallel Parking Assist/Parking Aid System location
→ Chapter

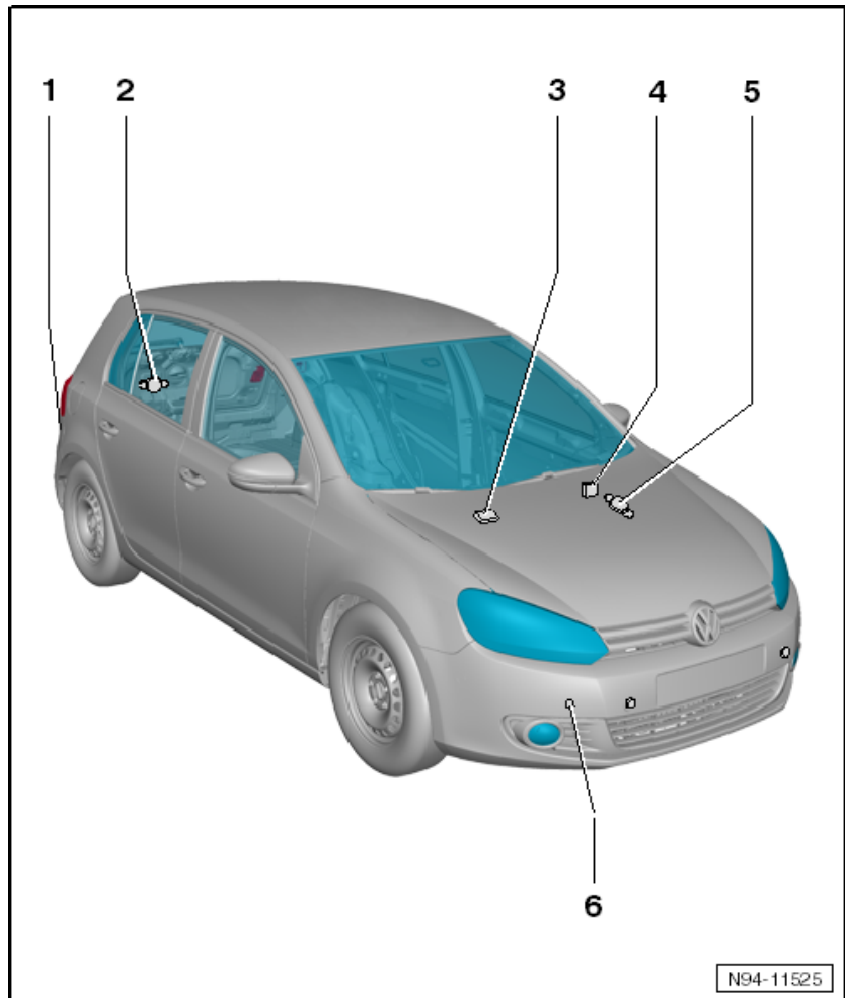
5 - Front Parking Aid Warning Buzzer -H22- → Fig.

- ❑ Located under the instrument panel in the footwell and fastened to the relay carrier mounting

- ❑ Parallel Parking Assist/Parking Aid System location → Chapter

6 - Sensors in front bumper cover

- ❑ Left Front Parking Aid Sensor -G255-
- ❑ Left Front Center Parking Aid Sensor -G254-
- ❑ Right Front Center Parking Aid Sensor -G253-
- ❑ Right Front Parking Aid Sensor -G252-
- ❑ Parallel Parking Assist/Parking Aid System location → Chapter



Golf

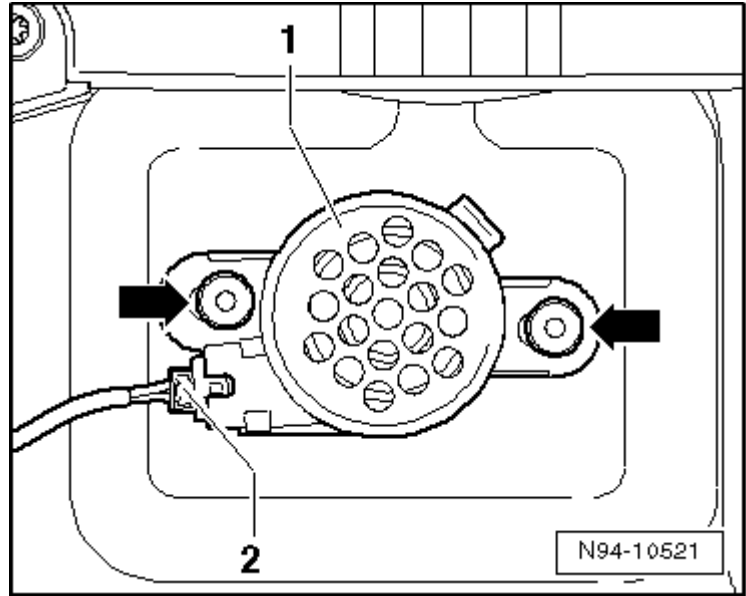
Component Locations

No. 858 / 2

Rear Parking Aid Warning Buzzer

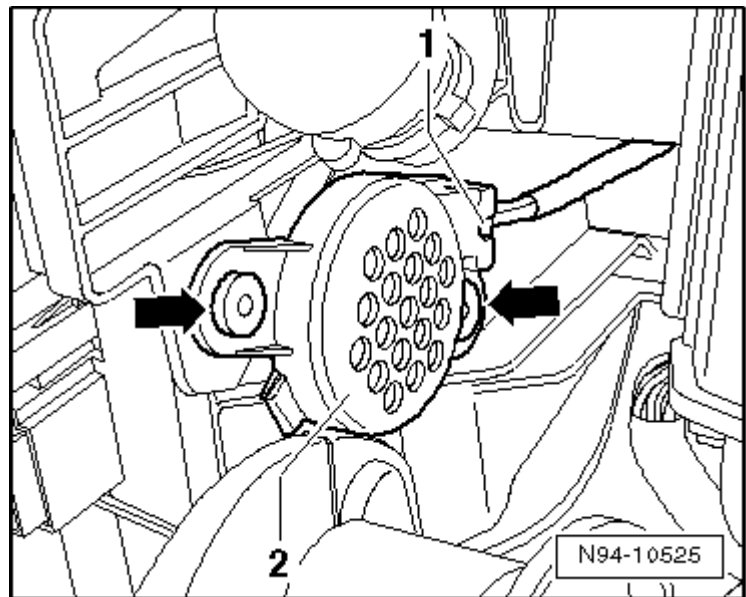
1 - Rear Parking Aid Warning Buzzer -H15-

- Located at the C-column right behind the trim

**Front Parking Aid Warning Buzzer**

1 - Front Parking Aid Warning Buzzer -H22-

- Located under the instrument panel on the driver side fastened to the console for the relay support



Golf

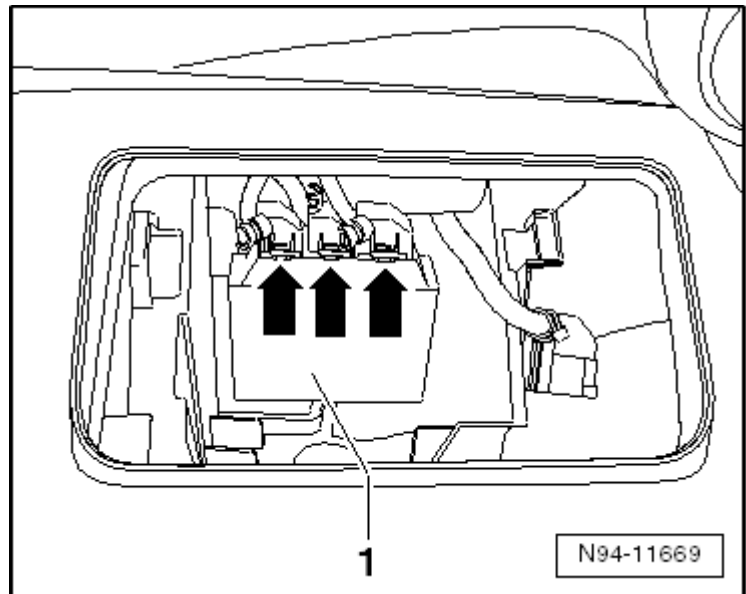
Component Locations

No. 858 / 3

Parallel Parking Assistance Control Module

1 - Parallel Parking Assistance Control
Module -J791-

- Located above the relay carrier inside the driver side footwell



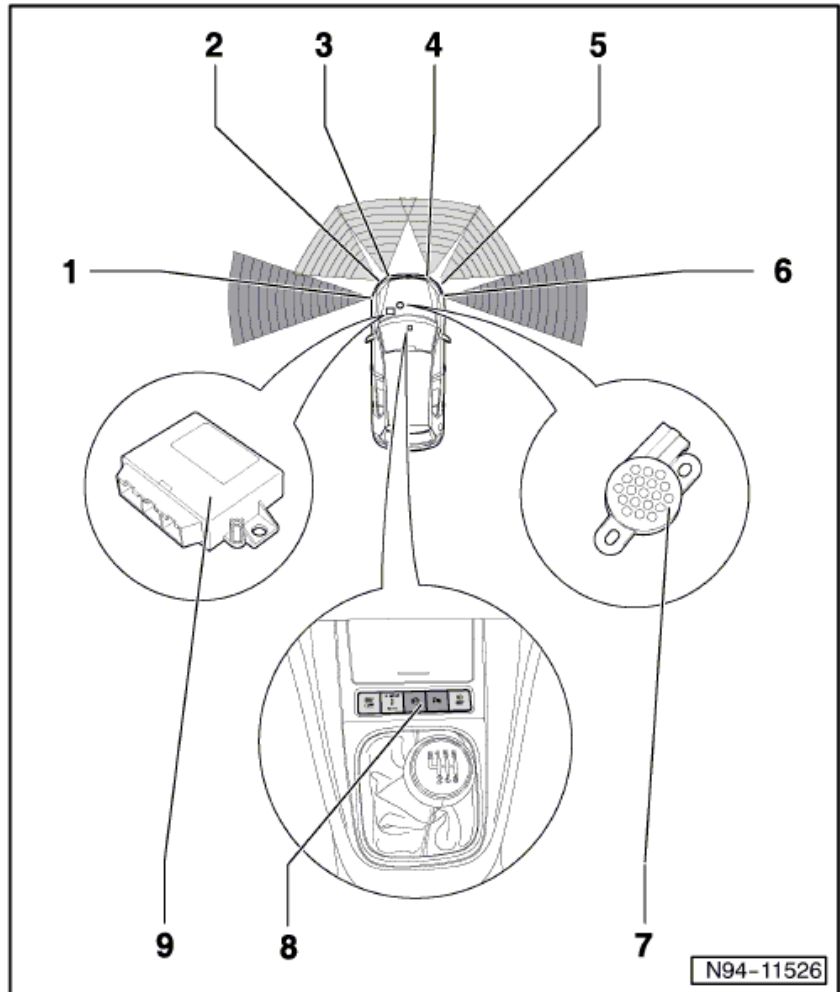
Golf

Component Locations

No. 858 / 4

Parallel Parking Assist/Parking Aid System

- 1 - Left Front Parallel Parking Assistance Sensor (vehicle - left side) -G568-
- 2 - Left Front Parking Aid Sensor -G255-
- 3 - Left Front Center Parking Aid Sensor -G254-
- 4 - Right Front Center Parking Aid Sensor -G253-
- 5 - Right Front Parking Aid Sensor -G252-
- 6 - Right Front Parallel Parking Assistance Sensor (vehicle - right side) -G569-
- 7 - Front Parking Aid Warning Buzzer -H22- → Fig.
 - Located inside the footwell on the driver side on the instrument panel relay carrier
- 8 - Parking Aid Button -E266-
- 9 - Parallel Parking Assistance Control Module -J791- → Fig.
 - Located Inside the footwell on the driver side above the relay carrier



Golf

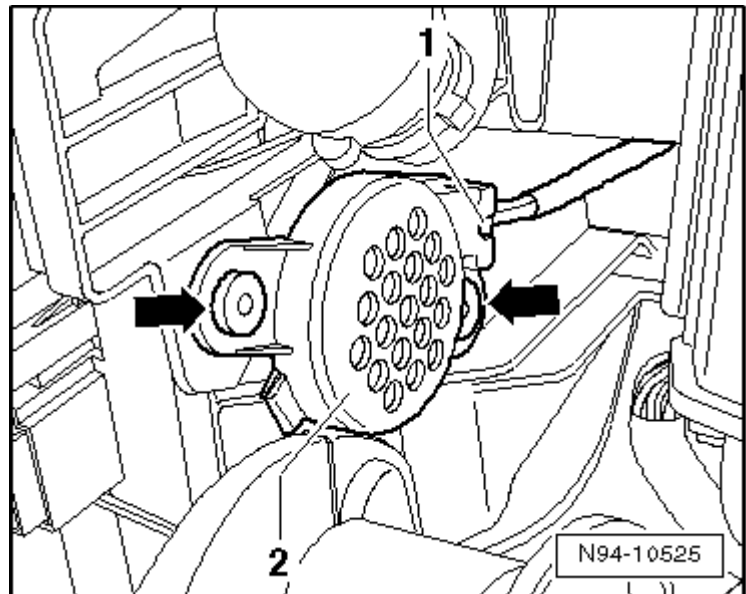
Component Locations

No. 858 / 5

Front Parking Aid Warning Buzzer

1 - Front Parking Aid Warning Buzzer -H22-

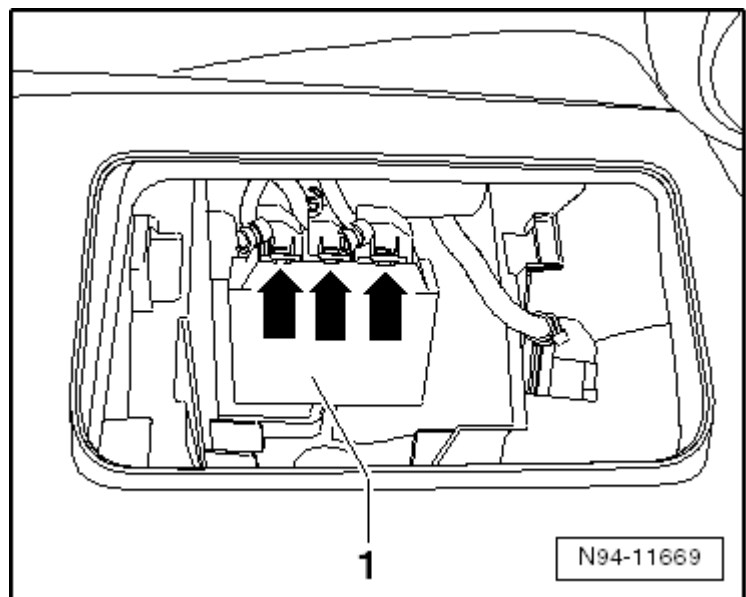
- Located inside the footwell on the driver side on the instrument panel relay carrier



Parallel Parking Assistance Control Module

1 - Parallel Parking Assistance Control Module -J791-

- Located on the driver side above the relay support



Golf

Component Locations

No. 868 / 1

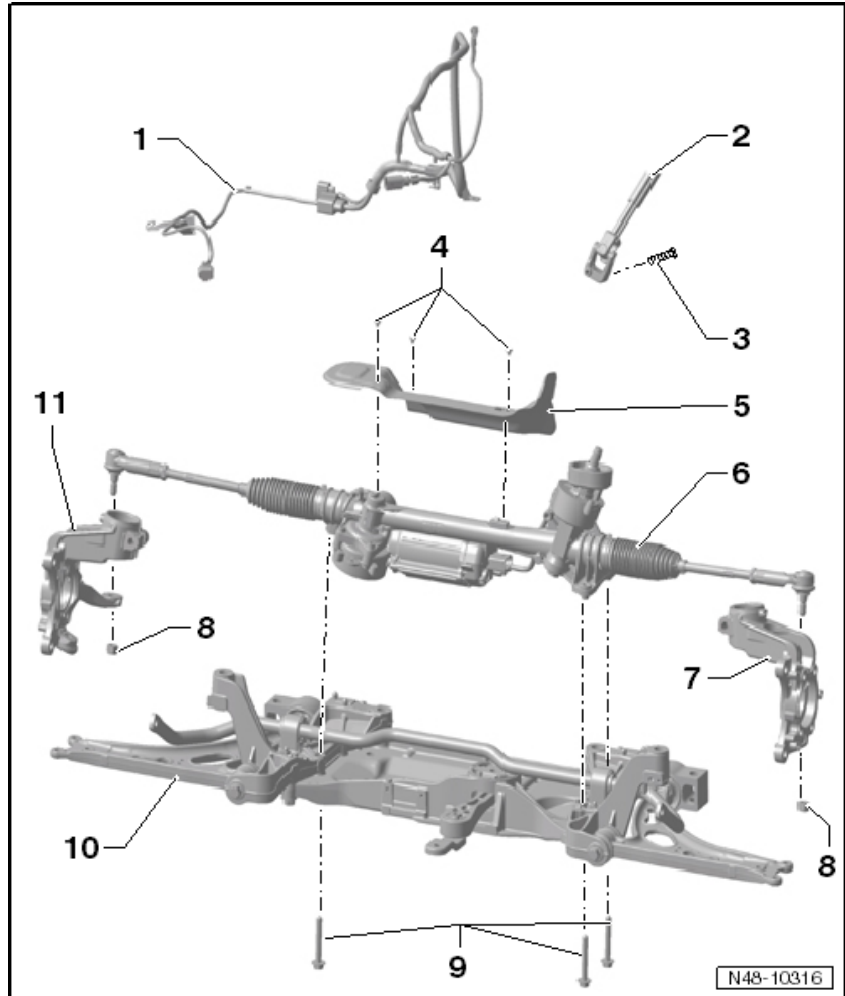
Edition 07.2009

Power Steering Systems

Electro-mechanical Power Steering

**6 - Power Steering Unit With
Electro/ Mechanical Steering**

- Power Steering Control Module -J500-
- Electro-mechanical Power Steering Motor -V187-
- Steering Angle Sensor -G85-
- Steering Torque Sensor -G269-
- The previous components are all integrated into the Steering Unit



Radio / Navigation Systems

Select from system or component below to navigate to location views.

- ◆ Basic Radio Systems → [Chapter](#)
- ◆ RCD 210 Overview → [Chapter](#)
- ◆ RCD 310 Overview → [Chapter](#)
- ◆ RCD 510 Overview → [Chapter](#)
- ◆ RNS 310 Overview → [Chapter](#)
- ◆ RNS 510 Overview → [Chapter](#)
- ◆ Back Window Antenna Overview → [Chapter](#)
- ◆ Antenna System without Diversity Overview → [Chapter](#)
- ◆ Diversity and Navigation Antenna Overview → [Chapter](#)
- ◆ Diversity (DAB) Wireless Reception and Navigation Antenna Overview → [Chapter](#)

Golf

Component Locations

No. 859 / 2

<p>Multimedia Control Module -J650-</p> <ul style="list-style-type: none"> ◆ RCD 210 Overview → Chapter ◆ RCD 310 Overview → Chapter ◆ RCD 510 Overview → Chapter ◆ RNS 310 Overview → Chapter ◆ RNS 510 Overview → Chapter 	<p>Right Front Treble Speaker -R22- and Left Front Treble Speaker -R20-</p> <ul style="list-style-type: none"> ◆ Basic Radio Systems → Chapter ◆ RCD 210 Overview → Chapter ◆ RCD 310 Overview → Chapter ◆ RCD 510 Overview → Chapter ◆ RNS 310 Overview → Chapter ◆ RNS 510 Overview → Chapter 	<p>Radio -R- or Radio/Navigation Display Unit Control Module -J503-</p> <ul style="list-style-type: none"> ◆ Basic Radio Systems → Chapter ◆ RCD 210 Overview → Chapter ◆ RCD 310 Overview → Chapter ◆ RCD 510 Overview → Chapter ◆ RNS 310 Overview → Chapter ◆ RNS 510 Overview → Chapter 	<p>AM Frequency Filter -R177-</p> <ul style="list-style-type: none"> ◆ Back Window Antenna Overview → Chapter ◆ Antenna System without Diversity Overview → Chapter ◆ Diversity and Navigation Antenna Overview → Chapter ◆ Diversity (DAB) Wireless Reception and Navigation Antenna Overview → Chapter
<p>Left Rear Treble Speaker -R14- and Right Rear Treble Speaker -R16-</p> <ul style="list-style-type: none"> ◆ Basic Radio Systems → Chapter ◆ RCD 210 Overview → Chapter ◆ RCD 310 Overview → Chapter ◆ RCD 510 Overview → Chapter ◆ RNS 310 Overview → Chapter ◆ RNS 510 Overview → Chapter 	<p>Amplifier -R12-</p> <ul style="list-style-type: none"> ◆ RCD 310 Overview → Chapter ◆ RCD 510 Overview → Chapter ◆ RNS 310 Overview → Chapter ◆ RNS 510 Overview → Chapter 	<p>Telephone/Navigation System (GPS)/Auxiliary Heater Antenna -R66- /GPS antenna -R50- /Auxiliary heater antenna -R182- /Telephone antenna -R65-</p> <ul style="list-style-type: none"> ◆ Antenna System without Diversity Overview → Chapter ◆ Diversity and Navigation Antenna Overview → Chapter ◆ Diversity (DAB) Wireless Reception and Navigation Antenna Overview → Chapter 	<p>FM Frequency Filter (in negative wire) -R178-</p> <ul style="list-style-type: none"> ◆ Back Window Antenna Overview → Chapter ◆ Antenna System without Diversity Overview → Chapter ◆ Diversity and Navigation Antenna Overview → Chapter ◆ Diversity (DAB) Wireless Reception and Navigation Antenna Overview → Chapter
<p>Right Rear Bass Speaker -R17- and Left Rear Bass Speaker -R15-</p> <ul style="list-style-type: none"> ◆ Basic Radio Systems → Chapter ◆ RCD 210 Overview → Chapter ◆ RCD 310 Overview → Chapter ◆ RCD 510 Overview → Chapter ◆ RNS 310 Overview → Chapter ◆ RNS 510 Overview → Chapter 	<p>CD changer -R41-</p> <ul style="list-style-type: none"> ◆ RCD 210 Overview → Chapter ◆ RCD 310 Overview → Chapter ◆ RCD 510 Overview → Chapter ◆ RNS 310 Overview → Chapter ◆ RNS 510 Overview → Chapter 	<p>Left Antenna Module -R108-</p> <ul style="list-style-type: none"> ◆ Back Window Antenna Overview → Chapter ◆ Diversity and Navigation Antenna Overview → Chapter ◆ Diversity (DAB) Wireless Reception and Navigation Antenna Overview → Chapter 	<p>FM Frequency Filter (in positive wire) -R179-</p> <ul style="list-style-type: none"> ◆ Back Window Antenna Overview → Chapter ◆ Antenna System without Diversity Overview → Chapter ◆ Diversity and Navigation Antenna Overview → Chapter ◆ Diversity (DAB) Wireless Reception and Navigation Antenna Overview → Chapter
<p>Right Front Bass Speaker -R23- and Left Front Bass Speaker -R21-</p>	<p>External Audio Source Connection -R199-</p> <ul style="list-style-type: none"> ◆ RCD 210 Overview 	<p>Right Antenna Module -R109-</p> <ul style="list-style-type: none"> ◆ Back Window Antenna 	<p>Rear Window Antenna 1 -R130- /Antenna -R11- /Radio antenna 2 -R93-</p>

<ul style="list-style-type: none"> ◆ Basic Radio Systems → Chapter ◆ RCD 210 Overview → Chapter ◆ RCD 310 Overview → Chapter ◆ RCD 510 Overview → Chapter ◆ RNS 310 Overview → Chapter ◆ RNS 510 Overview → Chapter 	<p style="text-align: center;">→ Chapter</p> <ul style="list-style-type: none"> ◆ RCD 310 Overview → Chapter ◆ RCD 510 Overview → Chapter ◆ RNS 510 Overview → Chapter 	<p style="text-align: center;">Overview → Chapter</p> <ul style="list-style-type: none"> ◆ Antenna System without Diversity Overview → Chapter ◆ Diversity and Navigation Antenna Overview → Chapter ◆ Diversity (DAB) Wireless Reception and Navigation Antenna Overview → Chapter 	<p style="text-align: center;">/Digital radio antenna - R183-</p> <ul style="list-style-type: none"> ◆ Back Window Antenna Overview → Chapter ◆ Antenna System without Diversity Overview → Chapter ◆ Diversity and Navigation Antenna Overview → Chapter ◆ Diversity (DAB) Wireless Reception and Navigation Antenna Overview → Chapter
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Golf

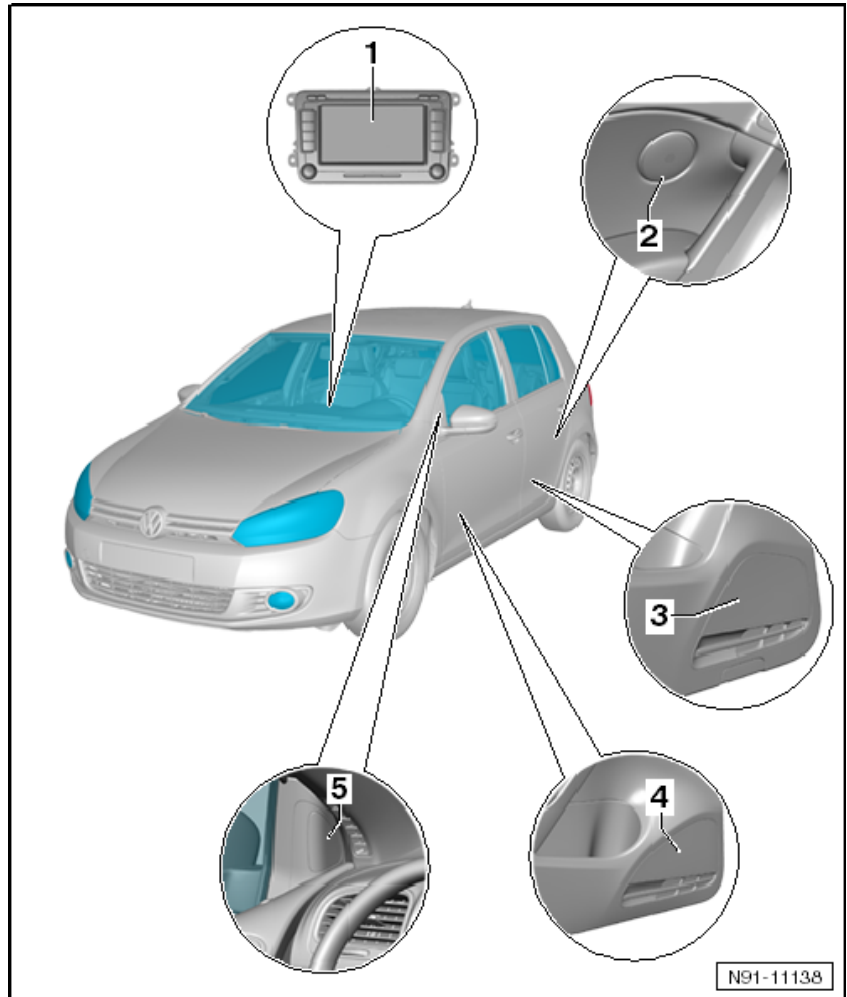
Component Locations

No. 859 / 3

Radio Systems Overview

Basic Radio Systems

- 1 - Radio/Navigation Display Unit Control Module -J503- or Radio -R-
- 2 - Right Rear Treble Speaker - R16- and Left Rear Treble Speaker -R14-
- 3 - Right Rear Bass Speaker -R17- and Left Rear Bass Speaker - R15-
- 4 - Right Front Bass Speaker - R23- and Left Front Bass Speaker -R21-
- 5 - Right Front Treble Speaker - R22- and Left Front Treble Speaker -R20-

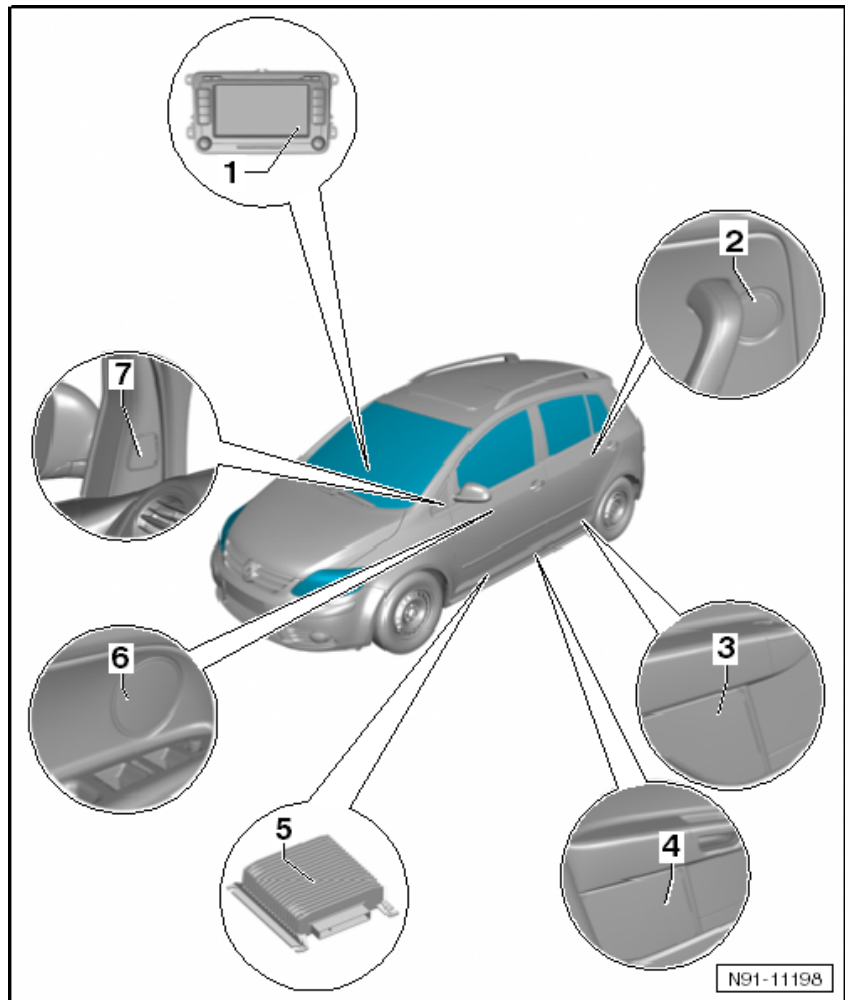


Golf

Component Locations

No. 859 / 4

- 1 - Radio/Navigation Display Unit Control Module -J503- or Radio -R-
- 2 - Right Rear Treble Speaker - R16- and Left Rear Treble Speaker -R14-
- 3 - Right Rear Bass Speaker -R17- and Left Rear Bass Speaker - R15-
- 4 - Right Front Bass Speaker - R23- and Left Front Bass Speaker -R21-
- 5 - Amplifier -R12- → **Fig.**
- Installed under left front seat
- 6 - Right Front Midrange Speaker -R104- and Left Front Midrange Speaker -R103-
- Not installed on all systems
- 7 - Right Front Treble Speaker - R22- and Left Front Treble Speaker -R20-



Golf

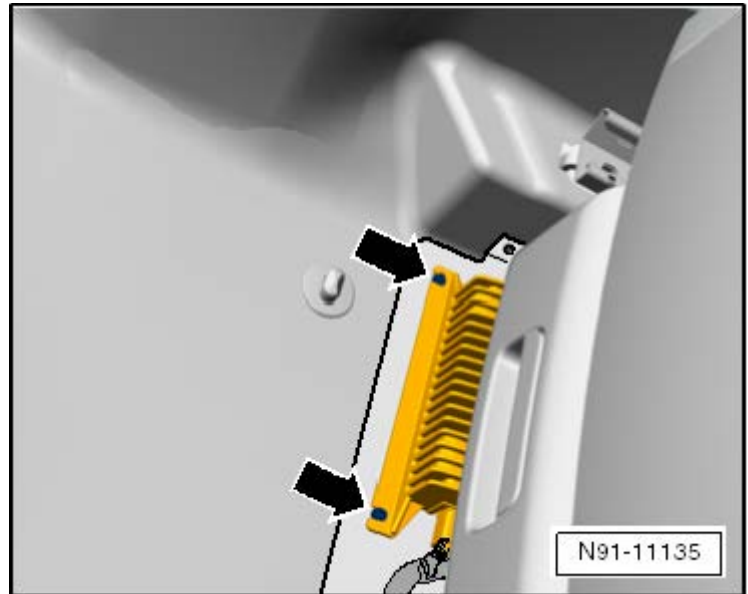
Component Locations

No. 859 / 5

Amplifier

-- Amplifier -R12-

- Installed under left front seat



Golf

Component Locations

No. 859 / 6

RCD 210 Overview**1 - Multimedia Control Module - J650-**

- Installed in center console
- Optional “CD changer” or “multi media system control module”. It is not possible to have both systems together because both systems have the same installation location.

2 - External Audio Source Connection -R199-

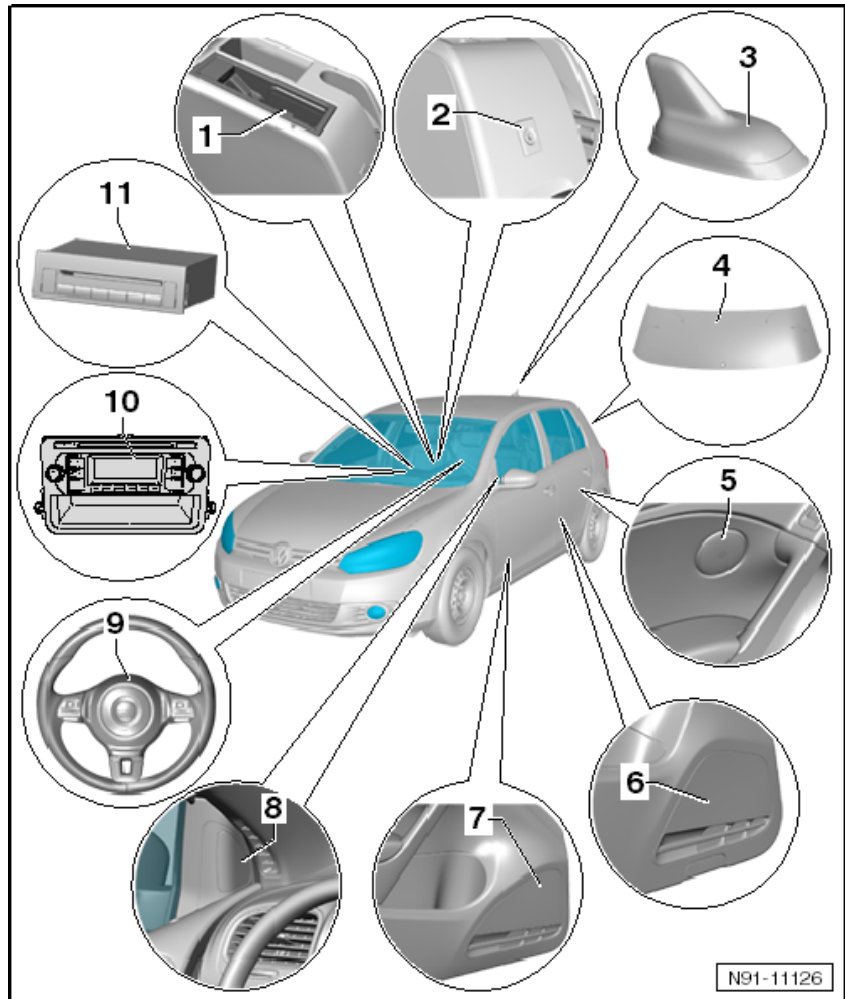
- Installed in the storage compartment under the center armrest

3 - Telephone/Navigation System (GPS)/Auxiliary Heater Antenna -R66-

- Installed on rear of roof

4 - Rear Window Antenna 1 - R130- /Antenna -R11- /Radio antenna 2 -R93- /Digital radio antenna -R183-**5 - Right Rear Treble Speaker - R16- and Left Rear Treble Speaker -R14-****6 - Right Rear Bass Speaker -R17- and Left Rear Bass Speaker - R15-****7 - Right Front Bass Speaker - R23- and Left Front Bass Speaker -R21-****8 - Right Front Treble Speaker - R22- and Left Front Treble Speaker -R20-****9 - Left Multi-function Buttons (on steering wheel) -E440- and Right Multi-function Buttons (on steering wheel) -E441-****10 - Radio -R- (RCD 210)****11 - CD changer -R41-**

- 6-disc CD changer
- Installed in center console
- optional “CD changer” or “multi media system control module”. It is not possible to have both systems together because both systems have the same installation location.



Golf

Component Locations

No. 859 / 7

RCD 310 Overview**1 - Multimedia Control Module - J650-**

- ❑ Installed in center console
- ❑ Optional “CD changer” or “multi media system control module”. It is not possible to have both systems together because both systems have the same installation location.

2 - External Audio Source Connection -R199-

- ❑ Installed in the storage compartment under the center armrest

3 - Telephone/Navigation System (GPS)/Auxiliary Heater Antenna -R66-

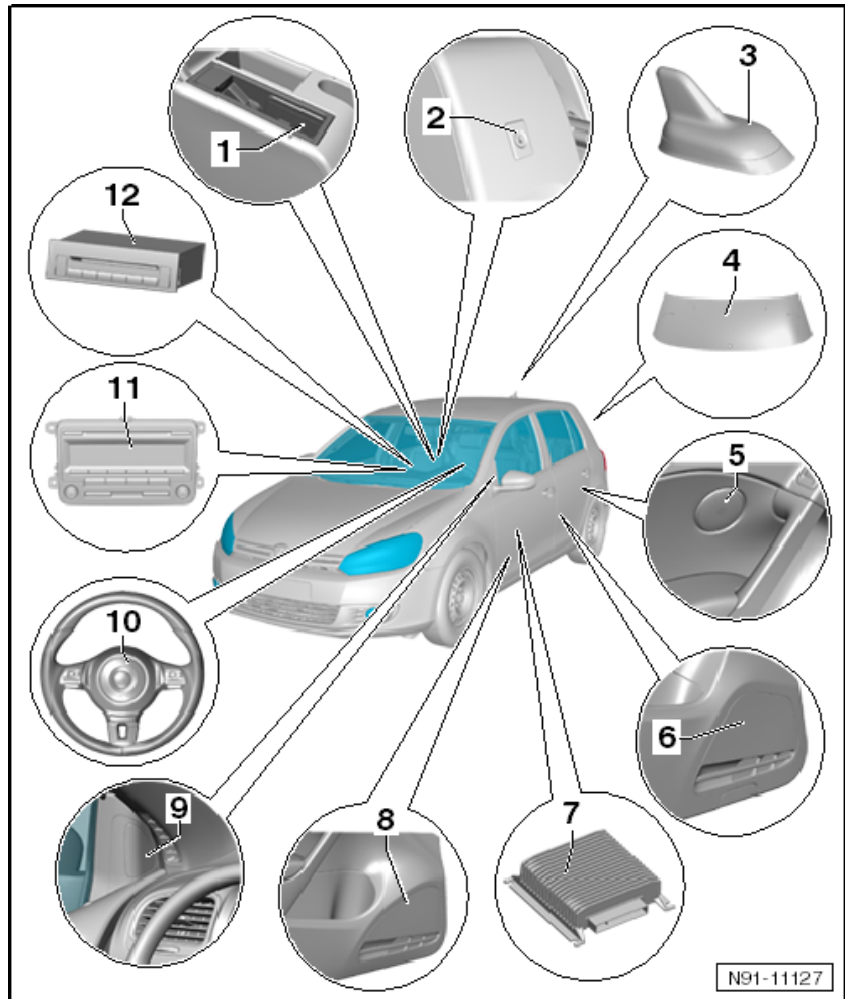
- ❑ Installed on rear of roof

4 - Rear Window Antenna 1 - R130- /Antenna -R11- /Radio antenna 2 -R93- /Digital radio antenna -R183-**5 - Right Rear Treble Speaker - R16- and Left Rear Treble Speaker -R14-****6 - Right Rear Bass Speaker -R17- and Left Rear Bass Speaker - R15-****7 - Amplifier -R12- → Fig.**

- ❑ Installed under left front seat

8 - Right Front Bass Speaker - R23- and Left Front Bass Speaker -R21-**9 - Right Front Treble Speaker -R22- and Left Front Treble Speaker -R20-****10 - Left Multi-function Buttons (on steering wheel) -E440- and Right Multi-function Buttons (on steering wheel) -E441-****11 - Radio -R- (RCD 310)****12 - CD changer -R41-**

- ❑ 6-disc CD changer
- ❑ Installed in center console
- ❑ optional “CD changer” or “multi media system control module”. It is not possible to have both systems together because both systems have the same installation location.



Golf

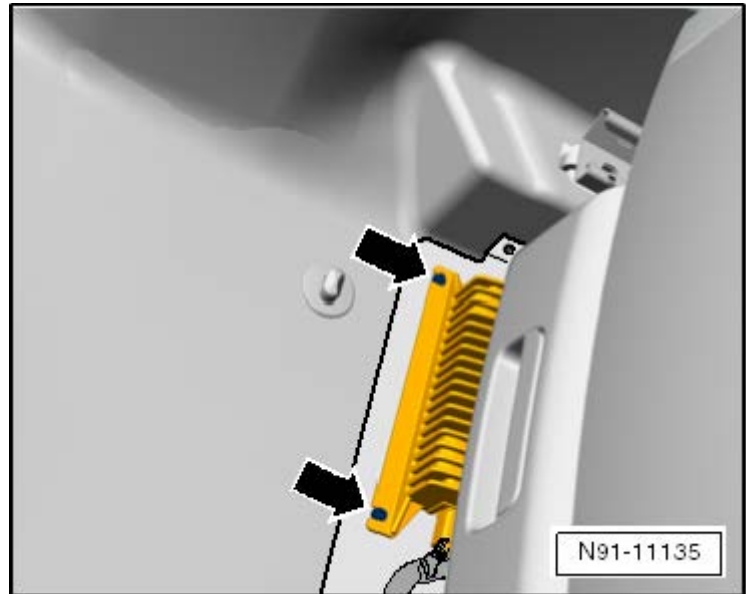
Component Locations

No. 859 / 8

Amplifier

-- Amplifier -R12-

- Installed under left front seat



Golf

Component Locations

No. 859 / 9

RCD 510 Overview**1 - Multimedia Control Module - J650-**

- ❑ Installed in center console
- ❑ Optional “CD changer” or “multi media system control module”. It is not possible to have both systems together because both systems have the same installation location.

2 - External Audio Source Connection -R199-

- ❑ Installed in the storage compartment under the center armrest

3 - Telephone/Navigation System (GPS)/Auxiliary Heater Antenna -R66-

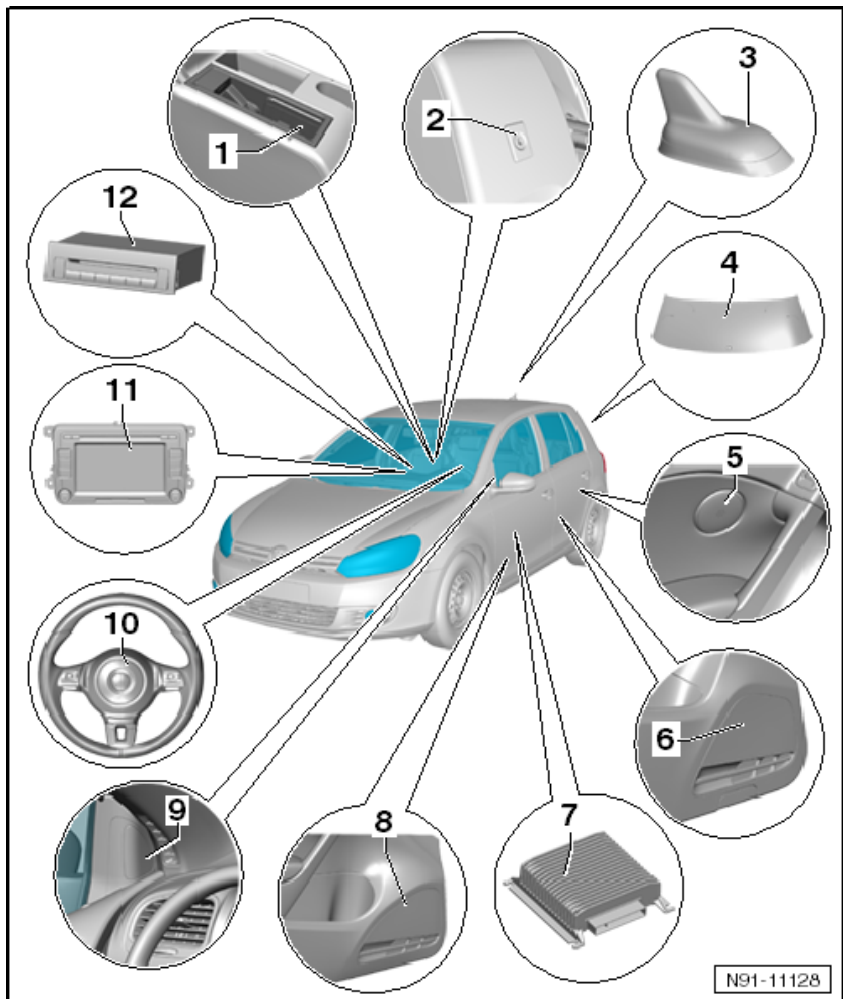
- ❑ Installed on rear of roof

4 - Rear Window Antenna 1 - R130- /Antenna -R11- /Radio antenna 2 -R93- /Digital radio antenna -R183-**5 - Right Rear Treble Speaker - R16- and Left Rear Treble Speaker -R14-****6 - Right Rear Bass Speaker -R17- and Left Rear Bass Speaker - R15-****7 - Amplifier -R12-**

- ❑ Installed under left front seat
→ Fig.

8 - Right Front Bass Speaker - R23- and Left Front Bass Speaker -R21-**9 - Right Front Treble Speaker -R22- and Left Front Treble Speaker -R20-****10 - Left Multi-function Buttons (on steering wheel) -E440- and Right Multi-function Buttons (on steering wheel) -E441-****11 - Radio -R- (RCD 510)****12 - CD changer -R41-**

- ❑ 6-disc CD changer
- ❑ Installed in center console
- ❑ optional “CD changer” or “multi media system control module”. It is not possible to have both systems together because both systems have the same installation location.



Golf

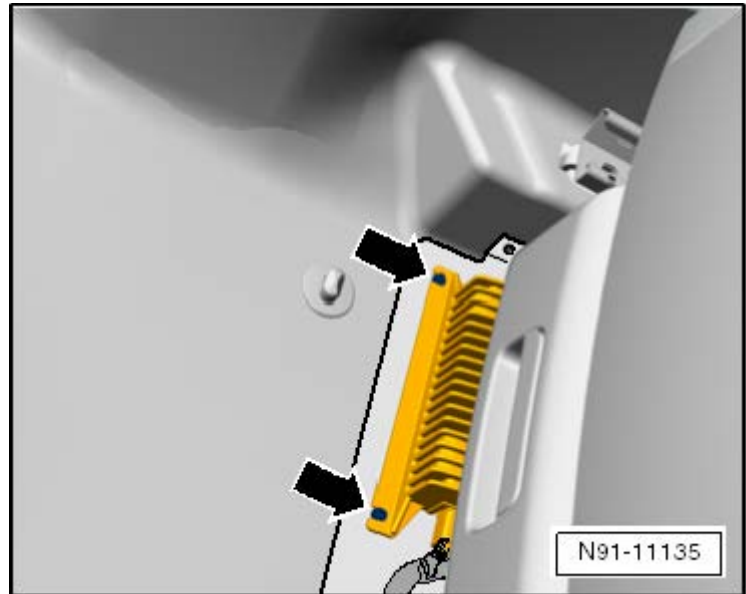
Component Locations

No. 859 / 10

Amplifier

-- Amplifier -R12-

- Installed under left front seat



Golf

Component Locations

No. 859 / 11

Navigation Systems Overview

RNS 310 Overview

1 - Multimedia Control Module - J650-

- Installed in center console
- Optional “CD changer” or “multi media system control module”. It is not possible to have both systems together because both systems have the same installation location.

2 - Telephone/Navigation System (GPS)/Auxiliary Heater Antenna -R66-

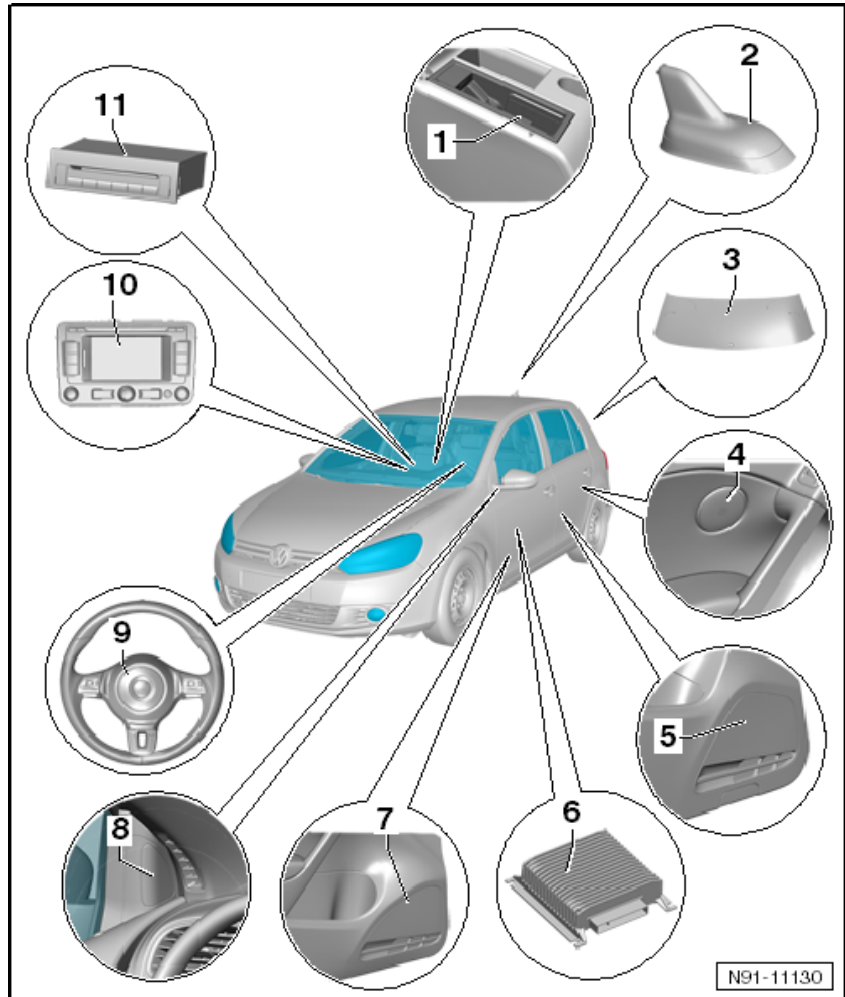
- Installed on rear of roof

3 - Rear Window Antenna 1 - R130- /Antenna -R11- /Radio antenna 2 -R93- /Digital radio antenna -R183-**4 - Right Rear Treble Speaker - R16- and Left Rear Treble Speaker -R14-****5 - Right Rear Bass Speaker -R17- and Left Rear Bass Speaker - R15-****6 - Amplifier -R12- → Fig.**

- Installed under left front seat

7 - Right Front Bass Speaker - R23- and Left Front Bass Speaker -R21-**8 - Right Front Treble Speaker - R22- and Left Front Treble Speaker -R20-****9 - Left Multi-function Buttons (on steering wheel) -E440- and Right Multi-function Buttons (on steering wheel) -E441-****10 - Radio/Navigation Display Unit Control Module -J503-****11 - CD changer -R41-**

- 6-disc CD changer
- Installed in center console
- optional “CD changer” or “multi media system control module”. It is not possible to have both systems together because both systems have the same installation location.



Golf

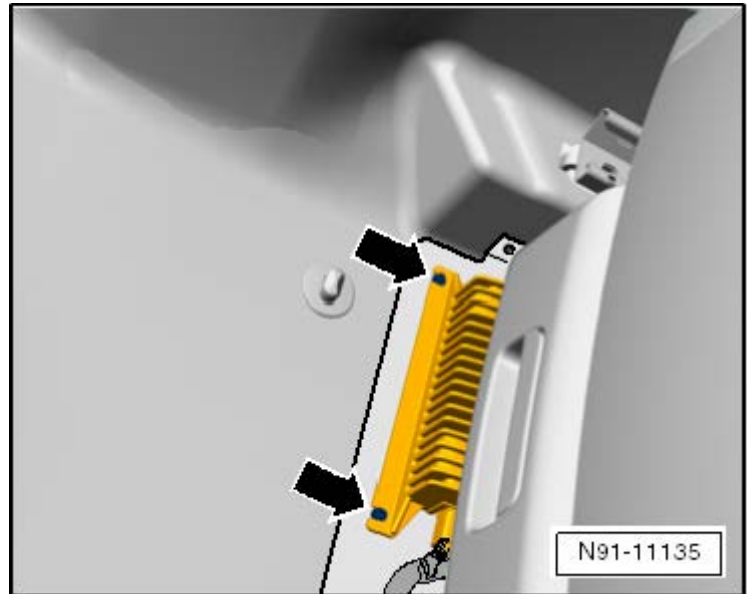
Component Locations

No. 859 / 12

Amplifier

-- Amplifier -R12-

- Installed under left front seat



Golf

Component Locations

No. 859 / 13

RNS 510 Overview**1 - Multimedia Control Module - J650-**

- ❑ Installed in center console
- ❑ Optional “CD changer” or “multi media system control module”. It is not possible to have both systems together because both systems have the same installation location.

2 - External Audio Source Connection -R199-

- ❑ Installed in the storage compartment under the center armrest

3 - Telephone/Navigation System (GPS)/Auxiliary Heater Antenna -R66-

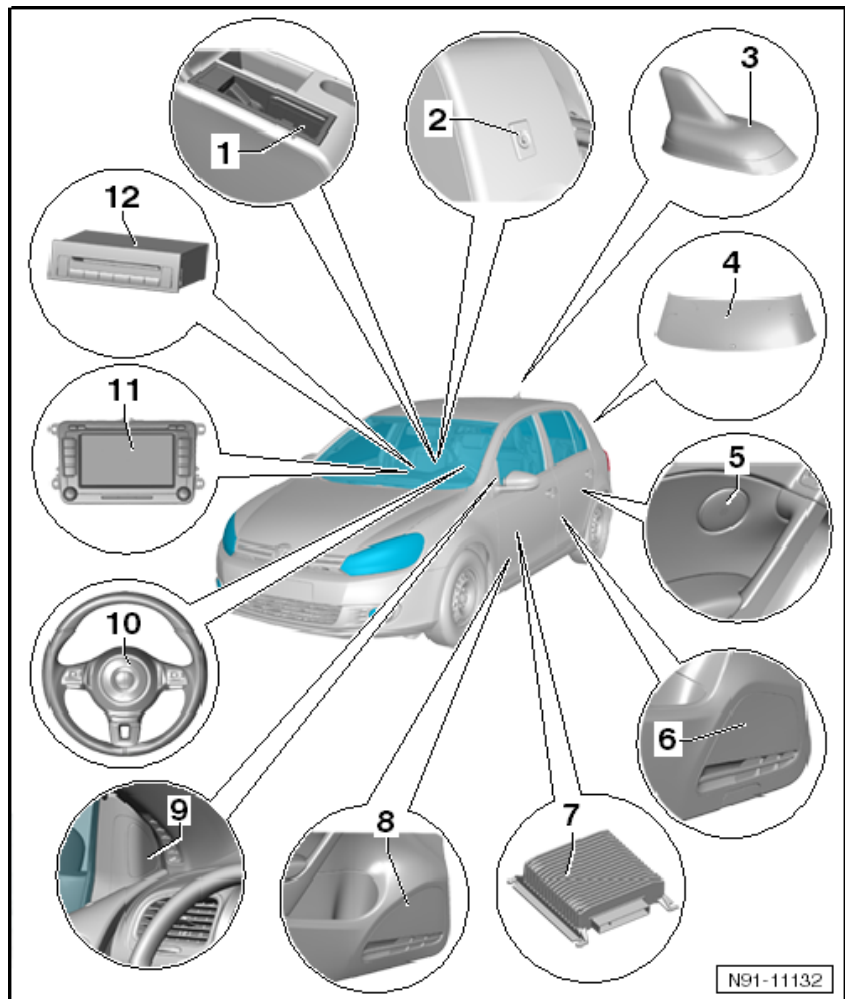
- ❑ Installed on rear of roof

4 - Rear Window Antenna 1 - R130- /Antenna -R11- /Radio antenna 2 -R93- /Digital radio antenna -R183-**5 - Right Rear Treble Speaker - R16- and Left Rear Treble Speaker -R14-****6 - Right Rear Bass Speaker -R17- and Left Rear Bass Speaker - R15-****7 - Amplifier -R12-**

- ❑ Installed under left front seat
→ Fig.

8 - Right Front Bass Speaker - R23- and Left Front Bass Speaker -R21-**9 - Right Front Treble Speaker -R22- and Left Front Treble Speaker -R20-****10 - Left Multi-function Buttons (on steering wheel) -E440- and Right Multi-function Buttons (on steering wheel) -E441-****11 - Radio/Navigation Display Unit Control Module -J503-****12 - CD changer -R41-**

- ❑ 6-disc CD changer
- ❑ Installed in center console
- ❑ optional “CD changer” or “multi media system control module”. It is not possible to have both systems together because both systems have the same installation location.



Telephone microphone -R38- located in overhead console.

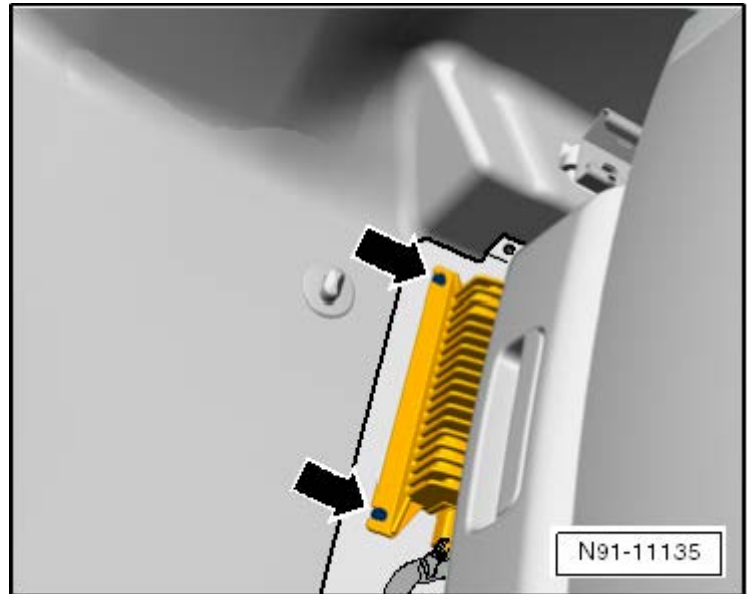
Golf

Component Locations

No. 859 / 14

Amplifier

- Installed under left front seat



Golf

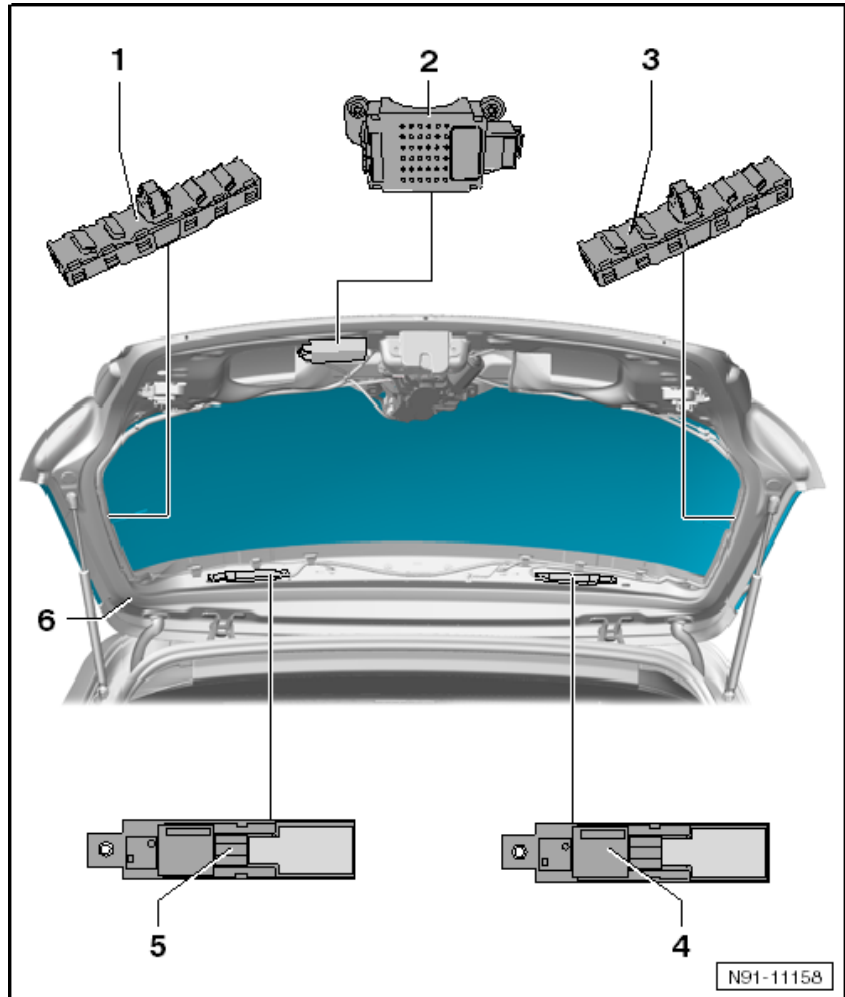
Component Locations

No. 859 / 15

Antenna System Overviews

Back Window Antenna Overview

- 1 - FM Frequency Filter (in negative wire) -R178-
- 2 - AM Frequency Filter -R177-
- 3 - FM Frequency Filter (in positive wire) -R179-
- 4 - Right Antenna Module -R109-
 - For am/fm reception
 - Diversity-Antenna FM 1
- 5 - Left Antenna Module -R108-
 - For fm reception
 - Diversity-Antenna FM 2
- 6 - Rear Window Antenna 1 - R130- /Antenna -R11- /Radio antenna 2 -R93- /Digital radio antenna -R183-



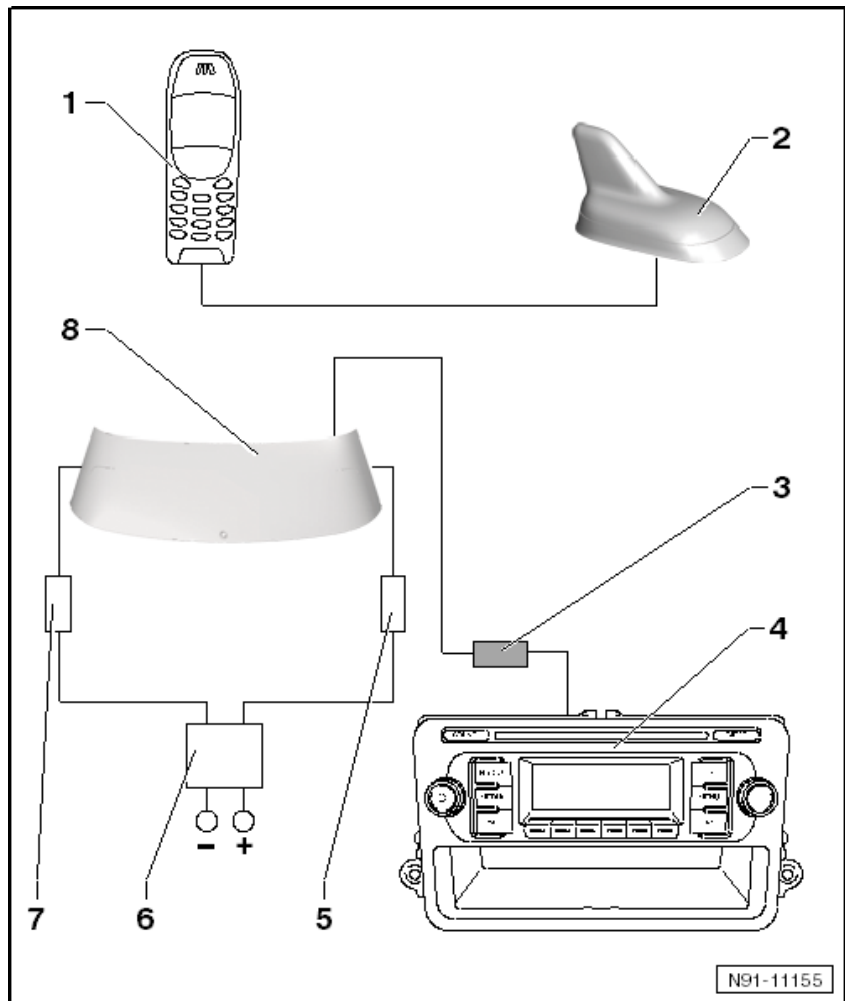
Golf

Component Locations

No. 859 / 16

Antenna System without Diversity Overview

- 1 - Cellular Telephone -R54-**
 - Optional
- 2 - Telephone/Navigation System (GPS)/Auxiliary Heater Antenna -R66- /GPS antenna - R50- /Auxiliary heater antenna -R182- /Telephone antenna - R65-**
- 3 - Right Antenna Module -R109-**
 - For am/fm reception
 - Impedance buffer
- 4 - Radio -R- or Radio/Navigation Display Unit Control Module - J503-**
 - RCD 210
- 5 - FM Frequency Filter (in negative wire) -R178-**
- 6 - AM Frequency Filter -R177-**
- 7 - FM Frequency Filter (in positive wire) -R179-**
- 8 - Rear Window Antenna 1 - R130- /Antenna -R11- /Radio antenna 2 -R93- /Digital radio antenna -R183-**



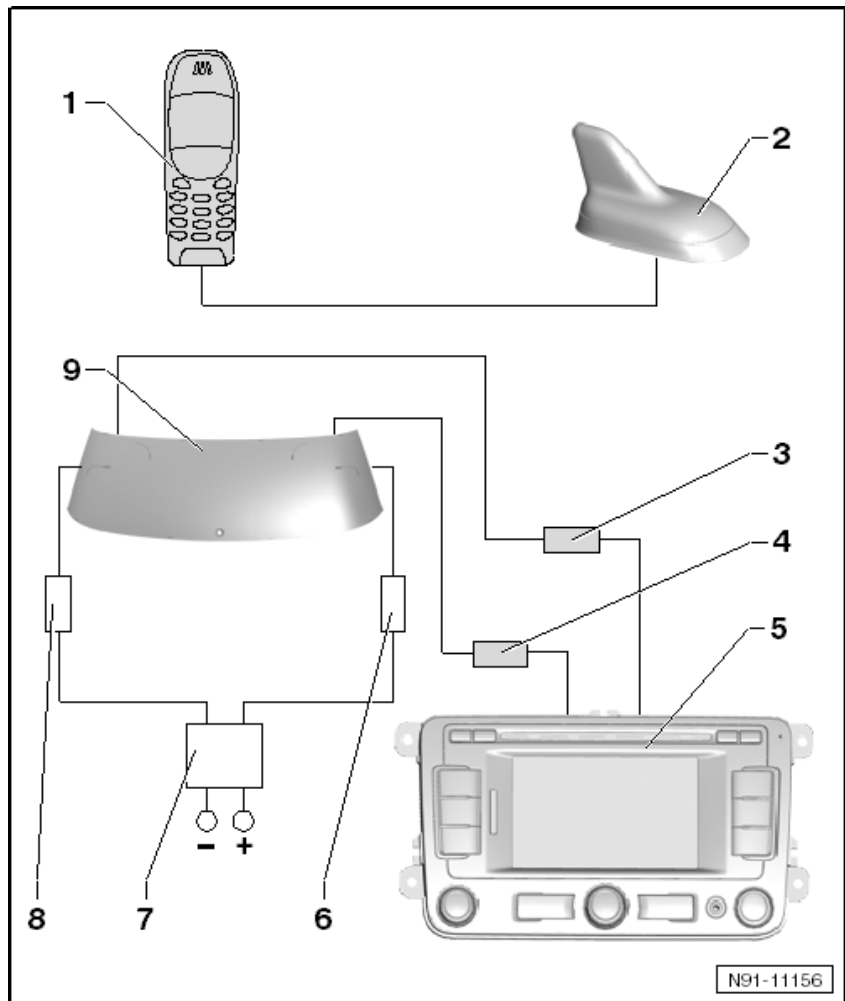
Golf

Component Locations

No. 859 / 17

Diversity and Navigation Antenna Overview

- 1 - Cellular Telephone -R54-**
 - Optional
- 2 - Telephone/Navigation System (GPS)/Auxiliary Heater Antenna -R66- /GPS antenna - R50- /Auxiliary heater antenna -R182- /Telephone antenna - R65-**
- 3 - Left Antenna Module -R108-**
 - For fm reception
 - Diversity-Antenna FM 2
- 4 - Right Antenna Module -R109-**
 - For am/fm reception
 - Diversity-Antenna FM 1
- 5 - Radio -R- or Radio/Navigation Display Unit Control Module - J503-**
 - RNS 310
- 6 - FM Frequency Filter (in negative wire) -R178-**
- 7 - AM Frequency Filter -R177-**
- 8 - FM Frequency Filter (in positive wire) -R179-**
- 9 - Rear Window Antenna 1 - R130- /Antenna -R11- /Radio antenna 2 -R93- /Digital radio antenna -R183-**



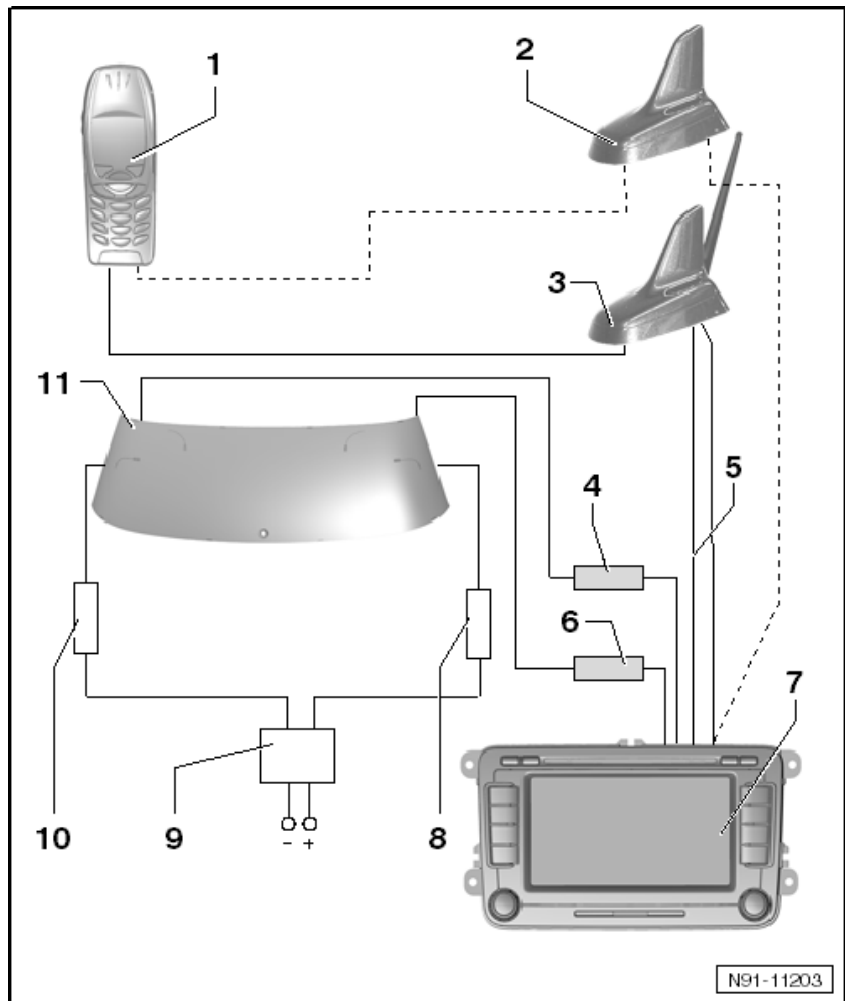
Golf

Component Locations

No. 859 / 18

Diversity (DAB) Wireless Reception and Navigation Antenna Overview

- 1 - Cellular Telephone -R54-**
 - Optional
- 2 - Telephone/Navigation System (GPS)/Auxiliary Heater Antenna -R66- /GPS antenna - R50- /Auxiliary heater antenna -R182- /Telephone antenna - R65-**
- 3 - Telephone/Navigation System (GPS)/Auxiliary Heater Antenna -R66-**
- 4 - Left Antenna Module -R108-**
 - For FM reception
 - Diversity-Antenna FM 2
- 5 - Antenna line for optional DAB, Digital Wireless Reception**
- 6 - Right Antenna Module -R109-**
 - For am/fm reception
 - Diversity-Antenna FM 1
- 7 - Radio -R- or Radio/Navigation Display Unit Control Module - J503-**
 - RCD 310
 - RCD 510
 - RNS 510
- 8 - FM Frequency Filter (in negative wire) -R178-**
- 9 - AM Frequency Filter -R177-**
- 10 - FM Frequency Filter (in positive wire) -R179-**
- 11 - Rear Window Antenna 1 - R130- /Antenna -R11- /Radio antenna 2 -R93- /Digital radio antenna -R183-**



Golf

Component Locations

No. 805 / 1

Edition 01.2012

Relay

Overview of Relay Carrier

1 - Relay Carrier on the electronics box

- ❑ In engine compartment, left
- ❑ Relay positions, E-box Low → Chapter
- ❑ Relay positions, E-box High → Chapter
- ❑ Position for the electronics box low relays, Golf Blue-E-Motion → Chapter

2 - Auxiliary relay carrier under the electronics box

- ❑ In engine compartment, left
- ❑ Position of relays → Chapter
- ❑ Position for the relays, Golf Blue-E-Motion → Chapter

3 - High voltage charge network distributor -SX4-, Golf blue-e-motion

- ❑ Component location → Chapter
- ❑ Position of relays → Chapter

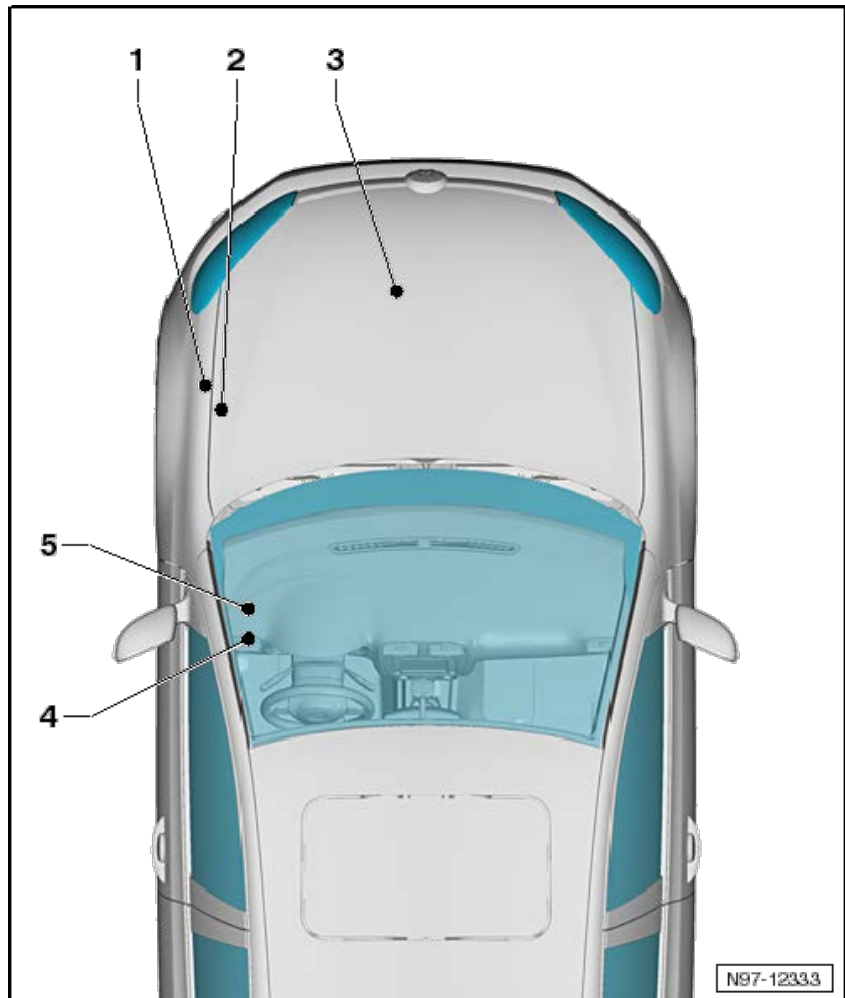
4 - Relay carrier (basic) on upper vehicle electrical system control module

- ❑ Position of relays → Chapter
- ❑ Relay assignment from November 2009 → Chapter
- ❑ Installation Location driving school operation relay -J746- → Chapter

- ❑ Relay arrangement from November 2011 → Chapter
- ❑ Position for the relays, Golf Blue-E-Motion → Chapter

5 - Relay Carrier (optional) on lower Vehicle Electrical System Control Module

- ❑ Position of relays → Chapter
- ❑ Relay assignment from November 2009 → Chapter
- ❑ Relay arrangement from November 2011 → Chapter
- ❑ Position for the relays, Golf Blue-E-Motion → Chapter



Component Locations

Golf

No. 805 / 2

Relay Arrangements on Electronics Box Low

1 - Terminal 30 power supply relay -J317- (458)

□ Connection A1

1 - Motronic engine control module power supply relay - J271-

□ Connection A1

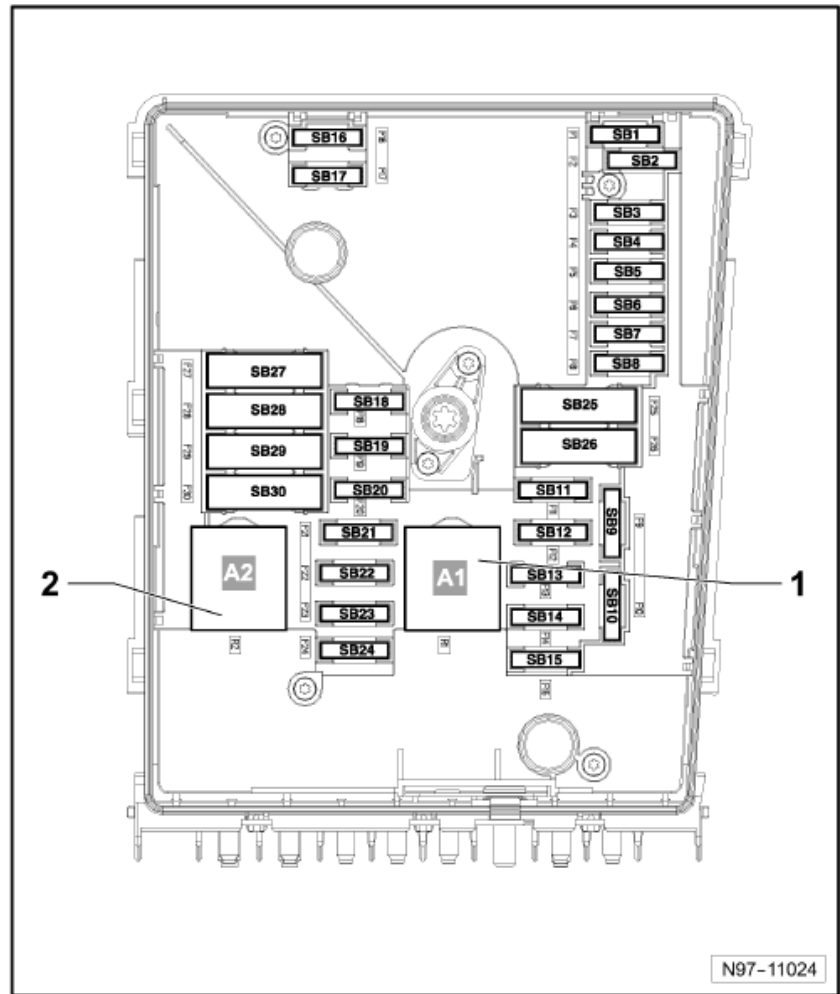
2 - Secondary air pump relay - J299- (100, 66)

□ Connection A2

2 - Connection bridge

□ Connection A2

□ Only diesel engines



Golf

Component Locations

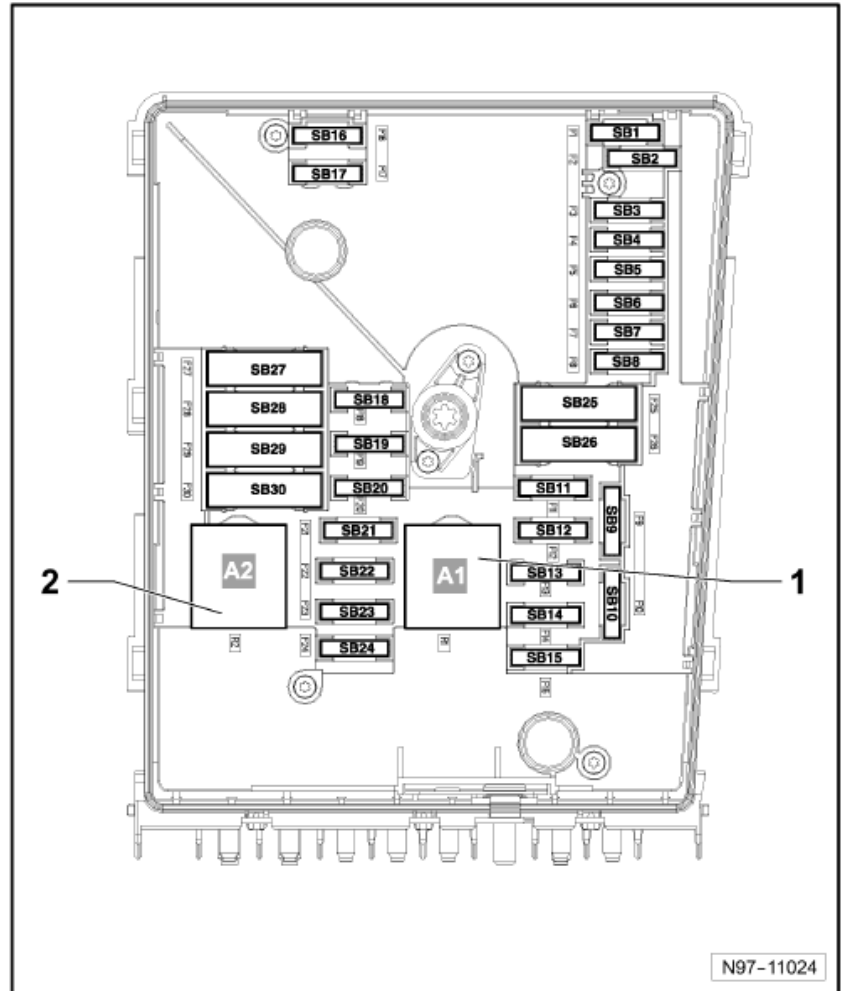
No. 805 / 3

Position on the electronics box low relays, Golf Blue-E-Motion

Engine code (German abbreviation EAAA)

**1 - Terminal 30 power supply
relay -J317- (485)**

- Connection A1
- 2 - Connection bridge**
- Connection A2



Golf

Component Locations

No. 805 / 4

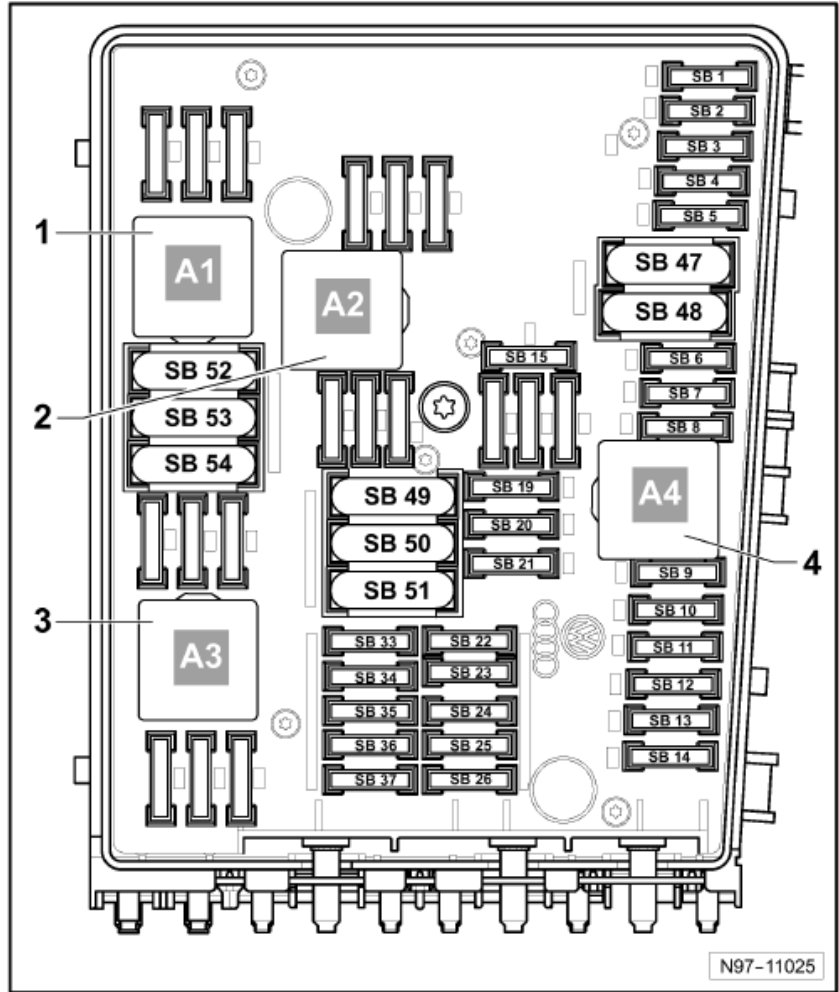
Relay Arrangements on Electronics Box High



Note

E-box high - only models with engine codes CDLC, CDLF

- 1 - Motronic engine control module power supply relay - J271-**
 - Connection A1
- 2 - Auxiliary coolant pump relay - J496-**
 - Connection A2
- 3 - Not used**
 - Connection A3
- 4 - Engine component current supply relay -J757- (167)**
 - Connection A4



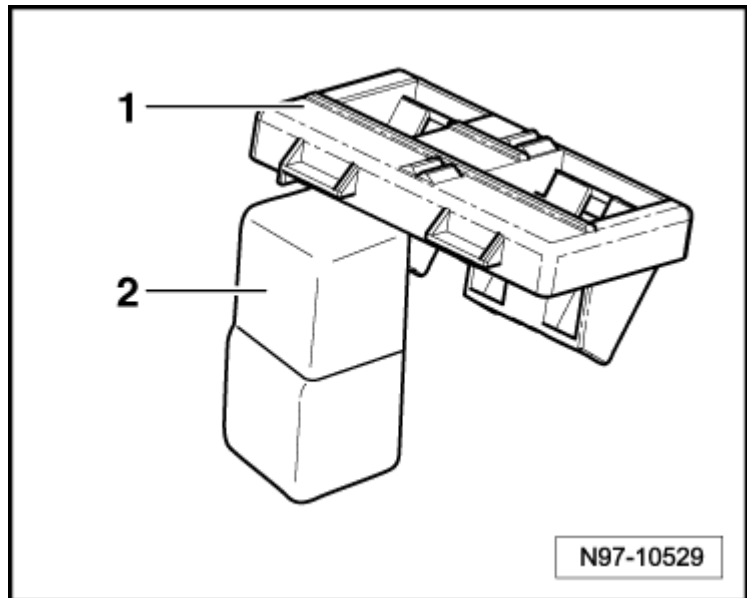
Golf

Component Locations

No. 805 / 5

Position of Relays Auxiliary Relay Carrier under Electronics Box Low

- 1 - Auxiliary Relay Carrier under Electronics Box, in engine compartment, left
- 2 - Automatic glow time control module - J179- (457)



Golf

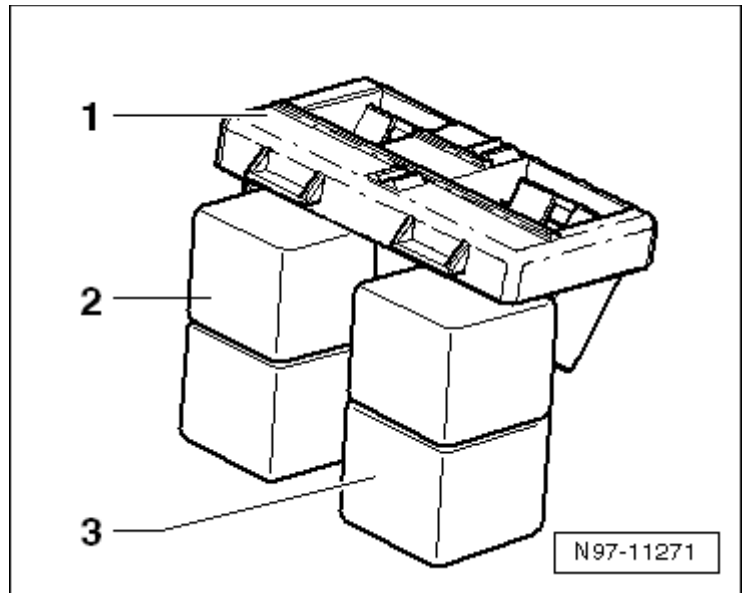
Component Locations

No. 805 / 6

Position of Relays Auxiliary Relay Carrier under Electronics Box Low for Golf Blue-E-Motion

Engine code (German abbreviation EAAA)

- 1 - Auxiliary Relay Carrier under Electronics Box, in engine compartment, left
- 2 - Vacuum pump relay -J318-
- 3 - Windshield Heater Relay -J47-



Golf

Component Locations

No. 805 / 7

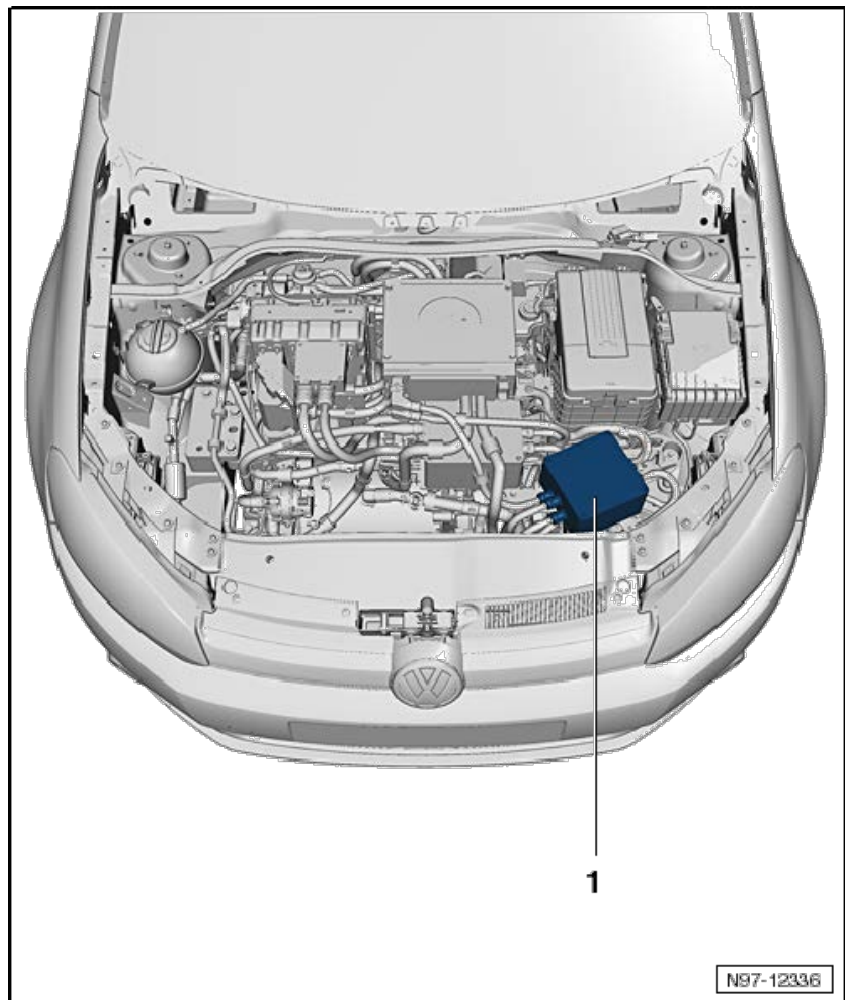
High voltage charge network distributor -SX4-

Engine code (German abbreviation EAAA)

**DANGER!****High voltage may be deadly!****Note**

Read the information before beginning work on the high voltage system (HV) → Rep. Gr. 93

1 - High voltage charge network distributor -SX4-



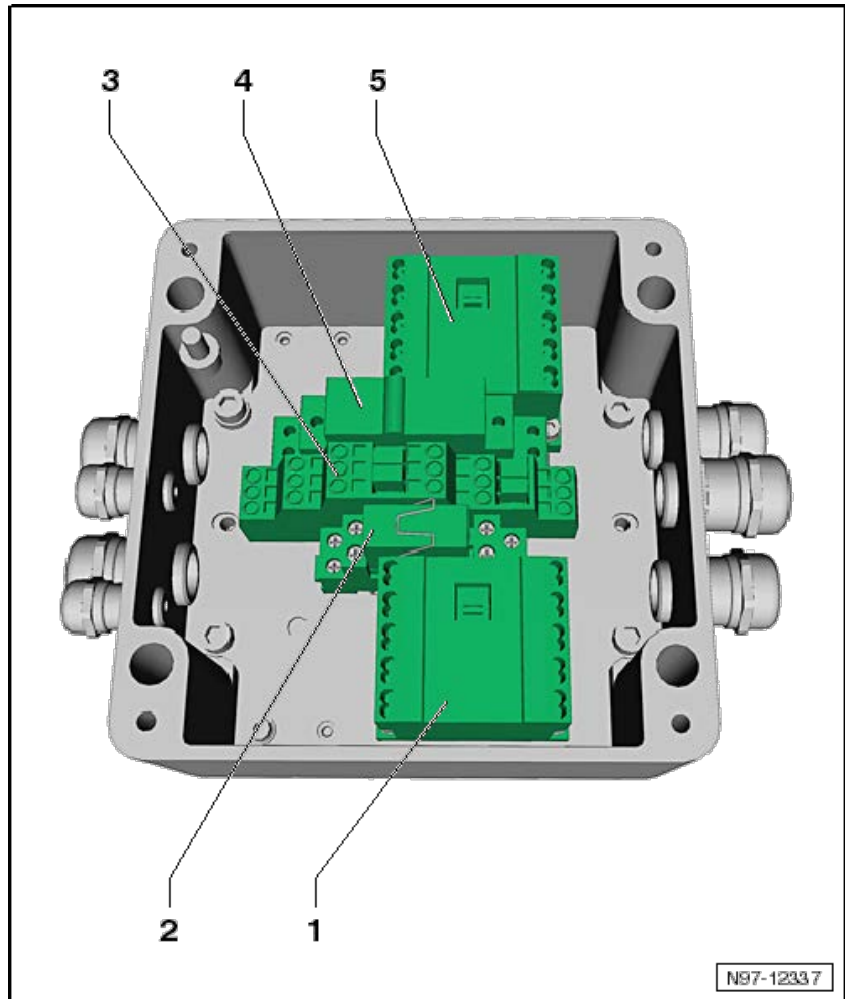
Golf

Component Locations

No. 805 / 8

Relay position for the high voltage charge network distributor -SX4-

- 1 - High voltage charging socket
2 relay -J972- K2
- 2 - High voltage charging socket
activation relay -J973-
- 3 - Wire junction -TV1- , neutral
conductor wire junction -TV50-
, ground wire junction -TV51-
- 4 - Lock Relay -J771-
- 5 - High voltage charging socket
1 relay -J971- K1



Golf

Component Locations

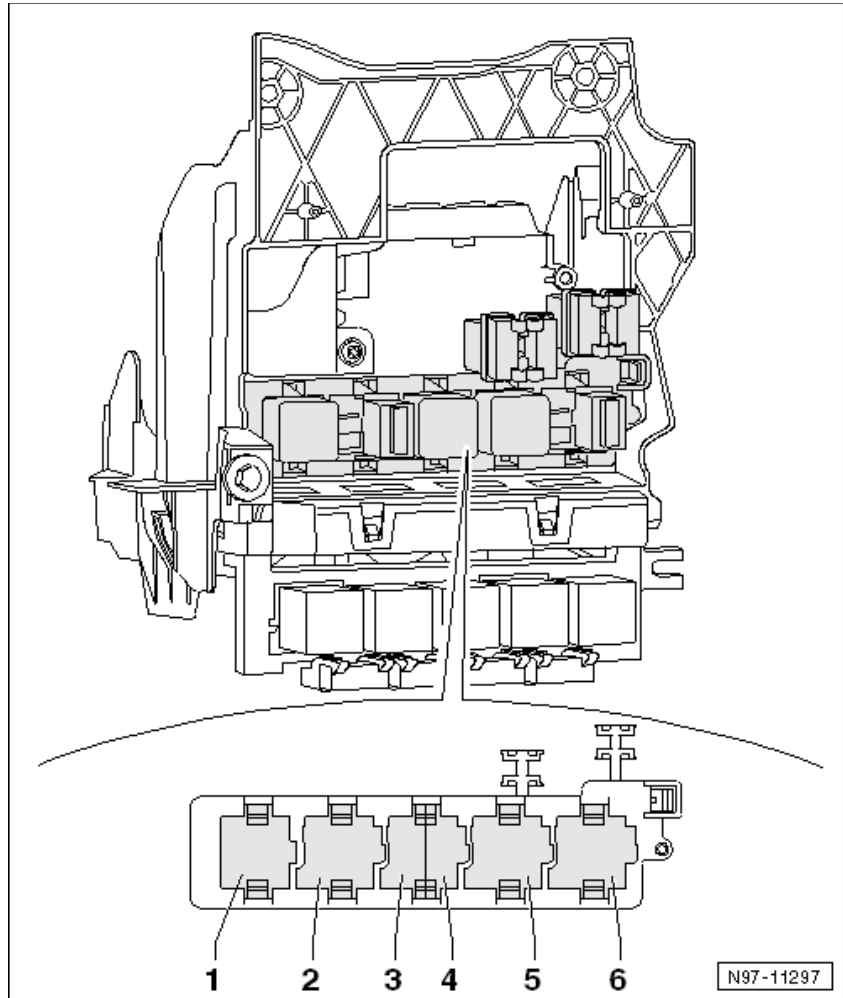
No. 805 / 9

Position of Relays on Upper Vehicle Electrical System Control Module, through October 2009

- 1 - Terminal 15 power supply relay -J329- (643)**
 - Fuse location 1
- 2 - Load reduction relay -J59- (53)**
 - Fuse location 2
- 3 - Dual tone horn relay -J4- (449)**
 - Connection 3/1
- 4 - Headlamp washer system relay -J39- (449)**
 - Connection 3/2
- 5 - Rear window defogger relay - J9- (53)**
 - Fuse location 4
- 6 - Terminal 50 power supply relay -J682- (643)**
 - Fuse location 5

**Note**

-J4- and -J39- are minirelays located on a relay connector panel



Golf

Component Locations

No. 805 / 10

Relay carrier position on upper vehicle electrical system control module , from November 2009

1 - Terminal 15 power supply relay -J329- (645)

- Fuse location 1

2 - Load reduction relay -J59- (644)

- Fuse location 2
- Fuse location 5 for right hand drive and left hand drive vehicles from November 2011
- Fuse location 2 from November 2011 exchanged with fuse location 5

3 - Dual tone horn relay -J4- (646)

- Connection 3/1

3 - Headlamp washer system relay -J39- (646)

- Connection 3/2

4 - Rear window defogger relay - J9- (645)

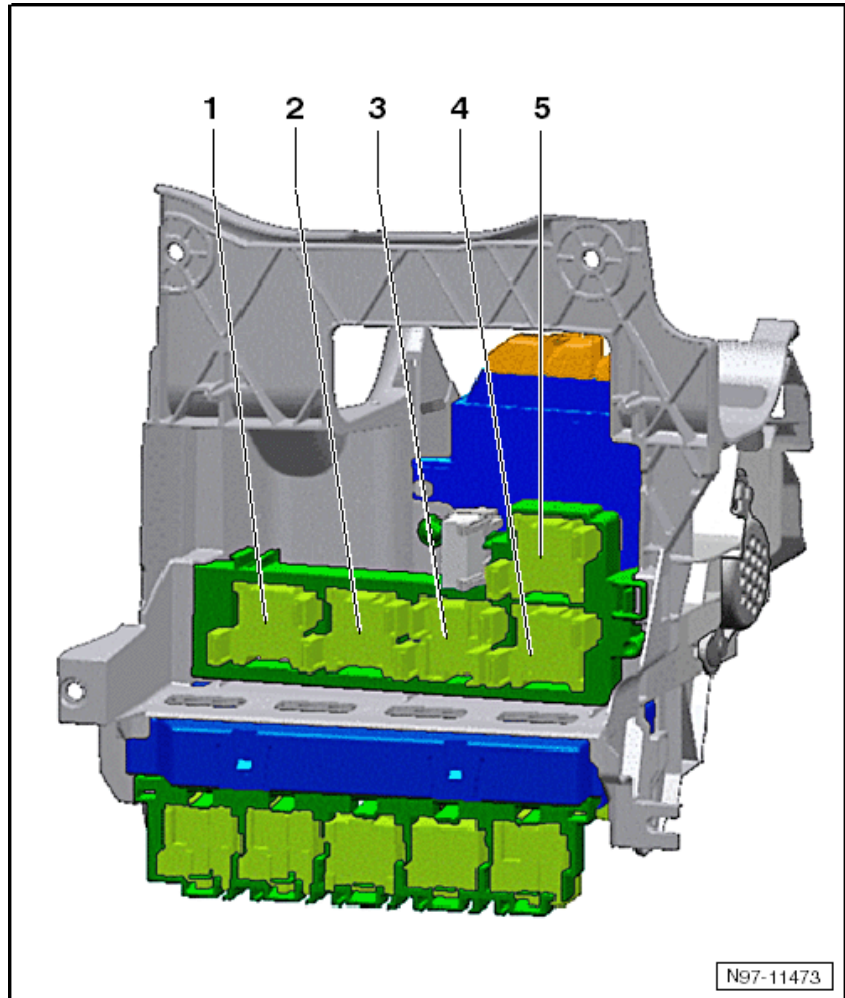
- Fuse location 4

5 - Terminal 50 power supply relay -J682- (645)¹

- Fuse location 5
- Fuse location 2 for RHD vehicles
- ¹ Models without stop/start system

5 - Starter relay 1 -J906- (645)²

- Fuse location 5
- Fuse location 2 for RHD vehicles
- ² Models with stop/start system



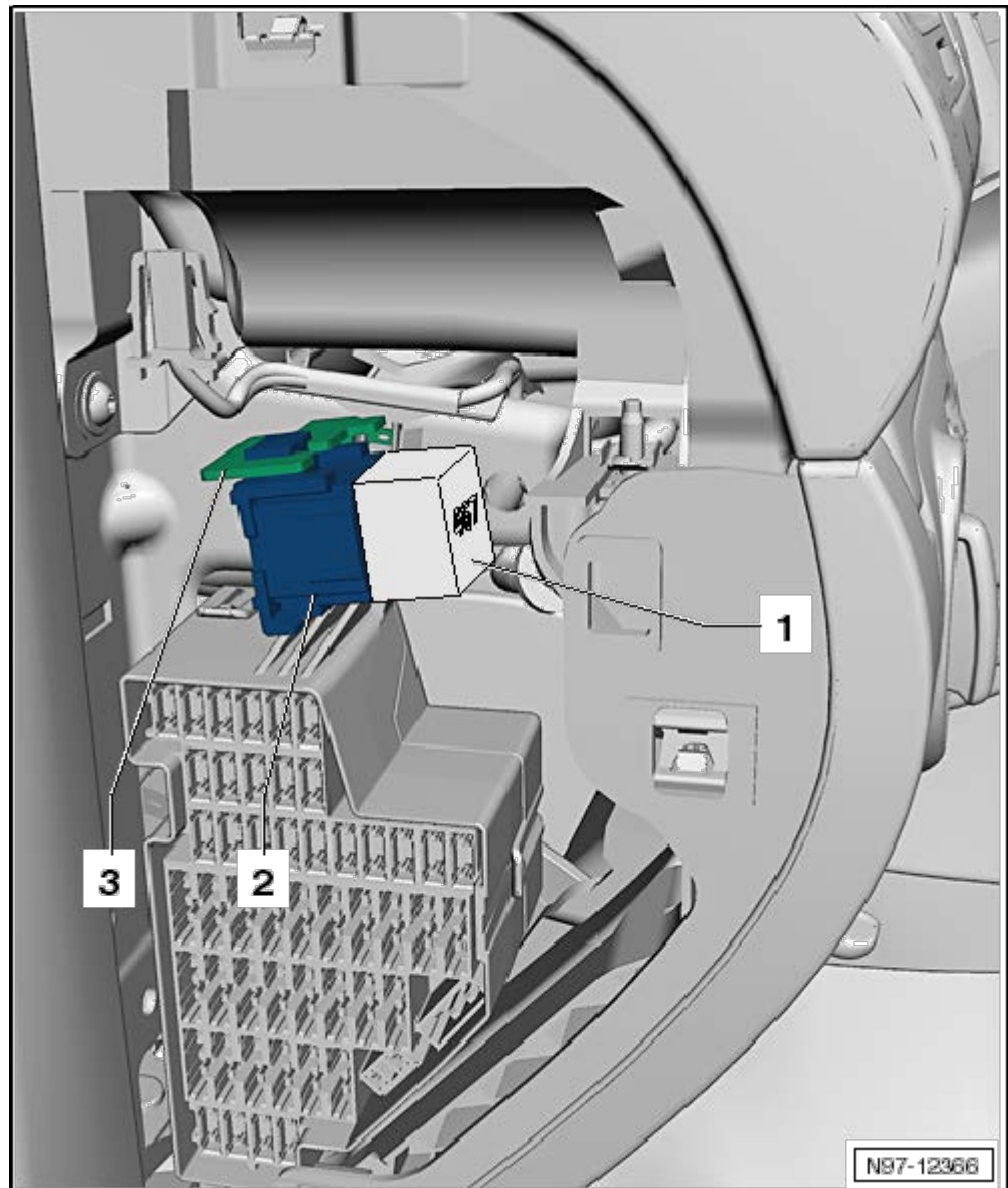
Golf

Component Locations

No. 805 / 11

**Driving school
operation relay -
J746-**

- 1 - Driving school
operation relay -
J746- (467)
- 2 - 8-Pin Connector -
T8-
- 3 - Auxiliary relay
carrier via fuse
panel C -SC-



Golf

Component Locations

No. 805 / 12

Position of Relays on Upper Vehicle Electrical System Control Module, from November 2011

1 - Terminal 15 power supply relay -J329- (645)

- Fuse location 1

2 - Load reduction relay -J59- (644)

- Fuse location 2
- Right hand drive vehicles terminal 50 power supply relay -J682-¹ (645), Starter relay 1 - J906-² (645)

- Fuse location 5

- 1 Models without stop/start system

- 2 Models with stop/start system

3 - Dual tone horn relay -J4- (646)

- Connection 3/A

3 - Headlamp washer system relay -J39- (646)

- Connection 3/B

4 - Rear window defogger relay - J9- (645)

- Fuse location 4

5 - Terminal 50 power supply relay -J682-¹ (645), starter relay 1 -J906-² (645)

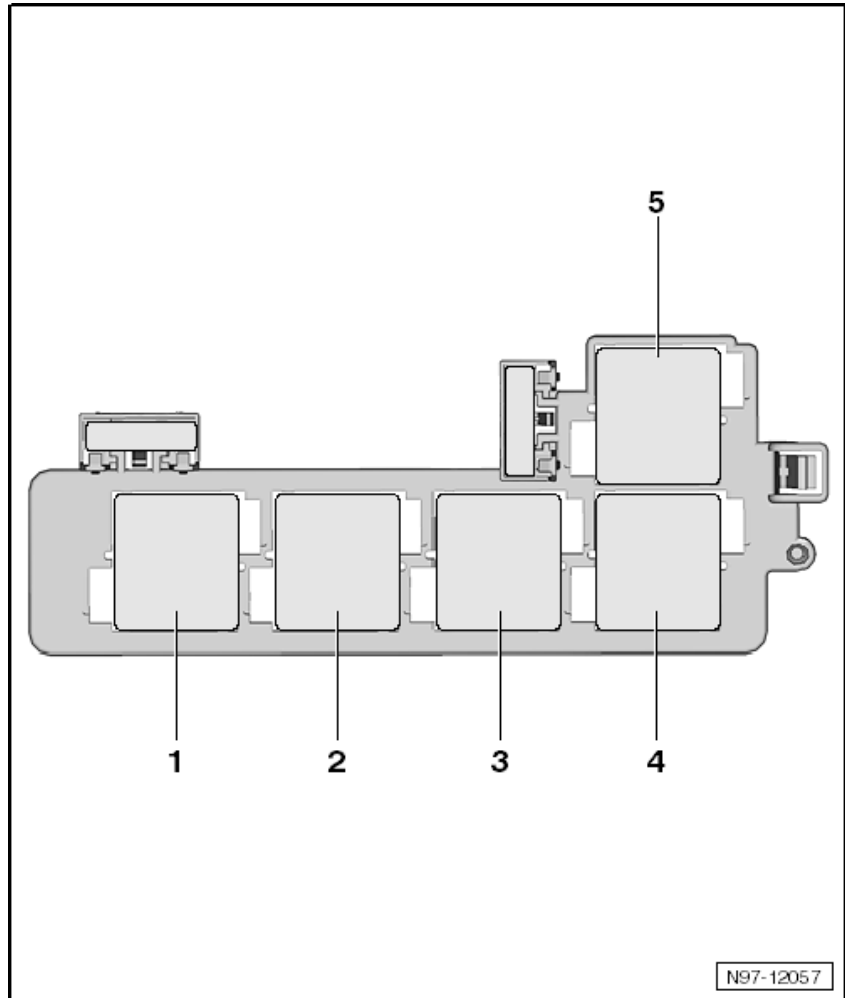
- Fuse location 5

- 1 Models without stop/start system

- 2 Models with stop/start system

- RHD vehicles load reduction relay -J59- (644)

- Fuse location 2



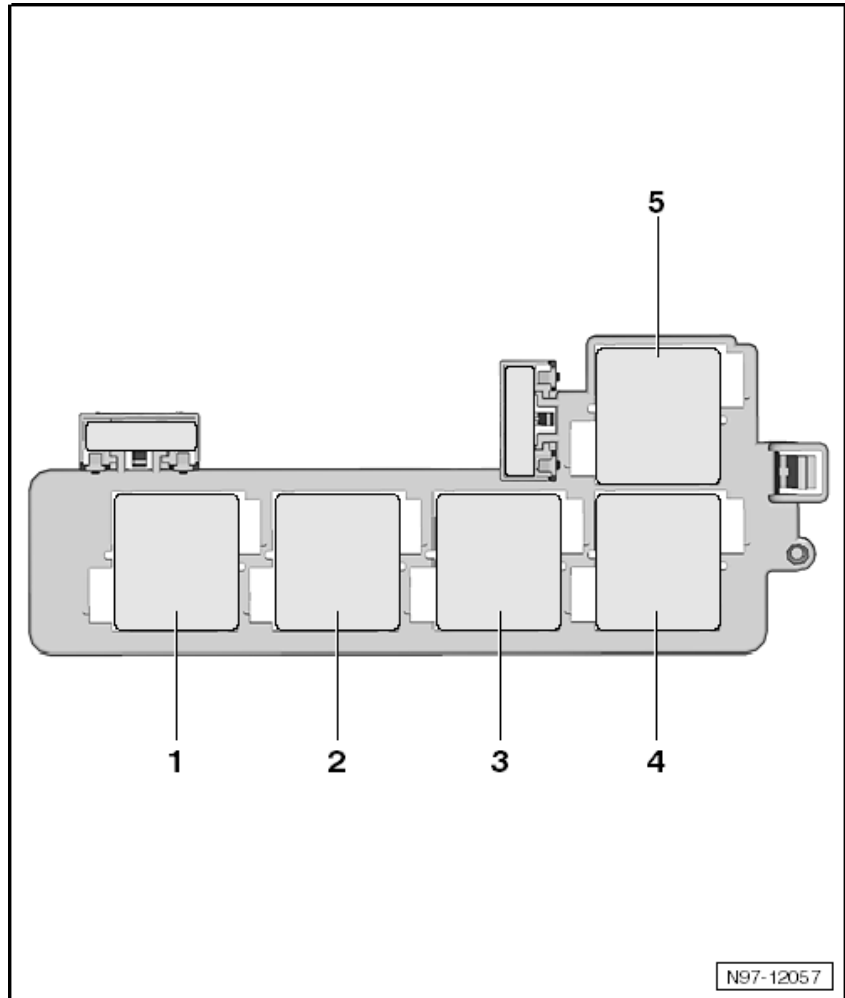
Golf

Component Locations

No. 805 / 13

Position for the relays, Upper Golf Blue-E-Motion

- 1 - Terminal 15 power supply relay -J329- (645)**
 - Fuse location 1
- 2 - Load reduction relay -J59- (644)**
 - Fuse location 2
- 3 - Dual tone horn relay -J4- (646)**
 - Connection 3/A
- 3 - Headlamp washer system relay -J39- (646)**
 - Connection 3/B
- 4 - Rear window defogger relay - J9- (645)**
 - Fuse location 4
- 5 - Not used**
 - Fuse location 5



Golf

Component Locations

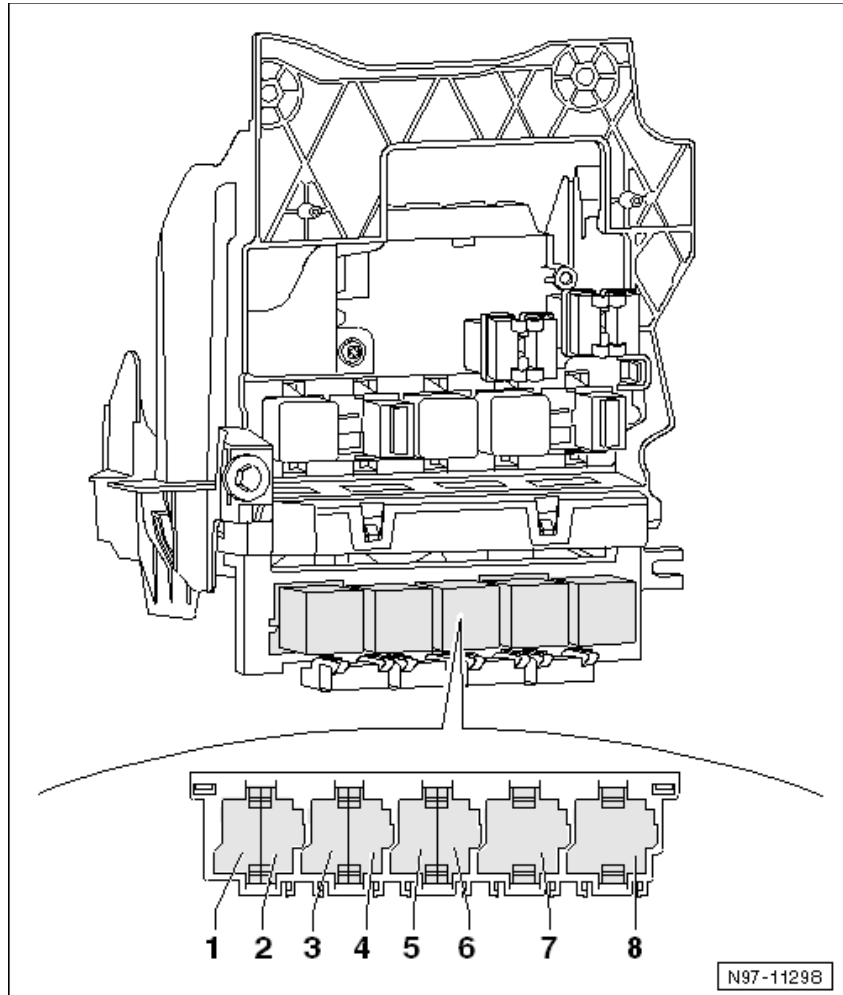
No. 805 / 14

Position of Relays on Lower Vehicle Electrical System Control Module, through October 2009

- 1 - Fuel pump relay 2 -J49-**
 - Connection 1/1
- 2 - Coolant circulation pump relay -J151-**
 - Connection 1/2
- 3 - Fuel primer relay -J643-**
 - Connection 2/1
- 4 - Fuel pump relay -J17-**
 - Connection 2/2
- 5 - Low heat output relay -J359-**
 - Fuse location 3
- 6 - Auxiliary heater operation relay -J485-**
 - Fuse location 3
- 7 - High heat output relay -J360-**
 - Fuse location 4
- 8 - Fresh air blower relay -J13-**
 - Fuse location 5

**Note**

- ◆ -J17- and -J151- are minirelays located on a relay connector panel
- ◆ -J359- and -J485- are minirelays located on a relay connector panel



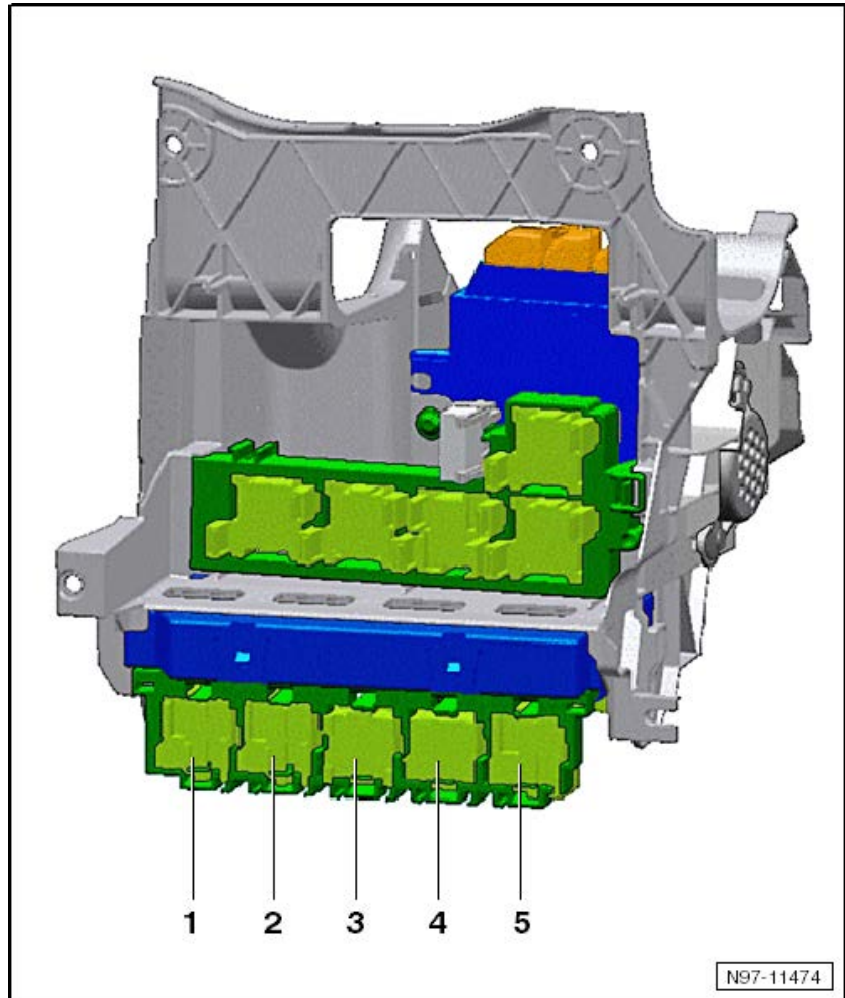
Golf

Component Locations

No. 805 / 15

Position of Relays on Lower Vehicle Electrical System Control Module, from November 2009

- 1 - Fuel pump relay 2 -J49- (646)**
 - Connection 1/1
- 1 - Coolant circulation pump relay -J151- (646)**
 - Connection 1/2
- 1 - Starter relay 2 -J907- (645)²**
 - Fuse location 1
 - ² Models with stop/start system
- 2 - Fuel primer relay -J643- (646)**
 - Connection 2/1
- 2 - Fuel pump relay -J17- (646)**
 - Connection 2/2
- 3 - Low heat output relay -J359- (645)**
 - Fuse location 3
- 3 - Auxiliary heater operation relay -J485- (645)**
 - Fuse location 3
- 4 - Fresh air blower relay -J13- (646)**
 - Fuse location 4
- 5 - High heat output relay -J360- (645)**
 - Fuse location 5



Golf

Component Locations

No. 805 / 16

Position of Relays on (Optional) Lower Vehicle Electrical System Control Module, from November 2011

1 - Coolant circulation pump relay -J151- (507)

- Fuse location 1
- Only models with 2.0L gasoline engine

1 - Terminal 50 power supply relay -J682- (507)

- Fuse location 1

1 - Starter relay 2 -J907- (507) ²

- Fuse location 1
- ² Only models with stop/start system

1 - Fuel pump relay 2 -J49- (646)

- Connection 1/1

2 - Fuel primer relay -J643- (646)

- Connection 2/1

2 - Fuel pump relay -J17- (646)

- Connection 2/2
- Only vehicles with a diesel engine

3 - Low heat output relay -J359- (645)

- Fuse location 3
- Only for vehicles without parking heater

3 - Auxiliary heater operation relay -J485- (645)

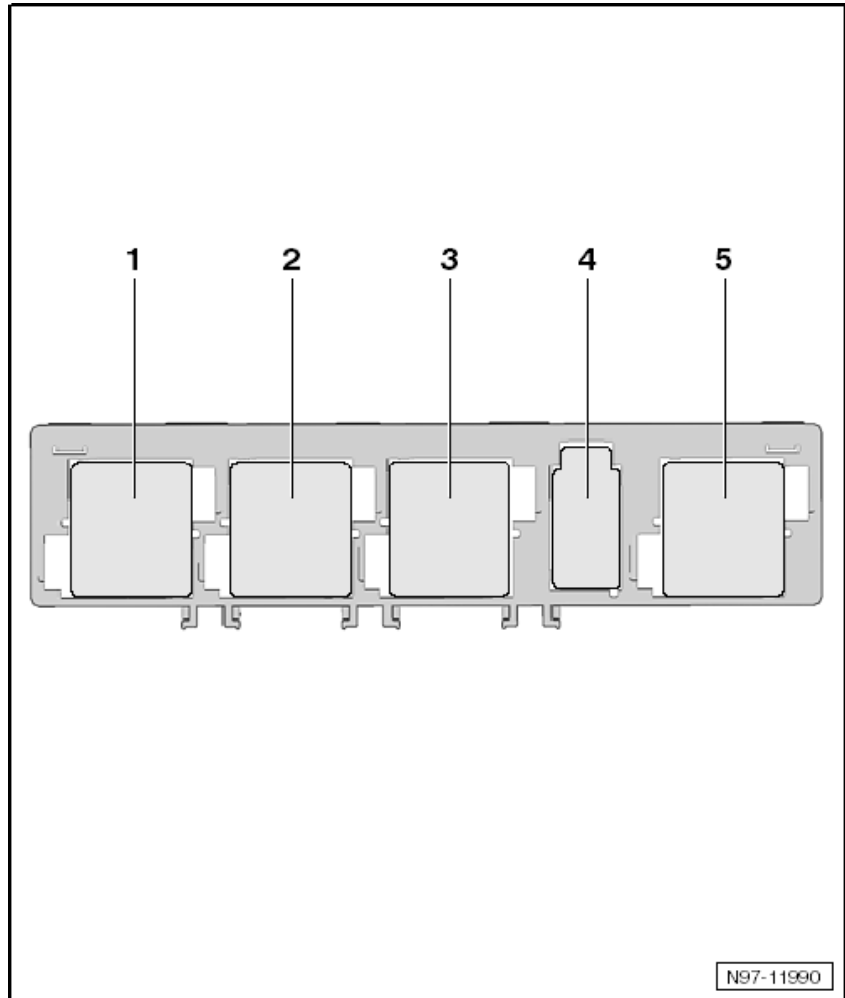
- Fuse location 3

4 - High heat output relay -J360- (646)

- Fuse location 4
- Only for vehicles without parking heater

5 - Fresh air blower relay -J13- (644)

- Fuse location 5
- Only models with Climatic or heater



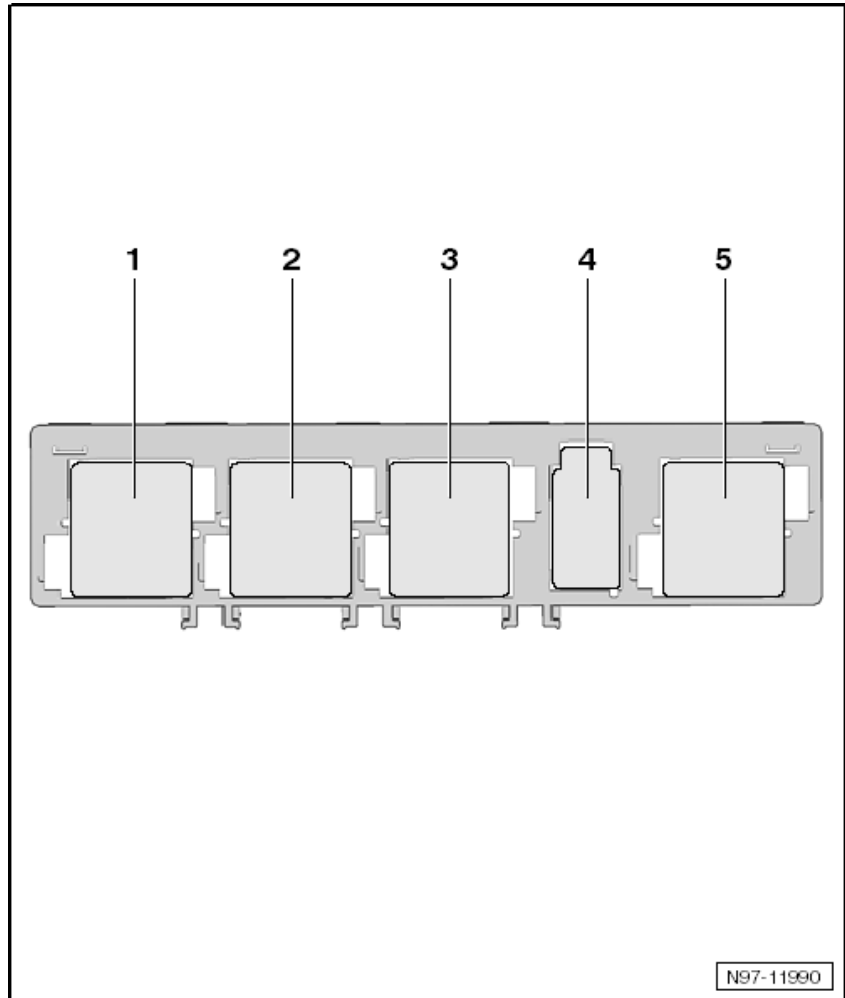
Golf

Component Locations

No. 805 / 17

Position of Relays on (Optional) Lower Vehicle Electrical System Control Module, for Golf Blue-E-Motion

- 1 - Relay for terminal 30 -J977- (646), only vehicles with emergency off button - E190-**
 - Connection A1
- 1 - Relay for terminal 15 -J940- (646), only vehicles with emergency off button -E190-**
 - Connection 1B
- 2 - Emergency off relay -J970- (646), only vehicles with emergency off button - E190-**
 - Connection A2
- 2 - Load enabling relay -J978- (646)**
 - Connection 2B
- 3 - High voltage charge door lock relay 1 -J974- (646)**
 - Connection 3A
- High voltage charge door lock relay 2 -J975- (646)**
 - Connection 3B
- 4 - Not used**
- 5A - Engine coolant pump relay - J235- (646)**
 - Connection 5A
- 5B - Solar cell separation relay - J309- (646)**
 - Connection 5B



Golf

Component Locations

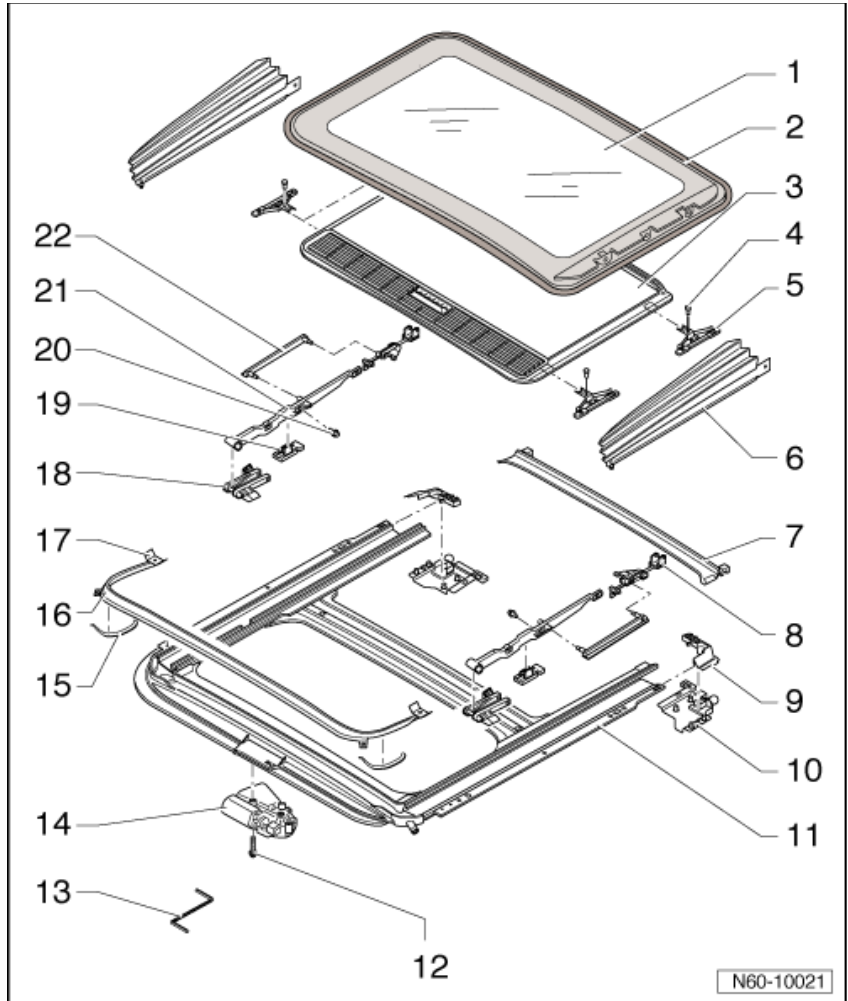
No. 865 / 1

Edition 06.2009

Sunroof System

Sunroof System

- 1 - Sunroof Glass Panel (One-Piece Safety Glass)
- 3 - Sun Shade
- 14 - Power Sunroof Control Module -J245- and Sunroof Motor -V1- → Fig.



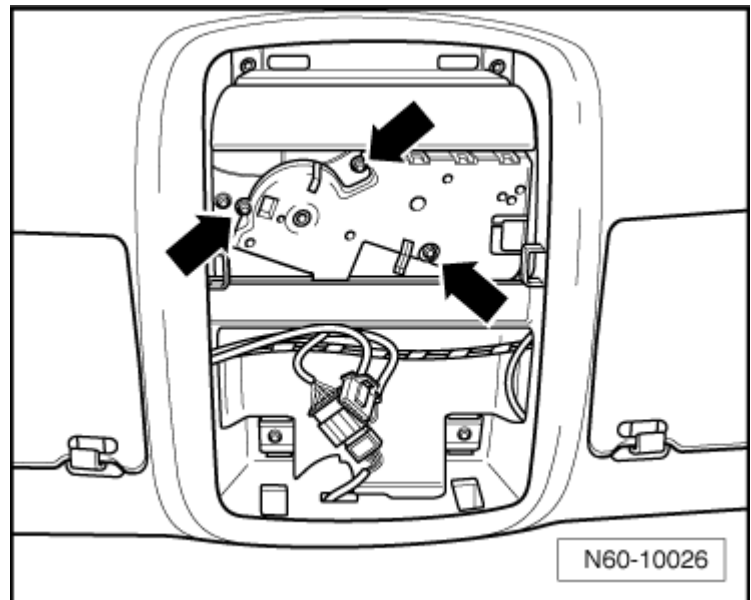
Golf

Component Locations

No. 865 / 2

Sunroof Module

- - Power Sunroof Control Module -J245-
- Located behind overhead console -ARROWS-



Golf

Component Locations

No. 860 / 1

Edition 06.2009

Suspension System

Electronic Damping Component Views

1 - Dampening Adjustment Button -E387-

- Location: before the shift lever in the center console

2 - Right Rear Dampening Adjustment Valve -N339-

- Location view → Fig.

3 - Electronic Damping Control Module -J250-

- Location: behind the right side trunk trim → Fig.

4 - Rear Body Acceleration Sensor -G343-

- Location: at the left rear strut → Fig.

5 - Left Rear Dampening Adjustment Valve -N338-

- Location view → Fig.

6 - Left Rear Level Control System Sensor -G76-

- Location view → Fig.

7 - Left Front Body Acceleration Sensor -G341-

- Location view → Fig.

8 - Left Front Dampening Adjustment Valve -N336-

- Location view → Fig.

9 - Left Front Level Control System Sensor -G78- and Right Front Level Control Sensor -G289-

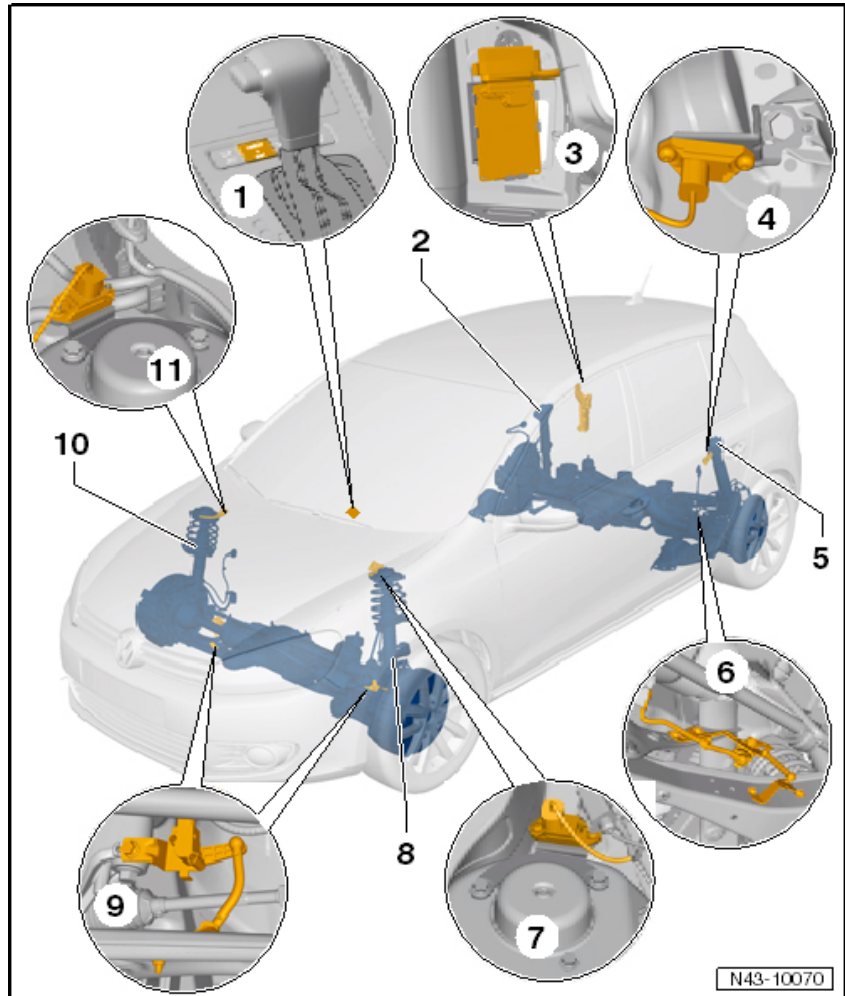
- Location view → Fig.

10 - Right Front Dampening Adjustment Valve -N337-

- Location view → Fig.

11 - Right Front Body Acceleration Sensor -G342-

- Location view → Fig.



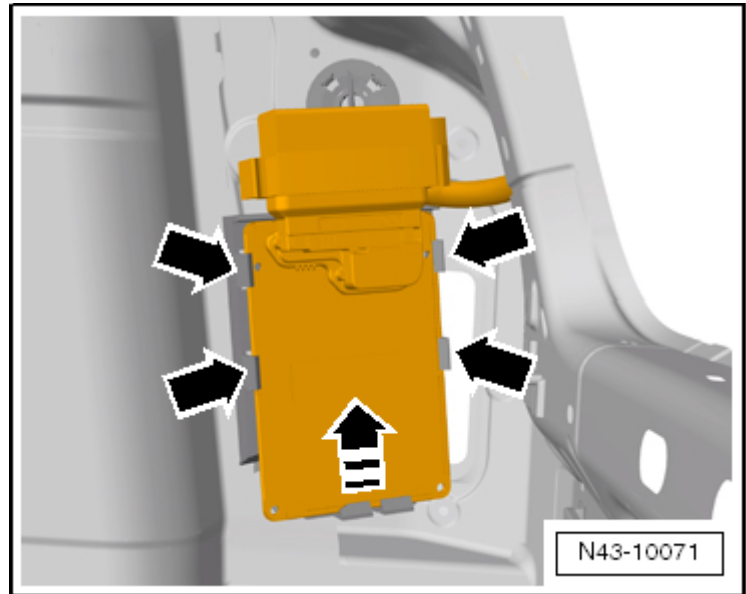
Golf

Component Locations

No. 860 / 2

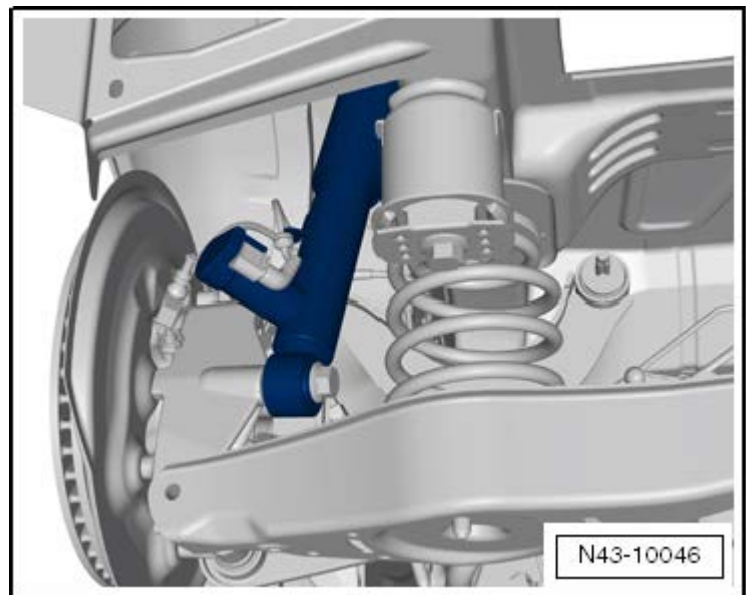
Electronic Damping Control Module

- Electronic Damping Control Module -J250-
behind the right side trunk trim.



Rear Dampening Adjustment Valve

- Left Rear Dampening Adjustment Valve -N338-
or (similar) Right Rear Dampening Adjustment
Valve -N339-



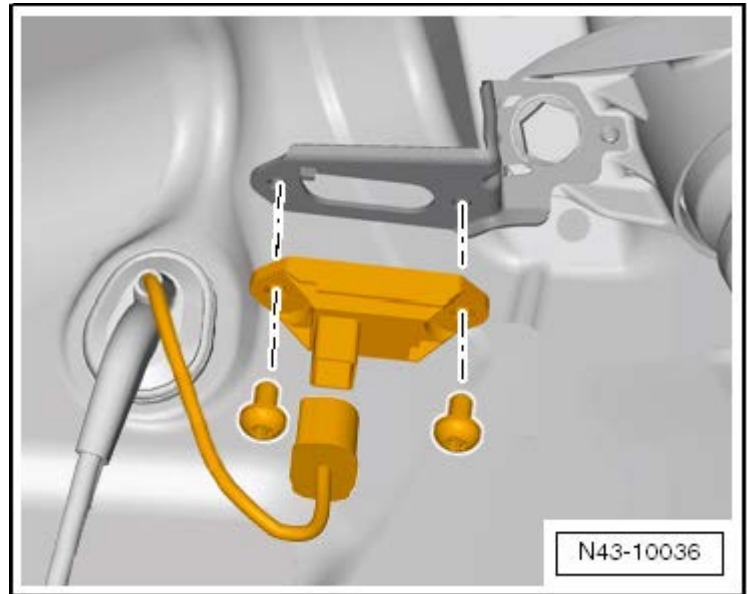
Golf

Component Locations

No. 860 / 3

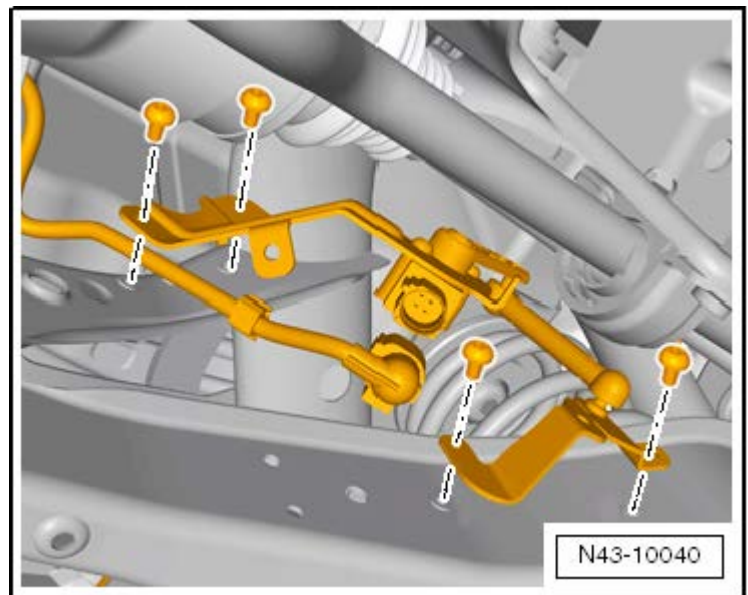
Rear Body Acceleration Sensor

- Rear Body Acceleration Sensor -G343- at the left rear strut.



Left Rear Level Control System Sensor

- Left Rear Level Control System Sensor -G76- all wheel drive view (front wheel drive is similar).



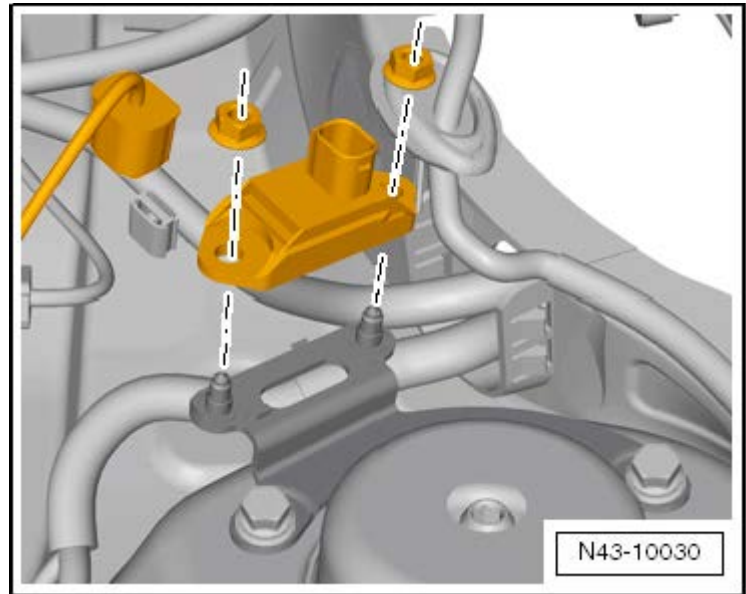
Golf

Component Locations

No. 860 / 4

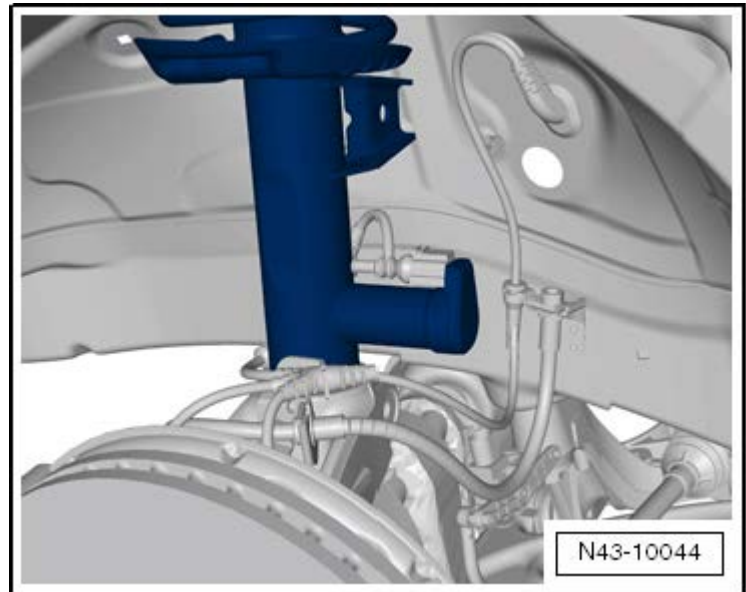
Front Body Acceleration Sensor

- Right Front Body Acceleration Sensor -G342- or Left Front Body Acceleration Sensor -G341- (mounted similar).



Front Dampening Adjustment Valve

- Left Front Dampening Adjustment Valve - N336- or Right Front Dampening Adjustment Valve -N337- (mounted similar).



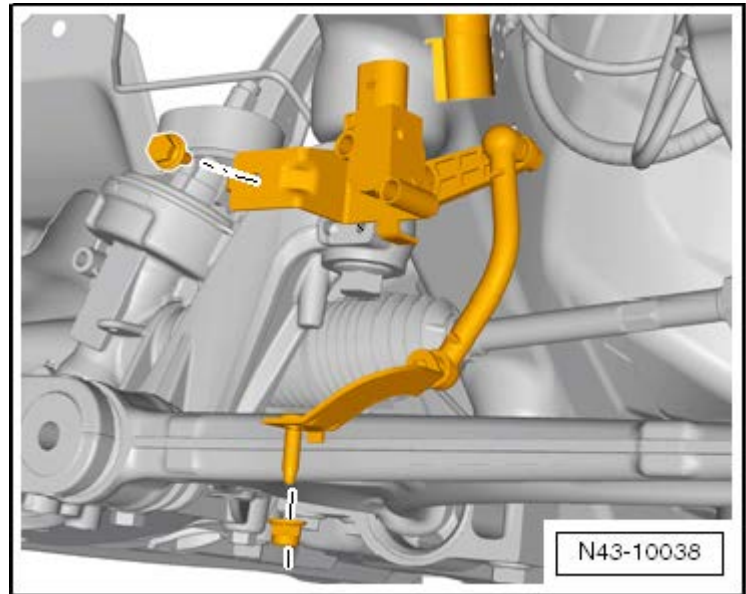
Golf

Component Locations

No. 860 / 5

Front Level Control System Sensor

- Left Front Level Control System Sensor -G78-
or Right Front Level Control Sensor -G289-
(mounted similar) .



Golf**Component Locations****No. 861 / 1**

Edition 06.2009

Transmission Systems

Select system or component ID below to navigate to a location view.

- ◆ Automatic Transmission 09G → [Chapter](#)
- ◆ Direct shift gearbox (DSG) → [Chapter](#)

Golf

Component Locations

No. 861 / 2

Automatic Transmission Pressure Regulating Valve 1 -N215- ◆ Direct Shift Gearbox (DSG) → Chapter	Driveshaft Speed Sensor 1 -G501- ◆ Direct Shift Gearbox (DSG) → Chapter	Solenoid Valve 2 -N89- ◆ Automatic Transmission 09G → Item ◆ Direct Shift Gearbox (DSG) → Chapter	Selector Lever Park Position Lock Switch -F319- ◆ Automatic Transmission 09G → Fig. ◆ Direct Shift Gearbox (DSG) → Item
Automatic Transmission Pressure Regulating Valve 2 -N216- ◆ Direct Shift Gearbox (DSG) → Chapter	Driveshaft Speed Sensor 2 -G502- ◆ Direct Shift Gearbox (DSG) → Chapter	Solenoid Valve 3 -N90- ◆ Automatic Transmission 09G → Item ◆ Direct Shift Gearbox (DSG) → Chapter	Transmission Fluid Temperature Sensor -G93- ◆ Automatic Transmission 09G → Item ◆ Direct Shift Gearbox (DSG) → Chapter
Automatic Transmission Pressure Regulating Valve 3 -N217- ◆ Direct Shift Gearbox (DSG) → Chapter	Back-Up Light Switch -F4- ◆ Direct Shift Gearbox (DSG) → Chapter	Solenoid Valve 4 -N91- ◆ Automatic Transmission 09G → Item ◆ Direct Shift Gearbox (DSG) → Chapter	Transmission Output Speed (RPM) Sensor -G195- ◆ Automatic Transmission 09G → Item ◆ Direct Shift Gearbox (DSG) → Chapter
Automatic Transmission Pressure Regulating Valve 4 -N218- ◆ Direct Shift Gearbox (DSG) → Chapter	Gear Position Distance Sensor 1 -G487- ◆ Direct Shift Gearbox (DSG) → Chapter	Solenoid Valve 5 -N92- ◆ Automatic Transmission 09G → Item ◆ Direct Shift Gearbox (DSG) → Chapter	Transmission Input Speed (RPM) Sensor -G182- ◆ Automatic Transmission 09G → Item ◆ Direct Shift Gearbox (DSG) → Item
Automatic Transmission Pressure Regulating Valve 5 -N233- ◆ Direct Shift Gearbox (DSG) → Chapter	Gear Position Distance Sensor 2 -G488- ◆ Direct Shift Gearbox (DSG) → Chapter	Solenoid Valve 6 -N93- ◆ Automatic Transmission 09G → Item	Transmission Output Speed (RPM) Sensor 2 -G196- ◆ Direct Shift Gearbox (DSG) → Chapter
Automatic Transmission Pressure Regulating Valve 6 -N371- ◆ Direct Shift Gearbox (DSG) → Chapter	Gear Position Distance Sensor 3 -G489- ◆ Direct Shift Gearbox (DSG) → Chapter	Solenoid Valve 9 -N282- ◆ Automatic Transmission 09G → Item	Temperature Sensor (in Control Module) -G510- ◆ Direct Shift Gearbox (DSG) → Chapter
Automatic Transmission Hydraulic Pressure Sensor 1 -G193- ◆ Automatic Transmission 09G → Item ◆ Direct Shift Gearbox (DSG) → Chapter	Gear Position Distance Sensor 4 -G490- ◆ Direct Shift Gearbox (DSG) → Chapter	Solenoid Valve 10 -N283- ◆ Automatic Transmission 09G → Item	Tiptronic Switch -F189- ◆ Automatic Transmission 09G → Item
Automatic Transmission	Multi-Function	Shift Lock Solenoid -	

<p>Hydraulic Pressure Sensor 2 -G194-</p> <ul style="list-style-type: none"> ◆ Automatic Transmission 09G → Item ◆ Direct Shift Gearbox (DSG) → Chapter 	<p>Transmission Range (TR) Switch -F125-</p> <ul style="list-style-type: none"> ◆ Automatic Transmission 09G → Item 	<p>N110-</p> <ul style="list-style-type: none"> ◆ Automatic Transmission 09G → Item ◆ Direct Shift Gearbox (DSG) → Item 	
<p>Clutch Oil Temperature Sensor -G509-</p> <ul style="list-style-type: none"> ◆ Direct Shift Gearbox (DSG) → Item 	<p>Solenoid Valve 1 -N88-</p> <ul style="list-style-type: none"> ◆ Automatic Transmission 09G → Item ◆ Direct Shift Gearbox (DSG) → Chapter 	<p>Selector Lever Sensor System Control Module - J587-</p> <ul style="list-style-type: none"> ◆ Direct Shift Gearbox (DSG) → Item 	

Golf

Component Locations

No. 861 / 3

Automatic Transmission 09G**1 - Transmission Control Module (TCM) -J217-**

- Location View : → Fig.

2 - Engine Control Module (ECM)**3 - Multifunction Switch -F125-**

- Location View : → Fig.

4 - Valve Body

- Location View : → Fig.

5 - Sensor Wiring Harness → Fig.**6 - Transmission Fluid Temperature Sensor -G93-**

- Location View : → Fig.

7 - Solenoid Valve Wiring Harness

- Location View : → Fig.

8 - Automatic Transmission Hydraulic Pressure Sensor 1 - G193-

- Location View : → Fig.

9 - Automatic Transmission Hydraulic Pressure Sensor 2 - G194-

- Location View : → Fig.

10 - Transmission Input Speed (RPM) Sensor -G182-

- Location View : → Fig.

11 - Transmission Output Speed (RPM) Sensor -G195-

- Location View : → Fig.

12 - Shift Lock Solenoid -N110-

- Location View : → Fig.

13 - Tiptronic Switch -F189-

- Location View : → Fig.

14 - Power Supply Relay (terminal 50) -J682-

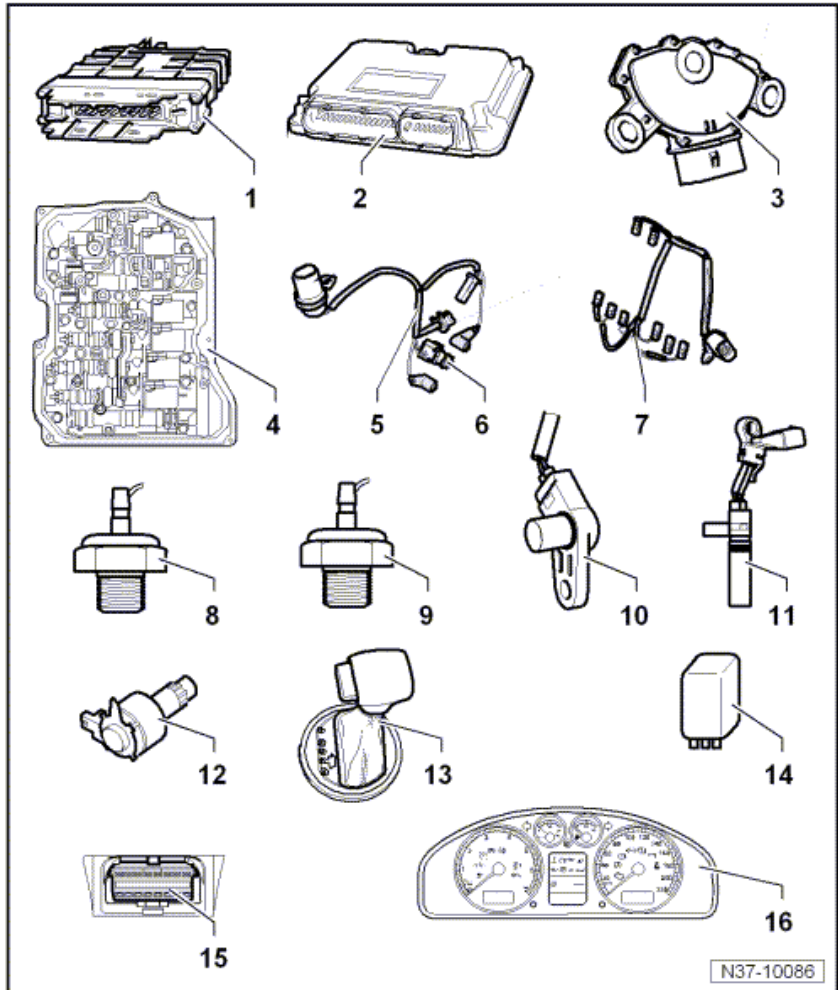
- Located in E-box in engine compartment

15 - Data Link Connector (DLC)

- Located on left side under driver-side storage compartment.

16 - Transmission Range (TR) Display -Y6-

- Located the in instrument cluster



Golf

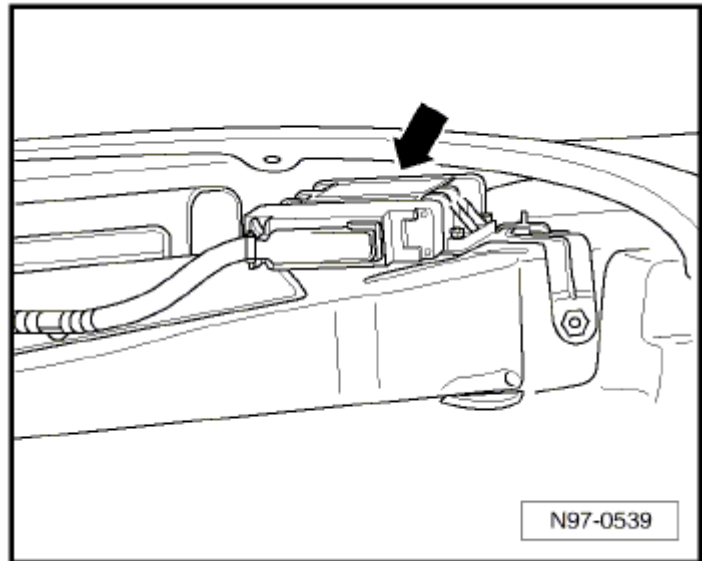
Component Locations

No. 861 / 4

Transmission Control Module (TCM)

Arrow - Transmission Control Module (TCM) -
J217-

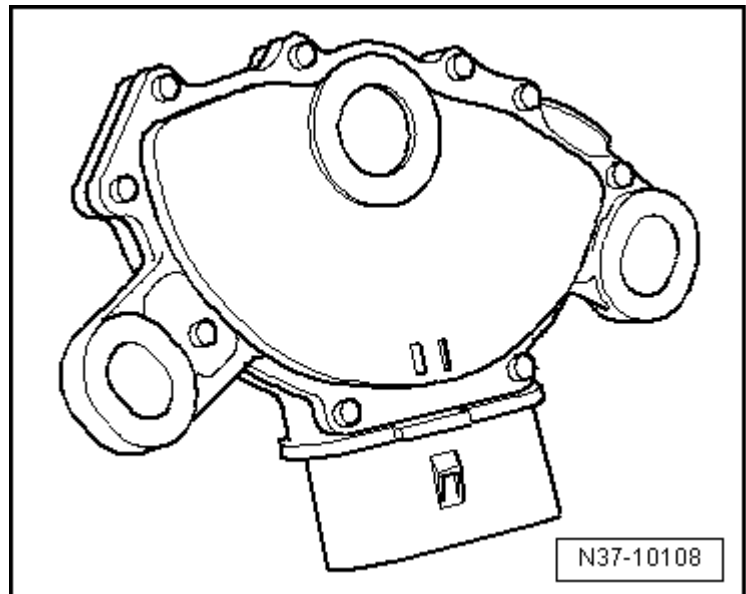
Located in left front wheel housing



Multifunction Switch

-- Multi-Function Transmission Range (TR)
Switch -F125-

Located on upper side of transmission.



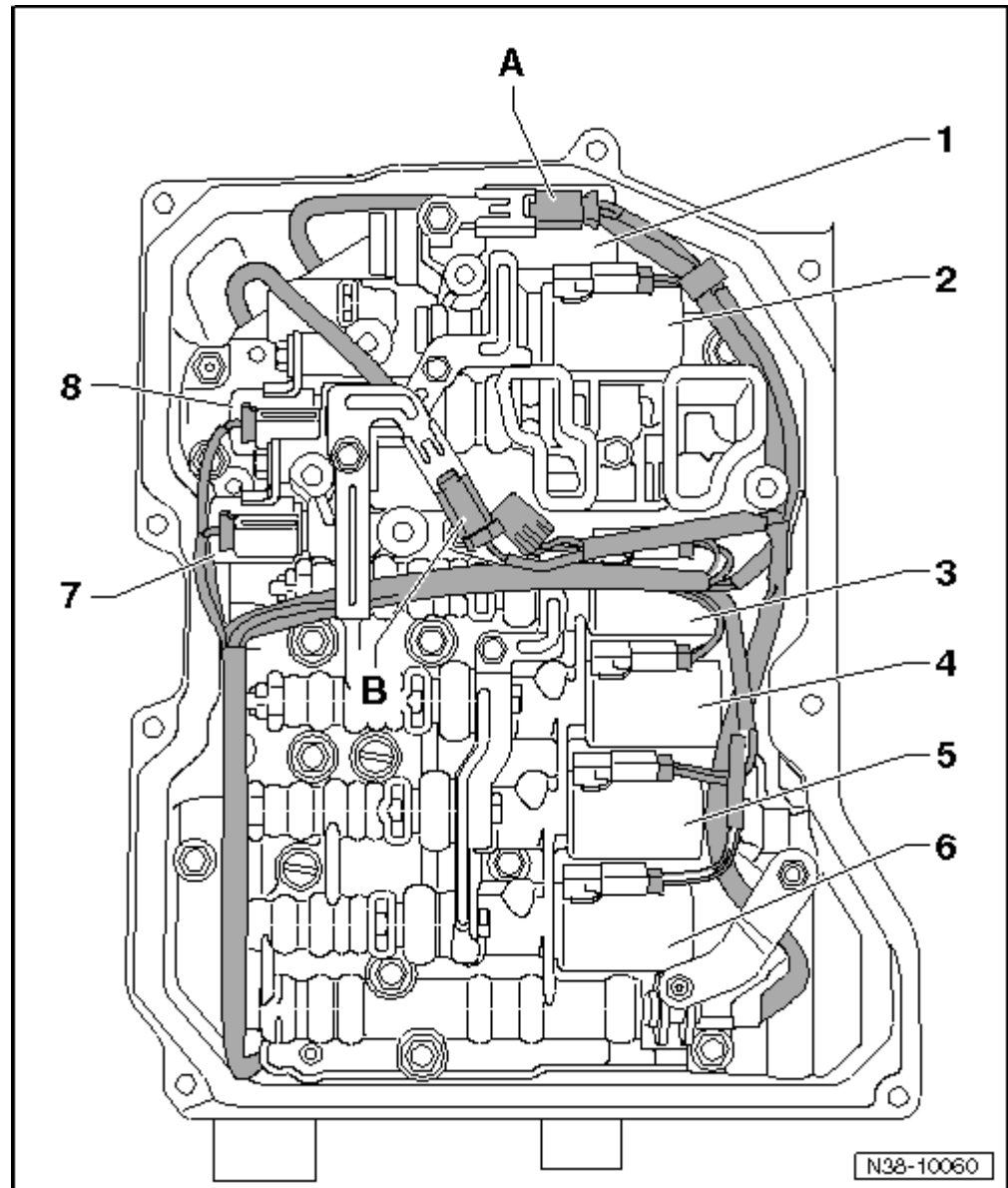
Golf

Component Locations

No. 861 / 5

Valve Body

- 1 - Solenoid Valve 4 - N91-
- 2 - Solenoid Valve 6 - N93-
- 3 - Solenoid Valve 5 - N92-
- 4 - Solenoid Valve 9 - N282-
- 5 - Solenoid Valve 10 - N283-
- 6 - Solenoid Valve 3 - N90-
- 7 - Solenoid Valve 1 - N88-
- 8 - Solenoid Valve 2 - N89-
- A - Transmission Output Speed (RPM) Sensor - G195-
- B - Transmission Input Speed (RPM) Sensor - G182-



Golf

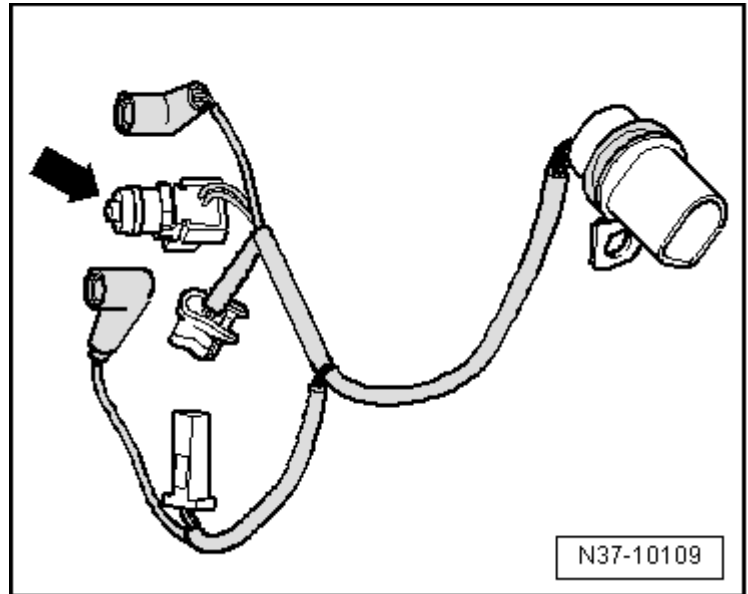
Component Locations

No. 861 / 6

Transmission Fluid Temperature Sensor

Arrow - Transmission Fluid Temperature Sensor - G93- integrated with wiring harness

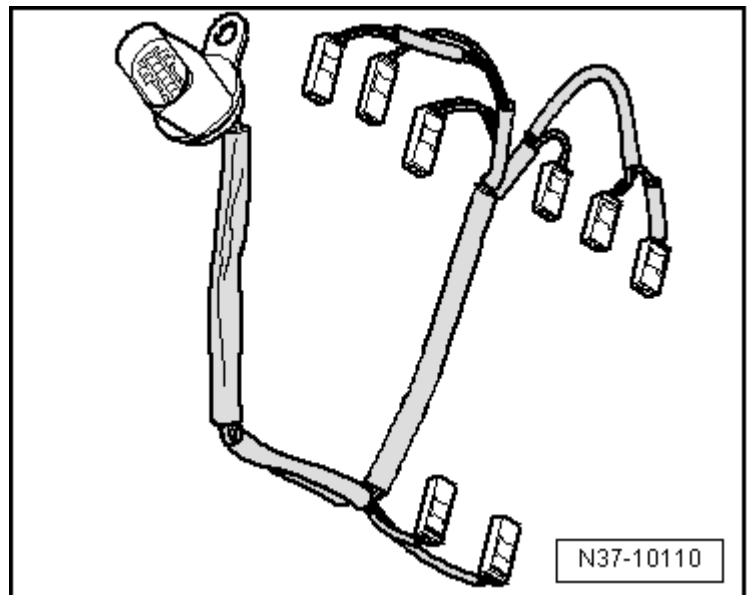
Location: Wiring harness is secured to valve body in transmission



Solenoid Valve Wiring Harness

- - Solenoid Valve Wiring Harness

Location: Wiring harness is secured to valve body in transmission



Golf

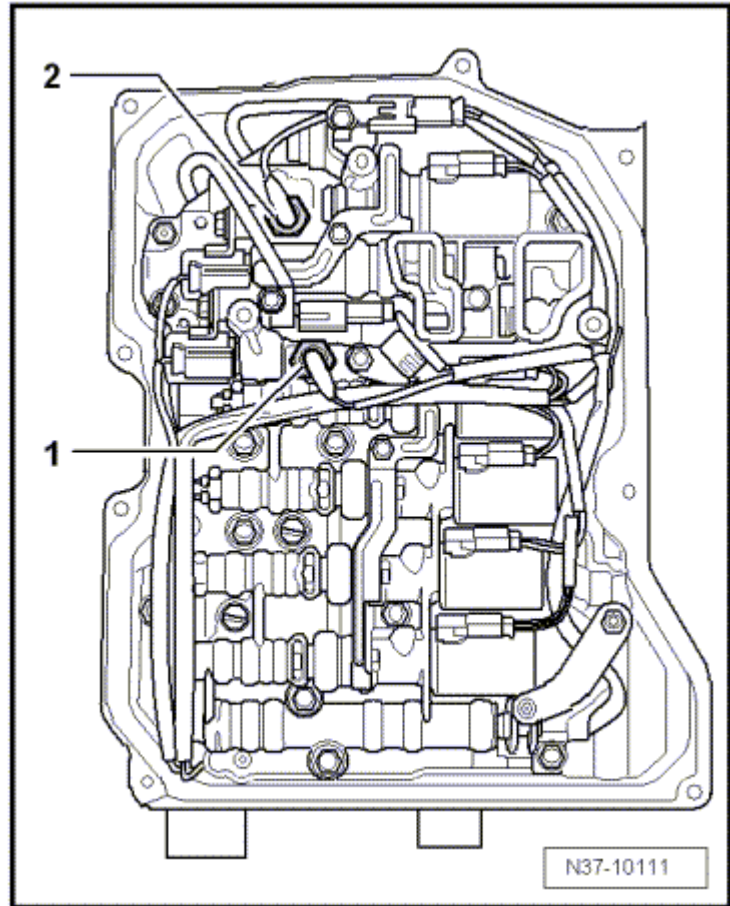
Component Locations

No. 861 / 7

Automatic Transmission Hydraulic Pressure Sensors

These sensors are not installed in all transmissions and are installed in the valve body

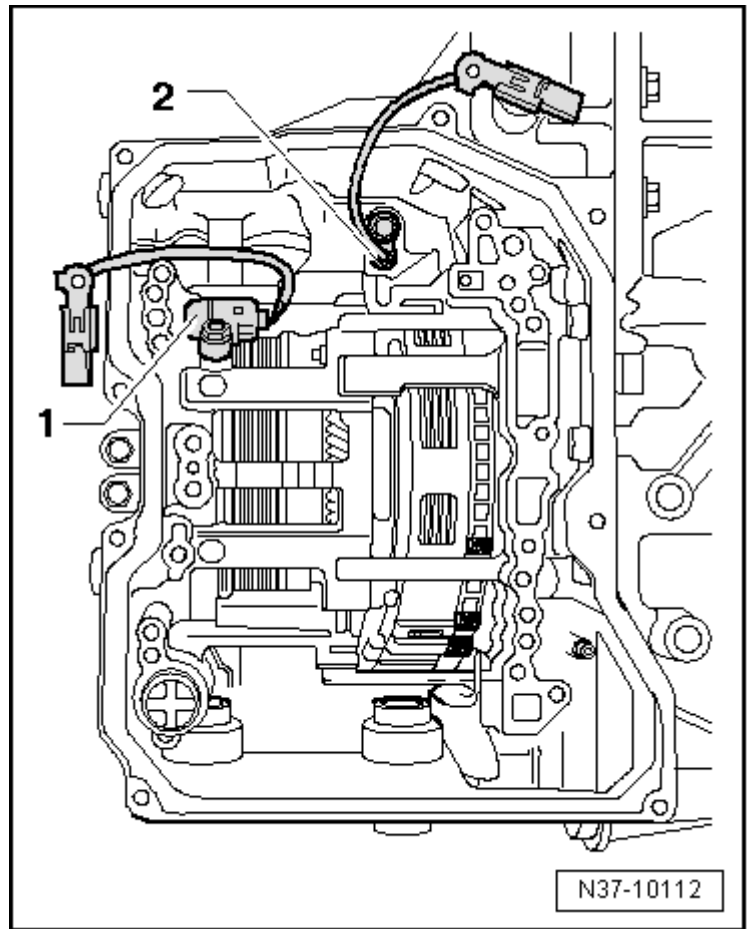
- 1 - Automatic Transmission Hydraulic Pressure Sensor 1 -G193-
- 2 - Automatic Transmission Hydraulic Pressure Sensor 2 -G194-



Transmission Input Speed (RPM) Sensor and Transmission Output Speed (RPM) Sensor

Located above valve body in transmission housing.

- 1 - Transmission Input Speed (RPM) Sensor - G182-
- 2 - Transmission Output Speed (RPM) Sensor -G195-



Golf

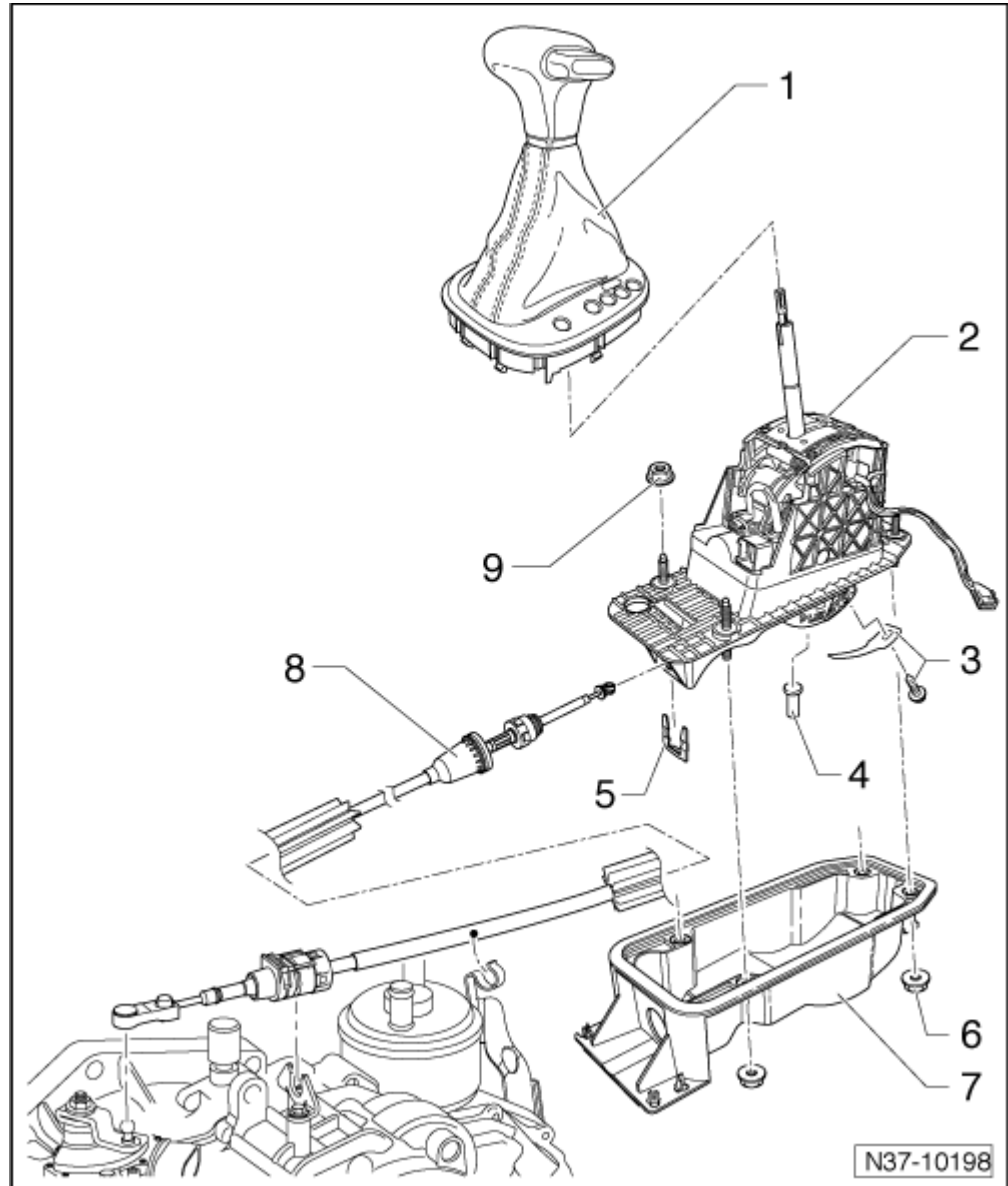
Component Locations

No. 861 / 8

Selector Mechanism Overview

- 2 - Shift Lock Solenoid
-N110- and Selector
Lever Park Position
Lock Switch -F319-

The solenoid is permanently installed in the shift selector mechanism and cannot be replaced separately. Removal and installation is only possible in conjunction with selector mechanism



Golf

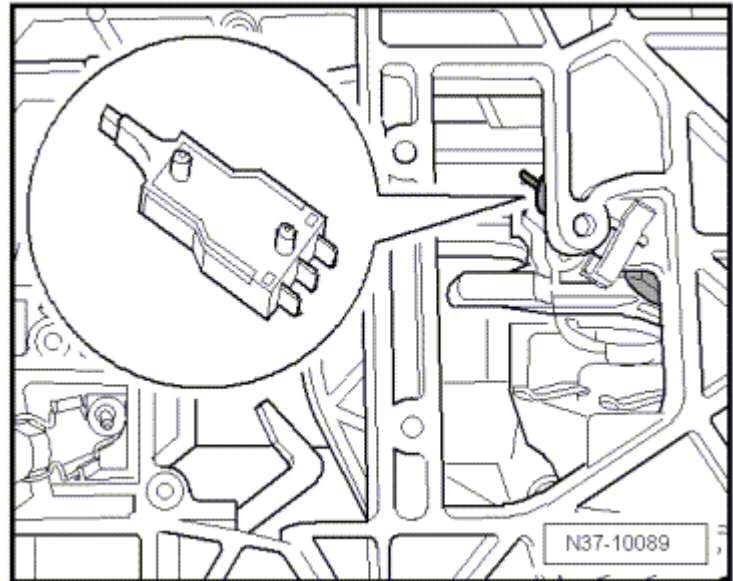
Component Locations

No. 861 / 9

Tiptronic Switch

-- Tiptronic Switch -F189-

Integrated in shift selector mechanism



Golf

Component Locations

No. 861 / 10

Direct Shift Gearbox (DSG)**1 - Direct Shift Gearbox (DSG) Mechatronic -J743-**

- Location View : → Chapter

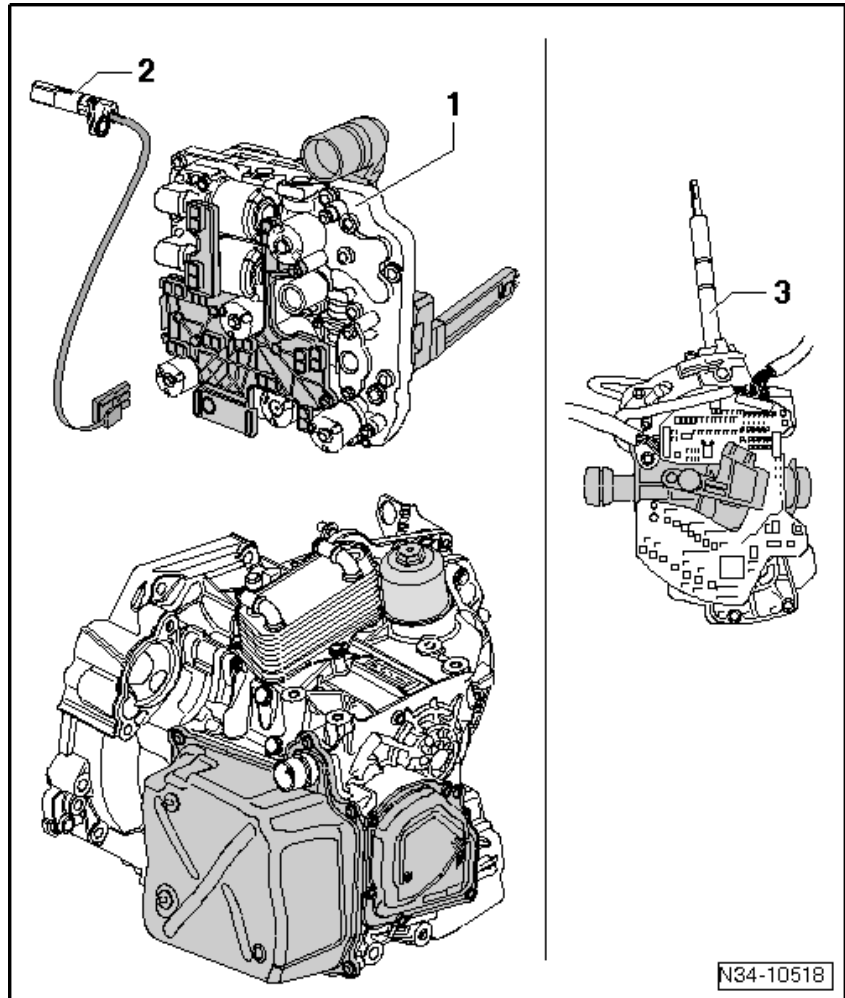
2 - Transmission Input Speed (RPM) Sensor -G182- and Clutch Oil Temperature Sensor -G509-

- Location View : → Chapter

3 - Selector Lever -E313-

- The Selector Lever Sensor System Control Module -J587-, Shift Lock Solenoid -N110- and Selector Lever Park Position Lock Switch -F319- are located at the selector lever and selector mechanism

- Location View : → Chapter



N34-10518

Golf

Component Locations

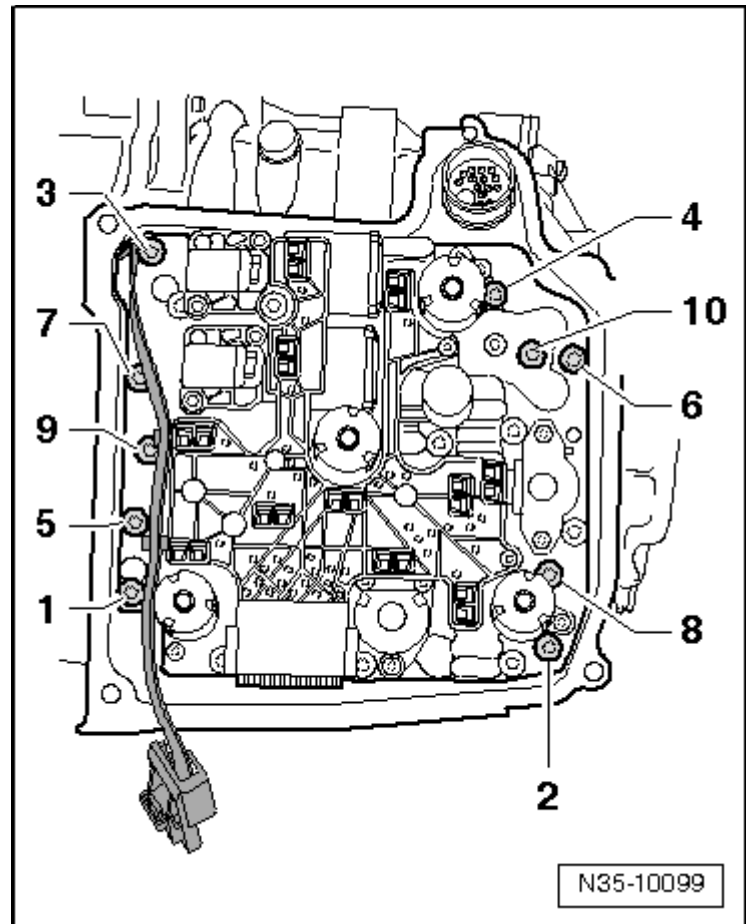
No. 861 / 11

Valve Body

Direct Shift Gearbox (DSG) Mechatronic -J743- is integrated onto the Direct Shift Gearbox (DSG)

The following are secured to the valve body or integrated to the Direct Shift Gearbox (DSG) Mechatronic -J743-

- ◆ Automatic Transmission Pressure Regulating Valve 1 -N215-
- ◆ Automatic Transmission Pressure Regulating Valve 2 -N216-
- ◆ Automatic Transmission Pressure Regulating Valve 3 -N217-
- ◆ Automatic Transmission Pressure Regulating Valve 4 -N218-
- ◆ Automatic Transmission Pressure Regulating Valve 5 -N233-
- ◆ Automatic Transmission Pressure Regulating Valve 6 -N371-
- ◆ Solenoid Valve 1 -N88-
- ◆ Solenoid Valve 2 -N89-
- ◆ Solenoid Valve 3 -N90-
- ◆ Solenoid Valve 4 -N91-
- ◆ Solenoid Valve 5 -N92-
- ◆ Temperature Sensor (in Control Module) - G510-
- ◆ Automatic Transmission Hydraulic Pressure Sensor 1 -G193-
- ◆ Automatic Transmission Hydraulic Pressure Sensor 2 -G194-
- ◆ Transmission Output Speed (RPM) Sensor - G195-
- ◆ Transmission Output Speed (RPM) Sensor 2 - G196-
- ◆ Gear Position Distance Sensor 1 -G487-
- ◆ Gear Position Distance Sensor 2 -G488-
- ◆ Gear Position Distance Sensor 3 -G489-
- ◆ Gear Position Distance Sensor 4 -G490-
- ◆ Driveshaft Speed Sensor 1 -G501-
- ◆ Driveshaft Speed Sensor 2 -G502-
- ◆ Transmission Fluid Temperature Sensor -G93-
- ◆ Back-Up Light Switch -F4-



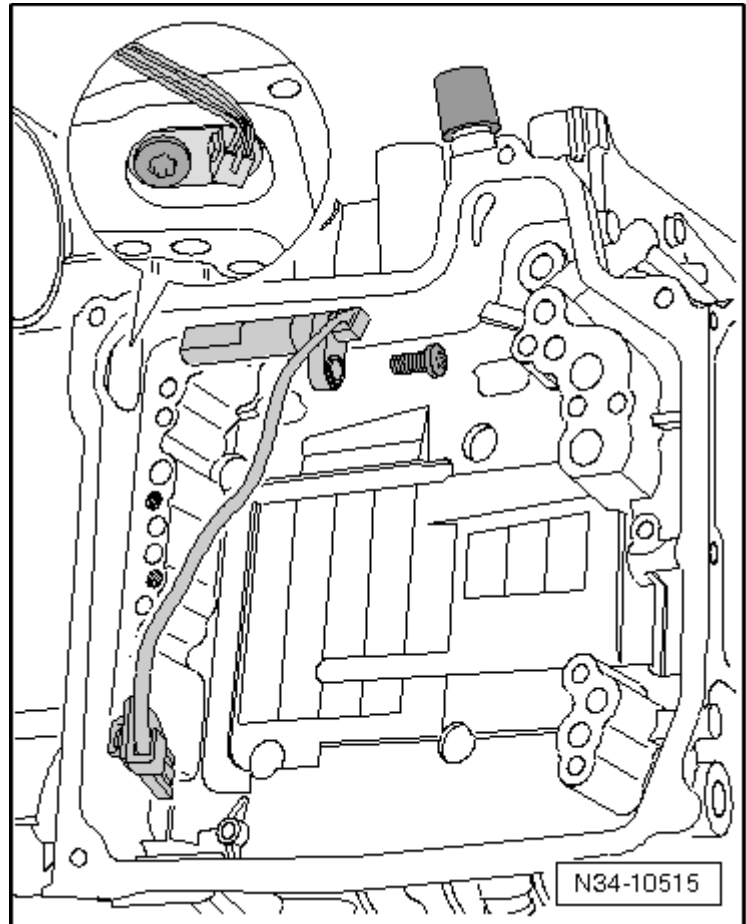
Golf

Component Locations

No. 861 / 12

Transmission Input Speed (RPM) Sensor -G182- and Clutch Oil Temperature Sensor -G509-

Both sensors are integrated and are located near the multi plate clutch



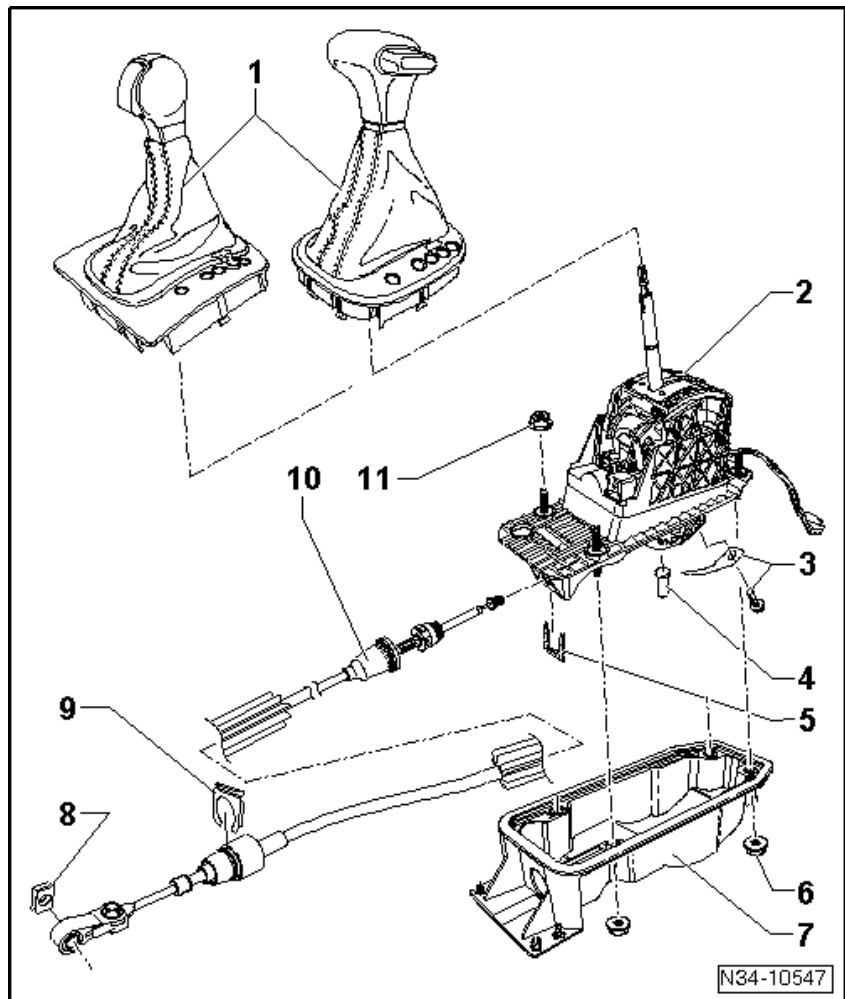
Golf

Component Locations

No. 861 / 13

Selector Mechanism Assembly**2 - Selector Lever and Selector Mechanism**

- The selector assembly contains the following items:
 - ◆ Selector Lever Sensor System Control Module -J587-
 - ◆ Selector Lever -E313-
 - ◆ Shift Lock Solenoid -N110-
 - ◆ Selector Lever Park Position Lock Switch -F319-



Golf

Wiring Diagram

No. 9 / 1

01.2010

Variable speed radiator fan (single fan and dual fans)

from July 2008

Note:

Information for

- ◆ Relay and fuse arrangements
- ◆ Connector arrangements
- ◆ Control Modules and Relays
- ◆ Ground connections

→ Component Locations

Information for

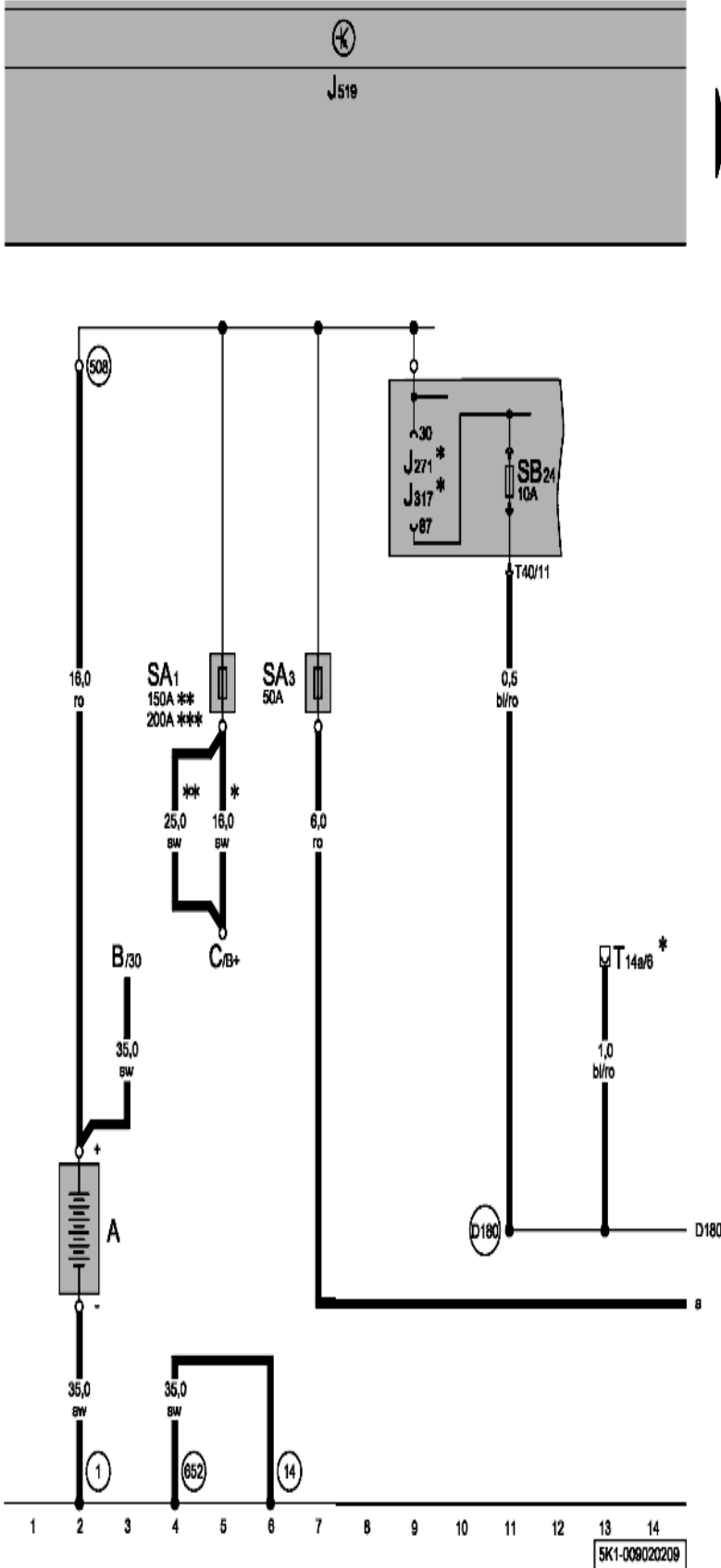
- ◆ Troubleshooting Procedures

→ Guided Fault Finding using VAS 5051 / 5052

Golf

Wiring Diagram

No. 9 / 2



- Power Supply Relay (terminal 30), Battery**
- A - Battery
 - B - Starter
 - C - Generator (GEN)
- J271 - Motronic Engine Control Module (ECM) Power Supply Relay, on electronics box, in engine compartment, left (100)
- J317 - Power Supply Relay (terminal 30), on Electronics Box, in engine compartment, left (100)
- J519 - Vehicle Electrical System Control Module
- SA1 - Fuse 1 (on fuse panel A)
- SA3 - Fuse 3 (on fuse panel A)
- SB24 - Fuse 24 (on fuse panel B)
- T14a - 14-Pin Connector, near battery
- T40 - 40-Pin Connector
- 1 - Ground strap, battery to body
- 14 - Ground Connection on transmission
- 508 - Threaded Connection terminal 30 (on electronics box)
- Transmission/Engine Ground
- 652 - Connection
- D180 - Connection (87a) (in engine compartment)

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue

gr = grey	**	wiring harness)
li = lilac		- Models with 90
vi = lilac		A/ 120 A
ge = yellow		generator
or = orange	***	- Models with
rs = pink		140 A
		generator
	*	- ⇒ Wiring
		Diagram
		engine

Golf


Wiring Diagram


No. 9 / 3

Coolant Fan Control (FC) Control Module, Coolant Fan

J293- Coolant Fan Control (FC) Control

Module  

J519 - Vehicle Electrical System Control Module 

J623 - Engine Control Module (ECM), in plenum chamber, center 


T2v - Double Connector, on coolant fan


T4x - 4-Pin Connector, on coolant fan, bottom left


T80 - 80-Pin Connector


T94 - 94-Pin Connector


T121 - 121-Pin Connector

V7 - Coolant Fan 

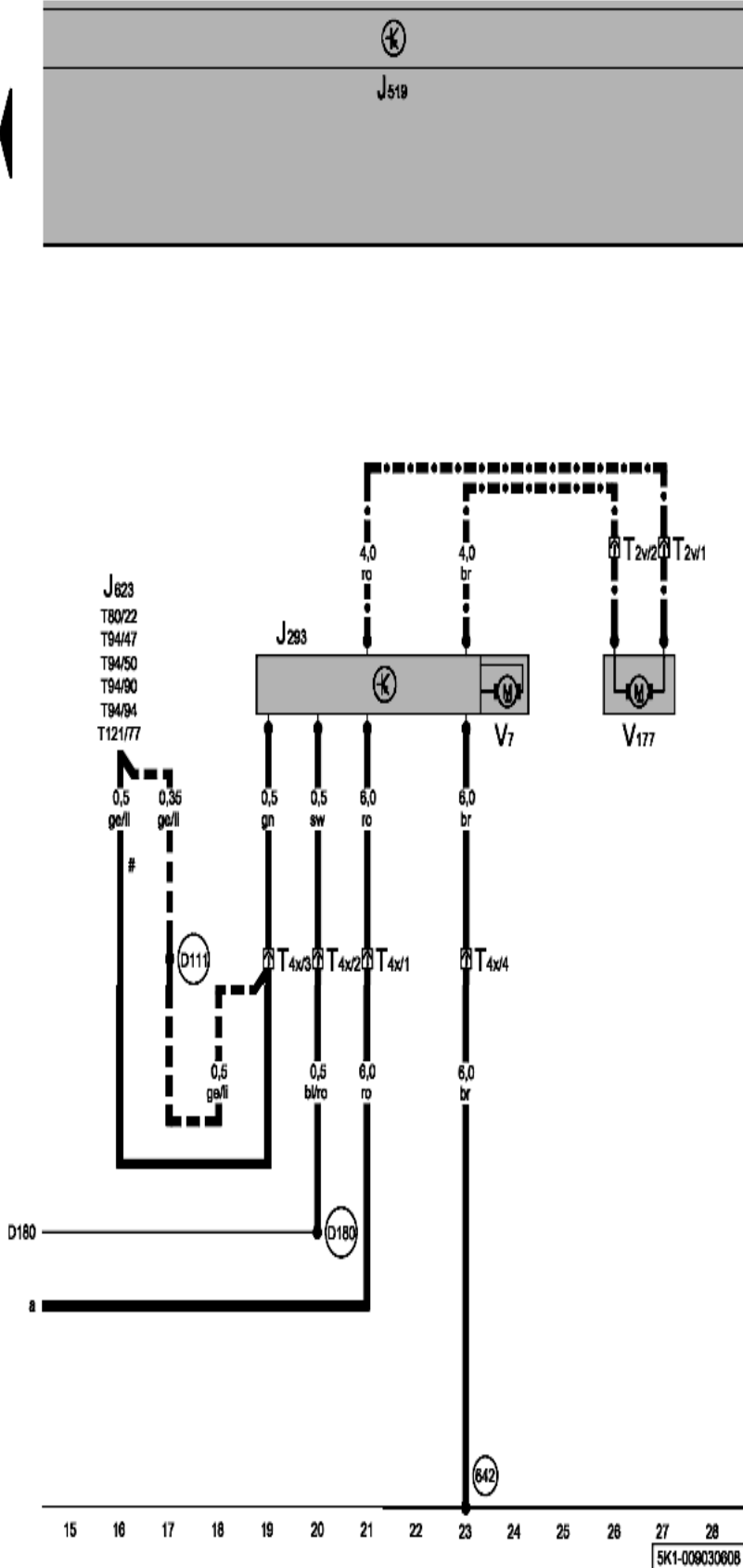
V177 - Coolant Fan 2 

642 - Ground Connection (on electronic fan control) 

D111 - Connection 9 (in engine compartment wiring harness) 

D180 - Connection (87a) (in engine compartment wiring harness) 

- Not for engine codes



		BSE, BSF, CCSA, CHGA
ws = white	---	- Only engine codes BSE, BSF, CCSA, CHGA
sw = black		
ro = red		
rt = red		
br = brown	-●-	- Only models with high output radiator fan
gn = green		
bl = blue		
gr = grey		
li = lilac		
vi = lilac		
ge = yellow		- G83 - Engine Coolant Temperature (ECT) Sensor (on Radiator)
or = orange		⇒ Wiring Diagram engine
rs = pink		

Golf

Wiring Diagram

No. 40 / 1

11.2011

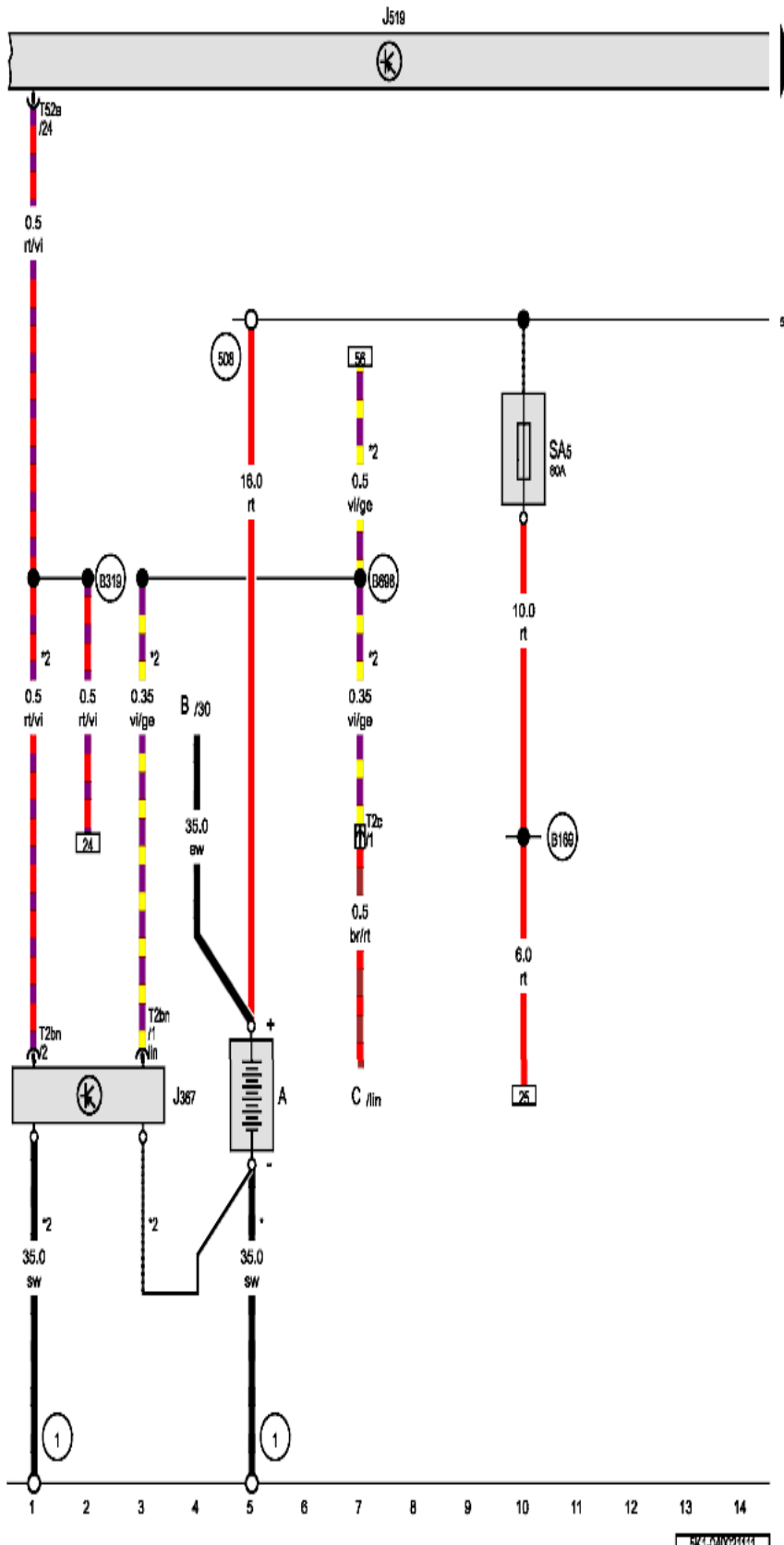
Data bus networking

from July 2008






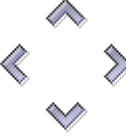




Golf

Wiring Diagram

No. 40 / 2



Battery, Battery monitoring control module, Fuse 5 (on fuse panel A)

- A - Battery
- B - Starter
- C - Generator
- J367 - Battery monitoring control module 
- J519 - Vehicle electrical system control module 
- SA5 - Fuse 5 (on fuse panel A) 
- T2bn - Double connector 
- T2c - Double connector, near the starter 
- T52a - 52-pin connector 
- 1 - Ground strap, battery to body
- 508 - Terminal 30 threaded connection (on E-box) 
- B169 - Positive connection 1 (30) (in interior wiring harness) 
- B319 - Positive connection 5 (30a) (in main wiring harness) 
- B698 - LIN bus connection 3 (in main wiring harness) 
- * - Only for vehicles without Start/Stop system
- *2 - Only for vehicles with

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

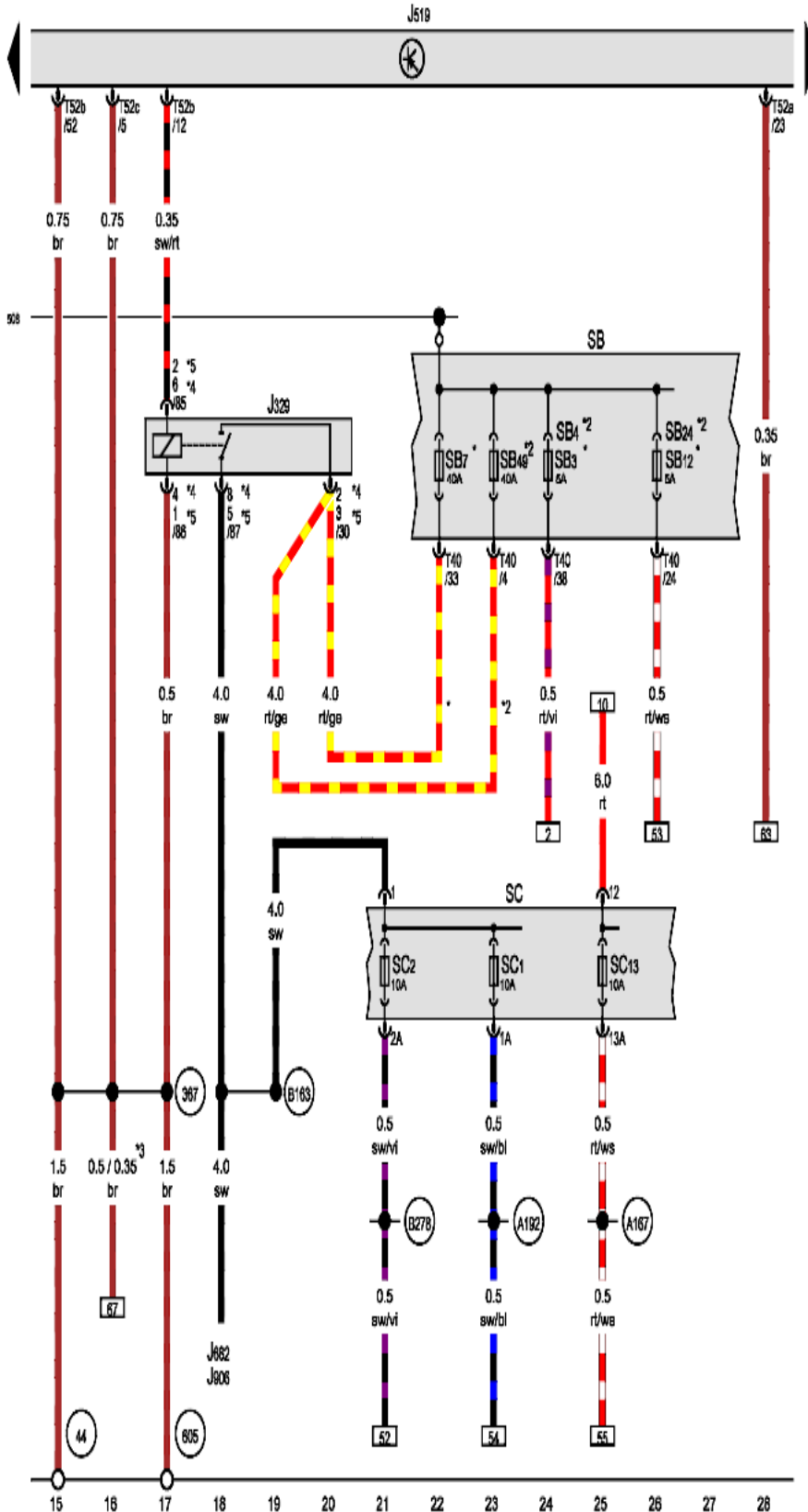
Start/Stop
system

Golf

Wiring Diagram

No. 40 / 3

Terminal 15 power supply relay, Fuse panel B, Fuse panel C



- J329 - Terminal 15 power supply relay
- J519 - Vehicle electrical system control module
- J682 - Terminal 50 power supply relay
- J906 - Starter relay 1
- SB - Fuse panel B
- SC1 - Fuse 1 (on fuse panel C)
- SC2 - Fuse 2 (on fuse panel C)
- SB3 - Fuse 3 (on fuse panel B)
- SB4 - Fuse 4 (on fuse panel B)
- SB7 - Fuse 7 (on fuse panel B)
- SB12 - Fuse 12 (on fuse panel B)
- SC13 - Fuse 13 (on fuse panel C)
- SB24 - Fuse 24 (on fuse panel B)
- SB49 - Fuse 49 (on fuse panel B)
- SC - Fuse panel C
- T40 - 40-pin connector
- T52a - 52-pin connector
- T52b - 52-pin connector

- T52c - 52-pin connector
- 44 - Ground connection on A-pillar, lower left
- 367 - Ground connection 2 (in main wiring harness)
- 508 - Terminal 30 threaded connection (on E-box)
- 605 - Ground connection on upper steering column
- A167 - Positive connection 3 (30a) (in instrument panel wiring harness)
- A192 - Positive connection 3 (15a) (in instrument panel wiring harness)
- B163 - Positive connection 1 (15) (in interior wiring harness)
- B278 - Positive connection 2 (15a) (in main wiring harness)
- * - E-Box low
- *2 - E-Box high
- *3 - from May 2011
- *4 - Through October 2009
- *5 - from November 2009
















ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

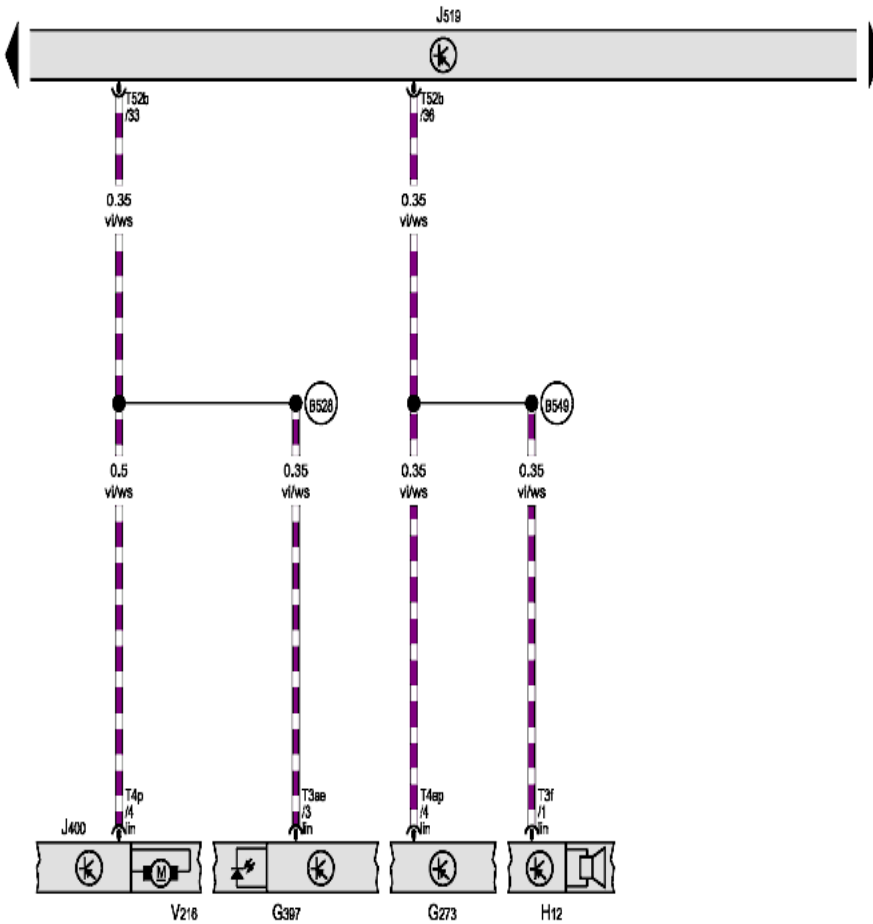
Golf

Wiring Diagram

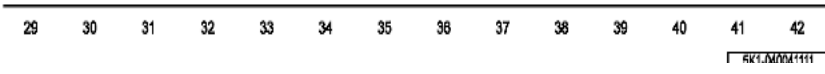
No. 40 / 4

Interior monitoring sensor, Rain/light recognition sensor, Alarm horn, Wiper motor control module, Driver windshield wiper motor

- G273 - Interior monitoring sensor 
- G397 - Rain/light recognition sensor 
- H12 - Alarm horn 
- J400 - Wiper motor control module 
- J519 - Vehicle electrical system control module 
- T3ae - 3-pin connector 
- T3f - 3-pin connector 
- T4ap - 4-pin connector 
- T4p - 4-pin connector 
- T52b - 52-pin connector 
- V216 - Driver windshield wiper motor 
- B528 - LIN bus connection 1 (in main wiring harness) 
- B549 - LIN bus connection 2 (in main wiring harness) 



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink



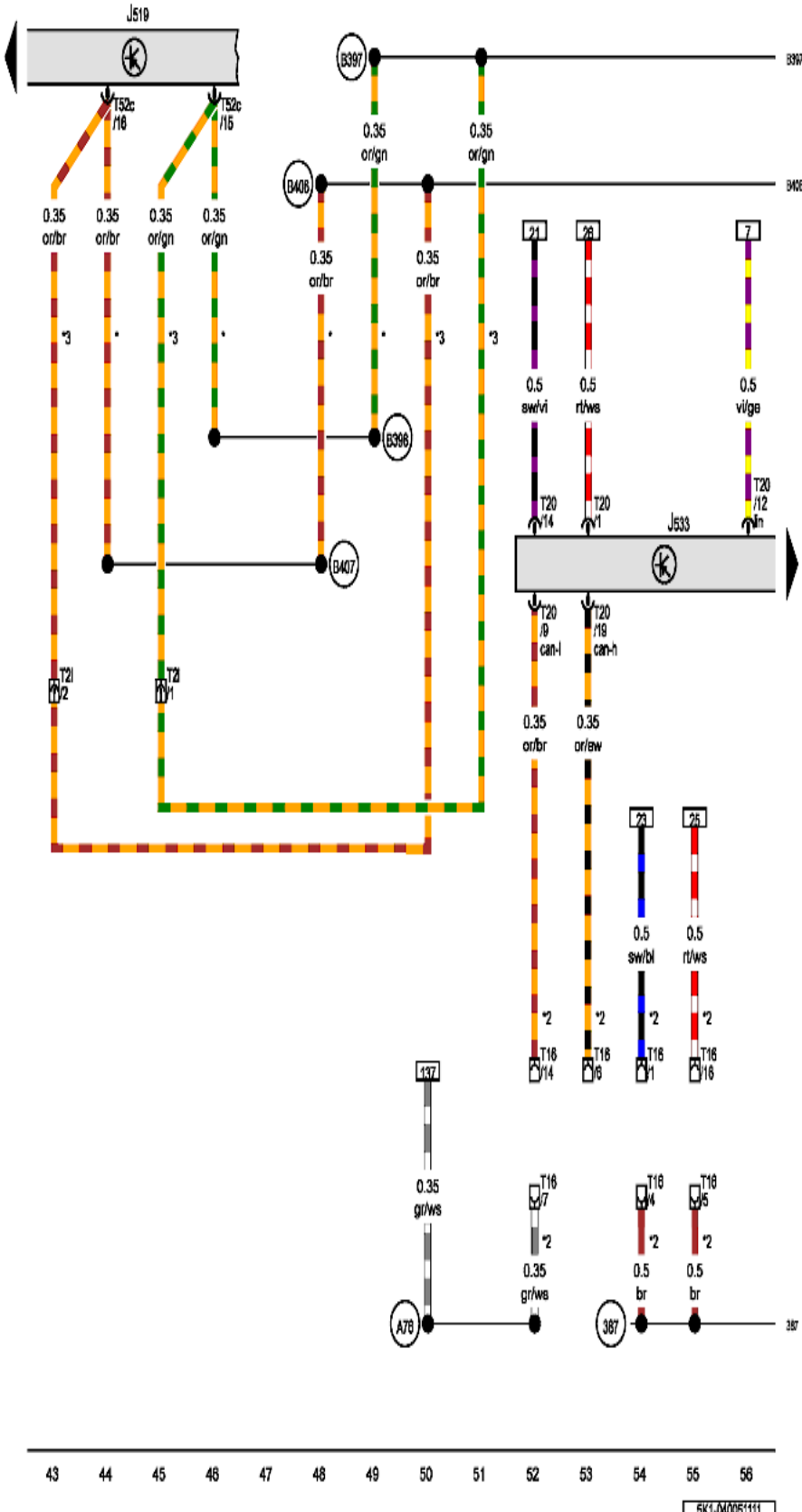
Golf

Wiring Diagram

No. 40 / 5

Data bus on board diagnostic interface

- J519 - Vehicle electrical system control module
- J533 - Data bus on board diagnostic interface, in the left footwell, near the center console
- T2i - Double connector, under the instrument panel, left
- T16 - 16-pin connector, under the instrument panel, left
- T20 - 20-pin connector
- T52c - 52-pin connector
- 387 - Ground connection 22 (in main wiring harness)
- A76 - KS-diagnostic lead connection (in instrument panel wiring harness)
- B397 - Comfort system CAN bus high connection 1 (in main wiring harness)
- B398 - Comfort system CAN bus high connection 2 (in main wiring harness)
- B406 - Comfort



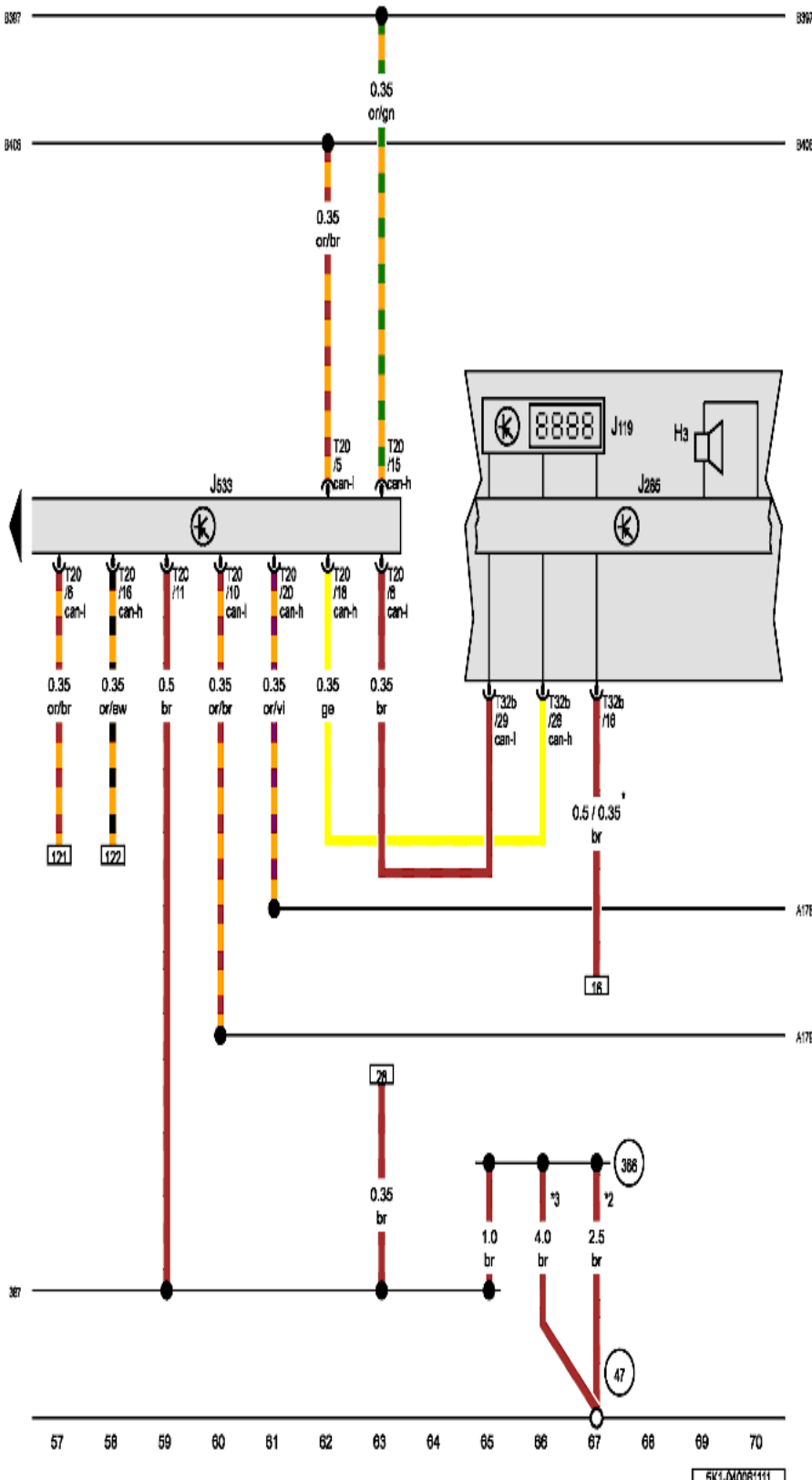
		system CAN bus low connection 1 (in main wiring harness)
	B407	- Comfort system CAN bus low connection 2 (in main wiring harness)
ws = white		
sw = black		
ro = red		
rt = red		
br = brown		
gn = green		
bl = blue		
gr = grey		
li = lilac	*	- Only for vehicles without a trailer socket
vi = lilac		
ge = yellow		
or = orange		
rs = pink		
	*2	- Diagnostic connector
	*3	- Only for vehicles with trailer socket

Golf

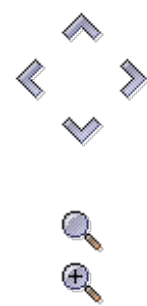
Wiring Diagram

No. 40 / 6

Multifunction indicator, Instrument cluster control module, Data bus on board diagnostic interface



- H3 - Warning buzzer and tone
- J119 - Multifunction indicator
- J285 - Instrument cluster control module 📷
- J533 - Data bus on board diagnostic interface, in the left footwell, near the center console 📷
- T20 - 20-pin connector
- T32b - 32-pin connector
- 47 - Ground connection in right front footwell
- 366 - Ground connection 1 (in main wiring harness)
- 387 - Ground connection 22 (in main wiring harness)
- A178 - Infotainment CAN bus high connection (in instrument panel wiring harness)
- A179 - Infotainment CAN bus low connection (in instrument panel wiring harness)
- B397 - Comfort





system CAN
 bus high
 connection 1
 (in main
 wiring
 harness)
 B406 - Comfort
 system CAN
 bus low
 connection 1
 (in main
 wiring
 harness)
 * - from May
 2011
 *2 - Only for
 vehicles
 without
 Start/Stop
 system
 *3 - Only for
 vehicles with
 Start/Stop
 system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 40 / 7

Compass magnetic field sensor, Auxiliary heater control module, Cell phone operating electronics control module, Radio/navigation display unit control module, Radio, Amplifier, TV tuner, External multimedia device interface

G197 - Compass magnetic field sensor

J364 - Auxiliary heater control module

J412 - Cell phone operating electronics control module

J503 - Radio/navigation display unit control module

R - Radio

R12- Amplifier

R78 - TV tuner

R215 - External multimedia device interface

T8ao - 8-pin connector

T8f - 8-pin connector

T12t - 12-pin connector

T16b - 16-pin connector

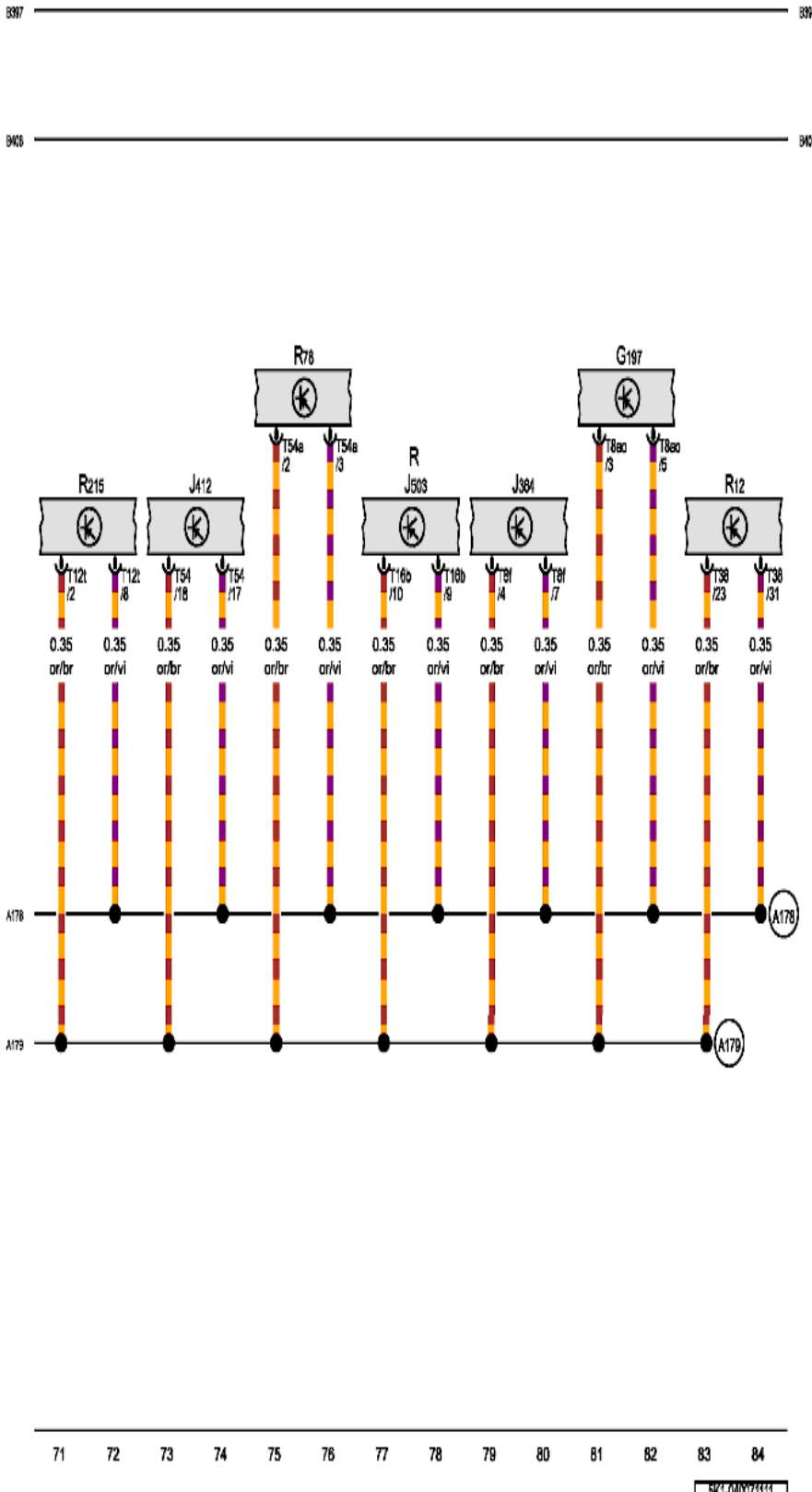
T38 - 38-pin connector

T54 - 54-pin connector

T54a - 54-pin connector

A178 - Infotainment CAN bus high connection (in instrument panel wiring harness)

- Infotainment

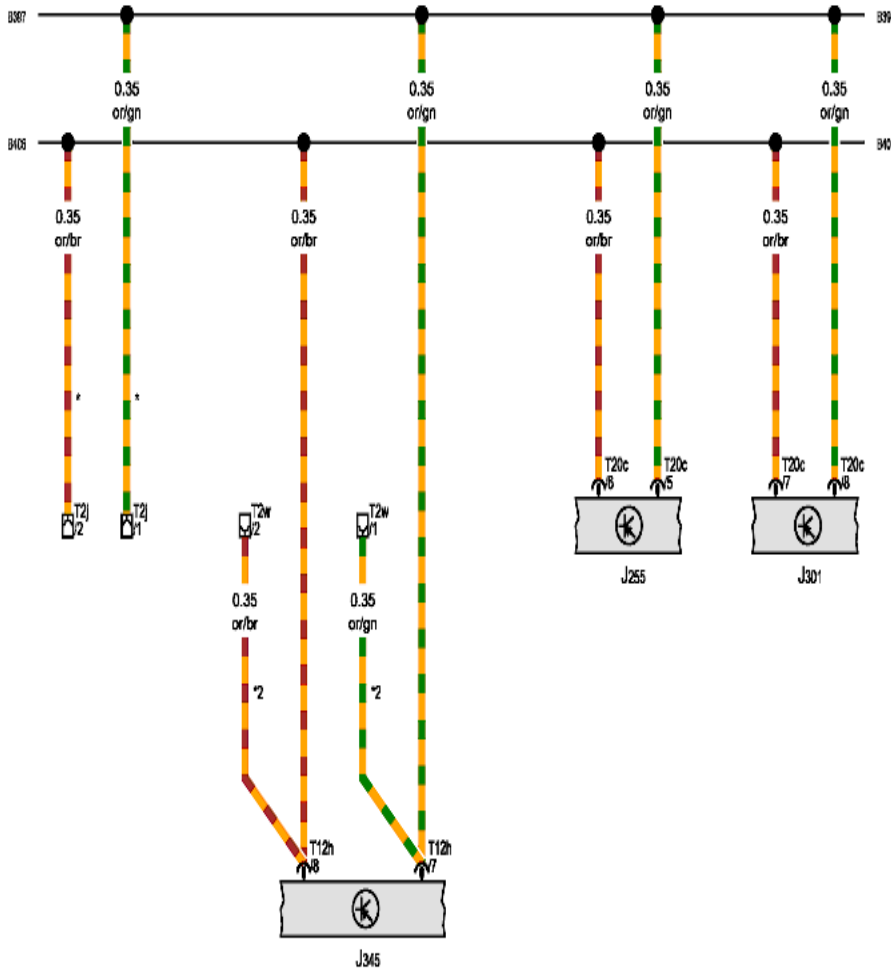


	A179	CAN bus low connection (in instrument panel wiring harness)
ws = white sw = black ro = red rt = red br = brown gn = green bl = blue gr = grey li = lilac vi = lilac ge = yellow or = orange rs = pink	B397	- Comfort system CAN bus high connection 1 (in main wiring harness)
	B406	- Comfort system CAN bus low connection 1 (in main wiring harness)

Golf

Wiring Diagram

No. 40 / 8



Climatronic control module, A/C control module, Towing recognition control module

- J255- Climatronic control module
- J301- A/C control module
- J345 - Towing recognition control module

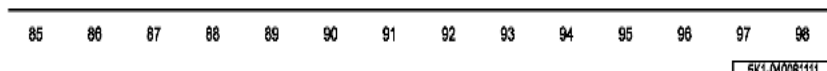
- T2j - Double connector, behind the instrument panel, center
- T2w - Double connector, behind the instrument panel, left

- T12h - 12-pin connector
- T20c - 20-pin connector

- B397 - Comfort system CAN bus high connection 1 (in main wiring harness)
- B406 - Comfort system CAN bus low connection 1 (in main wiring harness)

- * - Only for vehicles with control module for special purpose vehicles
- *2 - Only for vehicles with trailer setup

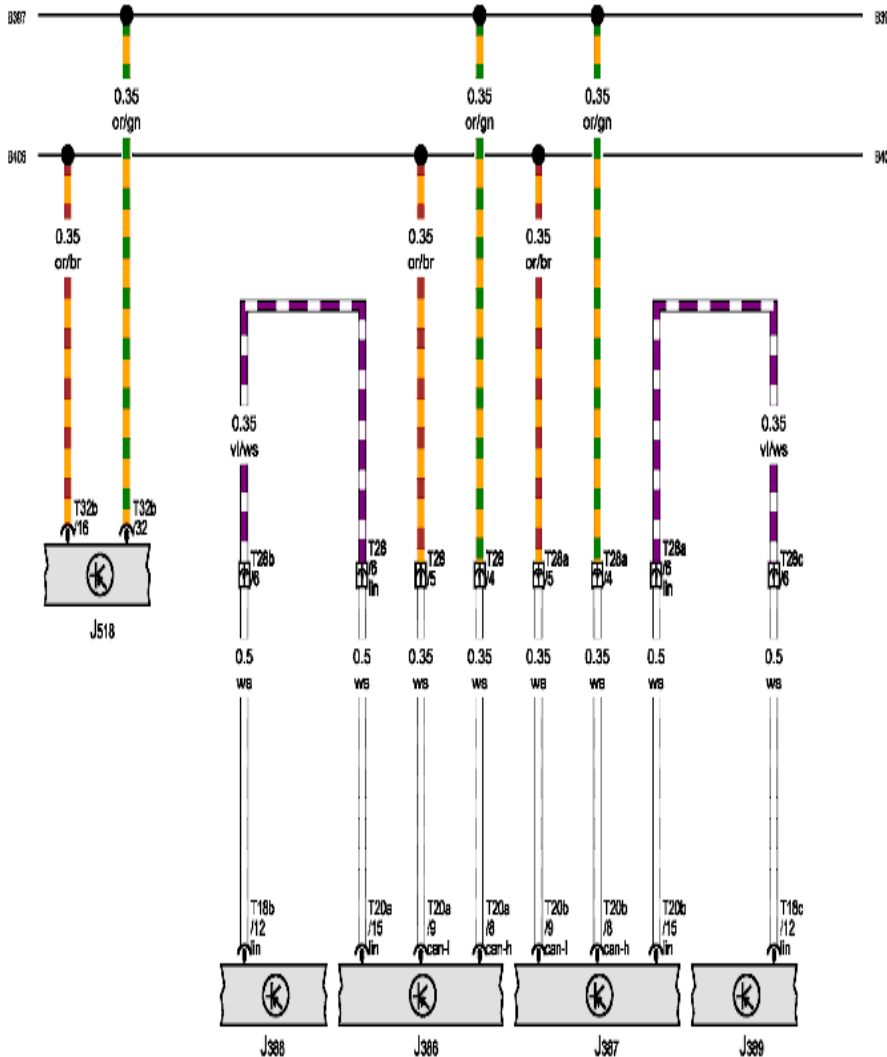
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink













Golf




Wiring Diagram

No. 40 / 9



Driver door control module, Front passenger door control module, Left rear door control module, Right rear door control module, Access/start authorization control module


- J386 - Driver door control module, in the left rear side panel  
- J387 - Front passenger door control module  
- J388 - Left rear door control module  
- J389 - Right rear door control module  
- J518 - Access/start authorization control module  

- T18b - 18-pin connector
- T18c - 18-pin connector
- T20a - 20-pin connector
- T20b - 20-pin connector
- T28 - 28-pin connector, in the left A-pillar connector station 
- T28a - 28-pin connector, in the connector station, right A-pillar 
- T28b - 28-pin connector, behind the lower left B-pillar trim 
- T28c - 28-pin connector,



99 100 101 102 103 104 105 106 107 108 109 110 111 112

FK1.M0051111

behind the
lower right B-
pillar
trim 

T32b - 32-pin
connector

B397 - Comfort
system CAN
bus high
connection 1
(in main
wiring
harness)

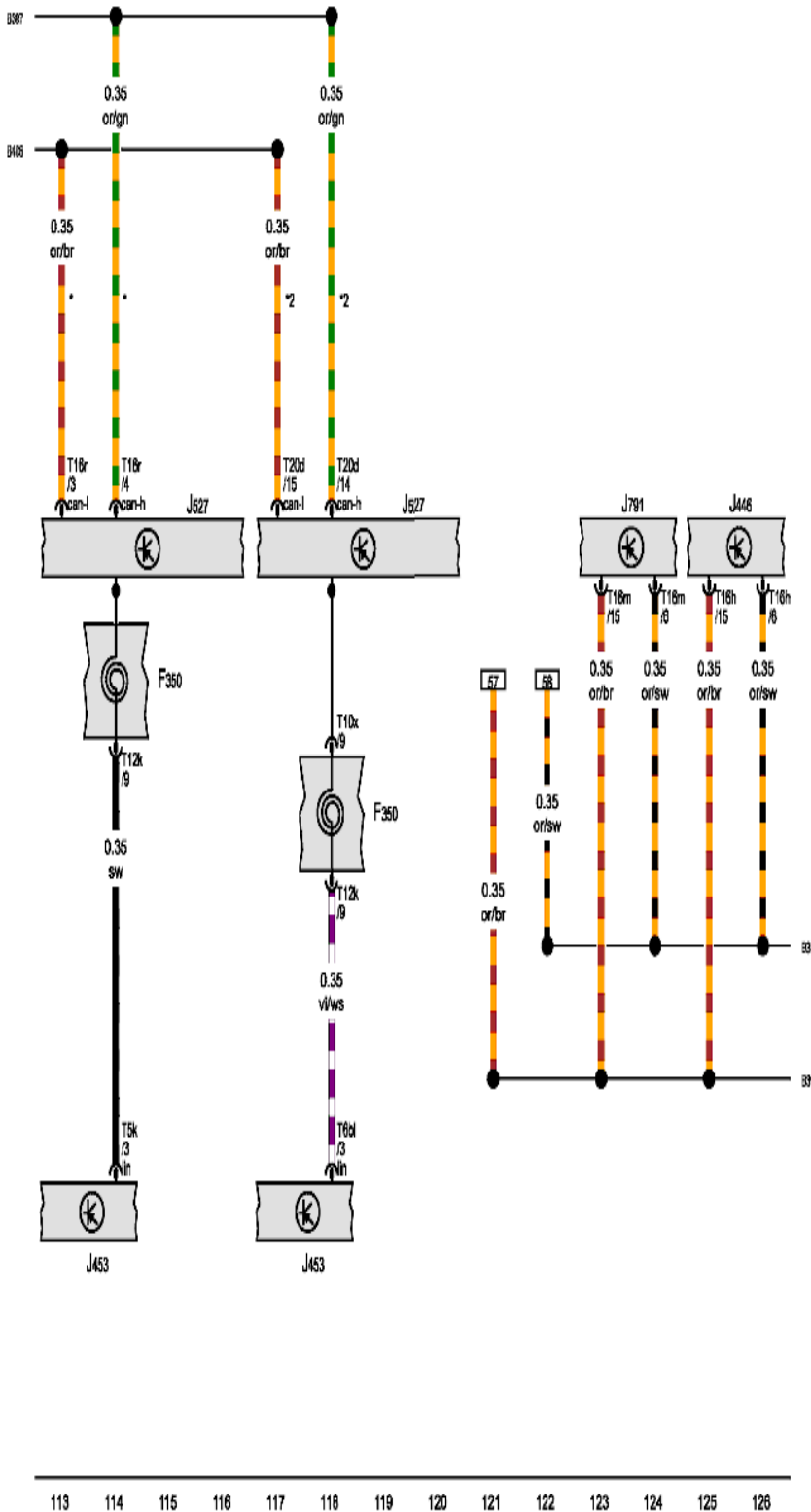
B406 - Comfort
system CAN
bus low
connection 1
(in main
wiring
harness)

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink








Golf

Wiring Diagram

No. 40 / 10



Parking aid control module, Multifunction steering wheel control module, Steering column electronics control module, Parallel parking assistance control module

- F350 - Spiral spring
- J446 - Parking aid control module  
- J453 - Multifunction steering wheel control module, in the steering wheel 
- J527 - Steering column electronics control module 
- J791 - Parallel parking assistance control module   

- T5k - 5-pin connector
- T6bl - 6-pin connector
- T10x - 10-pin connector
- T12k - 12-pin connector
- T16h - 16-pin connector
- T16m - 16-pin connector
- T16r - 16-pin connector
- T20d - 20-pin connector

- B383 - Powertrain CAN bus high connection 1 (in main wiring harness)
- B390 - Powertrain CAN bus low connection 1 (in main wiring harness)
- B397 - Comfort system CAN bus high connection 1 (in main wiring harness)
- B406 - Comfort system CAN bus low connection 1 (in main wiring harness)

- * - from May 2010
- *2 - through April 2010

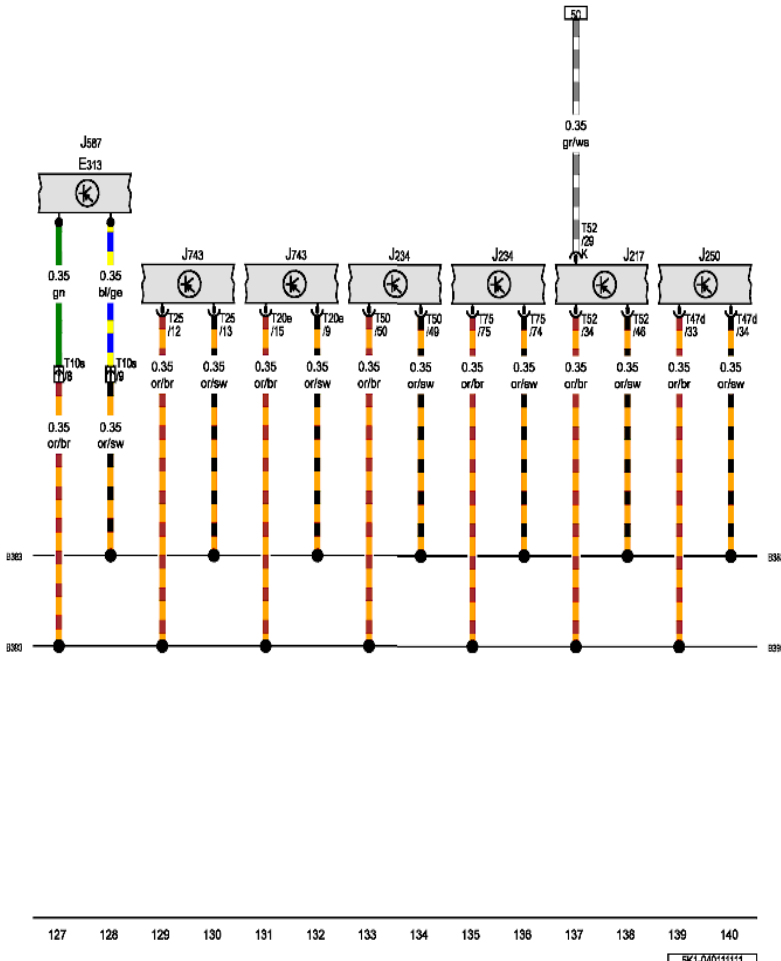


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

Golf

Wiring Diagram

No. 40 / 11



Selector lever, Transmission control module, Airbag control module, Electronic damping control module, Selector lever sensor system control module, DSG transmission Mechatronic

- E313 - Selector lever
- J217 - Transmission control module
- J234 - Airbag control module
- J250 - Electronic damping control module
- J587 - Selector lever sensor system control module
- J743- DSG transmission Mechatronic
- T10s - 10-pin connector, under the selector lever
- T20e - 20-pin connector
- T25 - 25-pin connector
- T47d - 47-pin connector
- T50 - 50-pin connector
- T52 - 52-pin connector
- T75 - 75-pin connector
- B383 - Powertrain CAN bus high connection 1 (in main wiring harness)
- B390 - Powertrain CAN bus low connection 1 (in main wiring harness)



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink


Golf

Wiring Diagram

No. 40 / 12

ABS control module,
 Engine control module, Driver assistance systems front camera, Automatic dimming interior rearview mirror

J104- ABS control module  

J623 - Engine control module 

R242 - Driver assistance systems front camera

T8ak - 8-pin connector

T26a - 26-pin connector

T47c - 47-pin connector

T80 - 80-pin connector

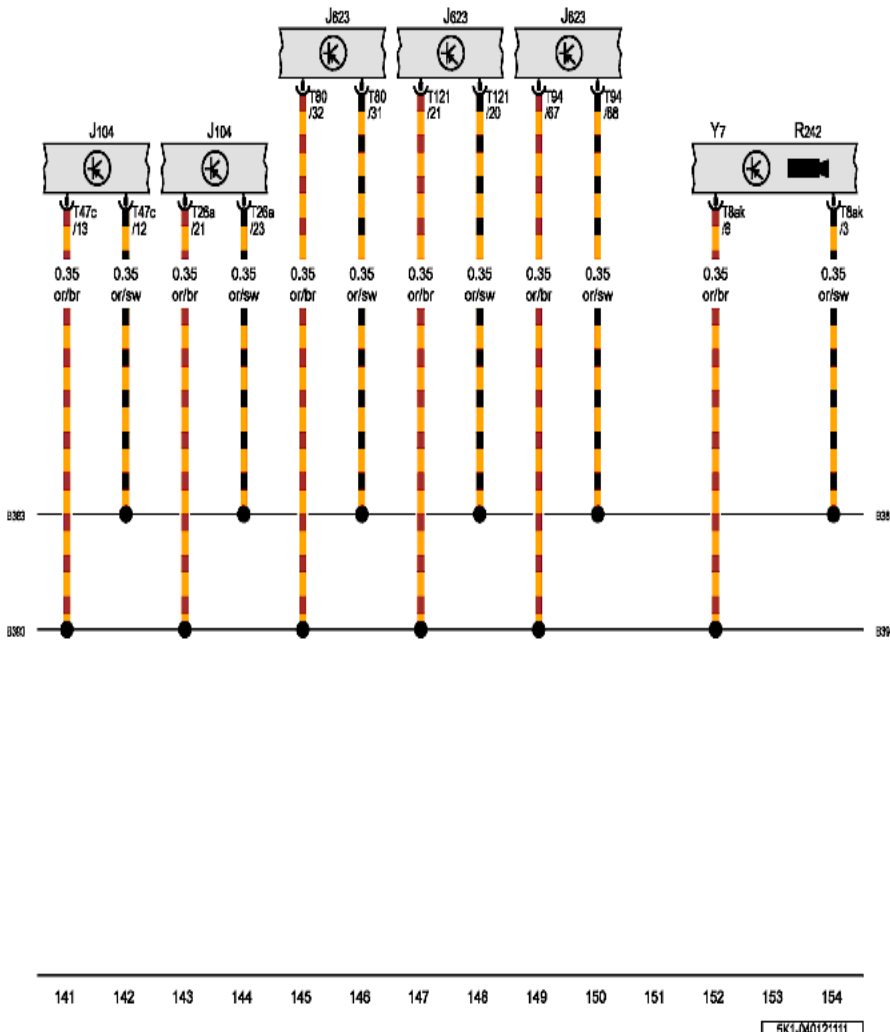
T94 - 94-pin connector

T121 - 121-pin connector

Y7 - Automatic dimming interior rearview mirror

B383 - Powertrain CAN bus high connection 1 (in main wiring harness)

B390 - Powertrain CAN bus low connection 1 (in main wiring harness)



Golf

Wiring Diagram

No. 40 / 13

Power steering control module, Left headlamp power output stage, Right headlamp power output stage, Cornering lamp and headlamp range control module, Structure borne sound control module

J500- Power steering control module

J667 - Left headlamp power output stage

J668 - Right headlamp power output stage

J745 - Cornering lamp and headlamp range control module

J869 - Structure borne sound control module

T3bq - 3-pin connector

T6z - 6-pin connector, near the left headlamp

T12x - 12-pin connector

T14e - 14-pin connector, on the left headlamp

T14f - 14-pin connector, on the right headlamp

T24a - 24-pin connector

T24b - 24-pin connector

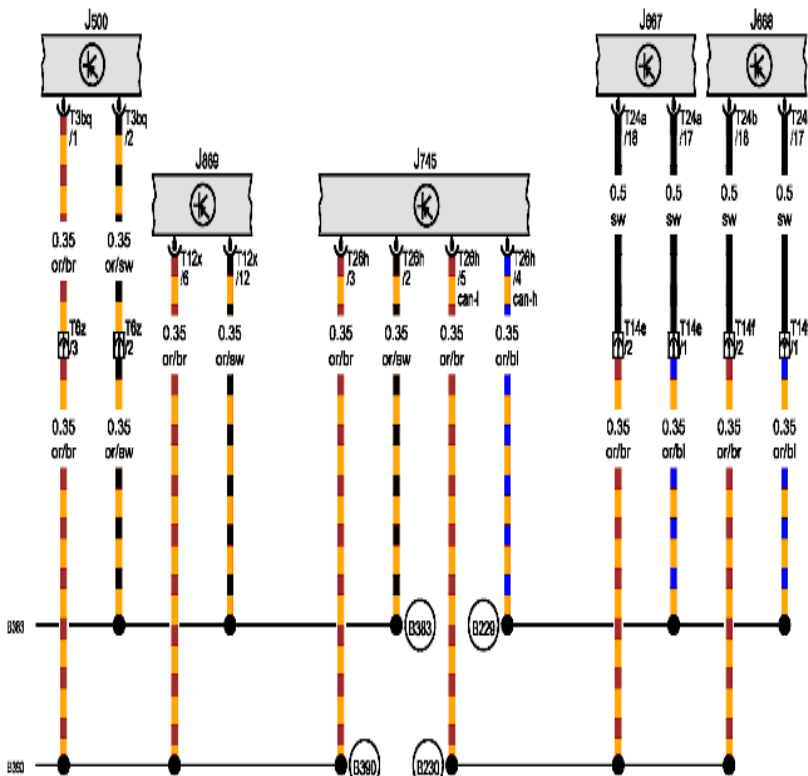
T26h - 26-pin connector

B229 - High bus connection (in interior wiring harness)

B230 - Low bus connection (in interior wiring harness)

B383 - Powertrain CAN bus high connection 1 (in main wiring harness)

B390 - Powertrain CAN bus low connection 1 (in main wiring harness)



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

harness)

Golf

Wiring Diagram

No. 22 / 1

01.2010

Electronic Damping

from July 2008

Note:

Information for

- ◆ Relay and fuse arrangements
- ◆ Connector arrangements
- ◆ Control Modules and Relays
- ◆ Ground connections

→ Component Locations

Information for

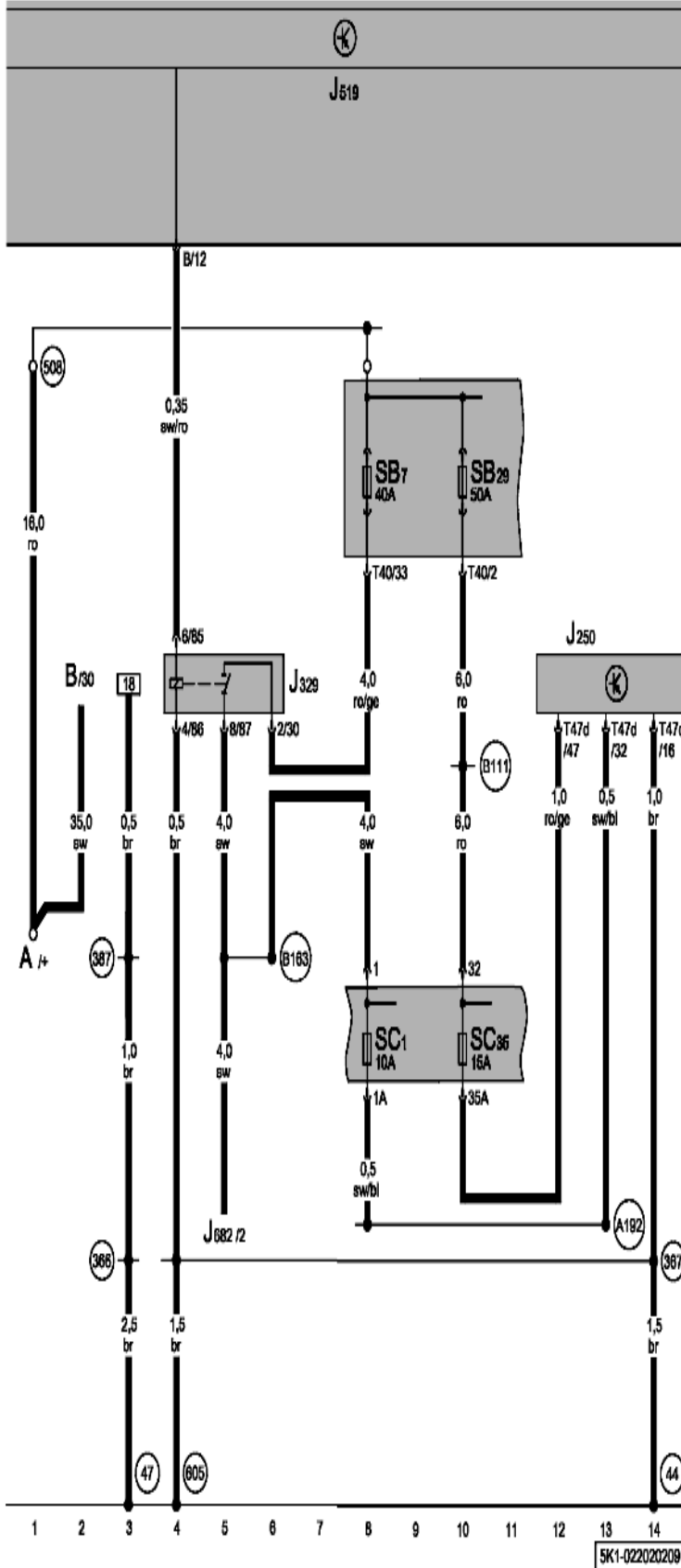
- ◆ Troubleshooting Procedures

→ Guided Fault Finding using VAS 5051 / 5052

Golf

Wiring Diagram


No. 22 / 2



Electronic Damping Control Module, Power Supply Relay (terminal 15)

- A - Battery
- B - Starter
- J250 - Electronic Damping Control Module, in right rear side panel
- J329 - Power Supply Relay (terminal 15) (53)
- J519 - Vehicle Electrical System Control Module
- J682 - Power Supply Relay (terminal 50)
- SB7 - Fuse 7 (on fuse panel B)
- SB29 - Fuse 29 (on fuse panel B)
- SC1 - Fuse 1 (on fuse panel C)
- SC35 - Fuse 35 (on fuse panel C)
- T40 - 40-Pin Connector
- T47d - 47-Pin Connector
- 44 - Ground Connection (on left lower A-pillar)
- 47 - Ground Connection (in front right footwell)
- 366 - Ground Connection 1 (in main wiring harness)
- 367 - Ground Connection 2 (in main wiring harness)
- 387 - Ground Connection 22 (in main wiring harness)

5K1-022020209

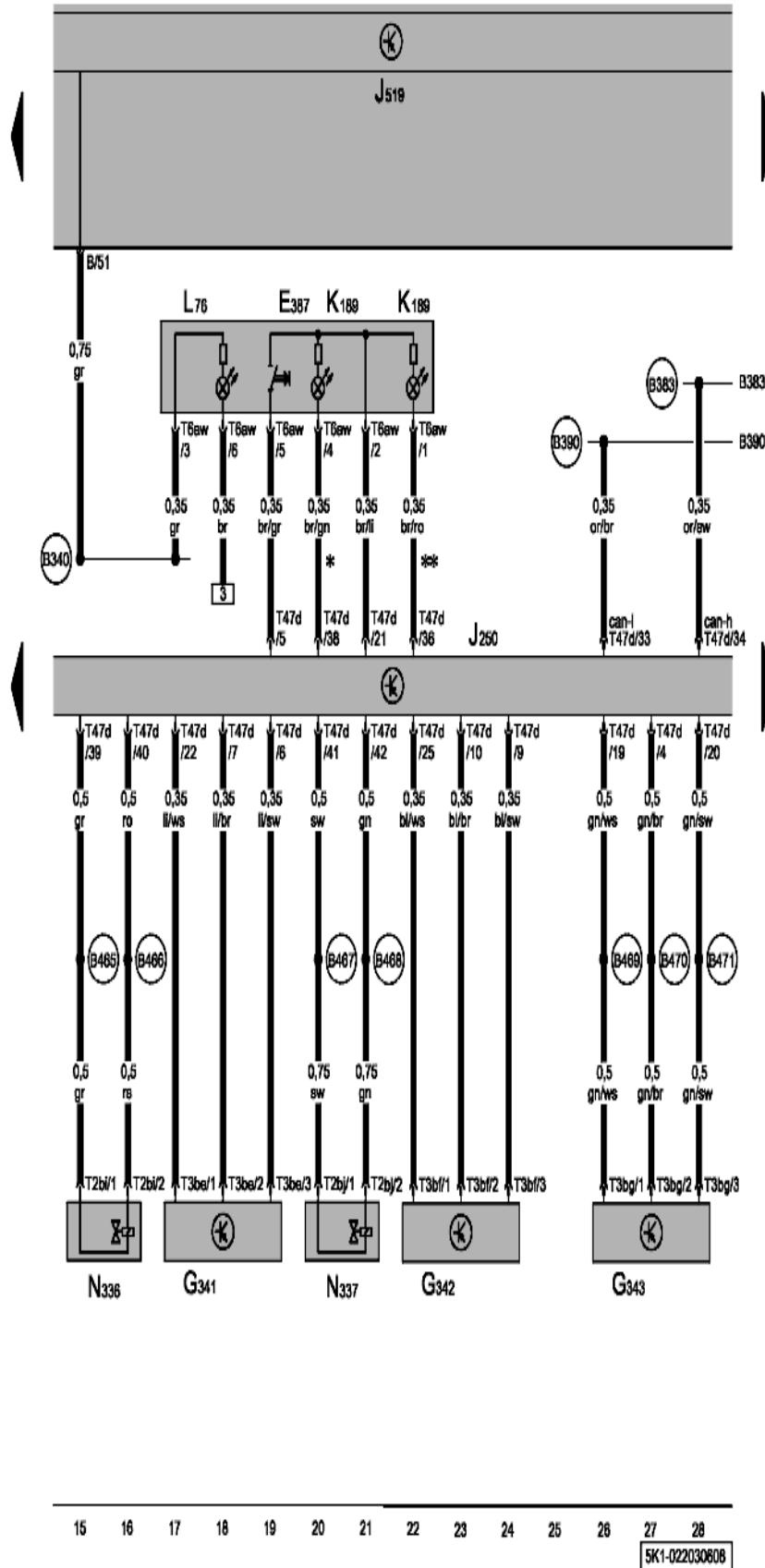
- 508 - Threaded Connection terminal 30 (on electronics box)
- 605 - Ground Connection (on upper steering column) 
- A192 - Plus Connection 3 (15a) (in instrument panel wiring harness)
- B163 - Plus Connection 1 (15) (in interior wiring harness)
- B111 - Plus Connection 1 (30a) (in interior wiring harness)
















ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

Golf

Wiring Diagram

No. 22 / 3



- Electronic Damping Control Module, Body Acceleration Sensor, Front Dampening Adjustment Valve**
- E387 - Dampening Adjustment Button  
- G341 - Left Front Body Acceleration Sensor  
- G342 - Right Front Body Acceleration Sensor  
- G343 - Rear Body Acceleration Sensor  
- J250- Electronic Damping Control Module, in right rear side panel   
- K189 - Dampening Adjustment Indicator Lamp
- N336 - Left Front Dampening Adjustment Valve  
- N337 - Right Front Dampening Adjustment Valve  
- T2bi - Double Connector
- T2bj - Double Connector
- T3be - 3-Pin Connector
- T3bf - 3-Pin Connector
- T3bg - 3-Pin Connector
- T6aw - 6-Pin Connector
- T47d - 47-Pin Connector
- B340 - Connection 1 (58d) (in main wiring harness)
- B465 - Connection 1 (in main wiring harness)
- Connection 2



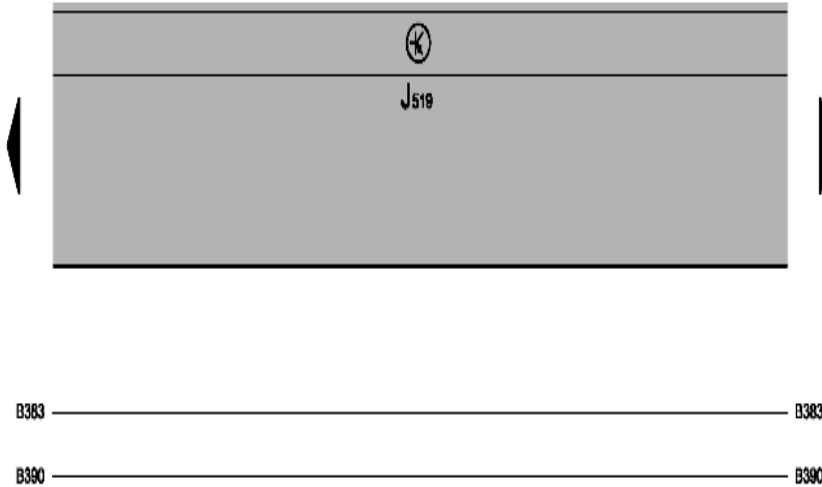
- B466 (in main wiring harness)
- B383 - Powertrain
CAN-Bus High
Connection 1
(in main wiring harness)
- B390 - Powertrain
CAN-Bus Low
Connection 1
(in main wiring harness)
- B467 - Connection 3
(in main wiring harness)
- B468 - Connection 4
(in main wiring harness)
- B469 - Connection 5
(in main wiring harness)
- B470 - Connection 6
(in main wiring harness)
- B471 - Connection 7
(in main wiring harness)
- * - Sport function
- ** - Comfort function

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink







Golf



Wiring Diagram

No. 22 / 4



Electronic Damping Control Module, Level Control System Sensor, Rear Dampening Adjustment Valve

- G76 - Left Rear Level Control System Sensor  
- G78 - Left Front Level Control System Sensor  
- G289 - Right Front Level Control System Sensor  

J250- Electronic Damping Control Module, in right rear side panel   

N338 - Left Rear Dampening Adjustment Valve  

N339 - Right Rear Dampening Adjustment Valve  

T2bk - Double Connector

T2bl - Double Connector

T4aq - 4-Pin Connector

T4ar - 4-Pin Connector

T4bp - 4-Pin Connector

T47d - 47-Pin Connector

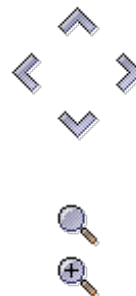
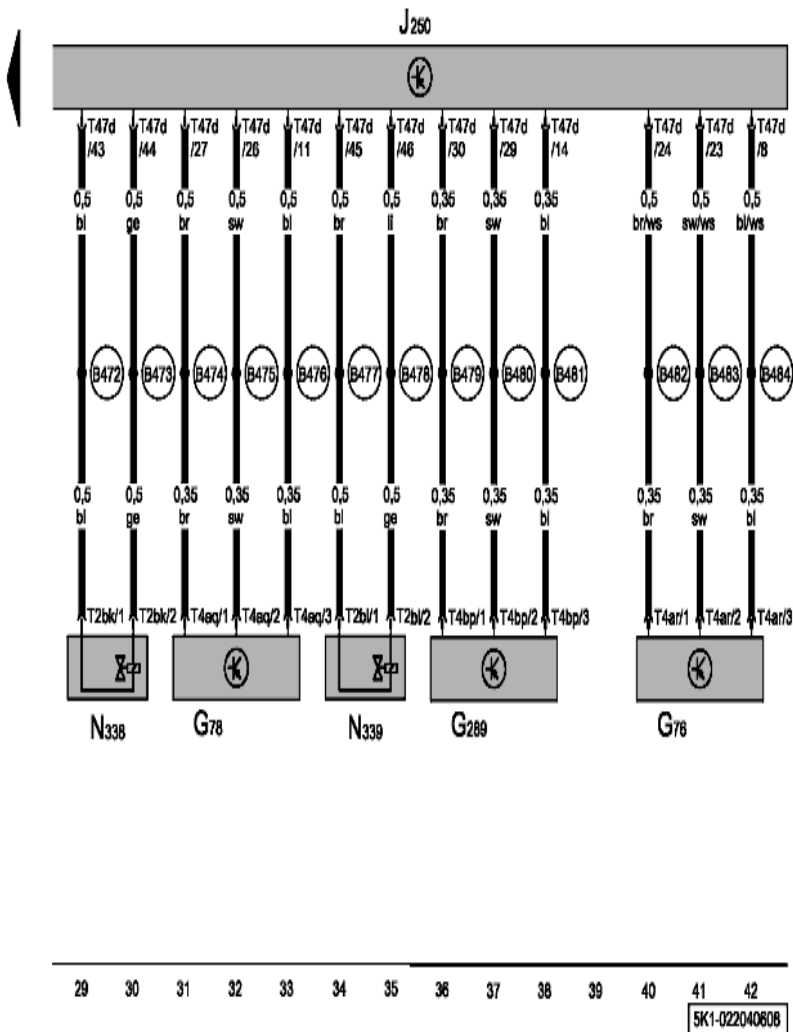
B472 - Connection 8 (in main wiring harness)

B473 - Connection 9 (in main wiring harness)

B474 - Connection 10 (in main wiring harness)

B475 - Connection 11 (in main wiring harness)

B476 - Connection 12 (in main wiring harness)





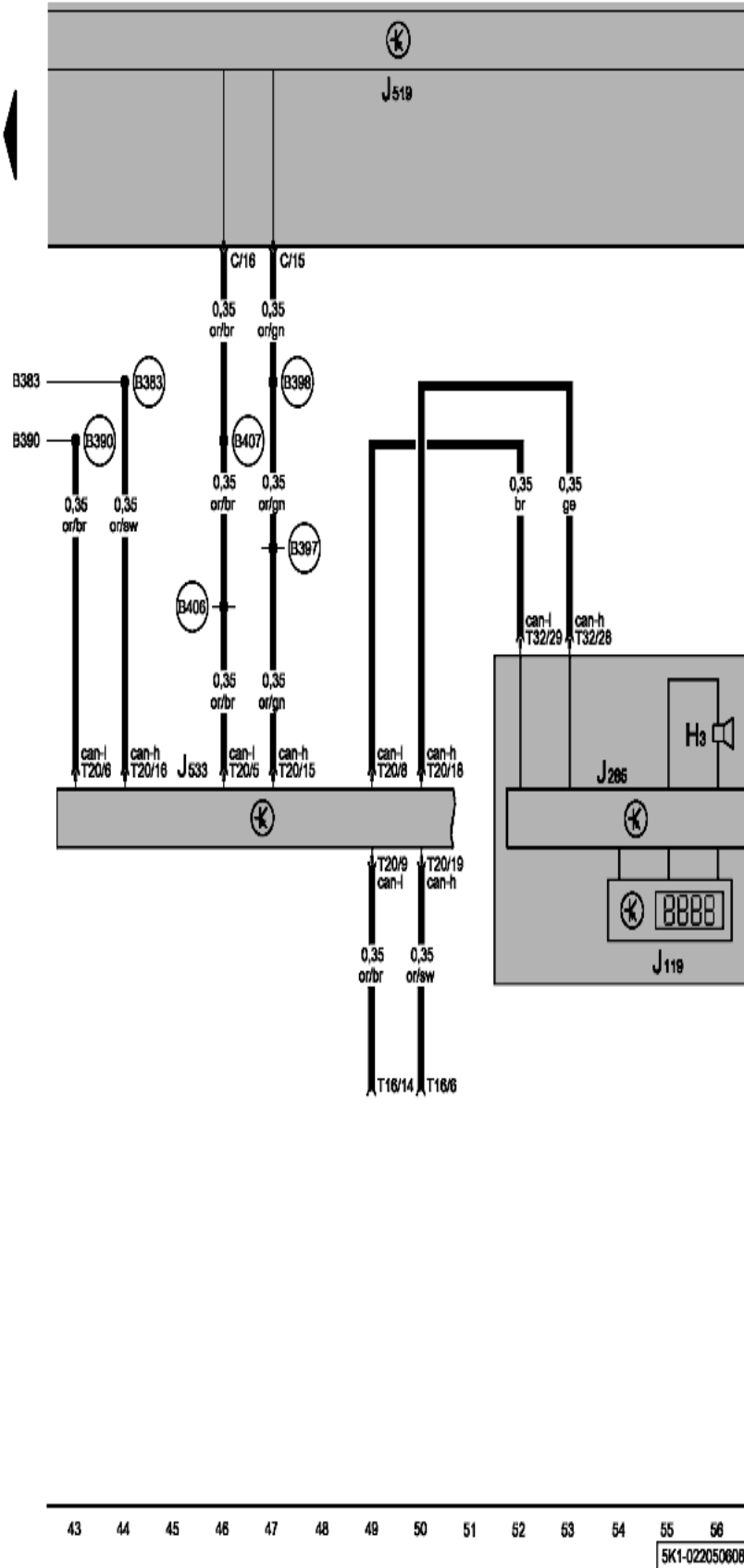
- B477 - Connection 13
(in main wiring harness)
- B478 - Connection 14
(in main wiring harness)
- B479 - Connection 15
(in main wiring harness)
- B480 - Connection 16
(in main wiring harness)
- B481 - Connection 17
(in main wiring harness)
- B482 - Connection 18
(in main wiring harness)
- B483 - Connection 19
(in main wiring harness)
- B484 - Connection 20
(in main wiring harness)

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

Golf

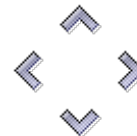
Wiring Diagram

No. 22 / 5



**Instrument Cluster,
Data Bus On Board
Diagnostic Interface,
Data Link Connector
(DLC)**

- H3 - Warning Buzzer
- J119 - Multi-function Indicator
- J285 - Instrument Cluster Control Module with display unit
- J519 - Vehicle Electrical System Control Module
- J533 - Data Bus On Board Diagnostic Interface, in left footwell, near center console
- T16 - 16-Pin Connector, under instrument panel, left, Data Link Connector (DLC)
- T20 - 20-Pin Connector
- T32 - 32-Pin Connector
- B383 - Powertrain CAN-Bus High Connection 1 (in main wiring harness)
- B390 - Powertrain CAN-Bus Low Connection 1 (in main wiring harness)
- B397 - Comfort System CAN-Bus





High
Connection 1
(in main
wiring
harness)
B398 - Comfort
System
CAN-Bus
High
Connection 2
(in main
wiring
harness)
B406 - Comfort
System
CAN-Bus
Low
Connection 1
(in main
wiring
harness)
B407 - Comfort
System
CAN-Bus
Low
Connection 2
(in main
wiring
harness)

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

Golf

Wiring Diagram

No. 59 / 1

07.2012

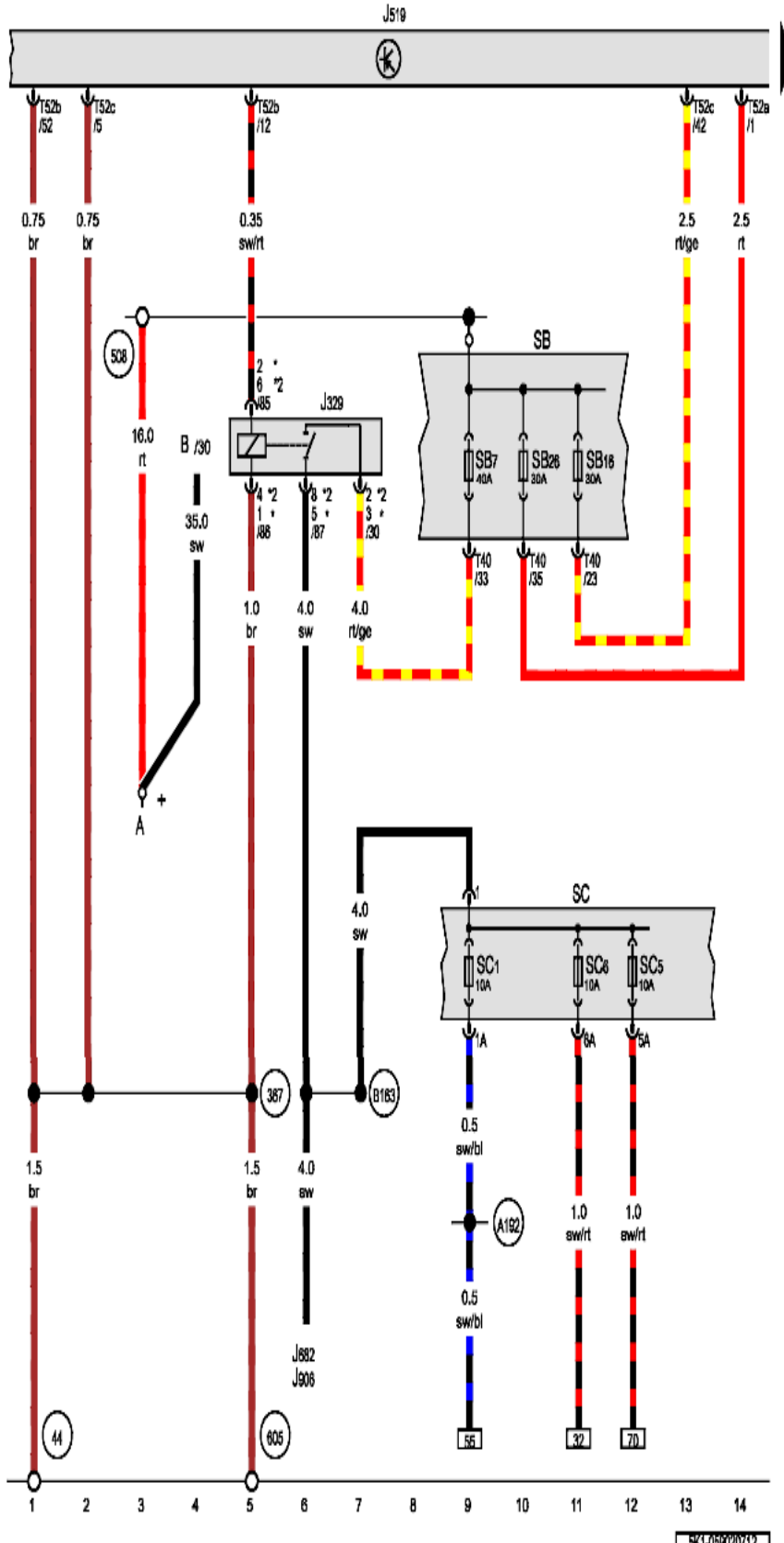
Headlamps, Bixenon HID with automatic headlamp range control and cornering lamp

from May 2009

Golf

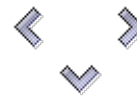
Wiring Diagram



No. 59 / 2



Terminal 15 power supply relay, Vehicle electrical system control module, Fuse panel B, Fuse panel C

- A - Battery
- B - Starter
- J329 - Terminal 15 power supply relay
- J519 - Vehicle electrical system control module
- J682 - Terminal 50 power supply relay
- J906 - Starter relay 1
- SB - Fuse panel B
- SC - Fuse panel C
- SC1 - Fuse 1 (on fuse panel C)
- SC5 - Fuse 5 (on fuse panel C)
- SC6 - Fuse 6 (on fuse panel C)
- SB7 - Fuse 7 (on fuse panel B)
- SB16 - Fuse 16 (on fuse panel B)
- SB26 - Fuse 26 (on fuse panel B)
- T40 - 40-pin connector
- T52a - 52-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- 44 - Ground connection on A-pillar, lower left



- left 
- 367 - Ground connection 2 (in main wiring harness)
- 508 - Terminal 30 threaded connection (on E-box)
- 605 - Ground connection on upper steering column 
- A192 - Positive connection 3 (15a) (in instrument panel wiring harness)
- B163 - Positive connection 1 (15) (in interior wiring harness)
- * - from November 2009
- *2 - Through October 2009

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

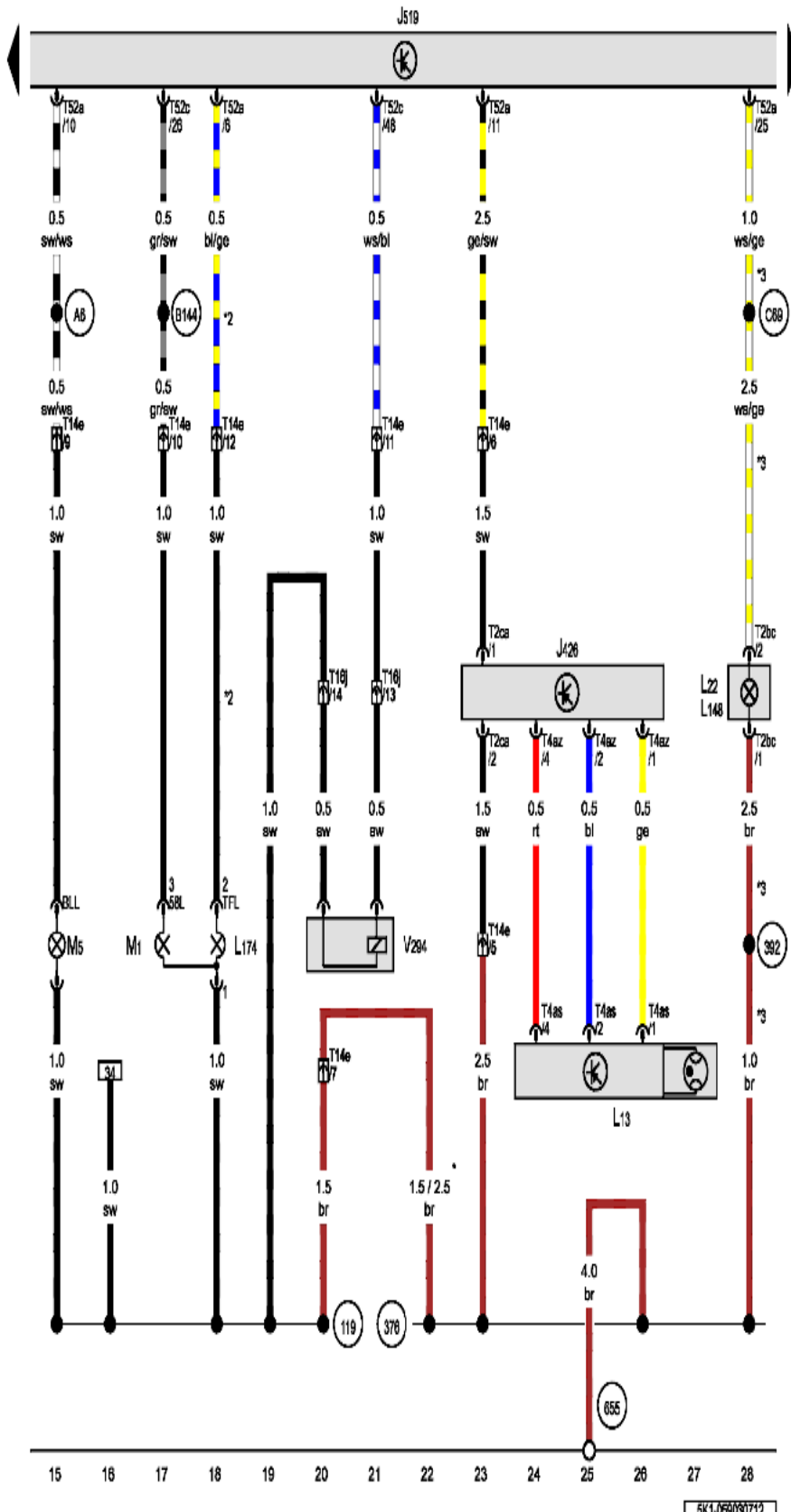
Golf


Wiring Diagram

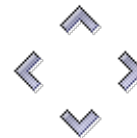
No. 59 / 3

Left HID lamp ballast, Vehicle electrical system control module, Left HID headlamp bulb, Left front fog lamp bulb, Left cornering lamp bulb, Left daytime running lamp bulb, Left side marker lamp bulb, Left front turn signal bulb, Left low beam headlamp reflector motor

- J426 - Left HID lamp ballast, on the left headlamp
- J519 - Vehicle electrical system control module
- L13 - Left HID headlamp bulb
- L22 - Left front fog lamp bulb
- L148 - Left cornering lamp bulb
- L174 - Left daytime running lamp bulb
- M1 - Left side marker lamp bulb
- M5 - Left front turn signal bulb
- T2bc - Double connector
- T2ca - Double connector
- T4as - 4-pin connector
- T4az - 4-pin connector
- T14e - 14-pin connector, on the left headlamp
- T16j - 16-pin connector, under the instrument



- panel, left
- T52a - 52-pin connector
- T52c - 52-pin connector
- V294 - Left low beam headlamp reflector motor
- 119 - Ground connection 1 (in headlamp wiring harness)
- 376 - Ground connection 11 (in main wiring harness)
- 392 - Ground connection 27 (in main wiring harness)
- 655 - Ground connection on left headlamp 
- A6 - Left turn signal positive connection (in instrument panel wiring harness)
- B144 - Positive connection (58L) (in interior wiring harness)
- C69 - Fog lamp connection (in left front wiring harness)
- * - from November 2009
- *2 - Only for vehicles with daytime running lamps
- *3 - Only for vehicles with fog lamps

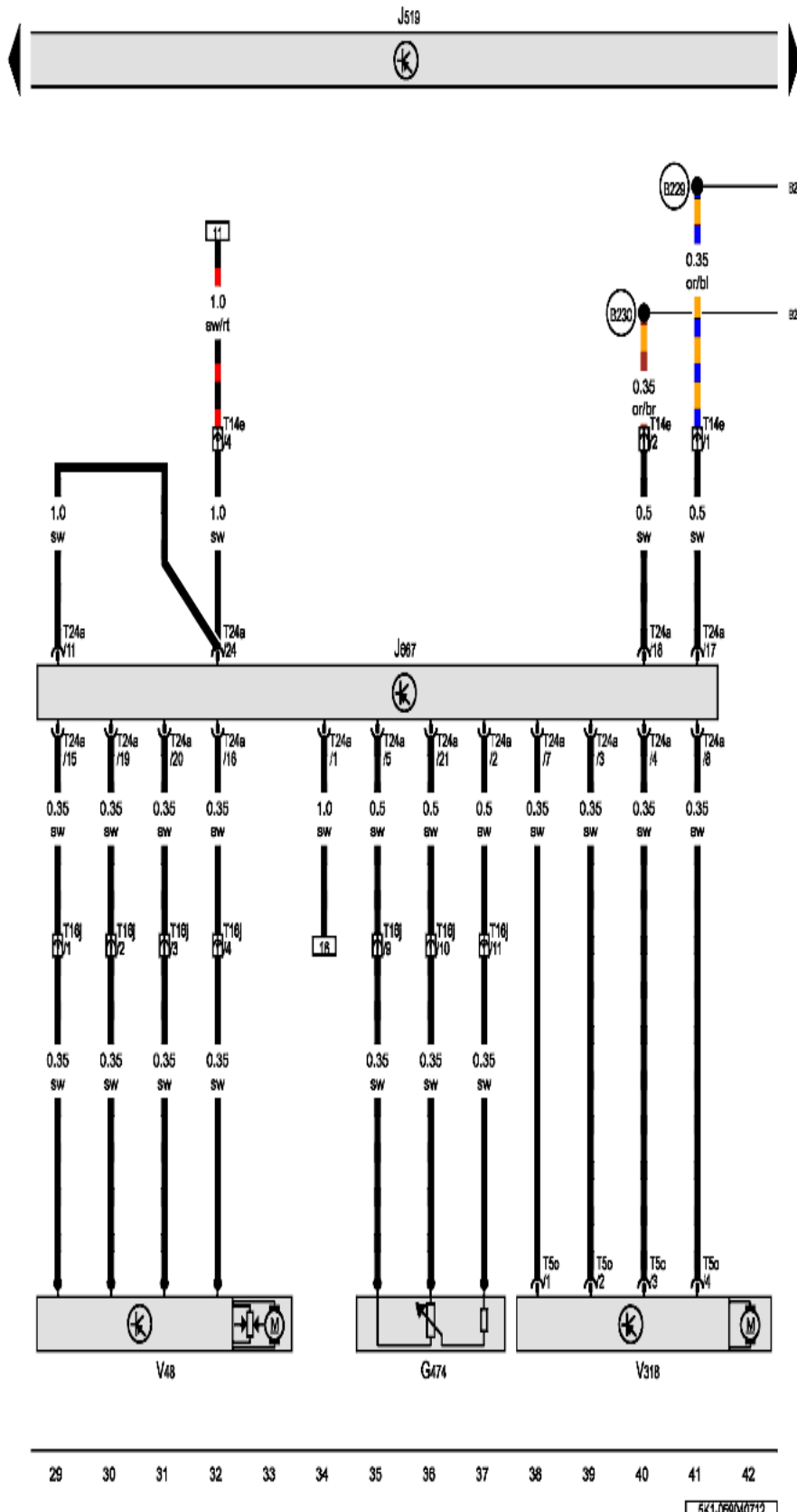


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 59 / 4



Left swivel module position sensor, Vehicle electrical system control module, Left headlamp power output stage, Left headlamp beam adjustment motor, Left adaptive cornering lamp motor

- G474 - Left swivel module position sensor
- J519 - Vehicle electrical system control module
- J667 - Left headlamp power output stage, on the left headlamp
- T5o - 5-pin connector
- T14e - 14-pin connector, on the left headlamp
- T16j - 16-pin connector, under the instrument panel, left
- T24a - 24-pin connector
- V48 - Left headlamp beam adjustment motor
- V318 - Left adaptive cornering lamp motor
- B228 - High bus connection (in interior wiring harness)
- B230 - Low bus connection (in interior wiring)

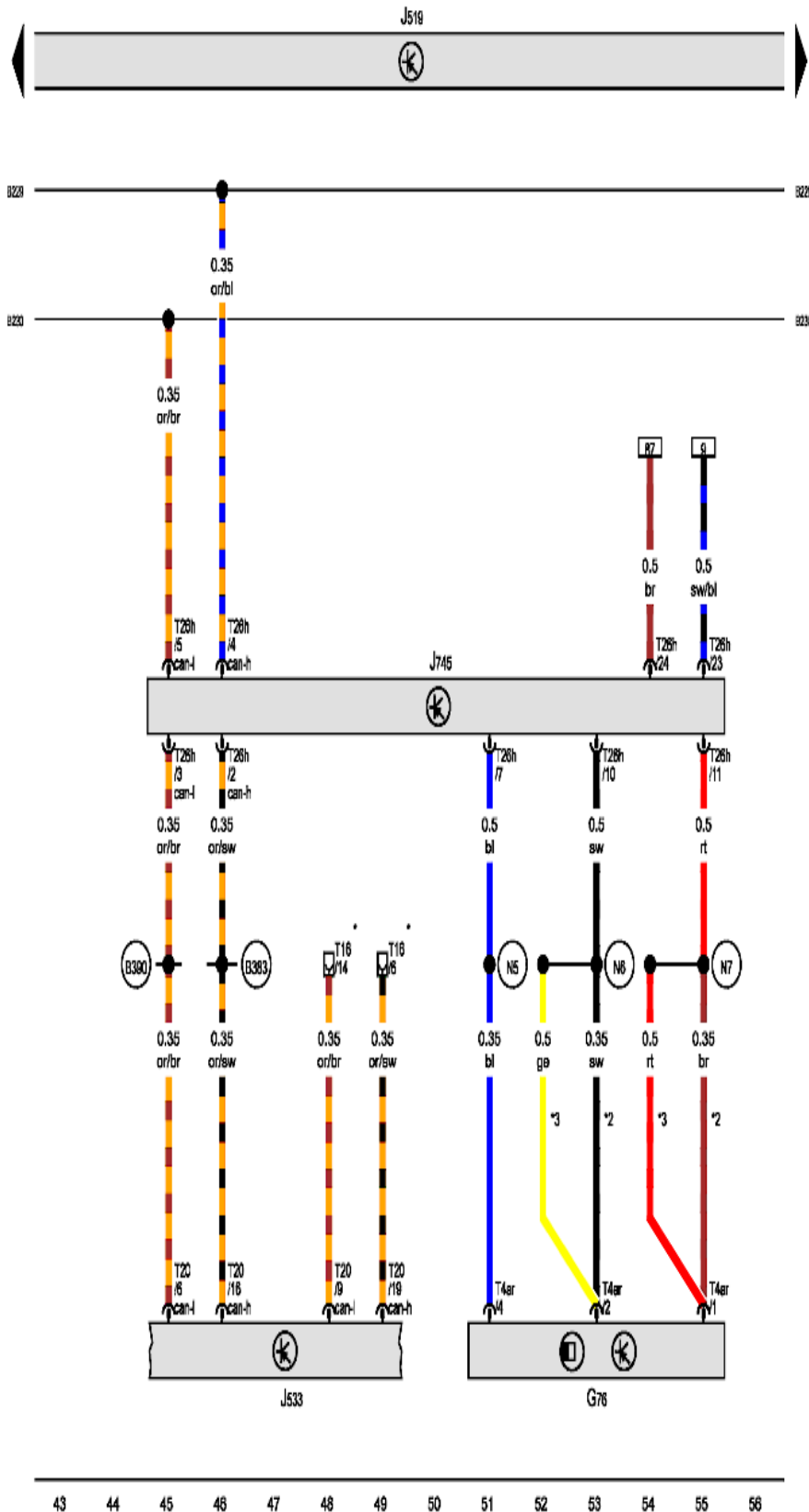
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

harness)

Golf

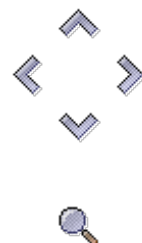
Wiring Diagram

No. 59 / 5



Left rear level control system sensor, Vehicle electrical system control module, Data bus on board diagnostic interface, Cornering lamp and headlamp range control module

- G76 - Left rear level control system sensor
- J519 - Vehicle electrical system control module
- J533 - Data bus on board diagnostic interface, in the left footwell, near the center console
- J745- Cornering lamp and headlamp range control module, on the right glove compartment
- T4ar - 4-pin connector
- T16 - 16-pin connector, under the instrument panel, left
- T20 - 20-pin connector
- T26h - 26-pin connector
- B229 - High bus connection (in interior wiring harness)
- B230 - Low bus connection (in interior wiring harness)
- B383 - Powertrain CAN bus high connection 1 (in main wiring harness)
- B390 - Powertrain CAN bus low





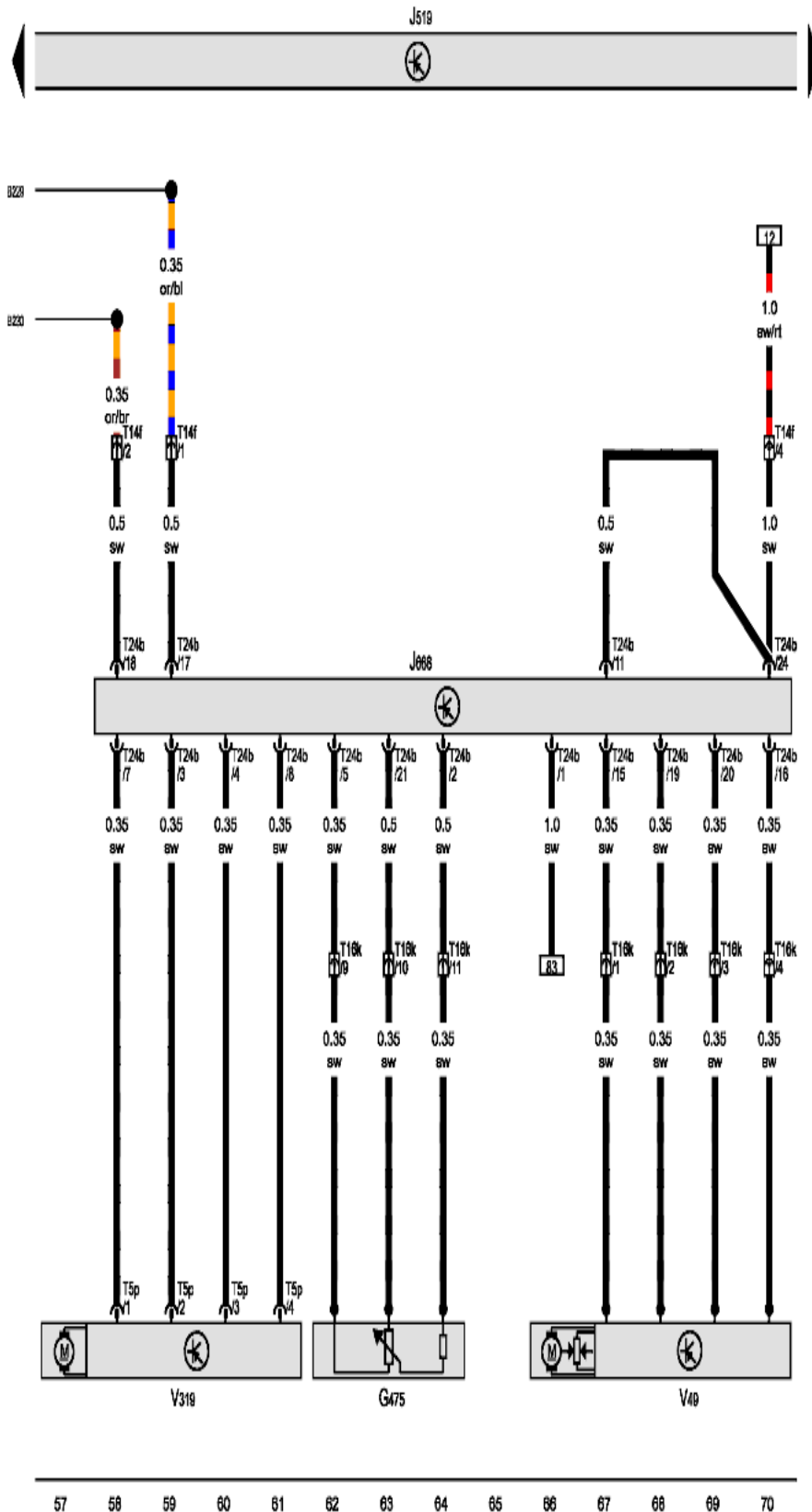
- connection 1
(in main wiring harness)
- N5 - Connection 4
(in headlamp range control wiring harness)
- N6 - Connection 5
(in headlamp range control wiring harness)
- N7 - Connection 6
(in headlamp range control wiring harness)
- * - Diagnostic connector
- *2 - Only for vehicles without all wheel drive
- *3 - Only for vehicles with all wheel drive

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 59 / 6



Right swivel module position sensor, Vehicle electrical system control module, Right headlamp power output stage, Right headlamp beam adjustment motor, Right adaptive cornering lamp motor

- G475 - Right swivel module position sensor
- J519 - Vehicle electrical system control module
- J668 - Right headlamp power output stage, on the right headlamp
- T5p - 5-pin connector
- T14f - 14-pin connector, on the right headlamp
- T16k - 16-pin connector, in the right headlamp, black
- T24b - 24-pin connector
- V49 - Right headlamp beam adjustment motor
- V319 - Right adaptive cornering lamp motor
- B229 - High bus connection (in interior wiring harness)
- B230 - Low bus connection (in interior

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

wiring
harness)

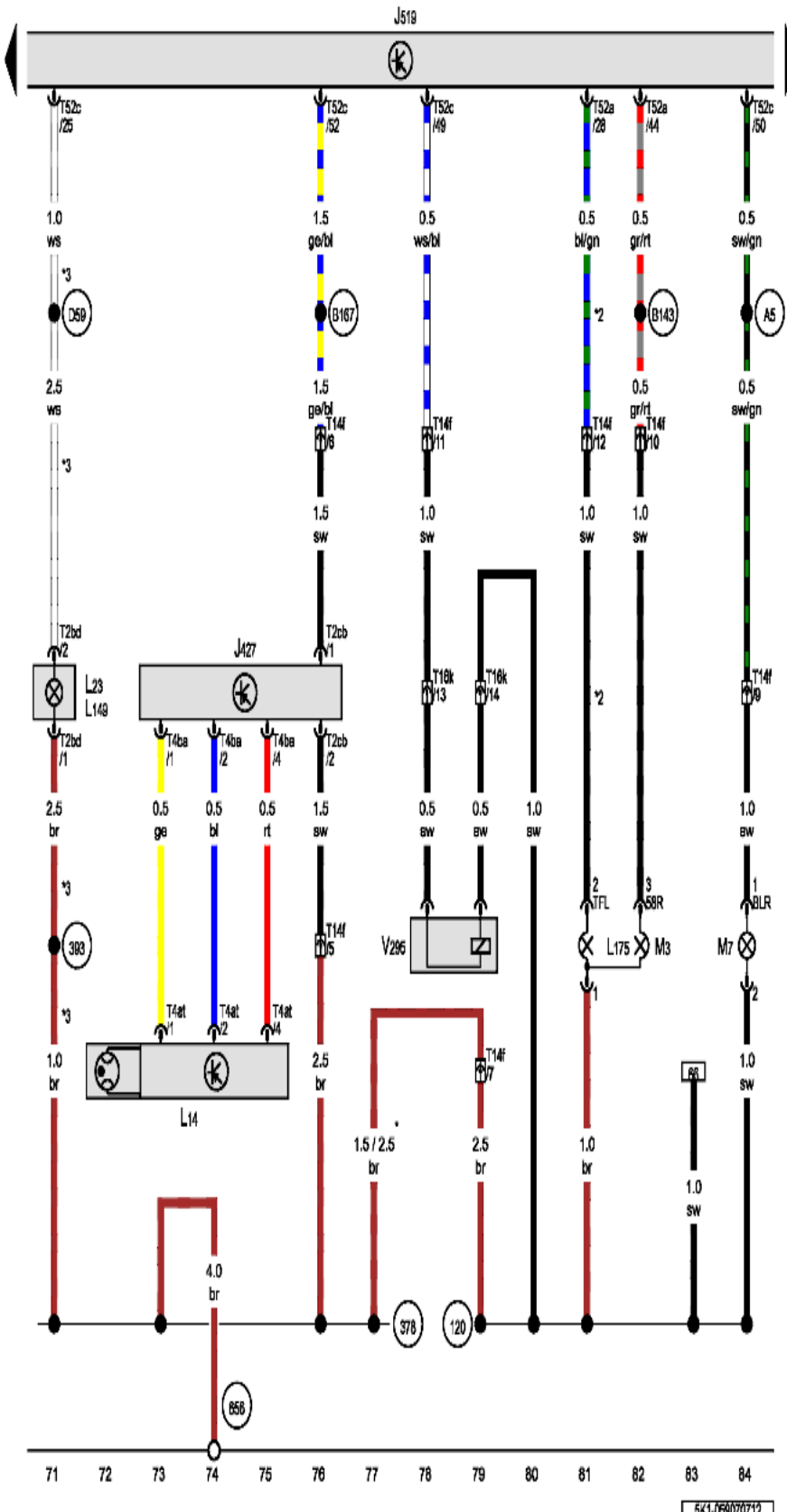
Golf


Wiring Diagram

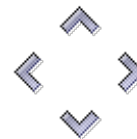
No. 59 / 7

Right HID lamp ballast, Vehicle electrical system control module, Right HID headlamp bulb, Right front fog lamp bulb, Right cornering lamp bulb, Right daytime running lamp bulb, Right front turn signal bulb, Right low beam headlamp reflector motor

- J427 - Right HID lamp ballast
- J519 - Vehicle electrical system control module
- L14 - Right HID headlamp bulb
- L23 - Right front fog lamp bulb
- L149 - Right cornering lamp bulb
- L175 - Right daytime running lamp bulb
- M3 - Right side marker lamp bulb
- M7 - Right front turn signal bulb
- T2bd - Double connector
- T2cb - Double connector
- T4at - 4-pin connector
- T4ba - 4-pin connector
- T14f - 14-pin connector, on the right headlamp
- T16k - 16-pin connector, in the right headlamp, black



- T52a - 52-pin connector
- T52c - 52-pin connector
- V295 - Right low beam headlamp reflector motor
- 120 - Ground connection 2 (in headlamp wiring harness)
- 378 - Ground connection 13 (in main wiring harness)
- 393 - Ground connection 28 (in main wiring harness)
- 656 - Ground connection on right headlamp 
- A5 - Right turn signal positive connection (in instrument panel wiring harness)
- B143 - Positive connection (58R) (in interior wiring harness)
- B167 - Connection 56b (in interior wiring harness)
- D59 - Fog lamp connection (in engine compartment wiring harness)
- * - from November 2009
- *2 - Only for vehicles with daytime running lamps



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink








*3 - Only for
vehicles with
fog lamps

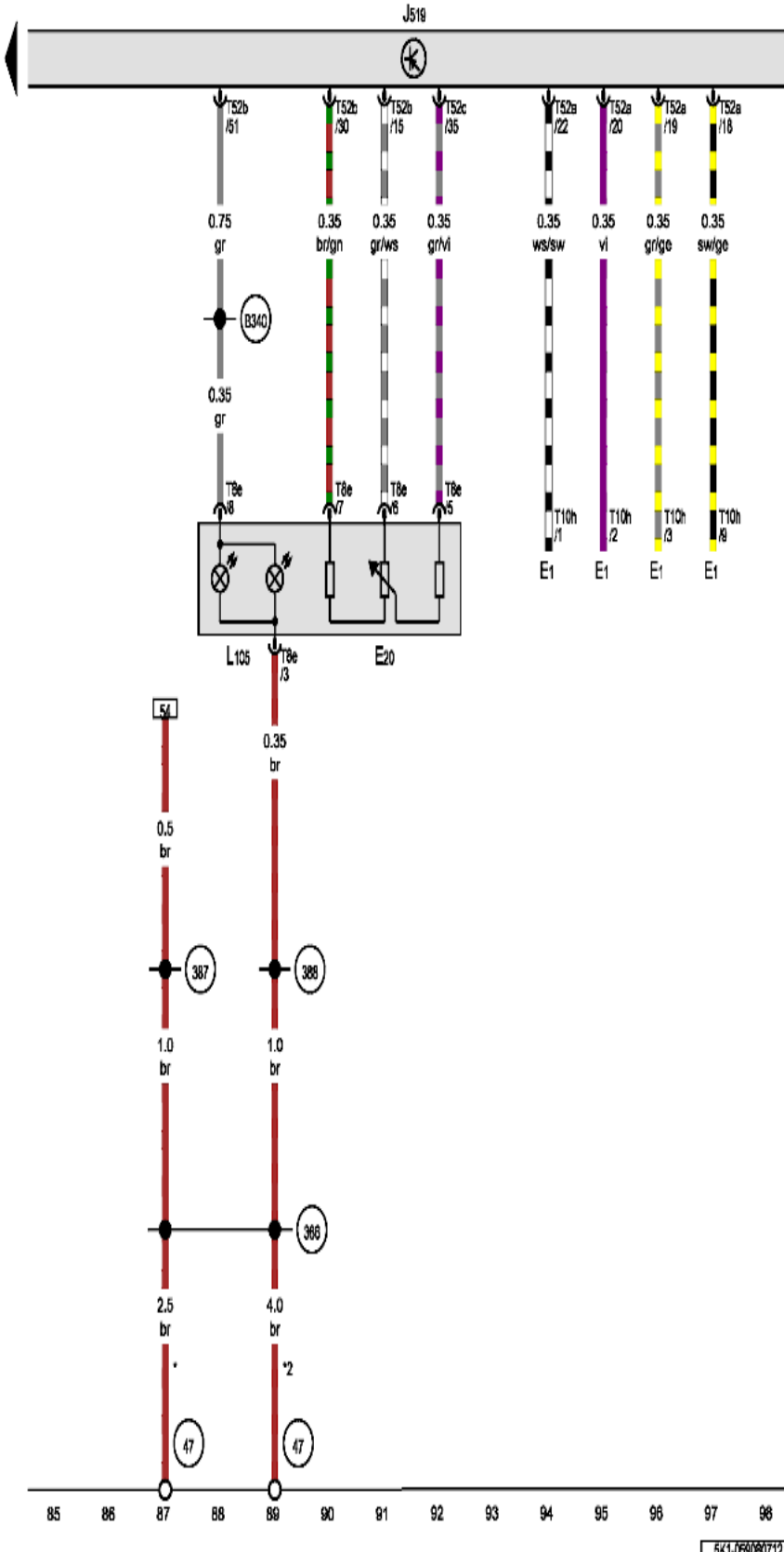
Golf

Wiring Diagram

No. 59 / 8

Instrument panel and switch illumination dimmer switch, Vehicle electrical system control module

- E1 - Light switch
- E20 - Instrument panel and switch illumination dimmer switch
- J519 - Vehicle electrical system control module 
- L105 - Lighting control illumination bulb 
- T8e - 8-pin connector
- T10h - 10-pin connector
- T52a - 52-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- 47 - Ground connection in right front footwell 
- 366 - Ground connection 1 (in main wiring harness) 
- 387 - Ground connection 22 (in main wiring harness) 
- 388 - Ground connection 23 (in main wiring harness) 
- B340 - Connection 58d (in main wiring harness) 1 
- * - Only for vehicles



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac

ge = yellow
or = orange
rs = pink

*2

without
Start/Stop
system
- Only for
vehicles with
Start/Stop
system

Golf

Wiring Diagram

No. 145 / 1

07.2012

Headlamp (HID) with range control, cornering lamp, LED daytime running lamps, (8G0)

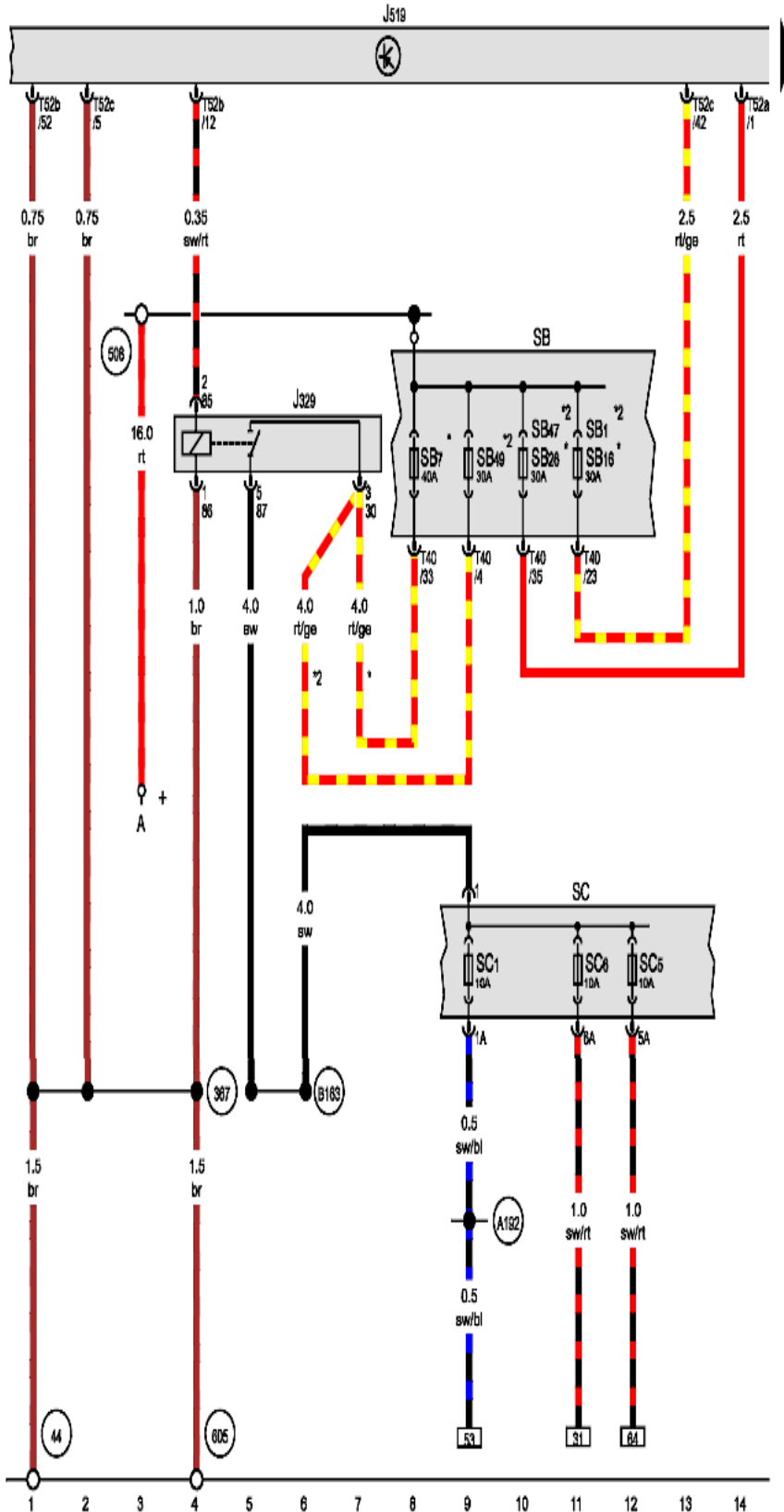
from May 2011

Golf

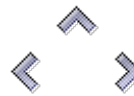
Wiring Diagram







No. 145 / 2

Terminal 15 power supply relay, Vehicle electrical system control module, Fuse panel B, Fuse panel C



- A - Battery
- J329 - Terminal 15 power supply relay
- J519 - Vehicle electrical system control module
- SB - Fuse panel B
- SC1 - Fuse 1 (on fuse panel C)
- SB1 - Fuse 1 (on fuse panel B)
- SC5 - Fuse 5 (on fuse panel C)
- SC6 - Fuse 6 (on fuse panel C)
- SB7 - Fuse 7 (on fuse panel B)
- SB16 - Fuse 16 (on fuse panel B)
- SB26 - Fuse 26 (on fuse panel B)
- SB47 - Fuse 47 (on fuse panel B)
- SB49 - Fuse 49 (on fuse panel B)
- SC - Fuse panel C
- T40 - 40-pin connector
- T52a - 52-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector



- 44  - Ground connection on A-pillar, lower left 
- 367  - Ground connection 2 (in main wiring harness)
- 508  - Terminal 30 threaded connection (on E-box)
- 605  - Ground connection on upper steering column 
- A192 - Positive connection 3 (15a) (in instrument panel wiring harness)
- B163 - Positive connection 1 (15) (in interior wiring harness)
- * - E-Box low
- *2 - E-Box high

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

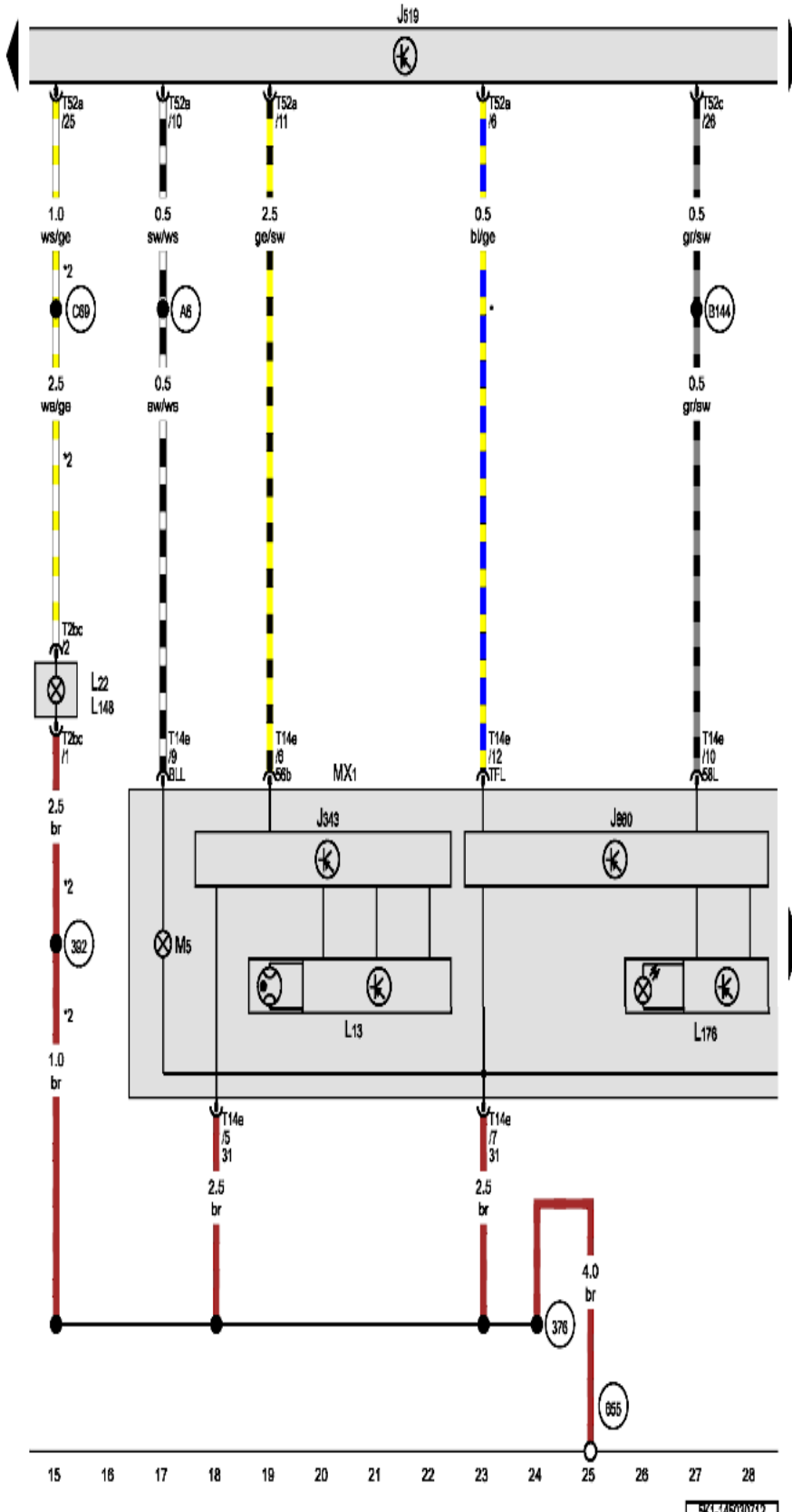
Golf


Wiring Diagram

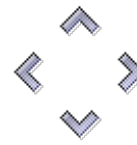
No. 145 / 3

Left HID headlamp control module, Vehicle electrical system control module, Left HID headlamp bulb, Left front fog lamp bulb, Left cornering lamp bulb, Left daytime running lamp and parking lamp LED module, Left front turn signal bulb

- J343 - Left HID headlamp control module, on the left headlamp
- J519 - Vehicle electrical system control module
- J860 - Left daytime running lamp and parking lamp control module, on the left headlamp, in the left headlamp, in the left headlamp
- L13 - Left HID headlamp bulb
- L22 - Left front fog lamp bulb
- L148 - Left cornering lamp bulb
- L176 - Left daytime running lamp and parking lamp LED module
- MX1 - Left front headlamp
- M5 - Left front turn signal bulb
- T2bc - Double connector
- T14e - 14-pin connector



- T52a - 52-pin connector
- T52c - 52-pin connector
- 376 - Ground connection 11 (in main wiring harness)
- 392 - Ground connection 27 (in main wiring harness)
- 655 - Ground connection on left headlamp 
- A6 - Left turn signal positive connection (in instrument panel wiring harness)
- B144 - Positive connection (58L) (in interior wiring harness)
- C69 - Fog lamp connection (in left front wiring harness)
- * - Only for vehicles with daytime running lamps
- *2 - Only for vehicles with fog lamps




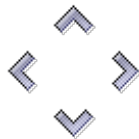

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

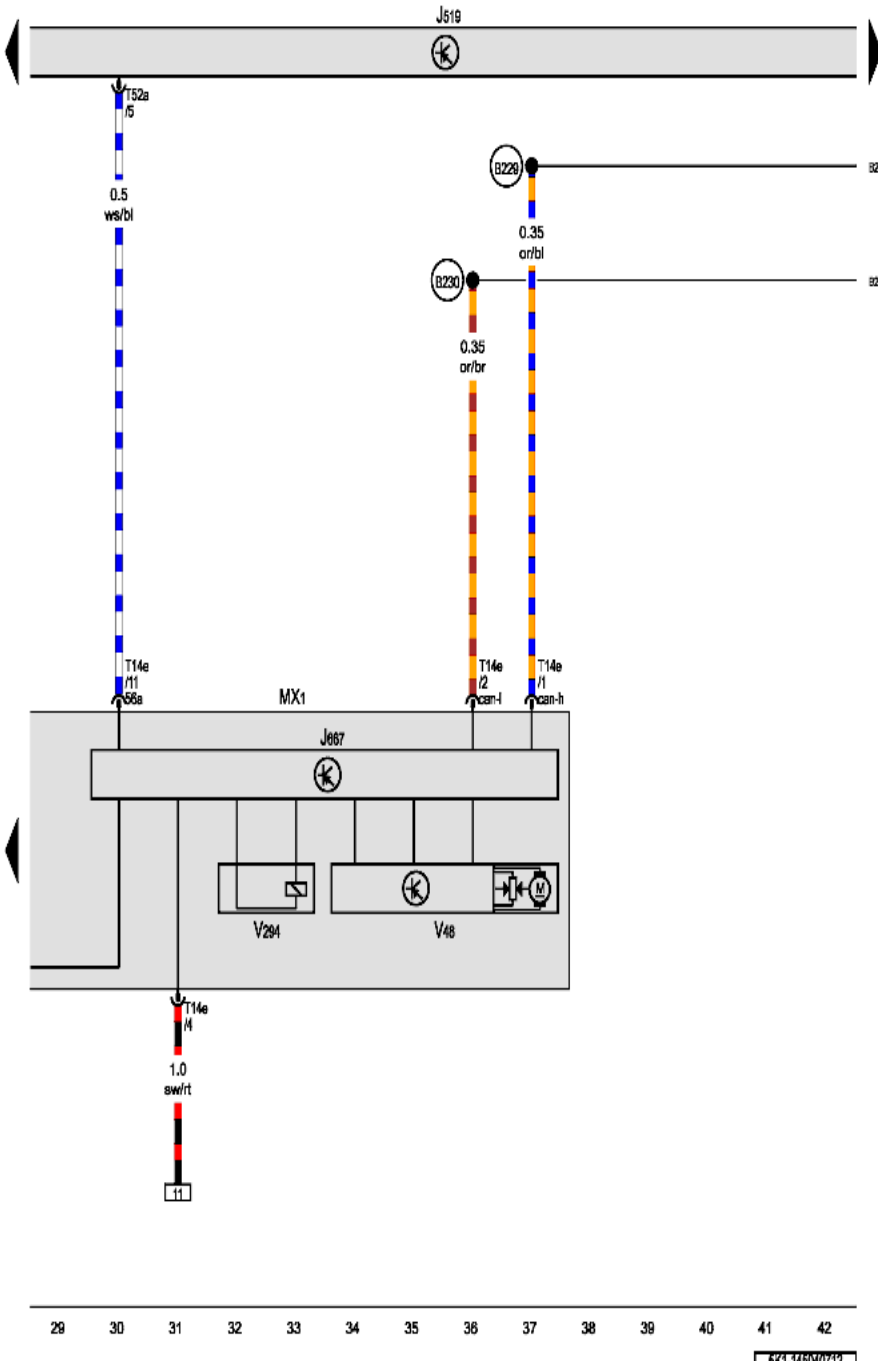
Golf

Wiring Diagram

No. 145 / 4

Vehicle electrical system control module, Left headlamp power output stage, Left headlamp beam adjustment motor, Left low beam headlamp reflector motor

- J519 - Vehicle electrical system control module 
- J667 - Left headlamp power output stage, on the left headlamp 
- MX1 - Left front headlamp 
- T14e - 14-pin connector
- T52a - 52-pin connector
- V48 - Left headlamp beam adjustment motor
- V294 - Left low beam headlamp reflector motor
- B229 - High bus connection (in interior wiring harness)
- B230 - Low bus connection (in interior wiring harness)








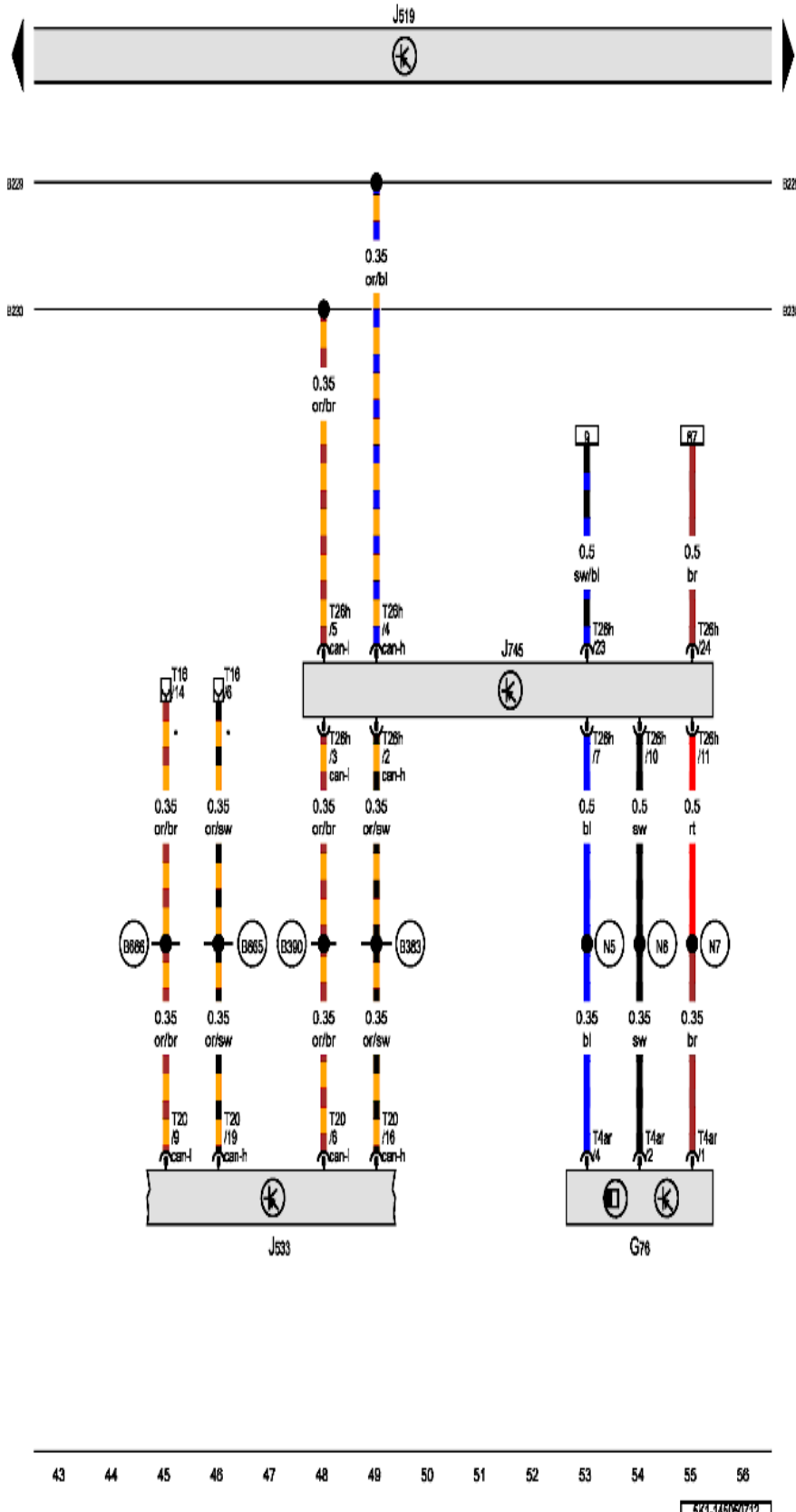
Golf

Wiring Diagram

No. 145 / 5

Left rear level control system sensor, Vehicle electrical system control module, Data bus on board diagnostic interface, Cornering lamp and headlamp range control module

- G76 - Left rear level control system sensor  
- J519 - Vehicle electrical system control module 
- J533 - Data bus on board diagnostic interface, in the left footwell, near the center console 
- J745- Cornering lamp and headlamp range control module, on the right glove compartment 
- T4ar - 4-pin connector
- T16 - 16-pin connector, under the instrument panel, left
- T20 - 20-pin connector
- T26h - 26-pin connector
- B229 - High bus connection (in interior wiring harness)
- B230 - Low bus connection (in interior wiring harness)
- B383 - Powertrain CAN bus high connection 1 (in main wiring harness)
- B390 - Powertrain CAN bus low





connection 1
(in main wiring harness)



B665

- CAN bus extended high connection 1 (in instrument panel wiring harness)



B666

- CAN bus extended low connection 1 (in instrument panel wiring harness)

N5

- Connection 4 (in headlamp range control wiring harness)

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

N6

- Connection 5 (in headlamp range control wiring harness)

N7

- Connection 6 (in headlamp range control wiring harness)

*

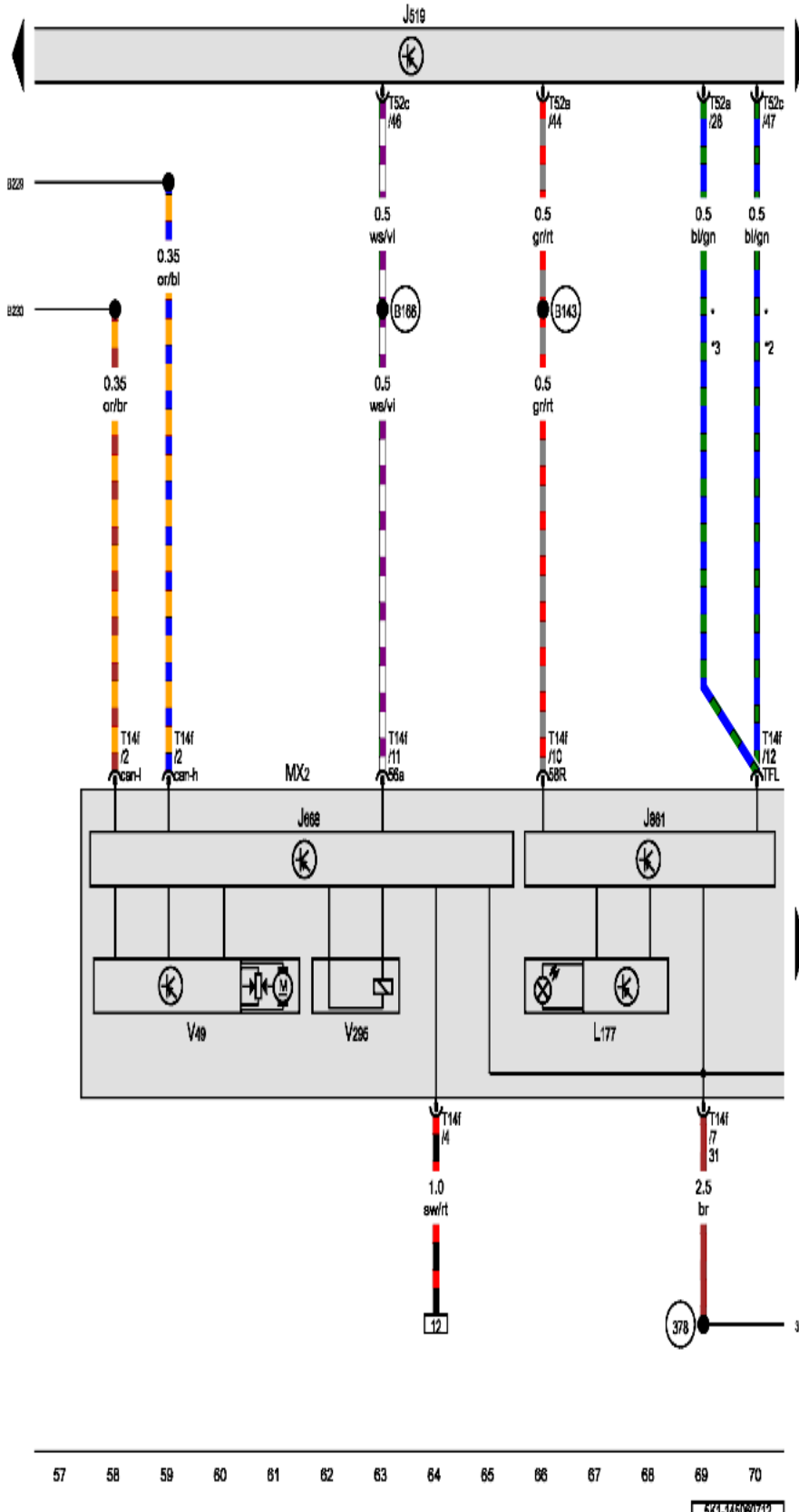
- Diagnostic connector

Golf

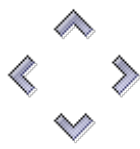

Wiring Diagram

No. 145 / 6

Vehicle electrical system control module, Right headlamp power output stage, Right daytime running lamp and parking lamp LED module, Right headlamp beam adjustment motor, Right low beam headlamp reflector motor



- J519 - Vehicle electrical system control module 📷
- J668 - Right headlamp power output stage, on the left headlamp, on the right headlamp
- J861 - Right daytime running lamp and parking lamp control module, on the left headlamp, in the left headlamp, in the left headlamp, in the right headlamp
- L177 - Right daytime running lamp and parking lamp LED module
- MX2 - Right front headlamp
- T14f - 14-pin connector
- T52a - 52-pin connector
- T52c - 52-pin connector
- V49 - Right headlamp beam

		adjustment motor
V295		- Right low beam headlamp reflector motor
378		- Ground connection 13 (in main wiring harness)
B143		- Positive connection (58R) (in interior wiring harness)
B166		- Connection 56a (in interior wiring harness)
B229		- High bus connection (in interior wiring harness)
B230		- Low bus connection (in interior wiring harness)
		* - Only for vehicles with daytime running lamps
		*2 - Only for vehicles without rear fog lamps
		*3 - Only for vehicles with fog lamps

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 145 / 7

Right HID headlamp control module, Vehicle electrical system control module, Right HID headlamp bulb, Right front fog lamp bulb, Right cornering lamp bulb, Right front turn signal bulb

J344 - Right HID headlamp control module, on the left headlamp, on the right headlamp

J519 - Vehicle electrical system control module

L14 - Right HID headlamp bulb

L23 - Right front fog lamp bulb

L149 - Right cornering lamp bulb

MX2 - Right front headlamp

M7 - Right front turn signal bulb

T2bd - Double connector

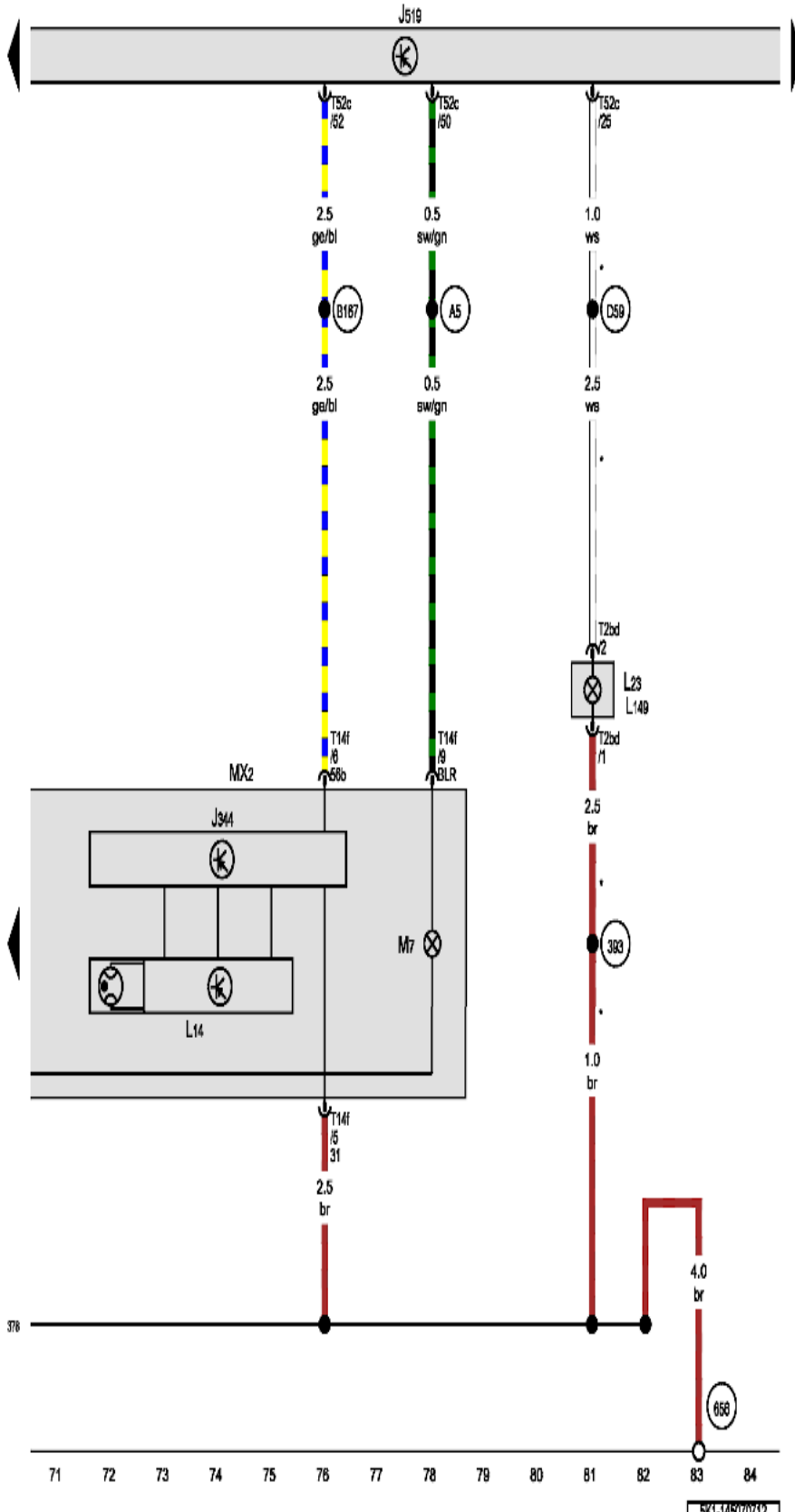
T14f - 14-pin connector


T52c - 52-pin connector

378 - Ground connection 13 (in main wiring harness)

393 - Ground connection 28 (in main wiring harness)

656 - Ground connection on right



	headlamp 
A5	- Right turn signal positive connection (in instrument panel wiring harness)
B167	- Connection 56b (in interior wiring harness)
D59	- Fog lamp connection (in engine compartment wiring harness)
*	- Only for vehicles with fog lamps



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

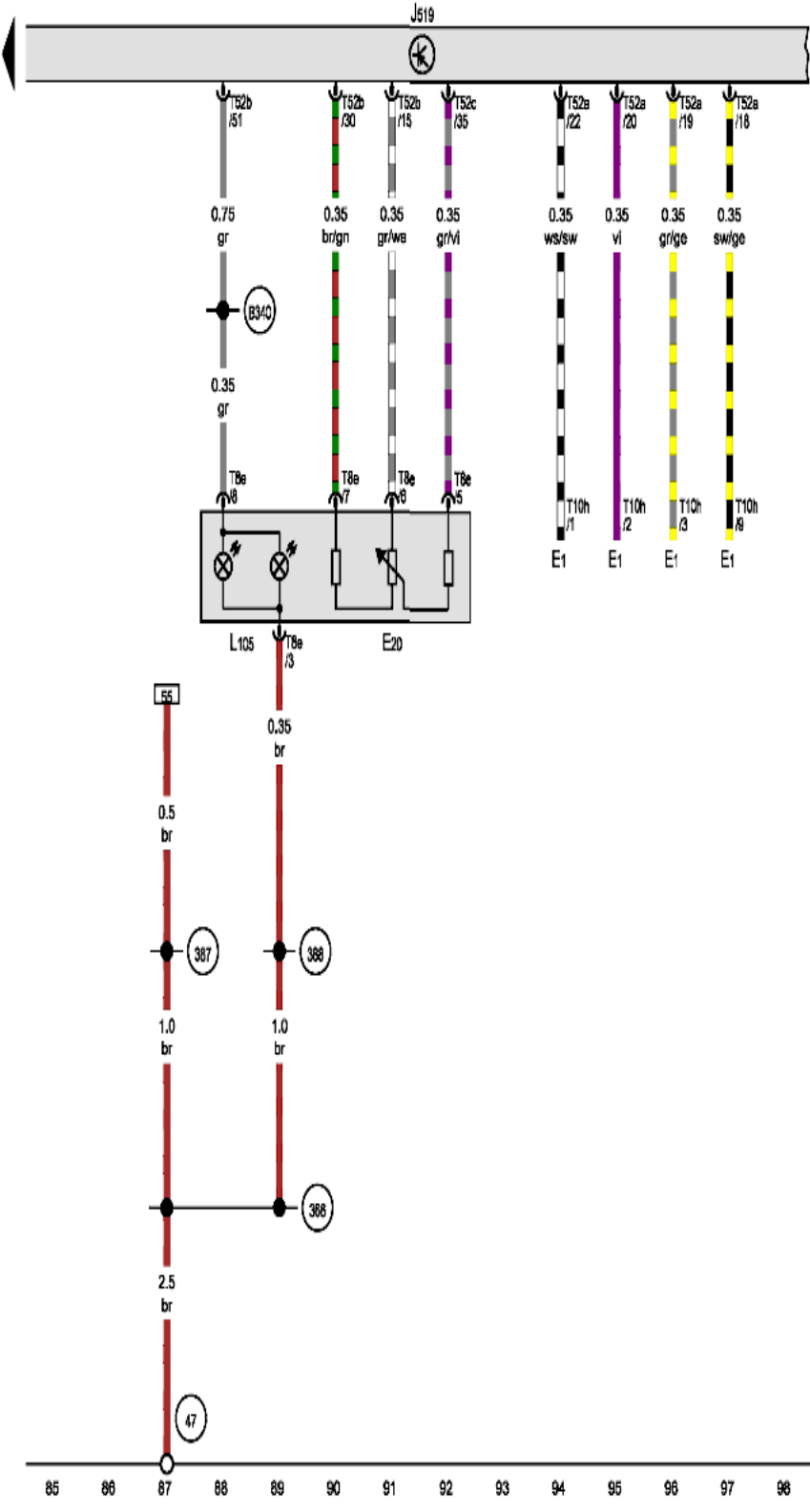
Golf


Wiring Diagram

No. 145 / 8

Instrument panel and switch illumination dimmer switch, Vehicle electrical system control module

- E1 - Light switch
- E20 - Instrument panel and switch illumination dimmer switch
- J519 - Vehicle electrical system control module 
- L105 - Lighting control illumination bulb 



- T8e - 8-pin connector
- T10h - 10-pin connector
- T52a - 52-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- 47 - Ground connection in right front footwell 
- 366 - Ground connection 1 (in main wiring harness)
- 367 - Ground connection 22 (in main wiring harness)
- 387 - Ground connection 23 (in main wiring harness)
- 388 - Ground connection 23 (in main wiring harness)
- B340 - Connection 58d (in main wiring harness) 1

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 138 / 1

12.2011

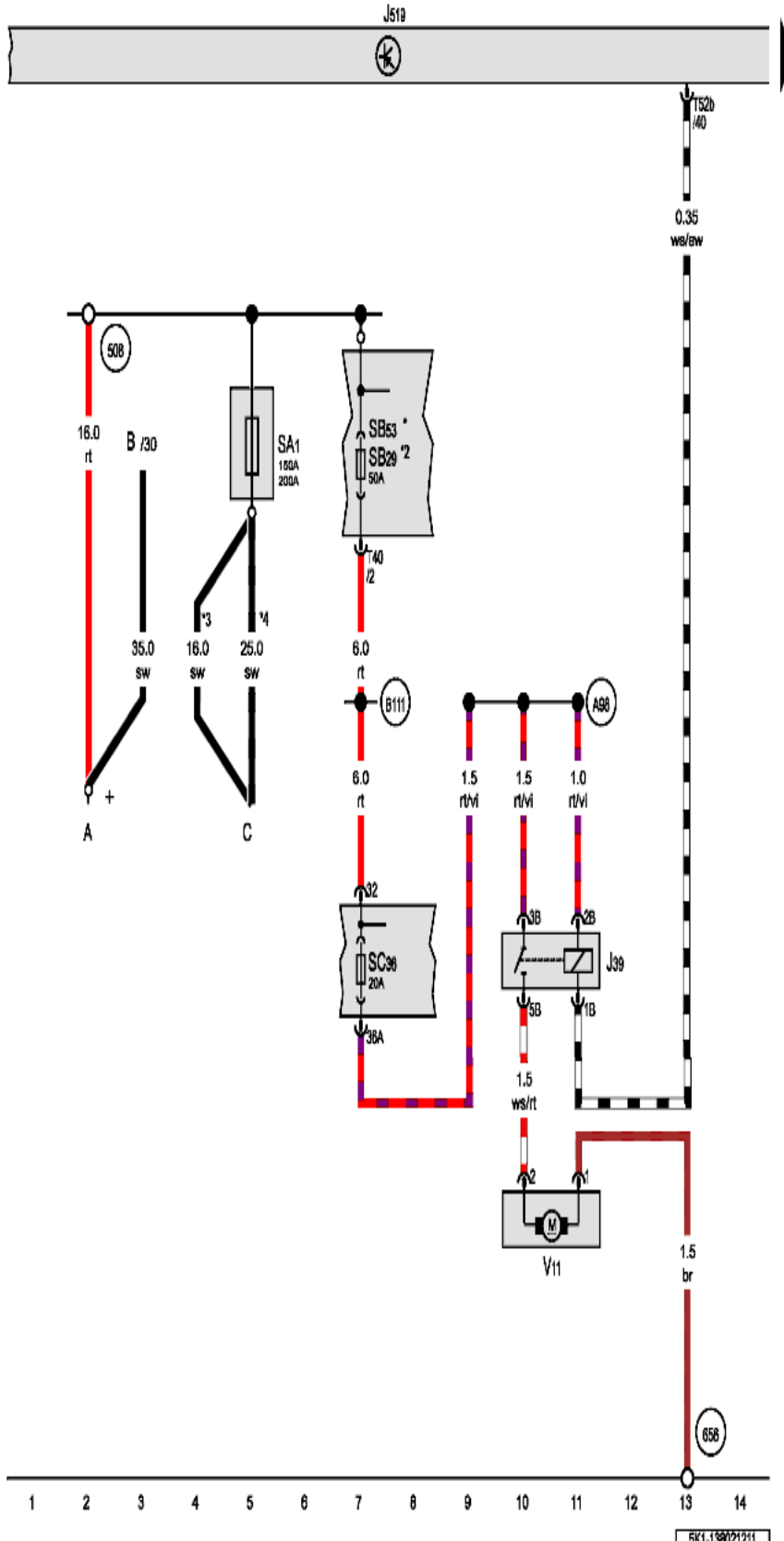
Headlamp washer system

from November 2011

Golf

Wiring Diagram

No. 138 / 2



Headlamp washer relay, Headlamp washer pump

- A - Battery
- B - Starter
- C - Generator
- J39 - Headlamp washer relay
- J519 - Vehicle electrical system control module
- SA1 - Fuse 1 (on fuse panel A)
- SB29 - Fuse 29 (on fuse panel B)
- SC36 - Fuse 36 (on fuse panel C)
- SB53 - Fuse 53 (on fuse panel B)
- T40 - 40-pin connector
- T52b - 52-pin connector
- V11 - Headlamp washer pump
- 508 - Terminal 30 threaded connection (on E-box)
- 656 - Ground connection on right headlamp
- A98 - Positive connection 4 (30) (in instrument panel wiring harness)
- B111 - Positive connection 1 (30a) (in interior wiring harness)
- * - E-Box high
- *2 - E-Box low
- *3 - Only for vehicles with



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow

or = orange
rs = pink






*4

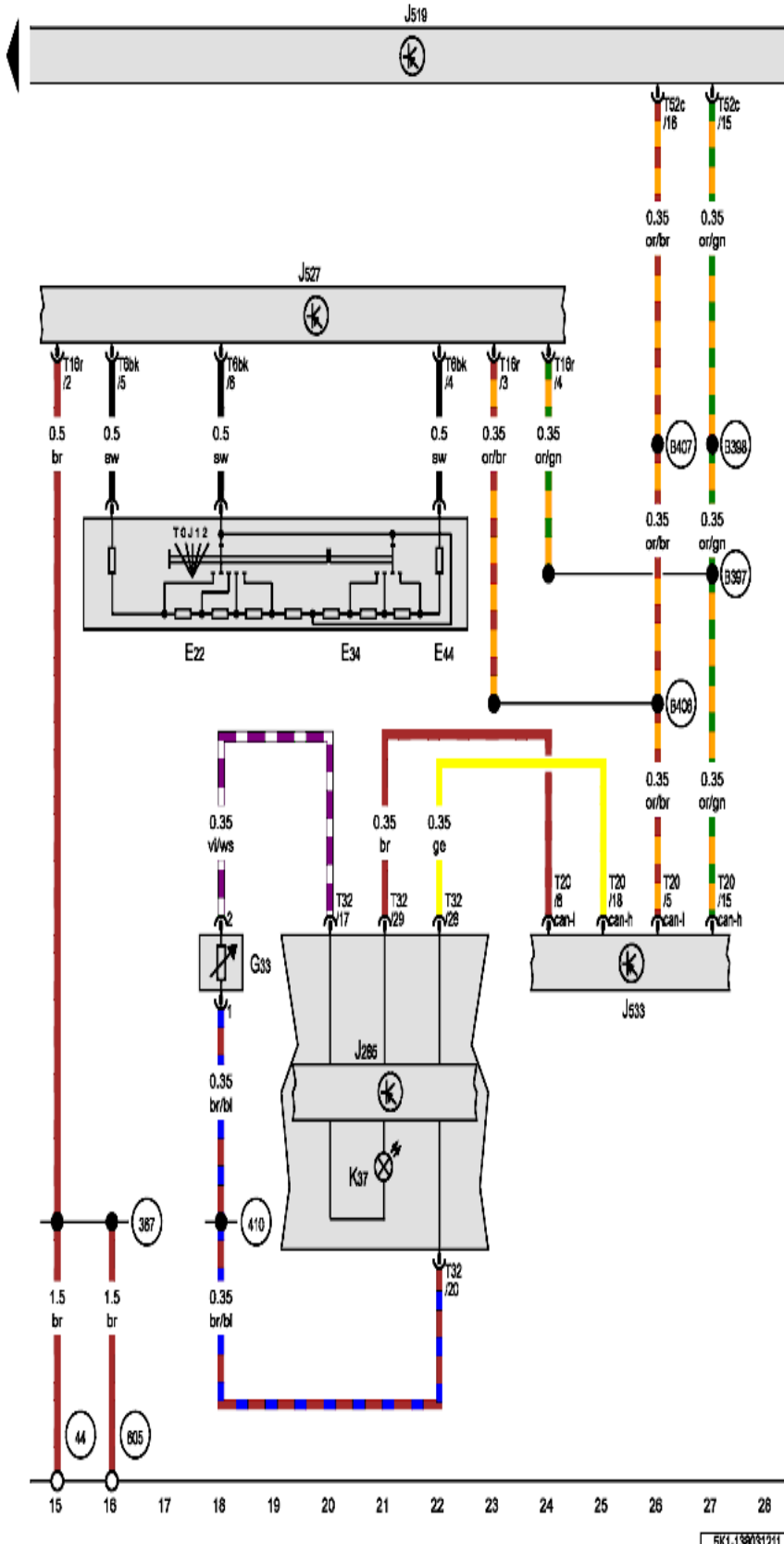
90 A/120 A
generator
- Only for
vehicles with
a generator
(140 A)

Golf

Wiring Diagram

No. 138 / 3

- E22 - Windshield wiper intermittent mode switch
- E34 - Rear window wiper switch
- E44 - Windshield and headlamp washer pump switch
- G33 - Windshield washer fluid level sensor
- J285 - Instrument cluster control module 
- J519 - Vehicle electrical system control module 
- J527 - Steering column electronics control module 
- J533 - Data bus on board diagnostic interface, in the left footwell, near the center console 
- K37 - Windshield washer fluid level 



- indicator lamp
- T6bk - 6-pin connector
- T16r - 16-pin connector
- T20 - 20-pin connector
- T32 - 32-pin connector
- T52c - 52-pin connector
- 44 - Ground connection on A-pillar, lower left
- 367 - Ground connection 2 (in main wiring harness)
- 410 - Sensor ground connection 1 (in main wiring harness)
- 605 - Ground connection on upper steering column
- B397 - Comfort system CAN bus high connection 1 (in main wiring harness)
- B398 - Comfort system CAN bus high connection 2 (in main wiring harness)
- B406 - Comfort system CAN bus low connection 1 (in main wiring harness)
- B407 - Comfort system CAN bus low connection 2 (in main wiring harness)



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 11 / 1

07.2012

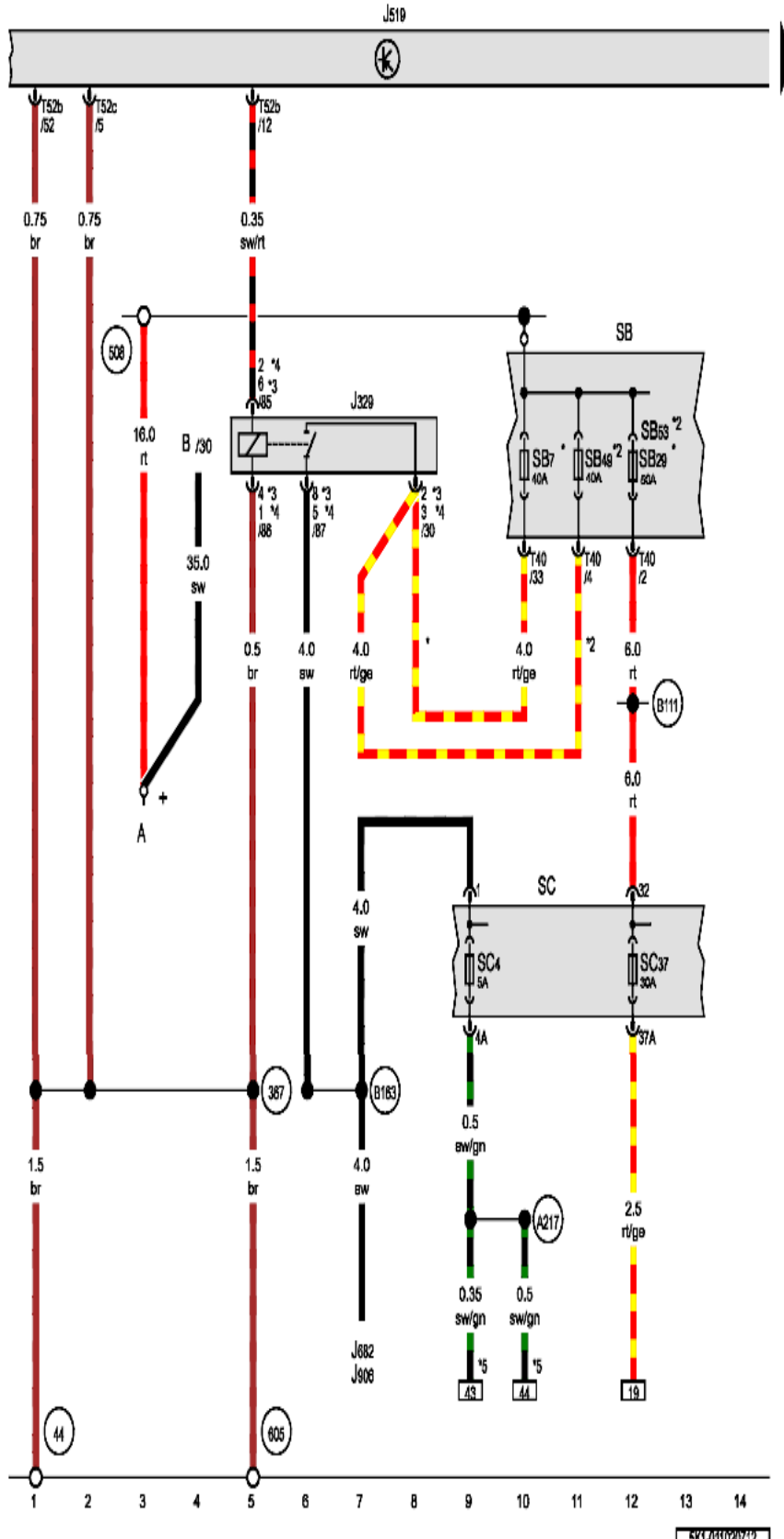
Heated seats

from July 2008

Golf


Wiring Diagram

No. 11 / 2



Terminal 15 power supply relay, Vehicle electrical system control module, Fuse panel B, Fuse panel C

- A - Battery
- B - Starter
- J329 - Terminal 15 power supply relay
- J519 - Vehicle electrical system control module
- J682 - Terminal 50 power supply relay
- J906 - Starter relay 1
- SB - Fuse panel B
- SC4 - Fuse 4 (on fuse panel C)
- SB7 - Fuse 7 (on fuse panel B)
- SB29 - Fuse 29 (on fuse panel B)
- SB49 - Fuse 49 (on fuse panel B)
- SB53 - Fuse 53 (on fuse panel B)
- SC - Fuse panel C
- SC37 - Fuse 37 (on fuse panel C)
- T40 - 40-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- 44 - Ground connection on A-pillar, lower left

- 367 - Ground connection 2 (in main wiring harness)
- 508 - Terminal 30 threaded connection (on E-box)
- 605 - Ground connection on upper steering column 
- A217 - Positive connection 8 (15a) (in instrument panel wiring harness)
- B111 - Positive connection 1 (30a) (in interior wiring harness)
- B163 - Positive connection 1 (15) (in interior wiring harness)



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

- * - E-Box low
- *2 - E-Box high
- *3 - Through October 2009
- *4 - from November 2009
- *5 - Only for vehicles without an A/C system

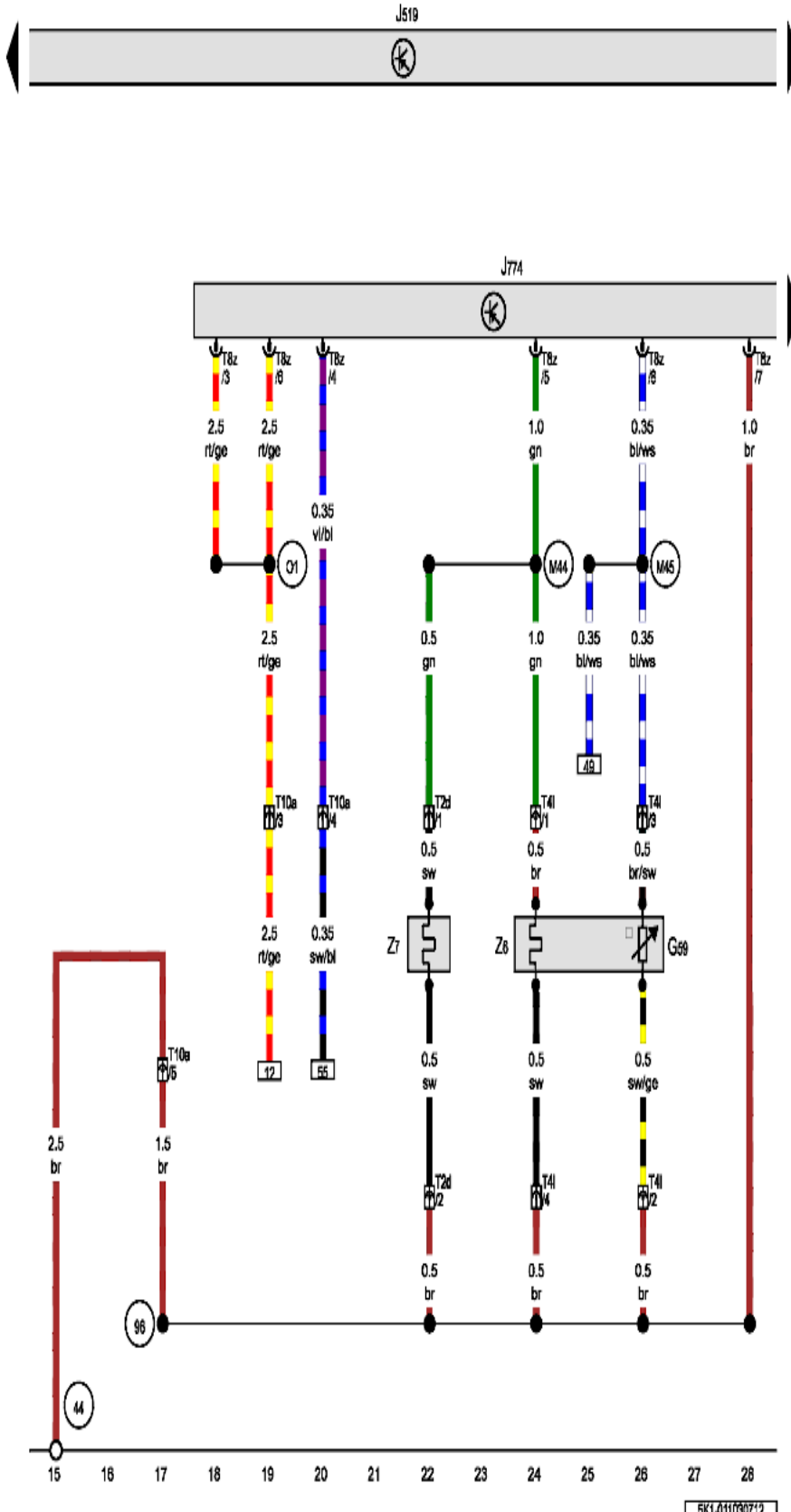
Golf

Wiring Diagram

No. 11 / 3

Heated driver seat temperature sensor, Vehicle electrical system control module, Front seat heating control module, Driver seat heating element, Driver backrest heating element

- G59 - Heated driver seat temperature sensor
- J519 - Vehicle electrical system control module
- J774 - Front seat heating control module, under the driver seat
- T2d - Double connector, under the driver seat
- T4l - 4-pin connector, under the driver seat
- T8z - 8-pin connector
- T10a - 10-pin connector, under the driver seat
- Z6 - Driver seat heating element
- Z7 - Driver backrest heating element
- 44 - Ground connection on A-pillar, lower left
- 96 - Ground connection 1 (in heated













ws = white		seats wiring harness)
sw = black		
ro = red		
rt = red	M44	- Connection 4 (in driver seat wiring harness)
br = brown		
gn = green		
bl = blue		
gr = grey	M45	- Connection 5 (in driver seat wiring harness)
li = lilac		
vi = lilac		
ge = yellow		
or = orange		
rs = pink	O1	- Positive connection (30) (in heated seats wiring harness)

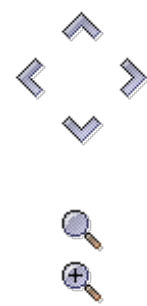
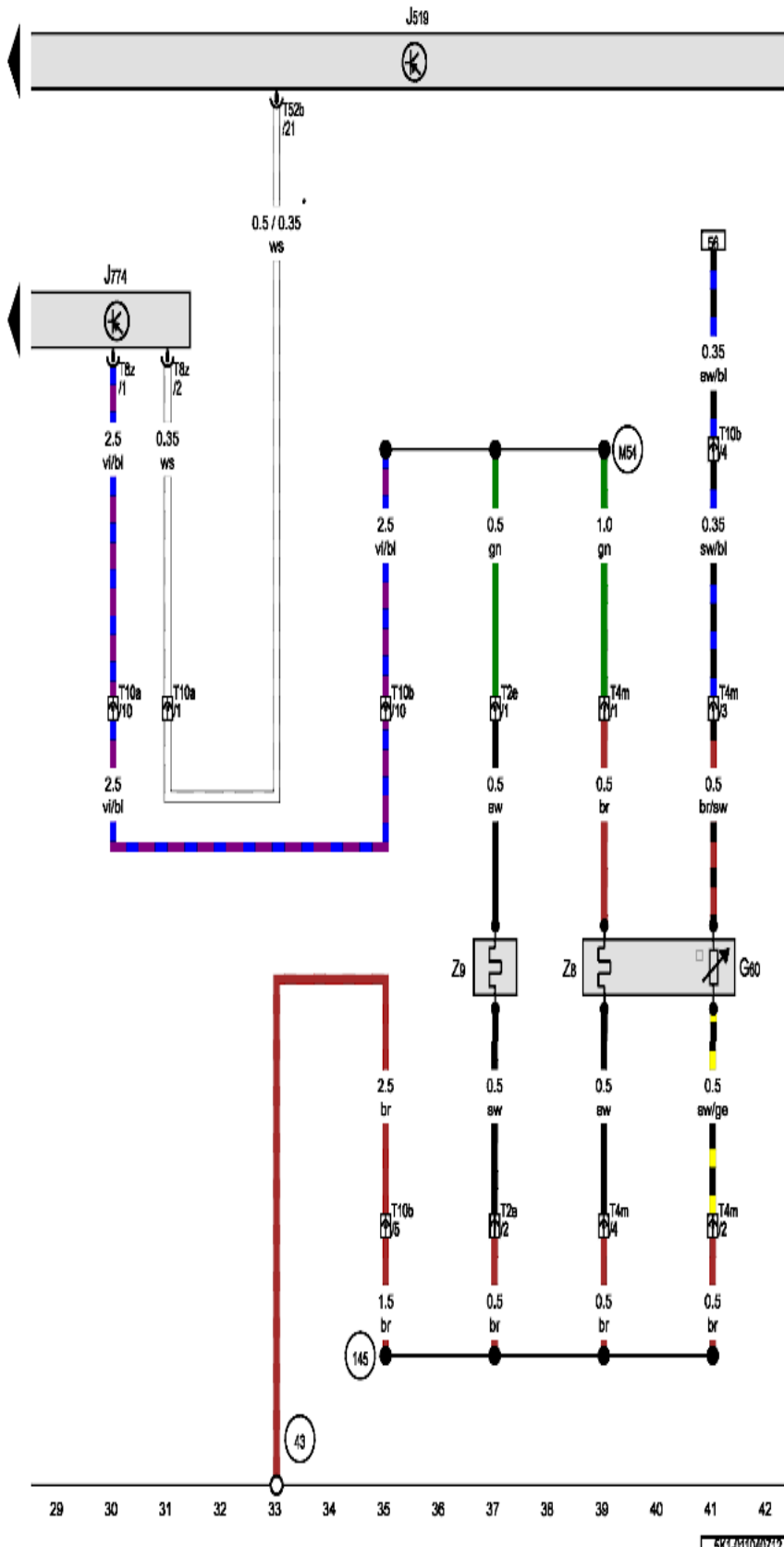
Golf

Wiring Diagram

No. 11 / 4

Front passenger heated seat temperature sensor, Vehicle electrical system control module, Front seat heating control module, Front passenger seat heating element, Front passenger backrest heating element

- G60 - Front passenger heated seat temperature sensor 
- J519 - Vehicle electrical system control module 
- J774 - Front seat heating control module, under the driver seat 
- T2e - Double connector, under the driver seat 
- T4m - 4-pin connector, under the driver seat 
- T8z - 8-pin connector 
- T10a - 10-pin connector, under the driver seat 
- T10b - 10-pin connector, under the front passenger seat 
- T52b - 52-pin connector 
- Z8 - Front passenger seat heating 





Z9

element
- Front passenger backrest heating

43

element
- Ground connection on A-pillar, lower

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

145

right
- Ground connection 3 (in heated seats wiring harness)

M54

- Connection 4 (in front passenger seat wiring harness)

*

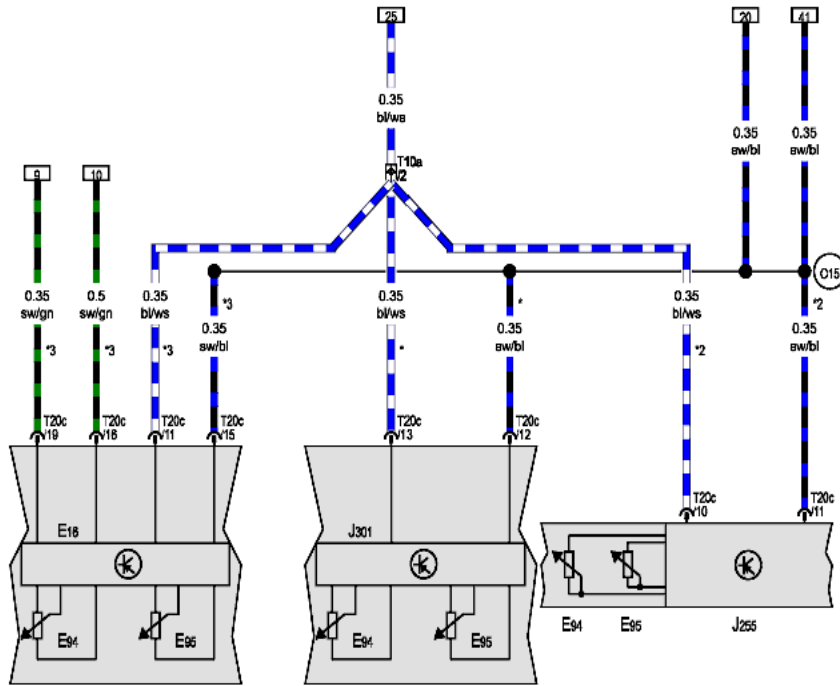
- from November 2010

Golf

Wiring Diagram

No. 11 / 5

Heated driver seat adjuster, Heated front passenger seat adjuster



- E16 - Heater/heat output switch
- E94 - Heated driver seat adjuster
- E95 - Heated front passenger seat adjuster
- J255- Climatic control module
- J301- A/C control module
- T10a - 10-pin connector, under the driver seat
- T20c - 20-pin connector
- O15 - Connection 4 (in heated seats wiring harness)
- * - Only for vehicles with Climatic
- *2 - Only for vehicles with Climatic
- *3 - Only for vehicles without an A/C system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 13 / 1

07.2012

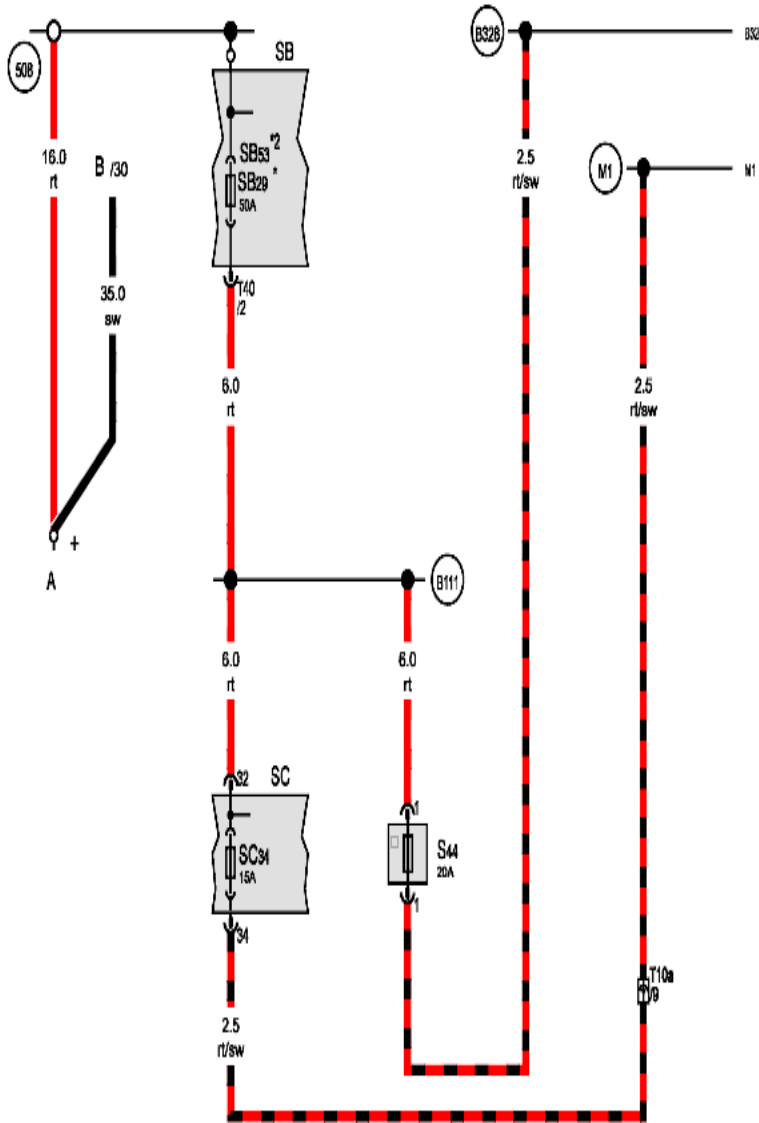
Lumbar support adjustment with power seat adjustment
from August 2010

Golf

Wiring Diagram

No. 13 / 2

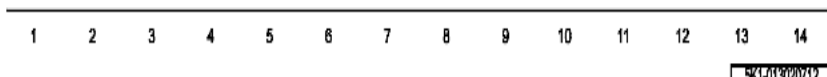
Driver power seat adjustment circuit breaker 1, Fuse panel B, Fuse panel C



- A - Battery
- B - Starter
- S44 - Driver power seat adjustment circuit breaker 1
- SB - Fuse panel B
- SB29 - Fuse 29 (on fuse panel B)
- SB53 - Fuse 53 (on fuse panel B)
- SC - Fuse panel C
- SC34 - Fuse 34 (on fuse panel C)
- T10a - 10-pin connector, under the driver seat
- T40 - 40-pin connector
- 508 - Terminal 30 threaded connection (on E-box)
- B111 - Positive connection 1 (30a) (in interior wiring harness)
- B328 - Positive connection 14 (30a) (in main wiring harness)
- M1 - Positive connection 1 (30) (in seat adjustment wiring harness)
- * - E-Box low
- *2 - E-Box high



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink










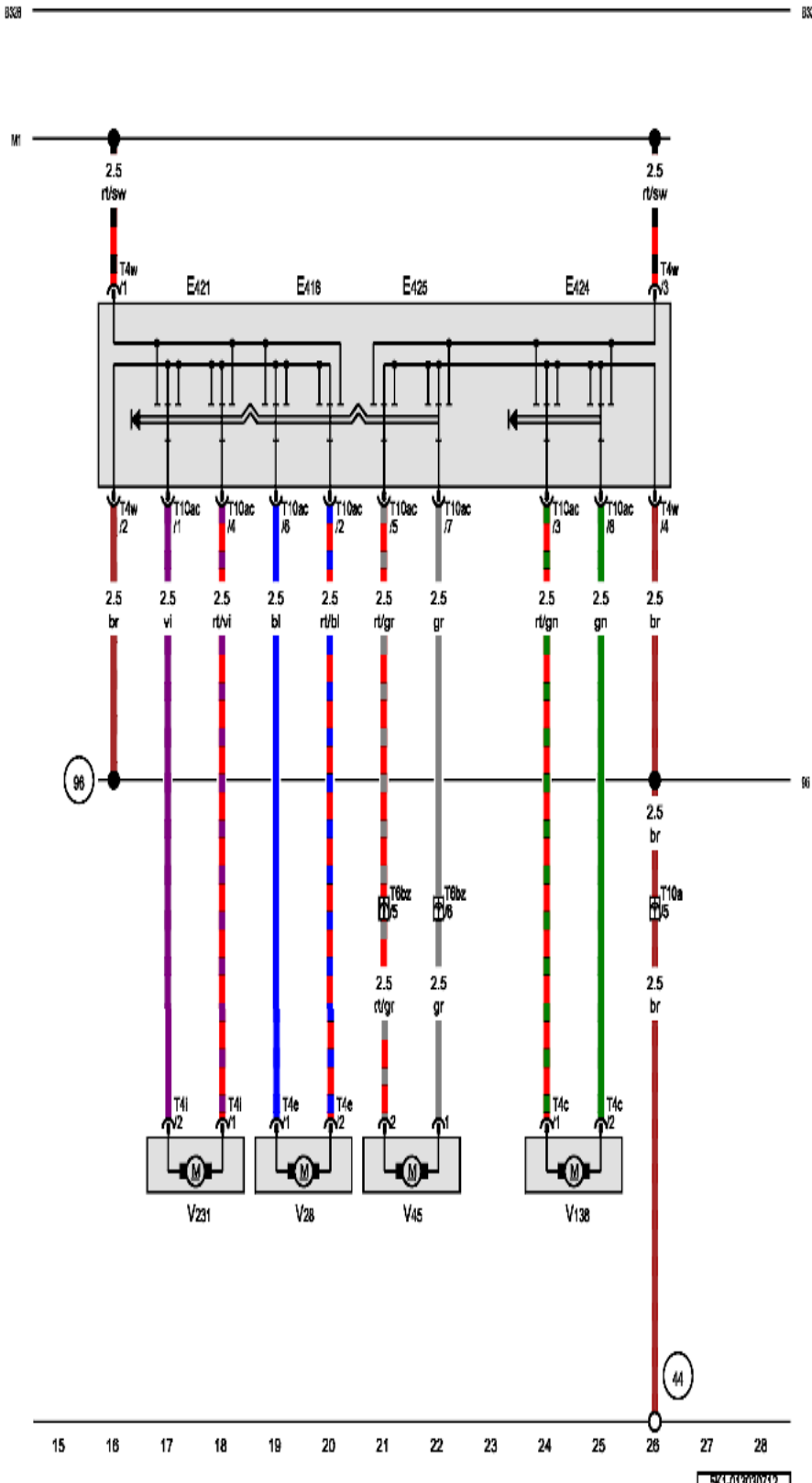
Golf

Wiring Diagram


No. 13 / 3


Seat forward/back adjustment button, Angle adjustment button, Seat height adjustment button, Backrest adjustment button, Driver seat forward/back adjustment motor, Driver backrest adjustment motor, Driver seat height adjustment motor, Seat angle adjustment motor


- E418 - Seat forward/back adjustment button 
- E421 - Angle adjustment button 
- E424 - Seat height adjustment button 
- E425 - Backrest adjustment button 
- T4c - 4-pin connector
- T4e - 4-pin connector
- T4i - 4-pin connector
- T4w - 4-pin connector
- T6bz - 6-pin connector, under the driver seat
- T10a - 10-pin connector, under the driver seat 
- T10ac - 10-pin connector
- V28 - Driver seat forward/back adjustment motor 
- V45 - Driver backrest adjustment motor 





V138 - Driver seat height adjustment motor 

V231 - Seat angle adjustment motor 

44 - Ground connection on A-pillar, lower left 

96 - Ground connection 1 (in heated seats wiring harness)

B328 - Positive connection 14 (30a) (in main wiring harness)

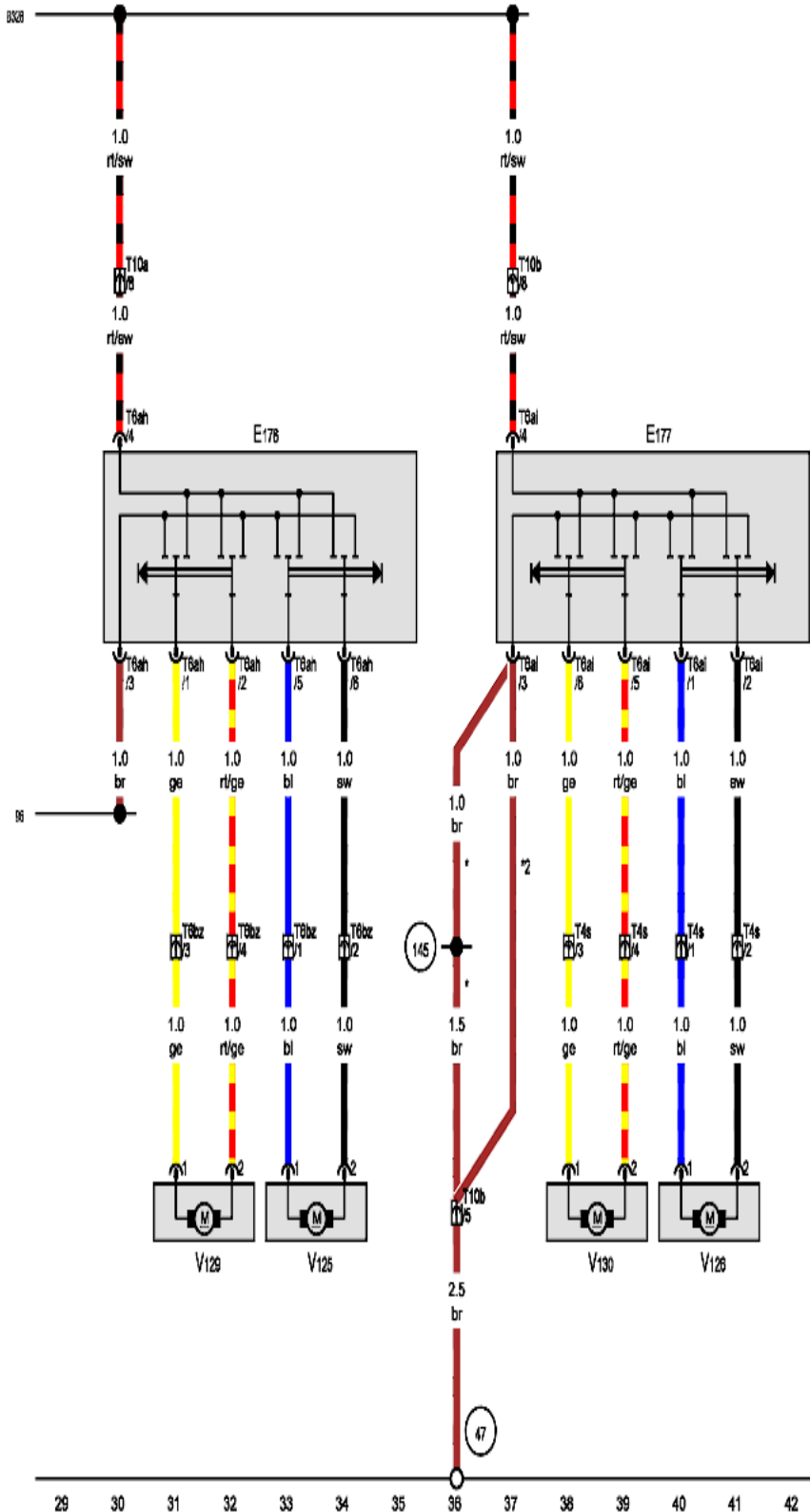
M1 - Positive connection 1 (30) (in seat adjustment wiring harness)

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 13 / 4



Driver seat lumbar support adjustment switch, Front passenger seat lumbar support adjustment switch, Front passenger seat lumbar support curvature adjustment motor, Driver seat lumbar support height adjustment motor, Front passenger seat lumbar support height adjustment motor

E176 - Driver seat lumbar support adjustment switch

E177 - Front passenger seat lumbar support adjustment switch

T4s - 4-pin connector, under the front passenger seat

T6ah - 6-pin connector





T6ai - 6-pin connector

T6bz - 6-pin connector, under the driver seat

T10a - 10-pin connector, under the driver seat

T10b - 10-pin connector, under the front passenger seat

V125 - Driver seat lumbar support curvature

- adjustment motor 
- V126 - Front passenger seat lumbar support curvature adjustment motor
- V129 - Driver seat lumbar support height adjustment motor 
- V130 - Front passenger seat lumbar support height adjustment motor 
- 47 - Ground connection in right front footwell 
- 96 - Ground connection 1 (in heated seats wiring harness)
- 145 - Ground connection 3 (in heated seats wiring harness)
- B328 - Positive connection 14 (30a) (in main wiring harness)
- * - Only for vehicles with an auxiliary heater
- *2 - Only for vehicles without heated seats



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 103 / 1

04.2011

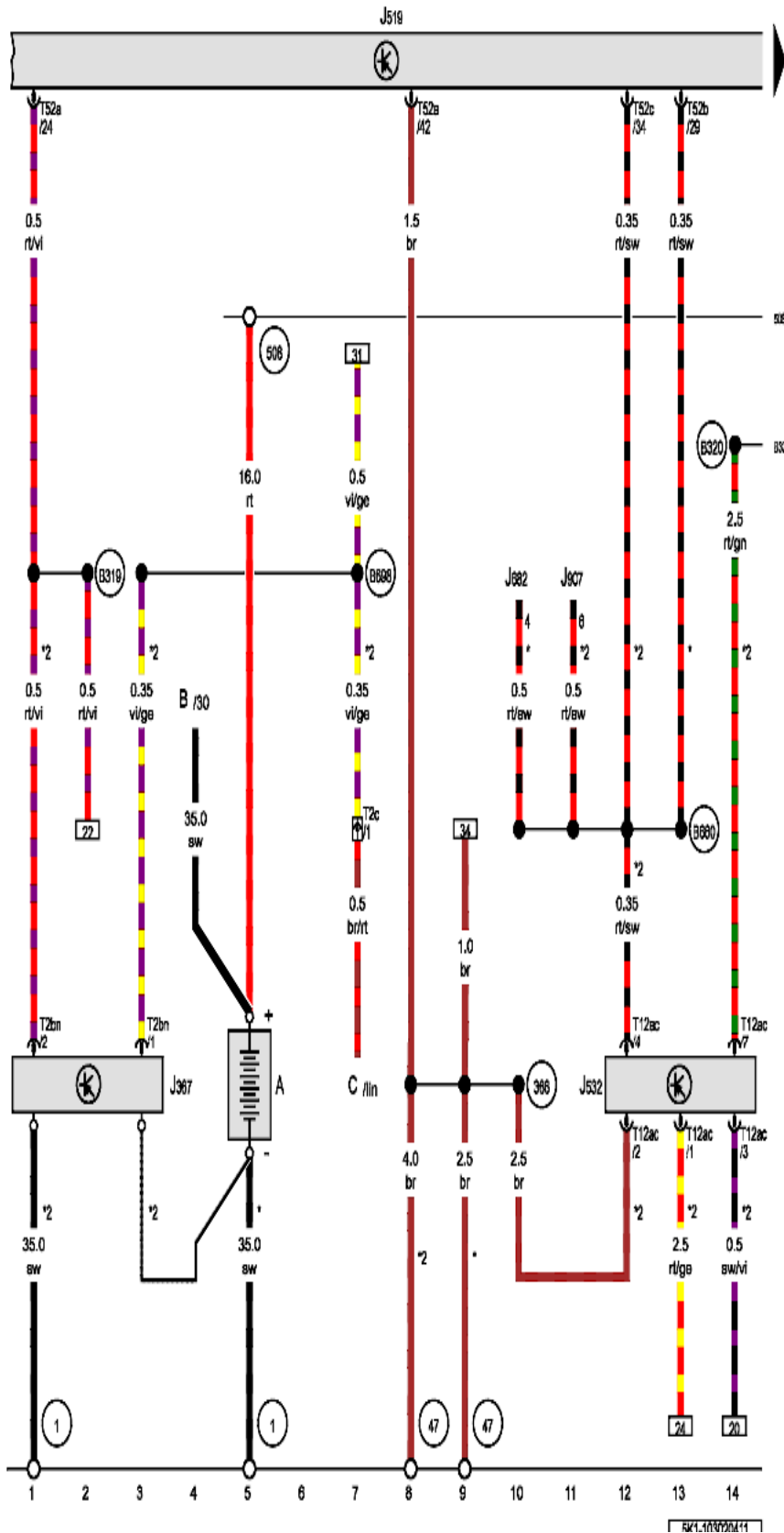
Multifunction steering wheel

From May 2011

Golf

Wiring Diagram

No. 103 / 2



Battery, Battery monitoring control module, Voltage stabilizer

- A - Battery
- B - Starter
- C - Generator
- J367 - Battery monitoring control module
- J519 - Vehicle electrical system control module
- J532 - Voltage stabilizer
- J682 - Terminal 50 power supply relay
- J907 - Starter relay 2
- T2bn - Double connector
- T2c - Double connector, near the starter
- T12ac - 12-pin connector
- T52a - 52-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- 1 - Ground strap, battery to body
- 47 - Ground connection in right front footwell
- 366 - Ground connection 1 (in main wiring harness)
- 508 - Terminal 30 threaded connection (on E-box)
- B319 - Positive connection 5 (30a) (in



- main wiring harness)
- B320 - Positive connection 6 (30a) (in main wiring harness)
- B660 - Diagnostic terminal 50 connection (in main wiring harness)
- B698 - LIN bus connection 3 (in main wiring harness)
- * - Only for vehicles without Start/Stop system
- *2 - Only for vehicles with Start/Stop system

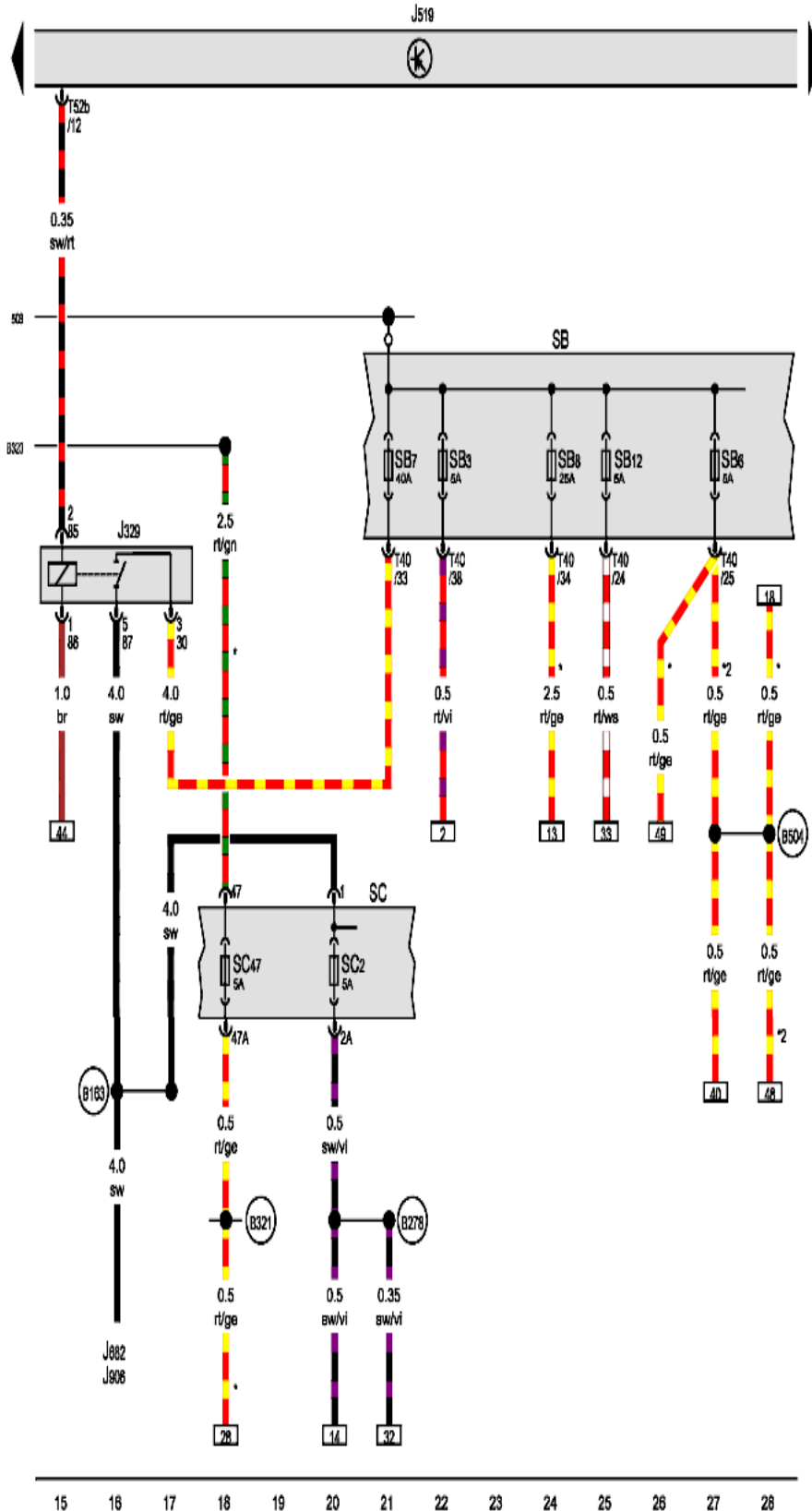
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

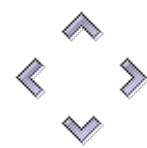
Wiring Diagram

No. 103 / 3

Terminal 15 power supply relay, Fuse panel B, Fuse panel C



- J329 - Terminal 15 power supply relay
- J519 - Vehicle electrical system control module
- J682 - Terminal 50 power supply relay
- J906 - Starter relay 1
- SB - Fuse panel B
- SC - Fuse panel C
- SC2 - Fuse 2 (on fuse panel C)
- SB3 - Fuse 3 (on fuse panel B)
- SB6 - Fuse 6 (on fuse panel B)
- SB7 - Fuse 7 (on fuse panel B)
- SB8 - Fuse 8 (on fuse panel B)
- SB12 - Fuse 12 (on fuse panel B)
- SC47 - Fuse 47 (on fuse panel C)
- T40 - 40-pin connector
- T52b - 52-pin connector
- 508 - Terminal 30 threaded connection (on E-box)
- B163 - Positive connection 1 (15) (in interior wiring)





- harness)
- B278 - Positive connection 2 (15a) (in main wiring harness)
- B320 - Positive connection 6 (30a) (in main wiring harness)
- B321 - Positive connection 7 (30a) (in main wiring harness)
- B504 - Positive connection 8 (30a) (in interior wiring harness)
- * - Only for vehicles with Start/Stop system
- *2 - Only for vehicles without Start/Stop system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

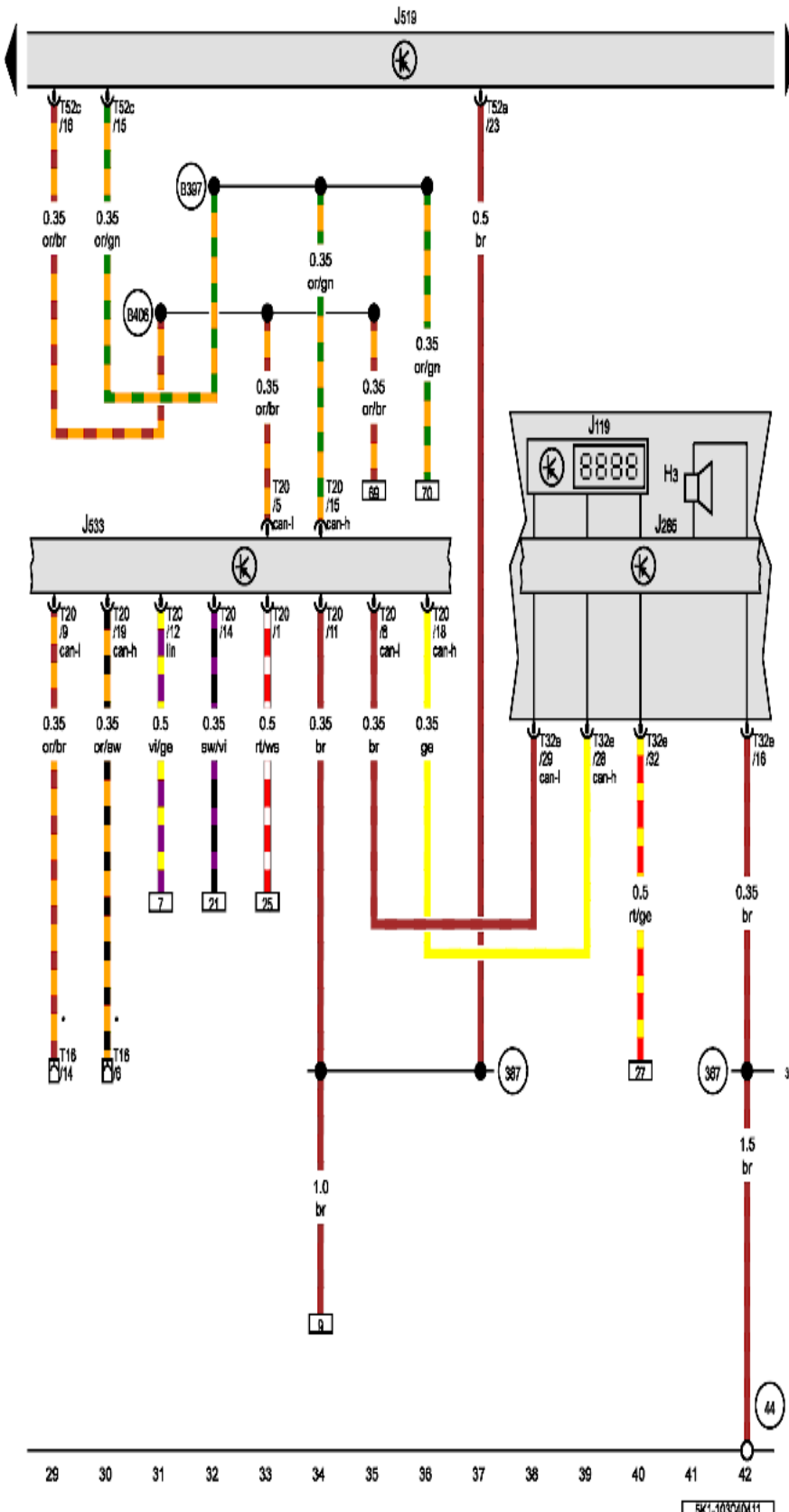
Golf

Wiring Diagram

No. 103 / 4

Multifunction indicator, Instrument cluster control module, Data bus on board diagnostic interface

- H3 - Warning buzzer and tone
- J119 - Multifunction indicator
- J285 - Instrument cluster control module
- J519 - Vehicle electrical system control module
- J533 - Data bus on board diagnostic interface, in the left footwell, near the center console
- T16 - 16-pin connector, under the instrument panel, left
- T20 - 20-pin connector
- T32e - 32-pin connector
- T52a - 52-pin connector
- T52c - 52-pin connector
- 44 - Ground connection on A-pillar, lower left
- 367 - Ground connection 2 (in main wiring harness)
- 387 - Ground connection 22 (in main wiring harness)
- B397 - Comfort system CAN



sw = black		bus high
ro = red		connection 1
rt = red		(in main
br = brown		wiring
gn = green		harness)
bl = blue		
gr = grey		
li = lilac		
vi = lilac	B406	- Comfort
ge = yellow		system CAN
or = orange		bus low
rs = pink		connection 1
		(in main
		wiring
		harness)
	*	- Diagnostic
		connector

Golf

Wiring Diagram

No. 103 / 5

Ignition/starter switch, Steering column electronics control module, Ignition switch key lock solenoid

D - Ignition/starter switch

F319 - Selector lever park position lock switch

J29 - Blocking diode

J519 - Vehicle electrical system control module

J527 - Steering column electronics control module

J623 - Engine control module

J764 - Electronic steering column lock control module

N376 - Ignition switch key lock solenoid, on the ignition/starter switch

T2 - Double connector

T4bx - 4-pin connector, near the lower left A-pillar

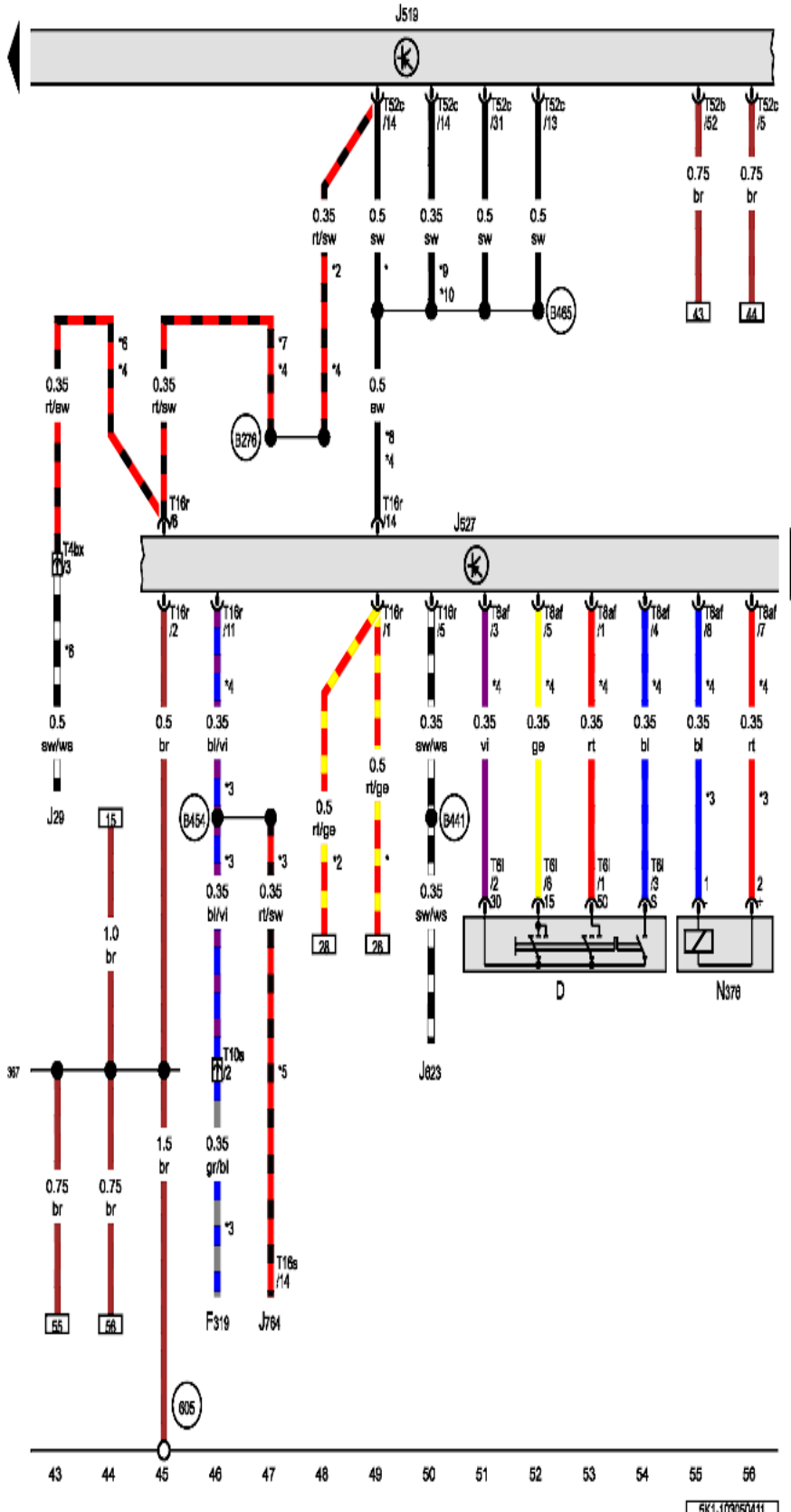
T6l - 6-pin connector

T8af - 8-pin connector

T10s - 10-pin connector, under the selector lever

T16r - 16-pin connector

T16s - 16-pin



- connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- 367 - Ground connection 2 (in main wiring harness)
- 605 - Ground connection on upper steering column
- B276 - Positive connection (50) (in main wiring harness)
- B441 - Cruise control connection (in main wiring harness)
- B454 - Shift lock connection (in main wiring harness)
- B465 - Connection 1 (in main wiring harness)
- * - Only for vehicles with Start/Stop system
- *2 - Only for vehicles without Start/Stop system
- *3 - Only for vehicles with DSG transmission
- *4 - Only for vehicles without access/start authorization system
- *5 - only for vehicles with access/start authorization system
- *6 - only for





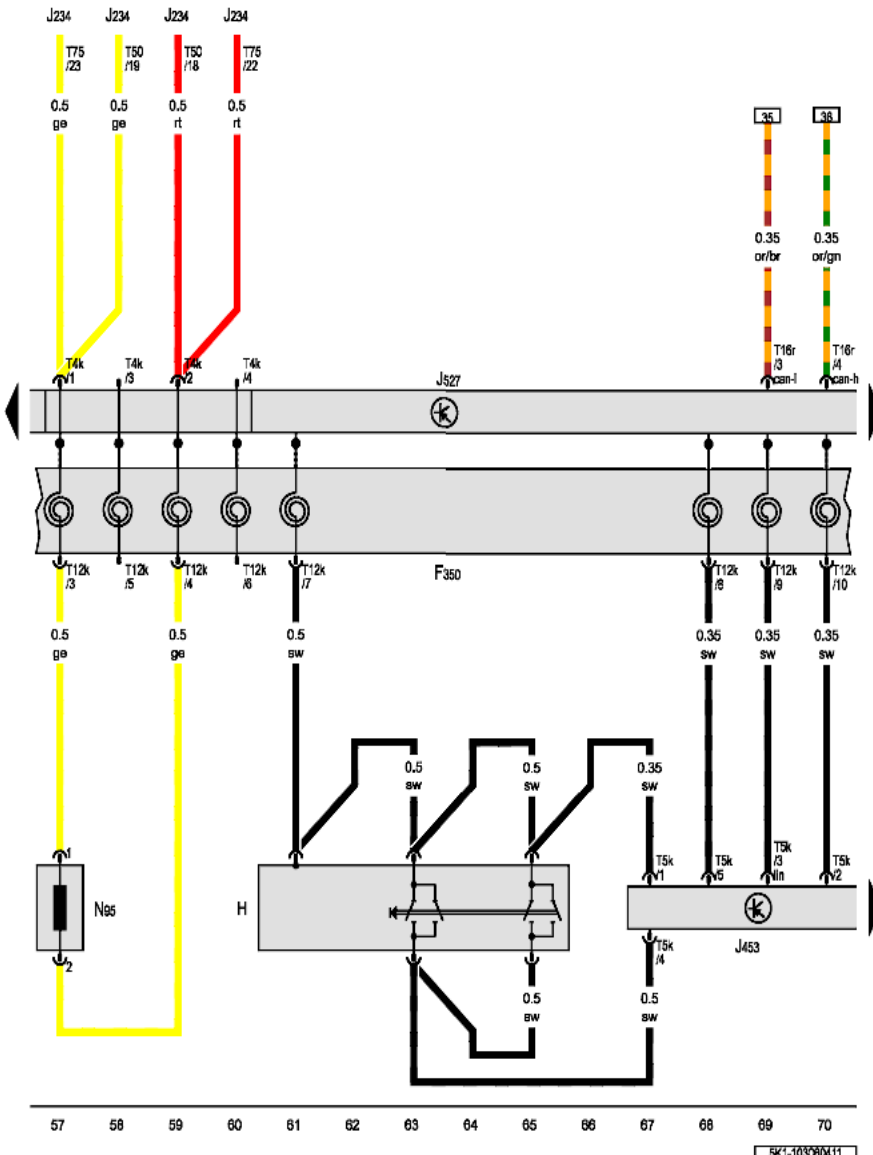
- *7 - vehicles with driving assistance special equipment
- only for vehicles without driving assistance special equipment
- *8 - only for vehicles without police special equipment
- *9 - Only for vehicles with US equipment
- *10 - Refer to applicable engine wiring diagram

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

Golf

Wiring Diagram

No. 103 / 6



- Signal horn activation,
- Multifunction steering wheel control module,
- Steering column electronics control module, Driver airbag igniter
- F350 - Spiral spring
- H - Signal horn activation
- J234 - Airbag control module
- J453 - Multifunction steering wheel control module, in the steering wheel
- J527 - Steering column electronics control module
- N95 - Driver airbag igniter
- T4k - 4-pin connector
- T5k - 5-pin connector
- T12k - 12-pin connector
- T16r - 16-pin connector
- T50 - 50-pin connector
- T75 - 75-pin connector

Golf

Wiring Diagram

No. 103 / 7

Turn signal switch, Headlamp dimmer/flasher switch, Cruise control switch, Cruise control -SET- button, Left multifunction buttons on steering wheel, tiptronic downshift button, Multifunction steering wheel control module, Steering column electronics control module

E2 - Turn signal switch
E4 - Headlamp dimmer/flasher switch

E45 - Cruise control switch

E227 - Cruise control -SET- button

E440 - Left multifunction buttons on steering wheel

E480 - tiptronic downshift button

J453 - Multifunction steering wheel control module, in the steering wheel

J527 - Steering column electronics control module

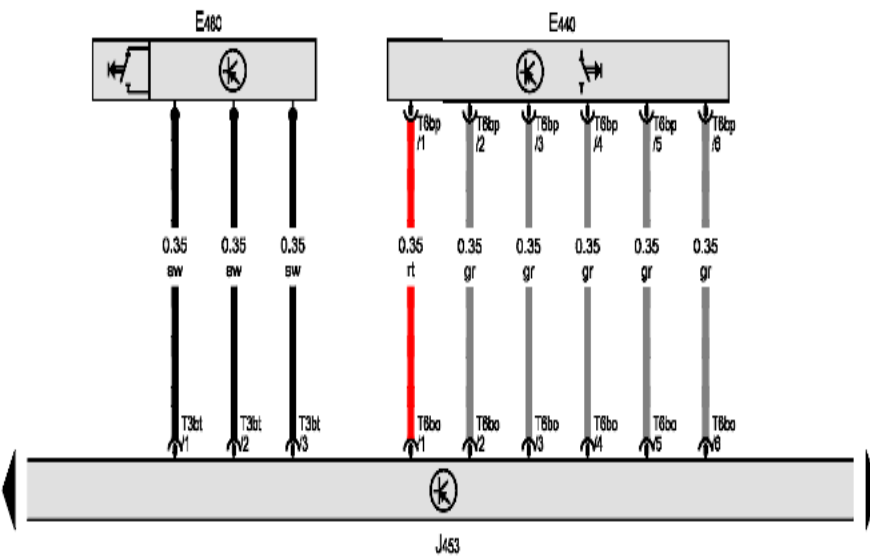
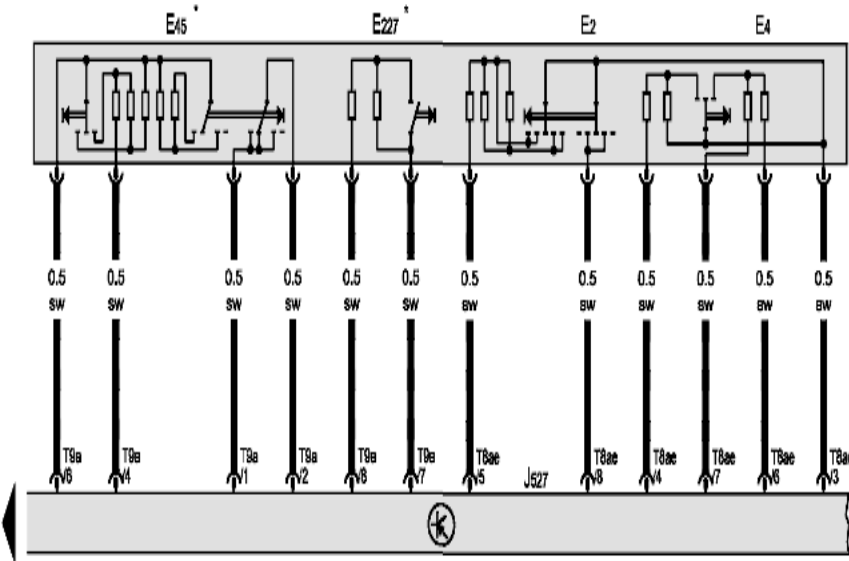
T3bt - 3-pin connector

T6bo - 6-pin connector

T6bp - 6-pin connector

T8ae - 8-pin connector

T9a - 9-pin connector



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

71 72 73 74 75 76 77 78 79 80 81 82 83 84

FW1.103/7/11

* - Only for vehicles with cruise control

Golf

Wiring Diagram

No. 103 / 8

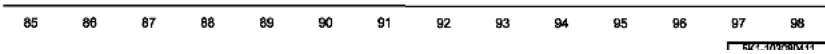
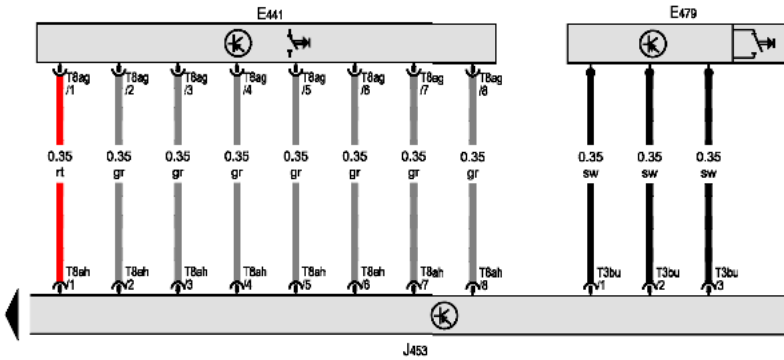
Right multifunction buttons on steering wheel, tiptronic upshift button, Multifunction steering wheel control module



- E441 - Right multifunction buttons on steering wheel
- E479 - tiptronic upshift button
- J453 - Multifunction steering wheel control module, in the steering wheel

- T3bu - 3-pin connector
- T8ag - 8-pin connector
- T8ah - 8-pin connector

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink



Golf

Wiring Diagram

No. 29 / 1

01.2010

Multimedia Socket MEDIA-IN, AUX-IN (rear)

from July 2008

Note:

Information for

- ◆ Relay and fuse arrangements
- ◆ Connector arrangements
- ◆ Control Modules and Relays
- ◆ Ground connections

→ Component Locations

Information for

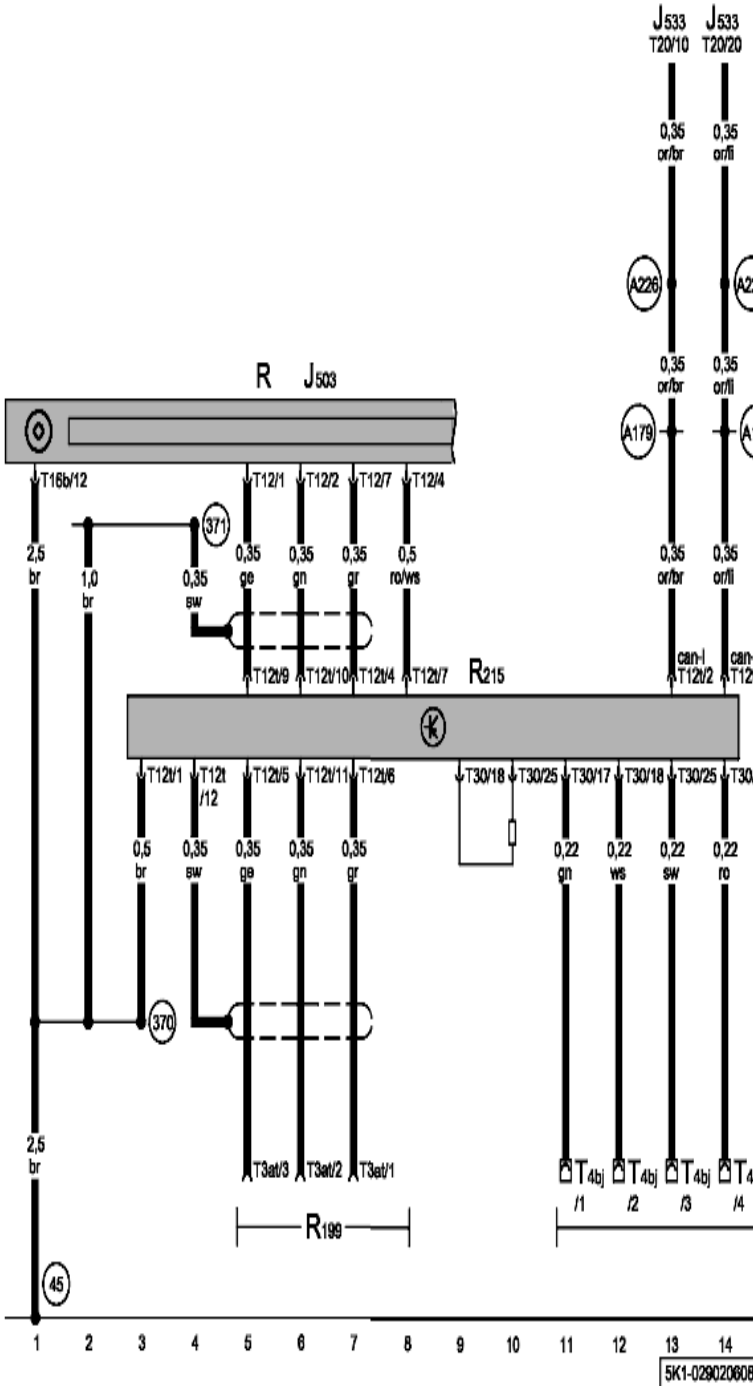
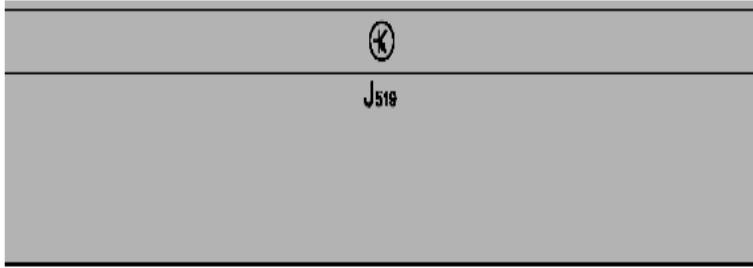
- ◆ Troubleshooting Procedures

→ Guided Fault Finding using VAS 5051 / 5052

Golf

Wiring Diagram

No. 29 / 2



External Multimedia Device Interface, Radio, External Audio Source Connector, Multimedia USB Connection

J503- Radio/Navigation Display Control Module

J519 - Vehicle Electrical System Control Module

J533 - Data Bus On Board Diagnostic Interface

R - Radio

R199 - External Audio Source Connector

R215 - External Multimedia Device Interface, below front center armrest

T3at - 3-Pin Connector, rear center console

T4bj - 4-Pin Connector, below front center armrest*

T12 - 12-Pin Connector

T12t - 12-Pin Connector

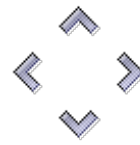
T16b - 16-Pin Connector

T20 - 20-Pin Connector

T30 - 30-Pin Connector

45 - Ground Connection (behind instrument panel, center)

370 - Ground Connection 5



(in main wiring harness)
 371 - Ground Connection 6 (in main wiring harness)



A178 - Infotainment High-Bus Connection (in instrument panel wiring harness)

A179 - Infotainment Low-bus Connection (in instrument panel wiring harness)

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

A225 - Infotainment High-Bus Connection 2 (in instrument panel wiring harness)

A226 - Infotainment Low-bus Connection 2 (in instrument panel wiring harness)

* - Multimedia USB Connection

Golf

Wiring Diagram

No. 76 / 1

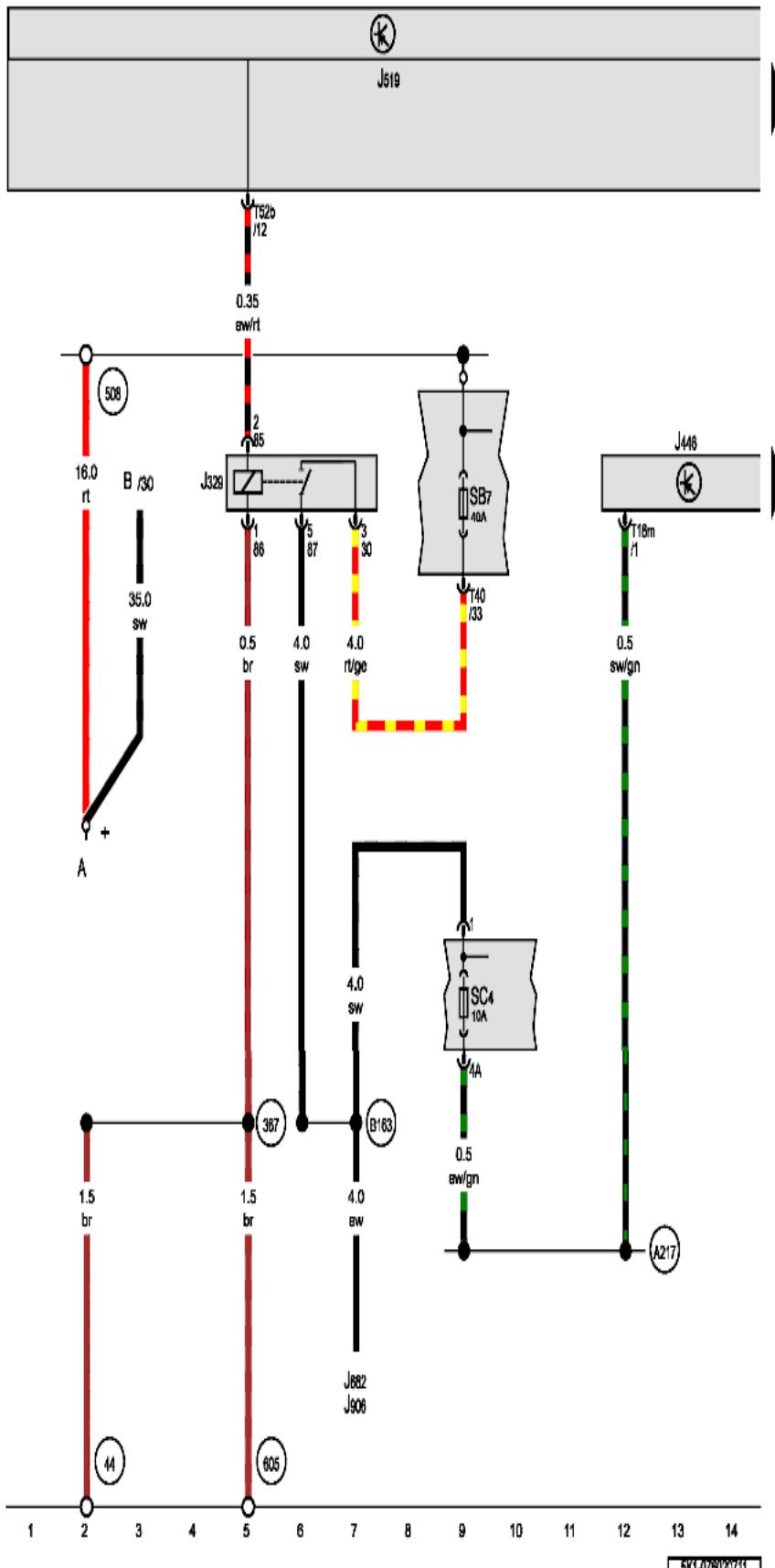
07.2011

Parking distance control (PDC) without park assist
from November 2009

Golf

Wiring Diagram

No. 76 / 2




Terminal 15 power supply relay, Parking aid control module, Fuse 4 (on fuse panel C), Fuse 7 (on fuse panel B)

- A - Battery
- B - Starter
- J329 - Terminal 15 power supply relay
- J446 - Parking aid control module, behind the instrument panel, left
- J519 - Vehicle electrical system control module
- J682 - Terminal 50 power supply relay
- J906 - Starter relay 1
- SC4 - Fuse 4 (on fuse panel C)
- SB7 - Fuse 7 (on fuse panel B)
- T16m - 16-pin connector
- T40 - 40-pin connector
- T52b - 52-pin connector
- 44 - Ground connection on A-pillar, lower left
- 367 - Ground connection 2 (in main wiring harness)
- 508 - Terminal 30 threaded connection (on E-box)
- 605 - Ground



ws = white

sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink














connection
on upper
steering
column 
A217 - Positive
connection 8
(15a) (in
instrument
panel wiring
harness)
B163 - Positive
connection 1
(15) (in
interior wiring
harness)

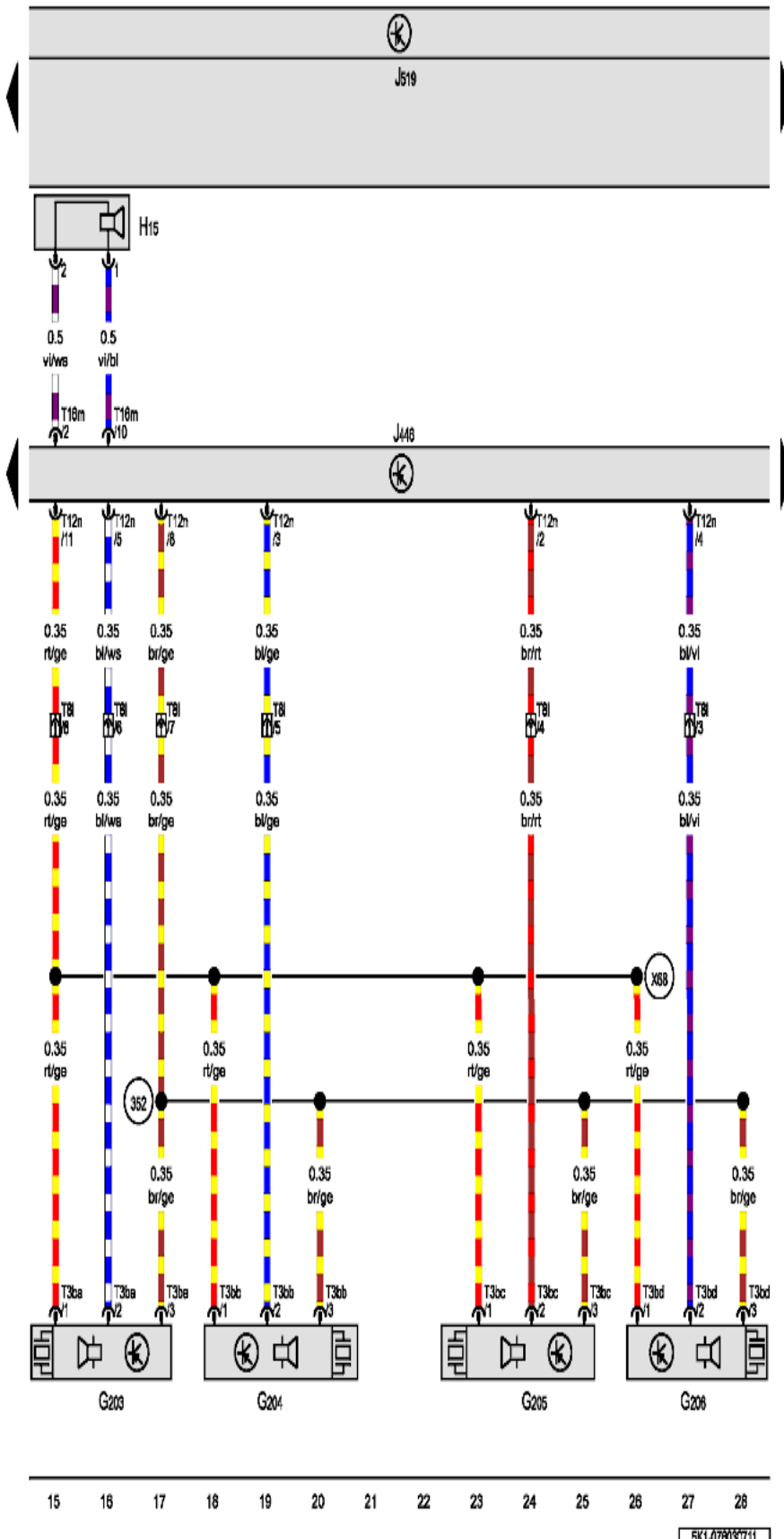
Golf

Wiring Diagram

No. 76 / 3

Left rear parking aid sensor, Left rear center parking aid sensor, Right rear center parking aid sensor, Right rear parking aid sensor, Rear parking aid warning buzzer, Parking aid control module

- G203- Left rear parking aid sensor  
- G204- Left rear center parking aid sensor  
- G205- Right rear center parking aid sensor 
- G206- Right rear parking aid sensor  
- H15 - Rear parking aid warning buzzer  
- J446 - Parking aid control module, behind the instrument panel, left  
- J519 - Vehicle electrical system control module 
- T3ba - 3-pin connector
- T3bb - 3-pin connector
- T3bc - 3-pin connector
- T3bd - 3-pin connector
- T8l - 8-pin connector, behind the right rear bumper 
- T12n - 12-pin connector
- T16m - 16-pin



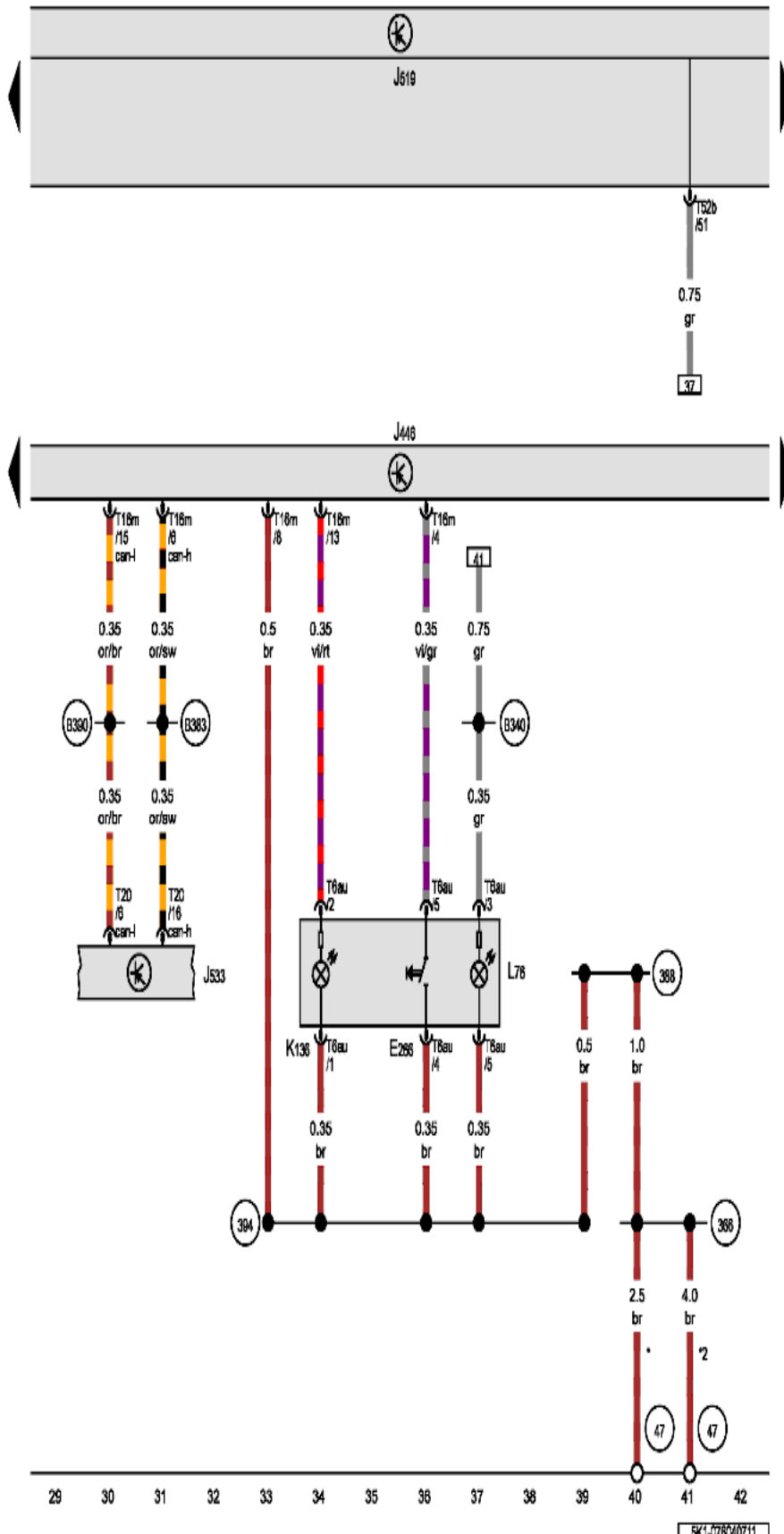
ws = white
sw = black

ro = red		connector
rt = red		- Parking aid
br = brown	352	ground
gn = green		connection
bl = blue		(in rear
gr = grey		bumper
li = lilac		wiring
vi = lilac		harness)
ge = yellow		- Parking aid
or = orange	X68	connection
rs = pink		(in rear
		bumper
		wiring
		harness)

Golf

Wiring Diagram

No. 76 / 4



Parking aid button, Parking aid control module, Data bus on board diagnostic interface

- E266 - Parking aid button
- J446 - Parking aid control module, behind the instrument panel, left
- J519 - Vehicle electrical system control module
- J533 - Data bus on board diagnostic interface, in the left footwell, near the center console
- K136 - Parking aid indicator lamp
- L76 - Push button illumination bulb
- T6au - 6-pin connector
- T16m - 16-pin connector
- T20 - 20-pin connector
- T52b - 52-pin connector
- 47 - Ground connection in right front footwell
- 366 - Ground connection 1 (in main wiring harness)
- 388 - Ground connection 23 (in main wiring harness)
- 394 - Ground



- connection 29 (in main wiring harness)
- B340 - Connection 1 (58d) (in main wiring harness)
- B383 - Powertrain CAN bus high connection 1 (in main wiring harness)
- B390 - Powertrain CAN bus low connection 1 (in main wiring harness)
- * - Only for vehicles without Start/Stop system
- *2 - Only for vehicles with Start/Stop system



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink



Golf


Wiring Diagram



No. 76 / 5



Right front parking aid sensor, Right front center parking aid sensor, Left front center parking aid sensor, Left front parking aid sensor, Front parking aid warning buzzer, Parking aid control module



G252- Right front parking aid sensor  


G253- Right front center parking aid sensor  

G254- Left front center parking aid sensor  

G255- Left front parking aid sensor  

H22 - Front parking aid warning buzzer  

J446 - Parking aid control module, behind the instrument panel, left  

J519 - Vehicle electrical system control module 

T3bi - 3-pin connector

T3bj - 3-pin connector

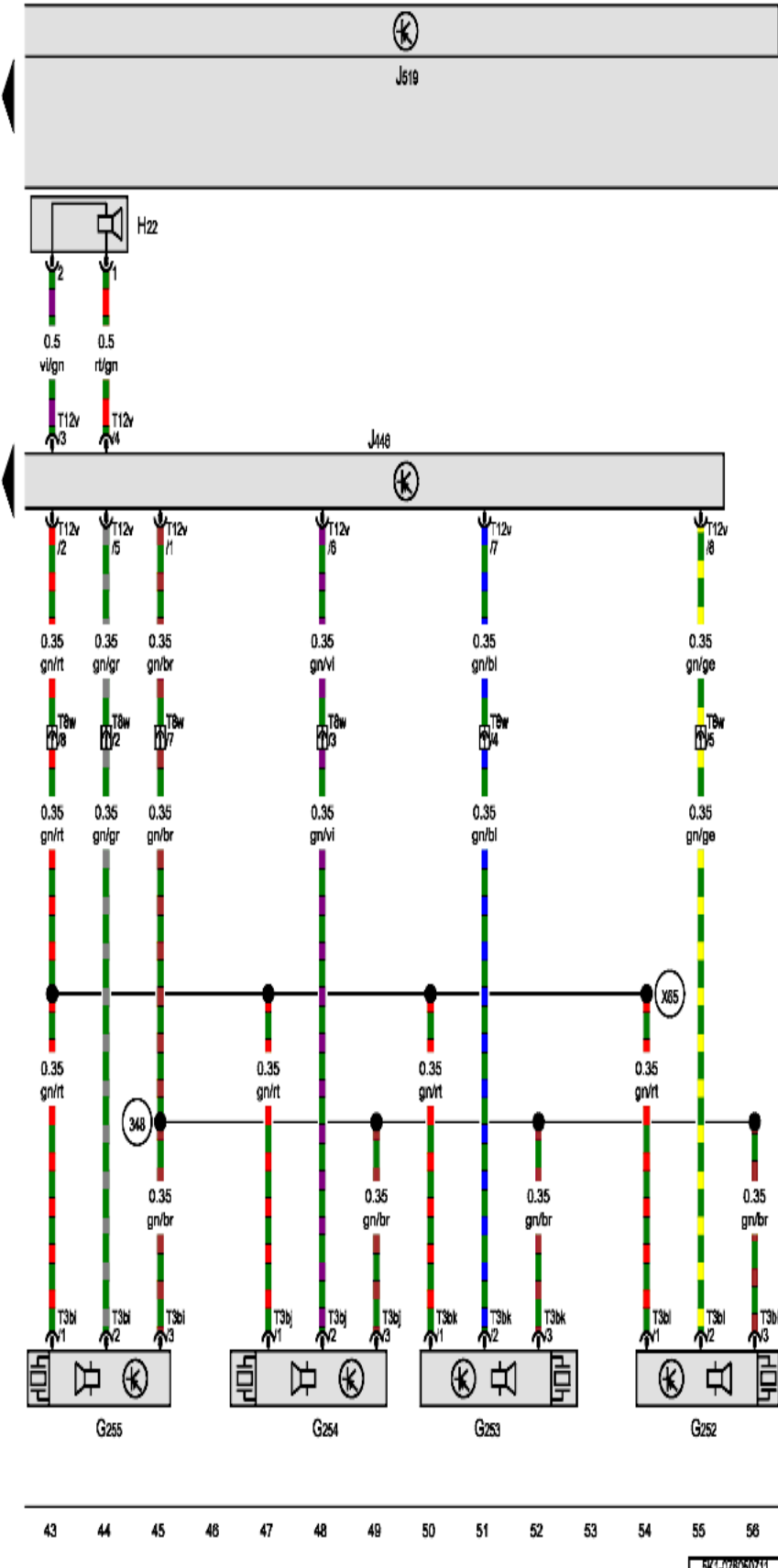
T3bk - 3-pin connector

T3bl - 3-pin connector

T8w - 8-pin connector, near the left headlamp

T12v - 12-pin connector

348 - Parking aid ground



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green

bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

X65

connection
(in front
bumper
wiring
harness)
- Parking aid
connection
(in front
bumper
wiring
harness)

Golf

Wiring Diagram

No. 78 / 1

11.2010

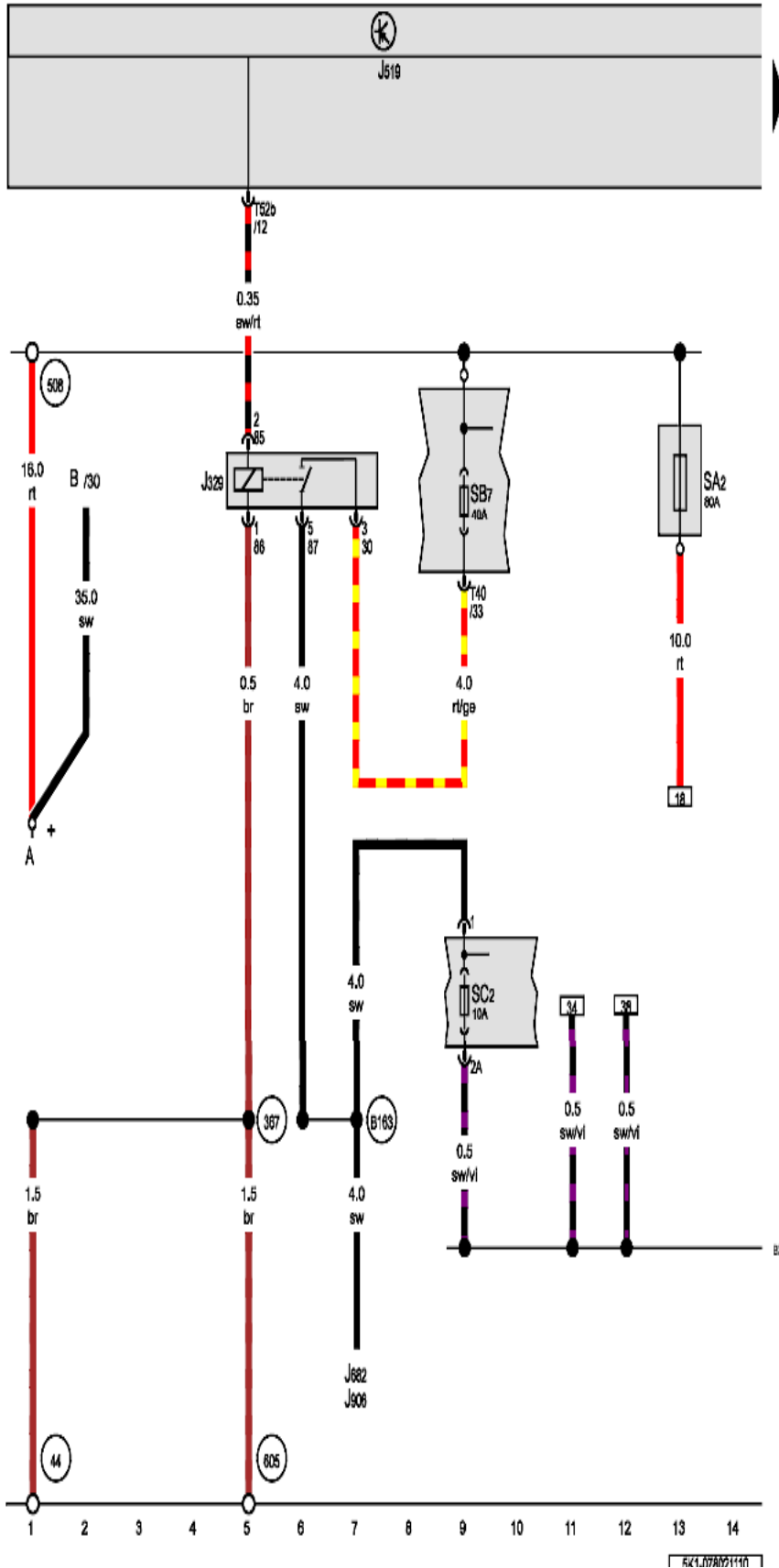
Electromechanical steering

From September 2009

Golf

Wiring Diagram

No. 78 / 2



Terminal 15 power supply relay, Fuse 2 (on fuse panel A), Fuse 2 (on fuse panel C), Fuse 7 (on fuse panel B)

- A - Battery
- B - Starter
- J329 - Terminal 15 power supply relay 📷
- J519 - Vehicle electrical system control module 📷
- J682 - Terminal 50 power supply relay 📷
- J906 - Starter relay 1 📷
- SA2 - Fuse 2 (on fuse panel A) 📷
- SC2 - Fuse 2 (on fuse panel C) 📷
- SB7 - Fuse 7 (on fuse panel B) 📷
- T40 - 40-pin connector
- T52b - 52-pin connector
- 44 - Ground connection on A-pillar, lower left 📷
- 367 - Ground connection 2 (in main wiring harness)
- 508 - Terminal 30 threaded connection (on E-box)
- 605 - Ground connection on upper steering column 📷
- B163 - Positive connection 1

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac

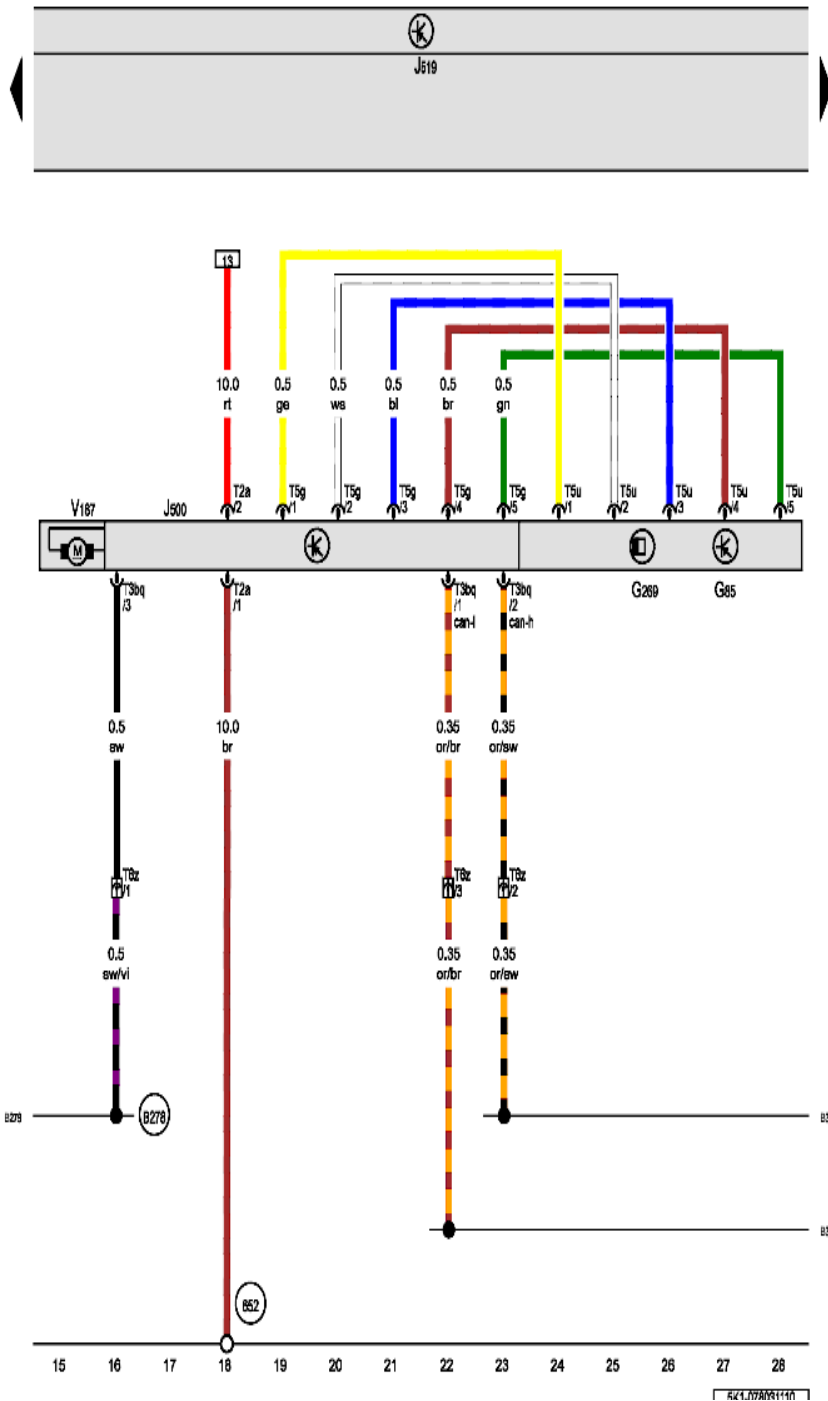
ge = yellow
or = orange
rs = pink

(15) (in
interior wiring
harness)
- Positive
B278 connection 2
(15a) (in
main wiring
harness)

Golf

Wiring Diagram

No. 78 / 3



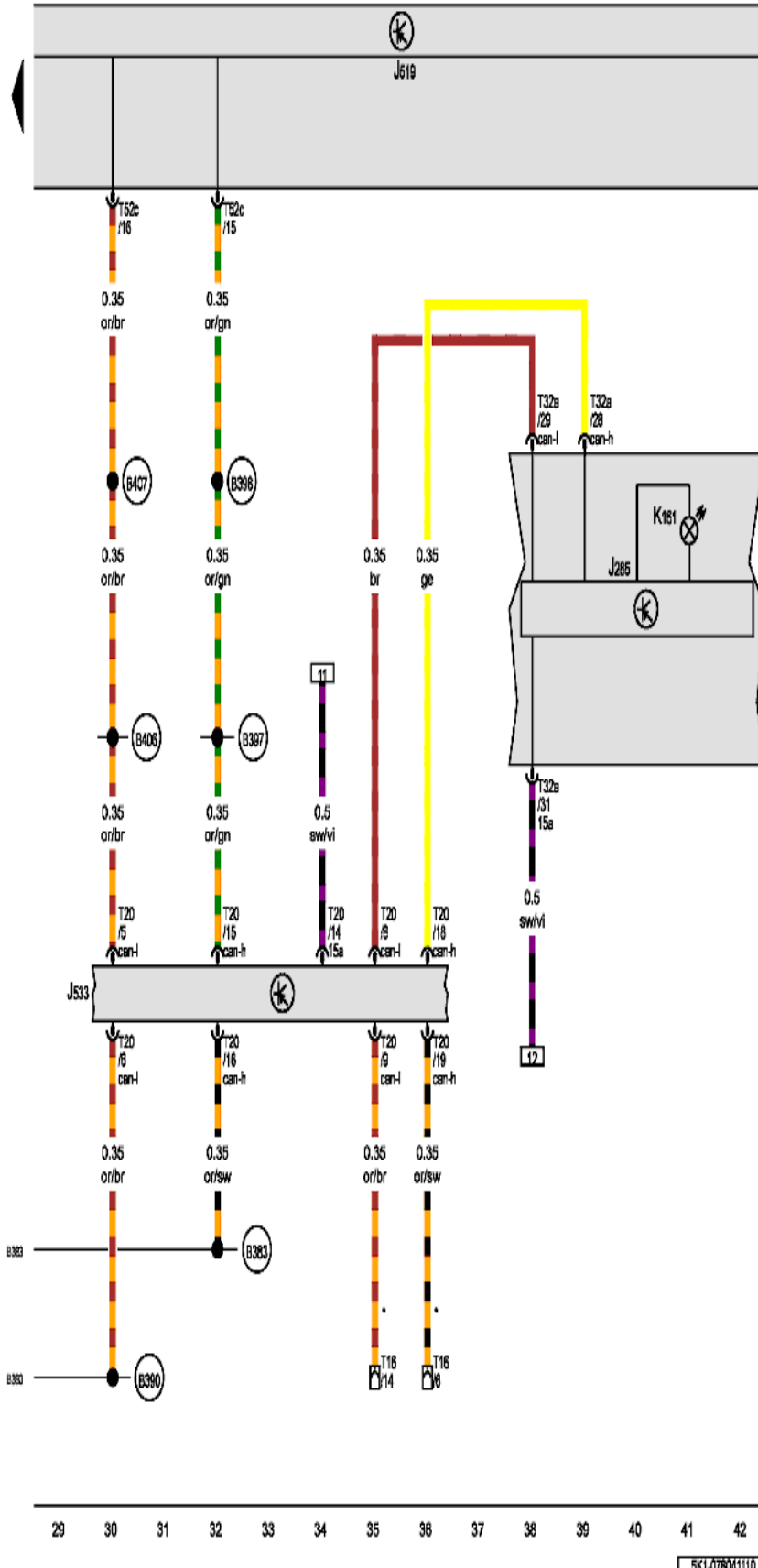
**Steering angle sensor,
Steering torque sensor,
Power steering control module,
Electromechanical power steering motor**

- G85 - Steering angle sensor
- G269 - Steering torque sensor
- J500- Power steering control module, on the front axle support
- J519 - Vehicle electrical system control module
- T2a - Double connector
- T3bq - 3-pin connector
- T5g - 5-pin connector
- T5u - 5-pin connector
- T6z - 6-pin connector, near the left headlamp
- V187 - Electromechanical power steering motor
- 652 - Transmission/engine ground connection
- B278 - Positive connection 2 (15a) (in main wiring harness)
- B383 - Powertrain CAN bus high connection 1 (in main wiring harness)
- B390 - Powertrain CAN bus low connection 1 (in main wiring harness)

Golf

Wiring Diagram

No. 78 / 4



Instrument cluster control module, Data bus on board diagnostic interface, Electromechanical power steering indicator lamp

- J285 - Instrument cluster control module
- J519 - Vehicle electrical system control module
- J533 - Data bus on board diagnostic interface, in the left footwell, near the center console
- K161- Electromechanical power steering indicator lamp
- T16 - 16-pin connector
- T20 - 20-pin connector
- T32a - 32-pin connector
- T52c - 52-pin connector
- B383 - Powertrain CAN bus high connection 1 (in main wiring harness)
- B390 - Powertrain CAN bus low connection 1 (in main wiring harness)
- B397 - Comfort system CAN bus high connection 1 (in main wiring harness)
- B398 - Comfort system CAN bus high connection 2 (in main wiring harness)
- B406 - Comfort system CAN bus low



ws = white
 sw = black
 ro = red
 rt = red
 br = brown

gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

connection 1
(in main wiring
harness)
B407 - Comfort
system CAN
bus low
connection 2
(in main wiring
harness)
* - Diagnostic
connector

Golf

Wiring Diagram

No. 28 / 1

01.2010

Radio/Navigation System with 'Dynaudio'

- External Audio Source Connector
- 4 Speakers, 8 Speakers
- CD Changer
- Voltage Stabilizer (stop/start system)

from July 2008

Note:

Information for

- ◆ Relay and fuse arrangements
- ◆ Connector arrangements
- ◆ Control Modules and Relays
- ◆ Ground connections

→ Component Locations

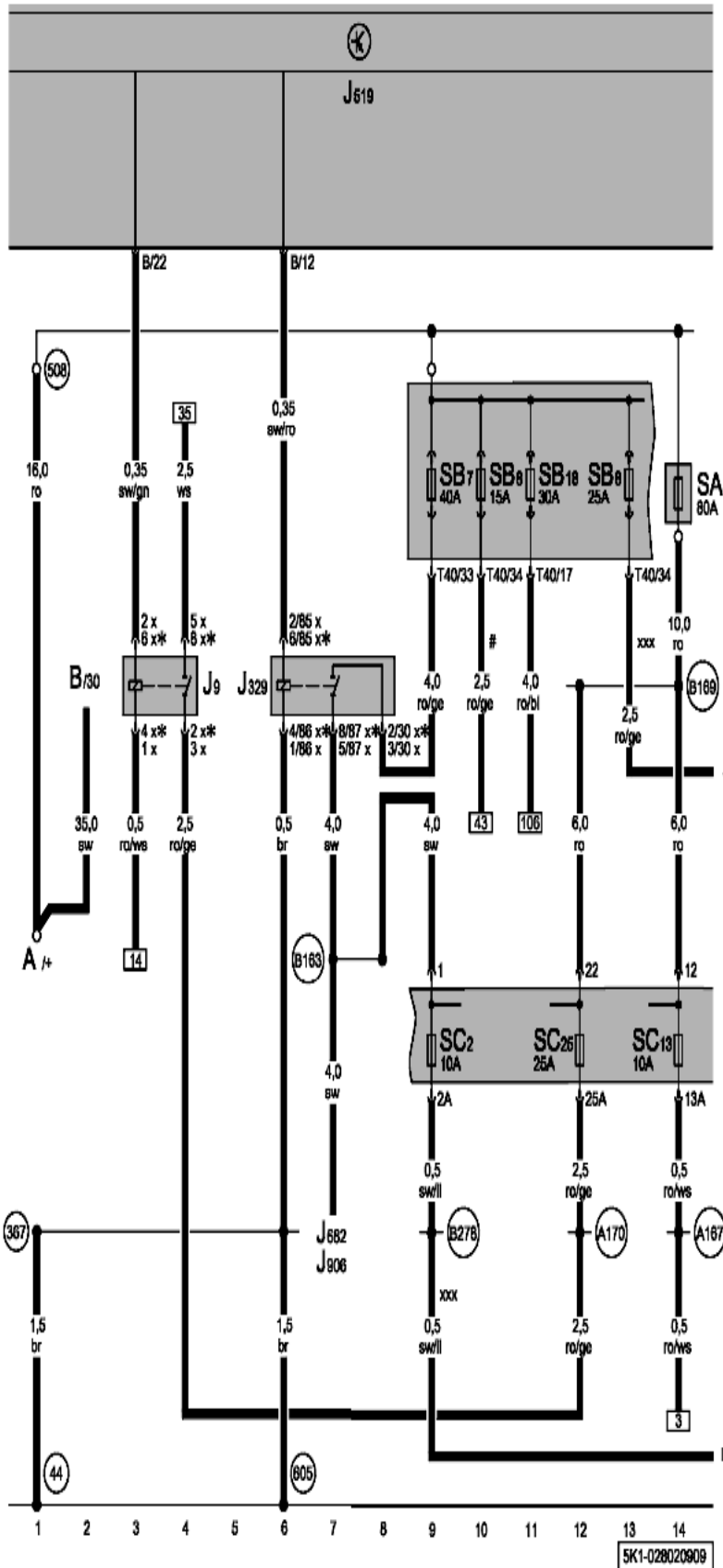
Information for

- ◆ Troubleshooting Procedures
- Guided Fault Finding using VAS 5051 / 5052

Golf


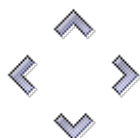

Wiring Diagram

No. 28 / 2



Rear Window Defogger Relay, Power Supply Relay (terminal 15)

- A - Battery
- B - Starter
- J9 - Rear Window Defogger Relay
- J329 - Power Supply Relay (terminal 15) (53)
- J519 - Vehicle Electrical System Control Module
- J682 - Power Supply Relay (terminal 50)
- J906 - Starter Relay 1
- SA5 - Fuse 5 (on fuse panel A)
- SB7 - Fuse 7 (on fuse panel B)
- SB8 - Fuse 8 (on fuse panel B)
- SB18 - Fuse 18 (on fuse panel B)
- SC2 - Fuse 2 (on fuse panel C)
- SC13 - Fuse 13 (on fuse panel C)
- SC25 - Fuse 25 (on fuse panel C)
- T40 - 40-Pin Connector
- 44 - Ground Connection (on left lower A-pillar)
- 367 - Ground Connection 2

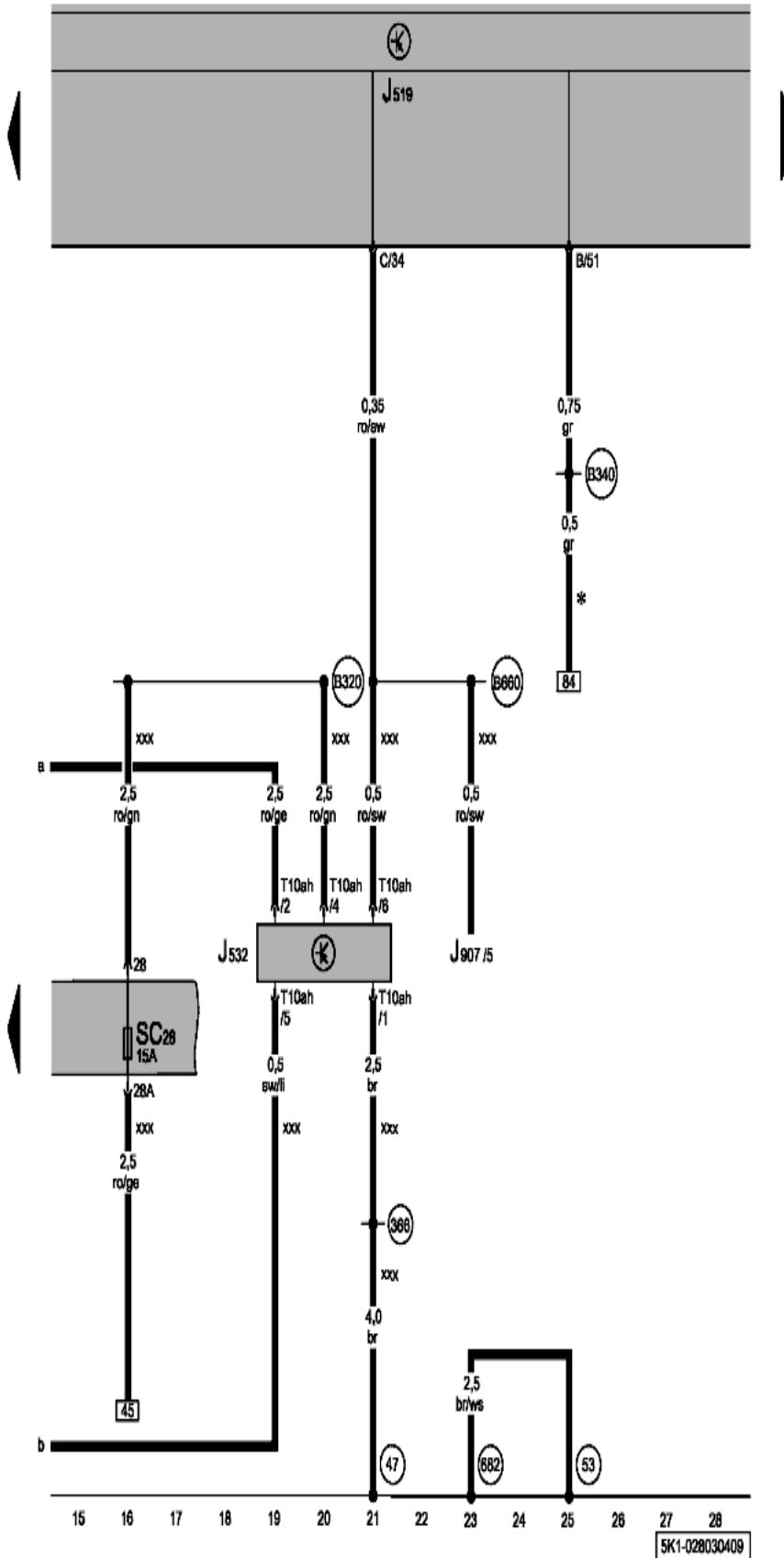
		(in main wiring harness)
508	- Threaded Connection terminal 30 (on electronics box)	
605	- Ground Connection (on upper steering column) 	
A167	- Plus Connection 3 (30a) (in instrument panel wiring harness)	
B170	- Plus Connection 2 (30) (in interior wiring harness)	
B163	- Plus Connection 1 (15) (in interior wiring harness)	
B169	- Plus Connection 1 (30) (in interior wiring harness)	
B278	- Plus Connection 2 (15a) (in main wiring harness)	
#	- Only models without stop/start system	
xxx	- Only models with stop/start system	
x	- From November 2009	
x*	- Through October 2009	

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 28 / 3



Voltage Stabilizer

- J519 - Vehicle Electrical System Control Module
- J532 - Voltage Stabilizer
- J907 - Starter Relay 2
- SC28 - Fuse 28 (on fuse panel C)
- T10ah - 10-Pin Connector
- 47 - Ground Connection (in front right footwell)
- 53 - Ground Connection (in rear lid, right)
- 366 - Ground Connection 1 (in main wiring harness)
- 682 - Ground Connection 2 (in right rear side panel)
- B320 - Plus Connection 6 (30a) (in main wiring harness)
- B340 - Connection 1 (58d) (in main wiring harness)
- B660 - Connection (diagnostic, terminal 50) in main wiring harness
- * - Only models with CD changer/ CD changer preparation
- xxx - Only models with stop/start



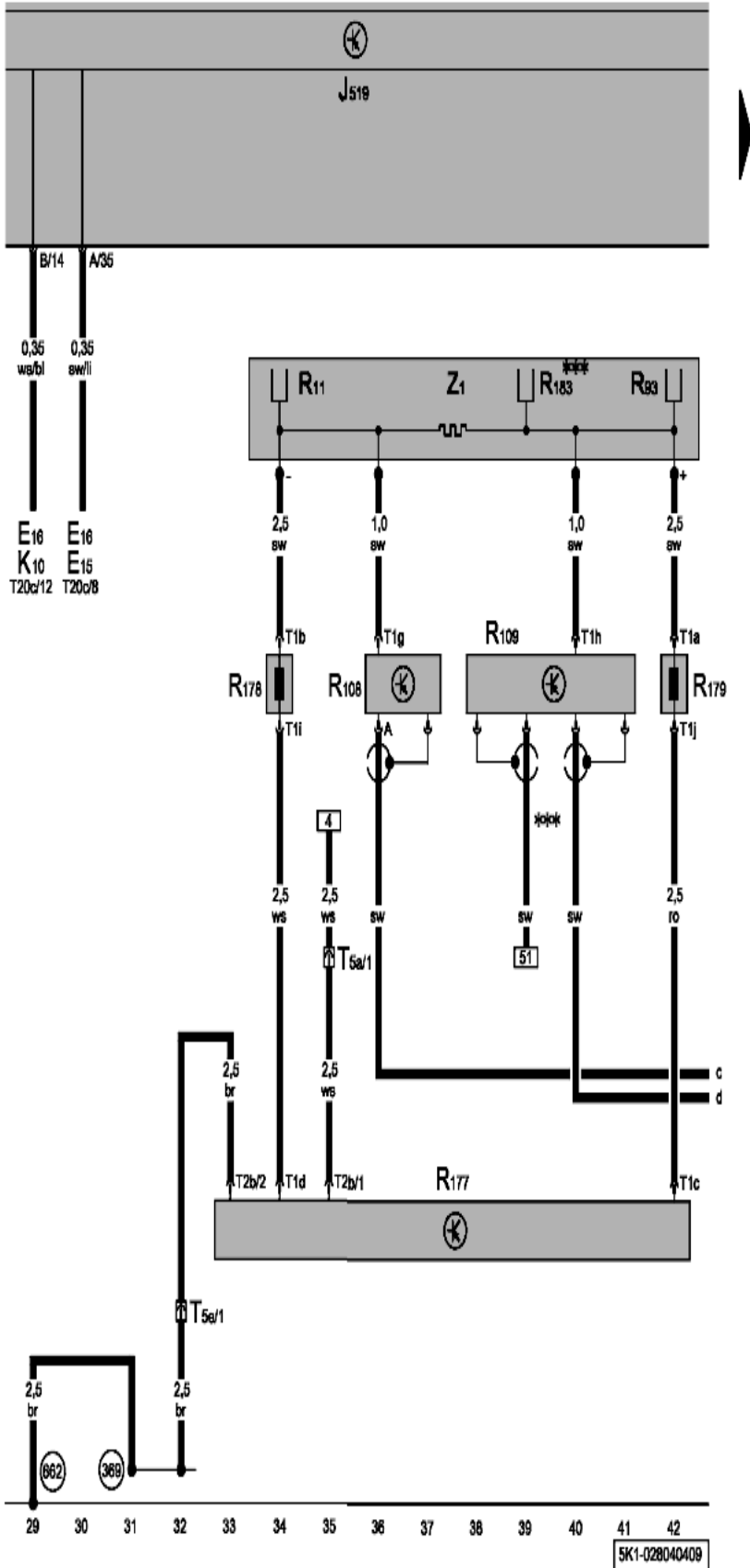
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

system

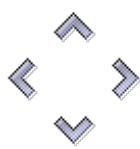




Golf

Wiring Diagram

No. 28 / 4



- Antennas, Heated Rear Window, Antenna Modules, AM and FM
- Frequency Filter
- E15 - Rear Window Defogger Switch
- E16 - Heater/Heat Output Switch
- J519 - Vehicle Electrical System Control Module
- K10 - Rear Window Defogger Indicator Lamp
- R11 - Antenna
- R93 - Radio Antenna 2
- R108 - Left Antenna Module
- R109 - Right Antenna Module
- R177 - AM Frequency Filter, in rear lid
- R178 - FM Frequency Filter (in negative wire)
- R179 - FM Frequency Filter (in positive wire)
- R183 - Digital Radio Antenna
- T1a - Single Connector
- T1b - Single Connector
- T1c - Single Connector
- T1d - Single Connector

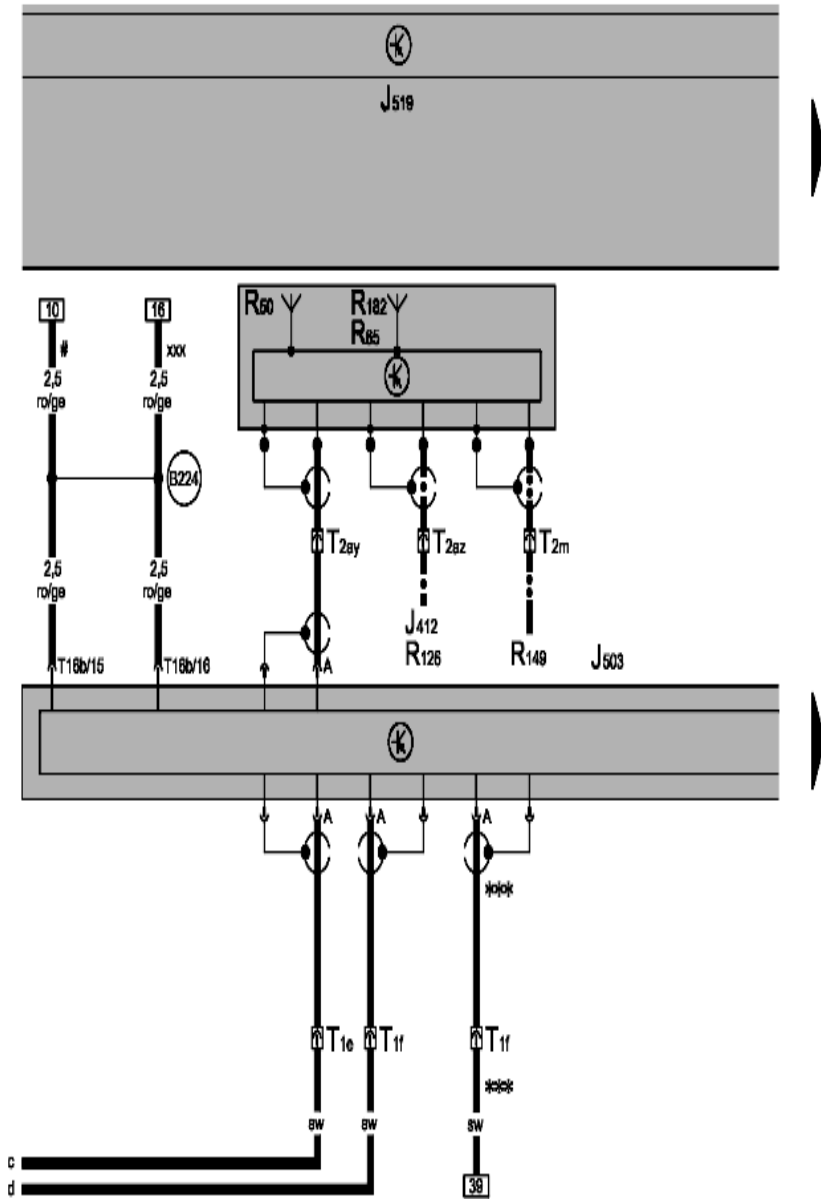
	T1g	- Single Connector
	T1h	- Single Connector
	T1i	- Single Connector
	T1j	- Single Connector
	T2b	- Double Connector
	T5a	- 5-Pin Connector, black, in left rear side panel 
	T5e	- 5-Pin Connector, pink, in left rear side panel 
	T20c	- 20-Pin Connector
	Z1	- Heated Rear Window
	369	- Ground Connection 4 (in main wiring harness)
	662	- Ground Connection (on left rear side panel) 
	***	- Only Digital Radio Antenna

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 28 / 5



- Radio/Navigation Display Control Module, Antennas**
- J412 - Operating Electronics and Telephone Control Module 📷
- J503- Radio/Navigation Display Control Module 📷
- J519 - Vehicle Electrical System Control Module 📷
- J533 - Data Bus On Board Diagnostic Interface 📷
- R50 - Navigation System Antenna 📷
- R65 - Telephone Antenna 📷
- R126 - Telephone Baseplate
- R149 - Auxiliary Engine Coolant Heating RF Receiver 📷
- R182 - Auxiliary Heater Antenna 📷
- T1e - Single Connector, behind right C-pillar trim 📷
- T1f - Single Connector, behind right C-pillar trim 📷
- T2ay - Double Connector, near roof antenna 📷
- T2az - Double Connector, near roof antenna 📷
- T2m - Double

43 44 45 46 47 48 49 50 51 52 53 54 55 56

5K1-028050409



Connector,
near roof
antenna 



T16b - 16-Pin
Connector



B224 - Radio
Connection 1
(in interior
wiring
harness)



-●- - Only models
with
telephone/
telephone
preparation

-●●- - Only models
with auxiliary
engine
coolant
heating RF
receiver

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

*** - Only Digital
Radio
Antenna

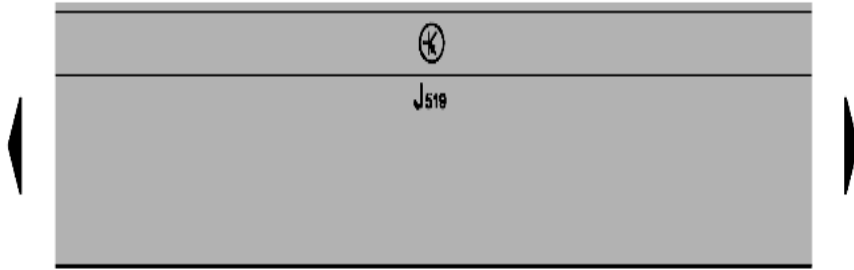
- Only models
without
stop/start
system

xxx - Only models
with stop/start
system

Golf

Wiring Diagram

No. 28 / 6



Radio/Navigation Display Control Module, Operating Electronics and Telephone Control Module

J412 - Operating Electronics and Telephone Control Module

J503- Radio/Navigation Display Control Module

J519 - Vehicle Electrical System Control Module

J533 - Data Bus On Board Diagnostic Interface

T12g - 12-Pin Connector

T16b - 16-Pin Connector

T20 - 20-Pin Connector

T54 - 54-Pin Connector

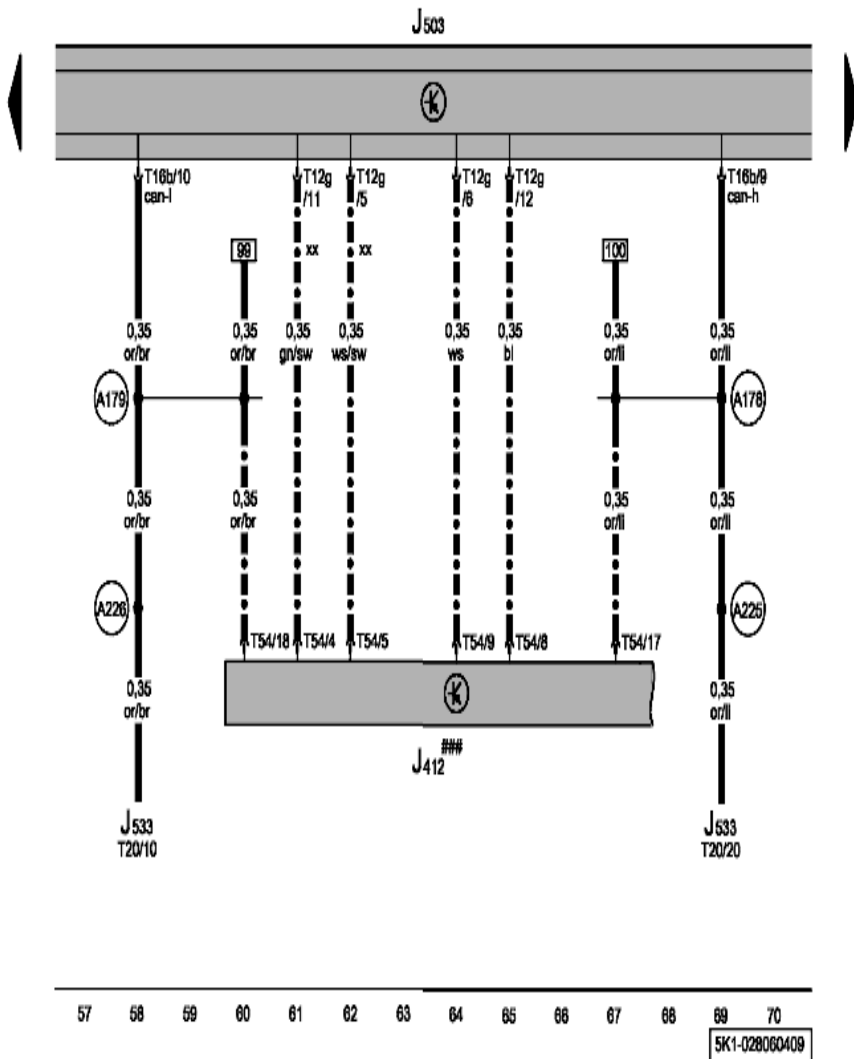
A178 - Infotainment High-Bus Connection (in instrument panel wiring harness)

A179 - Infotainment Low-bus Connection (in instrument panel wiring harness)

A225 - Infotainment High-Bus Connection 2 (in instrument panel wiring harness)

A226 - Infotainment Low-bus Connection 2 (in instrument panel wiring harness)

- Components



57 58 59 60 61 62 63 64 65 66 67 68 69 70
5K1-028060409

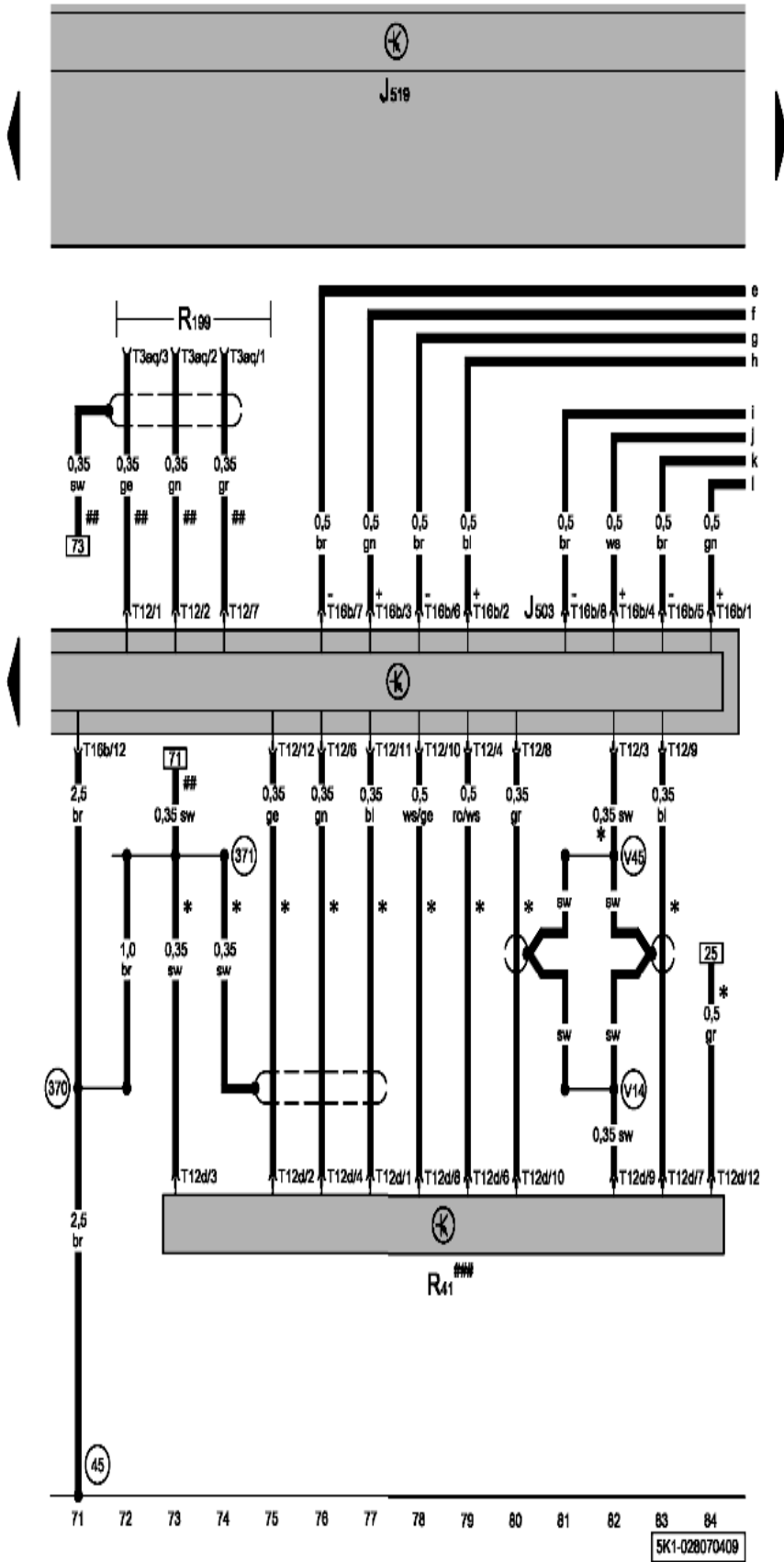
ws = white

sw = black		not available
ro = red		on system
rt = red		preparation
br = brown		
gn = green	-●-	- Only models
bl = blue		with
gr = grey		telephone/
li = lilac		telephone
vi = lilac		preparation
ge = yellow		
or = orange	xx	- Only
rs = pink		Universal
		Cellular
		Telephone
		Preparation
		(UHV) Low

Golf

Wiring Diagram

No. 28 / 7



Radio/Navigation Display Control Module, CD Changer, External Audio Source Connector

- J519 - Vehicle Electrical System Control Module
- J503- Radio/Navigation Display Control Module
- R41 - CD Changer
- R199 - External Audio Source Connector
- T3aq - 3-Pin Connector, in glove compartment
- T12 - 12-Pin Connector
- T12d - 12-Pin Connector
- T16b - 16-Pin Connector
- 45 - Ground Connection (behind instrument panel, center)
- 370 - Ground Connection 5 (in main wiring harness)
- 371 - Ground Connection 6 (in main wiring harness)
- V14 - Connection (shielding) (in CD-changer wiring harness)
- V45 - Connection 2 (shielding)(in CD changer wiring harness)
- * - Only models with CD changer/ CD



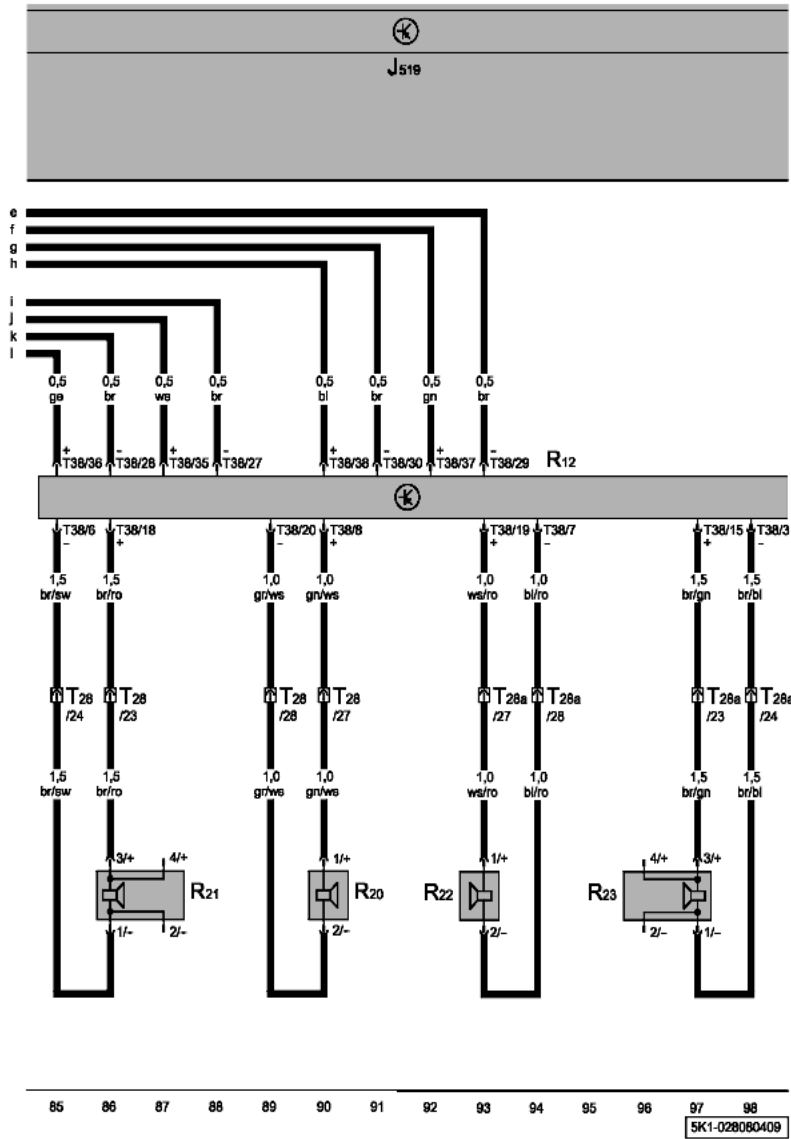
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green

bl	= blue		changer
gr	= grey		preparation
li	= lilac	##	- Only external
vi	= lilac		audio
ge	= yellow		connector in
or	= orange		glove
rs	= pink		compartment
		###	- Components
			not available
			on system
			preparation

Golf

Wiring Diagram

No. 28 / 8

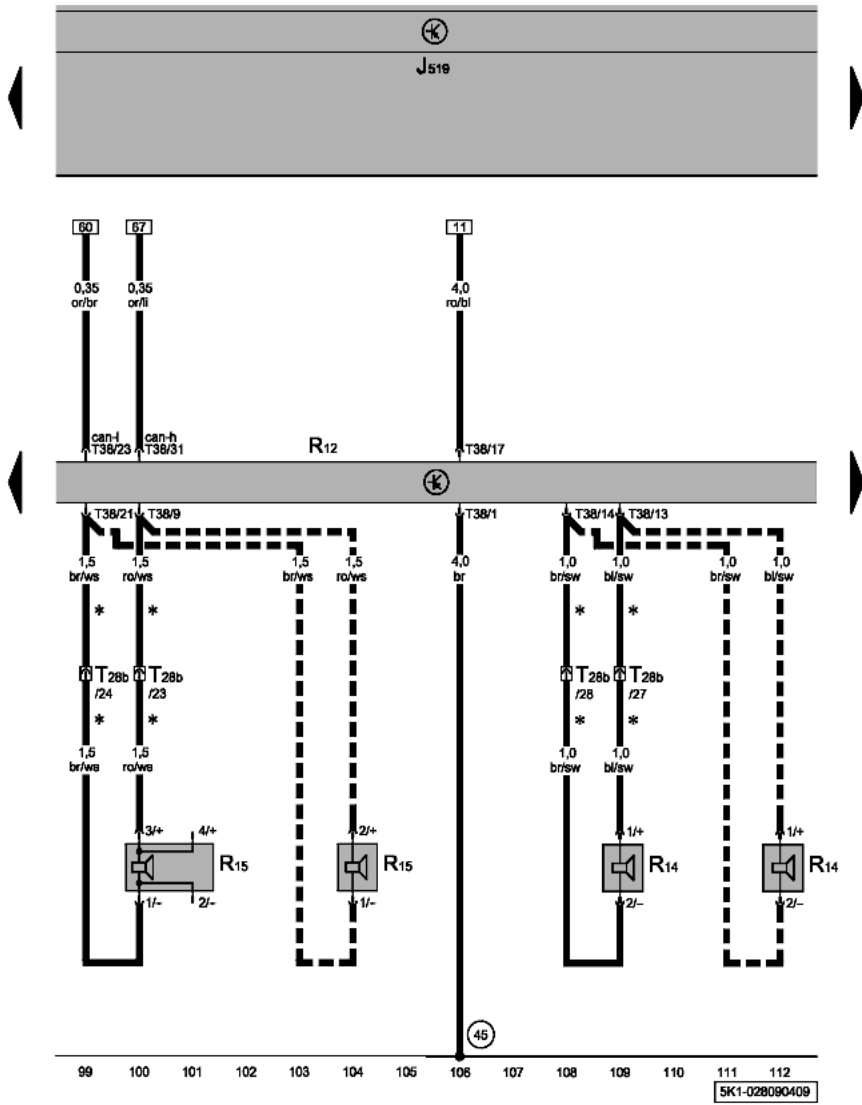


- Amplifier, Left Front Speaker, Right Front Speaker**
 - J519 - Vehicle Electrical System Control Module 📷
 - R12 - Amplifier, below driver's seat 📷 📷
 - R20 - Left Front Treble Speaker 📷
 - R21 - Left Front Bass Speaker 📷
 - R22 - Right Front Treble Speaker 📷
 - R23 - Right Front Bass Speaker 📷
 - T38 - 38-Pin Connector
 - T28 - 28-Pin Connector, connector station A-pillar, left 📷
 - T28a - 28-Pin Connector, connector station A-pillar, right 📷
- ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 28 / 9



- Amplifier, Left Rear Speaker**
- J519 - Vehicle Electrical System Control Module
 - R12 - Amplifier, below driver's seat
 - R14 - Left Rear Treble Speaker
 - R15 - Left Rear Bass Speaker
 - T28b - 28-Pin Connector, connector station B-pillar, left
 - T38 - 38-Pin Connector
 - 45 - Ground Connection (behind instrument panel, center)
 - * - Only 4-door models
 - - Only 2-door models

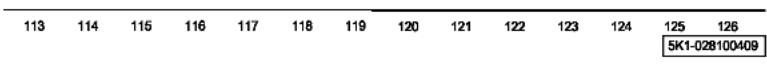
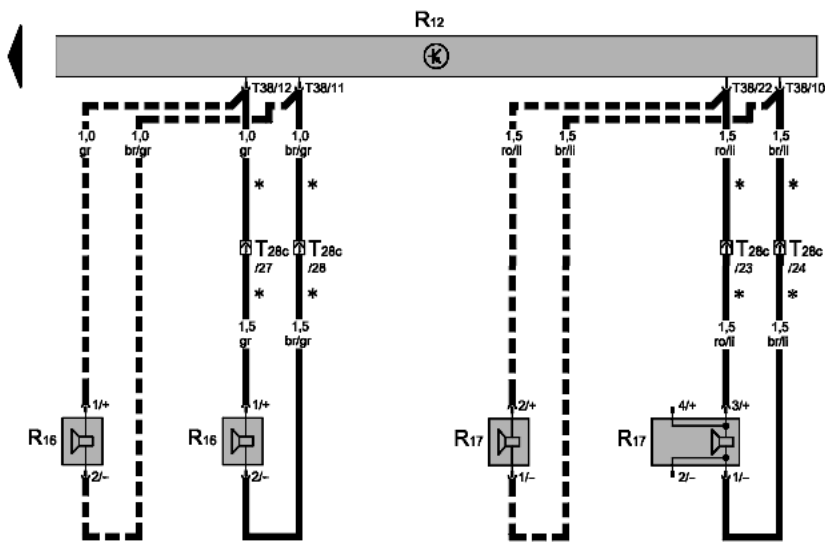
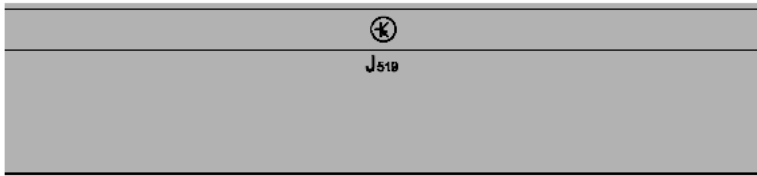
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

5K1-028090409

Golf

Wiring Diagram

No. 28 / 10



- Radio, Right Rear Speaker**
- J519 - Vehicle Electrical System Control Module
 - R12 - Amplifier, below driver's seat
 - R16 - Right Rear Treble Speaker
 - R17 - Right Rear Bass Speaker
 - T24 - 24-Pin Connector
 - T28c - 28-Pin Connector, connector station B-pillar, right
- * - Only 4-door models
 --- - Only 2-door models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

Golf

Wiring Diagram

No. 27 / 1

01.2010

Radio/Navigation System RNS 310, RNS 510

- External Audio Source Connector
- 4 Speakers, 8 Speakers
- CD Changer
- Voltage Stabilizer (stop/start system)

from July 2008

Note:

Information for

- ◆ Relay and fuse arrangements
- ◆ Connector arrangements
- ◆ Control Modules and Relays
- ◆ Ground connections

→ Component Locations

Information for

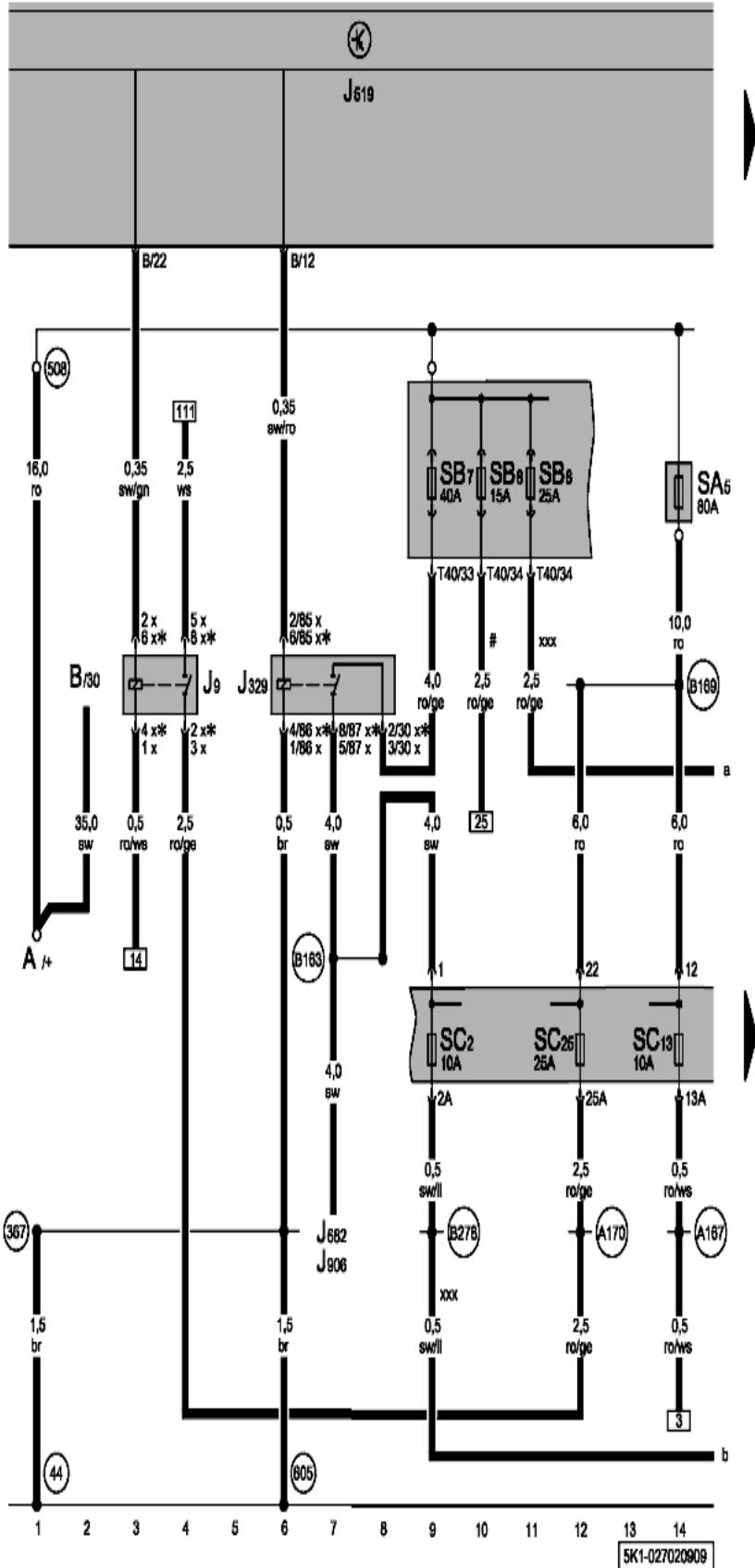
- ◆ Troubleshooting Procedures

→ Guided Fault Finding using VAS 5051 / 5052

Golf


Wiring Diagram

No. 27 / 2

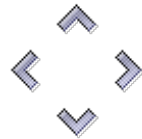


- Rear Window Defogger Relay, Power Supply Relay (terminal 15)**
- A - Battery
 - B - Starter
 - J9 - Rear Window Defogger Relay
 - J329 - Power Supply Relay (terminal 15) (53)
 - J519 - Vehicle Electrical System Control Module
 - J682 - Power Supply Relay (terminal 50)
 - J906 - Starter Relay 1
 - SA5 - Fuse 5 (on fuse panel A)
 - SB7 - Fuse 7 (on fuse panel B)
 - SB8 - Fuse 8 (on fuse panel B)
 - SC2 - Fuse 2 (on fuse panel C)
 - SC13 - Fuse 13 (on fuse panel C)
 - SC25 - Fuse 25 (on fuse panel C)
 - T40 - 40-Pin Connector
 - 44 - Ground Connection (on left lower A-pillar)
 - 367 - Ground Connection 2 (in main wiring harness)
 - Threaded

508 Connection terminal 30 (on electronics box)

605 - Ground Connection (on upper steering column) 

A167 - Plus Connection 3 (30a) (in instrument panel wiring harness)



B170 - Plus Connection 2 (30) (in interior wiring harness)



B163 - Plus Connection 1 (15) (in interior wiring harness)



B169 - Plus Connection 1 (30) (in interior wiring harness)

B278 - Plus Connection 2 (15a) (in main wiring harness)

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

- Only models without stop/start system

xxx - Only models with stop/start system

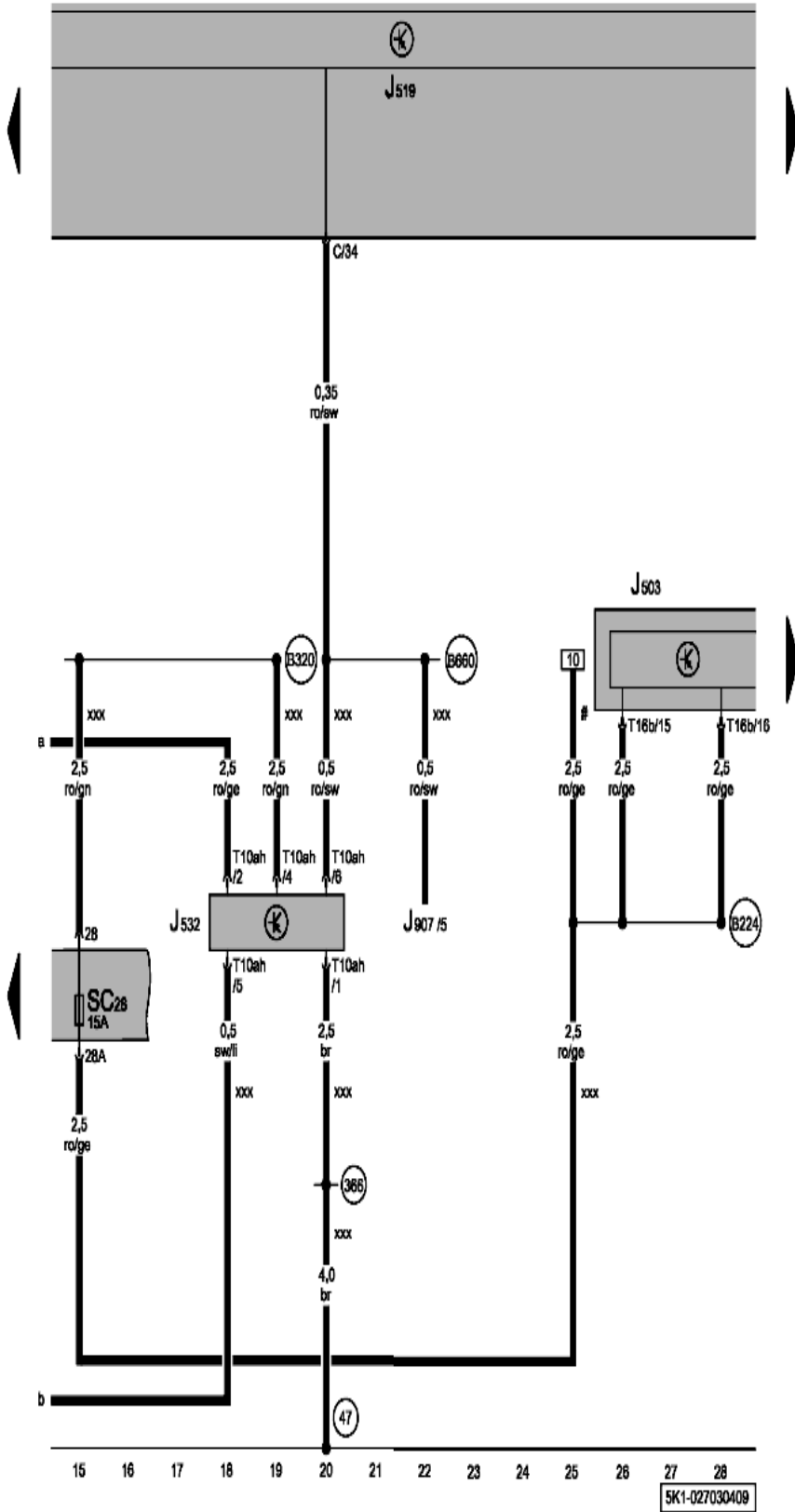
x - From November 2009

x* - Through October 2009

Golf

Wiring Diagram

No. 27 / 3



**Radio/Navigation
Display Control
Module, Voltage
Stabilizer**

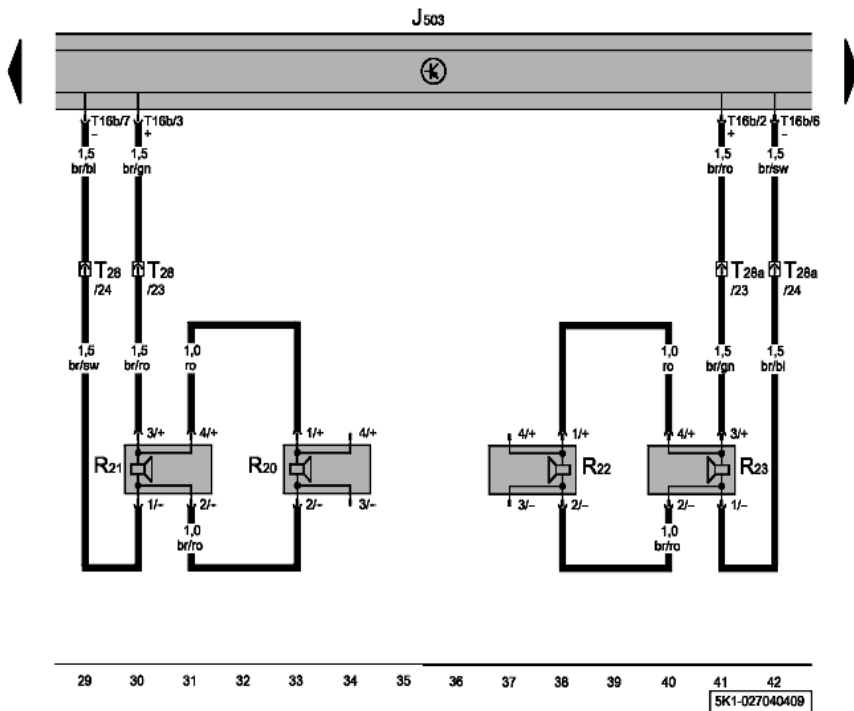
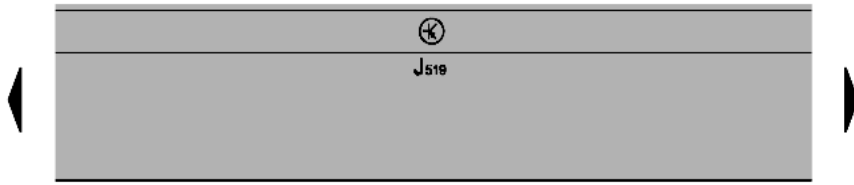
- J503- Radio/Navigation Display Control Module
- J519 - Vehicle Electrical System Control Module
- J532 - Voltage Stabilizer
- J907 - Starter Relay 2
- SC28 - Fuse 28 (on fuse panel C)
- T10ah - 10-Pin Connector
- T16b - 16-Pin Connector
- 47 - Ground Connection (in front right footwell)
- 366 - Ground Connection 1 (in main wiring harness)
- B224 - Radio Connection 1 (in interior wiring harness)
- B320 - Plus Connection 6 (30a) (in main wiring harness)
- B660 - Connection (diagnostic, terminal 50) in main wiring harness
- # - Only models without stop/start system
- xxx - Only models with stop/start system

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

Golf

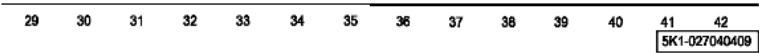
Wiring Diagram

No. 27 / 4



- Radio/Navigation Display Control Module, Front Speaker**
- J503- Radio/Navigation Display Control Module
 - J519 - Vehicle Electrical System Control Module
 - R20 - Left Front Treble Speaker
 - R21 - Left Front Bass Speaker
 - R22 - Right Front Treble Speaker
 - R23 - Right Front Bass Speaker
 - T16b - 16-Pin Connector
 - T28 - 28-Pin Connector, connector station A-pillar, left
 - T28a - 28-Pin Connector, connector station A-pillar, right

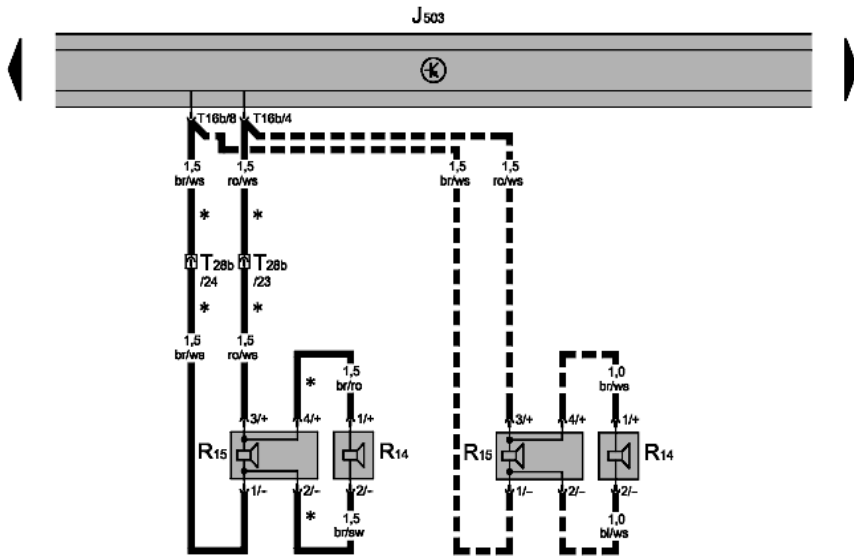
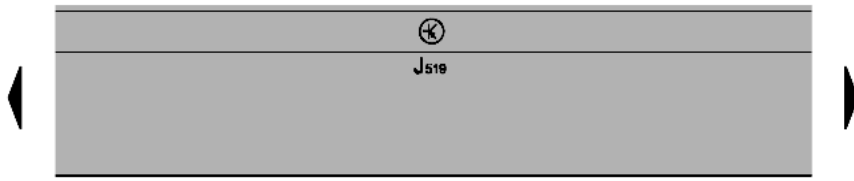
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink



Golf

Wiring Diagram

No. 27 / 5

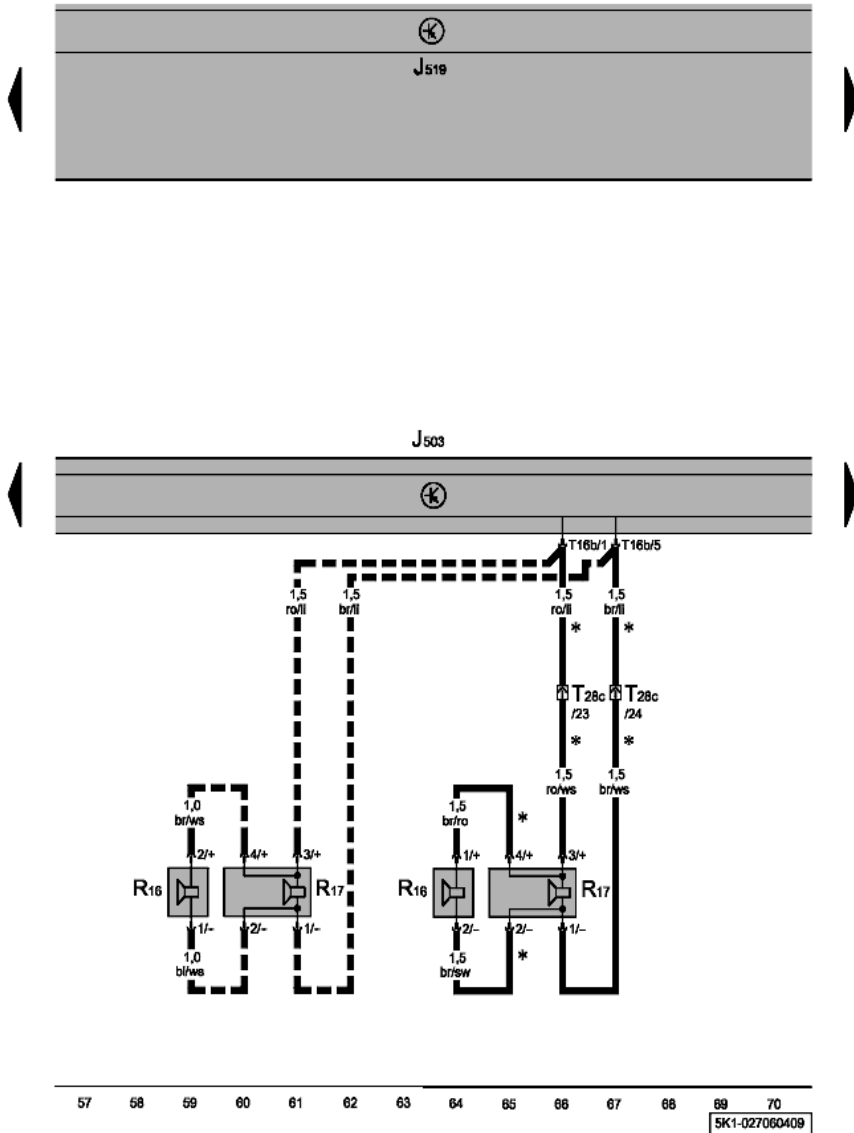


- Radio/Navigation Display Control Module, Left Rear Speaker**
 - J503- Radio/Navigation Display Control Module
 - J519 - Vehicle Electrical System Control Module
 - R - Radio
 - R14 - Left Rear Treble Speaker
 - R15 - Left Rear Bass Speaker
 - T16b - 16-Pin Connector
 - T28b - 28-Pin Connector, connector station B-pillar, left
 - * - Only 4-door models with rear speaker
 - - Only 2-door models with rear speaker
- ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 27 / 6

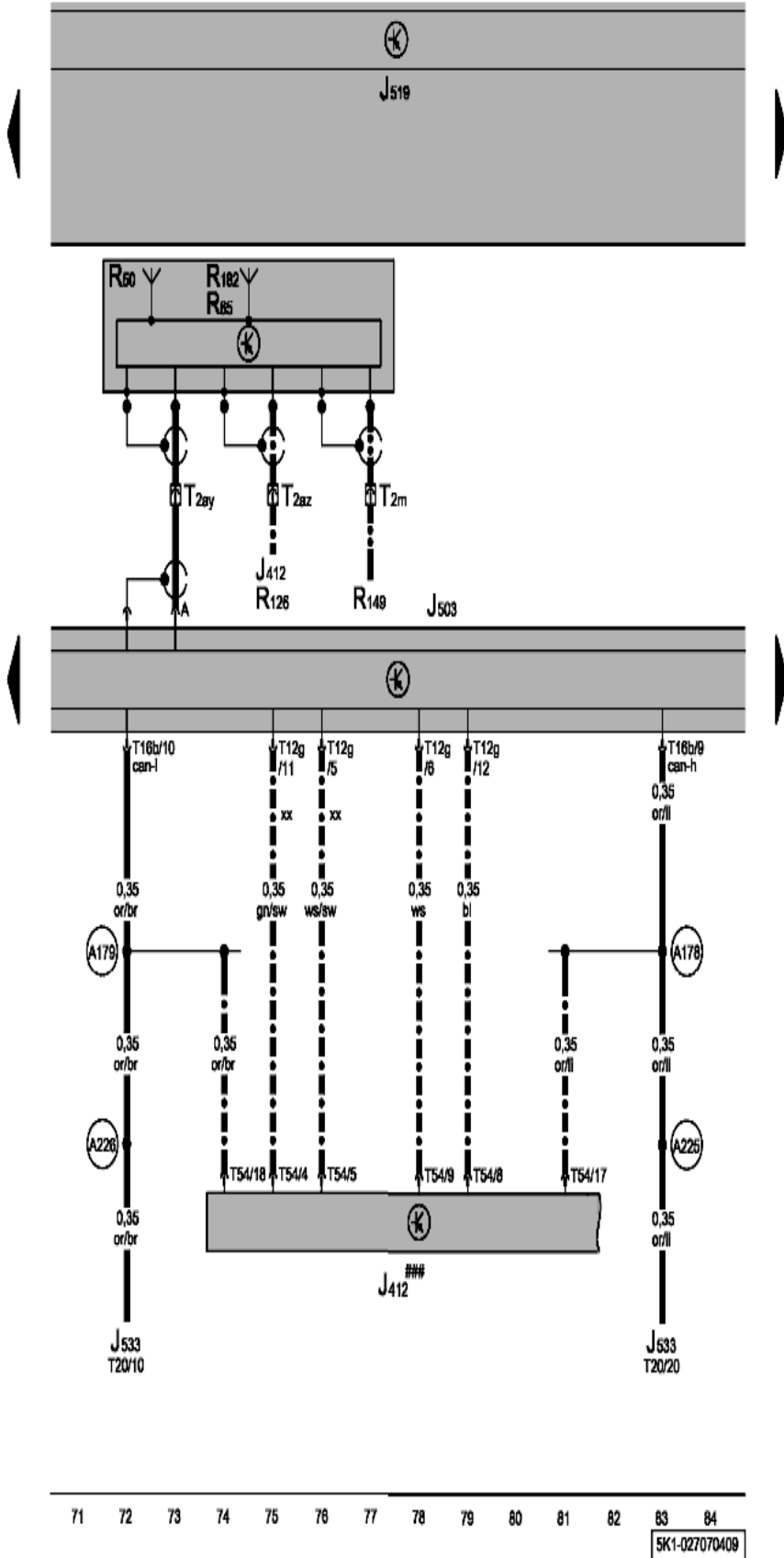


- Radio/Navigation Display Control Module, Right Rear Speaker**
- J503- Radio/Navigation Display Control Module
- J519 - Vehicle Electrical System Control Module
- J533 - Data Bus On Board Diagnostic Interface
- R - Radio
- R16 - Right Rear Treble Speaker
- R17 - Right Rear Bass Speaker
- T16b - 16-Pin Connector
- T28c - 28-Pin Connector, connector station B-pillar, right
- * - Only 4-door models with rear speaker
- - Only 2-door models with rear speaker

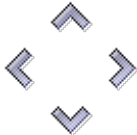

Golf

Wiring Diagram

No. 27 / 7



- Radio/Navigation Display Control Module, Operating Electronics and Telephone Control Module, Antennas**
- J412 - Operating Electronics and Telephone Control Module 📷
- J503- Radio/Navigation Display Control Module 📷
- J519 - Vehicle Electrical System Control Module 📷
- J533 - Data Bus On Board Diagnostic Interface 📷
- R50 - Navigation System Antenna 📷
- R65 - Telephone Antenna 📷
- R126 - Telephone Baseplate
- R149 - Auxiliary Engine Coolant Heating RF Receiver 📷
- R182 - Auxiliary Heater Antenna 📷
- T2ay - Double Connector, near roof antenna 📷
- T2az - Double Connector, near roof antenna 📷
- T2m - Double Connector, near roof antenna 📷
- T12g - 12-Pin Connector
- T16b - 16-Pin Connector

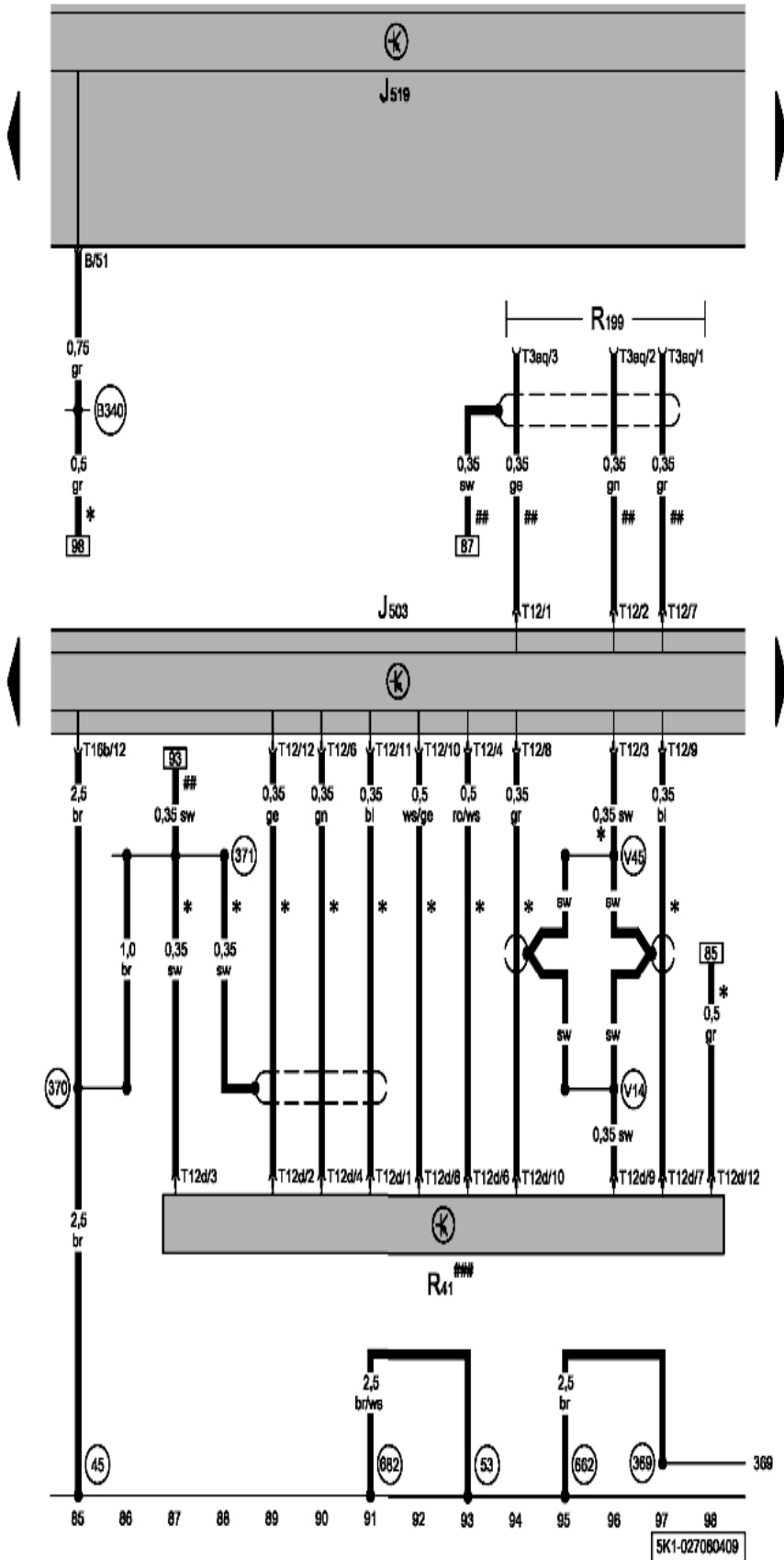
	T20	- 20-Pin Connector
	T54	- 54-Pin Connector
	A178	- Infotainment High-Bus Connection (in instrument panel wiring harness)
	A179	- Infotainment Low-bus Connection (in instrument panel wiring harness)
	A225	- Infotainment High-Bus Connection 2 (in instrument panel wiring harness)
	A226	- Infotainment Low-bus Connection 2 (in instrument panel wiring harness)
	###	- Components not available on system preparation
	-●-	- Only models with telephone/telephone preparation
	-●●-	- Only models with auxiliary engine coolant heating RF receiver
	xx	- Only Universal Cellular Telephone Preparation (UHV) Low

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf







Wiring Diagram

No. 27 / 8



**Radio/Navigation
Display Control
Module, CD Changer,
External Audio
Source Connector**

- J519 - Vehicle Electrical System Control Module
- J503- Radio/Navigation Display Control Module
- R41 - CD Changer
- R199 - External Audio Source Connector
- T3aq - 3-Pin Connector, in glove compartment
- T12 - 12-Pin Connector
- T12d - 12-Pin Connector
- T16b - 16-Pin Connector
- 45 - Ground Connection (behind instrument panel, center)
- 53 - Ground Connection (in rear lid, right)
- 369 - Ground Connection 4 (in main wiring harness)
- 370 - Ground Connection 5 (in main wiring harness)
- 371 - Ground Connection 6 (in main wiring harness)
- 662 - Ground Connection (on left rear side panel)

	682	panel)  - Ground Connection 2 (in right rear side)
	B340	panel)  - Connection 1 (58d) (in main wiring harness)
	V14	- Connection (shielding) (in CD-changer wiring harness)
	V45	- Connection 2 (shielding)(in CD changer wiring harness)
	*	- Only models with CD changer/ CD changer preparation
	##	- Only external audio connector in glove compartment
	###	- Components not available on system preparation

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

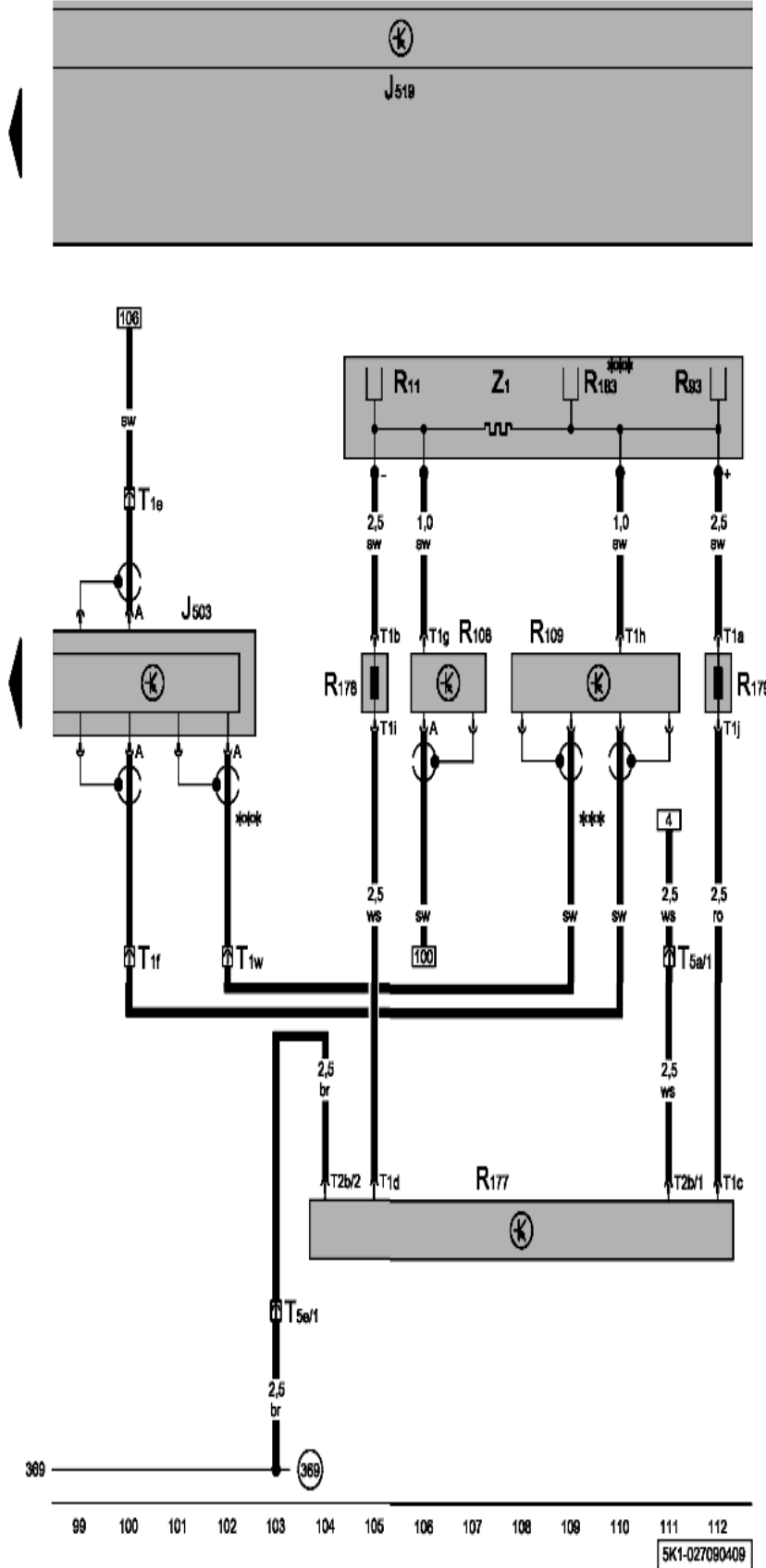
Golf










Wiring Diagram

No. 27 / 9

Radio/Navigation
Display Control
Module, Antennas,
Heated Rear Window,
Antenna Modules,
AM and FM
Frequency Filter
J503- Radio/Navigation
Display Control
Module

- J519 - Vehicle Electrical System Control Module
- R - Radio
- R11 - Antenna
- R93 - Radio Antenna 2
- R108 - Left Antenna Module
- R109 - Right Antenna Module
- R177 - AM Frequency Filter, in rear lid
- R178 - FM Frequency Filter (in negative wire)
- R179 - FM Frequency Filter (in positive wire)
- R183 - Digital Radio Antenna
- T1a - Single Connector
- T1b - Single Connector
- T1c - Single Connector
- T1d - Single Connector
- T1e - Single Connector, behind right C-pillar trim
- T1f - Single



		Connector, behind right C-pillar trim 
	T1g	- Single Connector
	T1h	- Single Connector
	T1i	- Single Connector
	T1j	- Single Connector
	T1w	- Single Connector, behind right C-pillar trim
	T2b	- Double Connector
	T5a	- 5-Pin Connector, black, in left rear side panel 
	T5e	- 5-Pin Connector, pink, in left rear side panel 
	Z1	- Heated Rear Window
	369	- Ground Connection 4 (in main wiring harness)
	***	- Only Digital Radio Antenna

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 104 / 1

07.2012

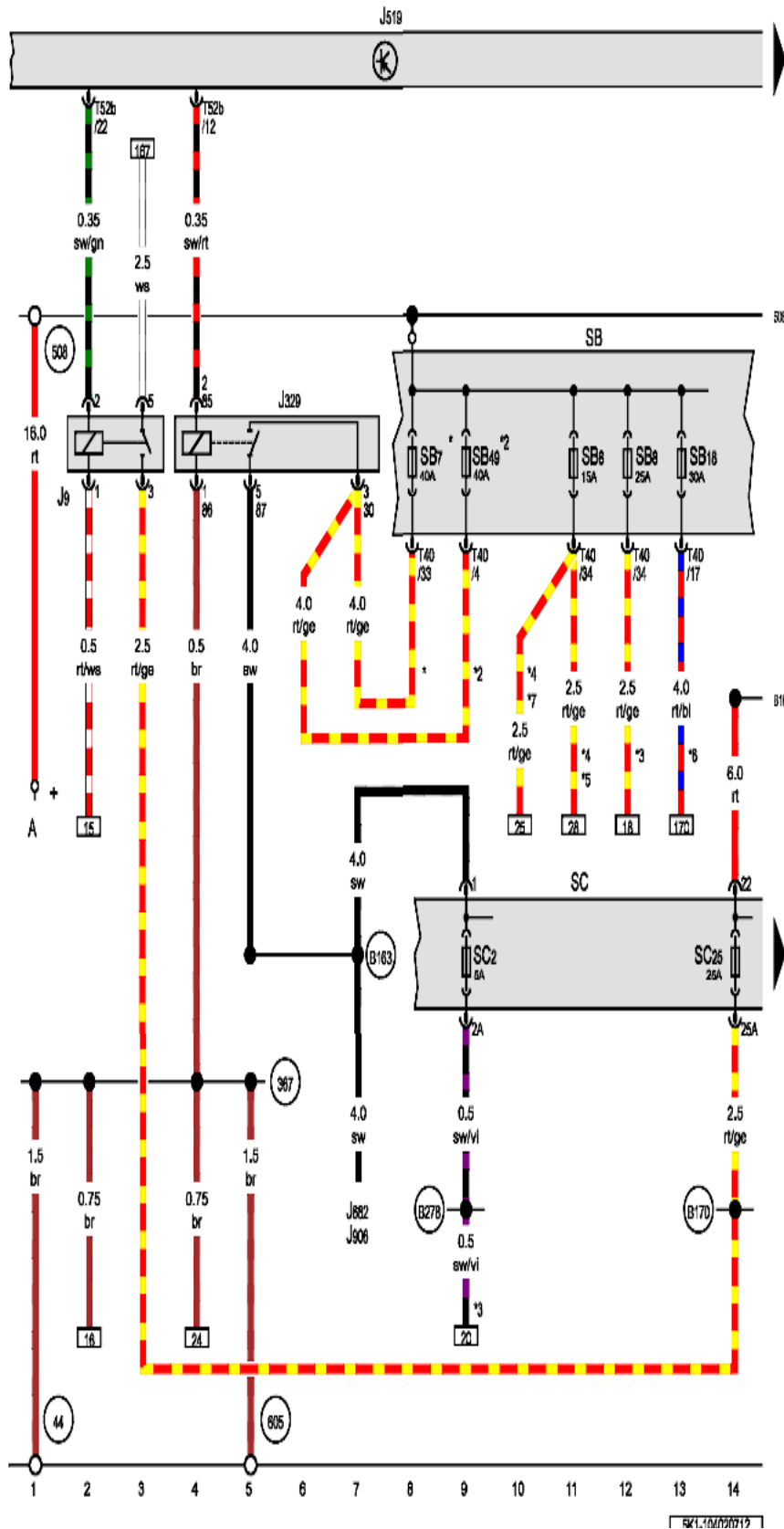
Radio navigation system

from November 2010


Golf

Wiring Diagram

No. 104 / 2



- Rear window defogger relay, Terminal 15 power supply relay, Fuse panel B, Fuse panel C**
- A - Battery
 - J9 - Rear window defogger relay
 - J329 - Terminal 15 power supply relay
 - J519 - Vehicle electrical system control module
 - J682 - Terminal 50 power supply relay
 - J906 - Starter relay 1
 - SB - Fuse panel B
 - SC2 - Fuse 2 (on fuse panel C)
 - SB7 - Fuse 7 (on fuse panel B)
 - SB8 - Fuse 8 (on fuse panel B)
 - SB18 - Fuse 18 (on fuse panel B)
 - SC25 - Fuse 25 (on fuse panel C)
 - SB49 - Fuse 49 (on fuse panel B)
 - SC - Fuse panel C
 - T40 - 40-pin connector
 - T52b - 52-pin connector
 - 44 - Ground connection on A-pillar, lower left

- 367 - Ground connection 2 (in main wiring harness)
- 508 - Terminal 30 threaded connection (on E-box)
- 605 - Ground connection on upper steering column 
- B163 - Positive connection 1 (15) (in interior wiring harness)
- B169 - Positive connection 1 (30) (in interior wiring harness)
- B170 - Positive connection 2 (30) (in interior wiring harness)
- B278 - Positive connection 2 (15a) (in main wiring harness)
- * - E-Box low
- *2 - E-Box high
- *3 - Only for vehicles with Start/Stop system
- *4 - Only for vehicles without Start/Stop system
- *5 - Through October 2011
- *6 - Only for vehicles with an amplifier
- *7 - from November 2011



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 104 / 3

Radio/navigation display unit control module, Voltage stabilizer, Radio, Fuse 5 (on fuse panel A), Fuse panel C

J503- Radio/navigation display unit control module

J519 - Vehicle electrical system control module

J532 - Voltage stabilizer

J682 - Terminal 50 power supply relay

J907 - Starter relay 2

R - Radio

SA5 - Fuse 5 (on fuse panel A)

SC - Fuse panel C

SC13 - Fuse 13 (on fuse panel C)

SC28 - Fuse 28 (on fuse panel C)

T10ah - 10-pin connector

T12ac - 12-pin connector

T16b - 16-pin connector

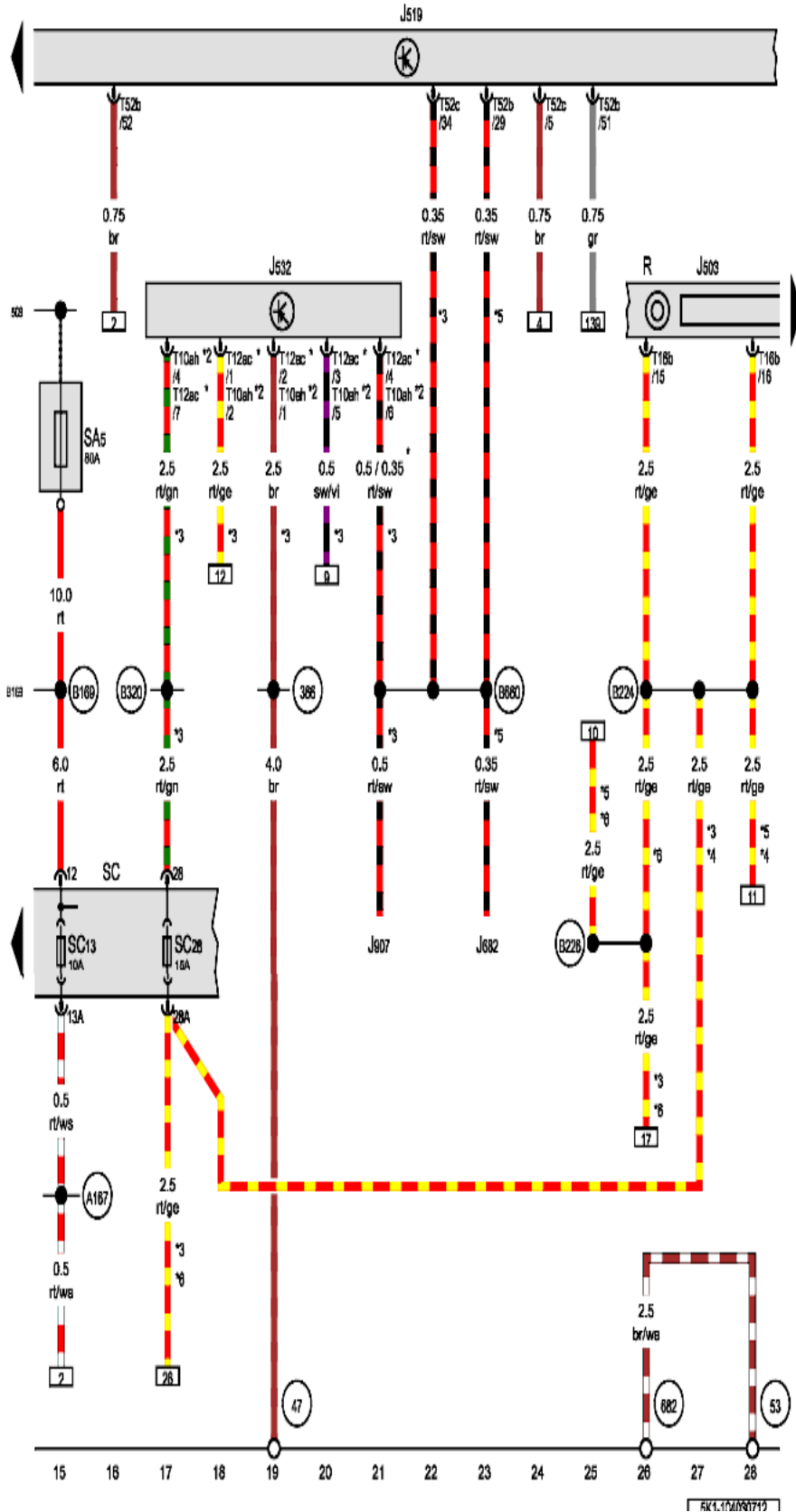
T52b - 52-pin connector


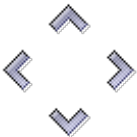




T52c - 52-pin connector

47 - Ground connection in right front footwell

53 - Ground connection in rear lid, right

366 - Ground connection 1



		(in main wiring harness)
508		- Terminal 30 threaded connection (on E-box)
682		- Ground connection 2 in right rear side
A167		- Positive connection 3 (30a) (in instrument panel wiring harness)
B169		- Positive connection 1 (30) (in interior wiring harness)
B224		- Radio connection 1 (in interior wiring harness)
B226		- Radio connection 3 (in interior wiring harness)
B320		- Positive connection 6 (30a) (in main wiring harness)
B660	  	- Diagnostic terminal 50 connection (in main wiring harness)
*		- from May 2011
*2		- through April 2011
*3		- Only for vehicles with Start/Stop system
*4		- Through October 2011
*5		- Only for vehicles without Start/Stop

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

*6 system
- from
November
2011

Golf

Wiring Diagram

No. 104 / 4

Radio/navigation display unit control module, Radio, External audio source connection, External multimedia device interface

J503- Radio/navigation display unit control module

R - Radio
 R199 - External audio source connection
 R215 - External multimedia device interface

T4cm - 4-pin connector, in the glove compartment

T12 - 12-pin connector

T12t - 12-pin connector

T16b - 16-pin connector

45 - Ground connection behind instrument panel, center

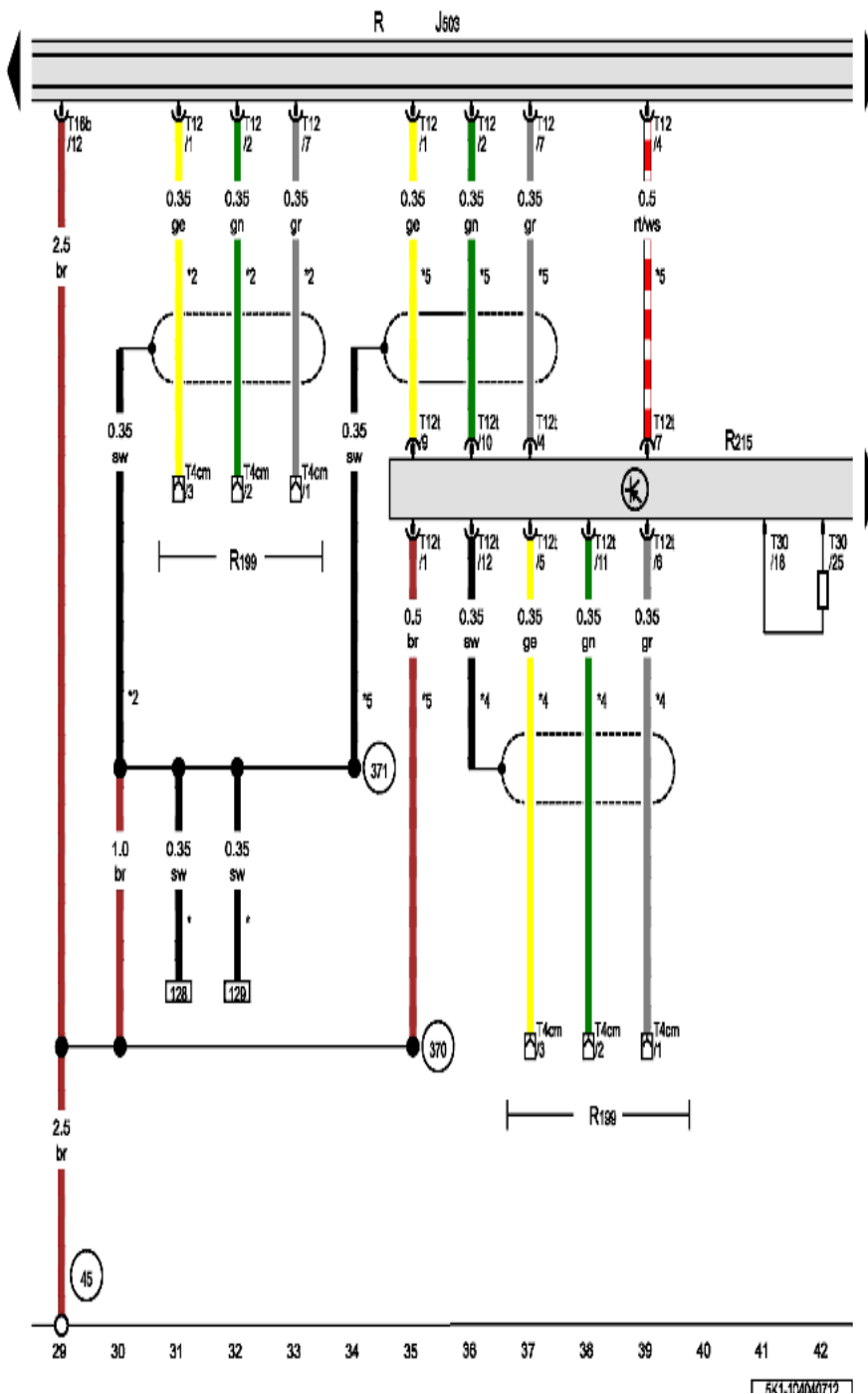
370 - Ground connection 5 (in main wiring harness)

371 - Ground connection 6 (in main wiring harness)

* - Only for vehicles with CD changer

*2 - Only for vehicles with external audio source connection without electrical interface

*3 - Only for



ws = white		vehicles with
sw = black		auxiliary
ro = red		water heater
rt = red		
br = brown		
gn = green		
bl = blue		
gr = grey		
li = lilac		
vi = lilac		
ge = yellow		
or = orange		
rs = pink		
	*4	- Only for
		vehicles with
		multimedia
		socket for
		external
		audio
		sources
	*5	- Only for
		vehicles with
		external
		multimedia
		device
		connection
		with electrical
		interface

Golf

Wiring Diagram

No. 104 / 5

Cell phone operating electronics control module, Radio/navigation display unit control module, Data bus on board diagnostic interface, Radio, External multimedia device interface

J412 - Cell phone operating electronics control module, in the engine compartment, right, in the right front footwell 📷

J503- Radio/navigation display unit control module 📷

J533 - Data bus on board diagnostic interface, in the left footwell, near the center console 📷

R - Radio 📷
 R215 - External multimedia device interface 📷

T4bj - 4-pin connector, in the front center armrest, USB connection

T12g - 12-pin connector

T12t - 12-pin connector

T16b - 16-pin connector

T20 - 20-pin connector

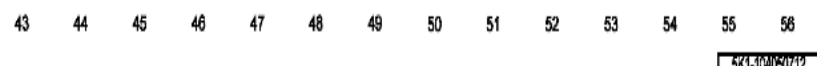
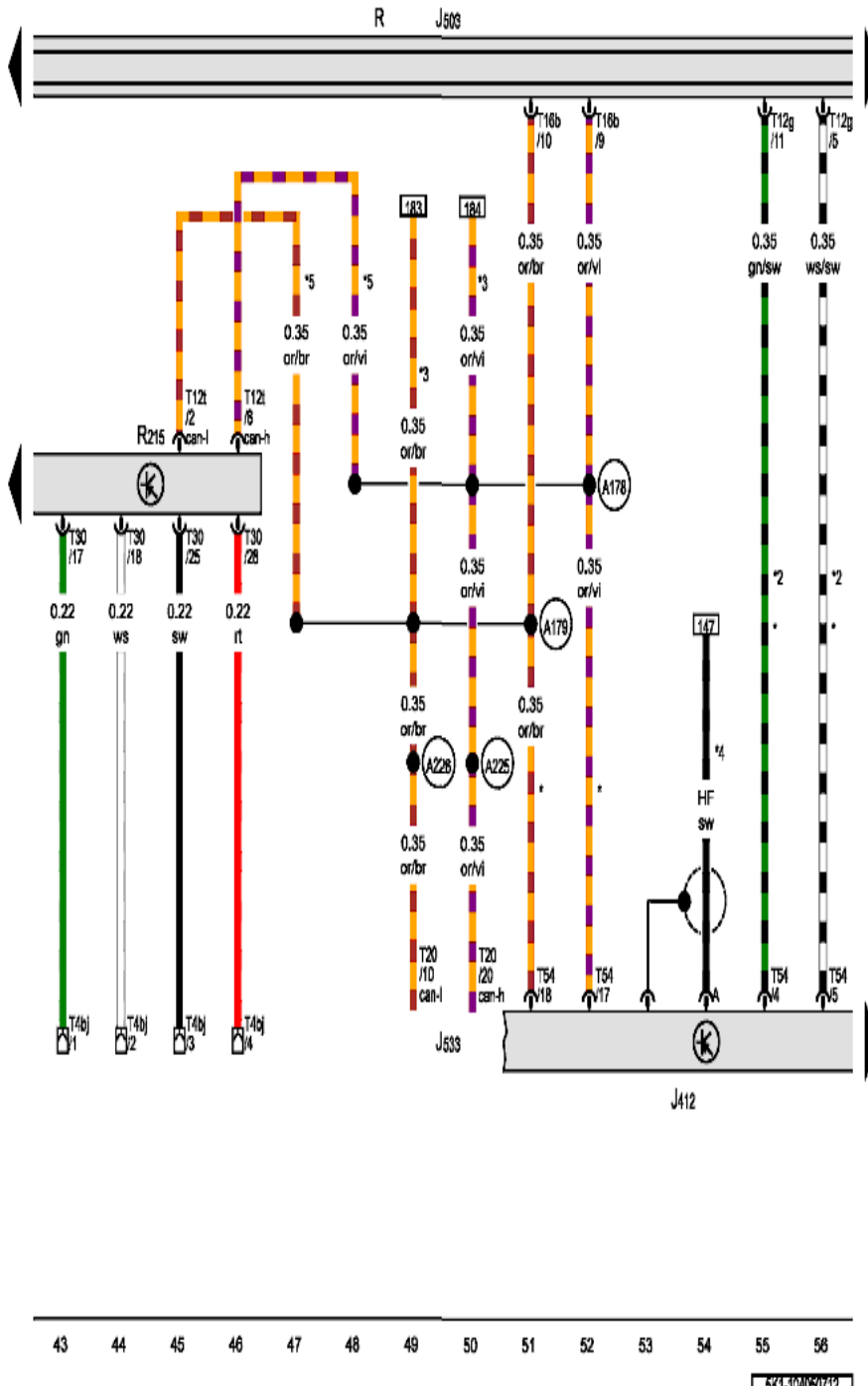
T30 - 30-pin connector

T54 - 54-pin connector

T54 - 54-pin connector

T54 - 54-pin connector

A178 - Infotainment



			CAN bus high connection (in instrument panel wiring harness)
	A179		- Infotainment CAN bus low connection (in instrument panel wiring harness)
	A225		- Infotainment CAN bus high connection 2 (in instrument panel wiring harness)
	A226		- Infotainment CAN bus low connection 2 (in instrument panel wiring harness)
	*		- Only for vehicles with with a cell phone/telephone
	*2		- Depending on equipment
	*3		- Only for vehicles with an amplifier
	*4		- Only for vehicles with telephone charging station and cell phone operating electronics control module
	*5		- Only for vehicles with external multimedia device connection with electrical interface

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 104 / 6

Cell phone operating electronics control module, Radio/navigation display unit control module, Telephone microphone

J412 - Cell phone operating electronics control module, in the engine compartment, right, in the right front footwell

J503- Radio/navigation display unit control module

R - Radio

R38 - Telephone microphone

T2f - Double connector, near the front interior lamp

T12g - 12-pin connector

T54 - 54-pin connector

* - Only for vehicles with with a cell phone/telephone

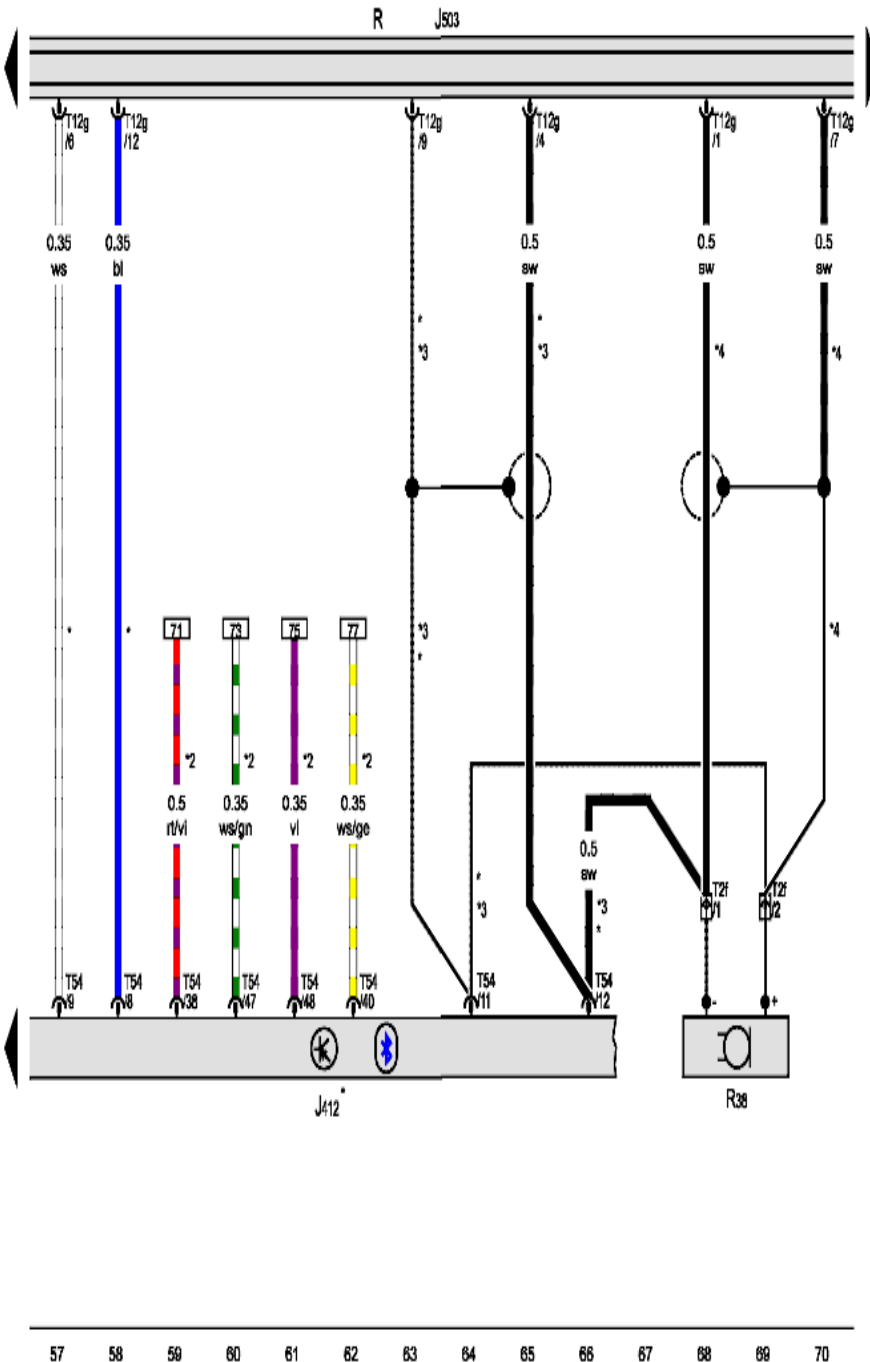
*2 - Only for vehicles with telephone charging station and cell phone operating electronics control module

*3 - Only for vehicles with a speech recognition system

*4 - Only for vehicles without telephone/cell



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink



57 58 59 60 61 62 63 64 65 66 67 68 69 70

phone prep

Golf

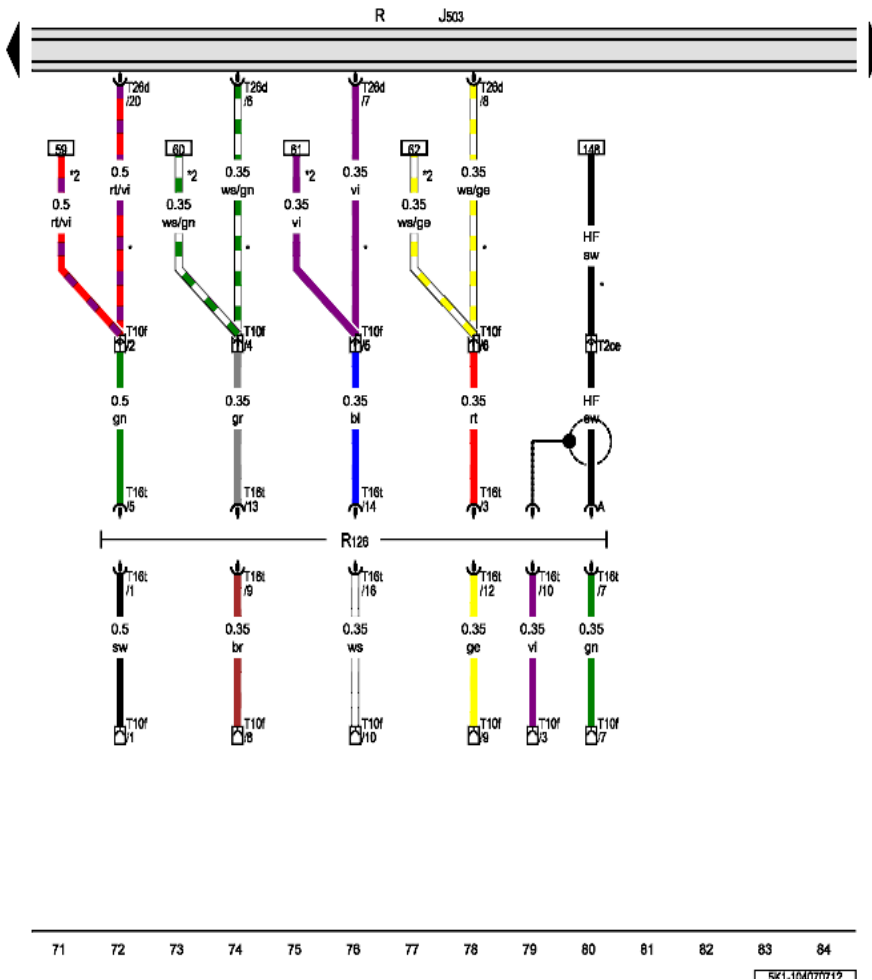
Wiring Diagram

No. 104 / 7

Radio/navigation display unit control module, Radio, Telephone baseplate
J503- Radio/navigation display unit control module



- R - Radio
- R126 - Telephone baseplate
- T2ce - Double connector, behind the glove compartment
- T10f - 10-pin connector, behind the glove compartment
- T16t - 16-pin connector
- T26d - 26-pin connector
- * - Only for vehicles with telephone charging station
- *2 - Only for vehicles with telephone charging station and cell phone operating electronics control module

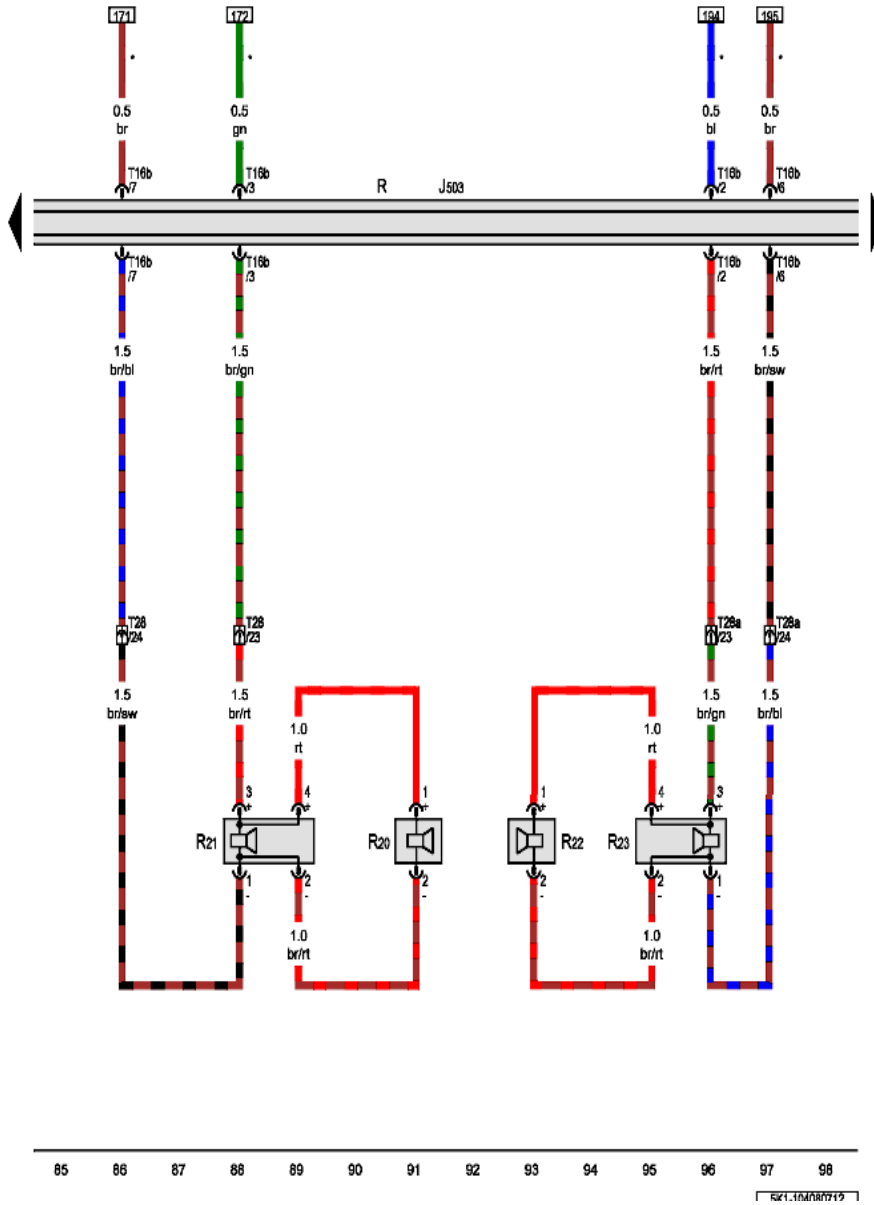


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 104 / 8



Radio/navigation display unit control module, Radio, Left front treble speaker, Left front bass speaker, Right front treble speaker, Right front bass speaker

J503- Radio/navigation display unit control module

- R - Radio
- R20 - Left front treble speaker
- R21 - Left front bass speaker
- R22 - Right front treble speaker
- R23 - Right front bass speaker
- T16b - 16-pin connector
- T28 - 28-pin connector, in the left A-pillar connector station
- T28a - 28-pin connector, in the connector station, right A-pillar
- * - Only for vehicles with an amplifier

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

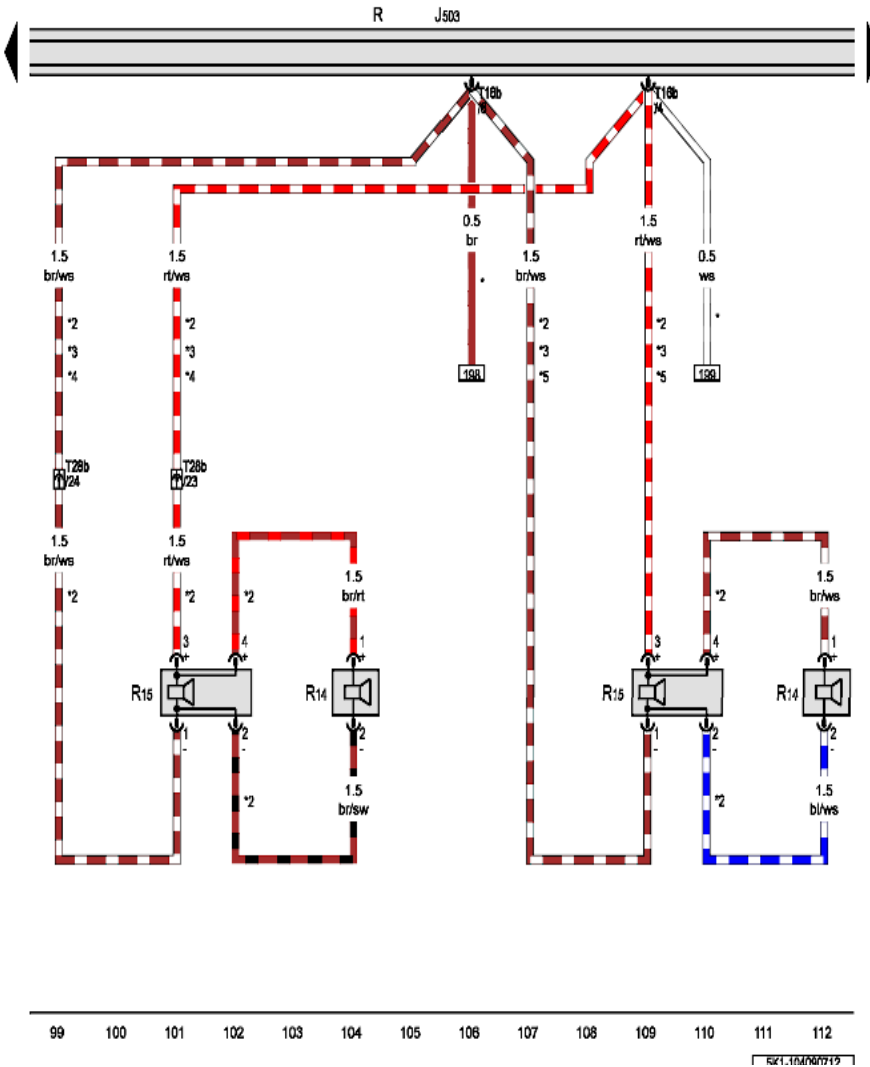
Golf

Wiring Diagram

No. 104 / 9

Radio/navigation display unit control module, Radio, Left rear treble speaker, Left rear bass speaker

J503- Radio/navigation display unit control module



- R - Radio
- R14 - Left rear treble speaker
- R15 - Left rear bass speaker
- T16b - 16-pin connector
- T28b - 28-pin connector, behind the lower left B-pillar trim
- * - Only for vehicles with an amplifier
- *2 - Only for vehicles with a rear speaker
- *3 - Only for vehicles with passive speakers
- *4 - Only for vehicles with 4 doors
- *5 - Only for vehicles with 2-door equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

99 100 101 102 103 104 105 106 107 108 109 110 111 112

6321.10/07/19

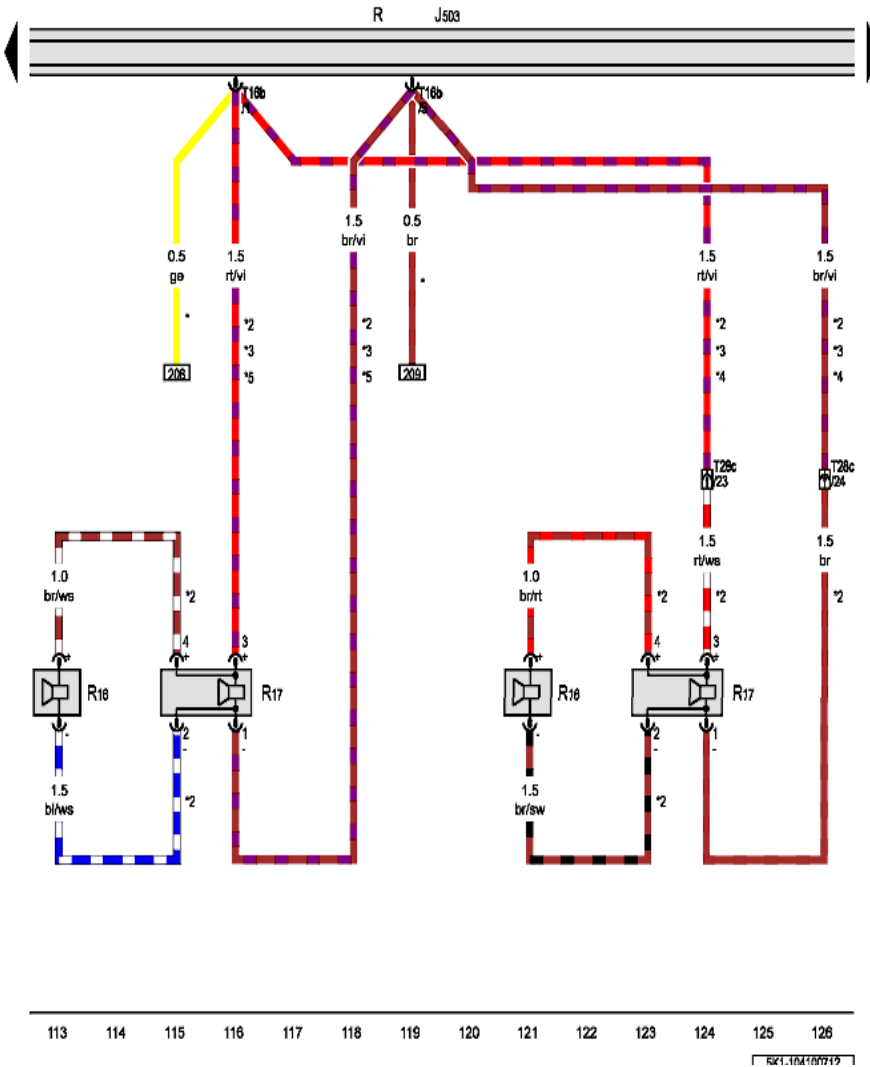
Golf

Wiring Diagram

No. 104 / 10

Radio/navigation display unit control module, Radio, Right rear treble speaker, Right rear bass speaker

J503- Radio/navigation display unit control module



- R - Radio
- R16 - Right rear treble speaker
- R17 - Right rear bass speaker
- T16b - 16-pin connector
- T28c - 28-pin connector, behind the lower right B-pillar trim
- * - Only for vehicles with an amplifier
- *2 - Only for vehicles with a rear speaker
- *3 - Only for vehicles with passive speakers
- *4 - Only for vehicles with 4 doors
- *5 - Only for vehicles with 2-door equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 104 / 11

Radio/navigation display unit control module, Radio, CD changer

J503- Radio/navigation display unit control module

R - Radio

R41 - CD changer

T12 - 12-pin connector

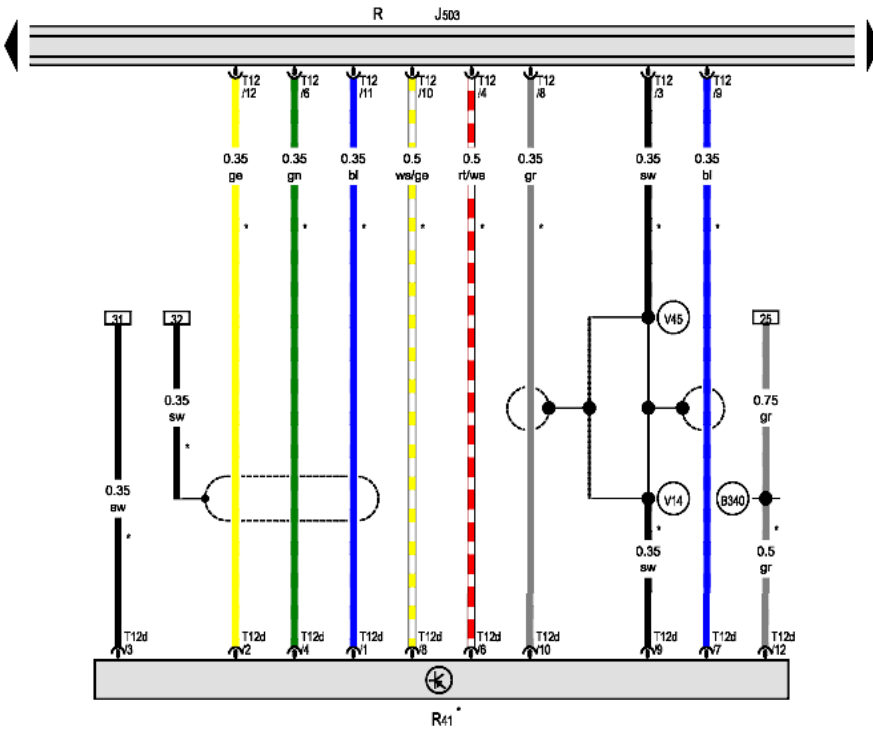
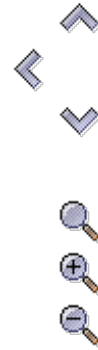
T12d - 12-pin connector

B340 - Connection 58d (in main wiring harness) 1

V14 - Shielding connection (in CD changer wiring harness)

V45 - Shielding connection 2 (in CD changer wiring harness)

* - Only for vehicles with CD changer



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

127 128 129 130 131 132 133 134 135 136 137 138 139 140

Golf

Wiring Diagram

No. 104 / 12

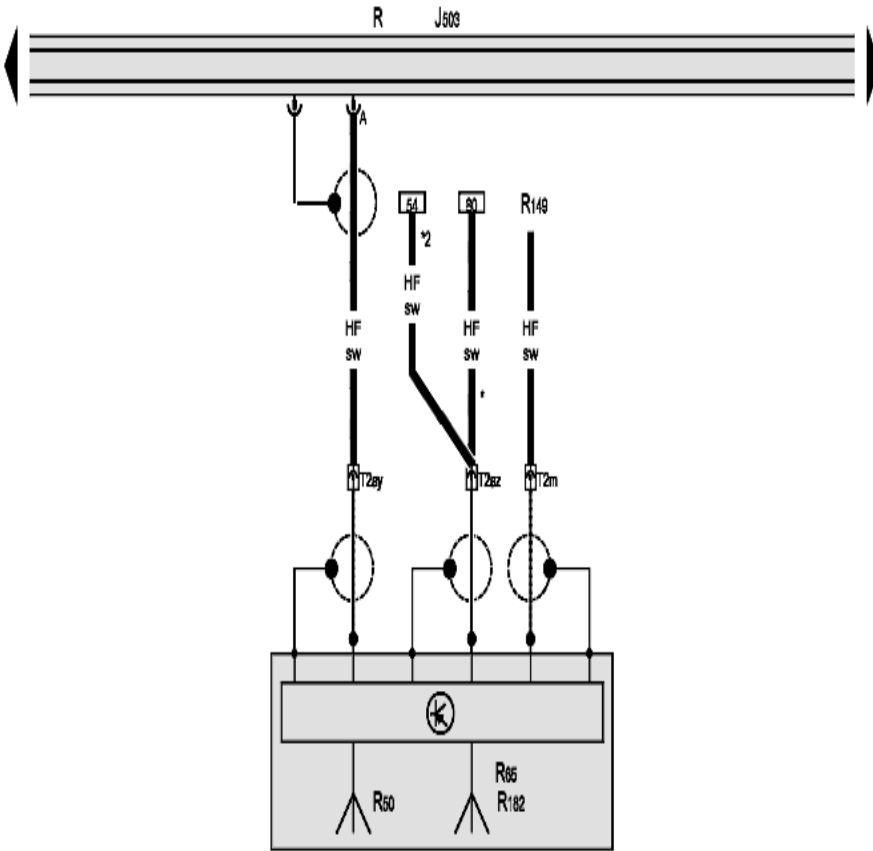
Radio/navigation display unit control module, Radio, GPS antenna, Telephone antenna, Auxiliary engine coolant heater radio frequency receiver, Auxiliary heater antenna

J503- Radio/navigation display unit control module

- R - Radio
- R50 - GPS antenna
- R65 - Telephone antenna
- R149 - Auxiliary engine coolant heater radio frequency receiver
- R182 - Auxiliary heater antenna
- T2ay - Double connector, near the roof antenna
- T2az - Double connector, near the roof antenna
- T2m - Double connector, near the roof antenna



- * - Only for vehicles with telephone charging station
- *2 - Only for vehicles with telephone charging station and cell phone operating electronics control module



141 142 143 144 145 146 147 148 149 150 151 152 153 154

501.104.120719

Golf

Wiring Diagram

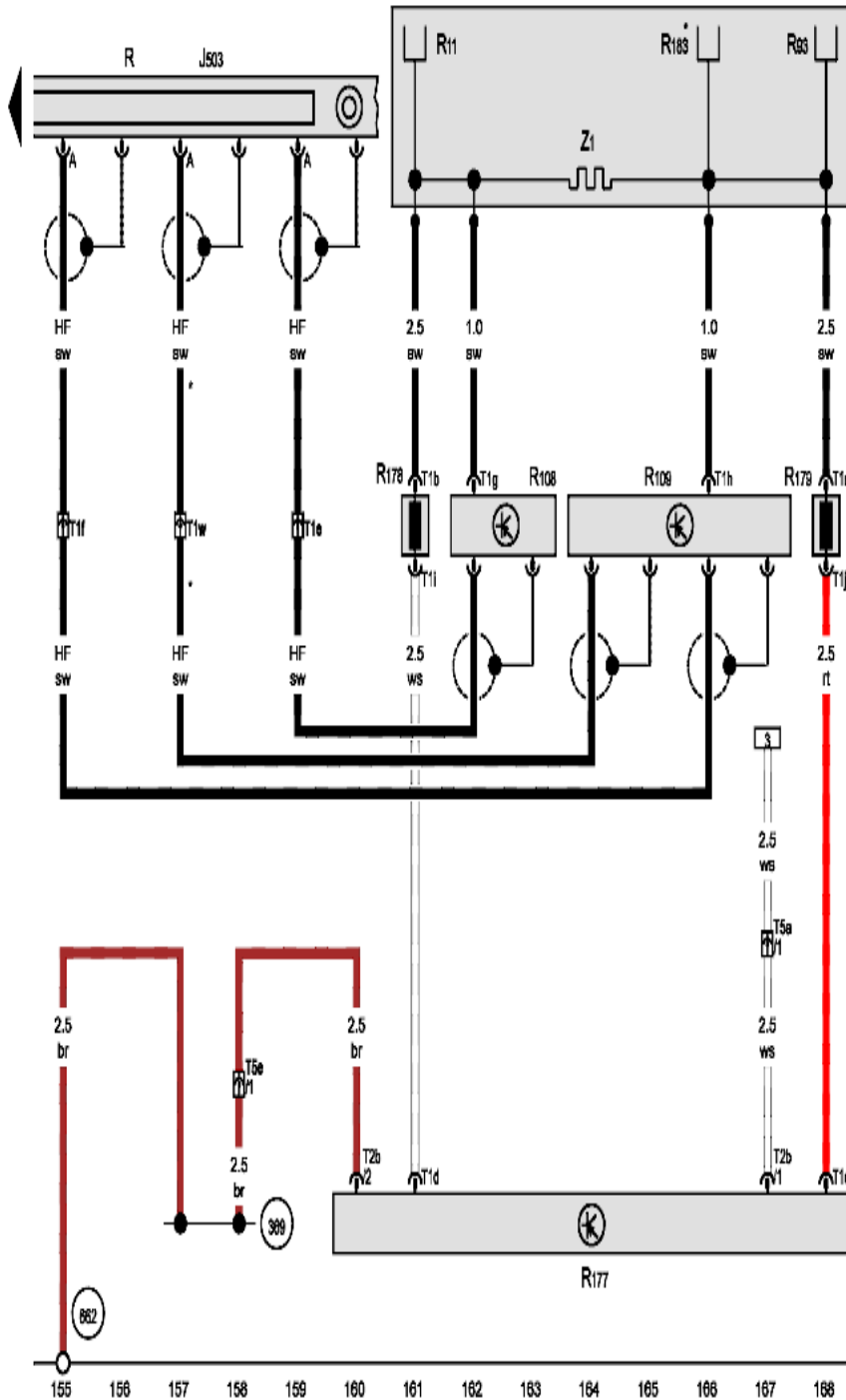
No. 104 / 13













Radio/navigation display unit control module, Radio, Antenna, Left antenna module, Right antenna module, FM frequency filter in negative wire, FM frequency filter in positive wire, Rear window defogger

J503- Radio/navigation display unit control

module

- R - Radio
- R11 - Antenna
- R93 - Radio antenna 2
- R108 - Left antenna module
- R109 - Right antenna module
- R177 - AM frequency filter, in the rear lid
- R178 - FM frequency filter in negative wire, in the rear lid
- R179 - FM frequency filter in positive wire, in the rear lid
- R183 - Digital radio antenna
- T1a - Single connector
- T1b - Single connector
- T1c - Single connector
- T1d - Single connector
- T1e - Single connector,



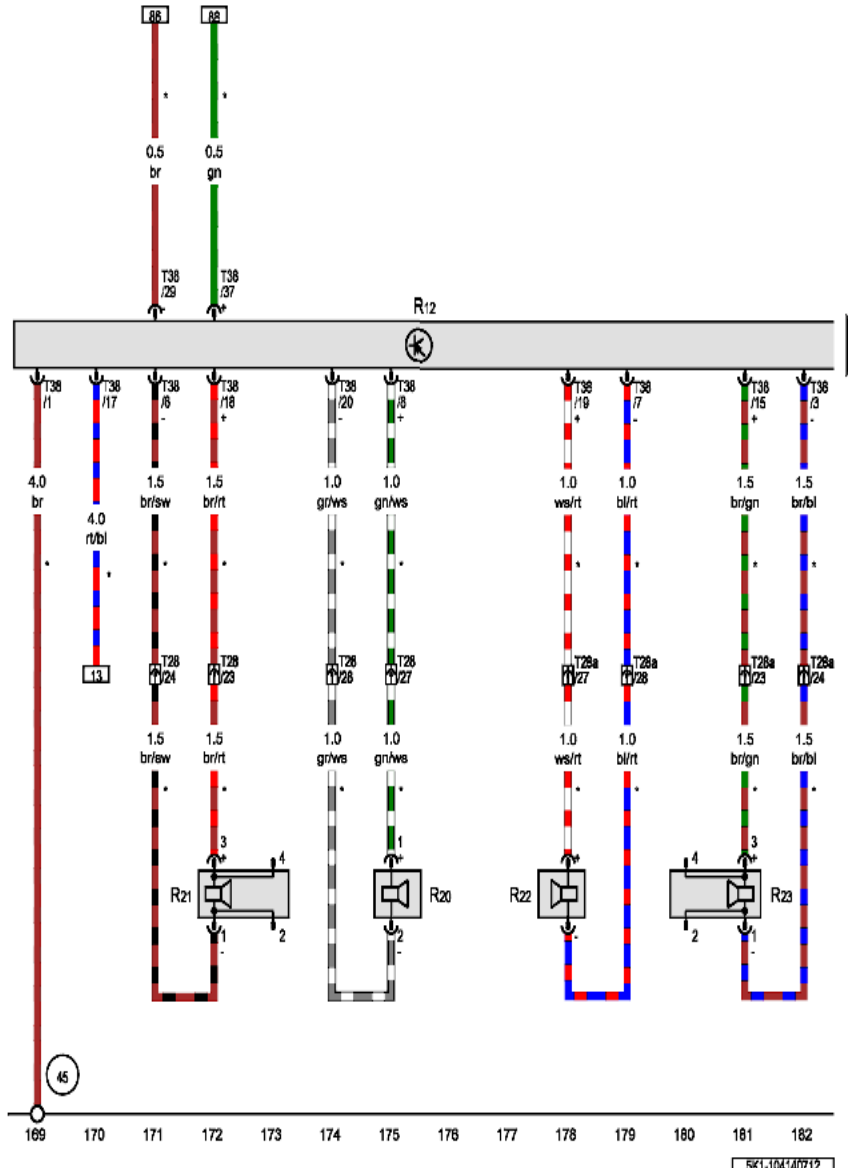
		behind the right C-pillar trim panel 
	T1f	- Single connector, behind the right C-pillar trim panel 
	T1g	- Single connector
	T1h	- Single connector
	T1i	- Single connector
	T1j	- Single connector
	T1w	- Single connector, behind the right C-pillar trim panel
		
		
		
	T2b	- Double connector
	T5a	- 5-pin connector, in the left rear side
	T5e	- 5-pin connector, in the left rear side panel 
	Z1	- Rear window defogger panel 
	369	- Ground connection 4 (in main wiring harness)
	662	- Ground connection in left rear side panel 
	*	- Only for vehicles with a digital radio

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

Golf

Wiring Diagram

No. 104 / 14



Amplifier, Left front treble speaker, Left front bass speaker, Right front treble speaker, Right front bass speaker

- R12 - Amplifier, under the driver seat 📷 📷
- R20 - Left front treble speaker 📷
- R21 - Left front bass speaker 📷
- R22 - Right front treble speaker 📷
- R23 - Right front bass speaker 📷
- T28 - 28-pin connector, in the left A-pillar connector station 📷
- T28a - 28-pin connector, in the connector station, right A-pillar 📷
- T38 - 38-pin connector
- 45 - Ground connection behind instrument panel, center
- * - Only for vehicles with an amplifier








ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 ge = yellow
 or = orange
 rs = pink

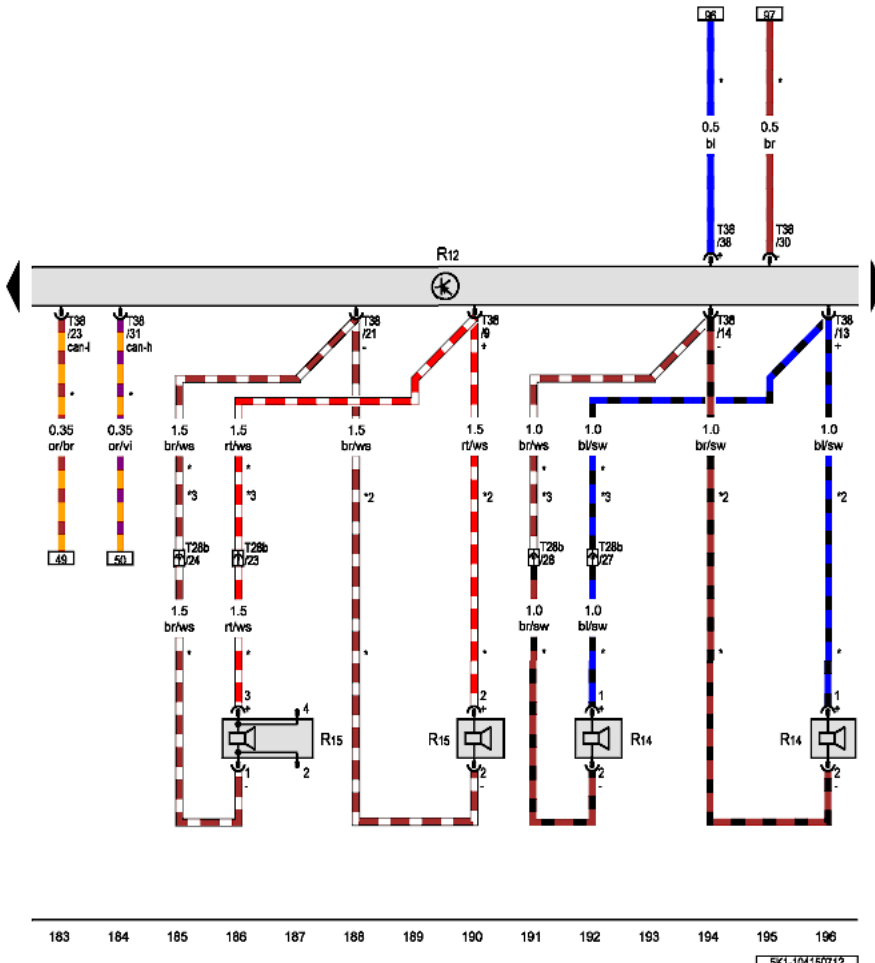
Golf

Wiring Diagram

No. 104 / 15

Amplifier, Left rear treble speaker, Left rear bass speaker

- R12 - Amplifier, under the driver seat  
- R14 - Left rear treble speaker 
- R15 - Left rear bass speaker 
- T28b - 28-pin connector, behind the lower left B-pillar trim 
- T38 - 38-pin connector
- * - Only for vehicles with an amplifier
- *2 - Only for vehicles with 2-door equipment
- *3 - Only for vehicles with 4 doors








ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

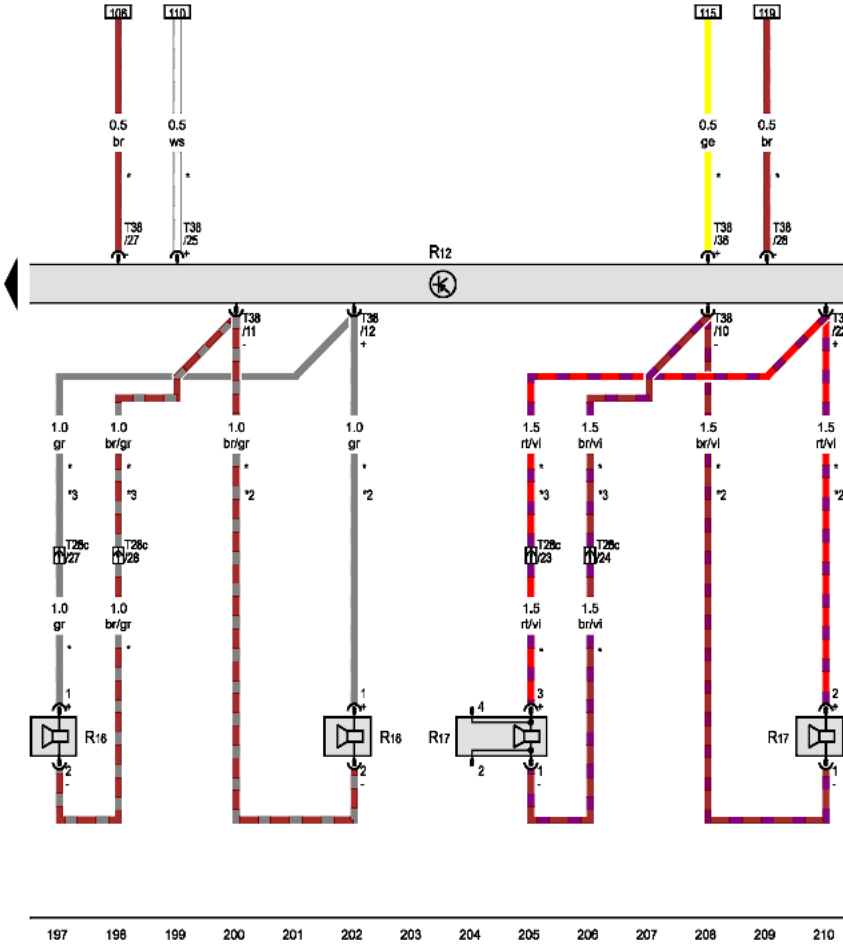
No. 104 / 16

Amplifier, Right rear treble speaker, Right rear bass speaker

- R12 - Amplifier, under the driver seat  
- R16 - Right rear treble speaker 
- R17 - Right rear bass speaker 
- T28c - 28-pin connector, behind the lower right B-pillar trim 
- T38 - 38-pin connector
- * - Only for vehicles with an amplifier
- *2 - Only for vehicles with 2-door equipment
- *3 - Only for vehicles with 4 doors



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink



Golf

Wiring Diagram

No. 26 / 1

01.2010

Radio System 'Dynaudio'

- External Audio Source Connector
- 8 Speakers
- CD Changer
- Heated Rear Window
- Voltage Stabilizer (stop/start system)

from July 2008

Note:

Information for

- ◆ Relay and fuse arrangements
- ◆ Connector arrangements
- ◆ Control Modules and Relays
- ◆ Ground Connections

→ Component Locations

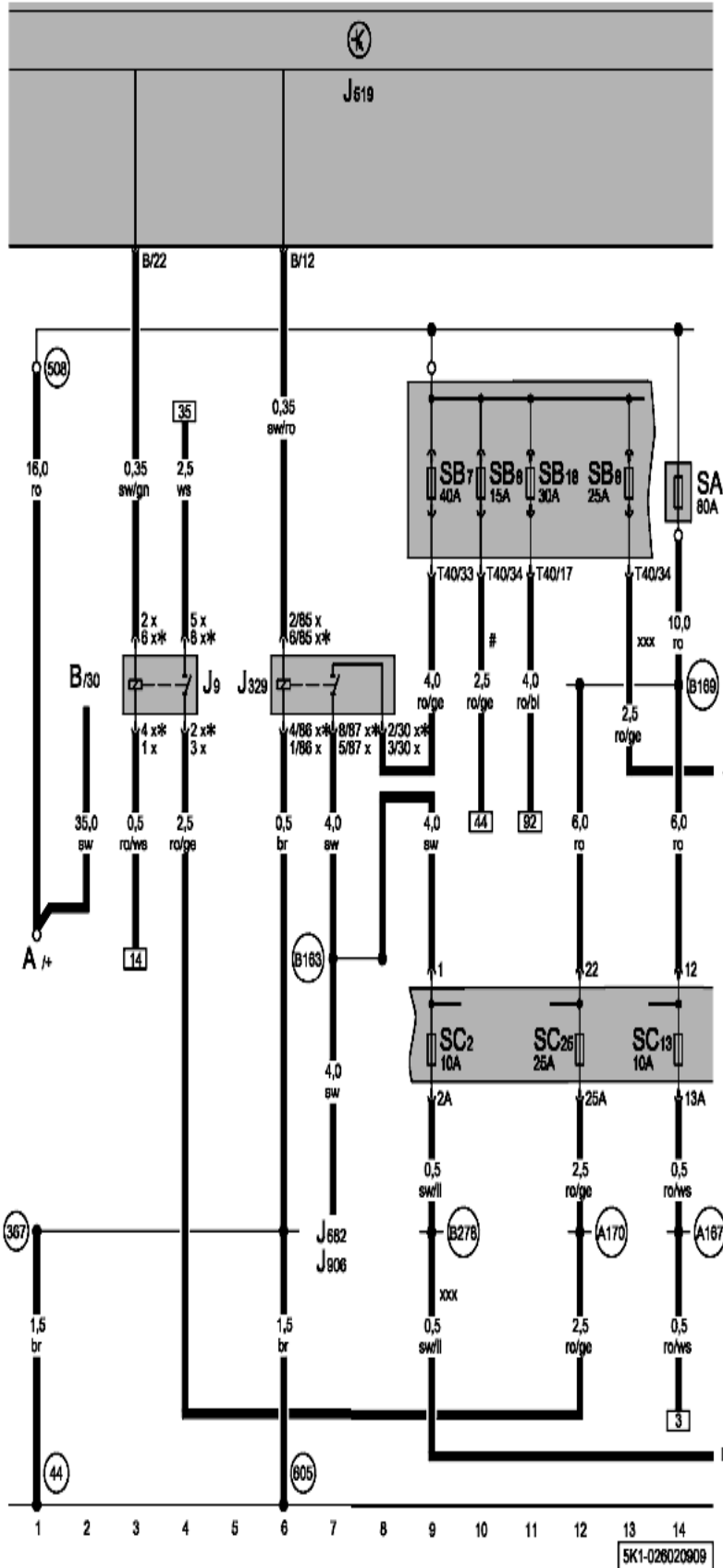
Information for

- ◆ Troubleshooting Procedures
- Guided Fault Finding using VAS 5051 / 5052


Golf

Wiring Diagram

No. 26 / 2



- Rear Window Defogger Relay, Power Supply Relay (terminal 15)**
- A - Battery
 - B - Starter
 - J9 - Rear Window Defogger Relay
 - J329 - Power Supply Relay (terminal 15) (53)
 - J519 - Vehicle Electrical System Control Module
 - J682 - Power Supply Relay (terminal 50)
 - J906 - Starter Relay 1
 - SA5 - Fuse 5 (on fuse panel A)
 - SB7 - Fuse 7 (on fuse panel B)
 - SB8 - Fuse 8 (on fuse panel B)
 - SB18 - Fuse 18 (on fuse panel B)
 - SC2 - Fuse 2 (on fuse panel C)
 - SC13 - Fuse 13 (on fuse panel C)
 - SC25 - Fuse 25 (on fuse panel C)
 - T40 - 40-Pin Connector
 - 44 - Ground Connection (on left lower A-pillar)
 - 367 - Ground Connection 2

- (in main wiring harness)
- 508 - Threaded Connection terminal 30 (on electronics box)
- 605 - Ground Connection (on upper steering column) 
- A167 - Plus Connection 3 (30a) (in instrument panel wiring harness)
- B170 - Plus Connection 2 (30) (in interior wiring harness)
- B163 - Plus Connection 1 (15) (in interior wiring harness)
- B169 - Plus Connection 1 (30) (in interior wiring harness)
- B278 - Plus Connection 2 (15a) (in main wiring harness)
- # - Only models without stop/start system
- xxx - Only models with stop/start system
- x - From November 2009
- x* - Through October 2009

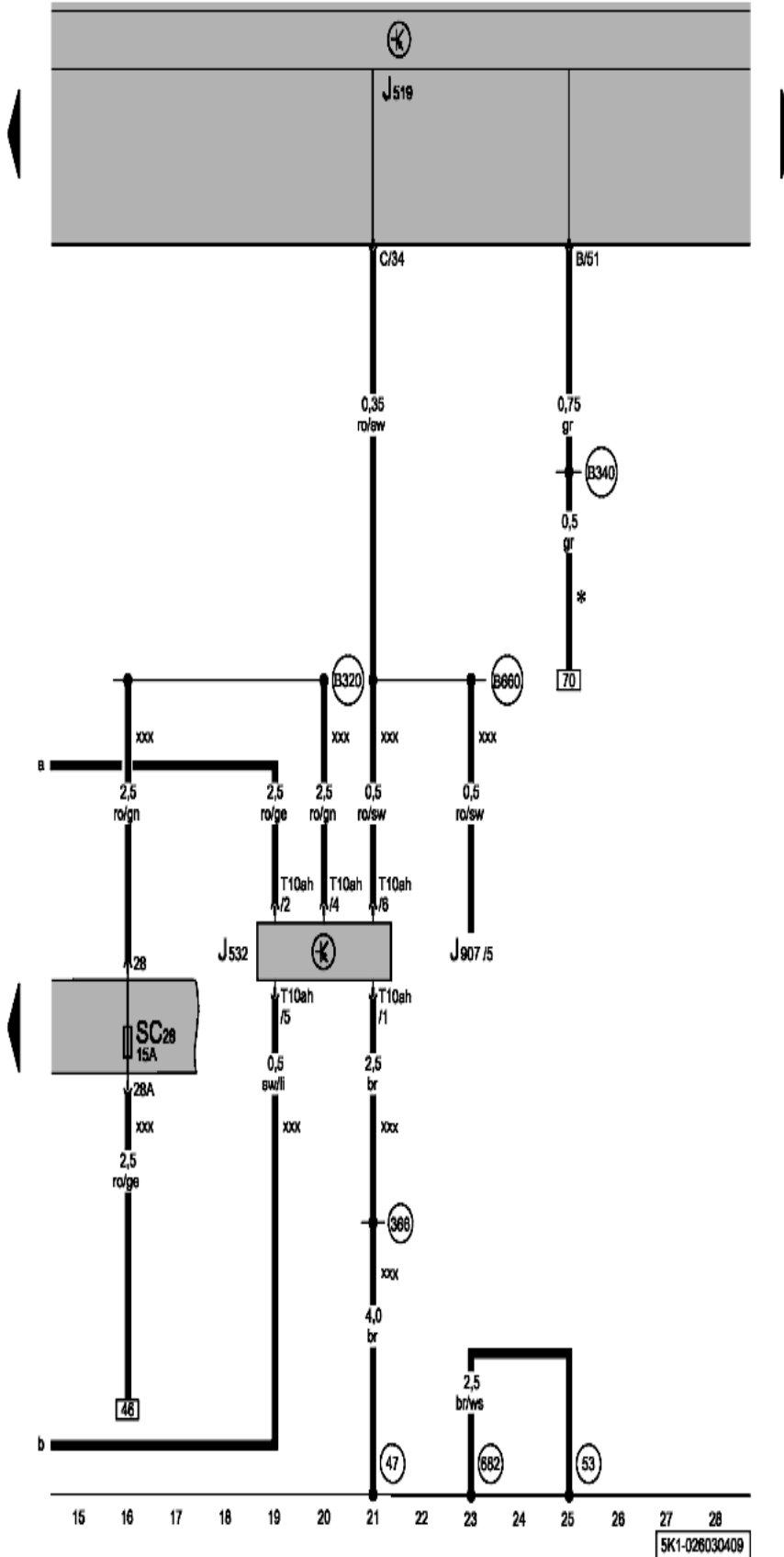


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 26 / 3



Voltage Stabilizer

- J519 - Vehicle Electrical System Control Module
- J532 - Voltage Stabilizer
- J907 - Starter Relay 2
- SC28 - Fuse 28 (on fuse panel C)
- T10ah - 10-Pin Connector
- 47 - Ground Connection (in front right footwell)
- 53 - Ground Connection (in rear lid, right)
- 366 - Ground Connection 1 (in main wiring harness)
- 682 - Ground Connection 2 (in right rear side panel)
- B320 - Plus Connection 6 (30a) (in main wiring harness)
- B340 - Connection 1 (58d) (in main wiring harness)
- B660 - Connection (diagnostic, terminal 50) in main wiring harness
- * - Only models with CD changer/ CD changer preparation
- xxx - Only models with stop/start



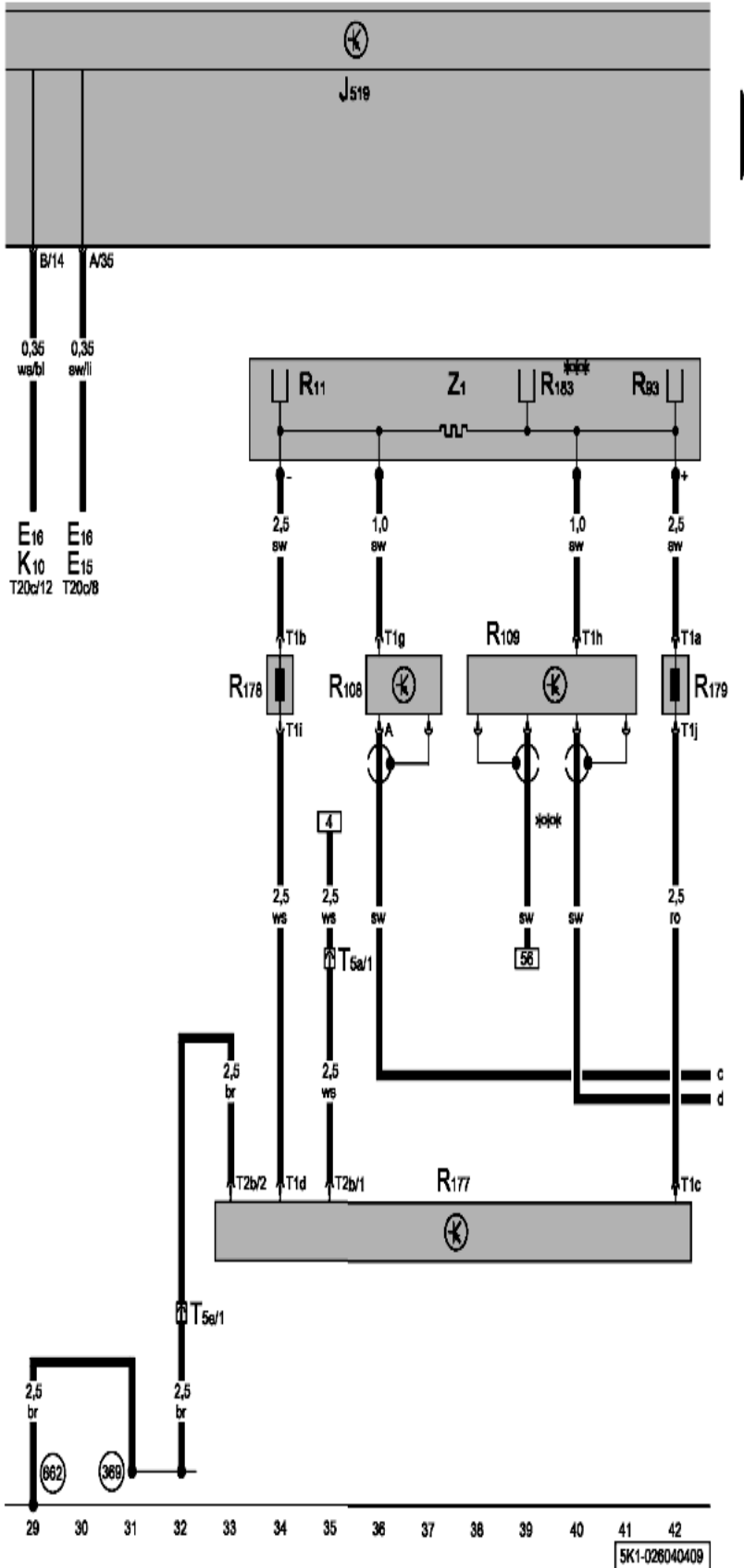
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

system

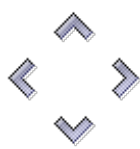






Golf

Wiring Diagram

No. 26 / 4



- Antennas, Heated Rear Window, Antenna Modules, AM and FM Frequency Filter**
- E15 - Rear Window Defogger Switch
- E16 - Heater/Heat Output Switch
- J519 - Vehicle Electrical System Control Module
- K10 - Rear Window Defogger Indicator Lamp
- R11 - Antenna
- R93 - Radio Antenna 2
- R108 - Left Antenna Module
- R109 - Right Antenna Module
- R177 - AM Frequency Filter, in rear lid
- R178 - FM Frequency Filter (in negative wire)
- R179 - FM Frequency Filter (in positive wire)
- R183 - Digital Radio Antenna
- T1a - Single Connector
- T1b - Single Connector
- T1c - Single Connector
- T1d - Single Connector

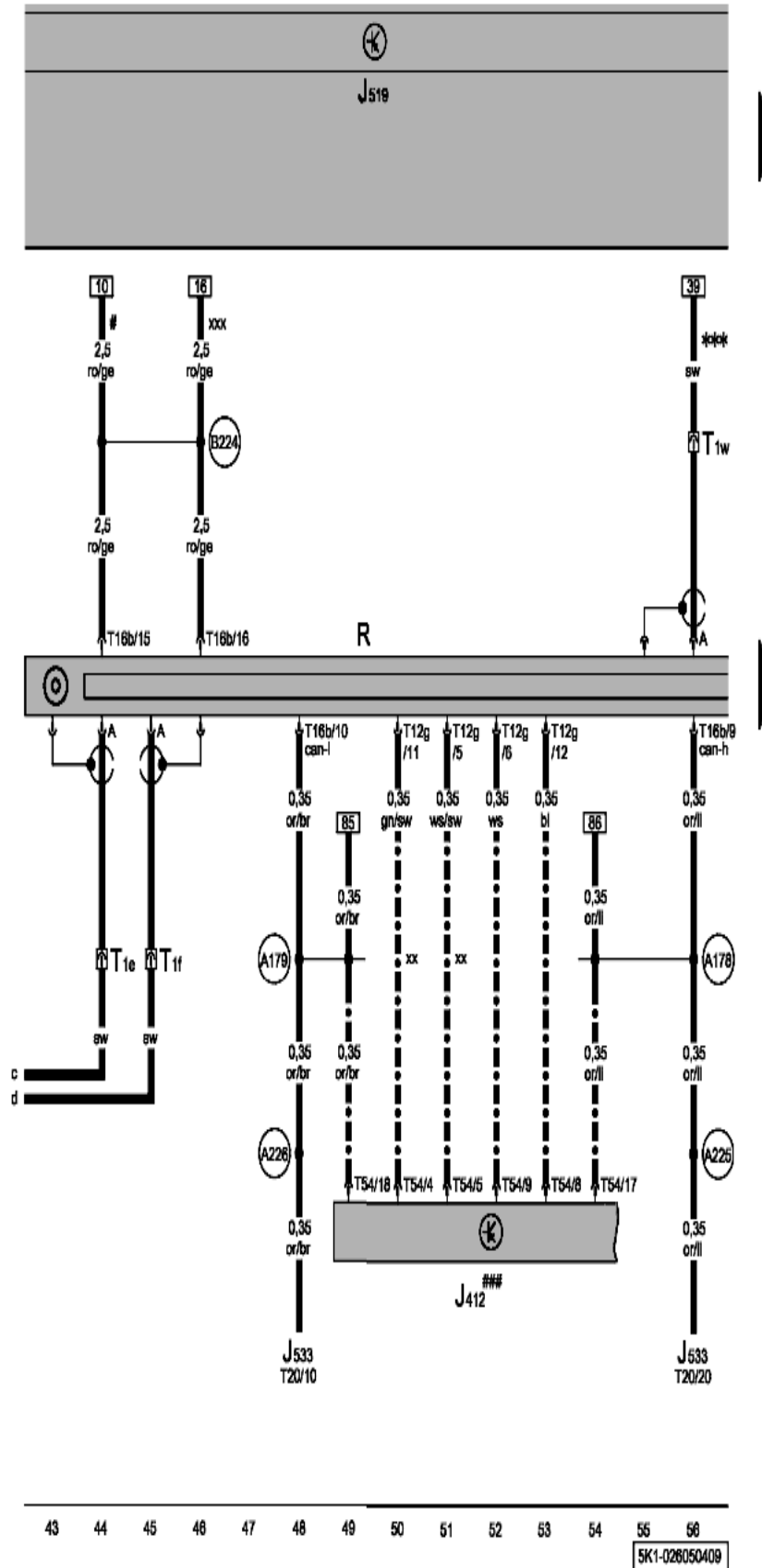
	T1g	- Single Connector
	T1h	- Single Connector
	T1i	- Single Connector
	T1j	- Single Connector
	T2b	- Double Connector
	T5a	- 5-Pin Connector, black, in left rear side panel 
		
		
	T5e	- 5-Pin Connector, pink, in left rear side panel 
	T20c	- 20-Pin Connector
	Z1	- Heated Rear Window
	369	- Ground Connection 4 (in main wiring harness)
	662	- Ground Connection (on left rear side panel) 
	***	- Only Digital Radio Antenna

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

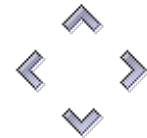
Wiring Diagram

No. 26 / 5



- Radio, Operating Electronics and Telephone Control Module**
- J412 - Operating Electronics and Telephone Control Module
 - J519 - Vehicle Electrical System Control Module
 - J533 - Data Bus On Board Diagnostic Interface
 - R - Radio
 - T1e - Single Connector, behind right C-pillar trim
 - T1f - Single Connector, behind right C-pillar trim
 - T1w - Single Connector, behind right C-pillar trim
 - T12g - 12-Pin Connector
 - T16b - 16-Pin Connector
 - T20 - 20-Pin Connector
 - T54 - 54-Pin Connector
 - A178 - Infotainment High-Bus Connection (in instrument panel wiring harness)
 - A179 - Infotainment Low-bus Connection (in instrument panel wiring harness)

- A225 - Infotainment High-Bus Connection 2 (in instrument panel wiring harness)
- A226 - Infotainment Low-bus Connection 2 (in instrument panel wiring harness)
- B224 - Radio Connection 1 (in interior wiring harness)
- ### - Components not available on system preparation
- - Only models with telephone/telephone preparation
- *** - Only Digital Radio Antenna
- XX - Only Universal Cellular Telephone Preparation (UHV) Low
- # - Only models without stop/start system
- xxx - Only models with stop/start system

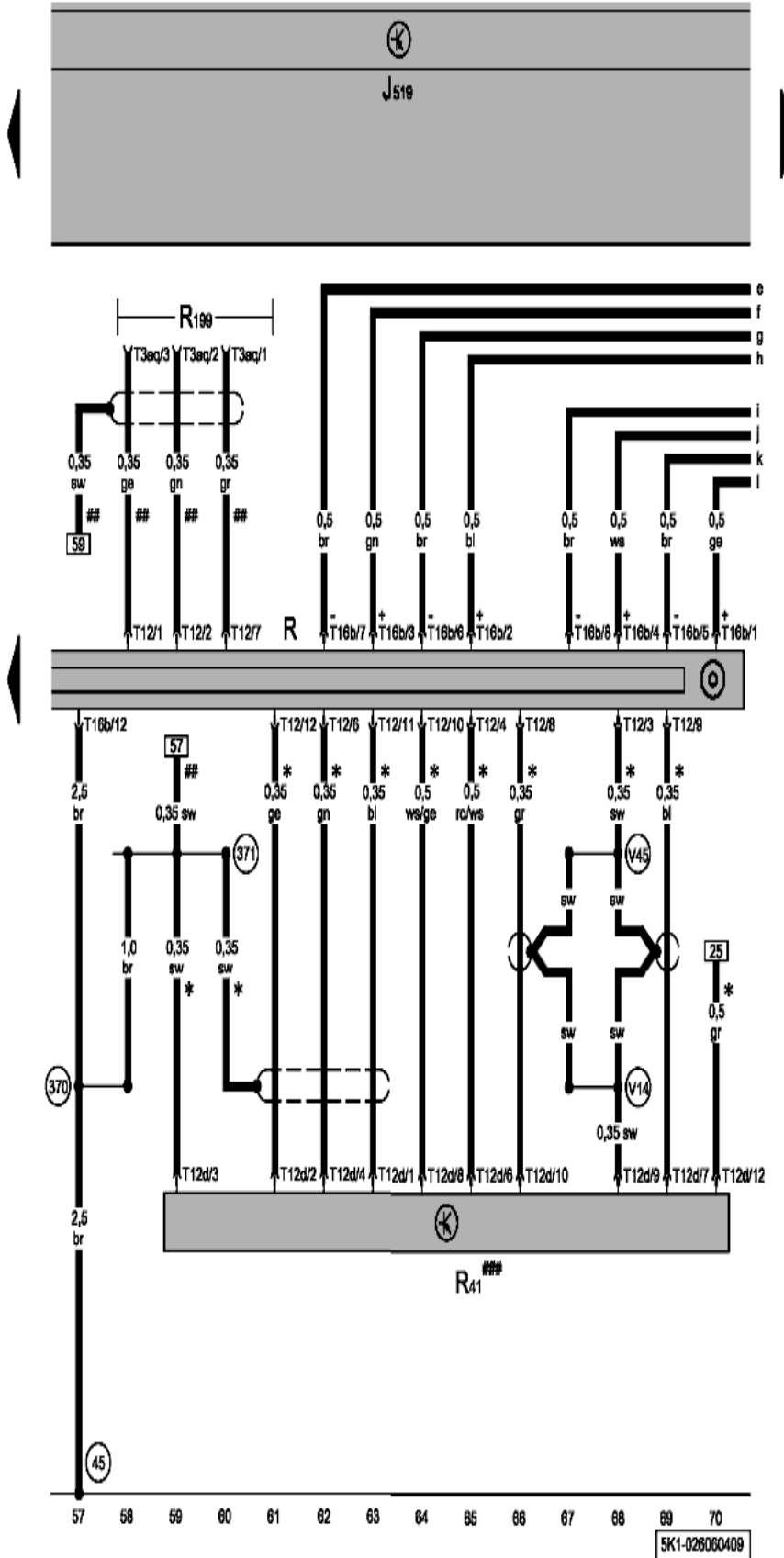


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 26 / 6



Radio, CD Changer,
External Audio
Source Connector

- J519 - Vehicle Electrical System Control Module
- R - Radio
- R41 - CD Changer
- R199 - External Audio Source Connector
- T3aq - 3-Pin Connector, in glove compartment
- T12 - 12-Pin Connector
- T12d - 12-Pin Connector
- T16b - 16-Pin Connector
- 45 - Ground Connection (behind instrument panel, center)
- 370 - Ground Connection 5 (in main wiring harness)
- 371 - Ground Connection 6 (in main wiring harness)
- V14 - Connection (shielding) (in CD-changer wiring harness)
- V45 - Connection 2 (shielding)(in CD changer wiring harness)
- * - Only models with CD changer/ CD changer preparation



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac

vi = lilac
ge = yellow
or = orange
rs = pink

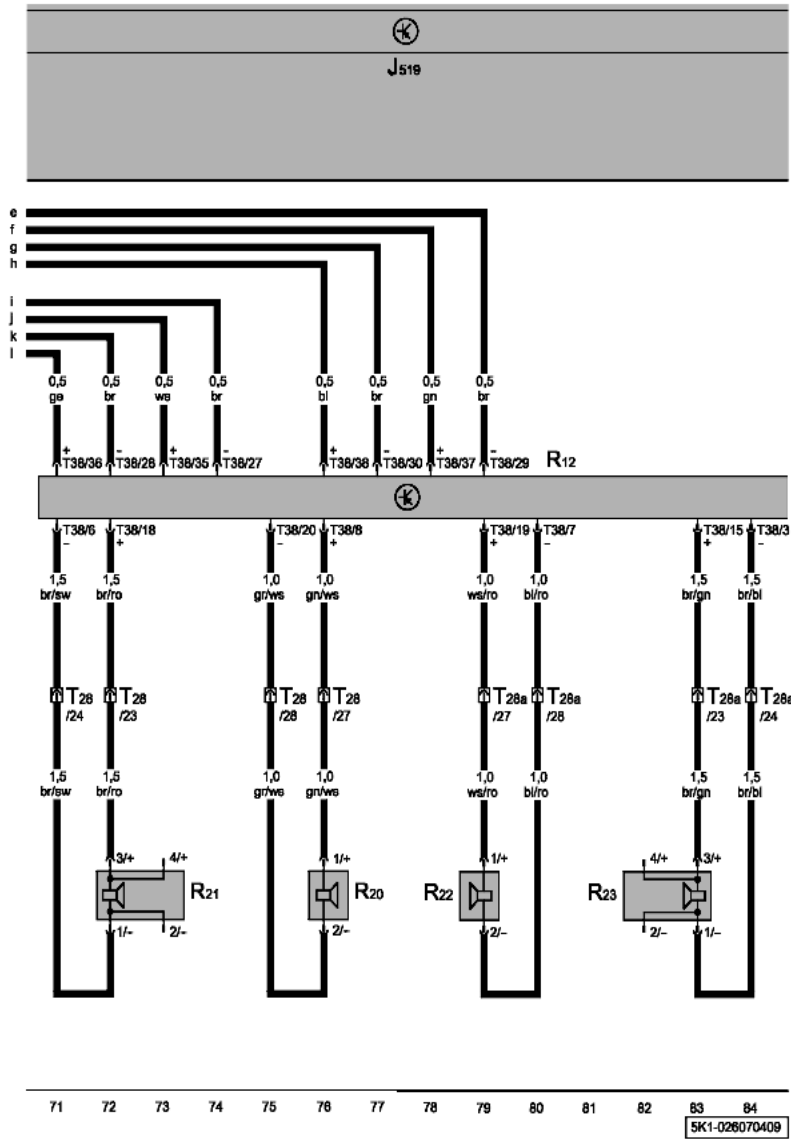
- Only external
audio
connector in
glove
compartment

- Components
not available
on system
preparation

Golf

Wiring Diagram

No. 26 / 7



- Amplifier, Left Front Speaker, Right Front Speaker**
- J519 - Vehicle Electrical System Control Module
 - R12 - Amplifier, below driver's seat
 - R20 - Left Front Treble Speaker
 - R21 - Left Front Bass Speaker
 - R22 - Right Front Treble Speaker
 - R23 - Right Front Bass Speaker
 - T38 - 38-Pin Connector
 - T28 - 28-Pin Connector, connector station A-pillar, left
 - T28a - 28-Pin Connector, connector station A-pillar, right

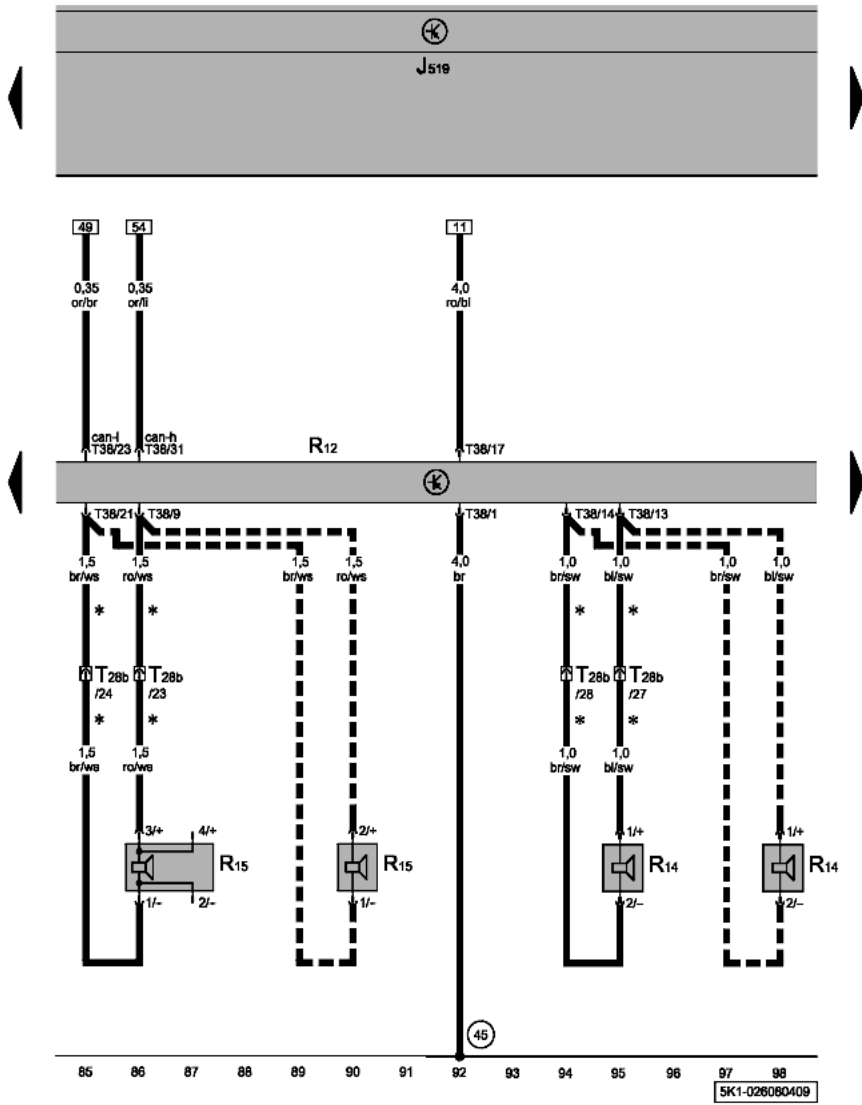
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

71 72 73 74 75 76 77 78 79 80 81 82 83 84
 5K1-026070409

Golf

Wiring Diagram

No. 26 / 8



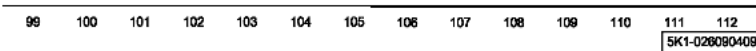
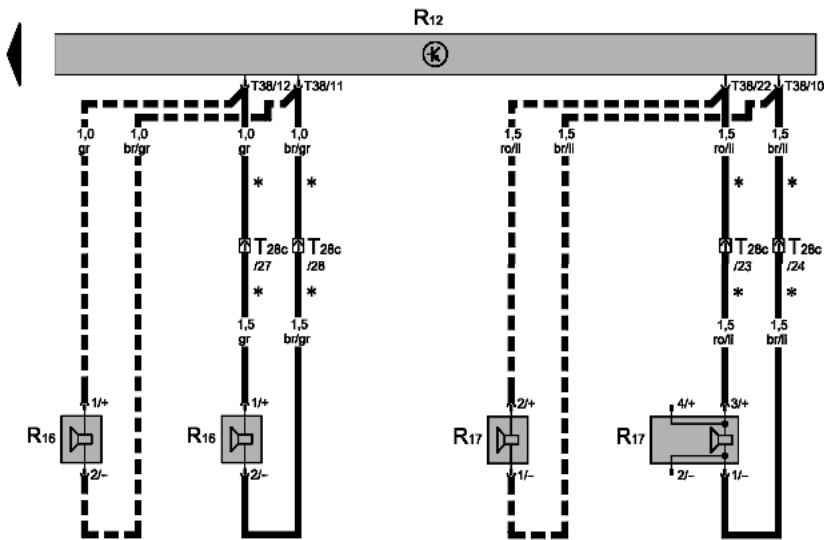
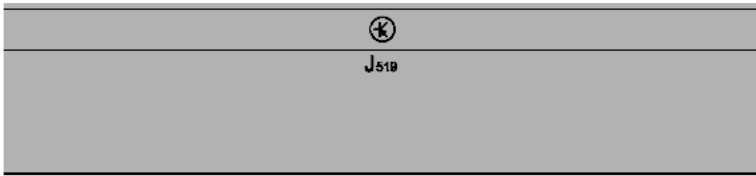
- Amplifier, Left Rear Speaker**
- J519 - Vehicle Electrical System Control Module
 - R12 - Amplifier, below driver's seat
 - R14 - Left Rear Treble Speaker
 - R15 - Left Rear Bass Speaker
 - T28b - 28-Pin Connector, connector station B-pillar, left
 - T38 - 38-Pin Connector
 - 45 - Ground Connection (behind instrument panel, center)
 - * - Only 4-door models
 - - Only 2-door models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 26 / 9



Radio, Right Rear Speaker

- J519 - Vehicle Electrical System Control Module
 - R12 - Amplifier, below driver's seat
 - R16 - Right Rear Treble Speaker
 - R17 - Right Rear Bass Speaker
 - T24 - 24-Pin Connector
 - T28c - 28-Pin Connector, connector station B-pillar, right
- * - Only 4-door models
 --- - Only 2-door models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

Golf

Wiring Diagram

No. 25 / 1

01.2010

Radio System RCD 210, RCD 310, RCD 510

- External Audio Source Connector
- 4 Speakers, 8 Speakers
- CD Changer
- Heated Rear Window
- Voltage Stabilizer (stop/start system)

from July 2008

Note:

Information for

- ◆ Relay and fuse arrangements
- ◆ Connector arrangements
- ◆ Control Modules and Relays
- ◆ Ground connections

→ Component Locations

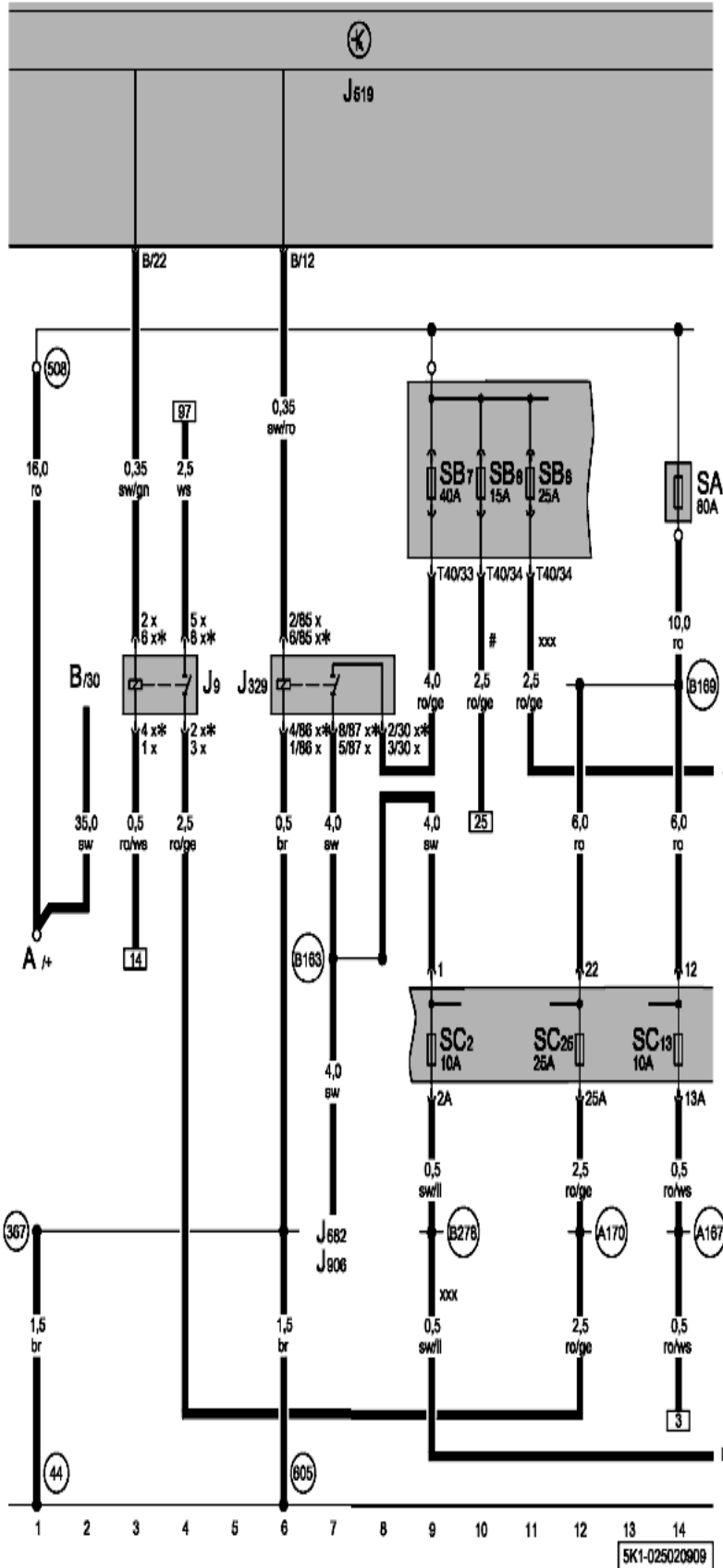
Information for

- ◆ Troubleshooting Procedures
- Guided Fault Finding using VAS 5051 / 5052


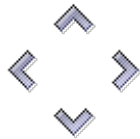


Golf

Wiring Diagram

No. 25 / 2



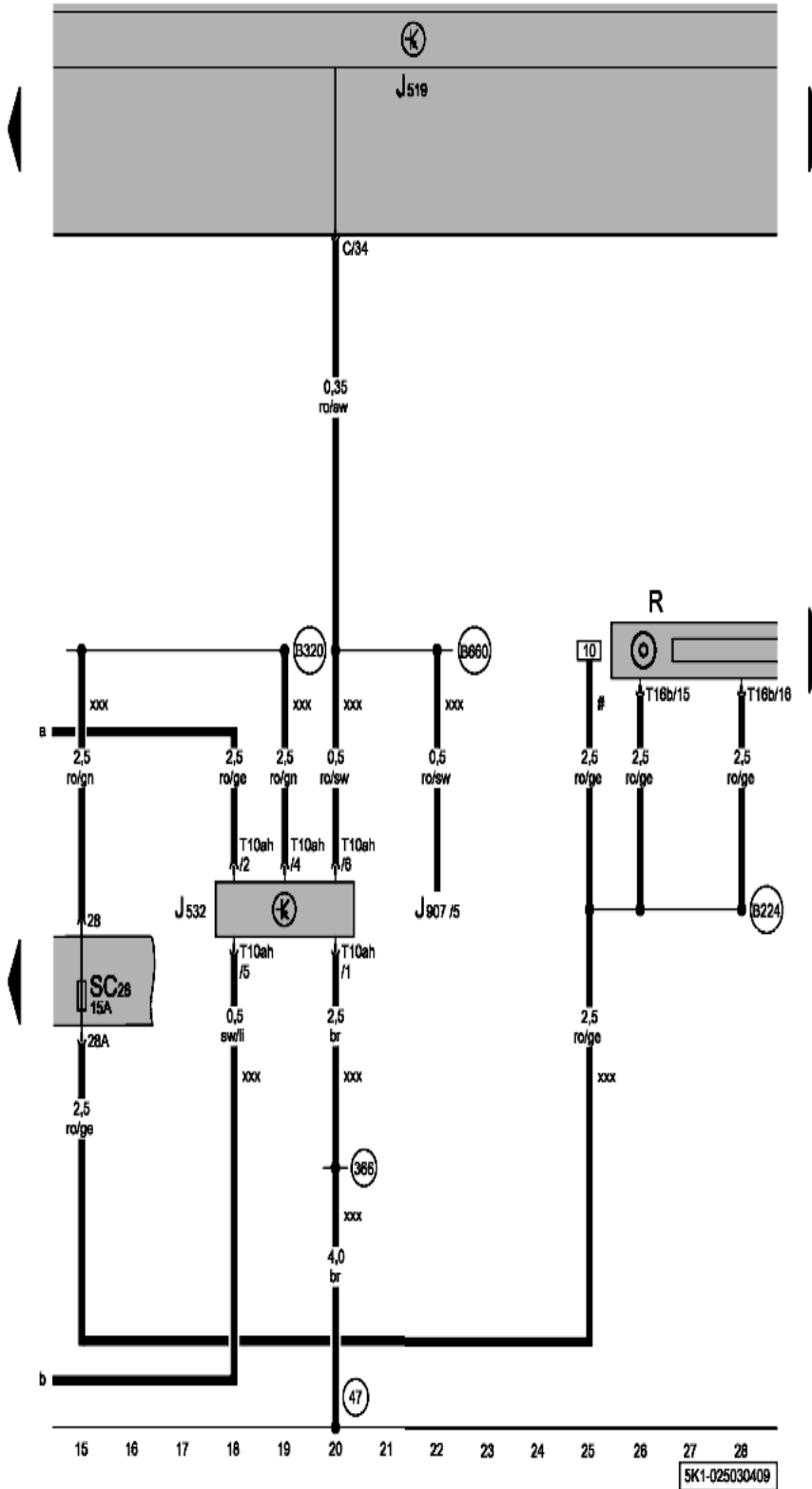
- Rear Window Defogger Relay, Power Supply Relay (terminal 15)**
- A - Battery
 - B - Starter
 - J9 - Rear Window Defogger Relay
 - J329 - Power Supply Relay (terminal 15) (53)
 - J519 - Vehicle Electrical System Control Module
 - J682 - Power Supply Relay (terminal 50)
 - J906 - Starter Relay 1
 - SA5 - Fuse 5 (on fuse panel A)
 - SB7 - Fuse 7 (on fuse panel B)
 - SB8 - Fuse 8 (on fuse panel B)
 - SC2 - Fuse 2 (on fuse panel C)
 - SC13 - Fuse 13 (on fuse panel C)
 - SC25 - Fuse 25 (on fuse panel C)
 - T40 - 40-Pin Connector
 - 44 - Ground Connection (on left lower A-pillar)
 - 367 - Ground Connection 2 (in main wiring harness)
 - Threaded

	508	Connection terminal 30 (on electronics box)
	605	- Ground Connection (on upper steering column) 
	A167	- Plus Connection 3 (30a) (in instrument panel wiring harness)
	B170	- Plus Connection 2 (30) (in interior wiring harness)
	B163	- Plus Connection 1 (15) (in interior wiring harness)
	B169	- Plus Connection 1 (30) (in interior wiring harness)
	B278	- Plus Connection 2 (15a) (in main wiring harness)
ws = white sw = black ro = red rt = red br = brown gn = green bl = blue gr = grey li = lilac vi = lilac ge = yellow or = orange rs = pink	#	- Only models without stop/start system
	xxx	- Only models with stop/start system
	x	- From November 2009
	x*	- Through October 2009

Golf

Wiring Diagram

No. 25 / 3



Radio, Voltage Stabilizer

- J519 - Vehicle Electrical System Control Module
- J532 - Voltage Stabilizer
- J907 - Starter Relay 2
- R - Radio
- SC28 - Fuse 28 (on fuse panel C)
- T10ah - 10-Pin Connector
- T16b - 16-Pin Connector
- 47 - Ground Connection (in front right footwell)
- 366 - Ground Connection 1 (in main wiring harness)
- B224 - Radio Connection 1 (in interior wiring harness)
- B320 - Plus Connection 6 (30a) (in main wiring harness)
- B660 - Connection (diagnostic, terminal 50) in main wiring harness
- # - Only models without stop/start system
- xxx - Only models with stop/start system

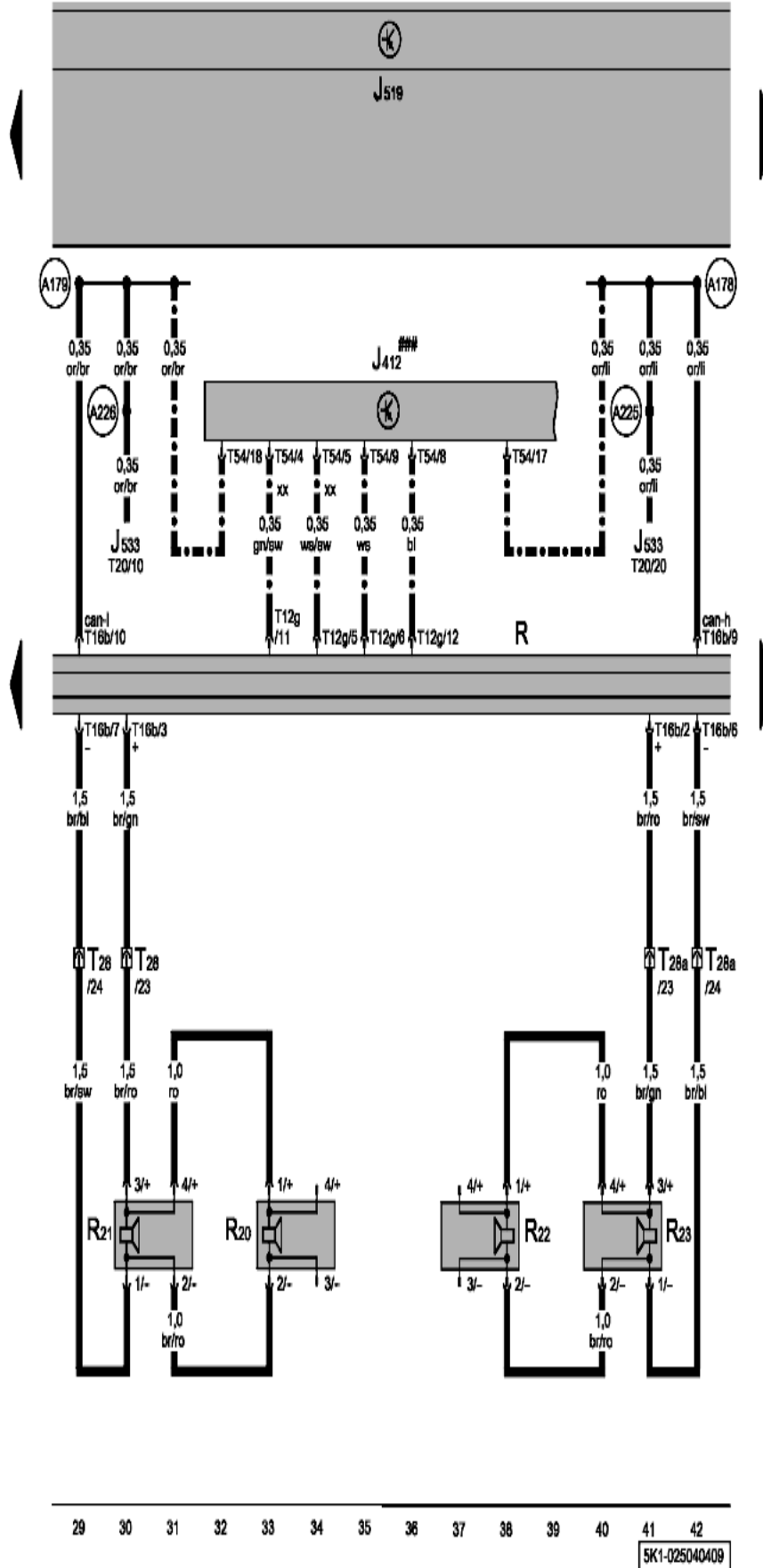


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

Golf

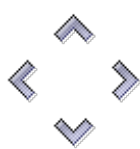

Wiring Diagram

No. 25 / 4



Radio, Front Speaker, Operating Electronics and Telephone Control Module

- J412 - Operating Electronics and Telephone Control Module
- J519 - Vehicle Electrical System Control Module
- J533 - Data Bus On Board Diagnostic Interface
- R - Radio
- R20 - Left Front Treble Speaker
- R21 - Left Front Bass Speaker
- R22 - Right Front Treble Speaker
- R23 - Right Front Bass Speaker
- T12g - 12-Pin Connector
- T16b - 16-Pin Connector
- T20 - 20-Pin Connector
- T28 - 28-Pin Connector, connector station A-pillar, left
- T28a - 28-Pin Connector, connector station A-pillar, right
- T54 - 54-Pin Connector
- A178 - Infotainment High-Bus Connection (in instrument)

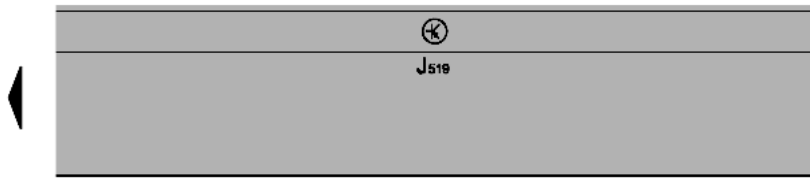
- 
A179
- Infotainment Low-bus Connection (in instrument panel wiring harness)
- 
A225
- Infotainment High-Bus Connection 2 (in instrument panel wiring harness)
- A226
- Infotainment Low-bus Connection 2 (in instrument panel wiring harness)
- ###
- Components not available on system preparation
- - Only models with telephone/telephone preparation
- xx
- Only Universal Cellular Telephone Preparation (UHV) Low

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

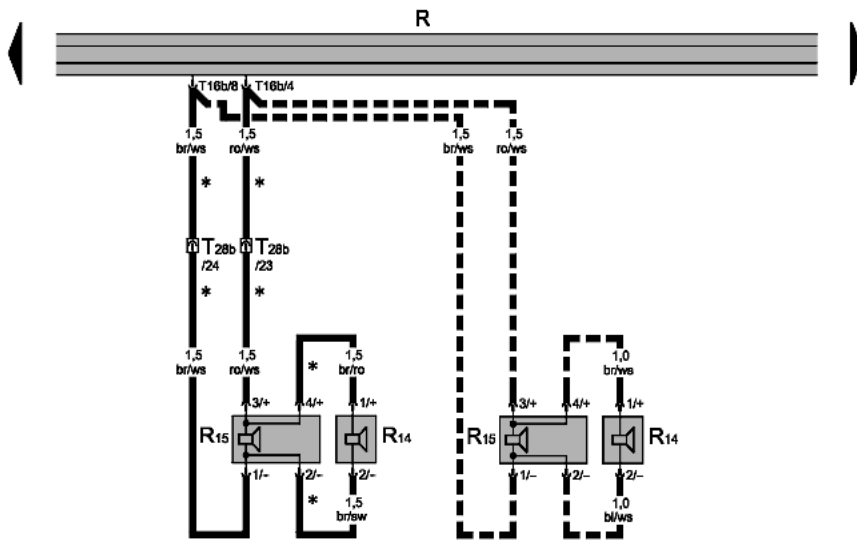
Wiring Diagram

No. 25 / 5



Radio, Left Rear Speaker

- J519 - Vehicle Electrical System Control Module
- R - Radio
- R14 - Left Rear Treble Speaker
- R15 - Left Rear Bass Speaker
- T16b - 16-Pin Connector
- T28b - 28-Pin Connector, connector station B-pillar, left



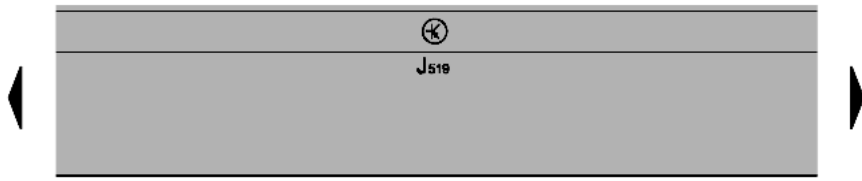
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

- * - Only 4-door models with rear speaker
- - Only 2-door models with rear speaker

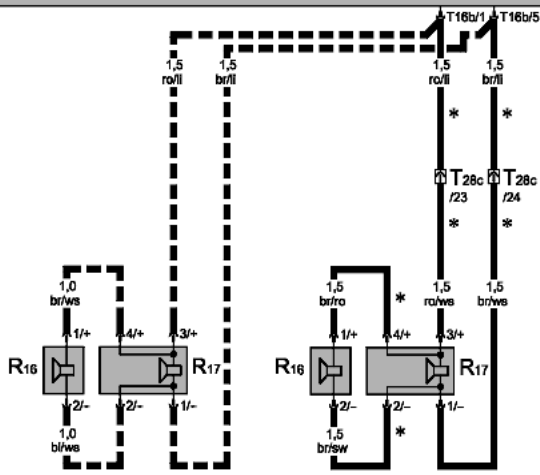
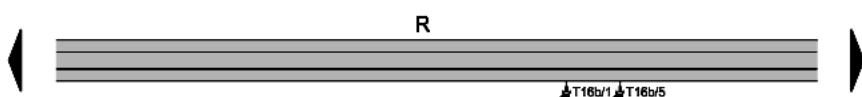
Golf

Wiring Diagram

No. 25 / 6



- Radio, Right Rear Speaker**
- J519 - Vehicle Electrical System Control Module
 - R - Radio
 - R16 - Right Rear Treble Speaker
 - R17 - Right Rear Bass Speaker
 - T16b - 16-Pin Connector
 - T28c - 28-Pin Connector, connector station B-pillar, right

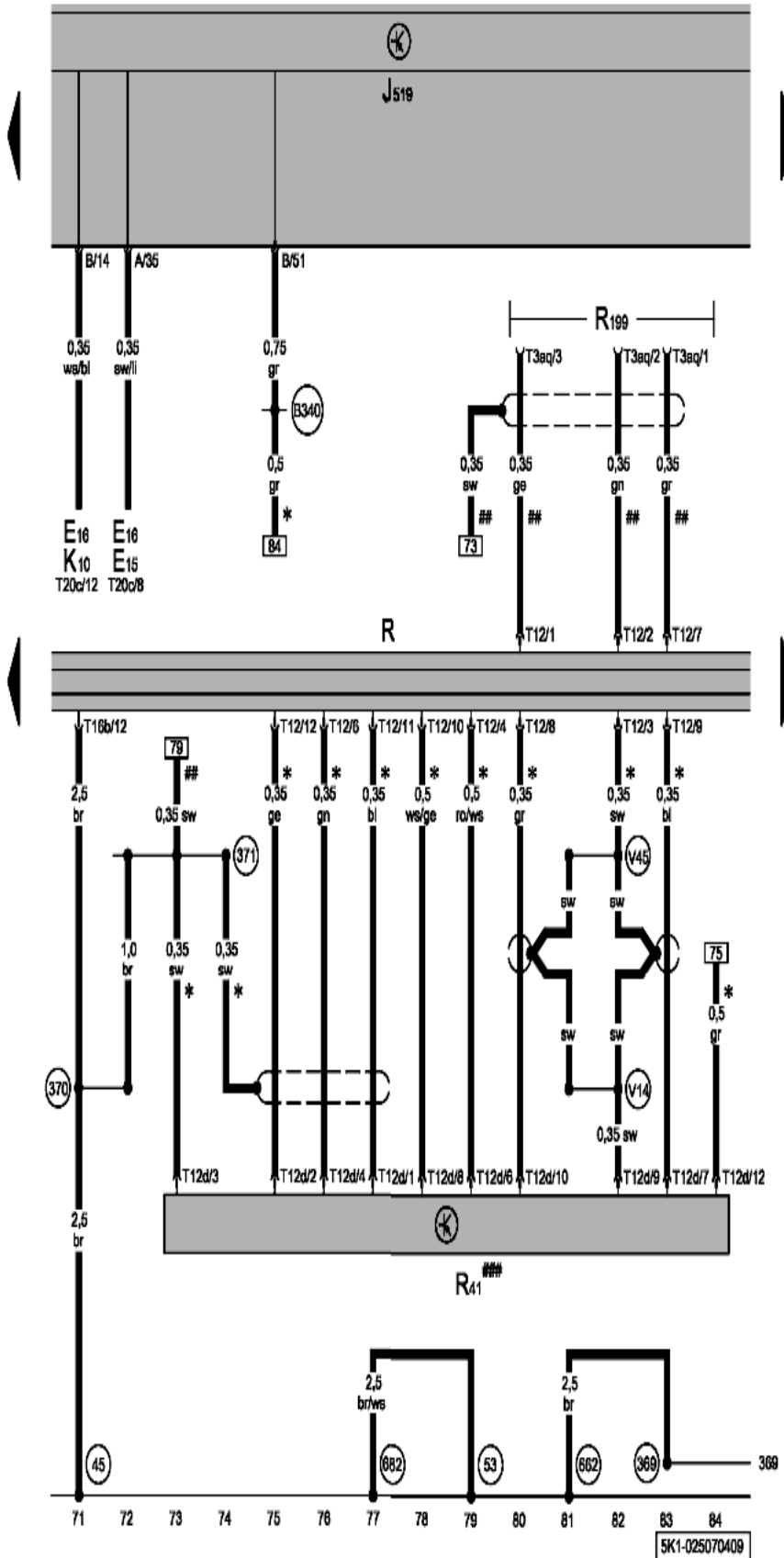


- ws = white
 - sw = black
 - ro = red
 - rt = red
 - br = brown
 - gn = green
 - bl = blue
 - gr = grey
 - li = lilac
 - vi = lilac
 - ge = yellow
 - or = orange
 - rs = pink
- * - Only 4-door models with rear speaker
 - - Only 2-door models with rear speaker

Golf


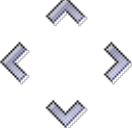



Wiring Diagram

No. 25 / 7



Radio, CD Changer,
External Audio
Source Connector

- E15 - Rear Window Defogger Switch
- E16 - Heater/Heat Output Switch
- J519 - Vehicle Electrical System Control Module
- K10 - Rear Window Defogger Indicator Lamp
- R - Radio
- R41 - CD Changer
- R199 - External Audio Source Connector
- T3aq - 3-Pin Connector, in glove compartment
- T12 - 12-Pin Connector
- T12d - 12-Pin Connector
- T16b - 16-Pin Connector
- T20c - 20-Pin Connector
- 45 - Ground Connection (behind instrument panel, center)
- 53 - Ground Connection (in rear lid, right)
- 369 - Ground Connection 4 (in main wiring harness)
- 370 - Ground Connection 5 (in main

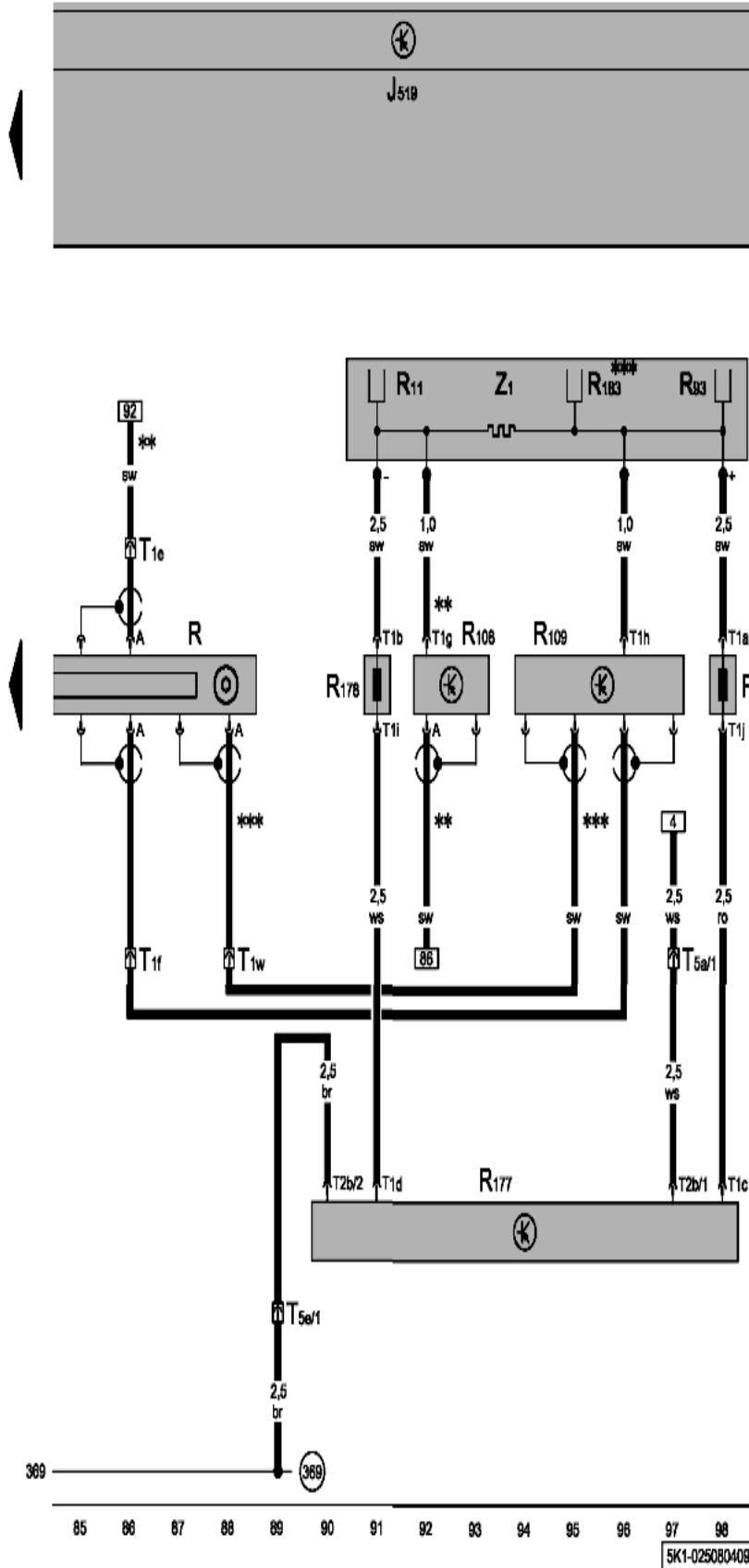
		wiring harness)
371		- Ground Connection 6 (in main wiring harness)
662		- Ground Connection (on left rear side panel) 
682		- Ground Connection 2 (in right rear side panel) 
B340		- Connection 1 (58d) (in main wiring harness)
V14		- Connection (shielding) (in CD-changer wiring harness)
V45		- Connection 2 (shielding)(in CD changer wiring harness)
		* - Only models with CD changer/ CD changer preparation
		## - Only external audio connector in glove compartment
		### - Components not available on system preparation

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

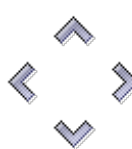





Wiring Diagram

No. 25 / 8



Radio, Antennas,
Heated Rear
Window, Antenna
Modules, AM and FM
Frequency Filter

- J519 - Vehicle Electrical System Control Module
- R - Radio
- R11 - Antenna
- R93 - Radio Antenna 2
- R108 - Left Antenna Module
- R109 - Right Antenna Module
- R177 - AM Frequency Filter, in rear lid
- R178 - FM Frequency Filter (in negative wire)
- R179 - FM Frequency Filter (in positive wire)
- R183 - Digital Radio Antenna
- T1a - Single Connector
- T1b - Single Connector
- T1c - Single Connector
- T1d - Single Connector
- T1e - Single Connector, behind right C-pillar trim
- T1f - Single Connector, behind right C-pillar trim

	T1g	- Single Connector
	T1h	- Single Connector
	T1i	- Single Connector
	T1j	- Single Connector
	T1w	- Single Connector, behind right C-pillar trim
		
	T2b	- Double Connector
		
	T5a	- 5-Pin Connector, black, in left rear side panel 
	T5e	- 5-Pin Connector, pink, in left rear side panel 
	Z1	- Heated Rear Window
	369	- Ground Connection 4 (in main wiring harness)
	**	- Only radio systems with Diversity
	***	- Only Digital Radio Antenna

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 38 / 1

07.2012

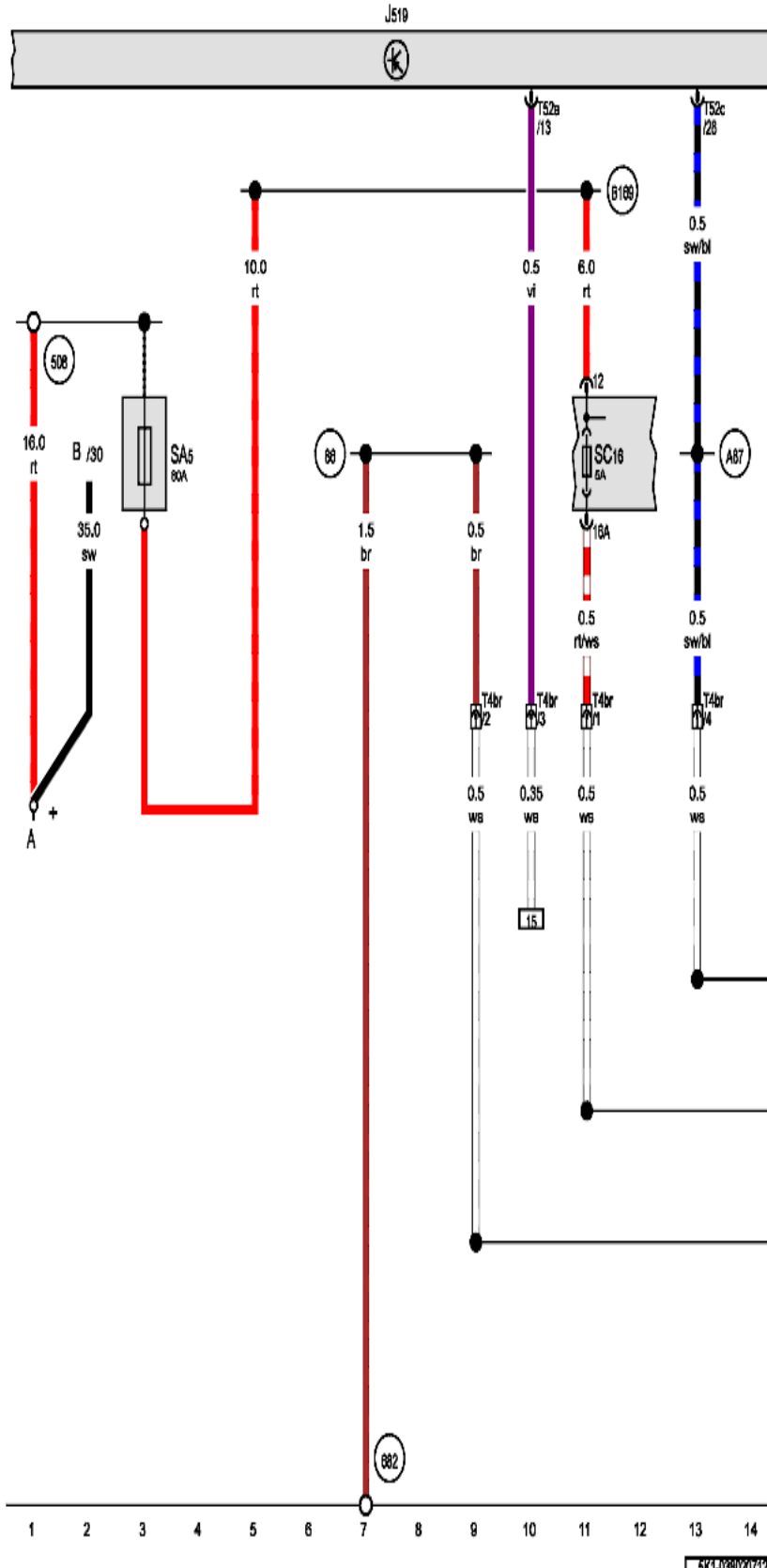
Rearview camera (Rear Assist)

from July 2008

Golf

Wiring Diagram

No. 38 / 2



- Vehicle electrical system control module, Fuse 5 (on fuse panel A), Fuse 16 (on fuse panel C)**
- A - Battery
 - B - Starter
 - J519 - Vehicle electrical system control module
 - SA5 - Fuse 5 (on fuse panel A)
 - SC16 - Fuse 16 (on fuse panel C)
 - T4br - 4-pin connector, behind the right C-pillar trim panel
 - T52a - 52-pin connector
 - T52c - 52-pin connector
 - 86 - Ground connection 1 (in rear wiring harness)
 - 218 - Ground connection 1 (in rear lid wiring harness)
 - 508 - Terminal 30 threaded connection (on E-box)
 - 682 - Ground connection 2 in right rear side panel
 - A87 - Back-up lamp connection (in instrument panel wiring harness)
 - B169 - Positive connection 1

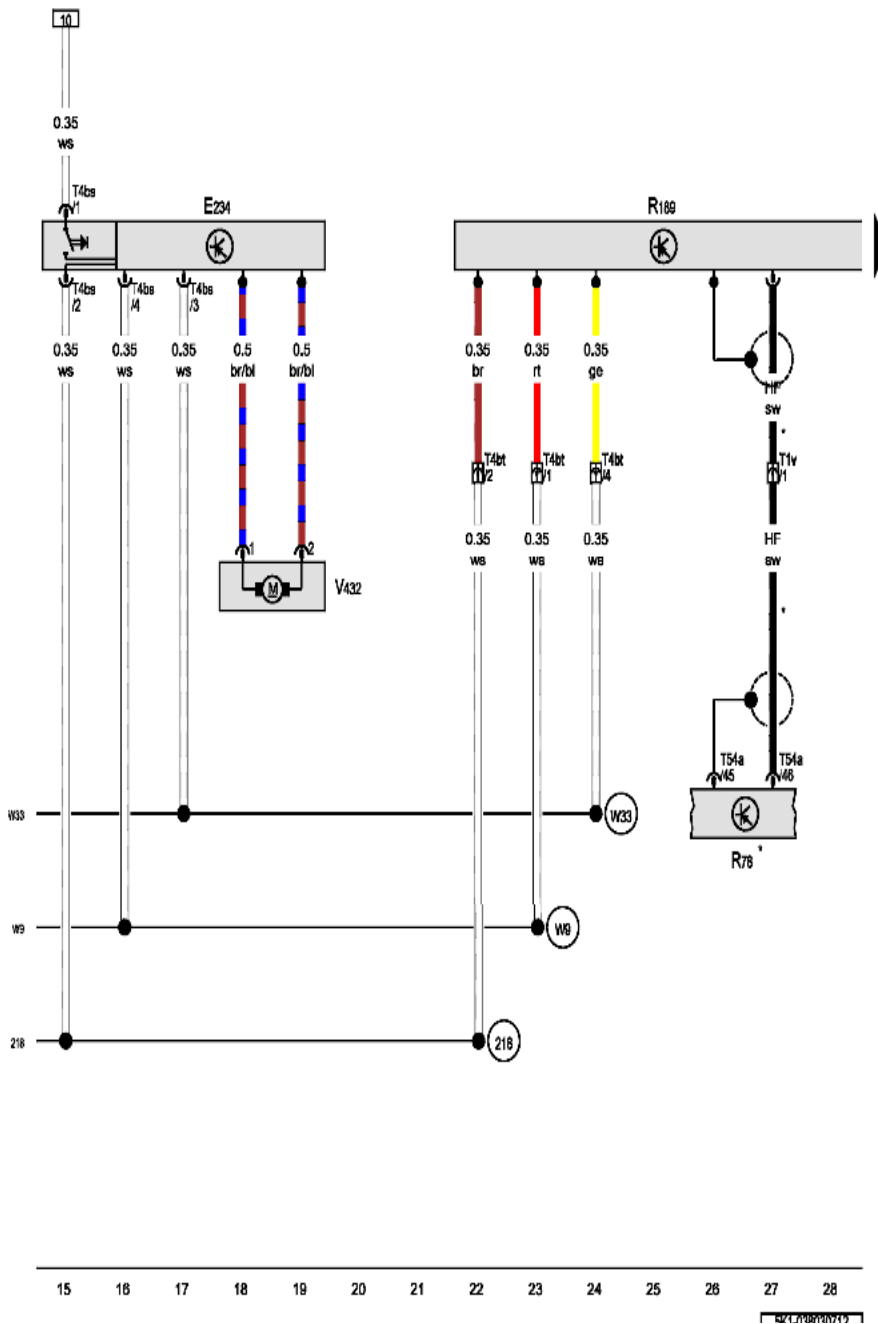
ws = white
sw = black

ro = red		(30) (in
rt = red		interior wiring
br = brown		harness)
gn = green		- Positive
bl = blue	W9	connection 1
gr = grey		(30) (in rear
li = lilac		wiring
vi = lilac		harness)
ge = yellow		- Back-up
or = orange	W33	lamp
rs = pink		connection
		(in rear lid
		wiring
		harness)

Golf

Wiring Diagram

No. 38 / 3



- Release button in rear lid handle, Rearview camera, Emblem motor**
- E234 - Release button in rear lid handle
- R78 - TV tuner
- R189 - Rearview camera
- T1v - Single connector, behind the right C-pillar trim panel
- T4bs - 4-pin connector
- T4bt - 4-pin connector, in the rear lid
- T54a - 54-pin connector
- V432 - Emblem motor
- 218 - Ground connection 1 (in rear lid wiring harness)
- W9 - Positive connection 1 (30) (in rear wiring harness)
- W33 - Back-up lamp connection (in rear lid wiring harness)
- * - Only for vehicles with Japan equipment

Golf

Wiring Diagram

No. 38 / 4

Radio/navigation display unit control module, Navigation system control module, Rearview camera

J503- Radio/navigation display unit control module

J856 - Navigation system control module

R189 - Rearview camera

T5s - 5-pin connector, in the right rear side panel

T5t - 5-pin connector, in the rear lid

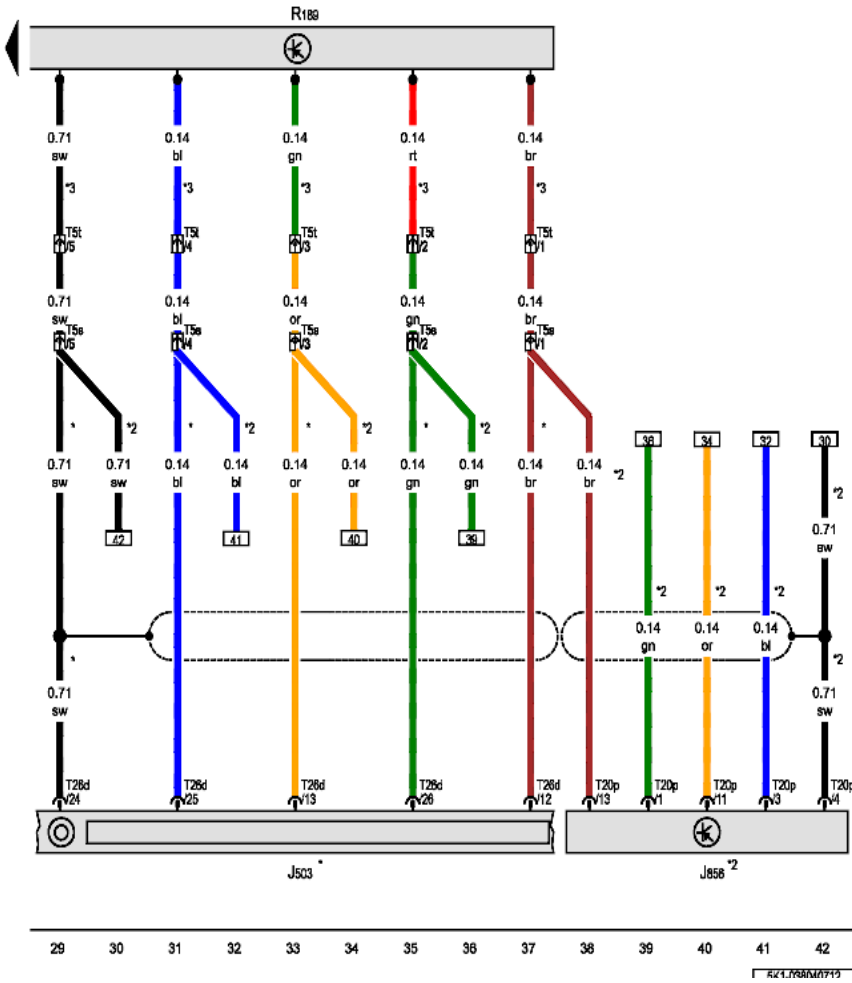
T20p - 20-pin connector

T26d - 26-pin connector

* - Not for vehicles with Korea equipment

*2 - Only for vehicles with Korea equipment

*3 - Only for vehicles without Japan equipment



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 150 / 1

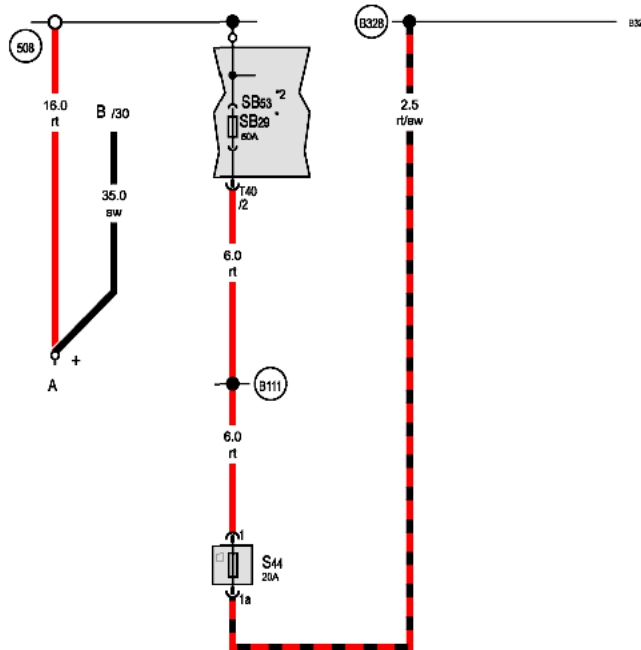
07.2012

Lumbar support adjustment for USA/Canada without power seat adjustment
from August 2010




Golf

Wiring Diagram

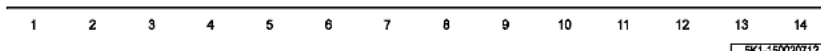
No. 150 / 2



Driver power seat adjustment circuit breaker 1

- A - Battery
- B - Starter
- SB29 - Fuse 29 (on fuse panel B) 
- S44 - Driver power seat adjustment circuit breaker 1 
- SB53 - Fuse 53 (on fuse panel B) 
- T40 - 40-pin connector
- 508 - Terminal 30 threaded connection (on E-box)
- B111 - Positive connection 1 (30a) (in interior wiring harness)
- B328 - Positive connection 14 (30a) (in main wiring harness)
- * - E-Box low
- *2 - E-Box high

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink



Golf

Wiring Diagram

No. 150 / 3

Backrest adjustment button, Driver backrest adjustment motor

E176 - Driver seat lumbar support adjustment switch

E425 - Backrest adjustment button

T2cj - Double connector, under the driver seat

T8ap - 8-pin connector

T10a - 10-pin connector, under the driver seat

V45 - Driver backrest adjustment motor

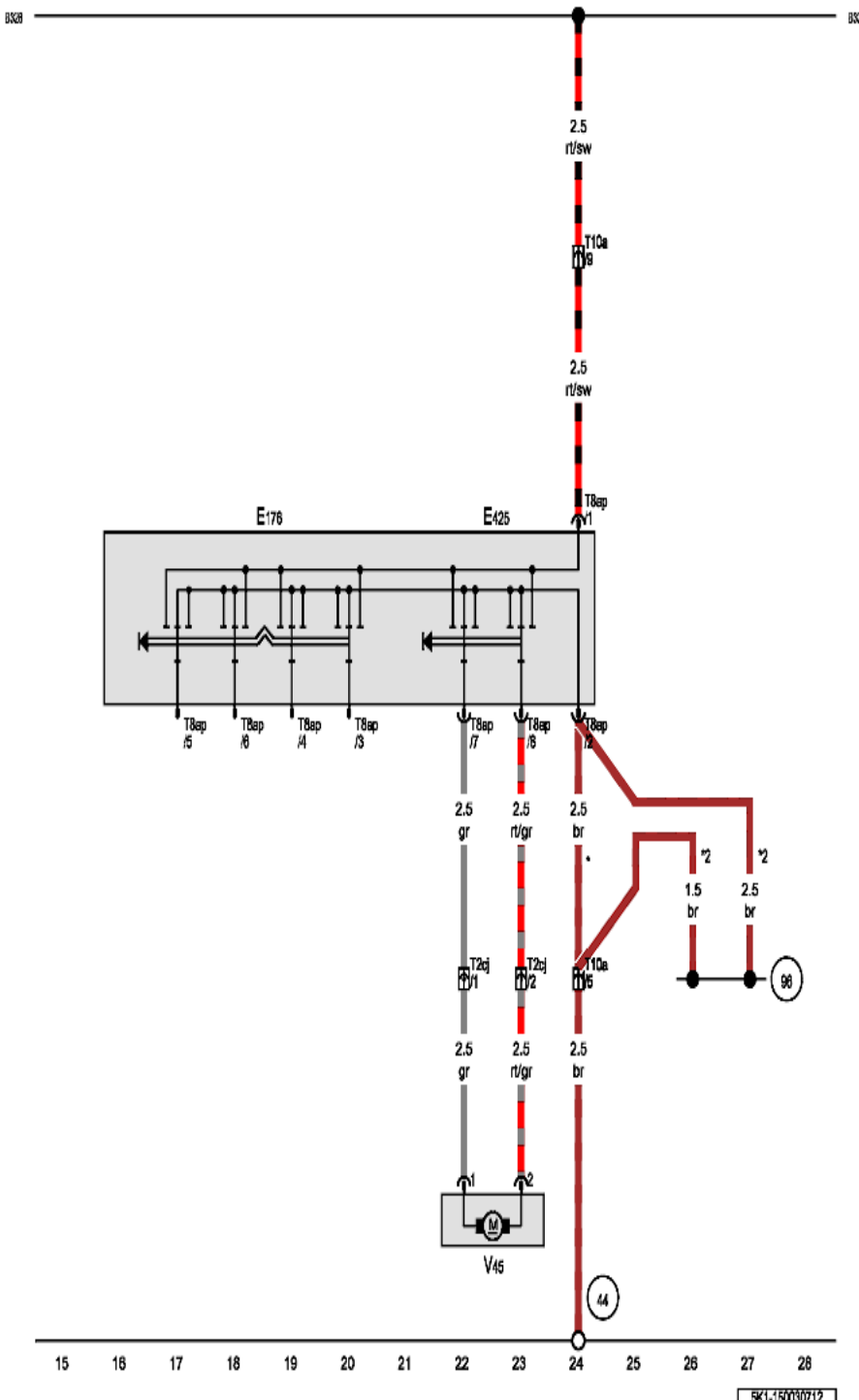
44 - Ground connection on A-pillar, lower left

96 - Ground connection 1 (in heated seats wiring harness)

B328 - Positive connection 14 (30a) (in main wiring harness)

* - Only for vehicles without heated seats

*2 - Only for vehicles with an auxiliary heater



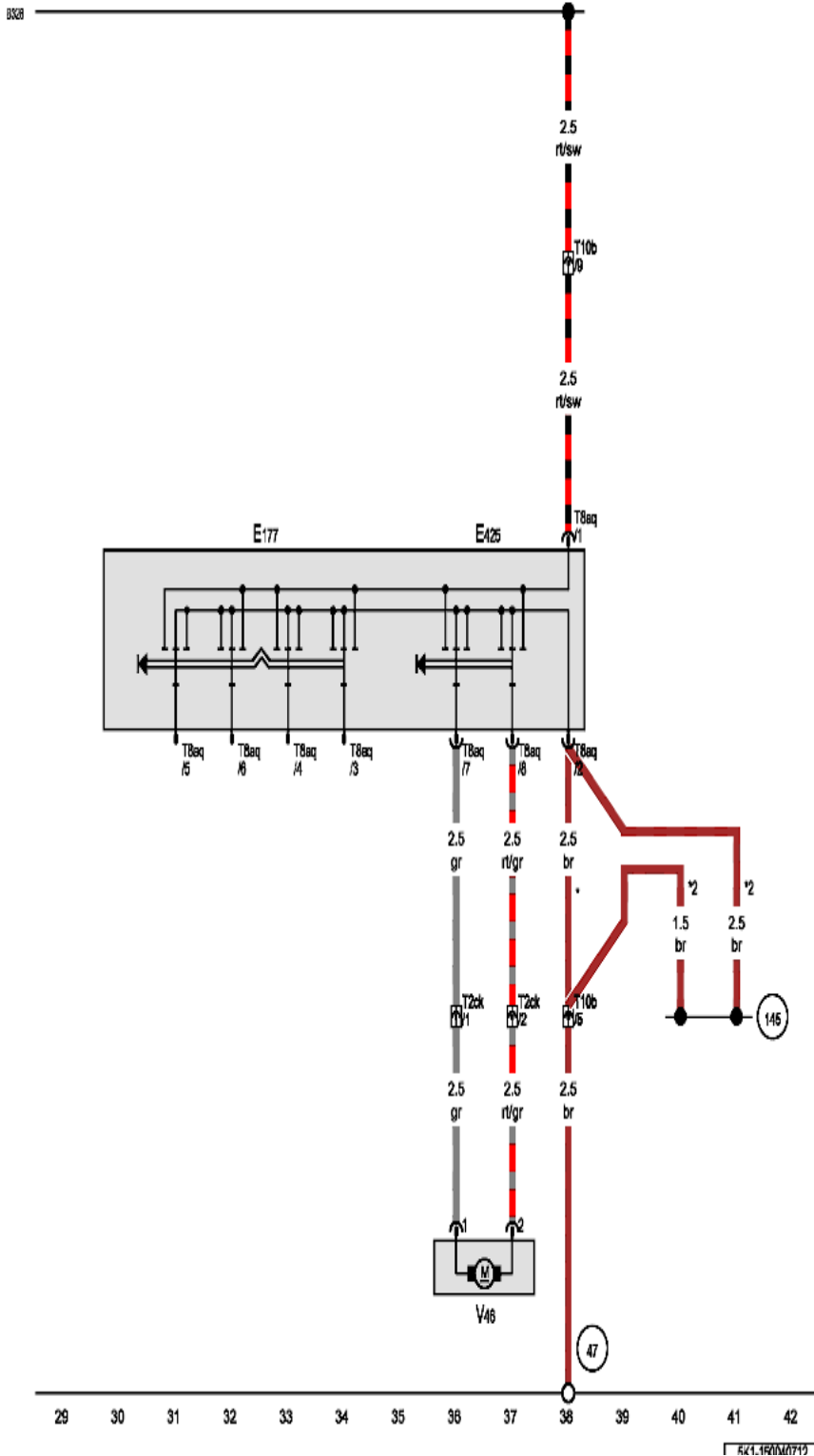
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink





Golf

Wiring Diagram

No. 150 / 4

Backrest adjustment button, Front passenger backrest adjustment motor



- E177 - Front passenger seat lumbar support adjustment switch
- E425 - Backrest adjustment button 
- T2ck - Double connector, under the front passenger seat
- T8aq - 8-pin connector
- T10b - 10-pin connector, under the front passenger seat 
- V46 - Front passenger backrest adjustment motor 
- 47 - Ground connection in right front footwell 
- 145 - Ground connection 3 (in heated seats wiring harness)
- B328 - Positive connection 14 (30a) (in main wiring harness)
- * - Only for vehicles without heated seats
- *2 - Only for vehicles with an auxiliary heater



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

Golf

Wiring Diagram

No. 10 / 1

01.2010

Socket 230V

from July 2008

Note:

Information for

- ◆ Relay and fuse arrangements
- ◆ Connector arrangements
- ◆ Control Modules and Relays
- ◆ Ground connections

→ Component Locations

Information for

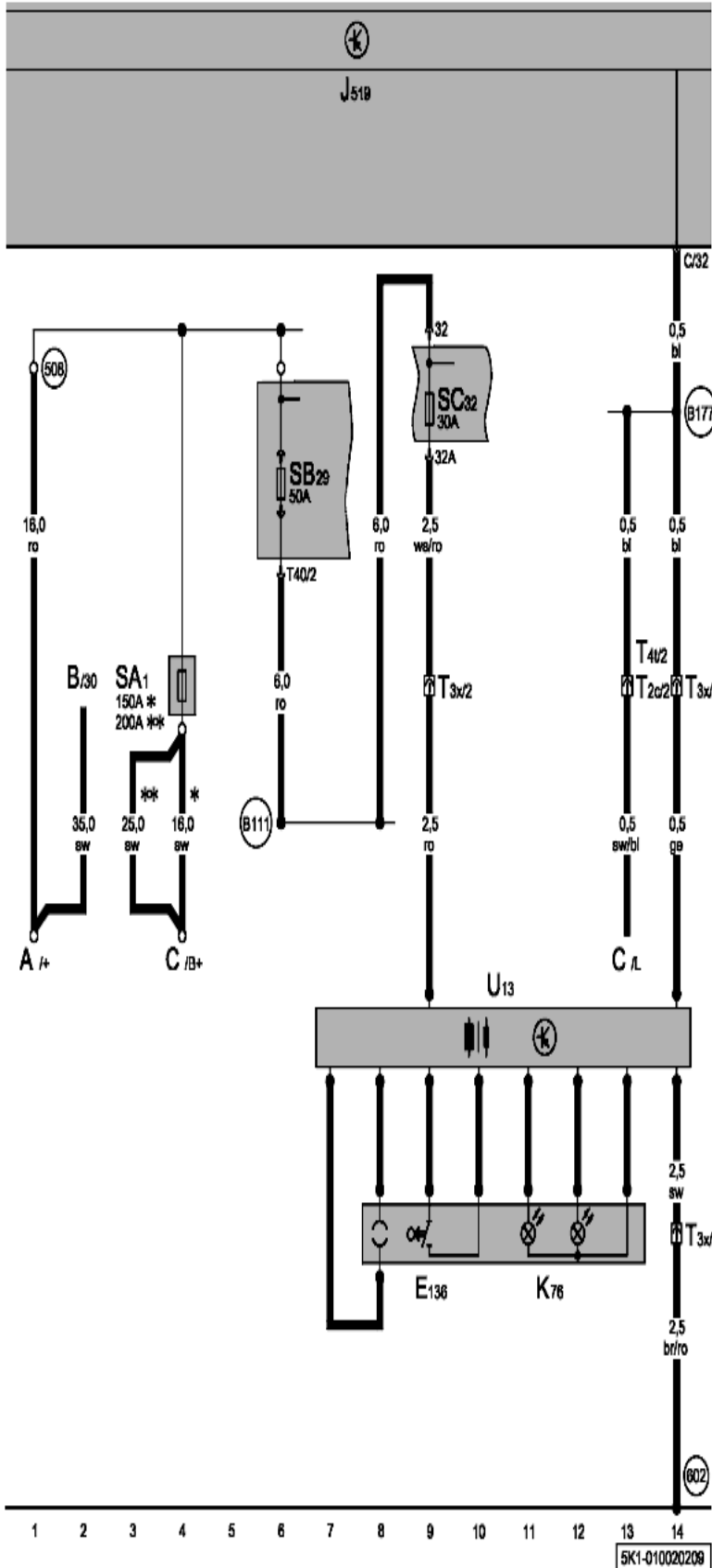
- ◆ Troubleshooting Procedures

→ Guided Fault Finding using VAS 5051 / 5052

Golf

Wiring Diagram

No. 10 / 2




Converter with Socket, 12V - 230V, DC/AC Converter Switch, Electric Socket Control Lamp

- A - Battery
- B - Starter
- C - Generator (GEN)
- E136 - DC/AC Converter Switch
- J519 - Vehicle Electrical System Control Module
- K76 - Electric Socket Control Lamp
- SA1 - Fuse 1 (on fuse panel A)
- SB29 - Fuse 29 (on fuse panel B)
- SC32 - Fuse 32 (on fuse panel C)
- T2c - Double Connector, near starter (models without A/C)
- T3x - 3-Pin Connector, on converter
- T4t - 4-Pin Connector, near starter (models with A/C)
- T40 - 40-Pin Connector
- U13 - Converter with Socket, 12V - 230V
- 508 - Threaded Connection terminal 30 (on electronics box)
- Ground



ws = white

sw = black		
ro = red		
rt = red		
br = brown		
gn = green		
bl = blue		
gr = grey		
li = lilac		
vi = lilac		
ge = yellow		
or = orange		
rs = pink		
	602	Connection (in front left footwell) 
	B111	- Plus Connection 1 (30a) (in interior wiring harness)
	*	- Models with 90 A/ 120 A generator
	**	- Models with 140 A generator

Golf

Wiring Diagram

No. 108 / 1

01.2012

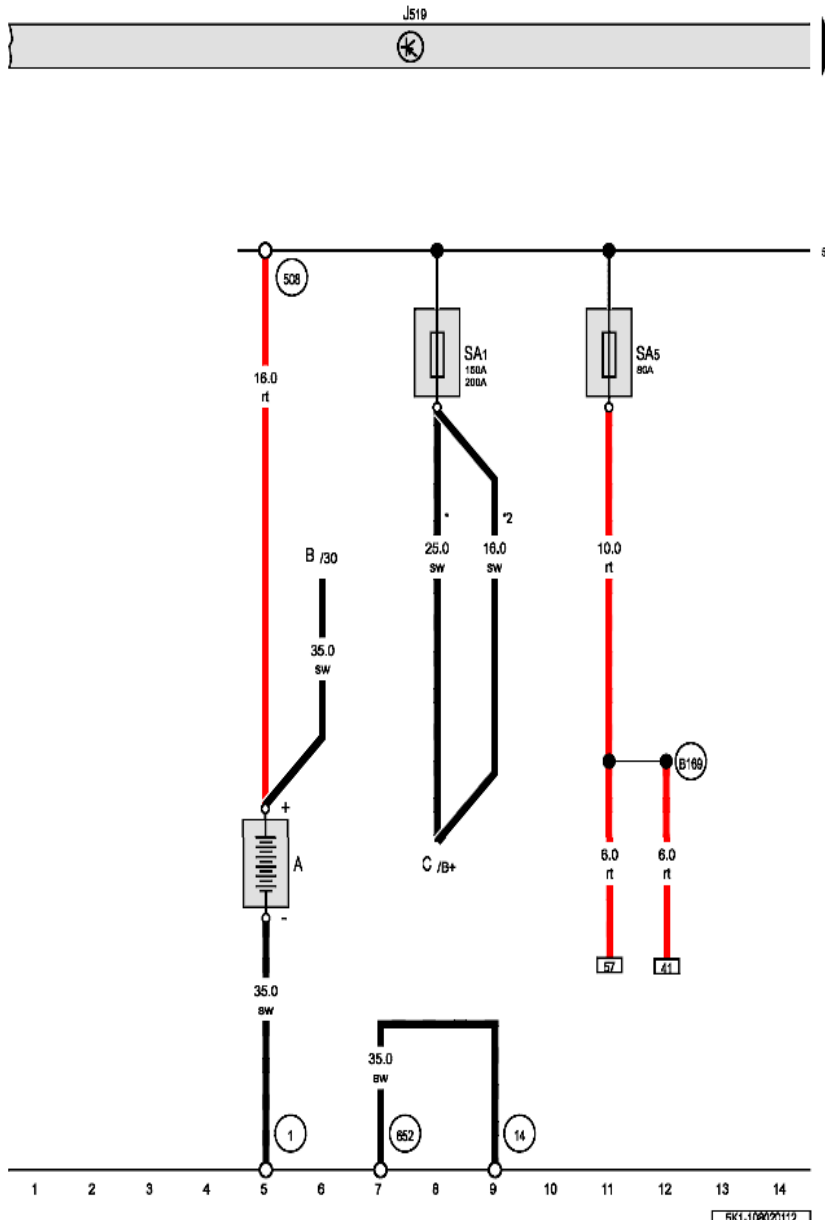
Standard equipment (Canada, Mexico, USA)

from May 2011

Golf

Wiring Diagram

No. 108 / 2



- Battery, Fuse 1 (on fuse panel A), Fuse 5 (on fuse panel A)**
- A - Battery
- B - Starter
- C - Generator
- J519 - Vehicle electrical system control module
- SA1 - Fuse 1 (on fuse panel A)
- SA5 - Fuse 5 (on fuse panel A)
- 1 - Ground strap, battery to body
- 14 - Ground connection on transmission
- 508 - Terminal 30 threaded connection (on E-box)
- 652 - Transmission/engine ground connection
- B169 - Positive connection 1 (30) (in interior wiring harness)
- * - Only for vehicles with a generator (140 A)
- *2 - Only for vehicles with 90 A/120 A generator

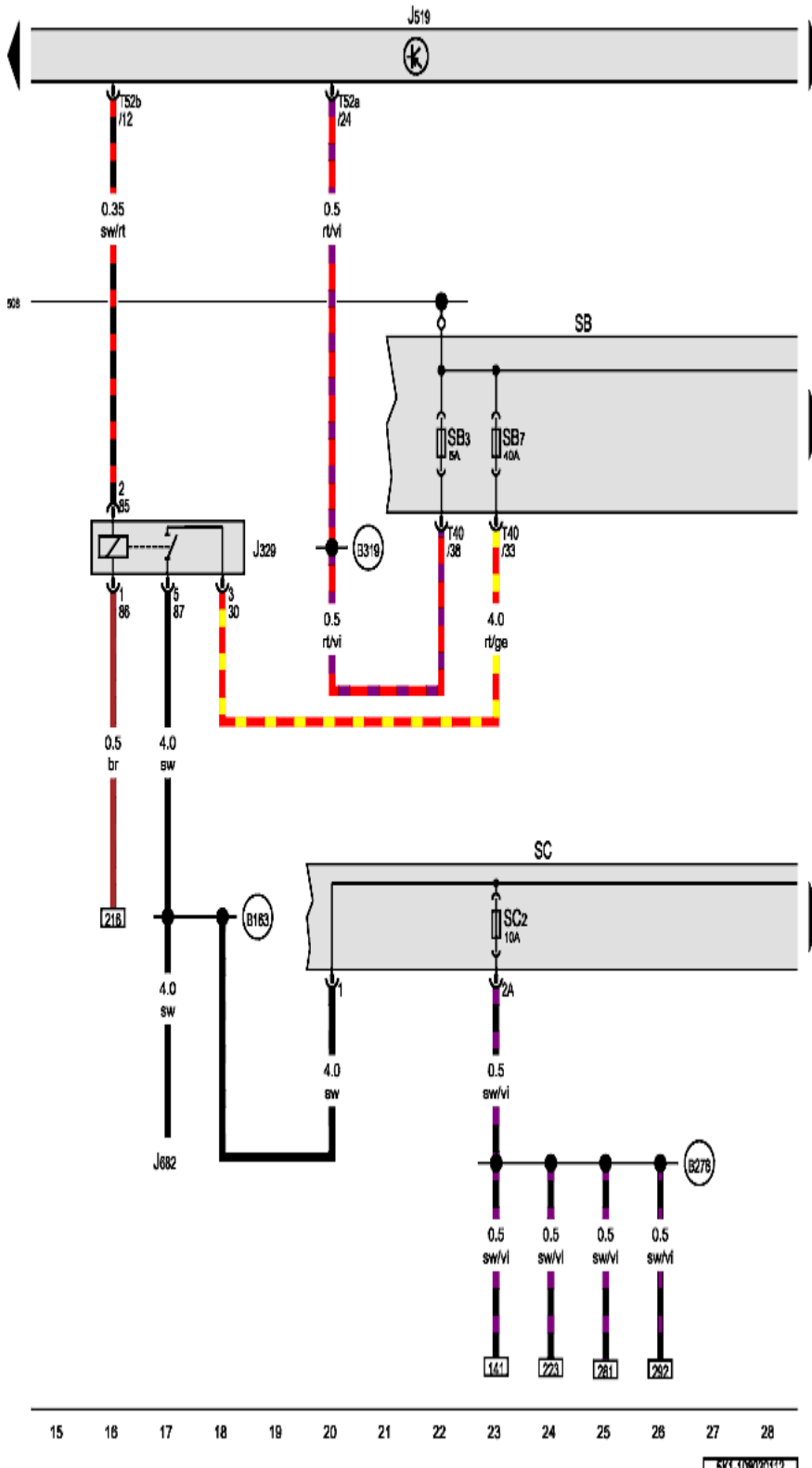
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 108 / 3

Terminal 15 power supply relay, Fuse panel B, Fuse panel C



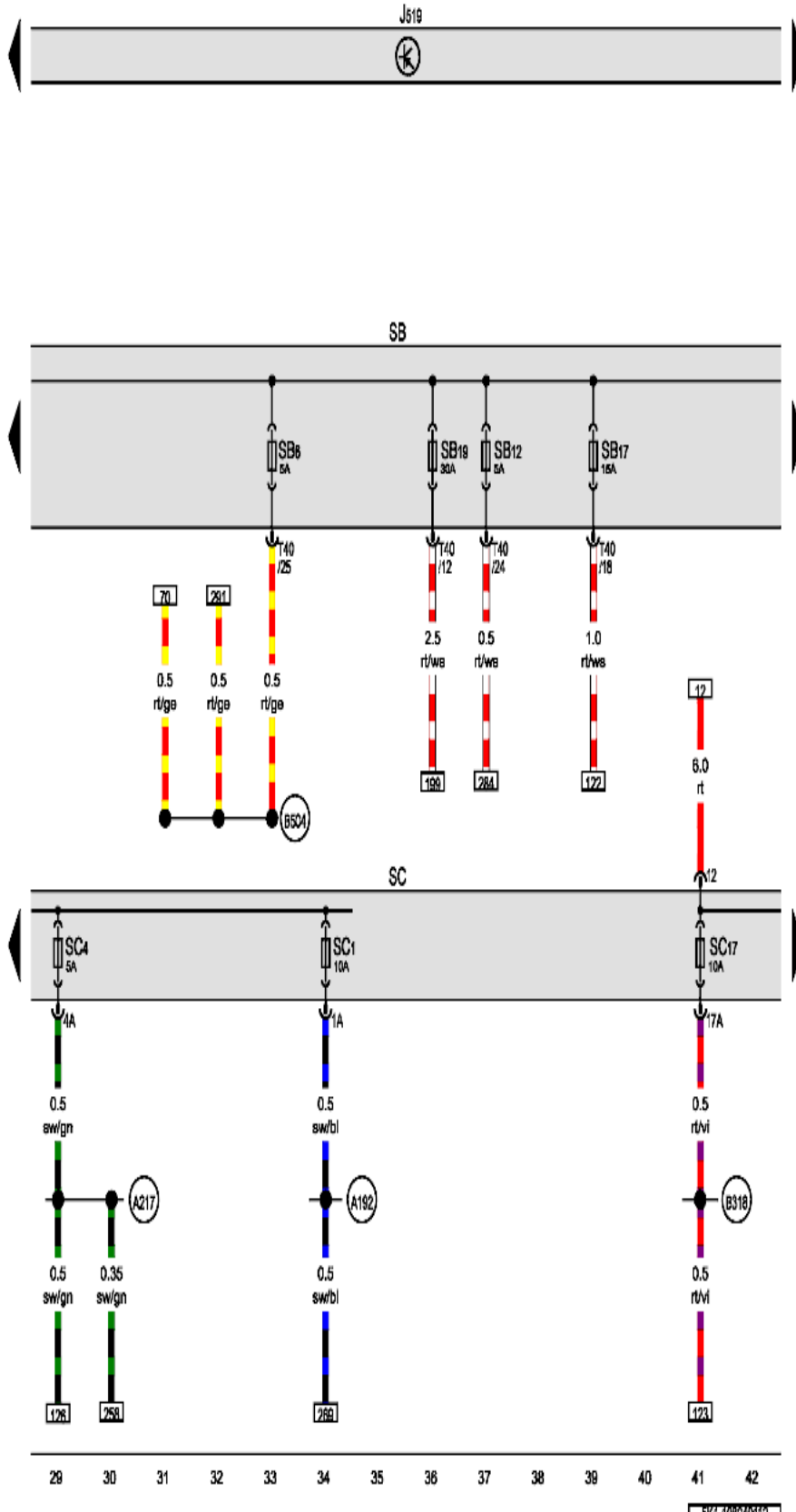
- J329 - Terminal 15 power supply relay
- J519 - Vehicle electrical system control module
- J682 - Terminal 50 power supply relay
- SB - Fuse panel B
- SB3 - Fuse 3 (on fuse panel B)
- SB7 - Fuse 7 (on fuse panel B)
- SC - Fuse panel C
- SC2 - Fuse 2 (on fuse panel C)
- T40 - 40-pin connector
- T52a - 52-pin connector
- T52b - 52-pin connector
- 508 - Terminal 30 threaded connection (on E-box)
- B163 - Positive connection 1 (15) (in interior wiring harness)
- B278 - Positive connection 2 (15a) (in main wiring harness)
- B319 - Positive connection 5 (30a) (in main wiring harness)

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 108 / 4



Fuse panel B, Fuse panel C

- J519 - Vehicle electrical system control module
- SB - Fuse panel B
- SC - Fuse panel C
- SC1 - Fuse 1 (on fuse panel C)
- SC4 - Fuse 4 (on fuse panel C)
- SB6 - Fuse 6 (on fuse panel B)
- SB12 - Fuse 12 (on fuse panel B)
- SB17 - Fuse 17 (on fuse panel B)
- SC17 - Fuse 17 (on fuse panel C)
- SB19 - Fuse 19 (on fuse panel B)
- T40 - 40-pin connector
- A192 - Positive connection 3 (15a) (in instrument panel wiring harness)
- A217 - Positive connection 8 (15a) (in instrument panel wiring harness)
- B318 - Positive connection 4 (30a) (in main wiring harness)
- B504 - Positive connection 8 (30a) (in interior wiring)



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
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 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink


















harness)

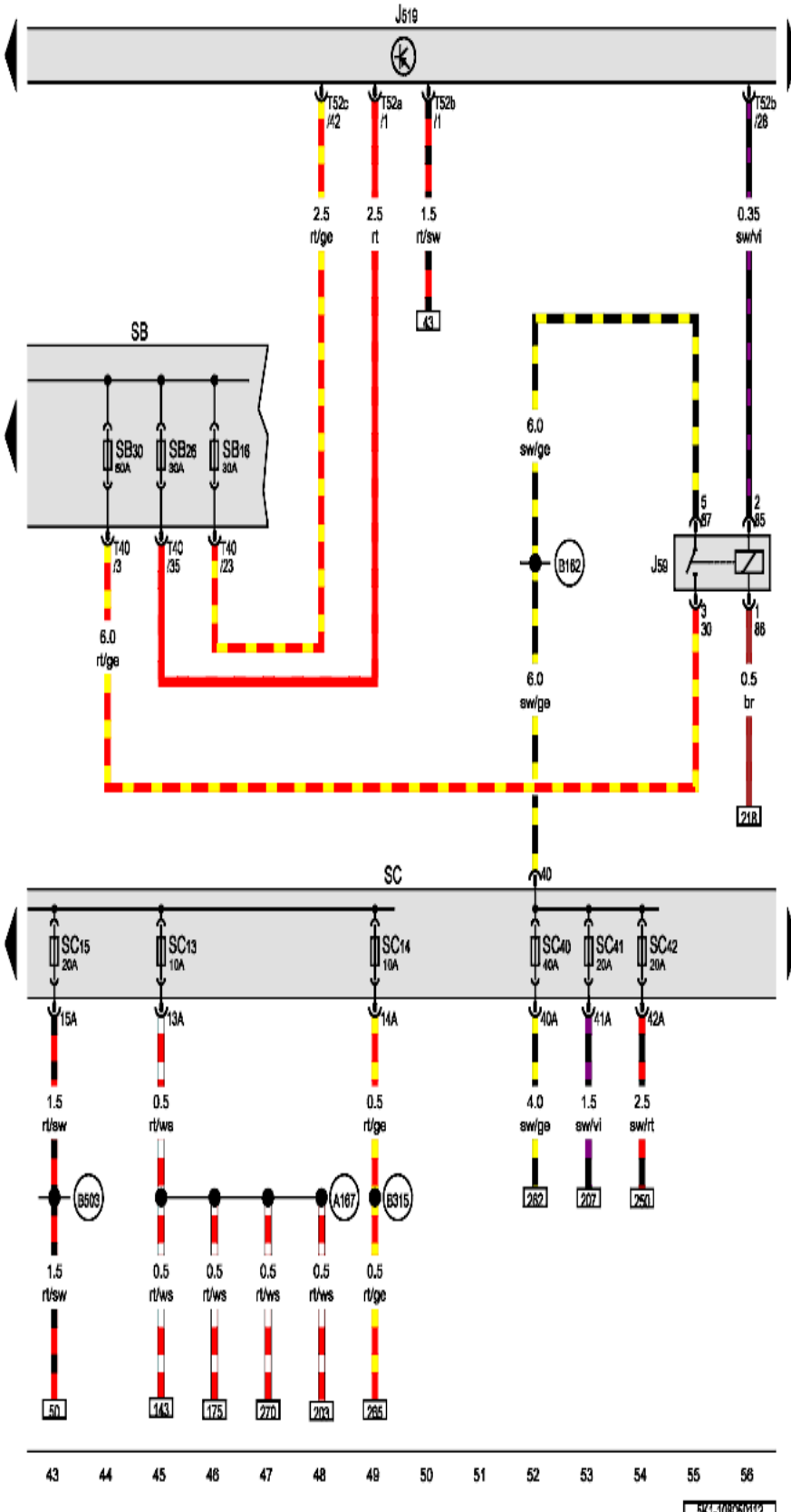
Golf

Wiring Diagram

No. 108 / 5

Load reduction relay, Fuse panel B, Fuse panel C

- J59 - Load reduction relay 
- J519 - Vehicle electrical system control module 
- SB - Fuse panel B 
- SC13 - Fuse 13 (on fuse panel C) 
- SC14 - Fuse 14 (on fuse panel C) 
- SC15 - Fuse 15 (on fuse panel C) 
- SB16 - Fuse 16 (on fuse panel B) 
- SB26 - Fuse 26 (on fuse panel B) 
- SB30 - Fuse 30 (on fuse panel B) 
- SC - Fuse panel C 
- SC40 - Fuse 40 (on fuse panel C) 
- SC41 - Fuse 41 (on fuse panel C) 
- SC42 - Fuse 42 (on fuse panel C) 
- T40 - 40-pin connector 
- T52a - 52-pin connector 
- T52b - 52-pin connector 
- T52c - 52-pin connector 
- A167 - Positive connection 3 (30a) (in instrument)

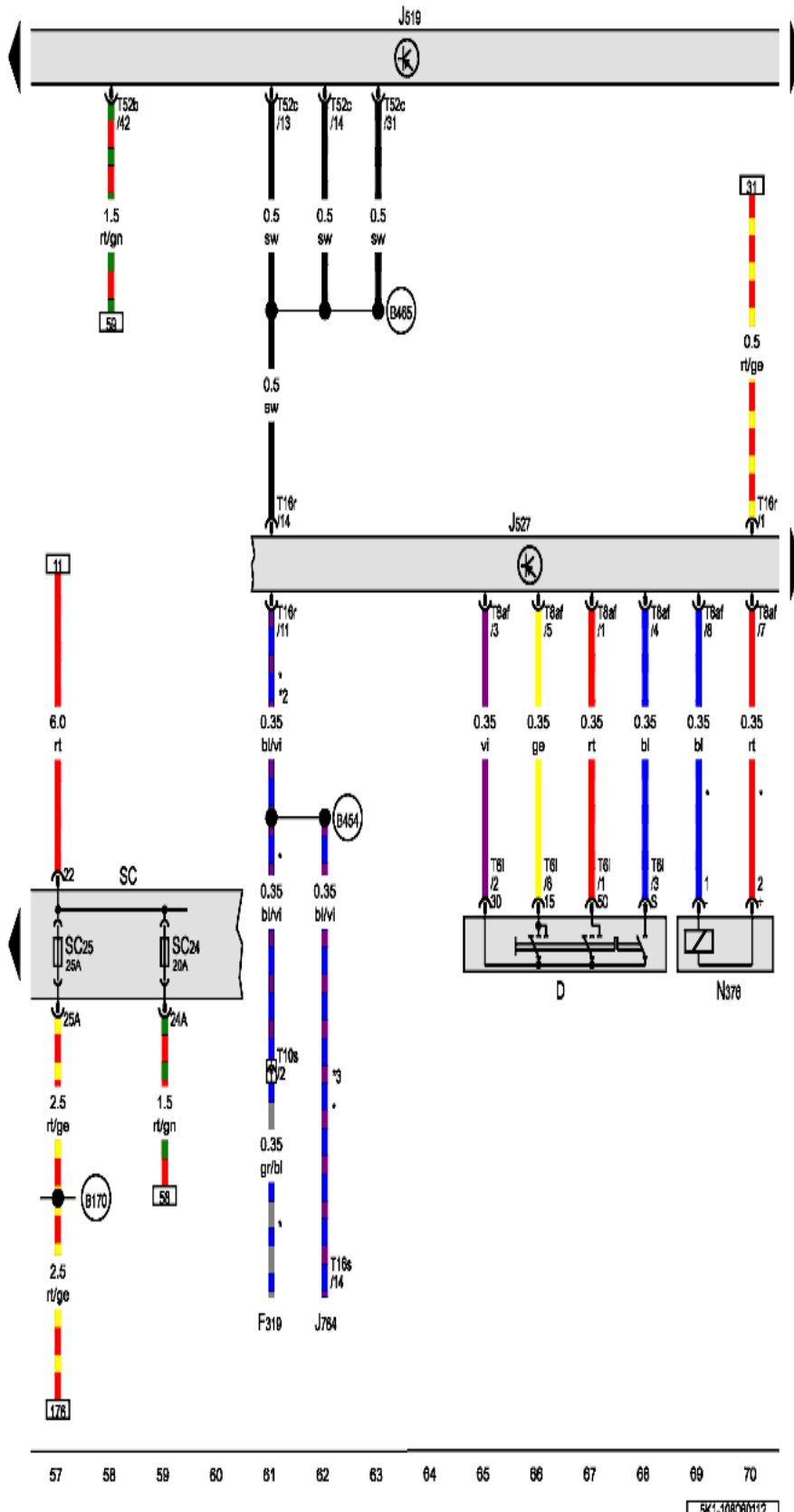


ws = white		panel wiring harness)
sw = black		
ro = red		
rt = red	B162	- Connection (75a) (in interior wiring harness)
br = brown		
gn = green		
bl = blue		
gr = grey	B315	- Positive connection 1 (30a) (in main wiring harness)
li = lilac		
vi = lilac		
ge = yellow		
or = orange		
rs = pink	B503	- Positive connection 7 (30a) (in interior wiring harness)

Golf

Wiring Diagram

No. 108 / 6



- Ignition/starter switch, Steering column electronics control module, Ignition switch key lock solenoid, Fuse panel C**
- D - Ignition/starter switch
- F319 - Selector lever park position lock switch
- J519 - Vehicle electrical system control module
- J527 - Steering column electronics control module
- J764 - Electronic steering column lock control module
- N376 - Ignition switch key lock solenoid, on the ignition/starter switch
- SC - Fuse panel C
- SC24 - Fuse 24 (on fuse panel C)
- SC25 - Fuse 25 (on fuse panel C)
- T6l - 6-pin connector
- T8af - 8-pin connector
- T10s - 10-pin connector, under the selector lever
- T16r - 16-pin connector
- T16s - 16-pin connector
- T52b - 52-pin connector



T52c - 52-pin connector



B170 - Positive connection 2 (30) (in interior wiring harness)



B454 - Shift lock connection (in main wiring harness)



B465 - Connection 1 (in main wiring harness)

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

* - Only for vehicles with DSG transmission

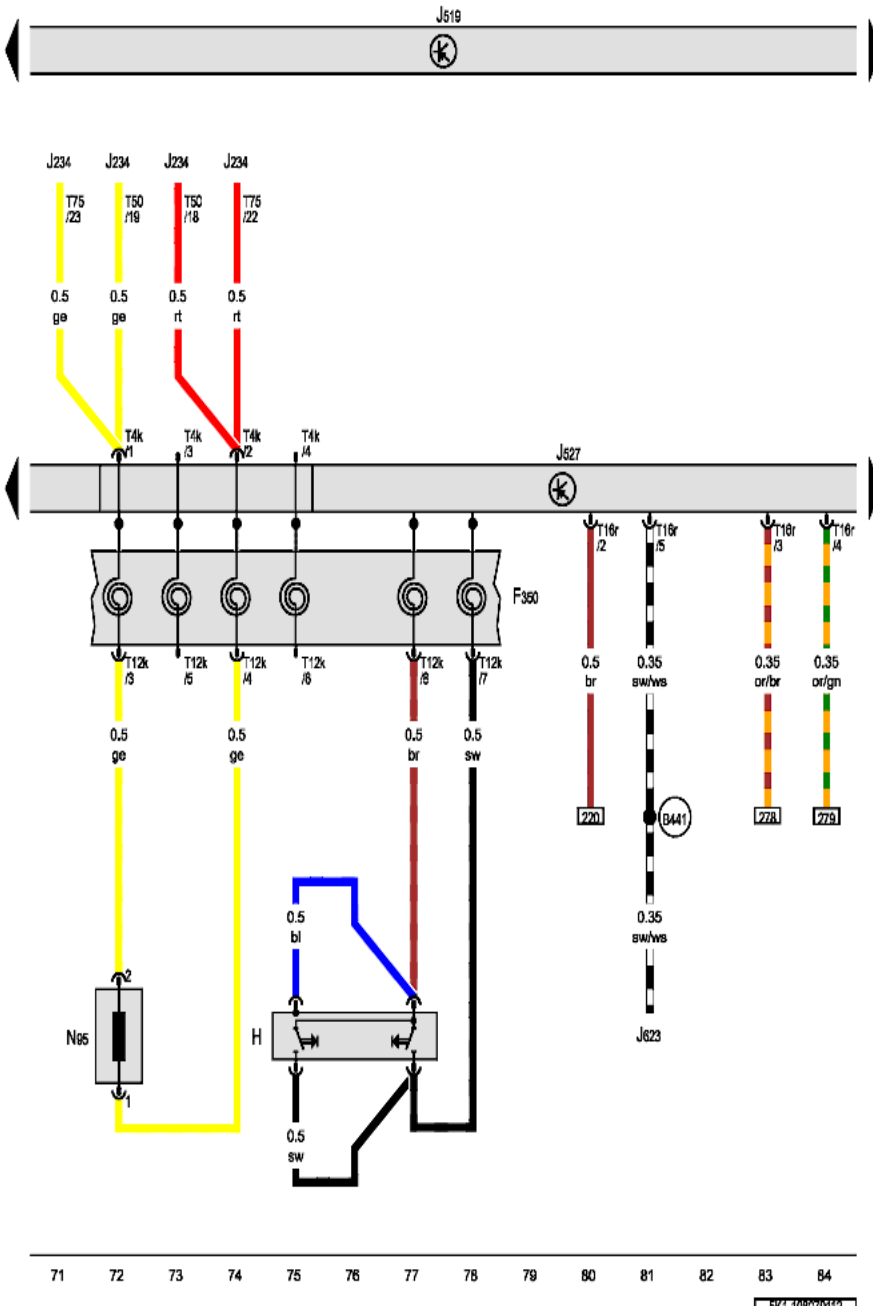
*2 - Only for vehicles without access/start authorization system

*3 - only for vehicles with access/start authorization system

Golf

Wiring Diagram

No. 108 / 7



- Signal horn activation, Steering column electronics control module, Driver airbag igniter**
- F350 - Spiral spring
 - H - Signal horn activation
 - J234 - Airbag control module
 - J519 - Vehicle electrical system control module
 - J527 - Steering column electronics control module
 - J623 - Engine control module
 - N95 - Driver airbag igniter
 - T4k - 4-pin connector
 - T10x - 10-pin connector
 - T12k - 12-pin connector
 - T16r - 16-pin connector
 - T50 - 50-pin connector
 - T75 - 75-pin connector
 - B441 - Cruise control connection (in main wiring harness)



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

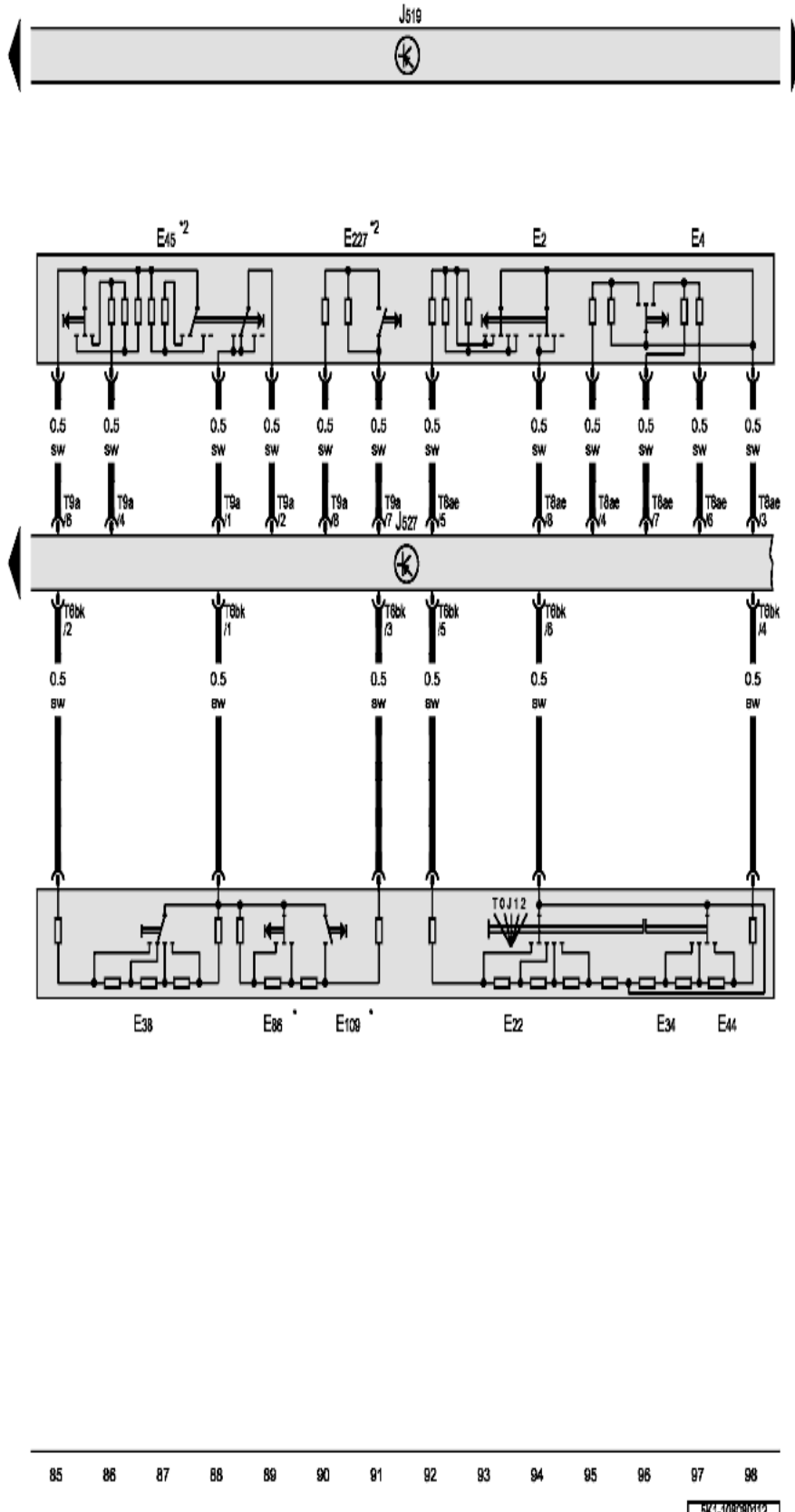
Golf



Wiring Diagram

No. 108 / 8

Turn signal switch, Headlamp dimmer/flasher switch, Windshield wiper intermittent mode switch, Rear window wiper switch, Windshield wiper intermittent regulator, Windshield and headlamp washer pump switch, Cruise control switch, Multifunction indicator selection switch, Multifunction indicator memory switch, Cruise control -SET- button, Steering column electronics control module

- E2 - Turn signal switch
- E4 - Headlamp dimmer/flasher switch
- E22 - Windshield wiper intermittent mode switch
- E34 - Rear window wiper switch
- E38 - Windshield wiper intermittent regulator
- E44 - Windshield and headlamp washer pump switch
- E45 - Cruise control switch
- E86 - Multifunction indicator selection switch
- E109 - Multifunction indicator memory switch
- E227 - Cruise control -SET- button




	J519	- Vehicle electrical system control module 
	J527	- Steering column electronics control module 
ws = white	T6bk	- 6-pin connector
sw = black	T8ae	- 8-pin connector
ro = red	T9a	- 9-pin connector
rt = red	*	- Only for vehicles with multifunction display
br = brown	*2	- Only for vehicles with cruise control
gn = green		
bl = blue		
gr = grey		
li = lilac		
vi = lilac		
ge = yellow		
or = orange		
rs = pink		

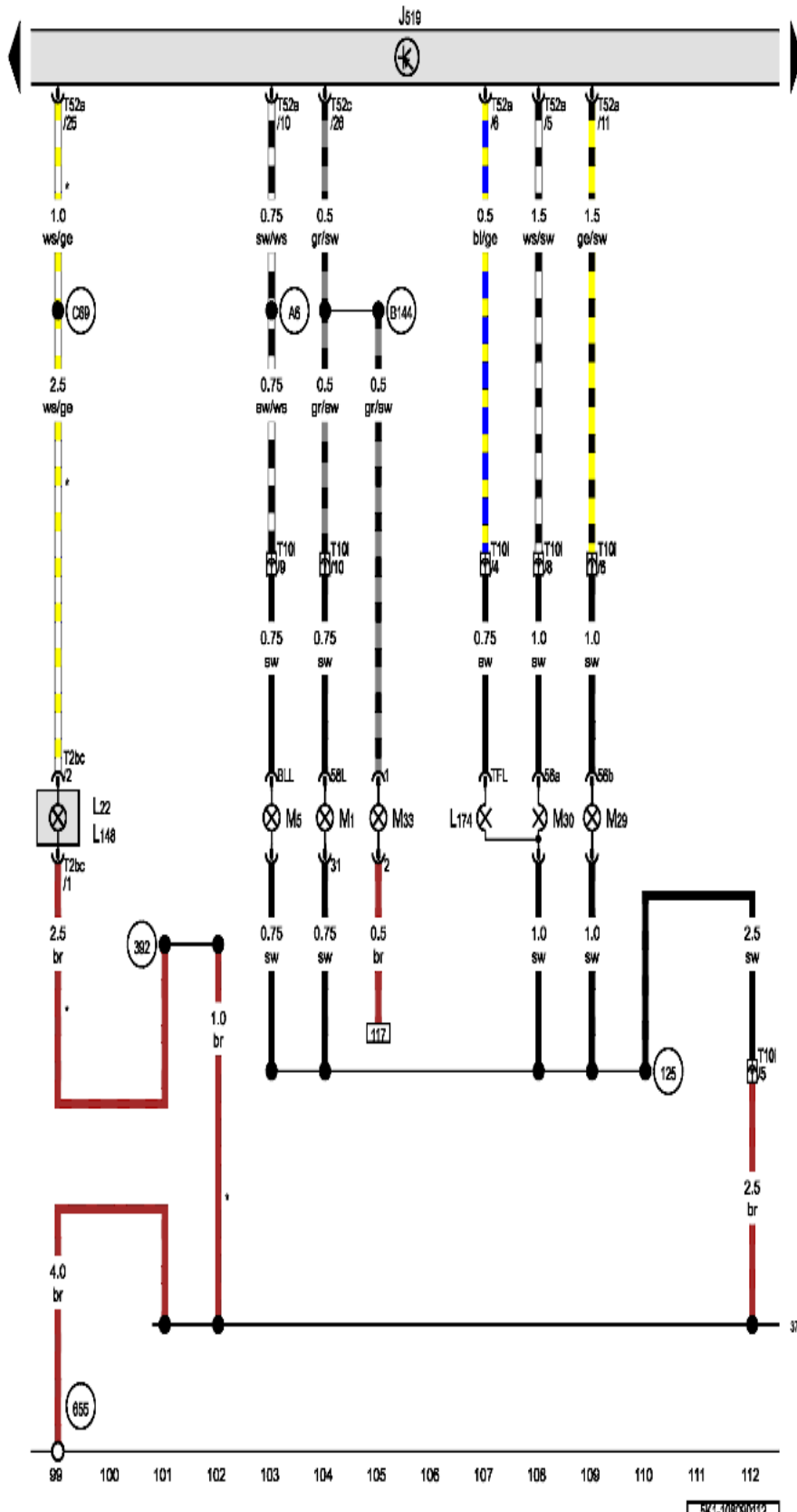
Golf

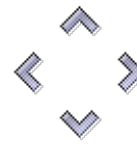
Wiring Diagram

No. 108 / 9

Left front fog lamp bulb, Left cornering lamp bulb, Left daytime running lamp bulb, Left side marker lamp bulb, Left front turn signal bulb, Left low beam headlamp bulb, Left high beam headlamp bulb, Left front side marker lamp bulb

- J519 - Vehicle electrical system control module 
- L22 - Left front fog lamp bulb
- L148 - Left cornering lamp bulb
- L174 - Left daytime running lamp bulb
- M1 - Left side marker lamp bulb
- M5 - Left front turn signal bulb
- M29 - Left low beam headlamp bulb
- M30 - Left high beam headlamp bulb
- M33 - Left front side marker lamp bulb
- T2bc - Double connector
- T10i - 10-pin connector, on the left headlamp
- T52a - 52-pin connector
- T52c - 52-pin connector
- 125 - Ground connection 3 (in headlamp wiring harness)






376 - Ground connection 11 (in main wiring harness)



392 - Ground connection 27 (in main wiring harness)



655 - Ground connection on left headlamp 

A6 - Left turn signal positive connection (in instrument panel wiring harness)

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

B144 - Positive connection (58L) (in interior wiring harness)

C69 - Fog lamp connection (in left front wiring harness)

* - Only for vehicles with fog lamps

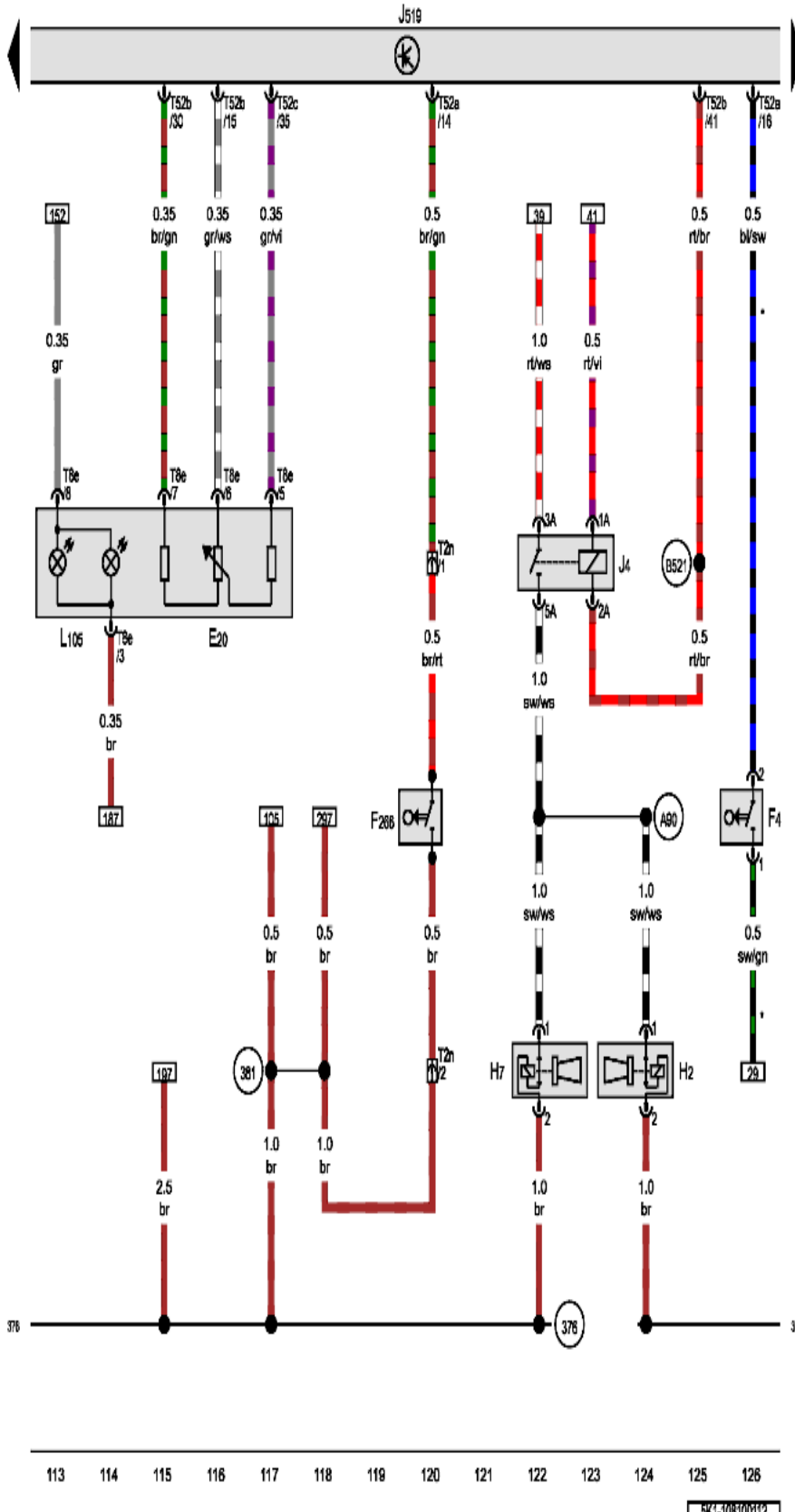
Golf

Wiring Diagram

No. 108 / 10

Instrument panel and switch illumination dimmer switch, Back-up lamp switch, Engine hood contact switch, High tone horn, Low tone horn, Dual tone horn relay

- E20 - Instrument panel and switch illumination dimmer switch
- F4 - Back-up lamp switch
- F266 - Engine hood contact switch
- H2 - High tone horn
- H7 - Low tone horn
- J4 - Dual tone horn relay
- J519 - Vehicle electrical system control module
- L105 - Lighting control illumination bulb
- T2n - Double connector, near the left headlamp
- T8e - 8-pin connector
- T52a - 52-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- 376 - Ground connection 11 (in main wiring harness)
- 378 - Ground connection





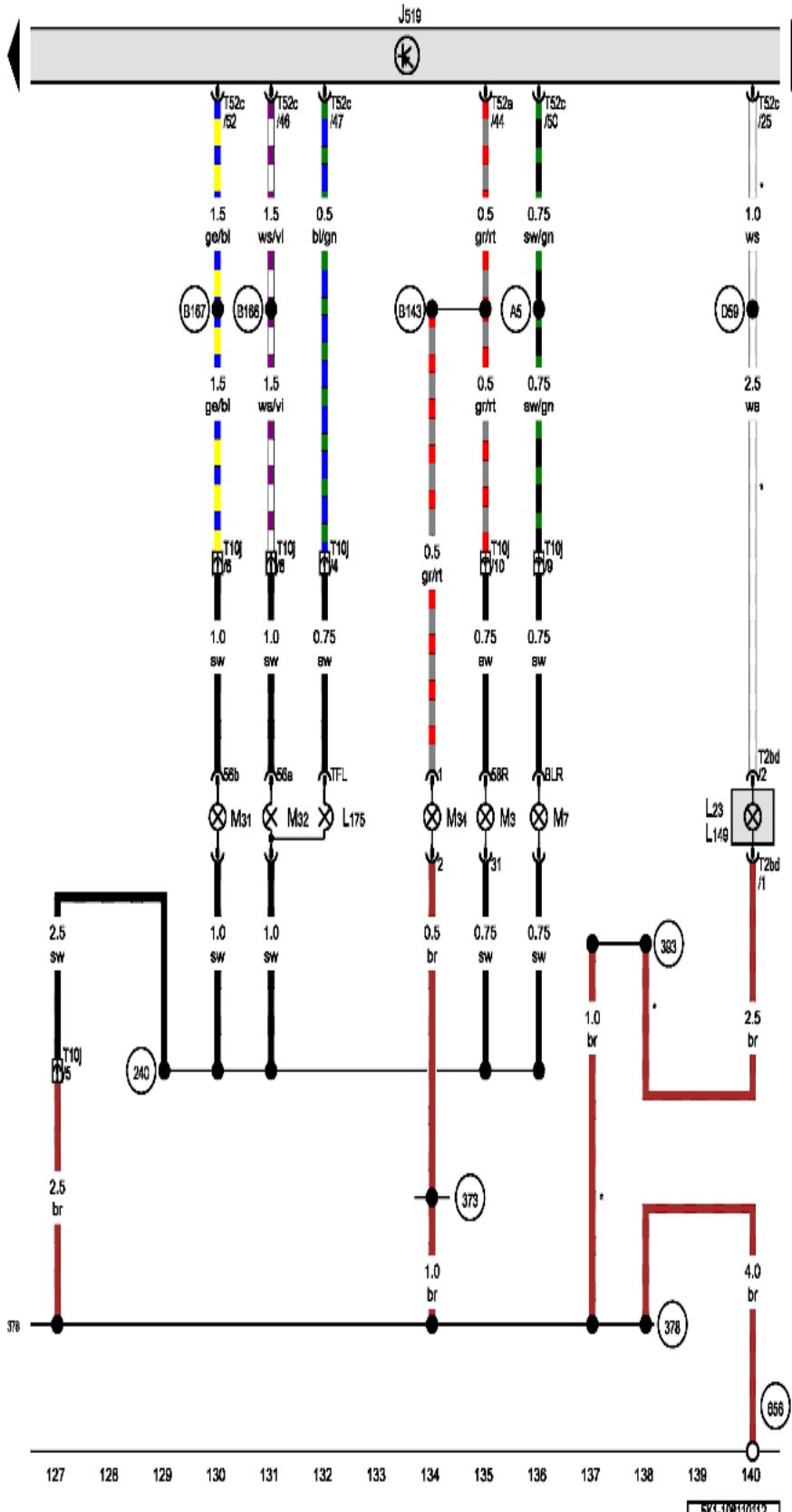
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

- 13 (in main wiring harness)
- 381 - Ground connection
- 16 (in main wiring harness)
- A90 - Dual tone horn connection (in instrument panel wiring harness)
- B521 - Dual tone horn connection (in main wiring harness)
- * - only for vehicles with dual clutch transmission

Golf


Wiring Diagram

No. 108 / 11



Right front fog lamp bulb, Right cornering lamp bulb, Right side marker lamp bulb, Right front turn signal bulb, Right low beam headlamp bulb, Right high beam headlamp bulb, Right front side marker lamp bulb

- J519 - Vehicle electrical system control module
- L23 - Right front fog lamp bulb
- L149 - Right cornering lamp bulb
- L175 - Right daytime running lamp bulb
- M3 - Right side marker lamp bulb
- M7 - Right front turn signal bulb
- M31 - Right low beam headlamp bulb
- M32 - Right high beam headlamp bulb
- M34 - Right front side marker lamp bulb
- T2bd - Double connector
- T10j - 10-pin connector, on the right headlamp
- T52a - 52-pin connector
- T52c - 52-pin connector
- 240 - Ground connection 4 (in headlamp)

- 373 - wiring harness)
- Ground connection 8 (in main wiring harness)
- 378 - Ground connection 13 (in main wiring harness)
- 393 - Ground connection 28 (in main wiring harness)
- 656 - Ground connection on right headlamp 
- A5 - Right turn signal positive connection (in instrument panel wiring harness)
- B143 - Positive connection (58R) (in interior wiring harness)
- B166 - Connection (56a) (in interior wiring harness)
- B167 - Connection (56b) (in interior wiring harness)
- D59 - Fog lamp connection (in engine compartment wiring harness)
- * - Only for vehicles with fog lamps

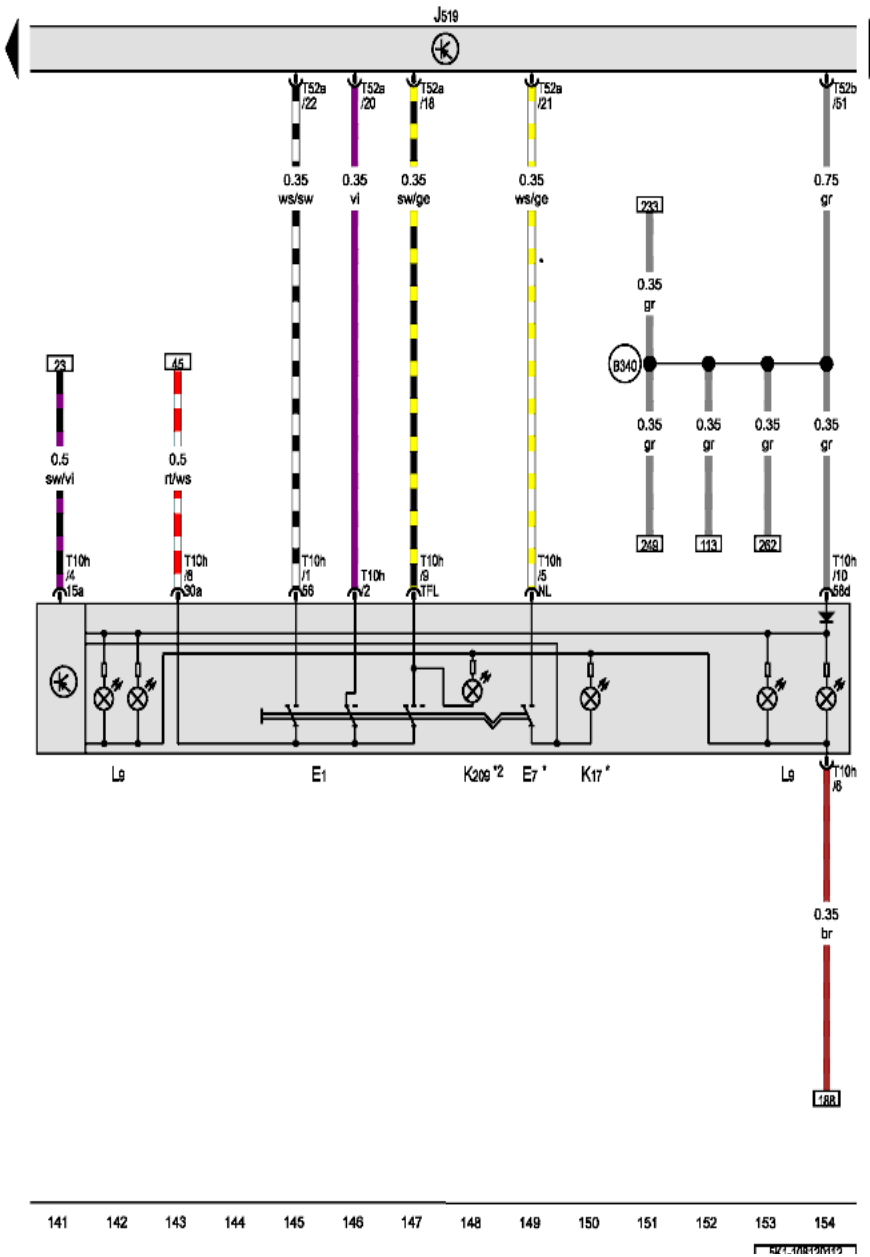


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 108 / 12



- Light switch, Fog lamp switch, Fog lamp indicator lamp, Automatic light control indicator lamp**
- E1 - Light switch
 - E7 - Fog lamp switch
 - J519 - Vehicle electrical system control module
 - K17 - Fog lamp indicator lamp
 - K209 - Automatic light control indicator lamp
 - L9 - Headlamp switch illumination bulb
 - T10h - 10-pin connector
 - T52a - 52-pin connector
 - T52b - 52-pin connector
 - B340 - Connection 1 (58d) (in main wiring harness)
 - * - Only for vehicles with fog lamps
 - *2 - Only for vehicles with automatic headlamp assist
- ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

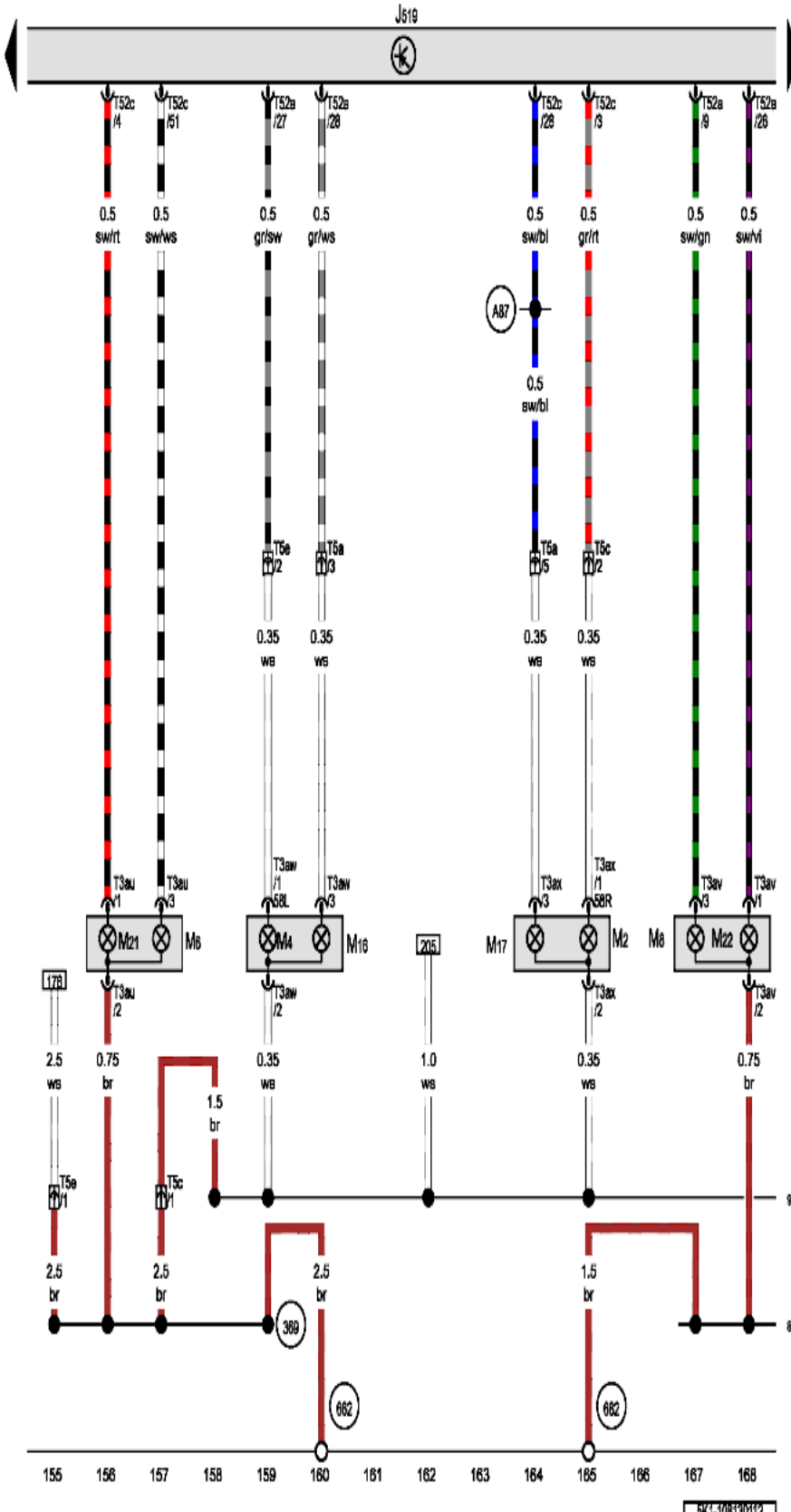
Golf









Wiring Diagram

No. 108 / 13

Right tail lamp bulb,
 Left tail lamp bulb,
 Left rear turn signal bulb, Right rear turn signal bulb, Left back-up lamp bulb, Right back-up lamp bulb, Left brake/tail lamp bulb, Right brake/tail lamp bulb

- J519 - Vehicle electrical system control module
- M2 - Right tail lamp bulb
- M4 - Left tail lamp bulb
- M6 - Left rear turn signal bulb
- M8 - Right rear turn signal bulb
- M16 - Left back-up lamp bulb
- M17 - Right back-up lamp bulb
- M21 - Left brake/tail lamp bulb
- M22 - Right brake/tail lamp bulb
- T3au - 3-pin connector
- T3av - 3-pin connector
- T3aw - 3-pin connector
- T3ax - 3-pin connector
- T5a - 5-pin connector, in the left rear side panel
- T5c - 5-pin connector, in the left rear side panel
- T5e - 5-pin connector, in the left rear side panel



		panel 
	T52a	- 52-pin connector
	T52c	- 52-pin connector
	86	- Ground connection 1 (in rear wiring harness)
	98	- Ground connection (in rear lid wiring harness)
	369	- Ground connection 4 (in main wiring harness)
	662	- Ground connection in left rear side panel 
	682	- Ground connection 2 in right rear side panel 
	A87	- Back-up lamp connection (in instrument panel wiring harness)

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

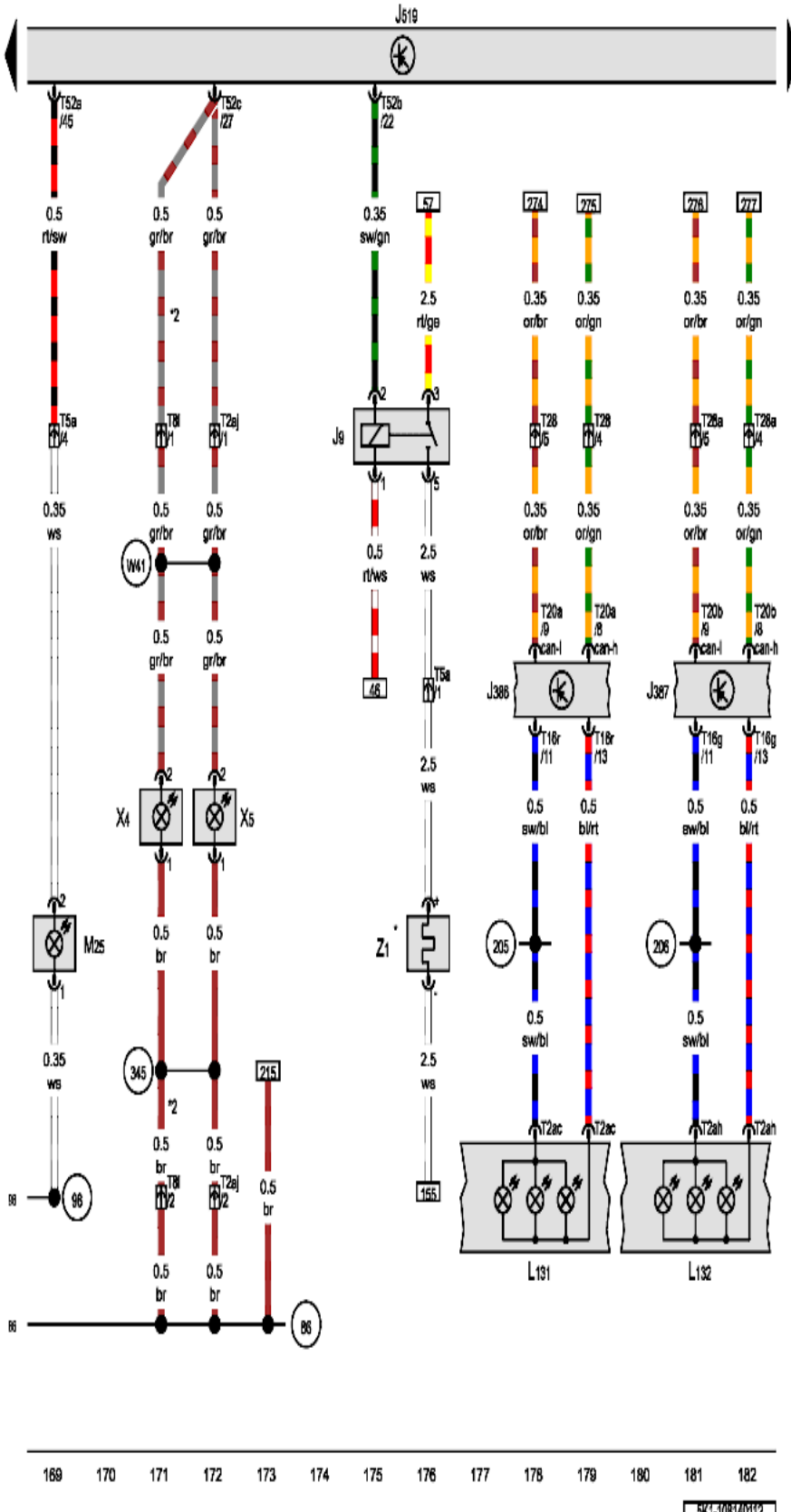
Golf





Wiring Diagram

No. 108 / 14

Rear window defogger relay, Driver exterior rearview mirror turn signal bulb, Front passenger exterior rearview mirror turn signal bulb, High-mounted brake lamp bulb, Left license plate lamp, Right license plate lamp, Rear window defogger

- J9 - Rear window defogger relay
- J386- Driver door control module
- J387- Front passenger door control module
- J519 - Vehicle electrical system control module
- L131 - Driver exterior rearview mirror turn signal bulb
- L132 - Front passenger exterior rearview mirror turn signal bulb
- M25 - High-mounted brake lamp bulb
- T2ac - Double connector
- T2ah - Double connector
- T2aj - Double connector, under the right rear bumper
- T5a - 5-pin connector, in the left rear side panel



- panel 
- T8l - 8-pin connector 
- T16g - 16-pin connector
- T16r - 16-pin connector
- T20a - 20-pin connector
- T20b - 20-pin connector
- T28 - 28-pin connector, in the left A-pillar connector station 
- T28a - 28-pin connector, in the connector station, right A-pillar 
- T52a - 52-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- X4 - Left license plate lamp
- X5 - Right license plate lamp
- Z1 - Rear window defogger
- 86 - Ground connection 1 (in rear wiring harness)
- 98 - Ground connection (in rear lid wiring harness)
- 205 - Ground connection (in driver door wiring harness)
- 206 - Ground connection (in front passenger door wiring harness)
- 345 - Ground connection (in bumper



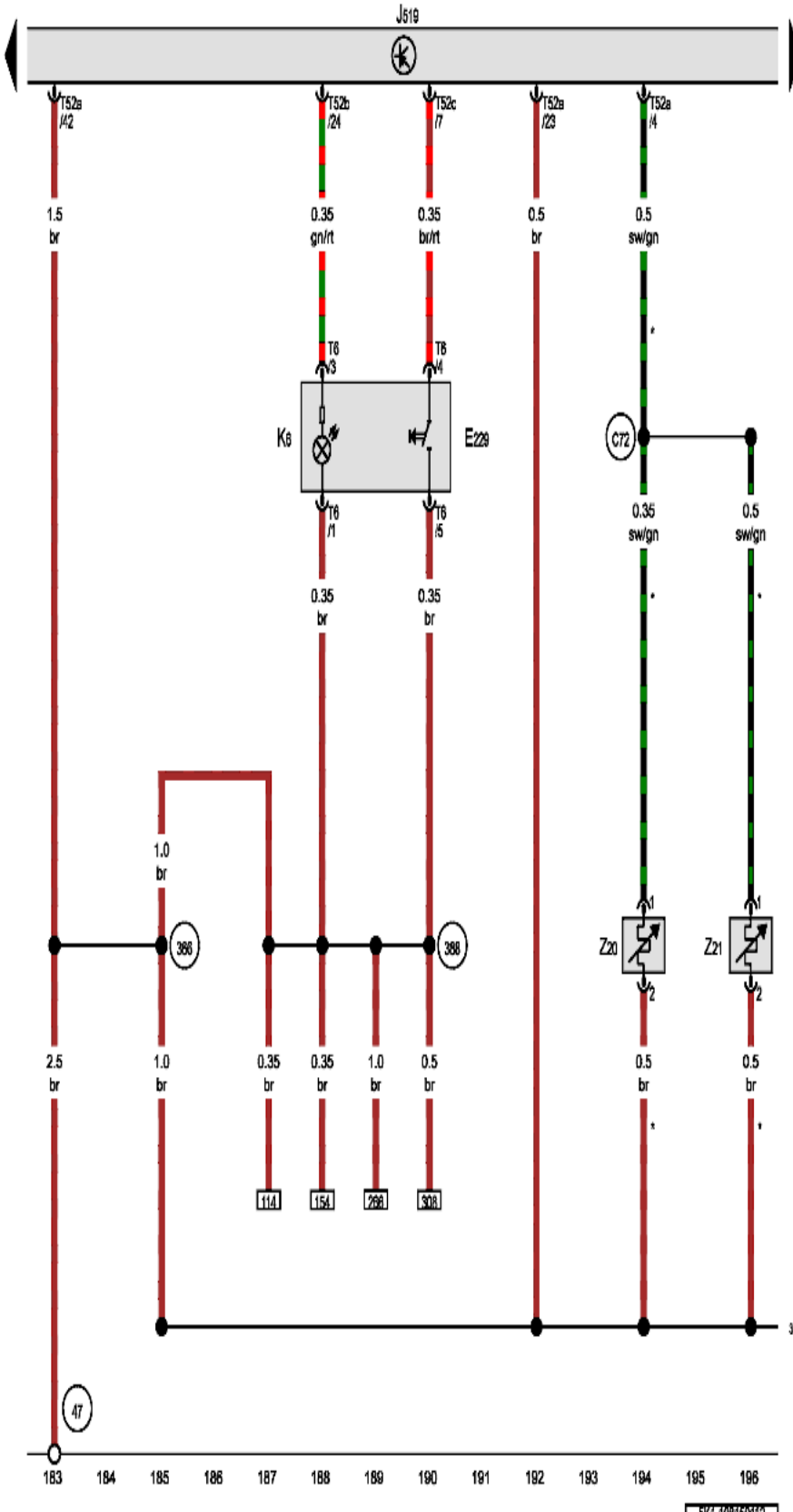
		wiring harness)
		- Positive connection (58) (in license plate lamp wiring harness)
	W41	
ws = white		
sw = black		
ro = red		
rt = red		
br = brown	*	- Refer to applicable wiring diagram for radio/radio navigation system
gn = green		
bl = blue		
gr = grey		
li = lilac		
vi = lilac		
ge = yellow		
or = orange		
rs = pink		
	*2	- Only for vehicles with park distance control (PDC)

Golf

Wiring Diagram

No. 108 / 15

Emergency flasher button, Left washer nozzle heater, Right washer nozzle heater



- E229 - Emergency flasher button
- J519 - Vehicle electrical system control module
- K6 - Emergency flasher indicator lamp
- T6 - 6-pin connector
- T52a - 52-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- Z20 - Left washer nozzle heater
- Z21 - Right washer nozzle heater
- 47 - Ground connection in right front footwell
- 366 - Ground connection 1 (in main wiring harness)
- 387 - Ground connection 22 (in main wiring harness)
- 388 - Ground connection 23 (in main wiring harness)
- C72 - Positive connection (in heated spray nozzle wiring harness)
- * - Only for vehicles with



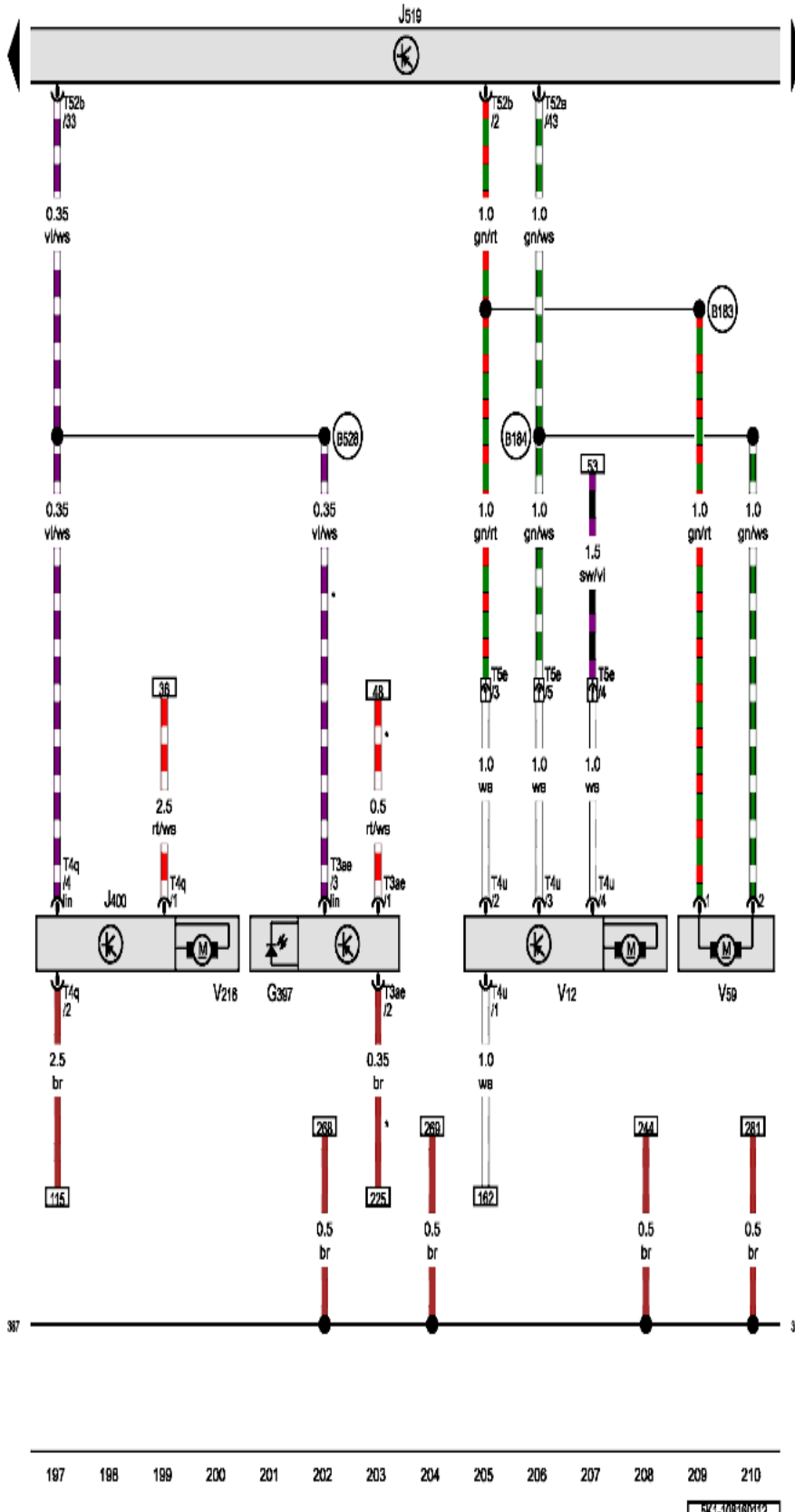
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

heated spray
nozzles

Golf

Wiring Diagram

No. 108 / 16



Rain/light recognition sensor, Wiper motor control module, Rear window wiper motor, Windshield and rear window washer pump, Driver windshield wiper motor

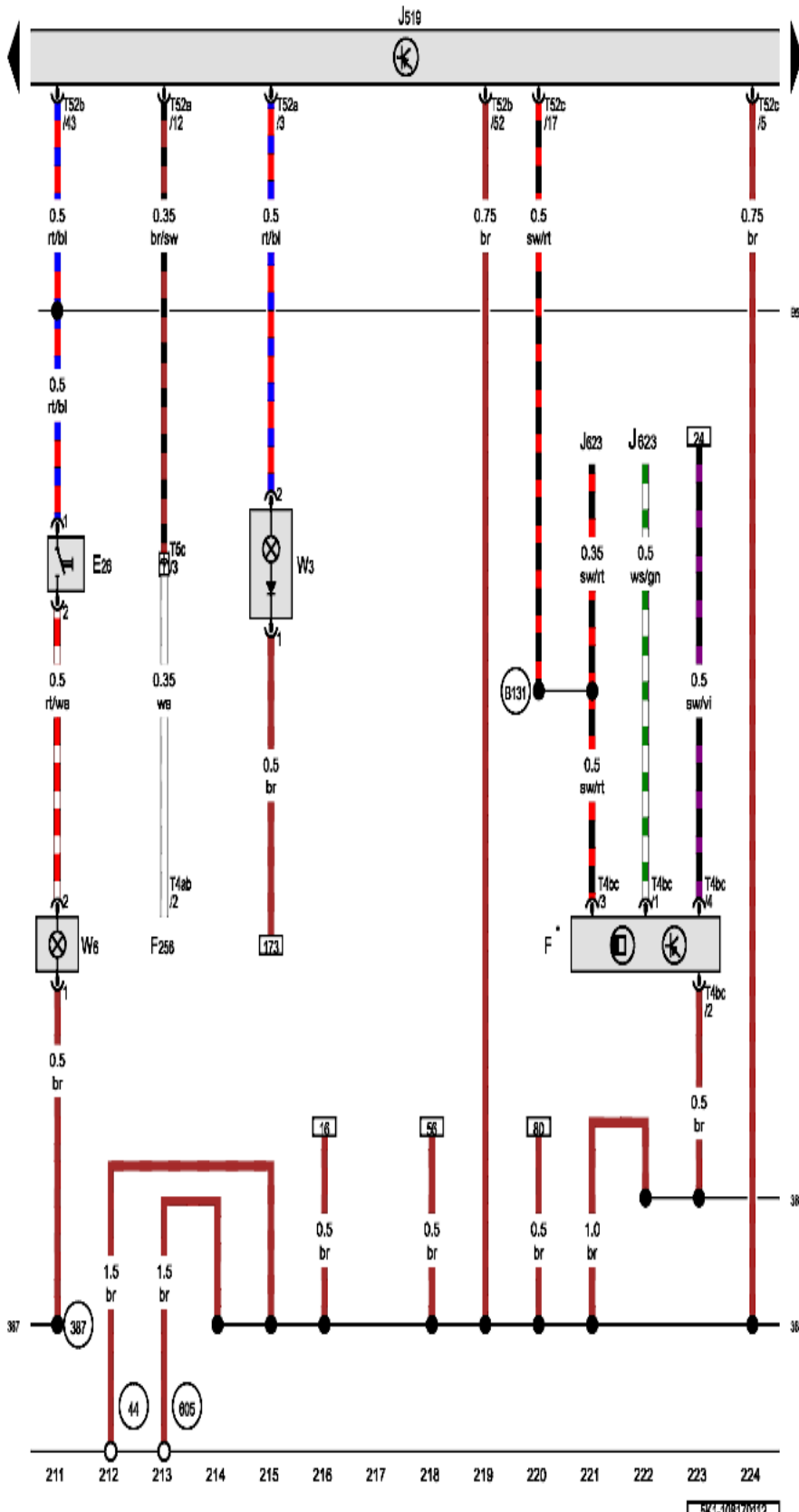
- G397 - Rain/light recognition sensor
- J400 - Wiper motor control module
- J519 - Vehicle electrical system control module
- T3ae - 3-pin connector
- T4q - 4-pin connector
- T4u - 4-pin connector
- T5e - 5-pin connector, in the left rear side panel
- T52a - 52-pin connector
- T52b - 52-pin connector
- V12 - Rear window wiper motor
- V59 - Windshield and rear window washer pump
- V216 - Driver windshield wiper motor
- 387 - Ground connection 22 (in main wiring harness)
- B183 - Windshield washer pump connection 1 (in interior wiring harness)

ws = white	B184	- Windshield
sw = black		washer pump
ro = red		connection 2
rt = red		(in interior
br = brown		wiring
gn = green		harness)
bl = blue	B528	- LIN bus
gr = grey		connection 1
li = lilac		(in main
vi = lilac		wiring
ge = yellow		harness)
or = orange	*	- Only for
rs = pink		vehicles with
		rain/light
		recognition
		sensor

Golf

Wiring Diagram


No. 108 / 17



Glove compartment lamp switch, Brake lamp switch, Luggage compartment lamp, Glove compartment lamp

- E26 - Glove compartment lamp switch
- F - Brake lamp switch
- F256 - Rear lid lock unit
- J519 - Vehicle electrical system control module
- J623 - Engine control module
- T4ab - 4-pin connector
- T4bc - 4-pin connector
- T5c - 5-pin connector, in the left rear side panel
- T52a - 52-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- W3 - Luggage compartment lamp
- W6 - Glove compartment lamp
- 44 - Ground connection on A-pillar, lower left
- 367 - Ground connection 2 (in main wiring harness)
- 387 - Ground connection 22 (in main



- wiring harness)
- 389 - Ground connection 24 (in main wiring harness)
- 605 - Ground connection on upper steering column 
- B131 - Connection (54) (in interior wiring harness)
- B559 - Positive connection 1 (30g) (in main wiring harness)
- * - Refer to applicable engine wiring diagram

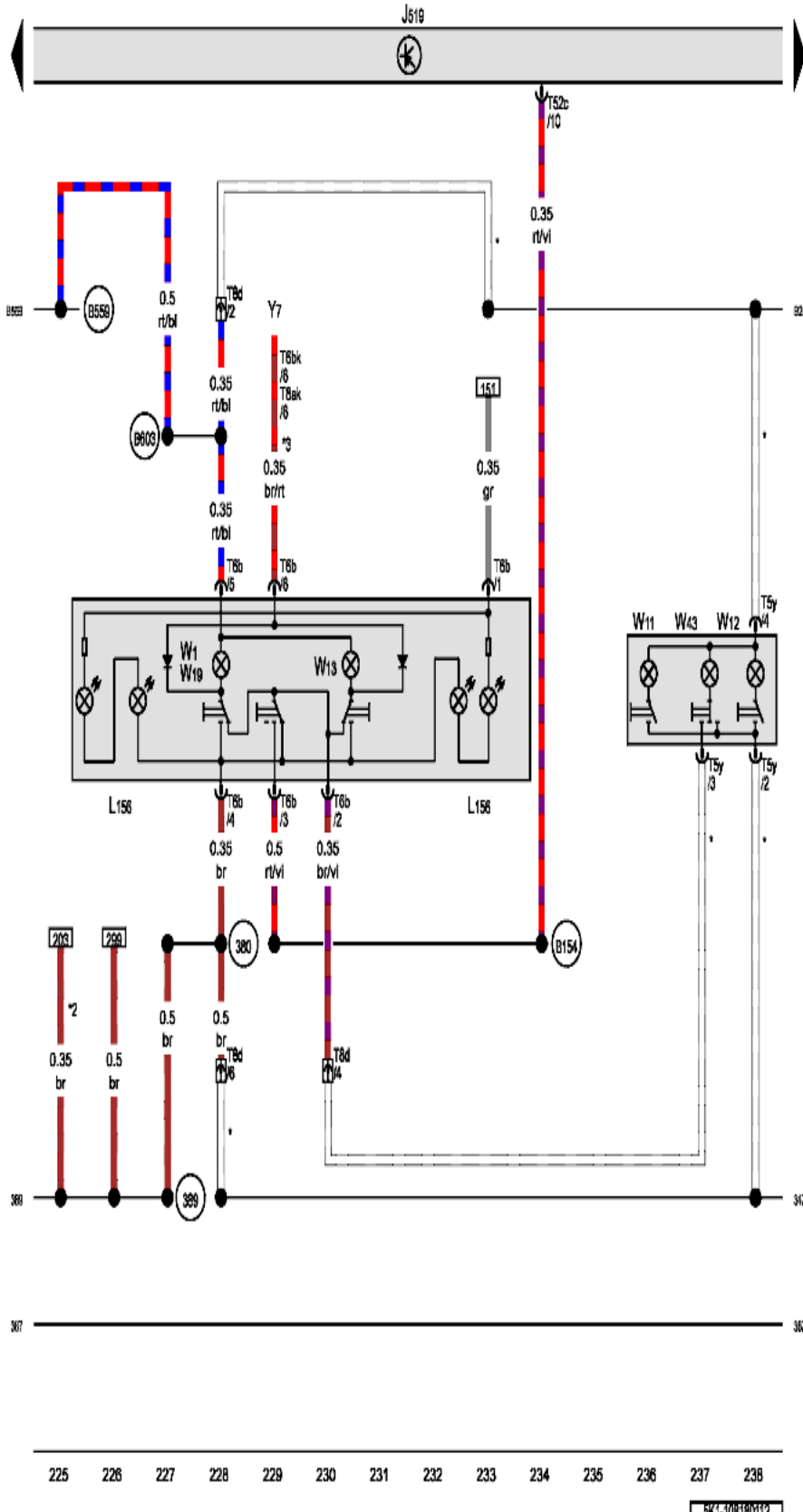
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 108 / 18

Front interior lamp,
Left rear reading
lamp, Right rear
reading lamp, Front
passenger reading
lamp, Driver reading
lamp, Rear interior
lamp



- J519 - Vehicle electrical system control module
- L156 - Switch illumination bulb
- T5y - 5-pin connector
- T6b - 6-pin connector
- T6bk - 6-pin connector
- T8d - 8-pin connector, near the front interior lamp
- T52c - 52-pin connector
- W1 - Front interior lamp
- W11 - Left rear reading lamp
- W12 - Right rear reading lamp
- W13 - Front passenger reading lamp
- W19 - Driver reading lamp
- W43 - Rear interior lamp
- Y7 - Automatic dimming interior rearview mirror
- 347 - Ground connection (in roof wiring harness)
- 367 - Ground connection 2 (in main wiring harness)

- 380 - Ground connection 15 (in main wiring harness)
- 389 - Ground connection 24 (in main wiring harness)
- B154 - Connection 1 (TK) (in interior wiring harness)
- B250 - Positive connection (in roof wiring harness)
- B559 - Positive connection 1 (30g) (in main wiring harness)
- B603 - Positive connection 2 (30g) (in main wiring harness)
- * - Flat conductor
- *2 - Only for vehicles with rain/light recognition sensor
- *3 - Only for vehicles with automatic dimming interior rearview mirror

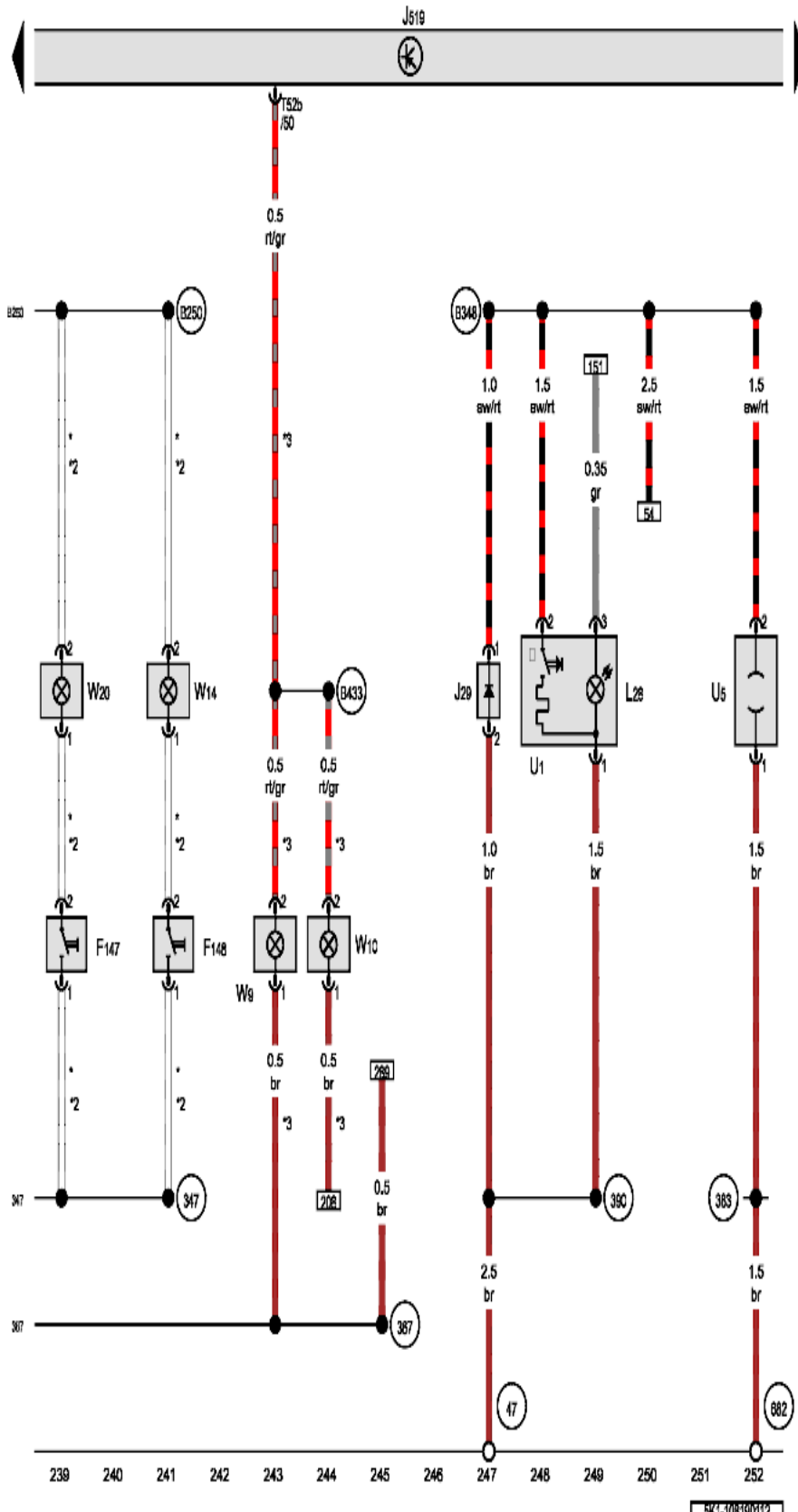


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf


Wiring Diagram

No. 108 / 19



Driver vanity mirror lamp contact switch, Front passenger vanity mirror lamp contact switch, Blocking diode, Cigarette lighter illumination bulb, Cigarette lighter, 12 V socket, Left footwell lamp, Right footwell lamp, Front passenger vanity mirror lamp, Driver vanity mirror lamp

- F147 - Driver vanity mirror lamp contact switch
- F148 - Front passenger vanity mirror lamp contact switch
- J29 - Blocking diode
- J519 - Vehicle electrical system control module
- L28 - Cigarette lighter illumination bulb
- T52b - 52-pin connector
- U1 - Cigarette lighter
- U5 - 12 V socket
- W9 - Left footwell lamp
- W10 - Right footwell lamp
- W14 - Front passenger vanity mirror lamp
- W20 - Driver vanity mirror lamp
- 47 - Ground connection in right front footwell
- 347 - Ground connection (in roof)

- 367 - wiring harness)
- Ground connection 2 (in main wiring harness)
- 383 - Ground connection 18 (in main wiring harness)
- 390 - Ground connection 25 (in main wiring harness)
- 682 - Ground connection 2 in right rear side panel 
- B250 - Positive connection (in roof wiring harness)
- B348 - Connection 1 (75a) (in main wiring harness)
- B433 - Footwell illumination connection (in main wiring harness)
- * - Only for vehicles with illuminated vanity mirror
- *2 - Flat conductor
- *3 - Only for vehicles with footwell lamp



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

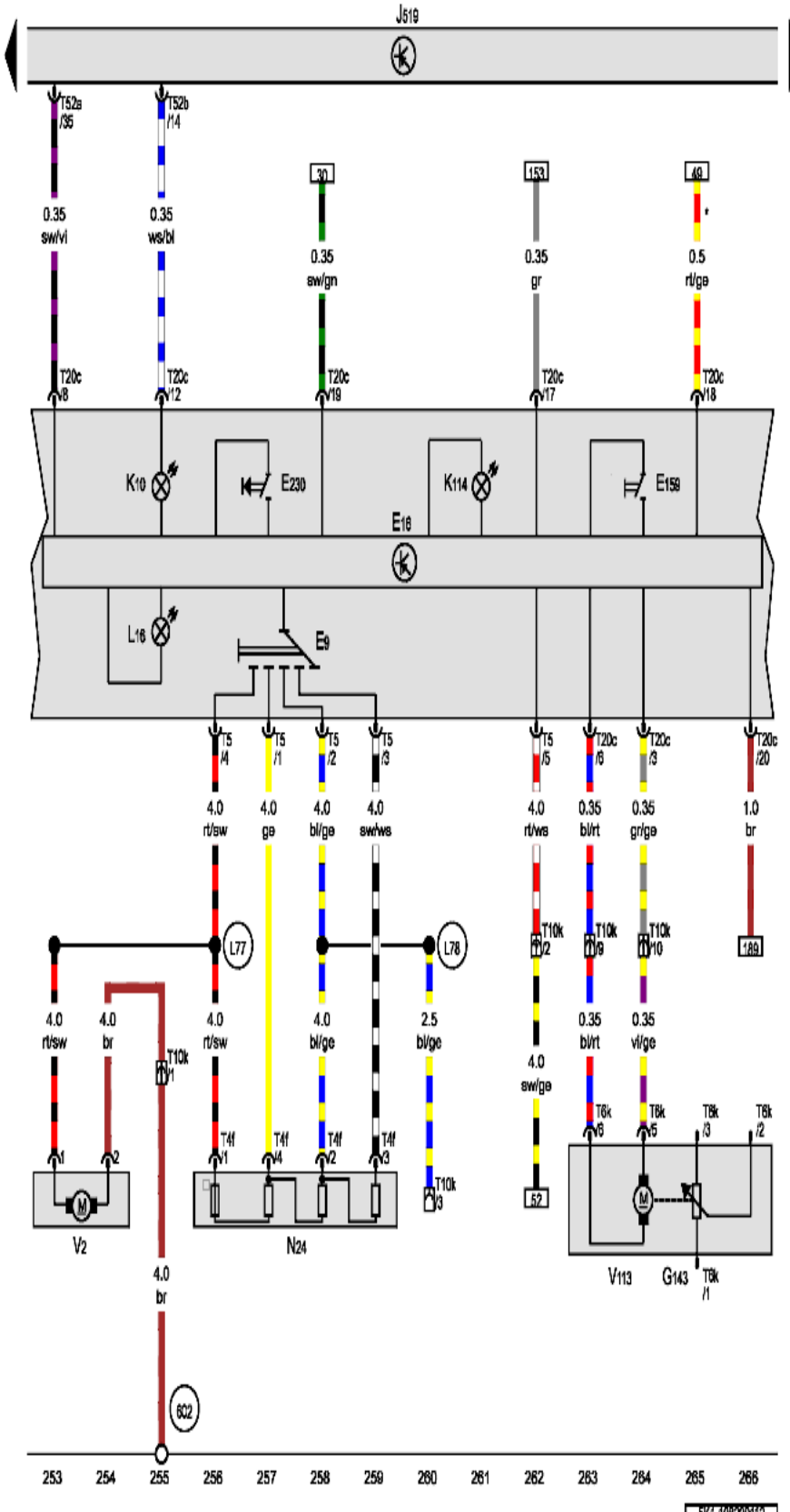
Golf

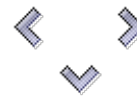
Wiring Diagram

No. 108 / 20

Fresh air blower switch, Heater/heat output switch, Fresh air blower series resistor with fuse, Fresh air blower, Recirculation door motor

- E9 - Fresh air blower switch
- E16 - Heater/heat output switch, in the engine compartment, right
- E159 - Fresh air/recirculation door switch
- E230 - Rear window defogger button
- G143 - Recirculation door motor position sensor
- J519 - Vehicle electrical system control module
- K10 - Rear window defogger indicator lamp
- K114 - Fresh air and recirculation mode indicator lamp
- L16 - Fresh air control illumination bulb
- N24 - Fresh air blower series resistor with fuse
- T4f - 4-pin connector
- T5 - 5-pin connector
- T6k - 6-pin connector
- T10k - 10-pin connector





connector,
behind the
instrument
panel,
right



T20c - 20-pin
connector



T52a - 52-pin
connector



T52b - 52-pin
connector

V2 - Fresh air
blower

V113 - Recirculation
door
motor

602 - Ground
connection in
left front
footwell

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

L77 - Connection
(in fresh air
blower wiring
harness)

L78 - Connection 1
(in fresh air
blower wiring
harness)

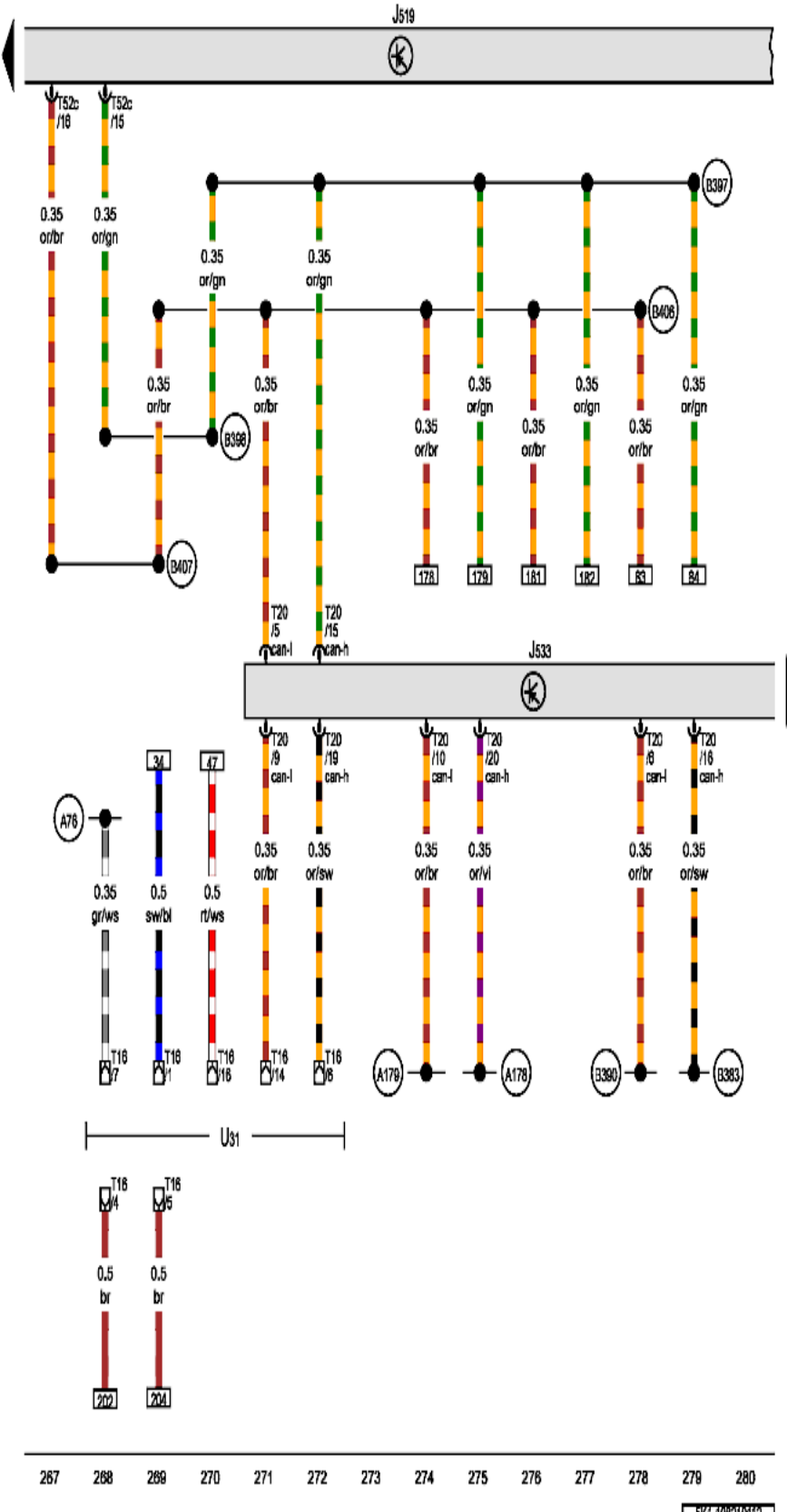
* - Only for
vehicles with
auxiliary
water heater

Golf

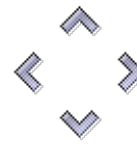
Wiring Diagram

No. 108 / 21

Data bus on board diagnostic interface, Diagnostic connection



- J519 - Vehicle electrical system control module
- J533 - Data bus on board diagnostic interface, in the left footwell, near the center console
- T16 - 16-pin connector, under the instrument panel, left
- T20 - 20-pin connector
- T52c - 52-pin connector
- U31 - Diagnostic connection
- A76 - KS-diagnostic lead connection (in instrument panel wiring harness)
- A178 - Infotainment CAN bus high connection (in instrument panel wiring harness)
- A179 - Infotainment CAN bus low connection (in instrument panel wiring harness)
- B383 - Powertrain CAN bus high connection 1 (in main wiring)



B390 - Powertrain
CAN bus low
connection 1
(in main
wiring
harness)



B397 - Comfort
system CAN
bus high
connection 1
(in main
wiring
harness)

B398 - Comfort
system CAN
bus high
connection 2
(in main
wiring
harness)

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

B406 - Comfort
system CAN
bus low
connection 1
(in main
wiring
harness)



B407 - Comfort
system CAN
bus low
connection 2
(in main
wiring
harness)

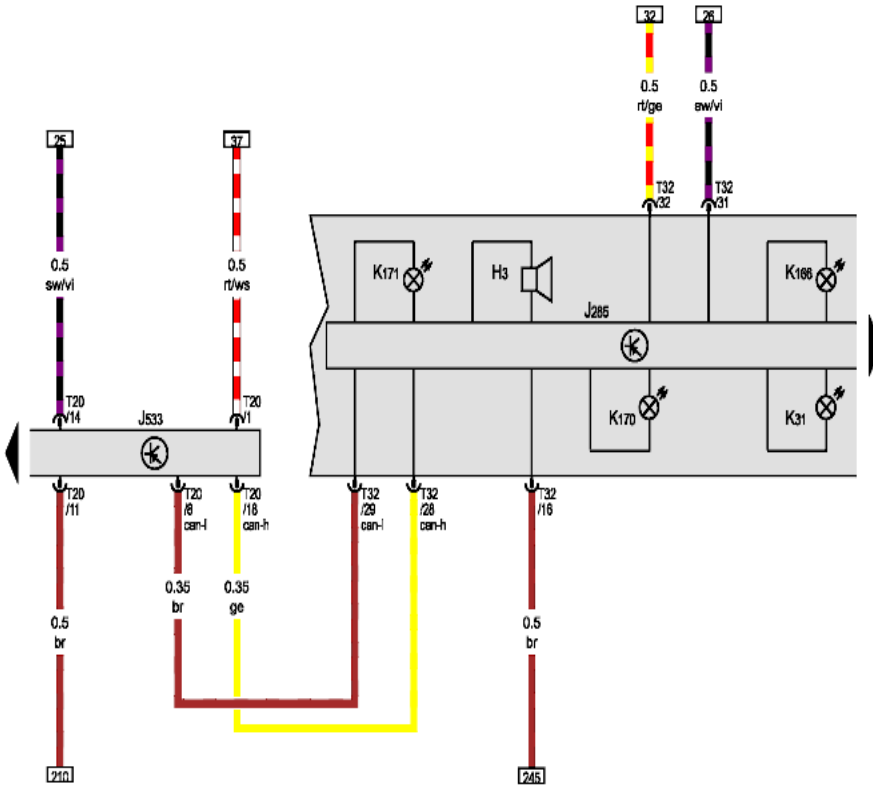
Golf

Wiring Diagram

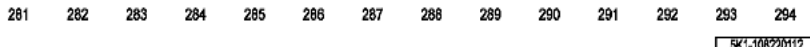
No. 108 / 22

Warning buzzer and tone, Instrument cluster control module, Data bus on board diagnostic interface, Cruise control indicator lamp, Door ajar indicator lamp, Lamp failure indicator lamp, Hood -open-indicator lamp

- H3 - Warning buzzer and tone
- J285 - Instrument cluster control module 
- J533 - Data bus on board diagnostic interface, in the left footwell, near the center console 
- K31 - Cruise control indicator lamp
- K166 - Door ajar indicator lamp
- K170 - Lamp failure indicator lamp
- K171 - Hood -open-indicator lamp
- T20 - 20-pin connector
- T32 - 32-pin connector



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink



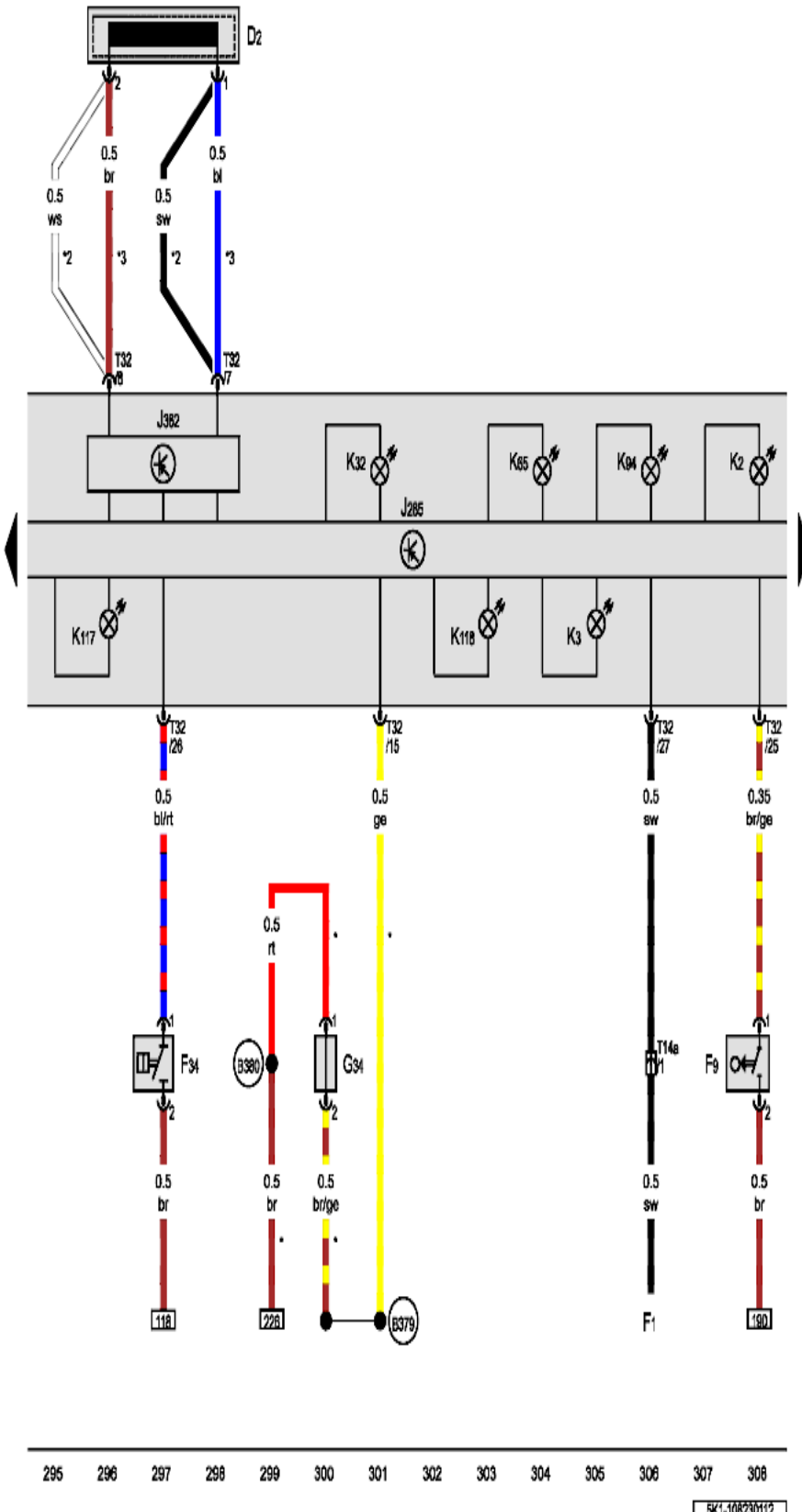
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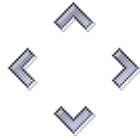




Wiring Diagram

No. 108 / 23

Anti-theft immobilizer reader coil, Parking brake indicator lamp switch, Brake fluid level warning switch, Left front brake pad wear sensor, Instrument cluster control module, Anti-theft immobilizer indicator lamp

- D2 - Anti-theft immobilizer reader coil
- F1 - Oil pressure switch
- F9 - Parking brake indicator lamp switch
- F34 - Brake fluid level warning switch
- G34 - Left front brake pad wear sensor
- J285 - Instrument cluster control module
- J362 - Anti-theft immobilizer control module
- K2 - Generator indicator lamp
- K3 - Oil pressure indicator lamp
- K32 - Brake pad wear indicator lamp
- K65 - Indicator lamp for left turn signal
- K94 - Right turn signal indicator lamp
- K117 - Anti-theft immobilizer indicator lamp
- K118 - Brake



		system indicator lamp
	T14a	- 14-pin connector, near the battery 
	T32	- 32-pin connector
	B379	- Brake wear indicator connection 1 (in main wiring harness)
		- Brake wear indicator connection 2 (in main wiring harness)
		- Only for vehicles with brake pad wear indicator
	*	- Only for vehicles with brake pad wear indicator
	*2	- only for vehicles with access/start authorization system
	*3	- Only for vehicles without access/start authorization system

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

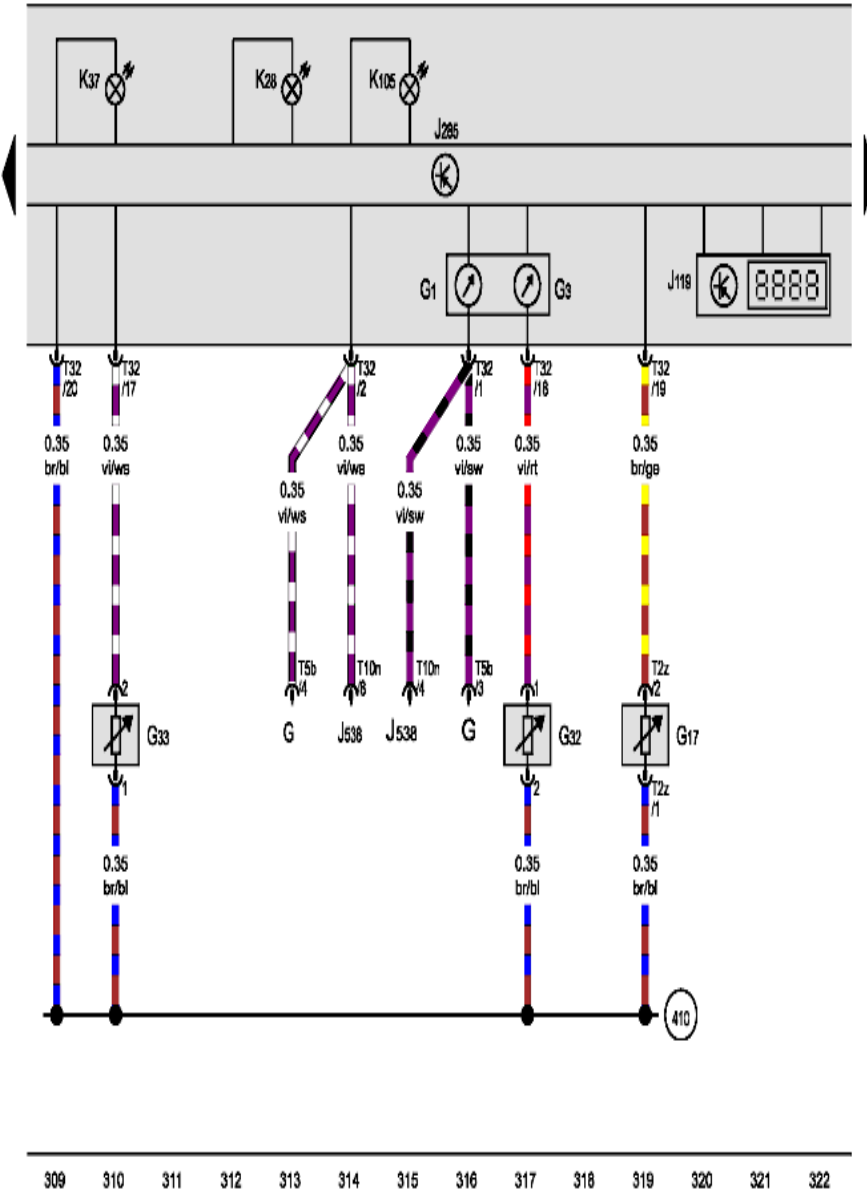
Golf

Wiring Diagram

No. 108 / 24

Fuel gauge, Engine coolant temperature gauge, Outside air temperature sensor, Engine coolant level sensor, Windshield washer fluid level sensor, Multifunction indicator, Instrument cluster control module

- G - Fuel level sensor
- G1 - Fuel gauge
- G3 - Engine coolant temperature gauge
- G17 - Outside air temperature sensor
- G32 - Engine coolant level sensor
- G33 - Windshield washer fluid level sensor
- J119 - Multifunction indicator
- J285 - Instrument cluster control module
- J538 - Fuel pump control module
- K28 - Engine coolant level/temperature indicator lamp
- K37 - Windshield washer fluid level indicator lamp
- K105 - Low fuel level indicator lamp
- T2z - Double connector
- T5b - 5-pin connector
- T10n - 10-pin connector
- T32 - 32-pin connector
- 410 - Sensor ground



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

connection 1
(in main
wiring
harness)

Golf

Wiring Diagram

No. 108 / 25

Tachometer,
Speedometer,
Instrument cluster
control module, High
beam indicator lamp,
Parking lamp
indicator lamp, Rear
fog lamp indicator
lamp, Engine
electronics indicator
lamp, Odometer
display

G5 - Tachometer
G21 - Speedometer

J245- Power sunroof
control
module

J285 - Instrument
cluster
control
module

K1 - High beam
indicator
lamp

K4 - Parking lamp
indicator
lamp

K13 - Rear fog
lamp
indicator
lamp

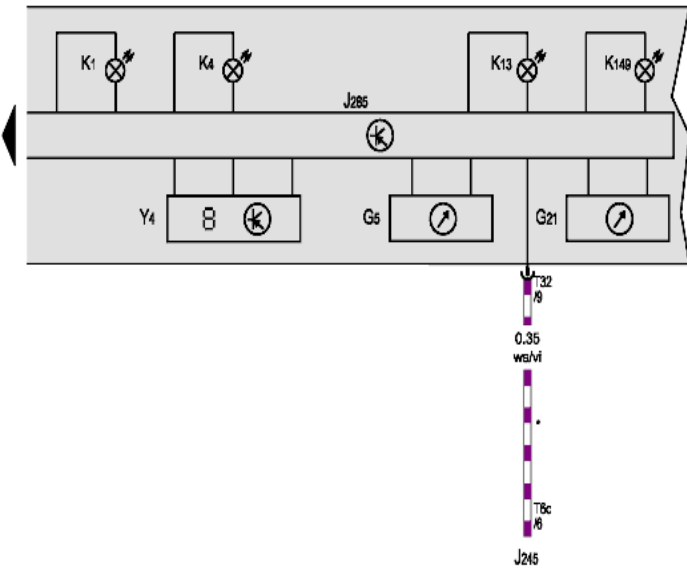
K149 - Engine
electronics
indicator
lamp

T6c - 6-pin
connector

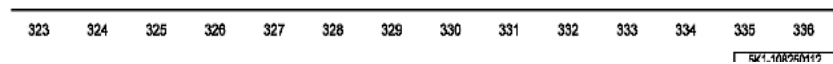
T32 - 32-pin
connector

Y4 - Odometer
display

* - Speed signal



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink



Golf

Wiring Diagram

No. 121 / 1

12.2011

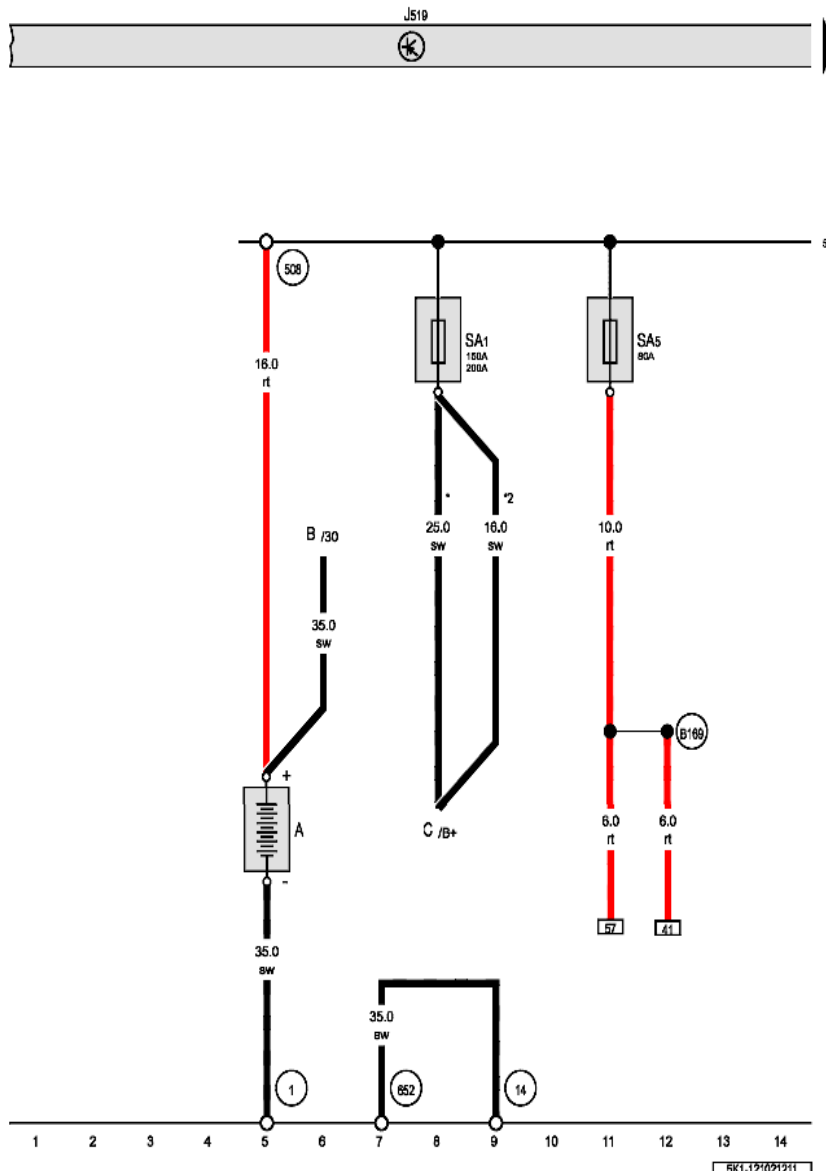
Standard equipment (Canada, Mexico, USA)

from November 2011

Golf

Wiring Diagram

No. 121 / 2



- Battery, Fuse 1 (on fuse panel A), Fuse 5 (on fuse panel A)**
- A - Battery
- B - Starter
- C - Generator
- J519 - Vehicle electrical system control module
- SA1 - Fuse 1 (on fuse panel A)
- SA5 - Fuse 5 (on fuse panel A)
- 1 - Ground strap, battery to body
- 14 - Ground connection on transmission
- 508 - Terminal 30 threaded connection (on E-box)
- 652 - Transmission/engine ground connection
- B169 - Positive connection 1 (30) (in interior wiring harness)
- * - Only for vehicles with a generator (140 A)
- *2 - Only for vehicles with 90 A/120 A generator

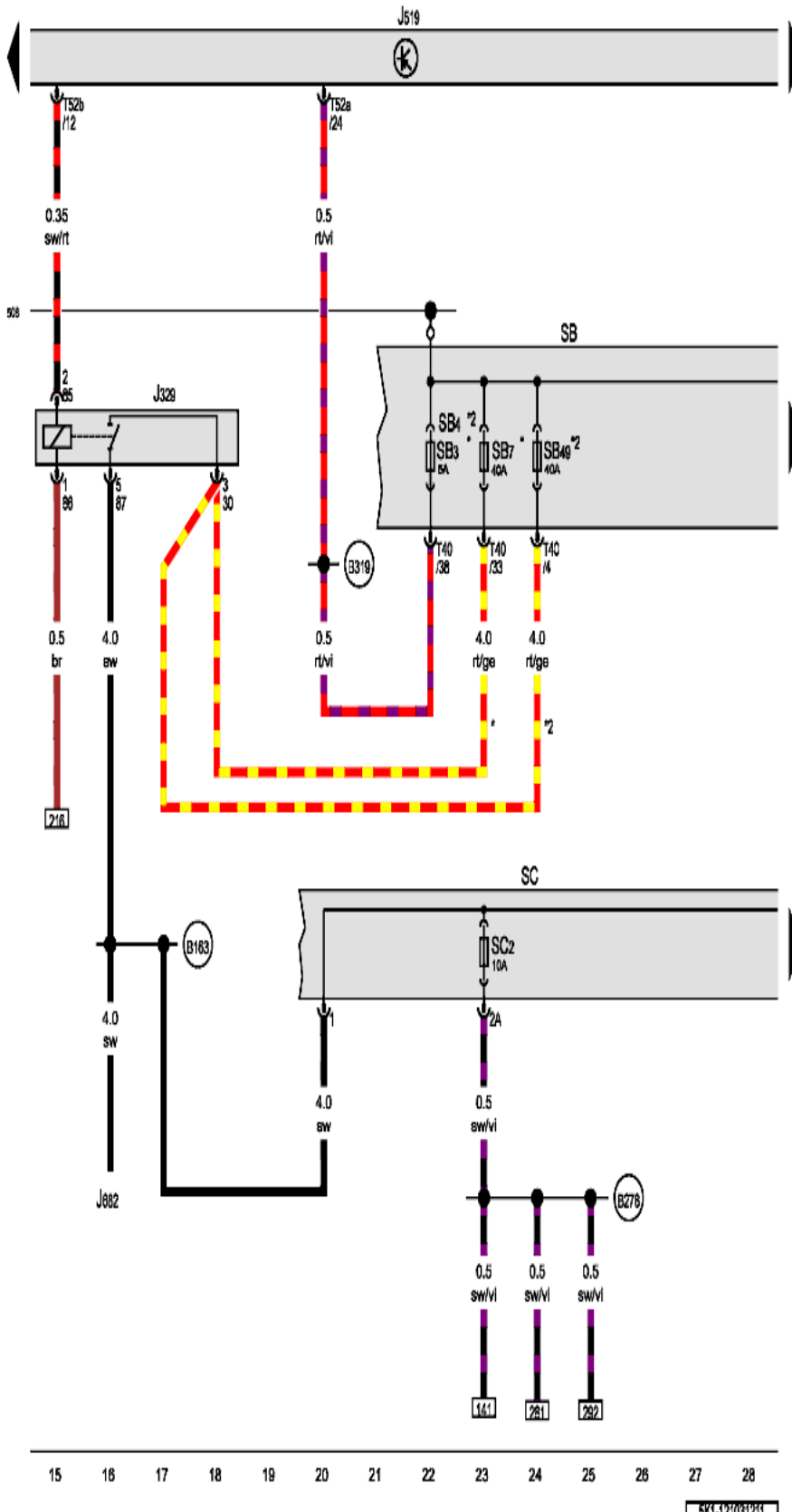
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 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 121 / 3

Terminal 15 power supply relay, Fuse panel B, Fuse panel C



- J329 - Terminal 15 power supply relay
- J519 - Vehicle electrical system control module
- J682 - Terminal 50 power supply relay
- SB - Fuse panel B
- SC2 - Fuse 2 (on fuse panel C)
- SB3 - Fuse 3 (on fuse panel B)
- SB4 - Fuse 4 (on fuse panel B)
- SB7 - Fuse 7 (on fuse panel B)
- SB49 - Fuse 49 (on fuse panel B)
- SC - Fuse panel C
- T40 - 40-pin connector
- T52a - 52-pin connector
- T52b - 52-pin connector
- 508 - Terminal 30 threaded connection (on E-box)
- B163 - Positive connection 1 (15) (in interior wiring harness)
- B278 - Positive connection 2 (15a) (in main wiring harness)
- B319 - Positive



rs = pink

connection 5
(30a) (in
main wiring
harness)

*

- E-Box low

*2














- E-Box high

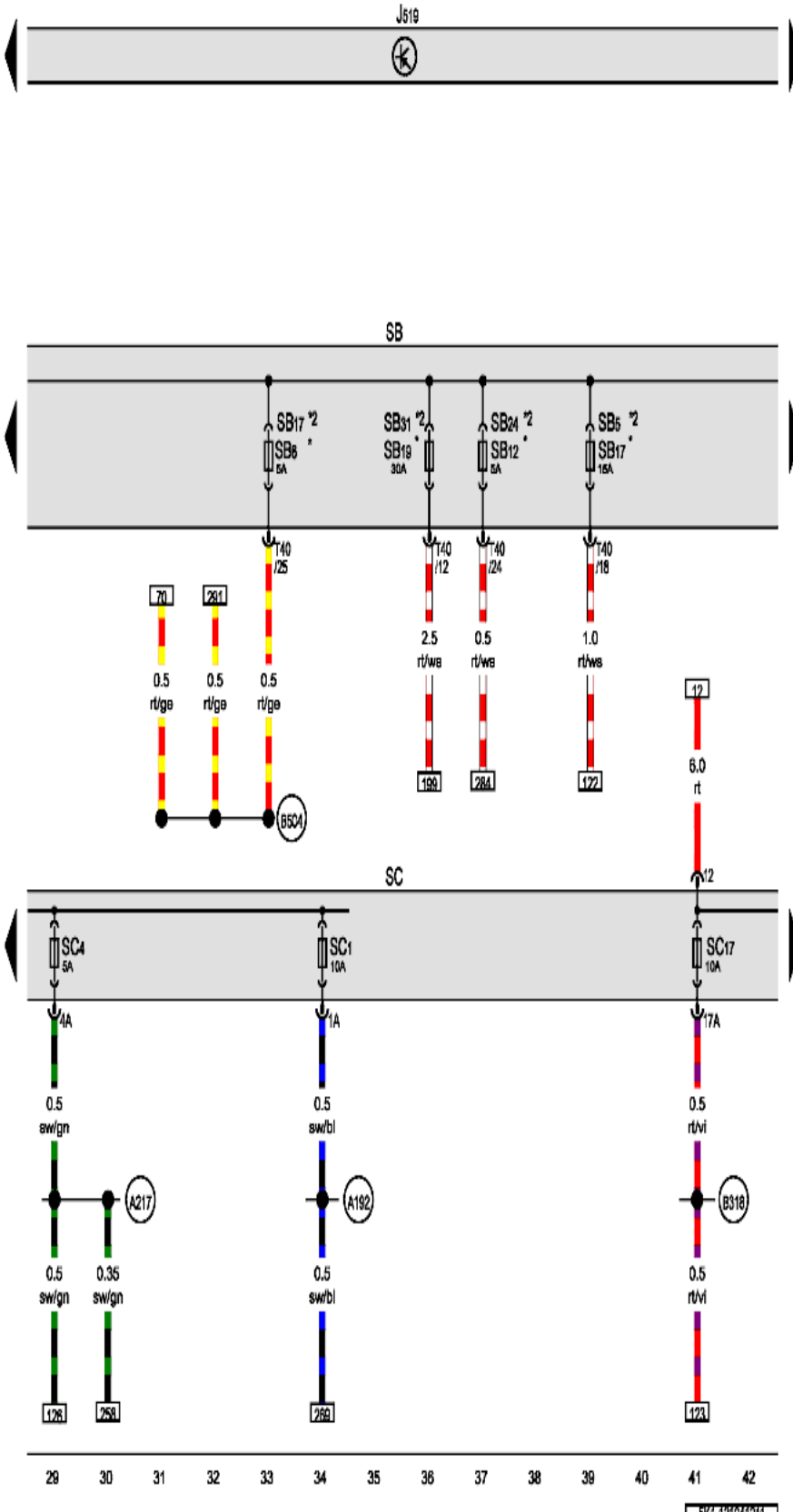
Golf

Wiring Diagram

No. 121 / 4

Fuse panel B, Fuse panel C

- J519 - Vehicle electrical system control module 
- SB - Fuse panel B 
- SC1 - Fuse 1 (on fuse panel C) 
- SC4 - Fuse 4 (on fuse panel C) 
- SB5 - Fuse 5 (on fuse panel B) 
- SB6 - Fuse 6 (on fuse panel B) 
- SB12 - Fuse 12 (on fuse panel B) 
- SB17 - Fuse 17 (on fuse panel B) 
- SC17 - Fuse 17 (on fuse panel C) 
- SB19 - Fuse 19 (on fuse panel B) 
- SB24 - Fuse 24 (on fuse panel B) 
- SB31 - Fuse 31 (on fuse panel B) 
- SC - Fuse panel C 
- T40 - 40-pin connector
- A192 - Positive connection 3 (15a) (in instrument panel wiring harness)
- A217 - Positive connection 8 (15a) (in instrument panel wiring harness)





















rt = red		
br = brown		
gn = green		
bl = blue		
gr = grey		
li = lilac		
vi = lilac		
ge = yellow		
or = orange		
rs = pink		
	B318	- Positive connection 4 (30a) (in main wiring harness)
	B504	- Positive connection 8 (30a) (in interior wiring harness)
	*	- E-Box low
	*2	- E-Box high

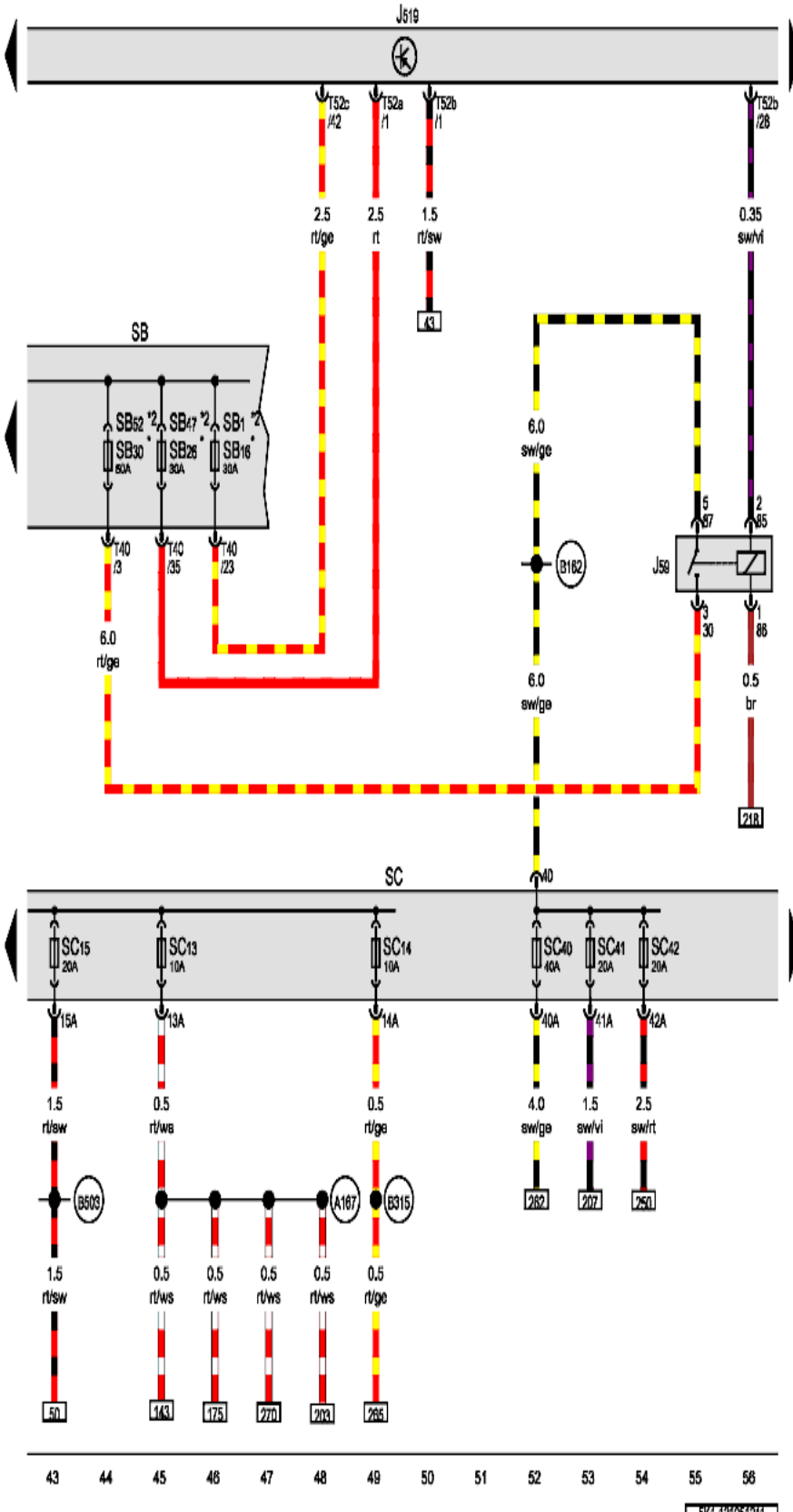
Golf

Wiring Diagram

No. 121 / 5

Load reduction relay, Fuse panel B, Fuse panel C

- J59 - Load reduction relay 
- J519 - Vehicle electrical system control module 
- SB - Fuse panel B 
- SB1 - Fuse 1 (on fuse panel B) 
- SC - Fuse panel C 
- SC13 - Fuse 13 (on fuse panel C) 
- SC14 - Fuse 14 (on fuse panel C) 
- SC15 - Fuse 15 (on fuse panel C) 
- SB16 - Fuse 16 (on fuse panel B) 
- SB26 - Fuse 26 (on fuse panel B) 
- SB30 - Fuse 30 (on fuse panel B) 
- SC40 - Fuse 40 (on fuse panel C) 
- SC41 - Fuse 41 (on fuse panel C) 
- SC42 - Fuse 42 (on fuse panel C) 
- SB47 - Fuse 47 (on fuse panel B) 
- SB52 - Fuse 52 (on fuse panel B) 
- T40 - 40-pin connector 
- T52a - 52-pin 





- connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- A167 - Positive connection 3 (30a) (in instrument panel wiring harness)
- B162 - Connection (75a) (in interior wiring harness)
- B315 - Positive connection 1 (30a) (in main wiring harness)
- B503 - Positive connection 7 (30a) (in interior wiring harness)
- * - E-Box low
- *2 - E-Box high









ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

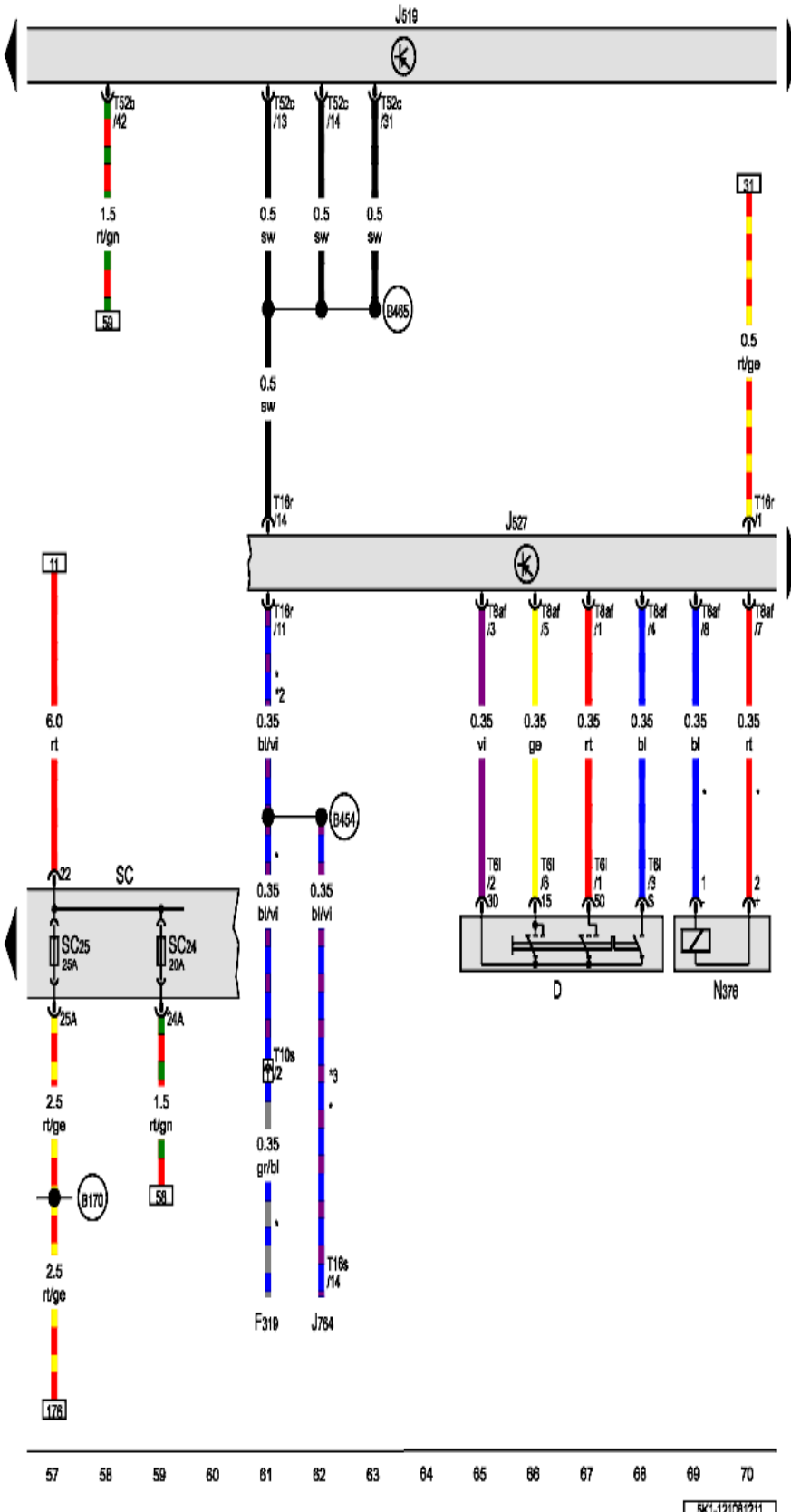
Golf

Wiring Diagram

No. 121 / 6

Ignition/starter switch, Steering column electronics control module, Ignition switch key lock solenoid, Fuse panel C

- D - Ignition/starter switch
- F319 - Selector lever park position lock switch  
- J519 - Vehicle electrical system control module 
- J527 - Steering column electronics control module 
- J764 - Electronic steering column lock control module 
- N376 - Ignition switch key lock solenoid, on the ignition/starter switch
- SC - Fuse panel C 
- SC24 - Fuse 24 (on fuse panel C) 
- SC25 - Fuse 25 (on fuse panel C) 
- T6l - 6-pin connector
- T8af - 8-pin connector
- T10s - 10-pin connector, under the selector lever
- T16r - 16-pin connector
- T16s - 16-pin connector
- T52b - 52-pin connector





T52c - 52-pin connector



B170 - Positive connection 2 (30) (in interior wiring harness)



B454 - Shift lock connection (in main wiring harness)



B465 - Connection 1 (in main wiring harness)

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

* - Only for vehicles with DSG transmission

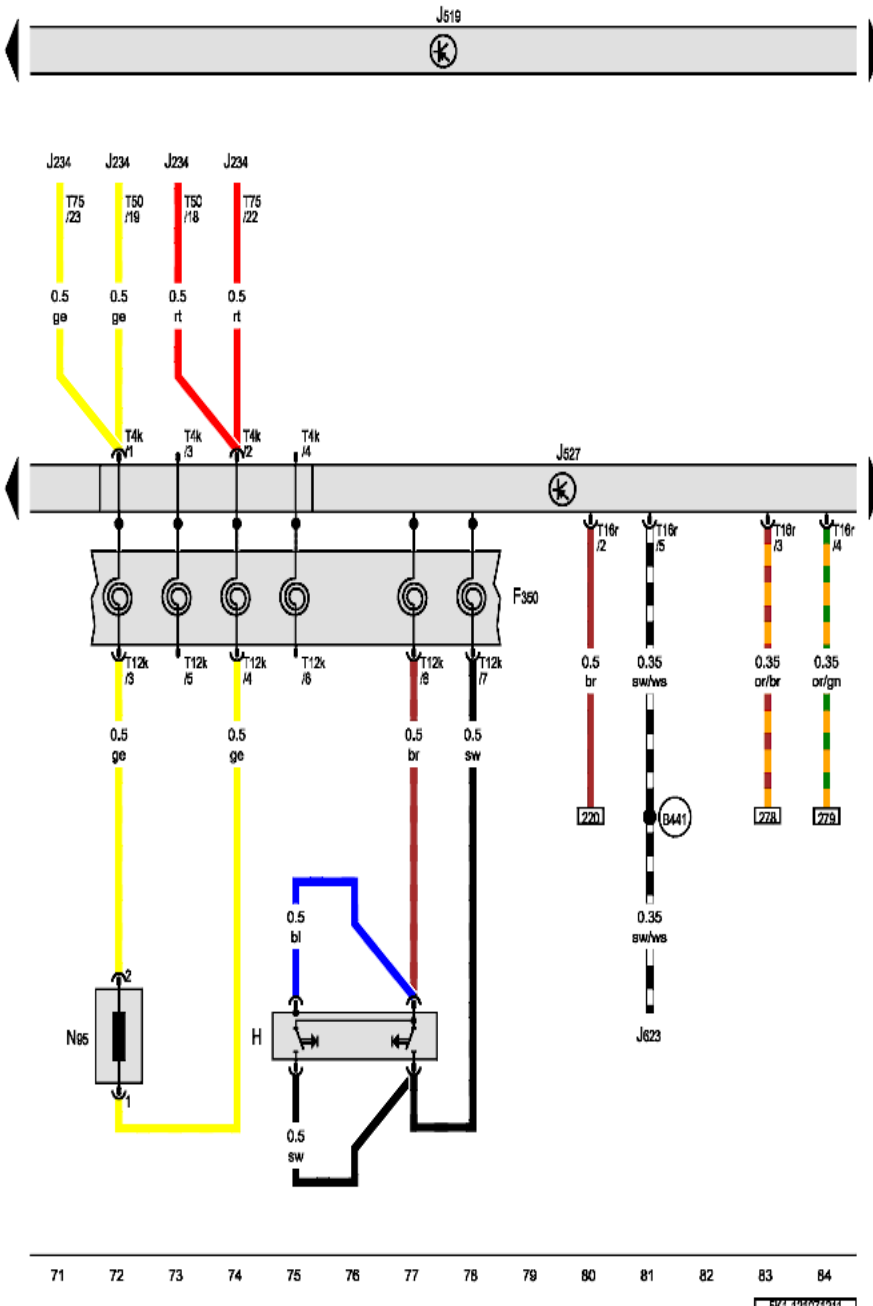
*2 - Only for vehicles without access/start authorization system

*3 - only for vehicles with access/start authorization system

Golf

Wiring Diagram

No. 121 / 7



- Signal horn activation, Steering column electronics control module, Driver airbag igniter**
- F350 - Spiral spring
 - H - Signal horn activation
 - J234 - Airbag control module
 - J519 - Vehicle electrical system control module
 - J527 - Steering column electronics control module
 - J623 - Engine control module
 - N95 - Driver airbag igniter
 - T4k - 4-pin connector
 - T10x - 10-pin connector
 - T12k - 12-pin connector
 - T16r - 16-pin connector
 - T50 - 50-pin connector
 - T75 - 75-pin connector
 - B441 - Cruise control connection (in main wiring harness)
- ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

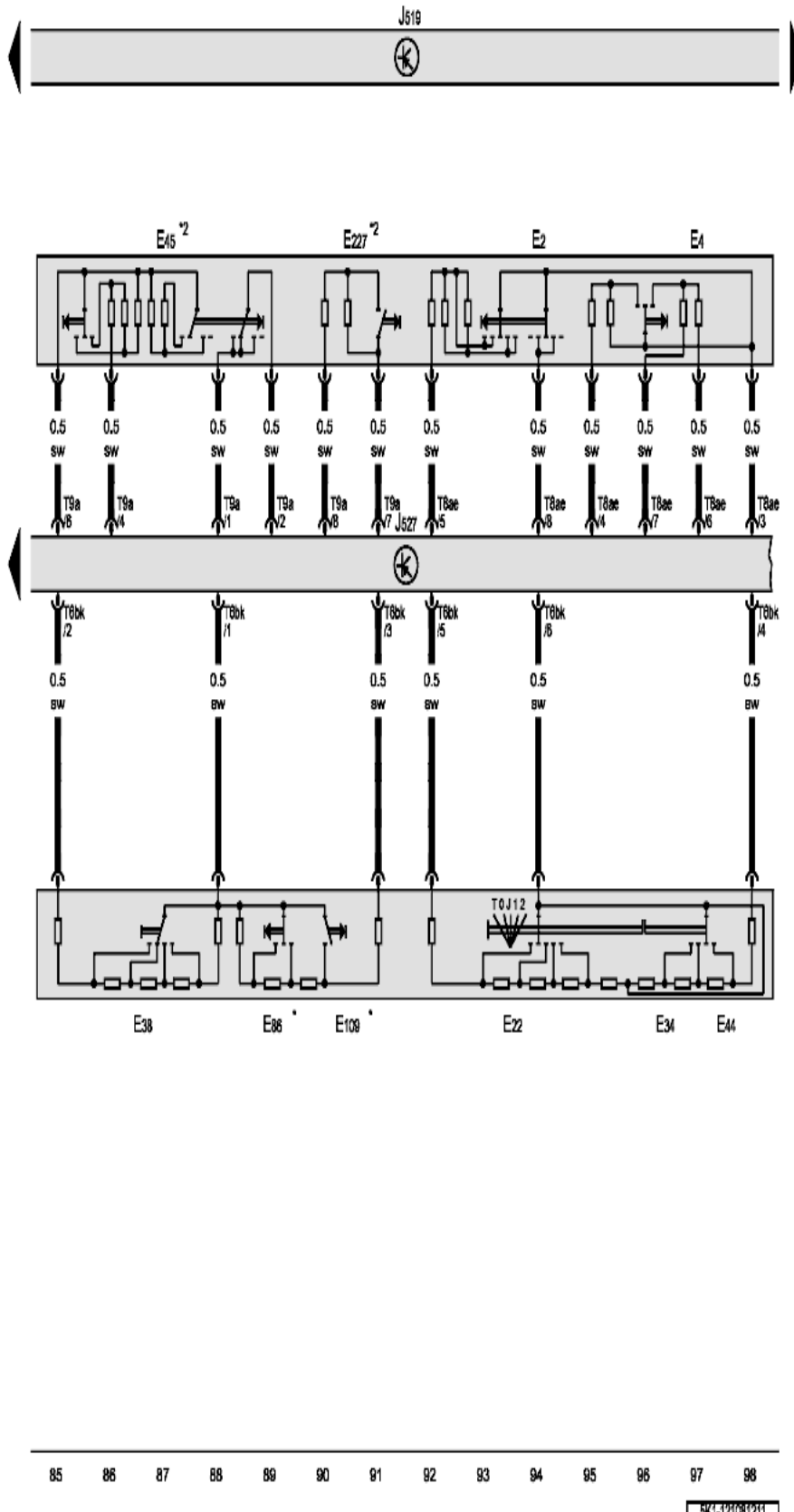
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Wiring Diagram

No. 121 / 8

Turn signal switch, Headlamp dimmer/flasher switch, Windshield wiper intermittent mode switch, Rear window wiper switch, Windshield wiper intermittent regulator, Windshield and headlamp washer pump switch, Cruise control switch, Multifunction indicator selection switch, Multifunction indicator memory switch, Cruise control -SET- button, Steering column electronics control module

- E2 - Turn signal switch
- E4 - Headlamp dimmer/flasher switch
- E22 - Windshield wiper intermittent mode switch
- E34 - Rear window wiper switch
- E38 - Windshield wiper intermittent regulator
- E44 - Windshield and headlamp washer pump switch
- E45 - Cruise control switch
- E86 - Multifunction indicator selection switch
- E109 - Multifunction indicator memory switch
- E227 - Cruise control -SET- button




	J519	- Vehicle electrical system control module 
	J527	- Steering column electronics control module 
ws = white	T6bk	- 6-pin connector
sw = black	T8ae	- 8-pin connector
ro = red	T9a	- 9-pin connector
rt = red	*	- Only for vehicles with multifunction display
br = brown	*2	- Only for vehicles with cruise control
gn = green		
bl = blue		
gr = grey		
li = lilac		
vi = lilac		
ge = yellow		
or = orange		
rs = pink		

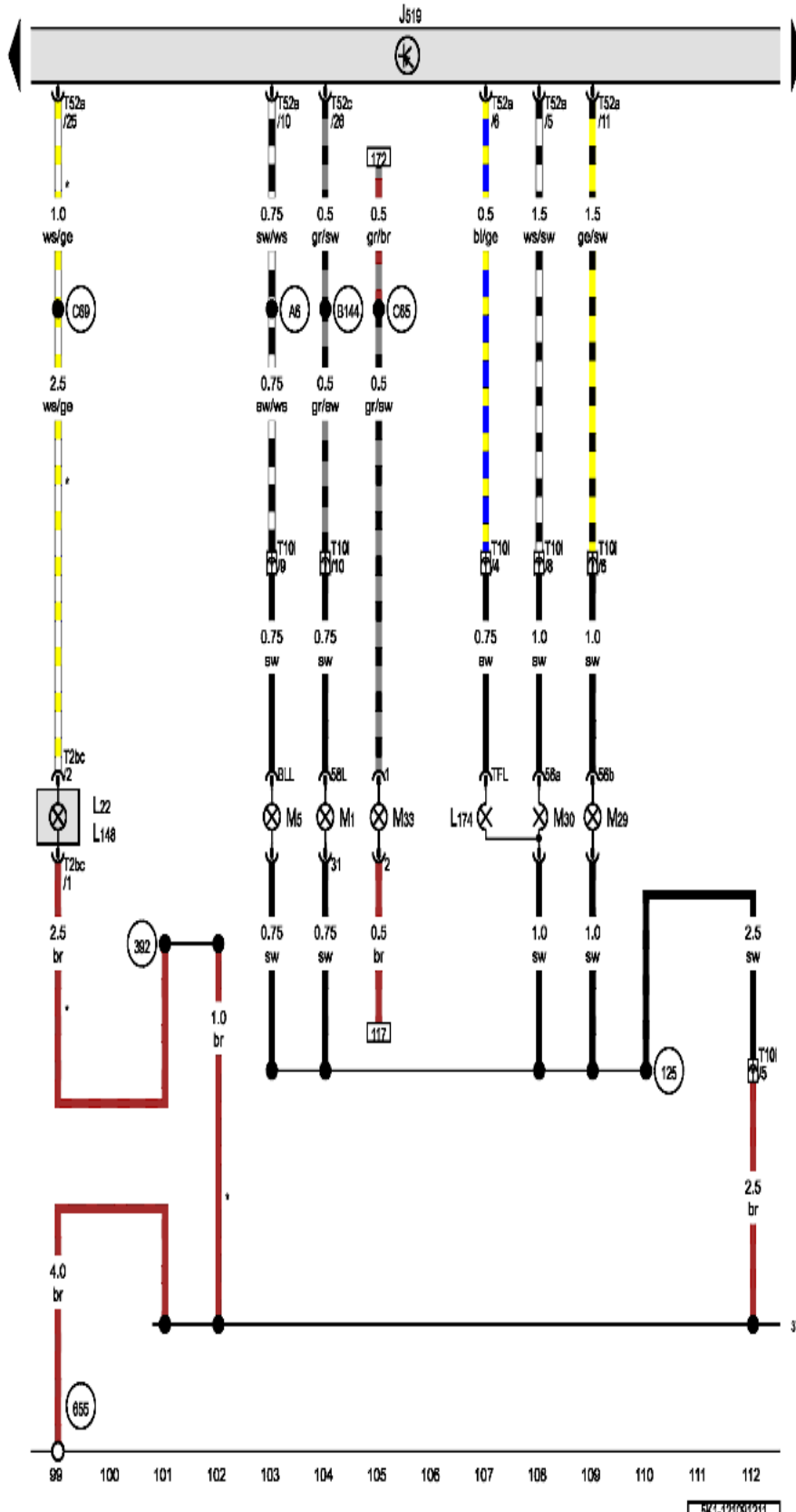
Golf

Wiring Diagram

No. 121 / 9

Left front fog lamp bulb, Left cornering lamp bulb, Left daytime running lamp bulb, Left side marker lamp bulb, Left front turn signal bulb, Left low beam headlamp bulb, Left high beam headlamp bulb, Left front side marker lamp bulb

- J519 - Vehicle electrical system control module 
- L22 - Left front fog lamp bulb
- L148 - Left cornering lamp bulb
- L174 - Left daytime running lamp bulb
- M1 - Left side marker lamp bulb
- M5 - Left front turn signal bulb
- M29 - Left low beam headlamp bulb
- M30 - Left high beam headlamp bulb
- M33 - Left front side marker lamp bulb
- T2bc - Double connector
- T10i - 10-pin connector, on the left headlamp
- T52a - 52-pin connector
- T52c - 52-pin connector
- 125 - Ground connection 3 (in headlamp wiring harness)



- 376 - Ground connection 11 (in main wiring harness)
- 392 - Ground connection 27 (in main wiring harness)
- 655 - Ground connection on left headlamp
- A6 - Left turn signal positive connection (in instrument panel wiring harness)
- B144 - Positive connection (58L) (in interior wiring harness)
- C65 - Side marker lamp positive connection 1
- C69 - Fog lamp connection (in left front wiring harness)
- * - Only for vehicles with fog lamps










ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

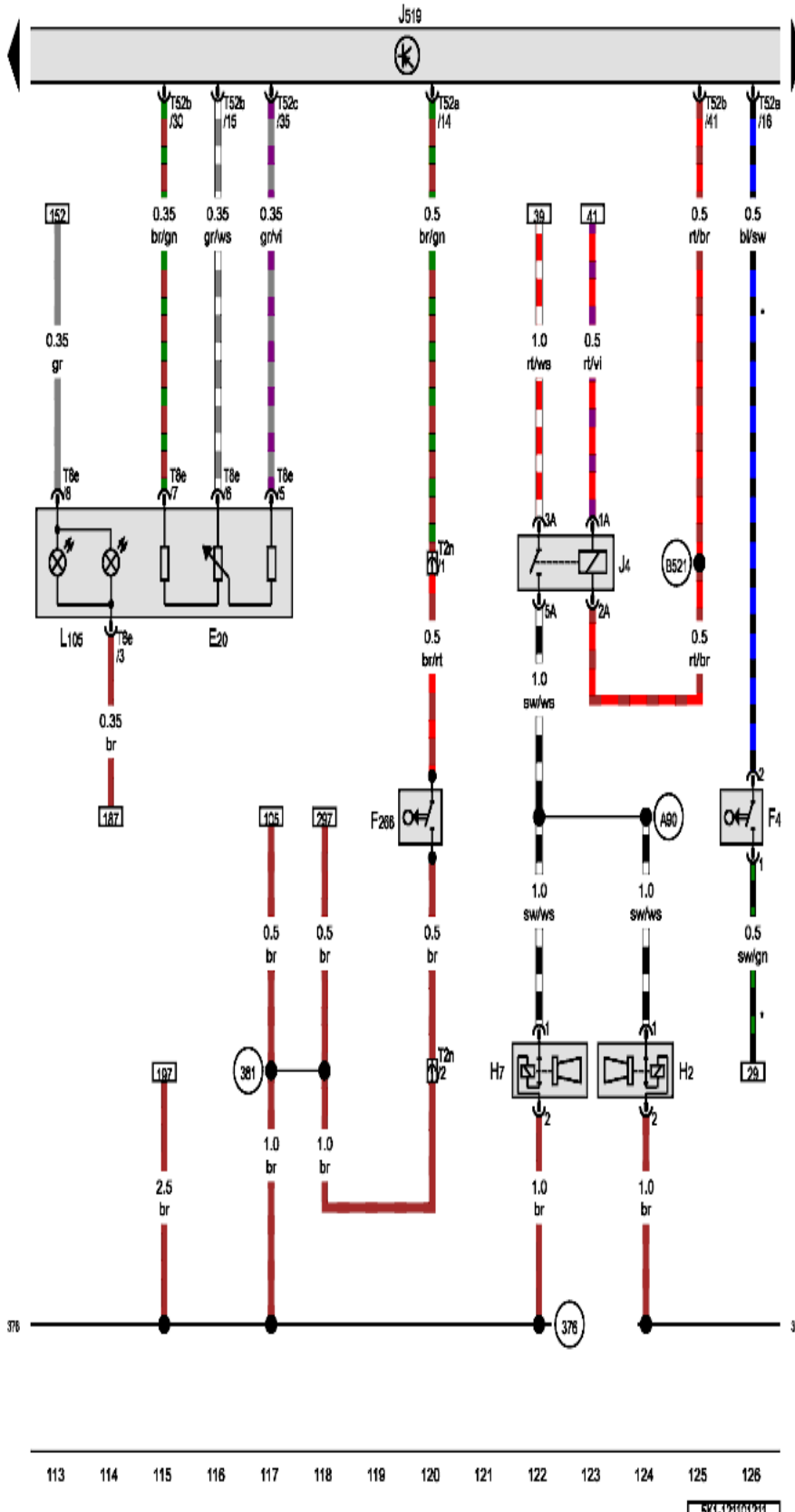
Golf

Wiring Diagram

No. 121 / 10

Instrument panel and switch illumination dimmer switch, Back-up lamp switch, Engine hood contact switch, High tone horn, Low tone horn, Dual tone horn relay

- E20 - Instrument panel and switch illumination dimmer switch
- F4 - Back-up lamp switch 
- F266 - Engine hood contact switch 
- H2 - High tone horn 
- H7 - Low tone horn 
- J4 - Dual tone horn relay 
- J519 - Vehicle electrical system control module 
- L105 - Lighting control illumination bulb
- T2n - Double connector, near the left headlamp
- T8e - 8-pin connector
- T52a - 52-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- 376 - Ground connection 11 (in main wiring harness)
- 378 - Ground connection 





- 13 (in main wiring harness)
- 381 - Ground connection
- 16 (in main wiring harness)
- A90 - Dual tone horn connection (in instrument panel wiring harness)
- B521 - Dual tone horn connection (in main wiring harness)
- * - only for vehicles with dual clutch transmission


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

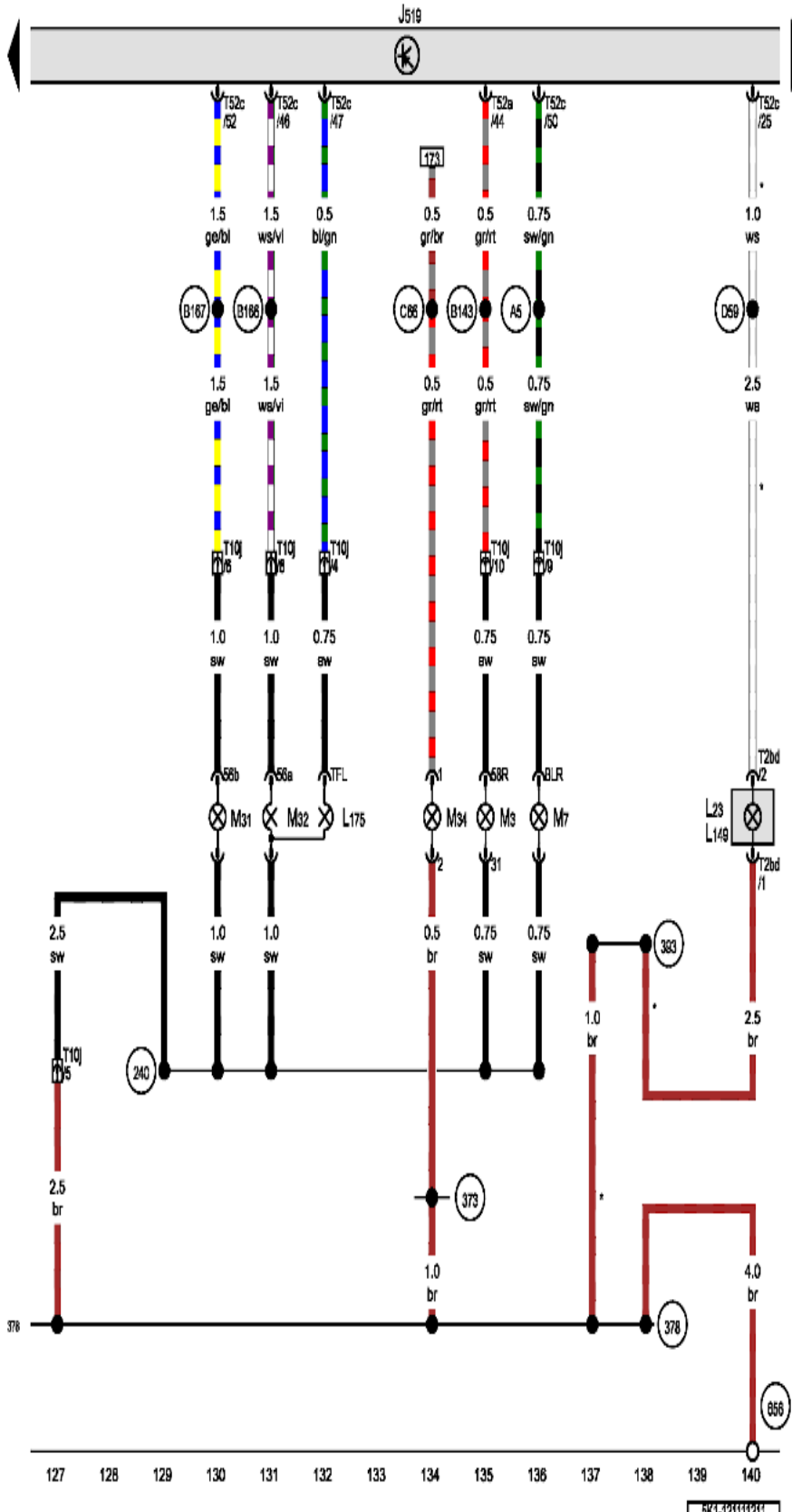
Golf

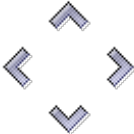

Wiring Diagram

No. 121 / 11

Right front fog lamp bulb, Right cornering lamp bulb, Right side marker lamp bulb, Right front turn signal bulb, Right low beam headlamp bulb, Right high beam headlamp bulb, Right front side marker lamp bulb

- J519 - Vehicle electrical system control module 
- L23 - Right front fog lamp bulb
- L149 - Right cornering lamp bulb
- L175 - Right daytime running lamp bulb
- M3 - Right side marker lamp bulb
- M7 - Right front turn signal bulb
- M31 - Right low beam headlamp bulb
- M32 - Right high beam headlamp bulb
- M34 - Right front side marker lamp bulb
- T2bd - Double connector
- T10j - 10-pin connector, on the right headlamp
- T52a - 52-pin connector
- T52c - 52-pin connector
- 240 - Ground connection 4 (in headlamp)



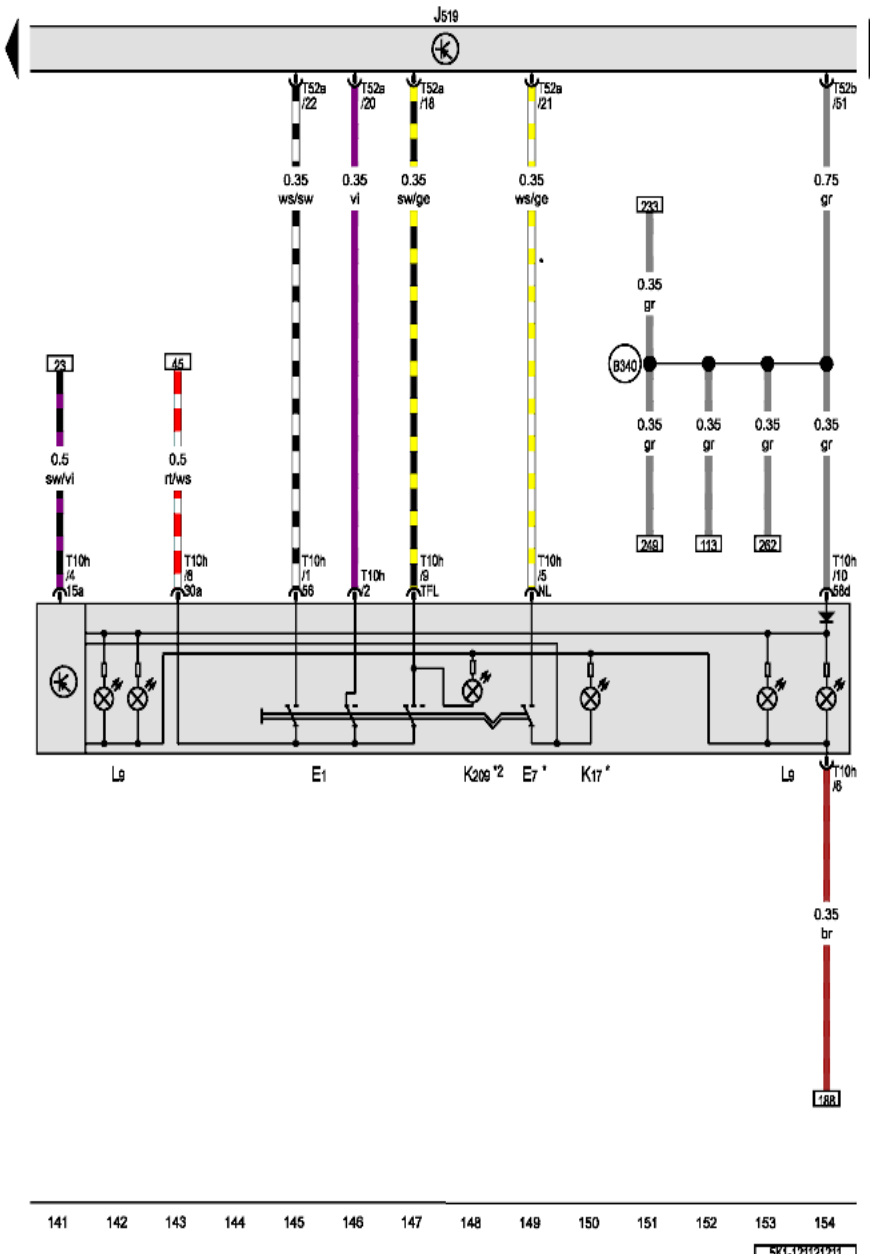
		wiring harness)
373		- Ground connection 8 (in main wiring harness)
378		- Ground connection 13 (in main wiring harness)
393		- Ground connection 28 (in main wiring harness)
656		- Ground connection on right headlamp
A5		- Right turn signal positive connection (in instrument panel wiring harness)
B143		- Positive connection (58R) (in interior wiring harness)
B166		- Connection (56a) (in interior wiring harness)
B167		- Connection (56b) (in interior wiring harness)
C66		- Side marker lamp positive connection 2
D59		- Fog lamp connection (in engine compartment wiring harness)
*		- Only for vehicles with fog lamps

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 121 / 12



Light switch, Fog lamp switch, Fog lamp indicator lamp, Automatic light control indicator lamp

- E1 - Light switch
- E7 - Fog lamp switch
- J519 - Vehicle electrical system control module
- K17 - Fog lamp indicator lamp
- K209 - Automatic light control indicator lamp
- L9 - Headlamp switch illumination bulb
- T10h - 10-pin connector
- T52a - 52-pin connector
- T52b - 52-pin connector
- B340 - Connection 1 (58d) (in main wiring harness)
- * - Only for vehicles with fog lamps
- *2 - Only for vehicles with automatic headlamp assist







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 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

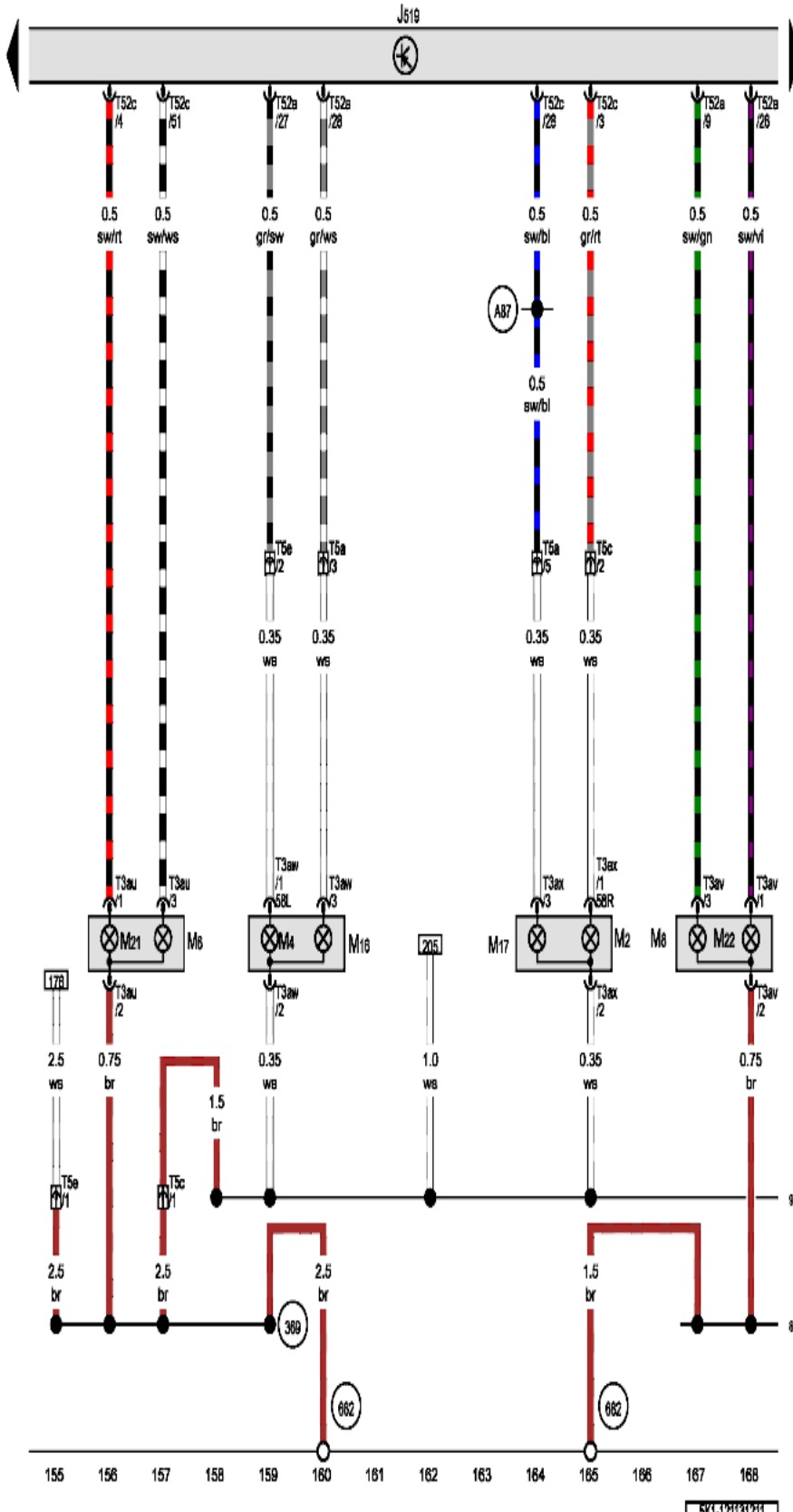
Golf

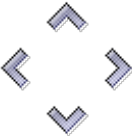




Wiring Diagram

No. 121 / 13

Right tail lamp bulb,
 Left tail lamp bulb,
 Left rear turn signal bulb, Right rear turn signal bulb, Left back-up lamp bulb, Right back-up lamp bulb, Left brake/tail lamp bulb, Right brake/tail lamp bulb

- J519 - Vehicle electrical system control module 
- M2 - Right tail lamp bulb
- M4 - Left tail lamp bulb
- M6 - Left rear turn signal bulb
- M8 - Right rear turn signal bulb
- M16 - Left back-up lamp bulb
- M17 - Right back-up lamp bulb
- M21 - Left brake/tail lamp bulb
- M22 - Right brake/tail lamp bulb
- T3au - 3-pin connector
- T3av - 3-pin connector
- T3aw - 3-pin connector
- T3ax - 3-pin connector
- T5a - 5-pin connector, in the left rear side panel 
- T5c - 5-pin connector, in the left rear side panel 
- T5e - 5-pin connector, in the left rear side panel 



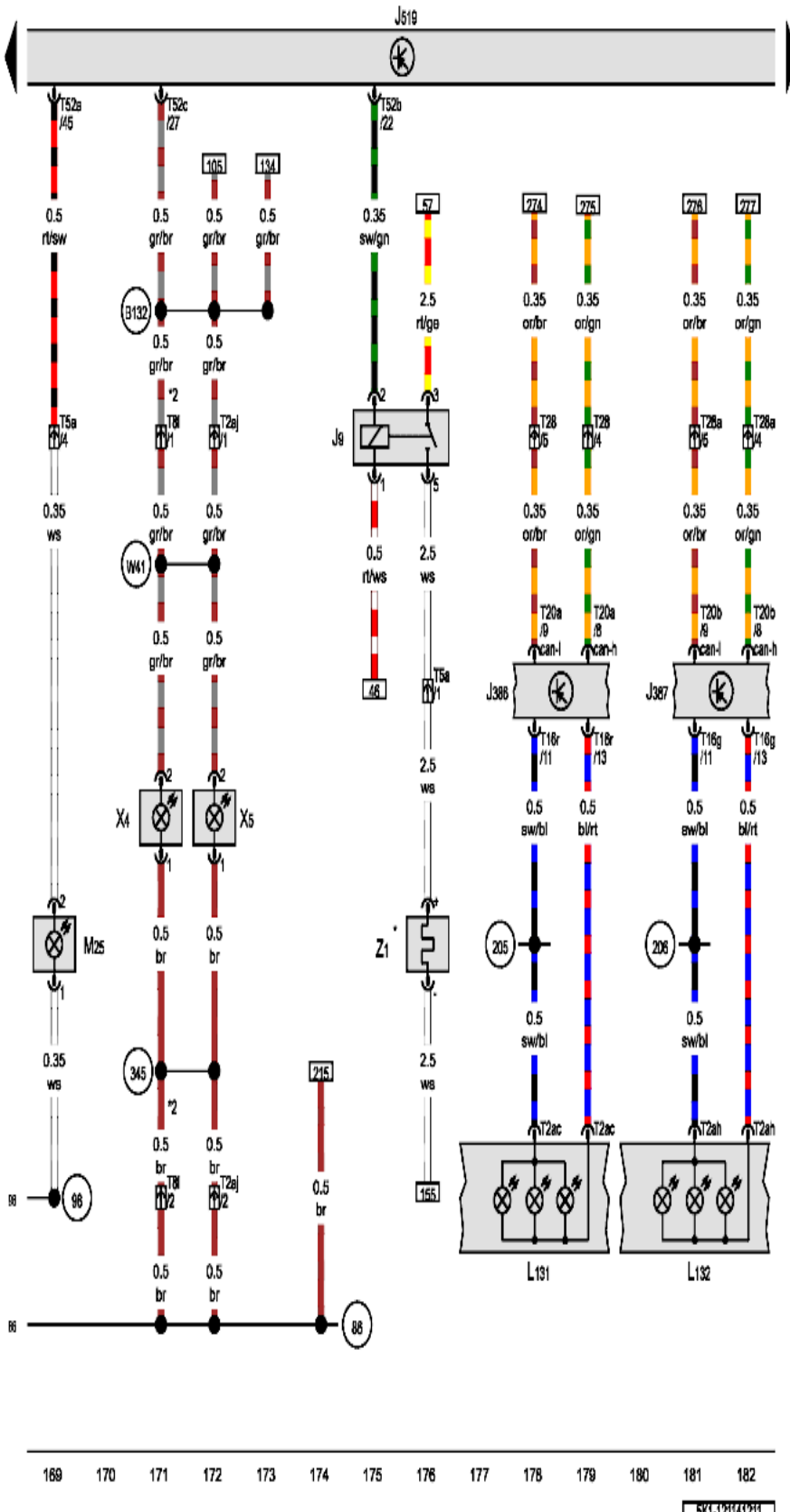
	T52a	panel 
		- 52-pin connector
	T52c	- 52-pin connector
	86	- Ground connection 1 (in rear wiring harness)
		
		
	98	- Ground connection (in rear lid wiring harness)
	369	- Ground connection 4 (in main wiring harness)
	662	- Ground connection in left rear side panel
	682	- Ground connection 2 in right rear side panel
	A87	- Back-up lamp connection (in instrument panel wiring harness)

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf





Wiring Diagram

No. 121 / 14



Rear window defogger relay, Driver exterior rearview mirror turn signal bulb, Front passenger exterior rearview mirror turn signal bulb, High-mounted brake lamp bulb, Left license plate lamp, Right license plate lamp, Rear window defogger

- J9 - Rear window defogger relay
- J386- Driver door control module
- J387- Front passenger door control module
- J519 - Vehicle electrical system control module
- L131 - Driver exterior rearview mirror turn signal bulb
- L132 - Front passenger exterior rearview mirror turn signal bulb
- M25 - High-mounted brake lamp bulb
- T2ac - Double connector
- T2ah - Double connector
- T2aj - Double connector, under the right rear bumper
- T5a - 5-pin connector, in the left rear side panel

- panel 
- T8l - 8-pin connector 
- T16g - 16-pin connector
- T16r - 16-pin connector
- T20a - 20-pin connector
- T20b - 20-pin connector
- T28 - 28-pin connector, in the left A-pillar connector station 
- T28a - 28-pin connector, in the connector station, right A-pillar 
- T52a - 52-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- X4 - Left license plate lamp
- X5 - Right license plate lamp
- Z1 - Rear window defogger
- 86 - Ground connection 1 (in rear wiring harness)
- 98 - Ground connection (in rear lid wiring harness)
- 205 - Ground connection (in driver door wiring harness)
- 206 - Ground connection (in front passenger door wiring harness)
- 345 - Ground connection (in bumper)





- wiring harness)
- B132 - License plate lamp connection (in interior wiring harness)
- W41 - Positive connection (58) (in license plate lamp wiring harness)
- * - Refer to applicable wiring diagram for radio/radio navigation system
- *2 - Only for vehicles with park distance control (PDC)

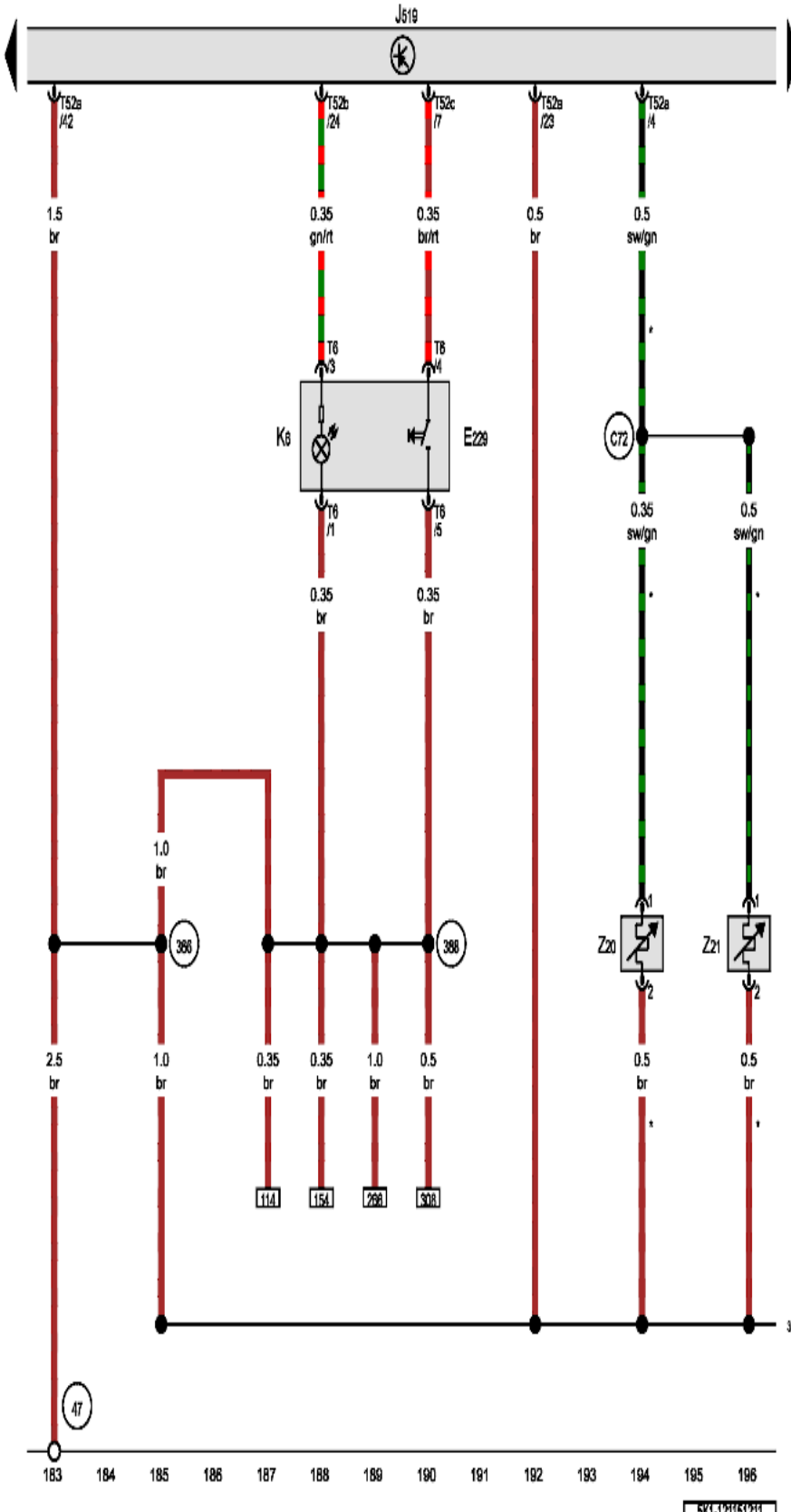
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 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 121 / 15

Emergency flasher button, Left washer nozzle heater, Right washer nozzle heater



- E229 - Emergency flasher button
- J519 - Vehicle electrical system control module
- K6 - Emergency flasher indicator lamp
- T6 - 6-pin connector
- T52a - 52-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- Z20 - Left washer nozzle heater
- Z21 - Right washer nozzle heater
- 47 - Ground connection in right front footwell
- 366 - Ground connection 1 (in main wiring harness)
- 387 - Ground connection 22 (in main wiring harness)
- 388 - Ground connection 23 (in main wiring harness)
- C72 - Positive connection (in heated spray nozzle wiring harness)
- * - Only for vehicles with

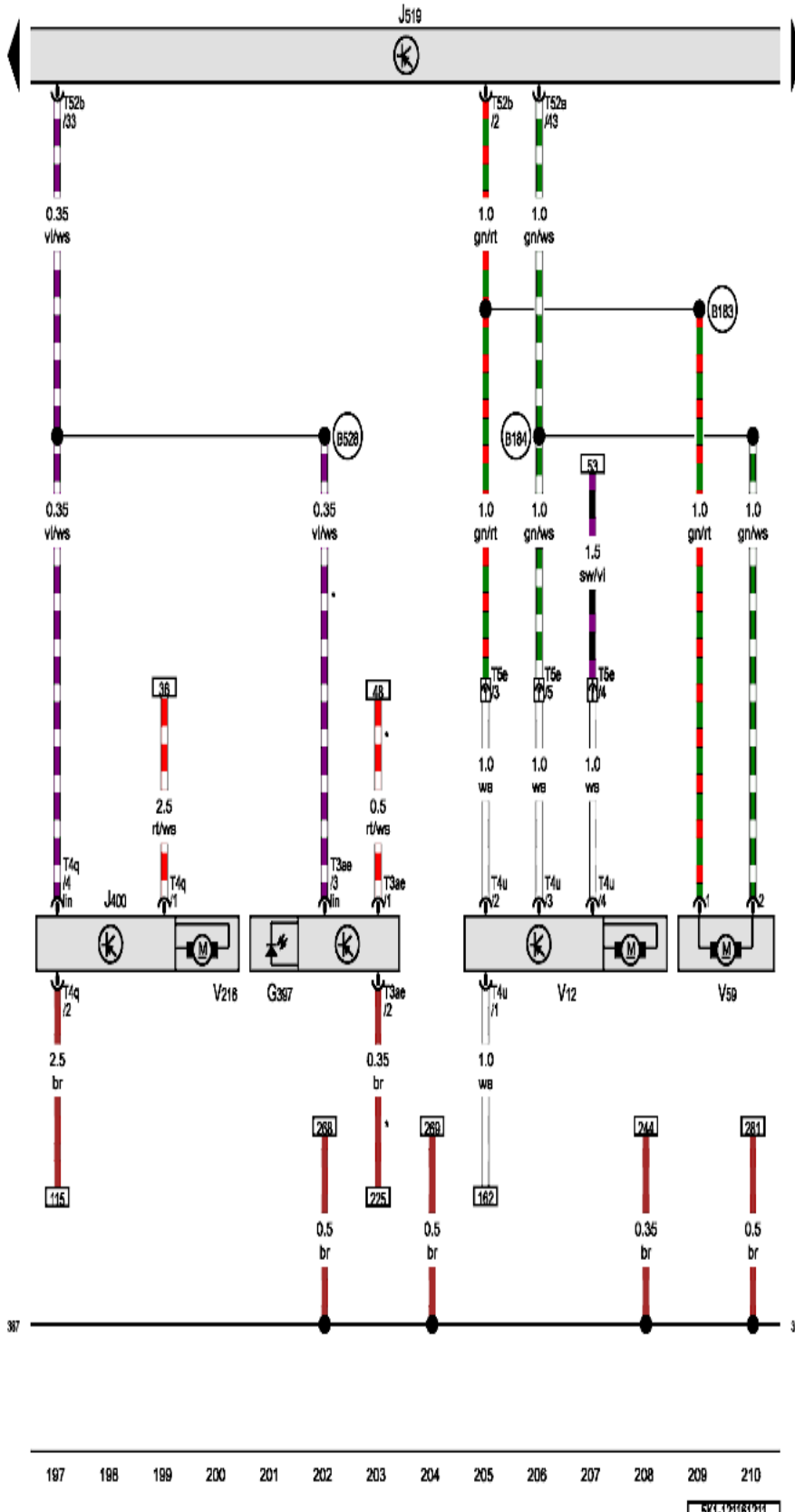


heated spray
nozzles

Golf

Wiring Diagram

No. 121 / 16



Rain/light recognition sensor, Wiper motor control module, Rear window wiper motor, Windshield and rear window washer pump, Driver windshield wiper motor

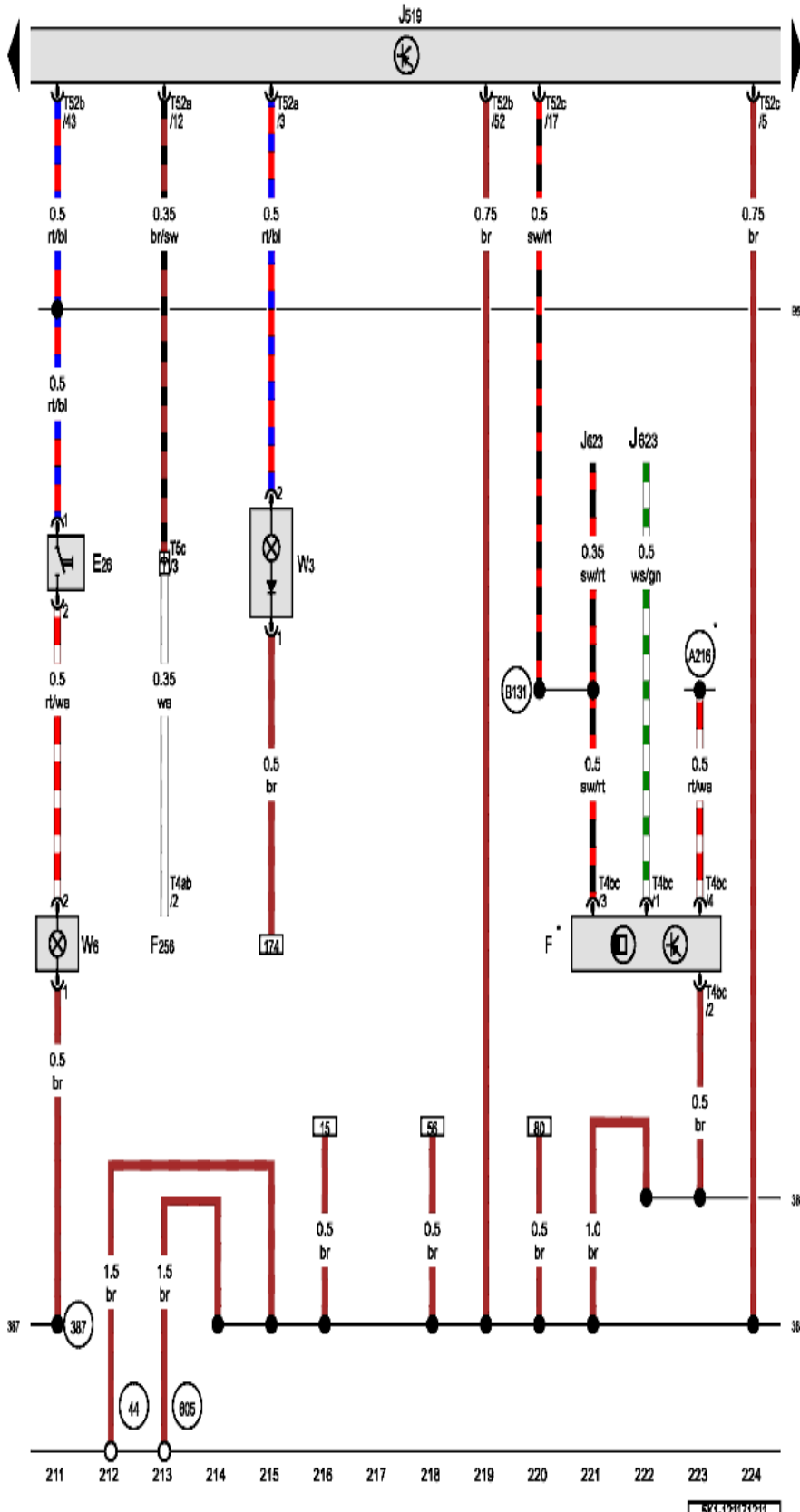
- G397 - Rain/light recognition sensor
- J400 - Wiper motor control module
- J519 - Vehicle electrical system control module
- T3ae - 3-pin connector
- T4q - 4-pin connector
- T4u - 4-pin connector
- T5e - 5-pin connector, in the left rear side panel
- T52a - 52-pin connector
- T52b - 52-pin connector
- V12 - Rear window wiper motor
- V59 - Windshield and rear window washer pump
- V216 - Driver windshield wiper motor
- 387 - Ground connection 22 (in main wiring harness)
- B183 - Windshield washer pump connection 1 (in interior wiring harness)

ws = white	B184	- Windshield
sw = black		washer pump
ro = red		connection 2
rt = red		(in interior
br = brown		wiring
gn = green		harness)
bl = blue	B528	- LIN bus
gr = grey		connection 1
li = lilac		(in main
vi = lilac		wiring
ge = yellow		harness)
or = orange	*	- Only for
rs = pink		vehicles with
		rain/light
		recognition
		sensor

Golf

Wiring Diagram

No. 121 / 17



- Glove compartment lamp switch, Brake lamp switch, Luggage compartment lamp, Glove compartment lamp**
- E26 - Glove compartment lamp switch
- F - Brake lamp switch
- F256 - Rear lid lock unit
- J519 - Vehicle electrical system control module
- J623 - Engine control module
- T4ab - 4-pin connector
- T4bc - 4-pin connector
- T5c - 5-pin connector, in the left rear side panel
- T52a - 52-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- W3 - Luggage compartment lamp
- W6 - Glove compartment lamp
- 44 - Ground connection on A-pillar, lower left
- 367 - Ground connection 2 (in main wiring harness)
- 387 - Ground connection 22 (in main wiring)



389

harness)
- Ground connection 24 (in main wiring harness)



605

- Ground connection on upper steering column

A216

- Positive connection 2 (87a) (in instrument panel wiring harness)

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

B131

- Connection (54) (in interior wiring harness)

B559

- Positive connection 1 (30g) (in main wiring harness)

*

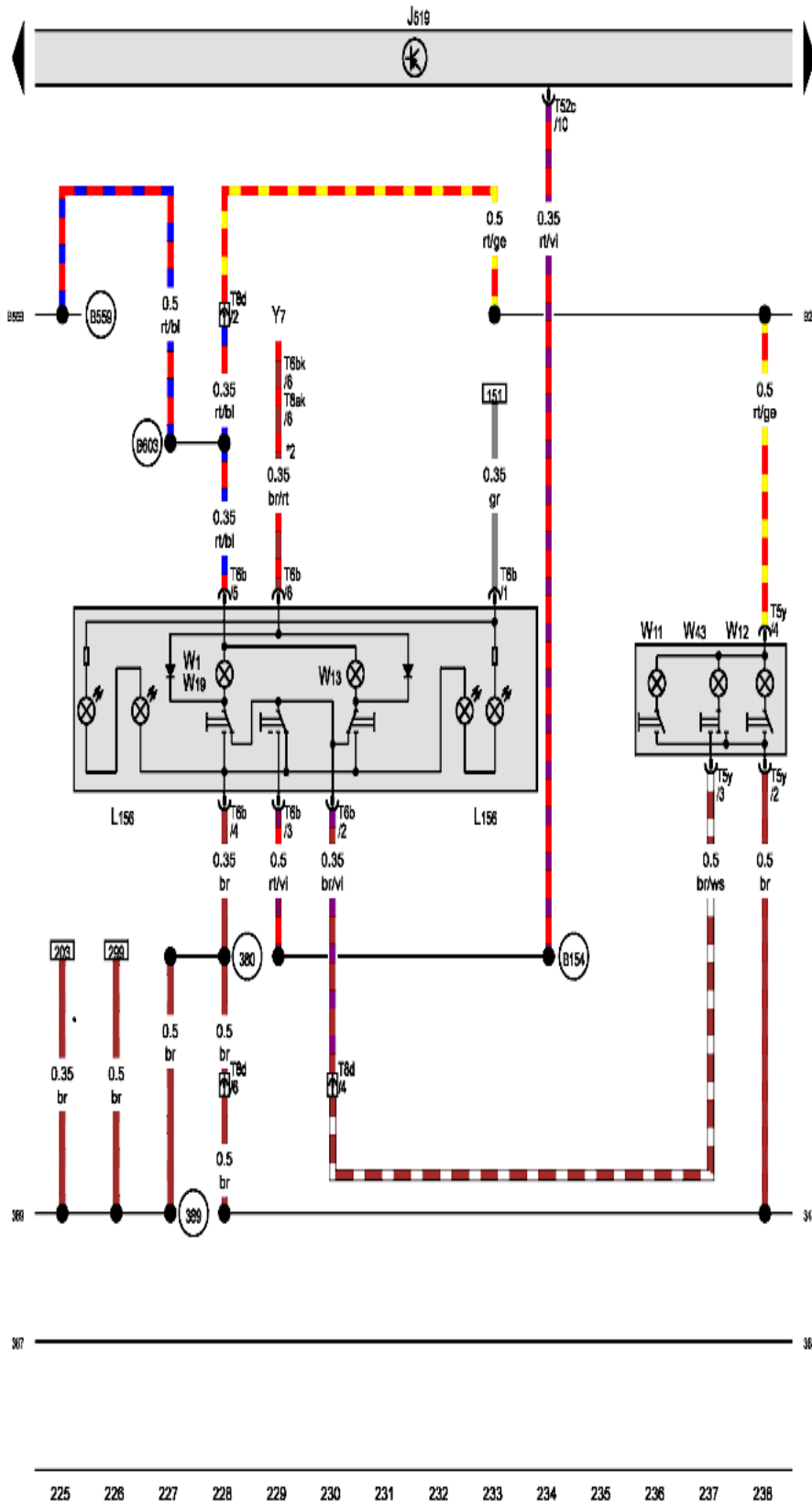
- Refer to applicable engine wiring diagram

Golf

Wiring Diagram

No. 121 / 18

Front interior lamp,
Left rear reading
lamp, Right rear
reading lamp, Front
passenger reading
lamp, Driver reading
lamp, Rear interior
lamp



- J519 - Vehicle electrical system control module
- L156 - Switch illumination bulb
- T5y - 5-pin connector
- T6b - 6-pin connector
- T6bk - 6-pin connector
- T8d - 8-pin connector, near the front interior lamp
- T52c - 52-pin connector
- W1 - Front interior lamp
- W11 - Left rear reading lamp
- W12 - Right rear reading lamp
- W13 - Front passenger reading lamp
- W19 - Driver reading lamp
- W43 - Rear interior lamp
- Y7 - Automatic dimming interior rearview mirror
- 347 - Ground connection (in roof wiring harness)
- 367 - Ground connection 2 (in main wiring harness)

- 380 - Ground connection 15 (in main wiring harness)
- 389 - Ground connection 24 (in main wiring harness)
- B154 - Connection 1 (TK) (in interior wiring harness)
- B250 - Positive connection (in roof wiring harness)
- B559 - Positive connection 1 (30g) (in main wiring harness)
- B603 - Positive connection 2 (30g) (in main wiring harness)
- * - Only for vehicles with rain/light recognition sensor
- *2 - Only for vehicles with automatic dimming interior rearview mirror

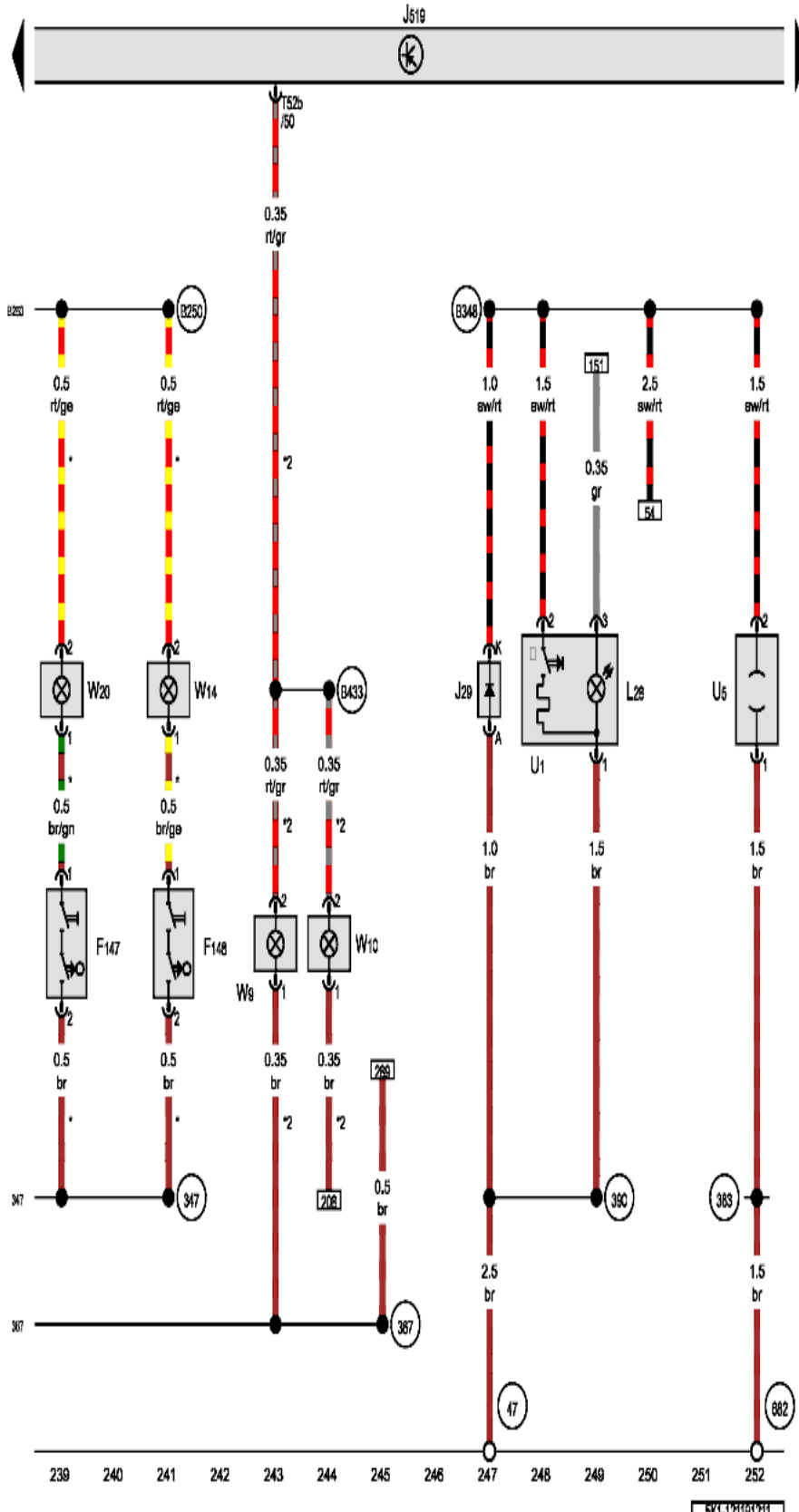


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

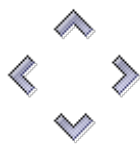

Wiring Diagram

No. 121 / 19



Driver vanity mirror lamp contact switch, Front passenger vanity mirror lamp contact switch, Blocking diode, Cigarette lighter illumination bulb, Cigarette lighter, 12 V socket, Left footwell lamp, Right footwell lamp, Front passenger vanity mirror lamp, Driver vanity mirror lamp

- F147 - Driver vanity mirror lamp contact switch
- F148 - Front passenger vanity mirror lamp contact switch
- J29 - Blocking diode
- J519 - Vehicle electrical system control module
- L28 - Cigarette lighter illumination bulb
- T52b - 52-pin connector
- U1 - Cigarette lighter
- U5 - 12 V socket
- W9 - Left footwell lamp
- W10 - Right footwell lamp
- W14 - Front passenger vanity mirror lamp
- W20 - Driver vanity mirror lamp
- 47 - Ground connection in right front footwell
- 347 - Ground connection (in roof)

		wiring harness)
367		- Ground connection 2 (in main wiring harness)
383		- Ground connection 18 (in main wiring harness)
390		- Ground connection 25 (in main wiring harness)
682		- Ground connection 2 in right rear side panel
B250		- Positive connection (in roof wiring harness)
B348		- Connection 1 (75a) (in main wiring harness)
B433		- Footwell illumination connection (in main wiring harness)
		* - Only for vehicles with illuminated vanity mirror
		*2 - Only for vehicles with footwell lamp








ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

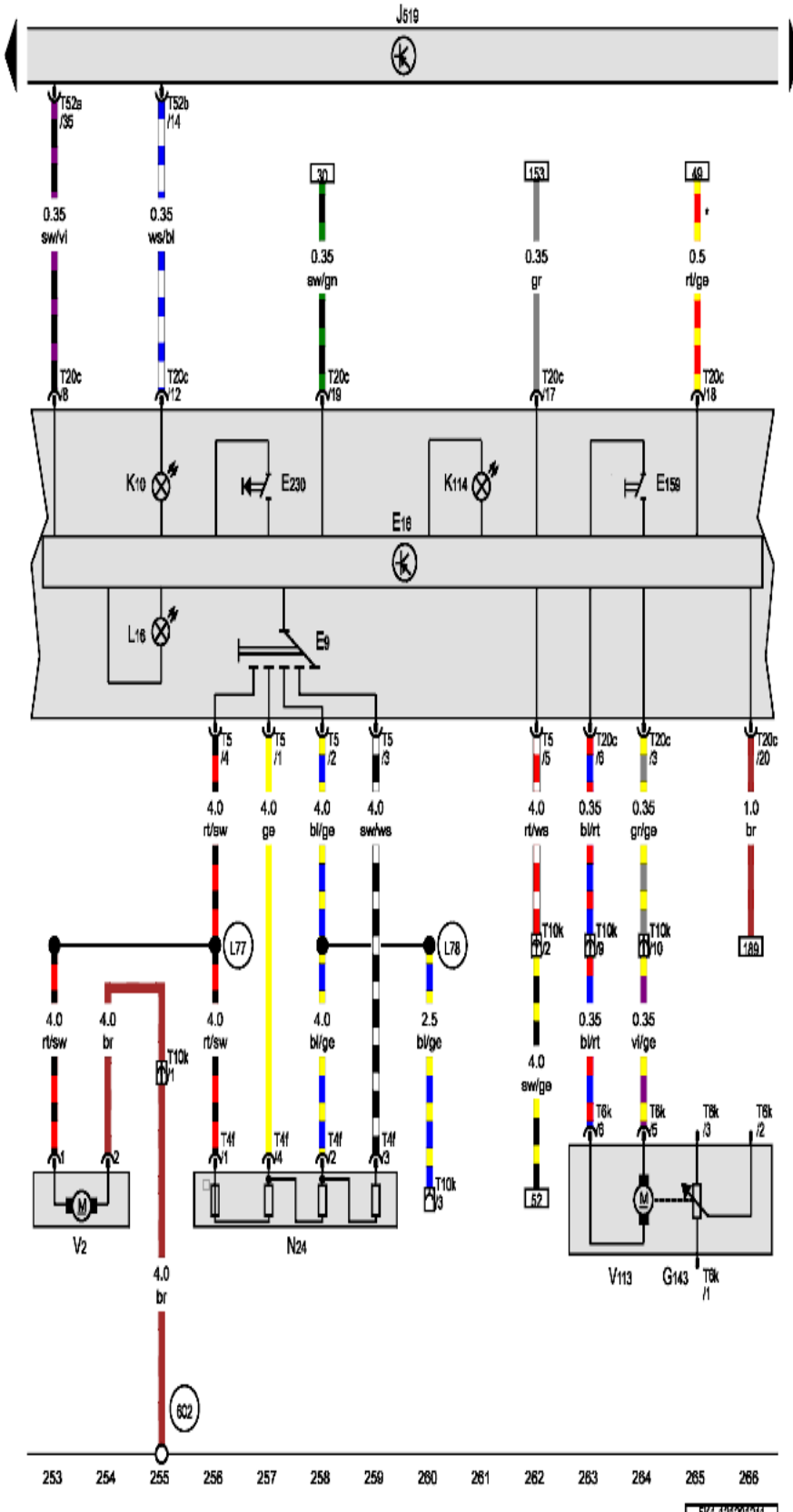
Golf

Wiring Diagram

No. 121 / 20

Fresh air blower switch, Heater/heat output switch, Fresh air blower series resistor with fuse, Fresh air blower, Recirculation door motor

- E9 - Fresh air blower switch 
- E16 - Heater/heat output switch, in the engine compartment, right 
- E159 - Fresh air/recirculation door switch 
- E230 - Rear window defogger button 
- G143 - Recirculation door motor position sensor 
- J519 - Vehicle electrical system control module 
- K10 - Rear window defogger indicator lamp 
- K114 - Fresh air and recirculation mode indicator lamp
- L16 - Fresh air control illumination bulb
- N24 - Fresh air blower series resistor with fuse
- T4f - 4-pin connector
- T5 - 5-pin connector
- T6k - 6-pin connector
- T10k - 10-pin connector



		connector, behind the instrument panel, right
	T20c	- 20-pin connector
	T52a	- 52-pin connector
	T52b	- 52-pin connector
	V2	- Fresh air blower
	V113	- Recirculation door motor
	602	- Ground connection in left front footwell
	L77	- Connection (in fresh air blower wiring harness)
	L78	- Connection 1 (in fresh air blower wiring harness)
	*	- Only for vehicles with auxiliary water heater

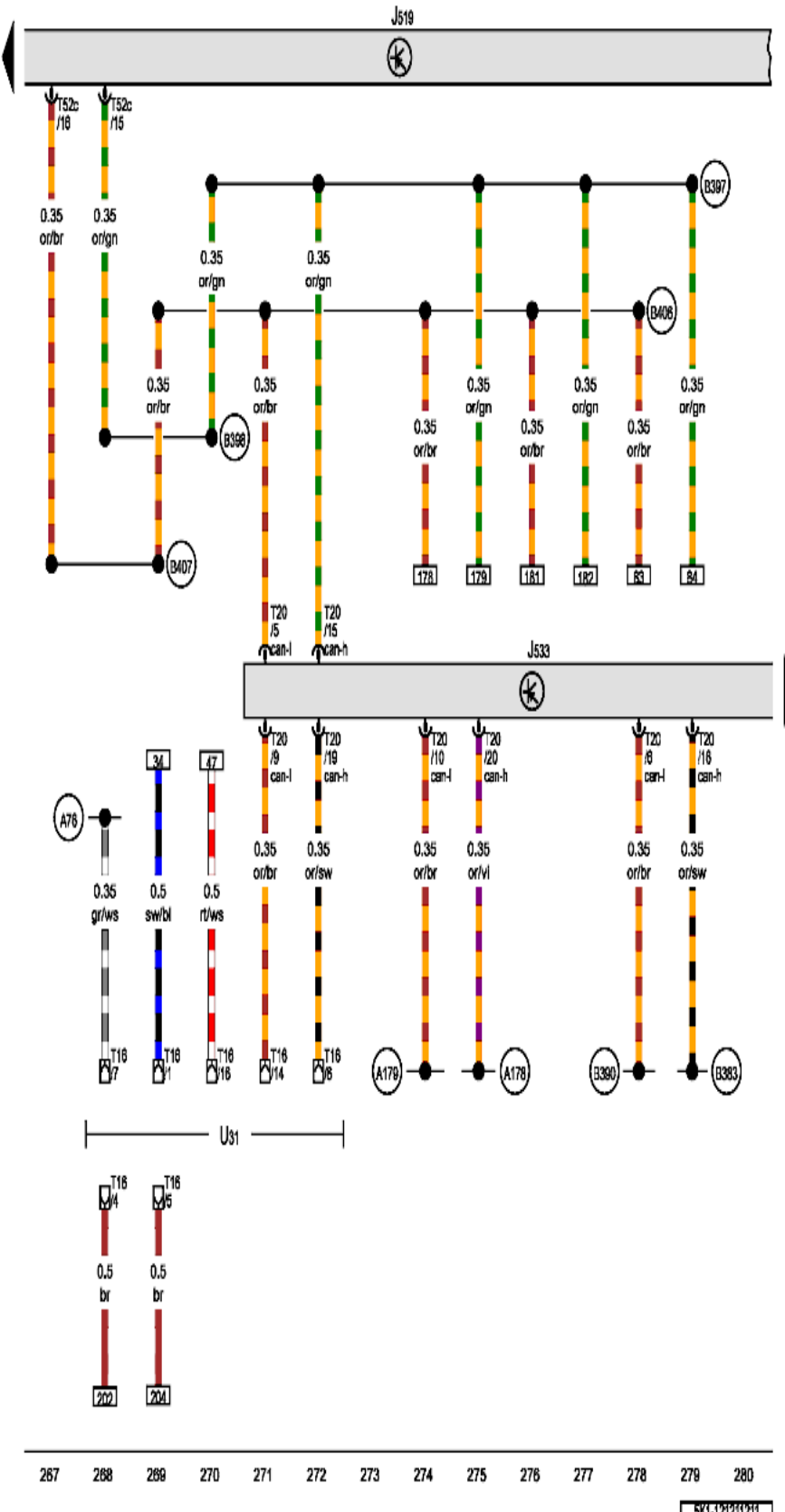
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 sw = black
 ro = red
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 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

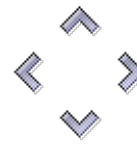
Wiring Diagram

No. 121 / 21

Data bus on board diagnostic interface, Diagnostic connection



- J519 - Vehicle electrical system control module
- J533 - Data bus on board diagnostic interface, in the left footwell, near the center console
- T16 - 16-pin connector, under the instrument panel, left
- T20 - 20-pin connector
- T52c - 52-pin connector
- U31 - Diagnostic connection
- A76 - KS-diagnostic lead connection (in instrument panel wiring harness)
- A178 - Infotainment CAN bus high connection (in instrument panel wiring harness)
- A179 - Infotainment CAN bus low connection (in instrument panel wiring harness)
- B383 - Powertrain CAN bus high connection 1 (in main wiring)



B390 - Powertrain
CAN bus low
connection 1
(in main
wiring
harness)



B397 - Comfort
system CAN
bus high
connection 1
(in main
wiring
harness)

B398 - Comfort
system CAN
bus high
connection 2
(in main
wiring
harness)

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

B406 - Comfort
system CAN
bus low
connection 1
(in main
wiring
harness)



B407 - Comfort
system CAN
bus low
connection 2
(in main
wiring
harness)

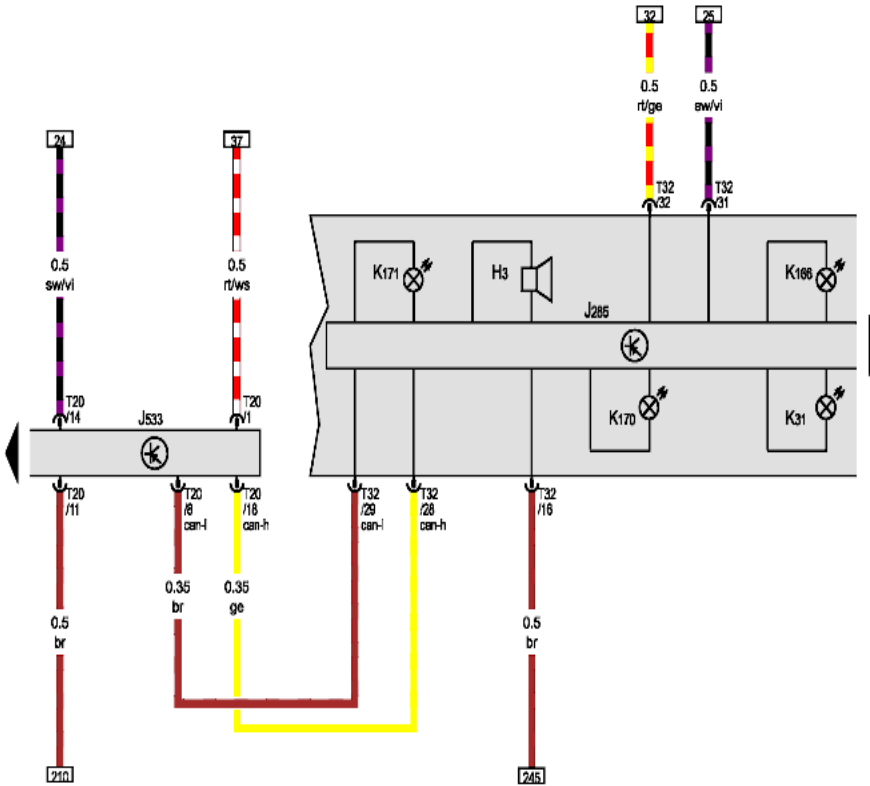
Golf

Wiring Diagram

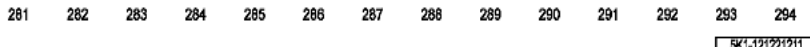
No. 121 / 22

Warning buzzer and tone, Instrument cluster control module, Data bus on board diagnostic interface, Cruise control indicator lamp, Door ajar indicator lamp, Lamp failure indicator lamp, Hood -open-indicator lamp

- H3 - Warning buzzer and tone
- J285 - Instrument cluster control module 
- J533 - Data bus on board diagnostic interface, in the left footwell, near the center console 
- K31 - Cruise control indicator lamp
- K166 - Door ajar indicator lamp
- K170 - Lamp failure indicator lamp
- K171 - Hood -open-indicator lamp
- T20 - 20-pin connector
- T32 - 32-pin connector



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink



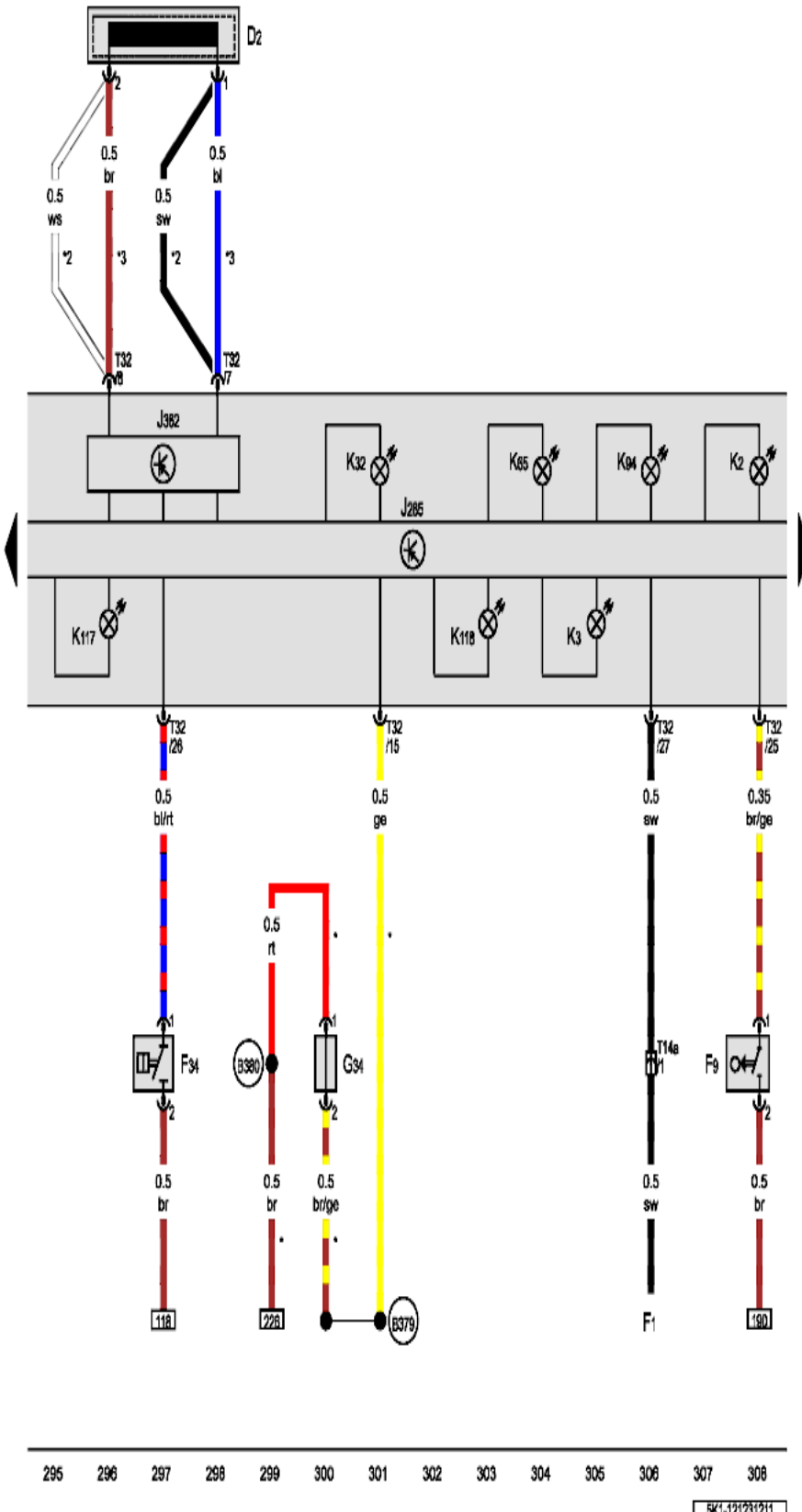
Golf

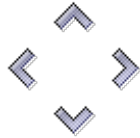




Wiring Diagram

No. 121 / 23

Anti-theft immobilizer reader coil, Parking brake indicator lamp switch, Brake fluid level warning switch, Left front brake pad wear sensor, Instrument cluster control module, Anti-theft immobilizer indicator lamp

- D2 - Anti-theft immobilizer reader coil
- F1 - Oil pressure switch
- F9 - Parking brake indicator lamp switch
- F34 - Brake fluid level warning switch
- G34 - Left front brake pad wear sensor
- J285 - Instrument cluster control module
- J362 - Anti-theft immobilizer control module
- K2 - Generator indicator lamp
- K3 - Oil pressure indicator lamp
- K32 - Brake pad wear indicator lamp
- K65 - Indicator lamp for left turn signal
- K94 - Right turn signal indicator lamp
- K117 - Anti-theft immobilizer indicator lamp
- K118 - Brake



		system indicator lamp
	T14a	- 14-pin connector, near the battery 
	T32	- 32-pin connector
	B379	- Brake wear indicator connection 1 (in main wiring harness)
		- Brake wear indicator connection 2 (in main wiring harness)
		
	B380	- Only for vehicles with brake pad wear indicator
	*	- only for vehicles with access/start authorization system
	*2	- Only for vehicles without access/start authorization system
	*3	







- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

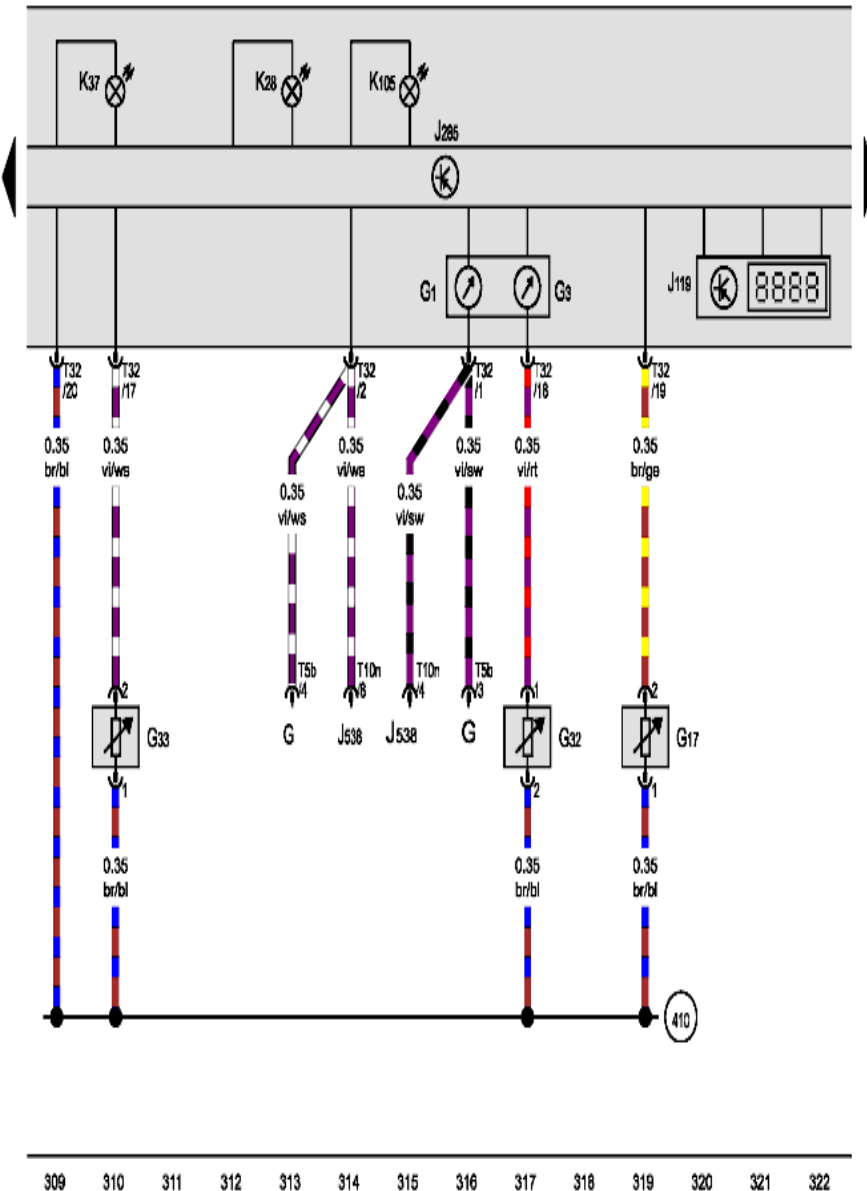
Golf

Wiring Diagram

No. 121 / 24

Fuel gauge, Engine coolant temperature gauge, Outside air temperature sensor, Engine coolant level sensor, Windshield washer fluid level sensor, Multifunction indicator, Instrument cluster control module

- G - Fuel level sensor 
- G1 - Fuel gauge
- G3 - Engine coolant temperature gauge
- G17 - Outside air temperature sensor 
- G32 - Engine coolant level sensor 
- G33 - Windshield washer fluid level sensor
- J119 - Multifunction indicator
- J285 - Instrument cluster control module 
- J538 - Fuel pump control module  
- K28 - Engine coolant level/temperature indicator lamp
- K37 - Windshield washer fluid level indicator lamp
- K105 - Low fuel level indicator lamp
- T5b - 5-pin connector
- T10n - 10-pin connector
- T32 - 32-pin connector
- 410 - Sensor ground connection 1 (in main)



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

wiring
harness)



Golf


Wiring Diagram

No. 121 / 25

Tachometer, Speedometer, Instrument cluster control module, High beam indicator lamp, Parking lamp indicator lamp, Rear fog lamp indicator lamp, Engine electronics indicator lamp, Odometer display

G5 - Tachometer
G21 - Speedometer

J245- Power sunroof control module  


J285 - Instrument cluster control module 

K1 - High beam indicator lamp

K4 - Parking lamp indicator lamp

K13 - Rear fog lamp indicator lamp

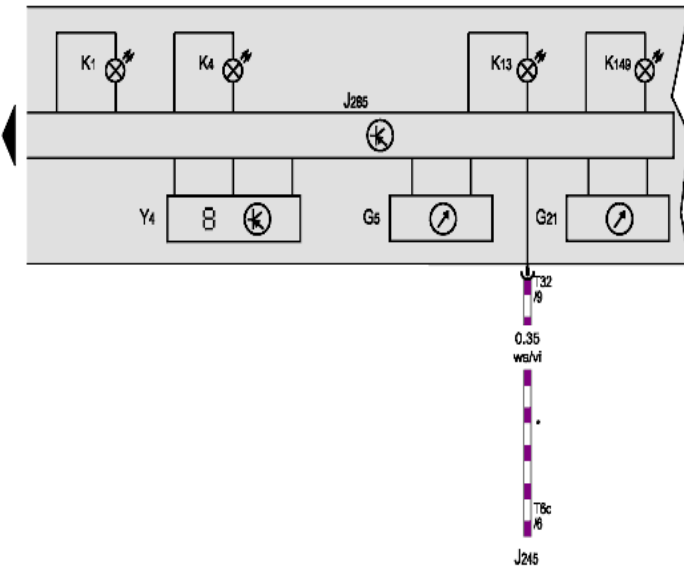
K149 - Engine electronics indicator lamp

T6c - 6-pin connector 

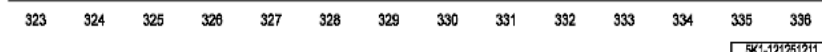
T32 - 32-pin connector

Y4 - Odometer display

* - Speed signal



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink



Golf

Wiring Diagram

No. 92 / 1

07.2010

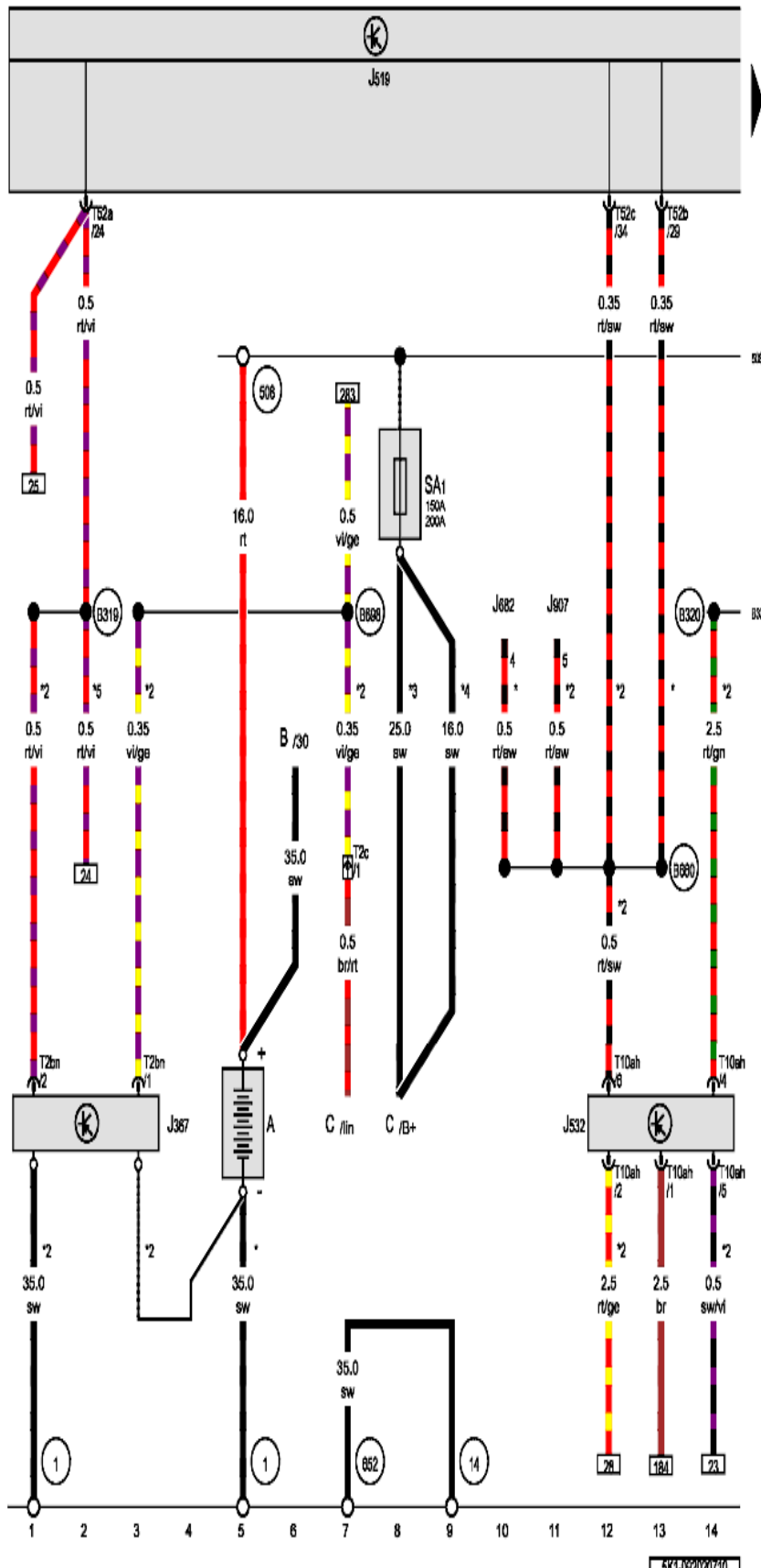
Standard equipment

From May 2010

Golf

Wiring Diagram

No. 92 / 2



- Battery, Battery monitoring control module, Voltage stabilizer, Fuse 1 (on fuse panel A)**
- A - Battery
- B - Starter
- C - Generator
- J367 - Battery monitoring control module
- J519 - Vehicle electrical system control module
- J532 - Voltage stabilizer
- J682 - Terminal 50 power supply relay
- J907 - Starter relay 2
- SA1 - Fuse 1 (on fuse panel A)
- T2bn - Double connector
- T2c - Double connector, near the starter
- T10ah - 10-pin connector
- T52a - 52-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- 1 - Ground strap, battery to body
- 14 - Ground connection on transmission
- 508 - Terminal 30 threaded connection (on E-box)
- 652 - Transmission/engine ground connection
- B319 - Positive connection 5 (30a) (in main wiring harness)
- Positive



B320 connection 6 (30a) (in main wiring harness)



B660 - Diagnostic terminal 50 connection (in main wiring harness)



B698 - LIN bus connection 3 (in main wiring harness)

* - Only for vehicles without Start/Stop system

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

*2 - Only for vehicles with Start/Stop system

*3 - Only for vehicles with a generator (140 A)

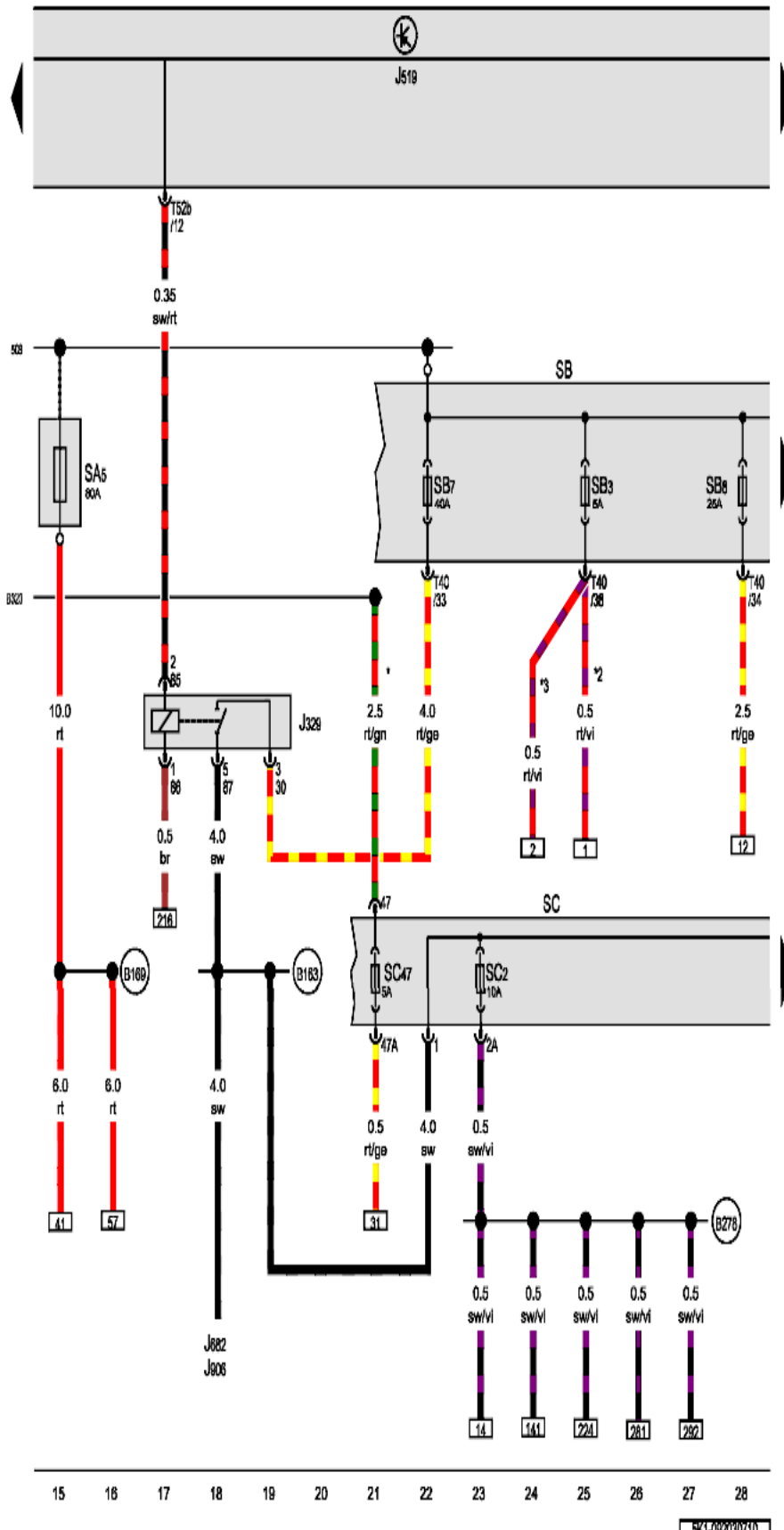
*4 - Only for vehicles with 90 A/120 A generator

*5 - From May 2009

Golf

Wiring Diagram

No. 92 / 3



- Terminal 15 power supply relay, Fuse panel B, Fuse panel C, Fuse 5 (on fuse panel A)**
- J329 - Terminal 15 power supply relay
 - J519 - Vehicle electrical system control module
 - J682 - Terminal 50 power supply relay
 - J906 - Starter relay 1
 - SB - Fuse panel B
 - SC - Fuse panel C
 - SC2 - Fuse 2 (on fuse panel C)
 - SB3 - Fuse 3 (on fuse panel B)
 - SA5 - Fuse 5 (on fuse panel A)
 - SB7 - Fuse 7 (on fuse panel B)
 - SB8 - Fuse 8 (on fuse panel B)
 - SC47 - Fuse 47 (on fuse panel C)
 - T40 - 40-pin connector
 - T52b - 52-pin connector
 - 508 - Terminal 30 threaded connection (on E-box)
 - B163 - Positive connection 1 (15) (in interior wiring harness)
 - B169 - Positive connection 1



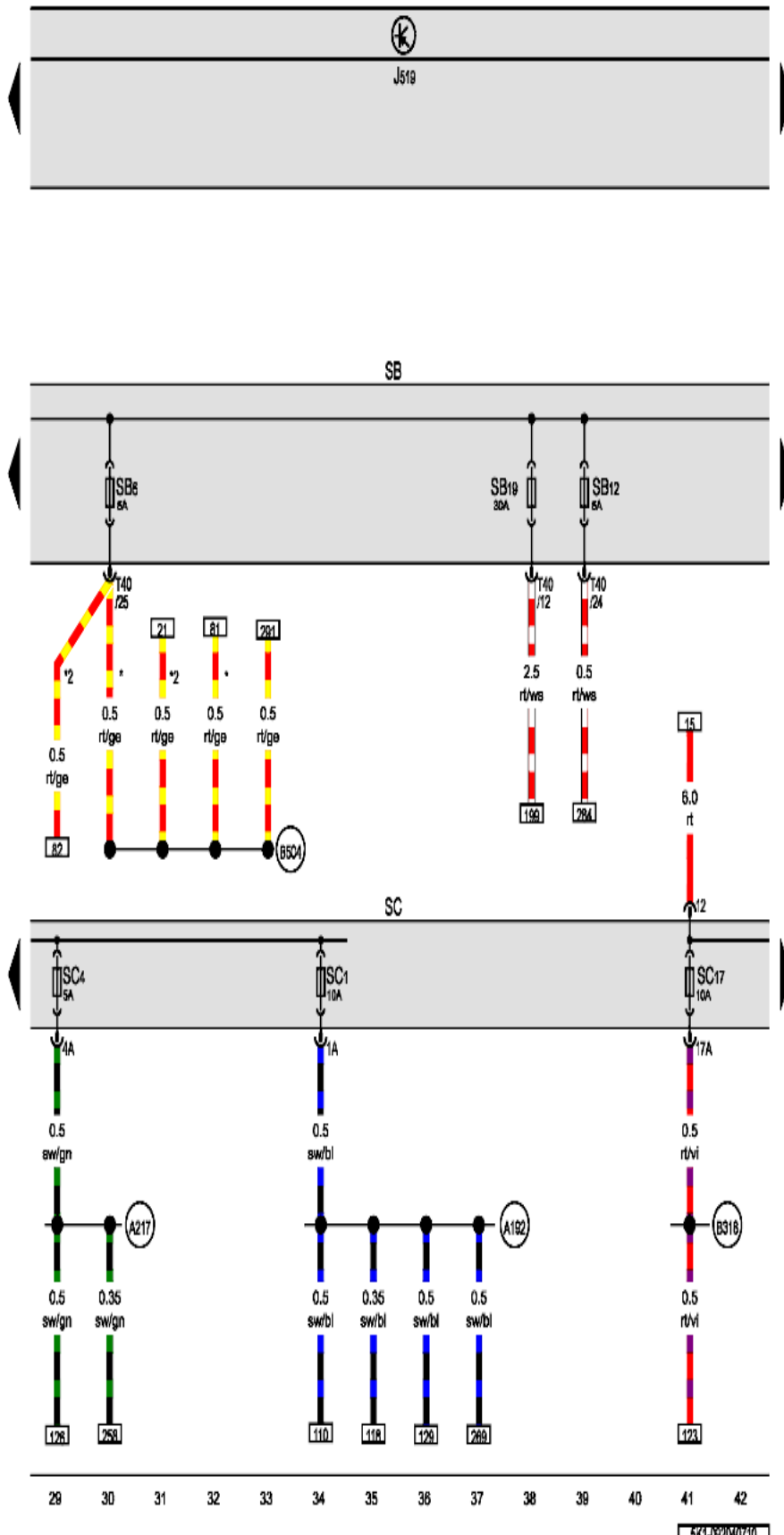
(30) (in interior wiring harness)
B278 - Positive connection 2 (15a) (in main wiring harness)
B320 - Positive connection 6 (30a) (in main wiring harness)
* - Only for vehicles with Start/Stop system
*2 - Through April 2009
*3 - From May 2009

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

Golf

Wiring Diagram

No. 92 / 4



Fuse panel B, Fuse panel C

- J519 - Vehicle electrical system control module
- SB - Fuse panel B
- SC1 - Fuse 1 (on fuse panel C)
- SC4 - Fuse 4 (on fuse panel C)
- SB6 - Fuse 6 (on fuse panel B)
- SB12 - Fuse 12 (on fuse panel B)
- SC17 - Fuse 17 (on fuse panel C)
- SB19 - Fuse 19 (on fuse panel B)
- SC - Fuse panel C
- T40 - 40-pin connector
- A192 - Positive connection 3 (15a) (in instrument panel wiring harness)
- A217 - Positive connection 8 (15a) (in instrument panel wiring harness)
- B318 - Positive connection 4 (30a) (in main wiring harness)
- B504 - Positive connection 8 (30a) (in interior wiring harness)



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow

or = orange
rs = pink

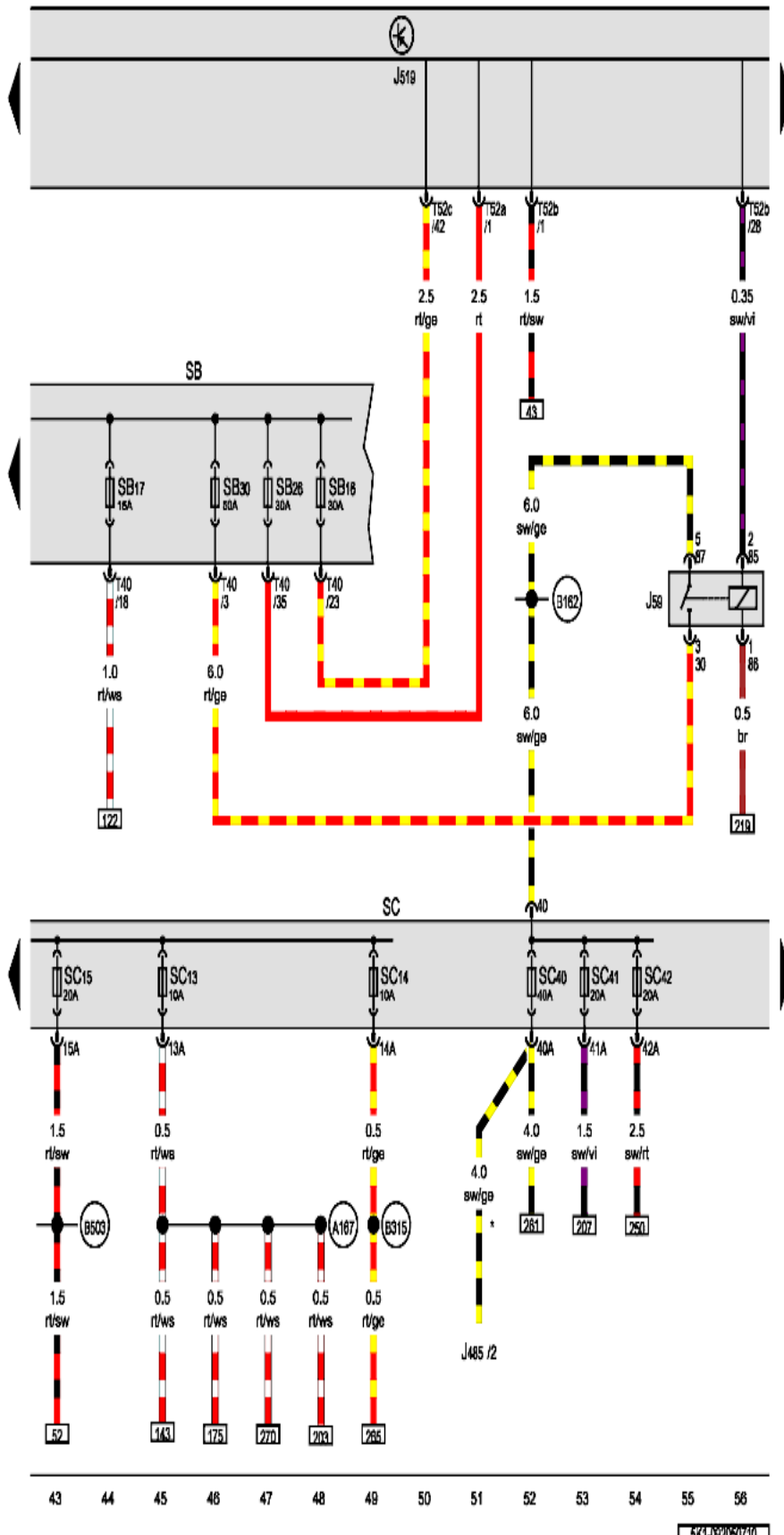
*2

without
Start/Stop
system
- Only for
vehicles with
Start/Stop
system

Golf

Wiring Diagram

No. 92 / 5



Load reduction relay, Fuse panel B, Fuse panel C

- J59 - Load reduction relay
- J485 - Auxiliary heater operation relay
- J519 - Vehicle electrical system control module
- SB - Fuse panel B
- SC13 - Fuse 13 (on fuse panel C)
- SC14 - Fuse 14 (on fuse panel C)
- SC15 - Fuse 15 (on fuse panel C)
- SB16 - Fuse 16 (on fuse panel B)
- SB17 - Fuse 17 (on fuse panel B)
- SB26 - Fuse 26 (on fuse panel B)
- SB30 - Fuse 30 (on fuse panel B)
- SC - Fuse panel C
- SC40 - Fuse 40 (on fuse panel C)
- SC41 - Fuse 41 (on fuse panel C)
- SC42 - Fuse 42 (on fuse panel C)
- T40 - 40-pin connector
- T52a - 52-pin connector
- T52b - 52-pin connector



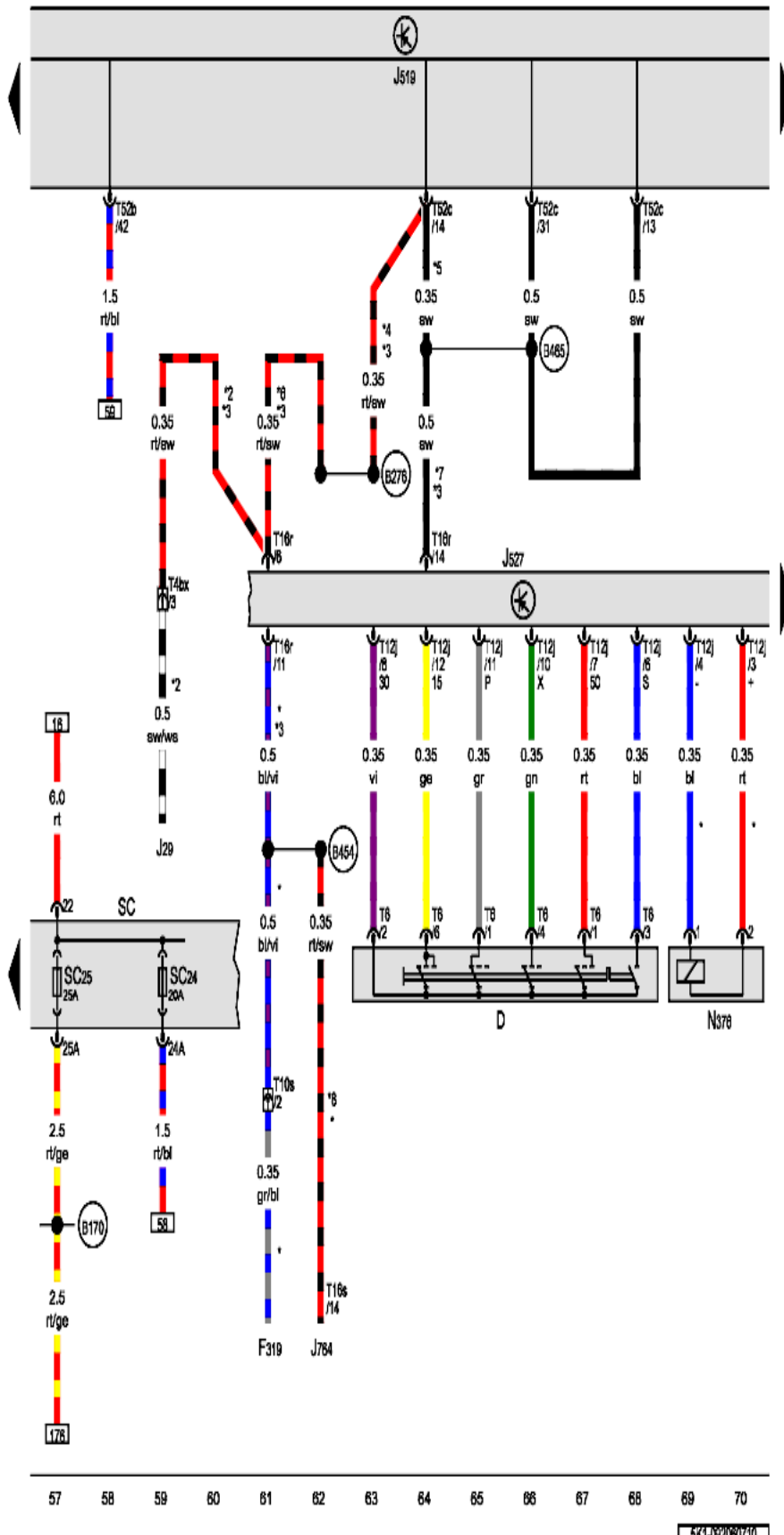
- T52c - connector
- 52-pin connector
- A167 - Positive connection 3 (30a) (in instrument panel wiring harness)
- B162 - Connection (75a) (in interior wiring harness)
- B315 - Positive connection 1 (30a) (in main wiring harness)
- B503 - Positive connection 7 (30a) (in interior wiring harness)
- * - Only for vehicles with auxiliary water heater








ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 92 / 6



- Ignition/starter switch, Steering column electronics control module, Ignition switch key lock solenoid, Fuse panel C**
- D - Ignition/starter switch
- F319 - Selector lever park position lock switch 
- J29 - Blocking diode
- J519 - Vehicle electrical system control module 
- J527 - Steering column electronics control module 
- J764 - Electronic steering column lock control module 
- N376 - Ignition switch key lock solenoid, on the ignition/starter switch
- SC - Fuse panel C 
- SC24 - Fuse 24 (on fuse panel C) 
- SC25 - Fuse 25 (on fuse panel C) 
- T2 - Double connector
- T4bx - 4-pin connector, near the lower left A-pillar
- T6 - 6-pin connector
- T10s - 10-pin connector, under the

- selector lever
- T12j - 12-pin connector
- T16r - 16-pin connector
- T16s - 16-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- B170 - Positive connection 2 (30) (in interior wiring harness)
- B276 - Positive connection (50) (in main wiring harness)
- B454 - Shift lock connection (in main wiring harness)
- B465 - Connection 1 (in main wiring harness)
- * - Only for vehicles with DSG transmission
- *2 - only for vehicles with driving assistance special equipment
- *3 - Only for vehicles without access/start authorization system
- *4 - Only for vehicles without Start/Stop system
- *5 - Only for vehicles with Start/Stop system
- *6 - only for vehicles without driving assistance



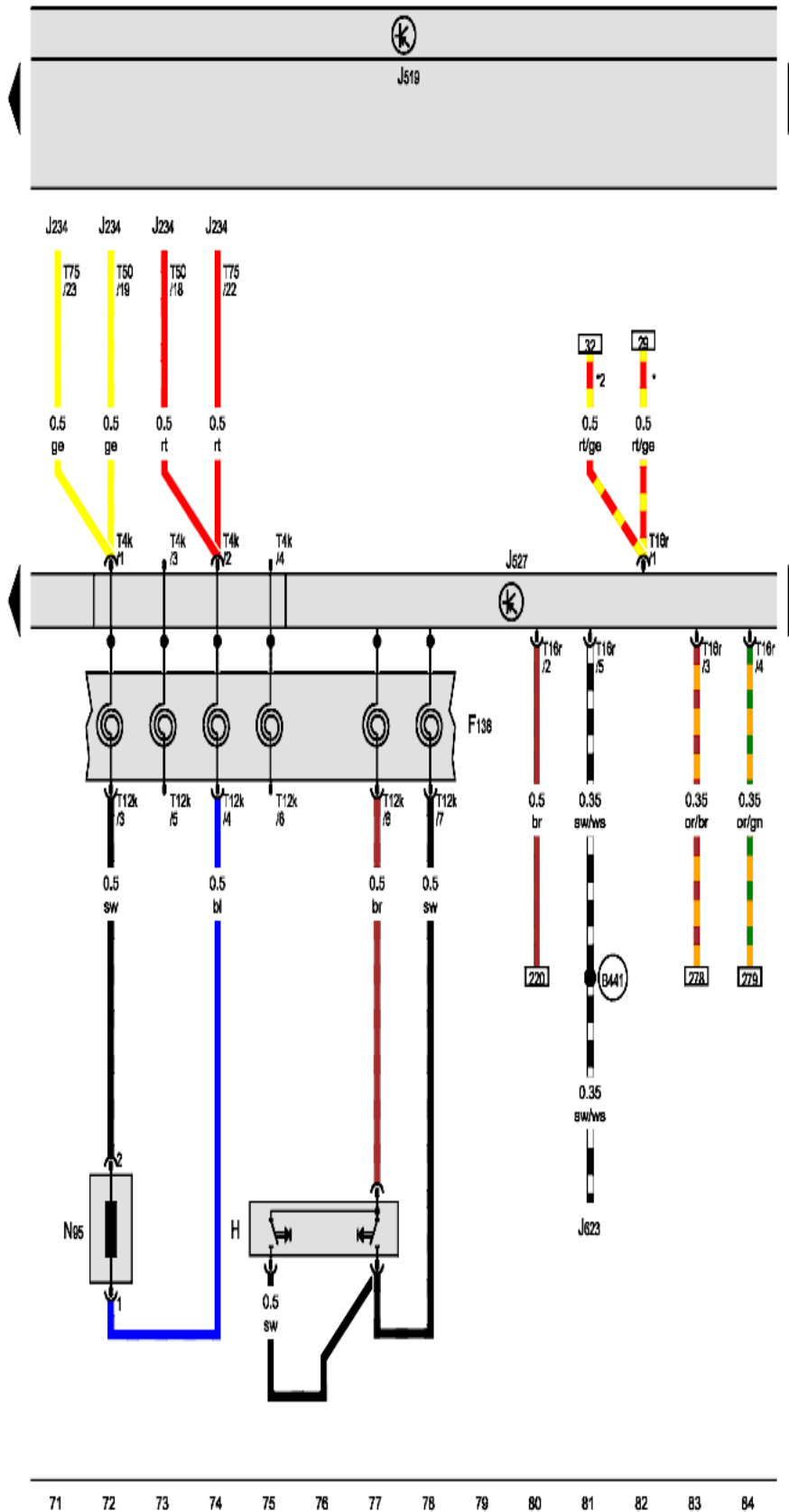
ws = white
 sw = black
 ro = red

rt = red		special
br = brown		equipment
gn = green	*7	- only for
bl = blue		vehicles
gr = grey		without
li = lilac		police
vi = lilac		special
ge = yellow		equipment
or = orange		
rs = pink	*8	- only for
		vehicles with
		access/start
		authorization
		system

Golf

Wiring Diagram

No. 92 / 7



- Signal horn activation, Steering column electronics control module, Driver airbag igniter**
- F138 - Airbag spiral spring/return spring with slip ring
- H - Signal horn activation
- J234 - Airbag control module
- J519 - Vehicle electrical system control module
- J527 - Steering column electronics control module
- J623 - Engine control module
- N95 - Driver airbag igniter
- T4k - 4-pin connector
- T10x - 10-pin connector
- T12k - 12-pin connector
- T16r - 16-pin connector
- T50 - 50-pin connector
- T75 - 75-pin connector
- B441 - Cruise control connection (in main wiring harness)
- * - Only for vehicles with Start/Stop system
- *2 - Only for vehicles without Start/Stop system



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

71 72 73 74 75 76 77 78 79 80 81 82 83 84

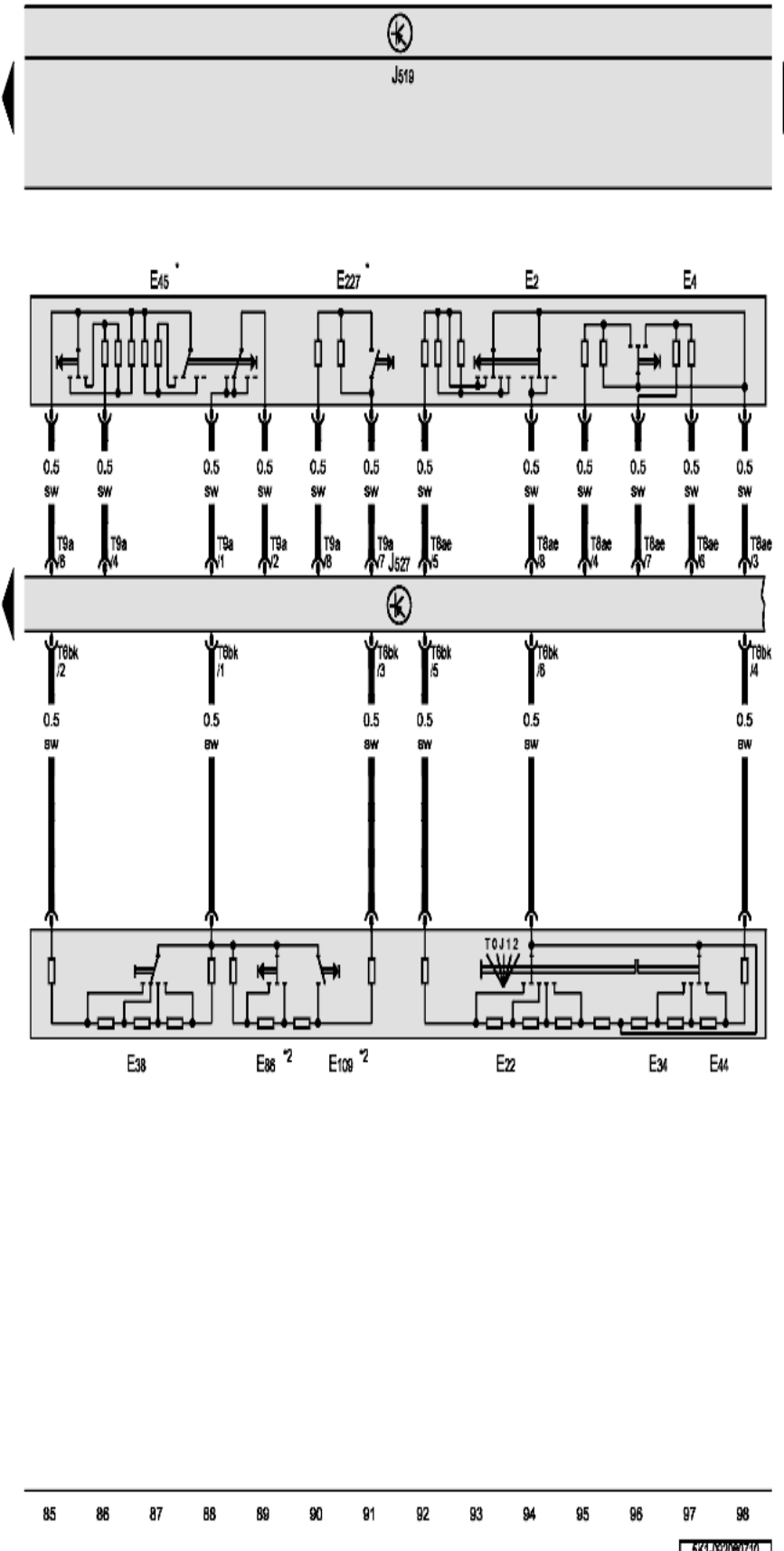
Golf

Wiring Diagram

No. 92 / 8



Turn signal switch, Headlamp dimmer/flasher switch, Windshield wiper intermittent mode switch, Rear window wiper switch, Windshield wiper intermittent regulator, Windshield and headlamp washer pump switch, Cruise control switch, Multifunction indicator selection switch, Multifunction indicator memory switch, Cruise control -SET- button, Steering column electronics control module

- E2 - Turn signal switch
- E4 - Headlamp dimmer/flasher switch
- E22 - Windshield wiper intermittent mode switch
- E34 - Rear window wiper switch
- E38 - Windshield wiper intermittent regulator
- E44 - Windshield and headlamp washer pump switch
- E45 - Cruise control switch
- E86 - Multifunction indicator selection switch
- E109 - Multifunction indicator memory switch
- E227 - Cruise control -SET- button



85 86 87 88 89 90 91 92 93 94 95 96 97 98

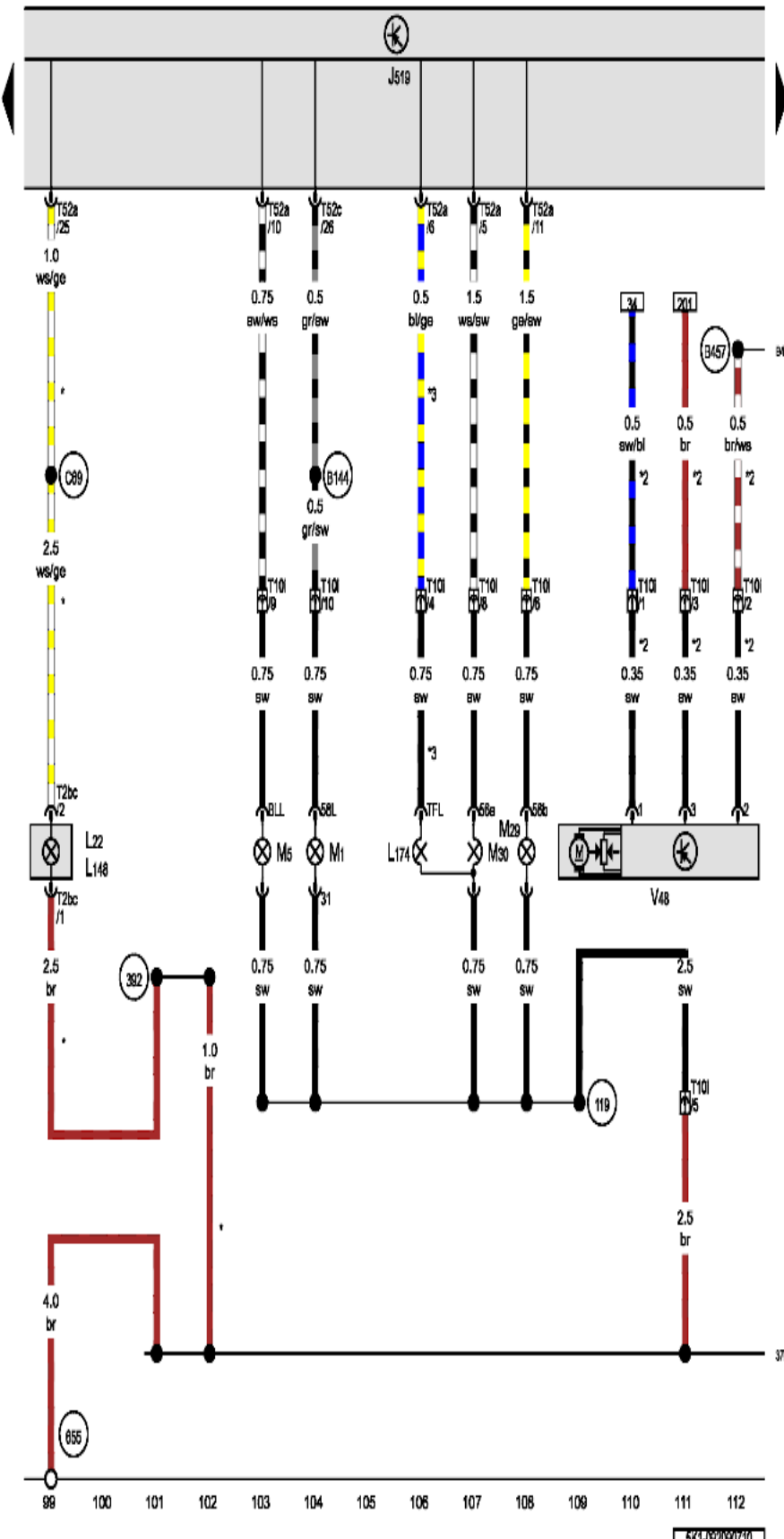
421.021001711

	J519	- Vehicle electrical system control module 
	J527	- Steering column electronics control module 
ws = white	T6bk	- 6-pin connector
sw = black	T8ae	- 8-pin connector
ro = red	T9a	- 9-pin connector
rt = red	*	- Only for vehicles with cruise control
br = brown	*2	- Only for vehicles with multifunction display
gn = green		
bl = blue		
gr = grey		
li = lilac		
vi = lilac		
ge = yellow		
or = orange		
rs = pink		

Golf

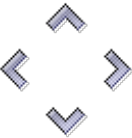



Wiring Diagram

No. 92 / 9



Left front fog lamp bulb, Left cornering lamp bulb, Left daytime running lamp bulb, Left side marker lamp bulb, Left front turn signal bulb, Left low beam headlamp bulb, Left high beam headlamp bulb, Left headlamp beam adjustment motor

- J519 - Vehicle electrical system control module
- L22 - Left front fog lamp bulb
- L148 - Left cornering lamp bulb
- L174 - Left daytime running lamp bulb
- M1 - Left side marker lamp bulb
- M5 - Left front turn signal bulb
- M29 - Left low beam headlamp bulb
- M30 - Left high beam headlamp bulb
- T2bc - Double connector
- T10i - 10-pin connector, on the left headlamp
- T52a - 52-pin connector
- T52c - 52-pin connector
- V48 - Left headlamp beam adjustment motor
- 119 - Ground connection 1

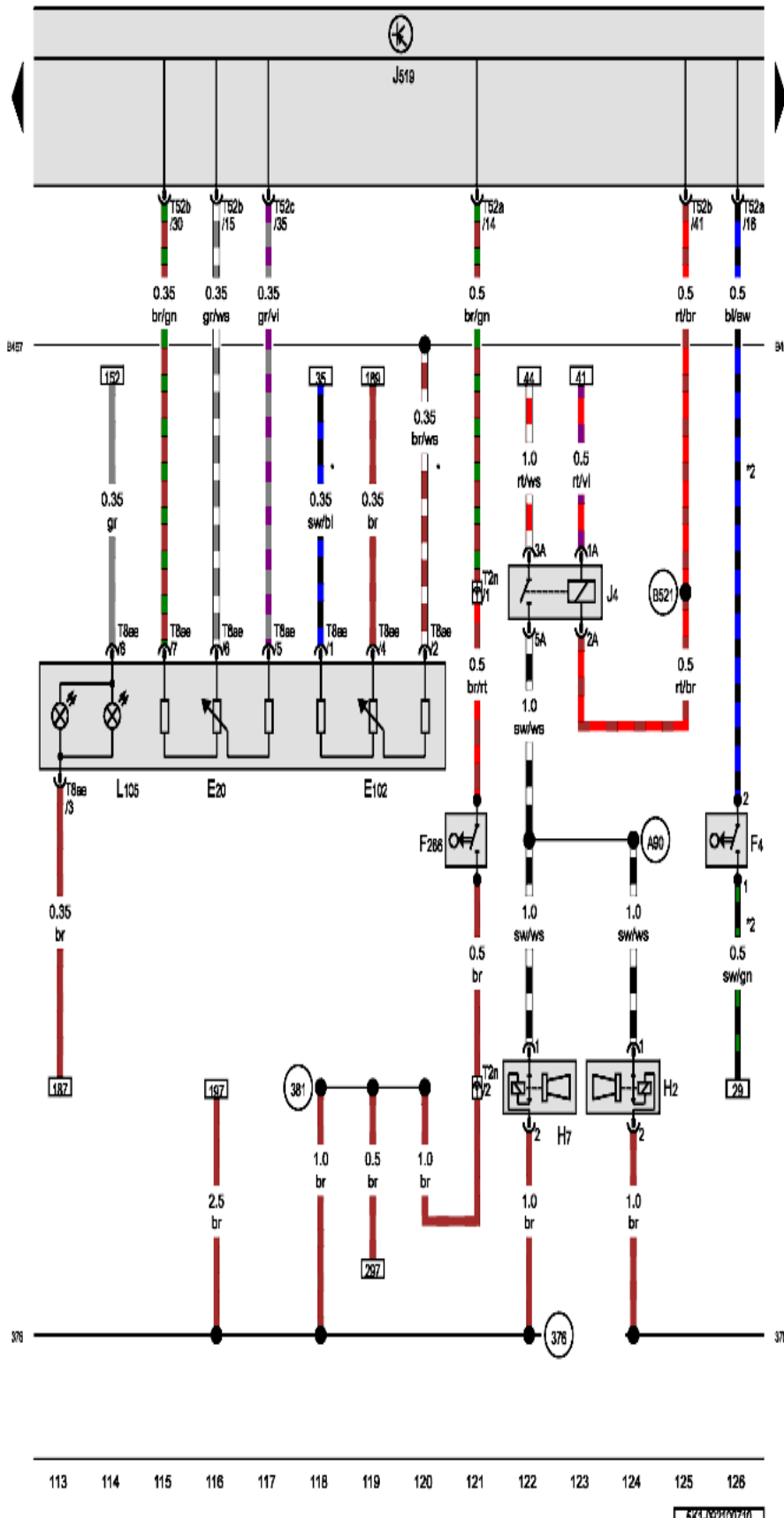
		(in headlamp wiring harness)
376	- Ground connection 11 (in main wiring harness)	
392	- Ground connection 27 (in main wiring harness)	
655	- Ground connection on left headlamp	
B144	- Positive connection (58L) (in interior wiring harness)	
B457	- Position sensor connection 1 (in main wiring harness)	 
C69	- Fog lamp connection (in left front wiring harness)	
	* - Only for vehicles with fog lamps	
	*2 - Only for vehicles without automatic headlamp range control	
	*3 - Only for vehicles with daytime running lamps	

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

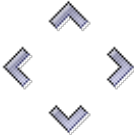

Wiring Diagram

No. 92 / 10



Instrument panel and switch illumination dimmer switch, Headlamp range control adjuster, Back-up lamp switch, Engine hood contact switch, High tone horn, Low tone horn, Dual tone horn relay

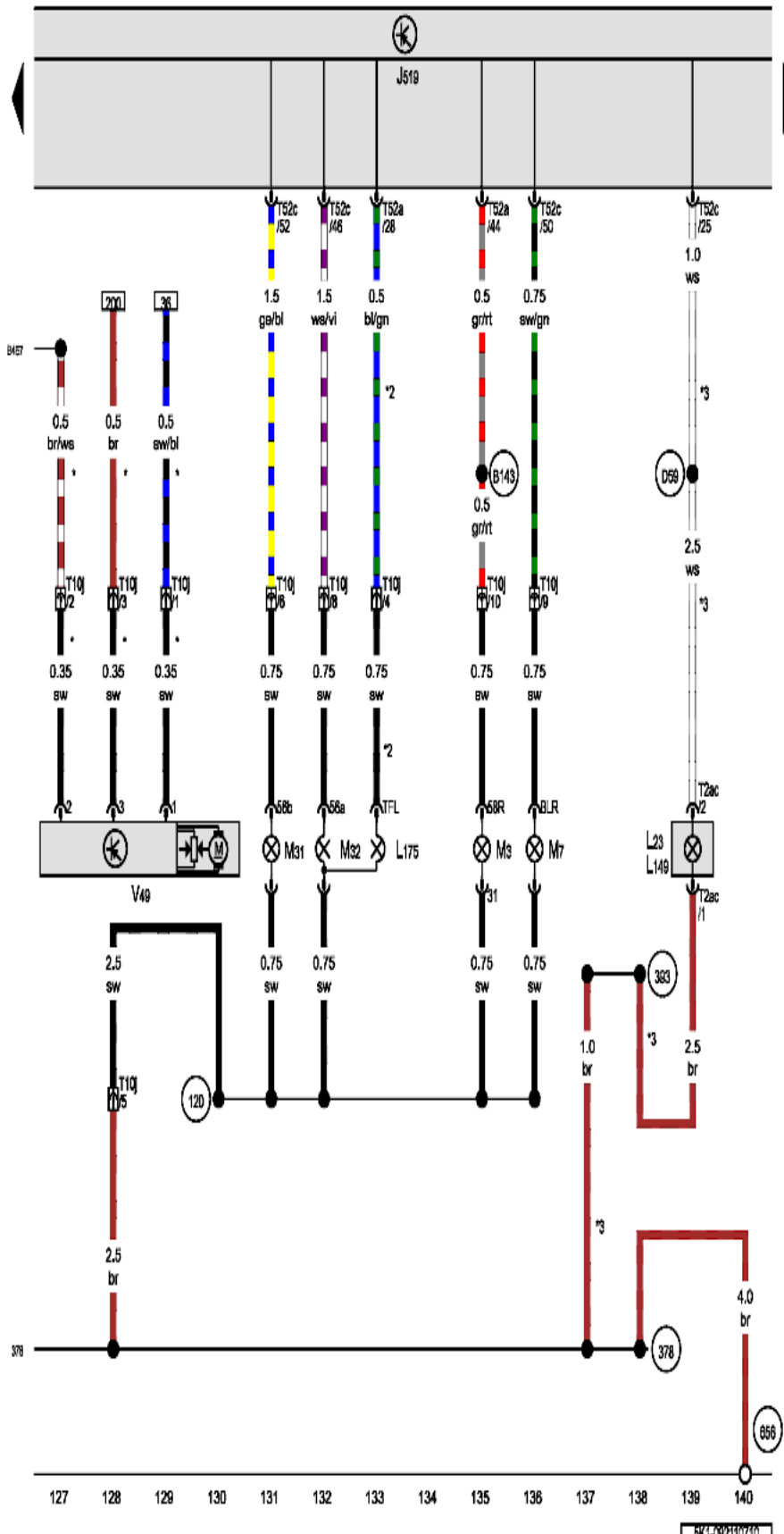
- E20 - Instrument panel and switch illumination dimmer switch
- E102 - Headlamp range control adjuster
- F4 - Back-up lamp switch
- F266 - Engine hood contact switch
- H2 - High tone horn
- H7 - Low tone horn
- J4 - Dual tone horn relay
- J519 - Vehicle electrical system control module
- L105 - Lighting control illumination bulb
- T2n - Double connector, near the left headlamp
- T8ae - 8-pin connector
- T52a - 52-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- 376 - Ground connection

		11 (in main wiring harness)
	378	- Ground connection 13 (in main wiring harness)
	381	- Ground connection 16 (in main wiring harness)
	A90	- Dual tone horn connection (in instrument panel wiring harness)
	B457	- Position sensor connection 1 (in main wiring harness)
	B521	- Dual tone horn connection (in main wiring harness)
ws = white sw = black ro = red rt = red br = brown gn = green bl = blue gr = grey li = lilac vi = lilac ge = yellow or = orange rs = pink	*	- Only for vehicles without automatic headlamp range control
	*2	- only for vehicles with dual clutch transmission

Golf

Wiring Diagram

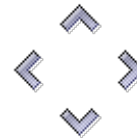
No. 92 / 11



Right front fog lamp bulb, Right cornering lamp bulb, Right side marker lamp bulb, Right front turn signal bulb, Right low beam headlamp bulb, Right high beam headlamp bulb, Right headlamp beam adjustment motor

- J519 - Vehicle electrical system control module
- L23 - Right front fog lamp bulb
- L149 - Right cornering lamp bulb
- L175 - Right daytime running lamp bulb
- M3 - Right side marker lamp bulb
- M7 - Right front turn signal bulb
- M31 - Right low beam headlamp bulb
- M32 - Right high beam headlamp bulb
- T2ac - Double connector
- T10j - 10-pin connector, on the right headlamp
- T52a - 52-pin connector
- T52c - 52-pin connector
- V49 - Right headlamp beam adjustment motor

- 120 - Ground connection 2 (in headlamp wiring harness)
- 378 - Ground connection 13 (in main wiring harness)
- 393 - Ground connection 28 (in main wiring harness)
- 656 - Ground connection on right headlamp
- B143 - Positive connection (58R) (in interior wiring harness)
- B457 - Position sensor connection 1 (in main wiring harness)
- D59 - Fog lamp connection (in engine compartment wiring harness)
- * - Only for vehicles without automatic headlamp range control
- *2 - Only for vehicles with daytime running lamps
- *3 - Only for vehicles with fog lamps

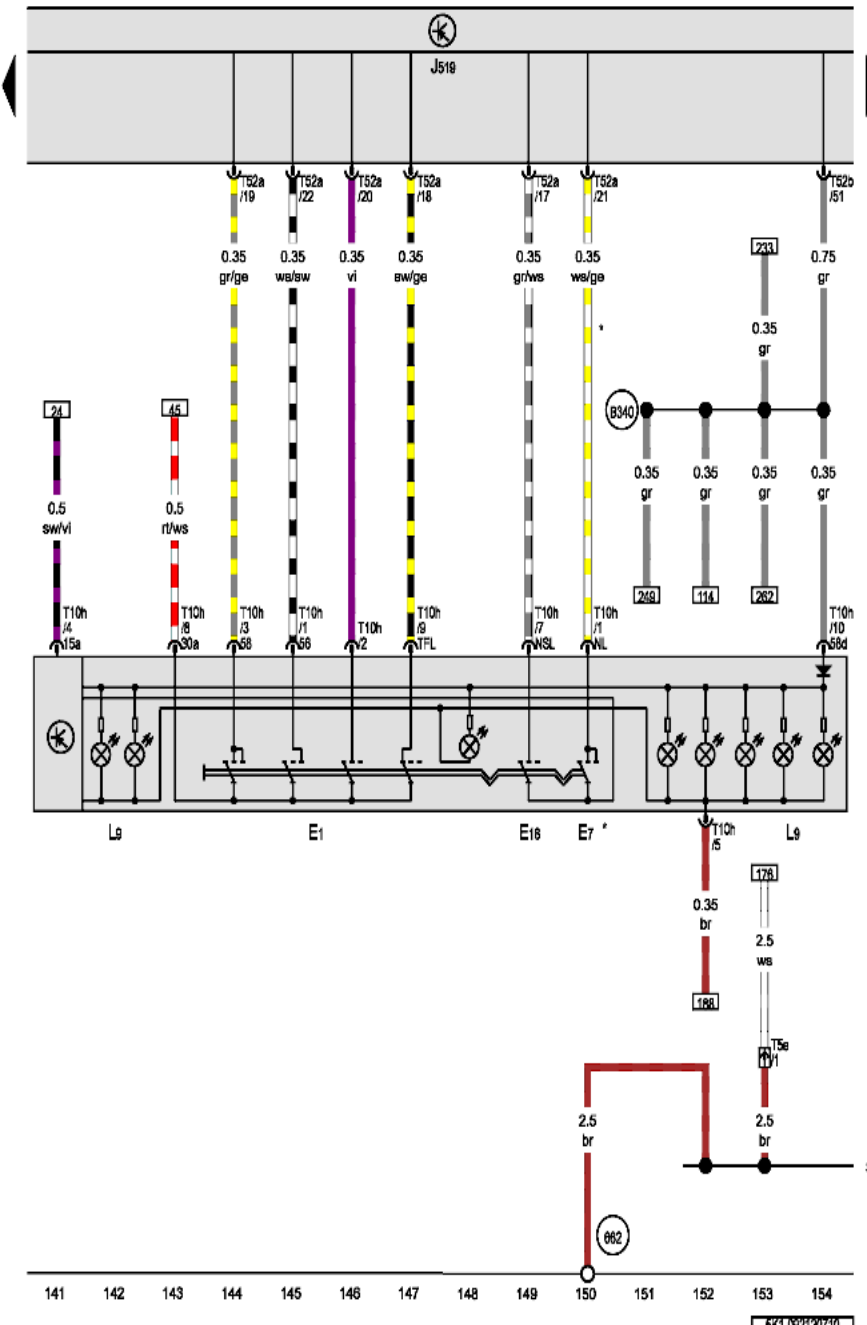


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 92 / 12



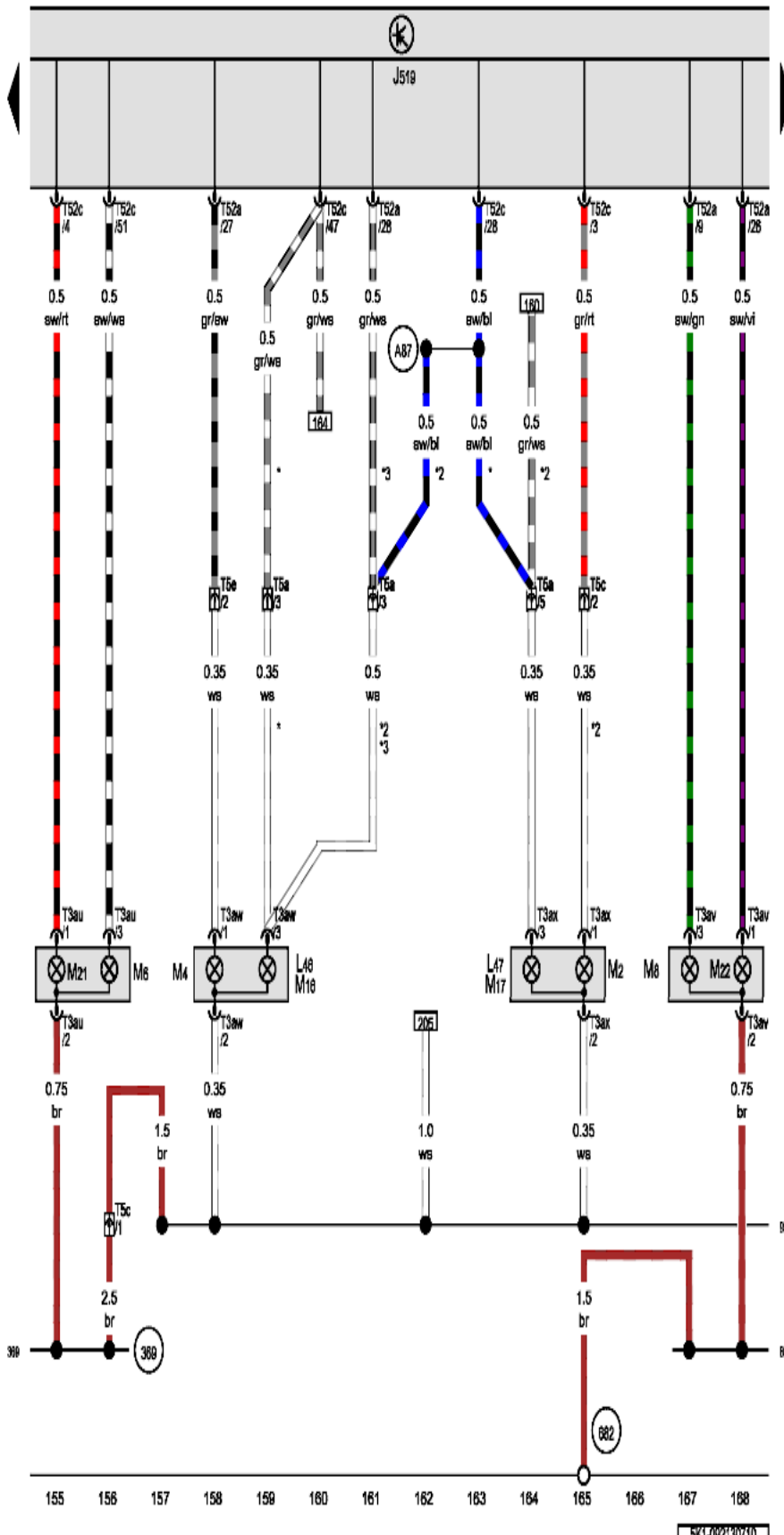
- Light switch, Fog lamp switch, Rear fog lamp switch**
- E1 - Light switch
- E7 - Fog lamp switch
- E18 - Rear fog lamp switch
- J519 - Vehicle electrical system control module
- L9 - Headlamp switch illumination bulb
- T5e - 5-pin connector, in the left rear side panel
- T10h - 10-pin connector
- T52a - 52-pin connector
- T52b - 52-pin connector
- 369 - Ground connection 4 (in main wiring harness)
- 662 - Ground connection in left rear side panel
- B340 - Connection 1 (58d) (in main wiring harness)
- * - Only for vehicles with fog lamps

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf






Wiring Diagram

No. 92 / 13



Left rear fog lamp bulb, Right rear fog lamp bulb, Right tail lamp bulb, Left tail lamp bulb, Left rear turn signal bulb, Right rear turn signal bulb, Left back-up lamp bulb, Right back-up lamp bulb, Left brake/tail lamp bulb, Right brake/tail lamp bulb

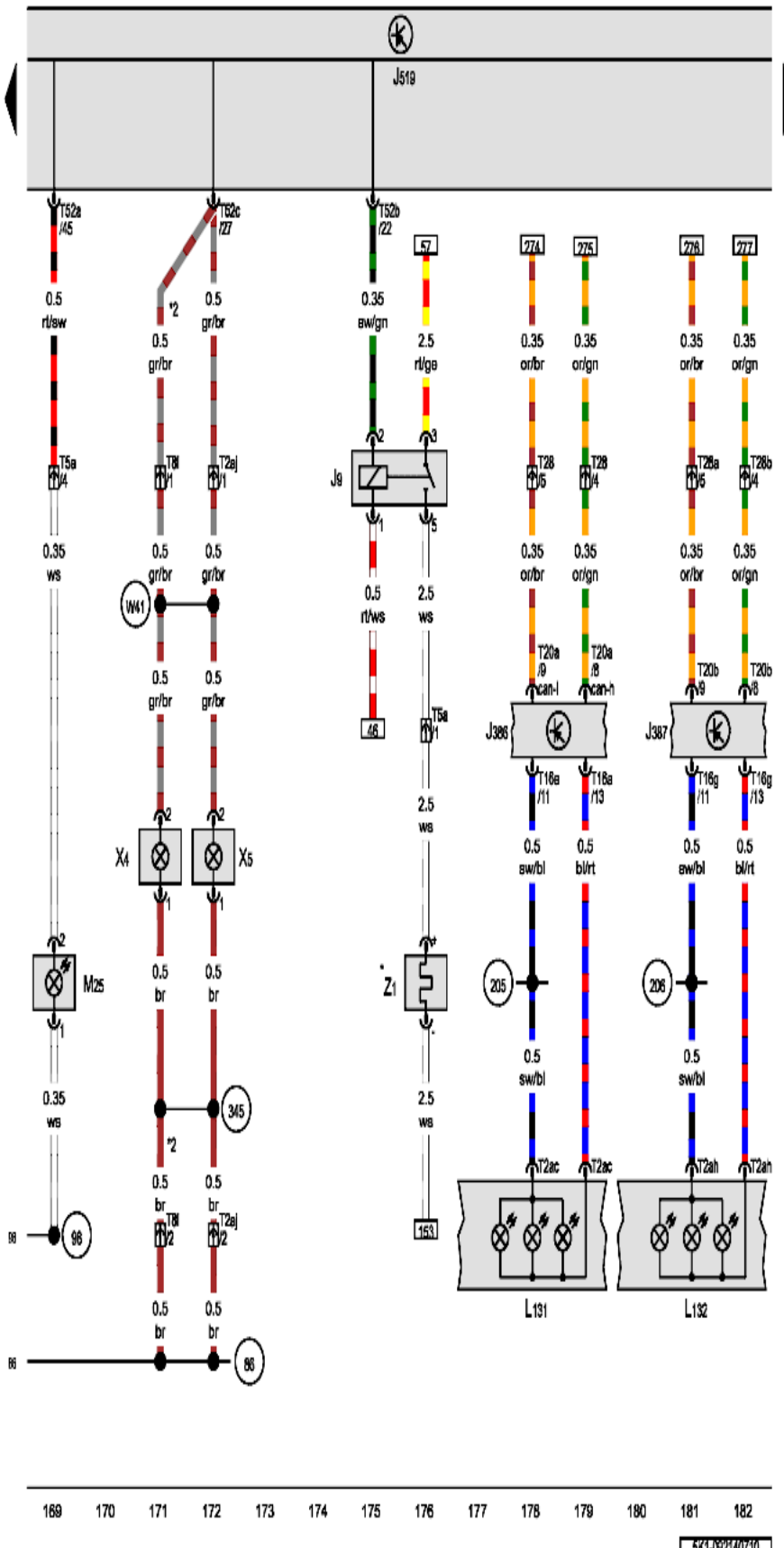
- J519 - Vehicle electrical system control module
- L46 - Left rear fog lamp bulb
- L47 - Right rear fog lamp bulb
- M2 - Right tail lamp bulb
- M4 - Left tail lamp bulb
- M6 - Left rear turn signal bulb
- M8 - Right rear turn signal bulb
- M16 - Left back-up lamp bulb
- M17 - Right back-up lamp bulb
- M21 - Left brake/tail lamp bulb
- M22 - Right brake/tail lamp bulb
- T3au - 3-pin connector
- T3av - 3-pin connector
- T3aw - 3-pin connector
- T3ax - 3-pin connector
- T5a - 5-pin connector, in the left rear side panel
- T5c - 5-pin connector, in

		the left rear side panel 
T5e		- 5-pin connector, in the left rear side panel 
T52a		- 52-pin connector
T52c		- 52-pin connector
86		- Ground connection 1 (in rear wiring harness)
98		- Ground connection (in rear lid wiring harness)
369	  	- Ground connection 4 (in main wiring harness)
682		- Ground connection 2 in right rear side panel
A87		- Back-up lamp connection (in instrument panel wiring harness)
	ws = white sw = black ro = red rt = red br = brown gn = green bl = blue gr = grey li = lilac vi = lilac ge = yellow or = orange rs = pink	* - Only for left-hand drive vehicles
		*2 - Only for right-hand drive vehicles
		*3 - Only for vehicles without rear fog lamps






Golf

Wiring Diagram

No. 92 / 14



- Rear window defogger relay,
- Driver exterior rearview mirror turn signal bulb, Front passenger exterior rearview mirror turn signal bulb, High-mounted brake lamp bulb, Left license plate lamp, Right license plate lamp, Rear window defogger
- J9 - Rear window defogger relay
- J386- Driver door control module
- J387- Front passenger door control module
- J519 - Vehicle electrical system control module
- L131 - Driver exterior rearview mirror turn signal bulb
- L132 - Front passenger exterior rearview mirror turn signal bulb
- M25 - High-mounted brake lamp bulb
- T2ac - Double connector
- T2ah - Double connector
- T2aj - Double connector, under the right rear bumper
- T5a - 5-pin connector, in the left rear side panel

- panel 
- T8l - 8-pin connector 
- T16a - 16-pin connector
- T16g - 16-pin connector
- T20a - 20-pin connector
- T20b - 20-pin connector
- T28 - 28-pin connector, in the left A-pillar connector station 
- T28a - 28-pin connector, in the connector station, right A-pillar 
- T28b - 28-pin connector, in the connector station, right A-pillar 
- T52a - 52-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- X4 - Left license plate lamp
- X5 - Right license plate lamp
- Z1 - Rear window defogger
- 86 - Ground connection 1 (in rear wiring harness)
- 98 - Ground connection (in rear lid wiring harness)
- 205 - Ground connection (in driver door wiring harness)
- 206 - Ground connection





(in front passenger door wiring harness)

345 - Ground connection (in bumper wiring harness)

W41 - Positive connection (58) (in license plate lamp wiring harness)

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

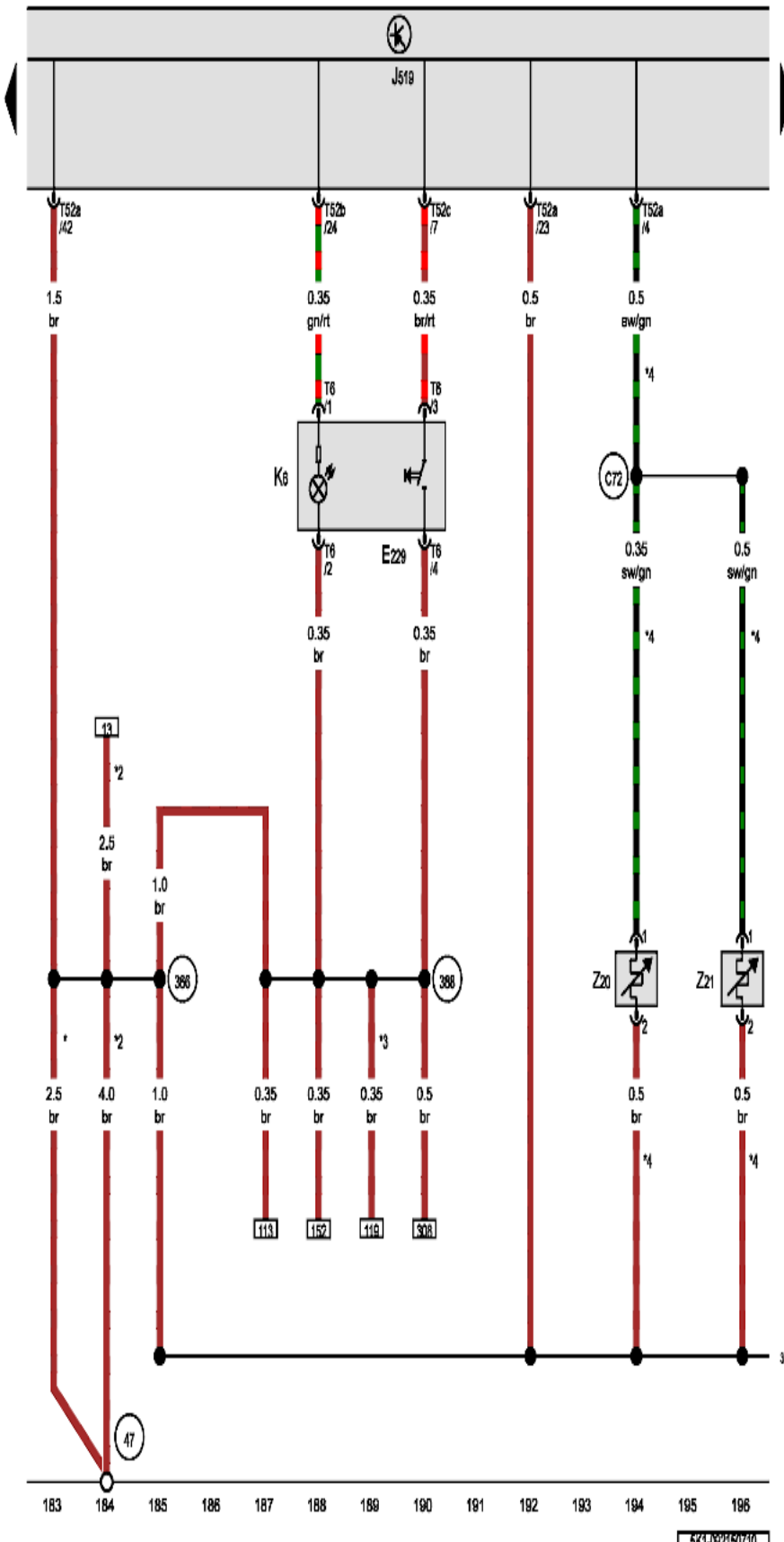
* - Refer to applicable wiring diagram for radio/radio navigation system

*2 - Only for vehicles with park distance control (PDC)

Golf

Wiring Diagram

No. 92 / 15



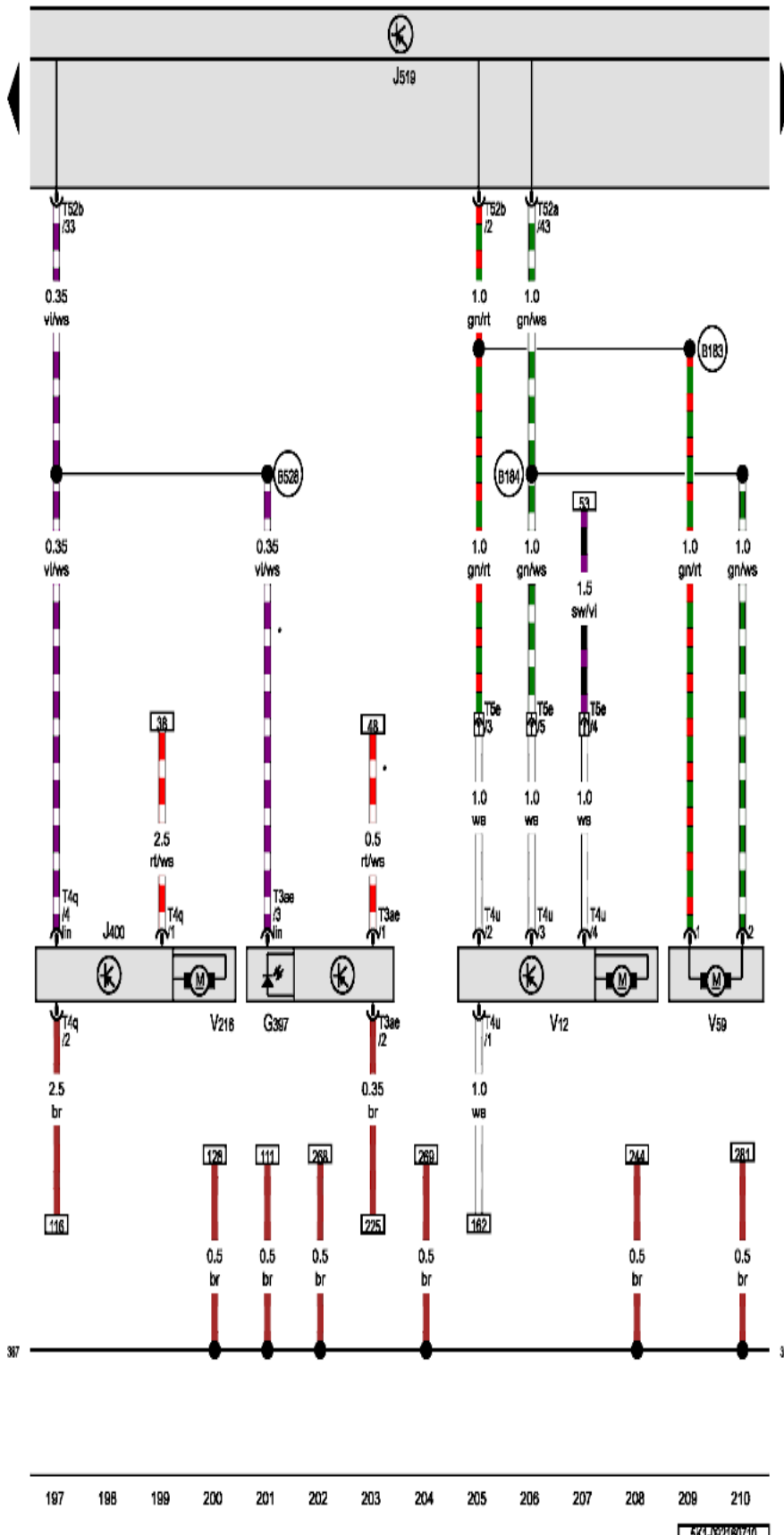
- Emergency flasher button, Left washer nozzle heater, Right washer nozzle heater**
- E229 - Emergency flasher button
- J519 - Vehicle electrical system control module
- K6 - Emergency flasher indicator lamp
- T6 - 6-pin connector
- T52a - 52-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- Z20 - Left washer nozzle heater
- Z21 - Right washer nozzle heater
- 47 - Ground connection in right front footwell
- 366 - Ground connection 1 (in main wiring harness)
- 387 - Ground connection 22 (in main wiring harness)
- 388 - Ground connection 23 (in main wiring harness)
- C72 - Positive connection (in heated spray nozzle wiring harness)
- * - Only for vehicles

ws = white		without
sw = black		Start/Stop
ro = red	*2	system
rt = red		- Only for
br = brown		vehicles with
gn = green		Start/Stop
bl = blue		system
gr = grey	*3	- Only for
li = lilac		vehicles
vi = lilac		without
ge = yellow		automatic
or = orange		headlamp
rs = pink		range control
	*4	- Only for
		vehicles with
		heated spray
		nozzles

Golf

Wiring Diagram

No. 92 / 16



Rain/light recognition sensor, Wiper motor control module, Rear window wiper motor, Windshield and rear window washer pump, Driver windshield wiper motor

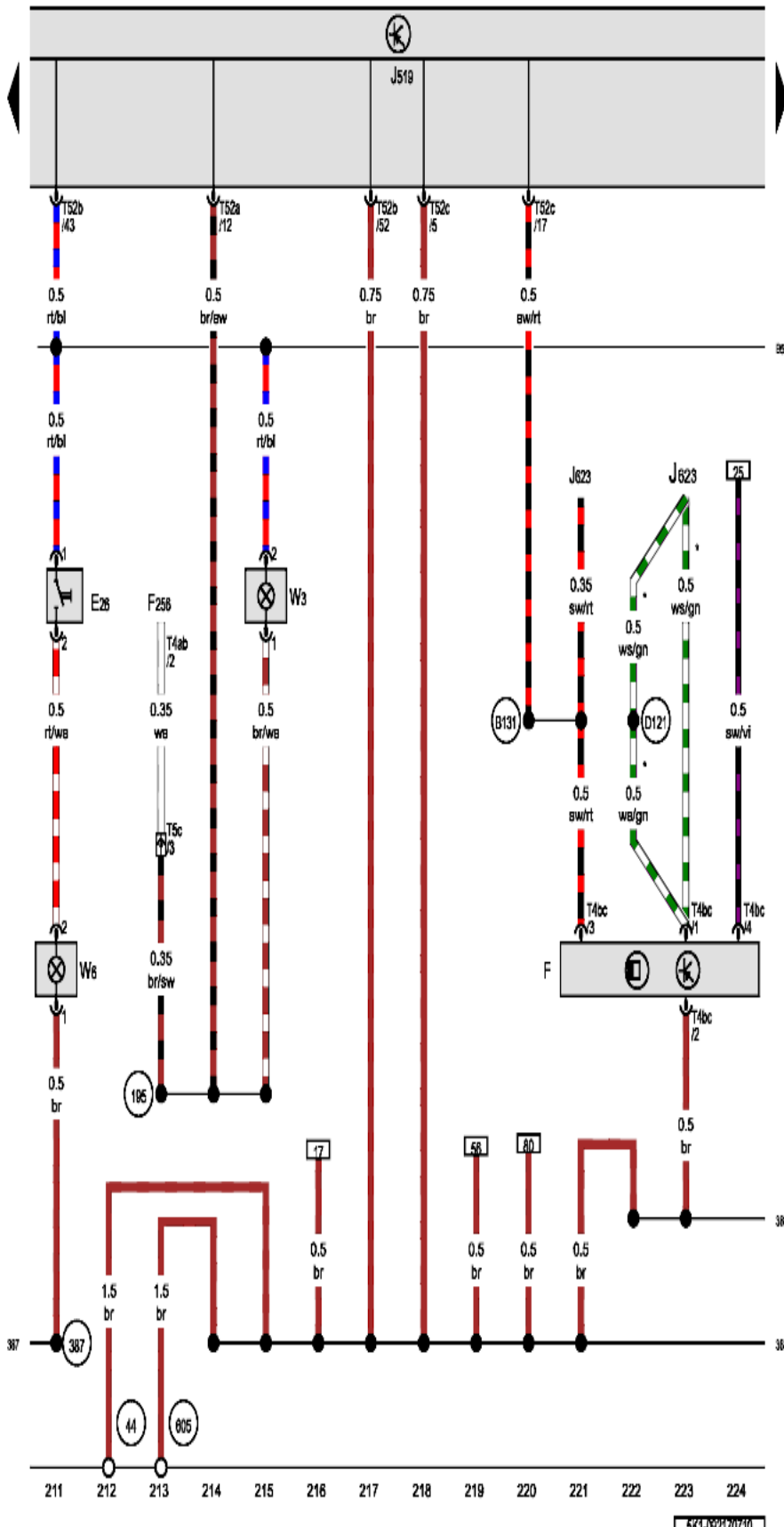
- G397 - Rain/light recognition sensor
- J400 - Wiper motor control module
- J519 - Vehicle electrical system control module
- T3ae - 3-pin connector
- T4q - 4-pin connector
- T4u - 4-pin connector
- T5e - 5-pin connector, in the left rear side panel
- T52a - 52-pin connector
- T52b - 52-pin connector
- V12 - Rear window wiper motor
- V59 - Windshield and rear window washer pump
- V216 - Driver windshield wiper motor
- 387 - Ground connection 22 (in main wiring harness)
- B183 - Windshield washer pump connection 1 (in interior wiring harness)

ws = white	B184	- Windshield
sw = black		washer pump
ro = red		connection 2
rt = red		(in interior
br = brown		wiring
gn = green		harness)
bl = blue	B528	- LIN bus
gr = grey		connection 1
li = lilac		(in main
vi = lilac		wiring
ge = yellow		harness)
or = orange	*	- Only for
rs = pink		vehicles with
		rain/light
		recognition
		sensor

Golf

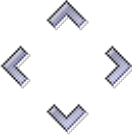

Wiring Diagram

No. 92 / 17



Glove compartment lamp switch, Brake lamp switch, Luggage compartment lamp, Glove compartment lamp

- E26 - Glove compartment lamp switch
- F - Brake lamp switch
- F256 - Rear lid lock unit
- J519 - Vehicle electrical system control module
- J623 - Engine control module
- T4ab - 4-pin connector
- T4bc - 4-pin connector
- T5c - 5-pin connector, in the left rear side panel
- T52a - 52-pin connector
- T52b - 52-pin connector
- T52c - 52-pin connector
- W3 - Luggage compartment lamp
- W6 - Glove compartment lamp
- 44 - Ground connection on A-pillar, lower left
- 195 - Ground connection (in rear door contact switch wiring harness)
- 367 - Ground connection 2 (in main)

		387	wiring harness) - Ground connection 22 (in main wiring harness)
		389	- Ground connection 24 (in main wiring harness)
		605	- Ground connection on upper steering column
		B131	- Connection (54) (in interior wiring harness)
		B559	- Positive connection 1 (30g) (in main wiring harness)
		D121	- Connection (19) (in engine compartment wiring harness)
		*	- Refer to applicable engine wiring diagram

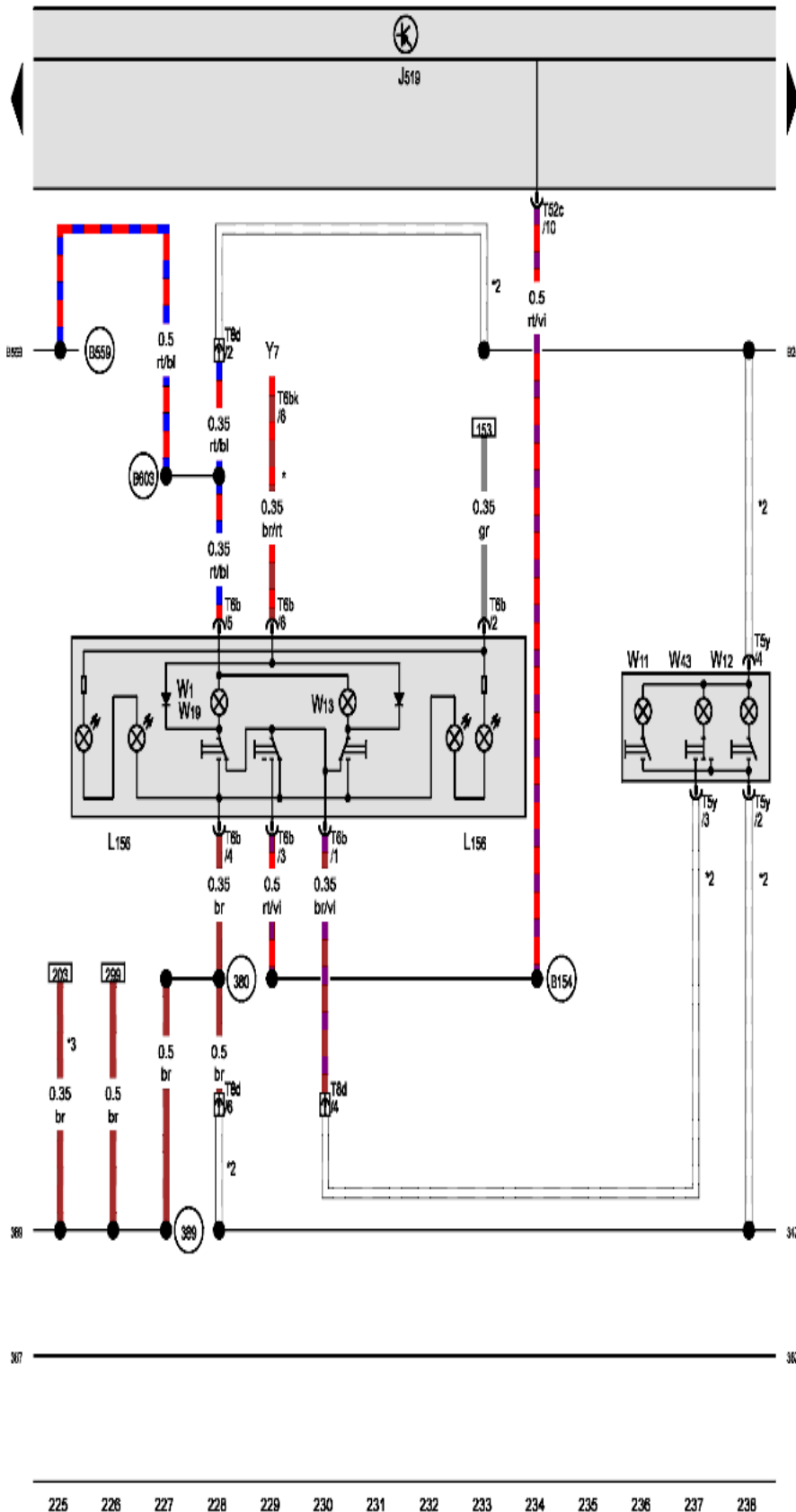
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 92 / 18

Front interior lamp,
Left rear reading
lamp, Right rear
reading lamp, Front
passenger reading
lamp, Driver reading
lamp, Rear interior
lamp



- J519 - Vehicle electrical system control module
- L156 - Switch illumination bulb
- T5y - 5-pin connector
- T6b - 6-pin connector
- T6bk - 6-pin connector
- T8d - 8-pin connector, near the front interior lamp
- T52c - 52-pin connector
- W1 - Front interior lamp
- W11 - Left rear reading lamp
- W12 - Right rear reading lamp
- W13 - Front passenger reading lamp
- W19 - Driver reading lamp
- W43 - Rear interior lamp
- Y7 - Automatic dimming interior rearview mirror
- 347 - Ground connection (in roof wiring harness)
- 367 - Ground connection 2 (in main wiring harness)

- 380 - Ground connection 15 (in main wiring harness)
- 389 - Ground connection 24 (in main wiring harness)
- B154 - Connection 1 (TK) (in interior wiring harness)
- B250 - Positive connection (in roof wiring harness)
- B559 - Positive connection 1 (30g) (in main wiring harness)
- B603 - Positive connection 2 (30g) (in main wiring harness)
- * - Only for vehicles with automatic dimming interior rearview mirror
- *2 - Flat conductor
- *3 - Only for vehicles with rain/light recognition sensor

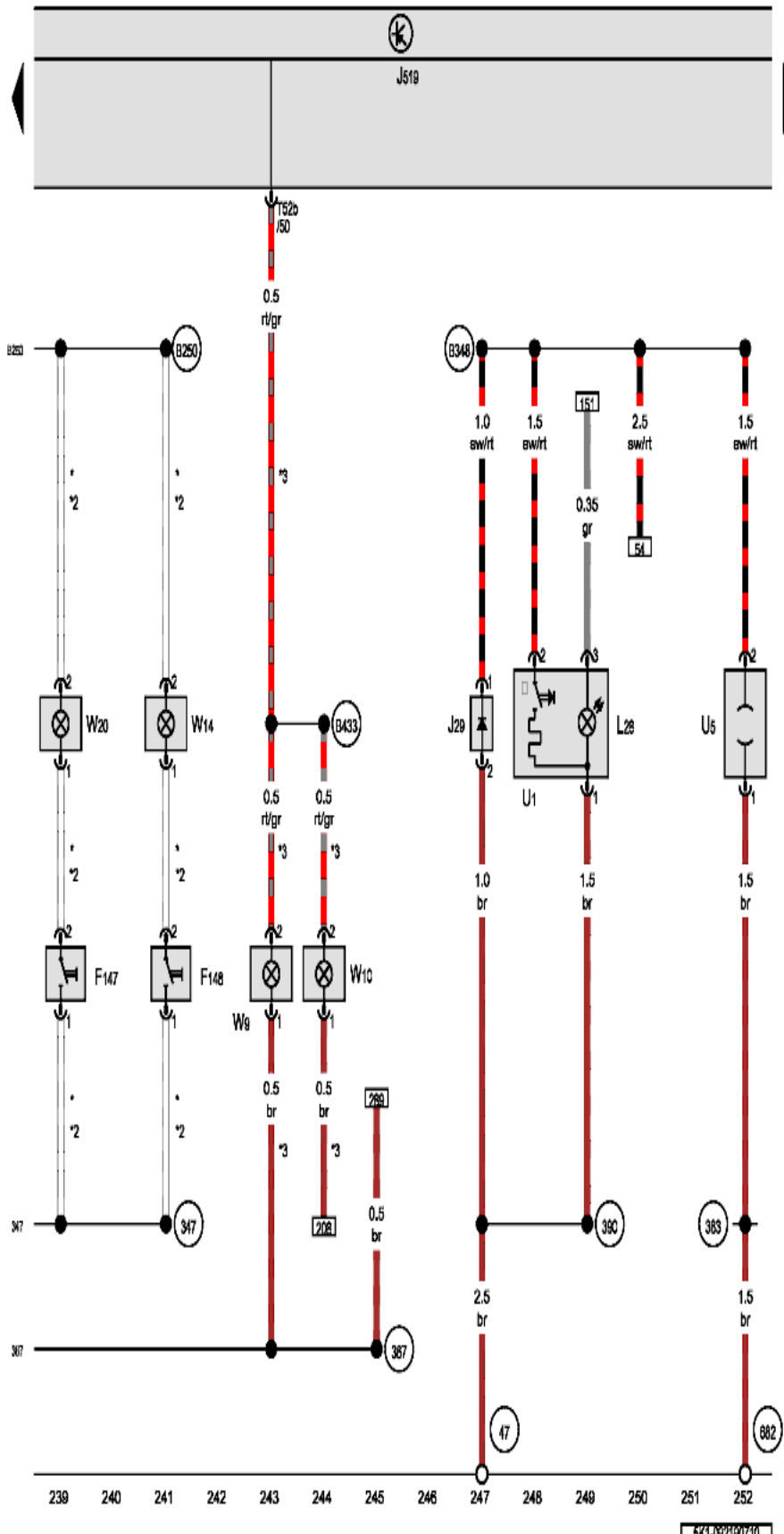


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

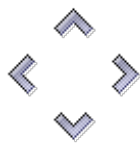

Wiring Diagram

No. 92 / 19



Driver vanity mirror lamp contact switch, Front passenger vanity mirror lamp contact switch, Blocking diode, Cigarette lighter illumination bulb, Cigarette lighter, 12 V socket, Left footwell lamp, Right footwell lamp, Front passenger vanity mirror lamp, Driver vanity mirror lamp

- F147 - Driver vanity mirror lamp contact switch
- F148 - Front passenger vanity mirror lamp contact switch
- J29 - Blocking diode
- J519 - Vehicle electrical system control module
- L28 - Cigarette lighter illumination bulb
- T52b - 52-pin connector
- U1 - Cigarette lighter
- U5 - 12 V socket
- W9 - Left footwell lamp
- W10 - Right footwell lamp
- W14 - Front passenger vanity mirror lamp
- W20 - Driver vanity mirror lamp
- 47 - Ground connection in right front footwell
- 347 - Ground connection (in roof)

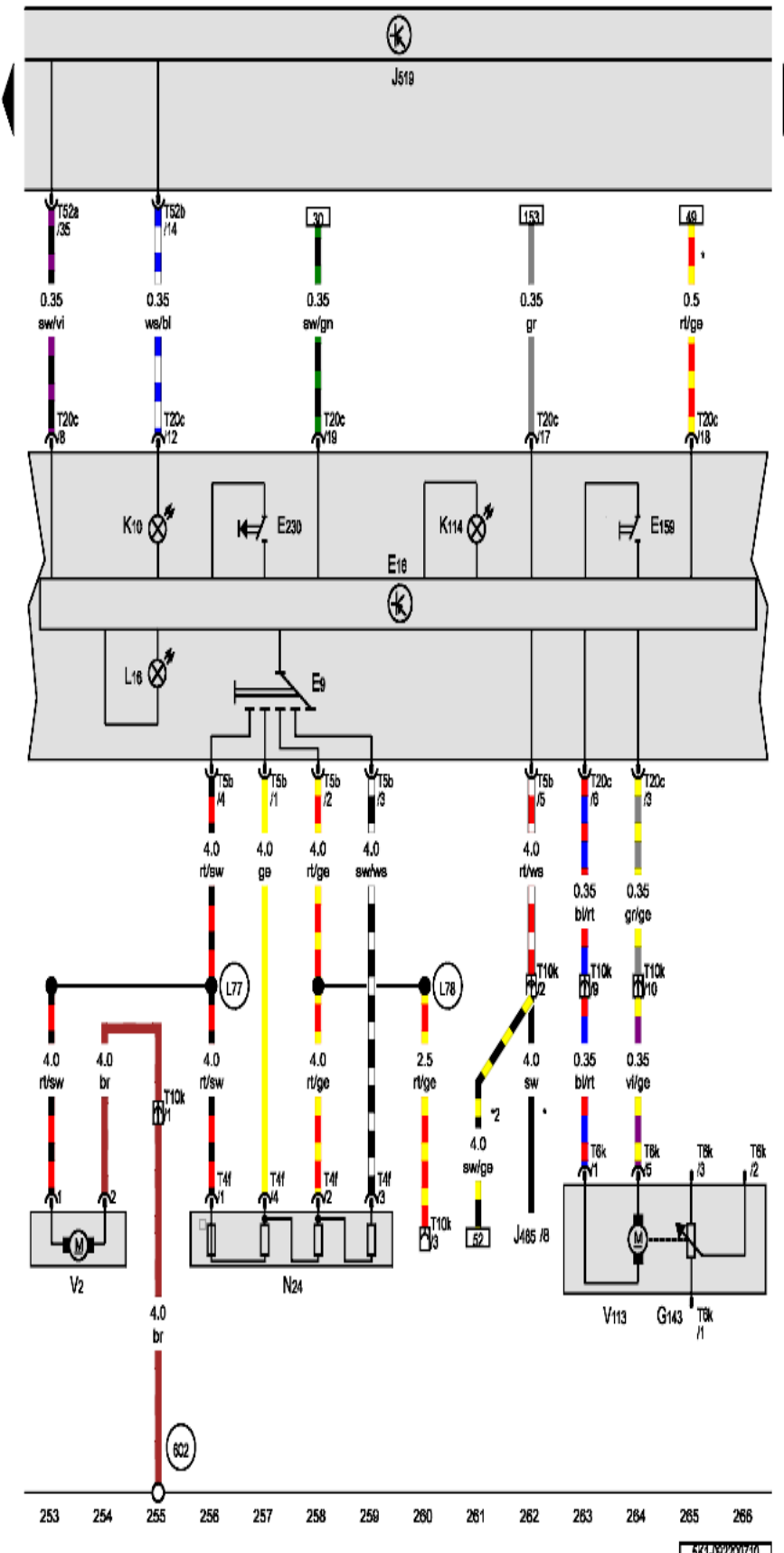
		wiring harness)
367		- Ground connection 2 (in main wiring harness)
383		- Ground connection 18 (in main wiring harness)
390		- Ground connection 25 (in main wiring harness)
682		- Ground connection 2 in right rear side panel
B250		- Positive connection (in roof wiring harness)
B348		- Connection 1 (75a) (in main wiring harness)
B433		- Footwell illumination connection (in main wiring harness)
		* - Only for vehicles with illuminated vanity mirror
		*2 - Flat conductor
		*3 - Only for vehicles with footwell lamp

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink


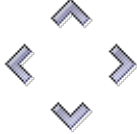







Golf

Wiring Diagram

No. 92 / 20



- Fresh air blower switch, Heater/heat output switch, Fresh air blower series resistor with fuse, Fresh air blower, Recirculation door motor
- E9 - Fresh air blower switch
- E16 - Heater/heat output switch, in the engine compartment, right
- E159 - Fresh air/recirculation door switch
- E230 - Rear window defogger button
- G143 - Recirculation door motor position sensor
- J485 - Auxiliary heater operation relay
- J519 - Vehicle electrical system control module
- K10 - Rear window defogger indicator lamp
- K114 - Fresh air and recirculation mode indicator lamp
- L16 - Fresh air control illumination bulb
- N24 - Fresh air blower series resistor with fuse
- T4f - 4-pin connector
- T5b - 5-pin

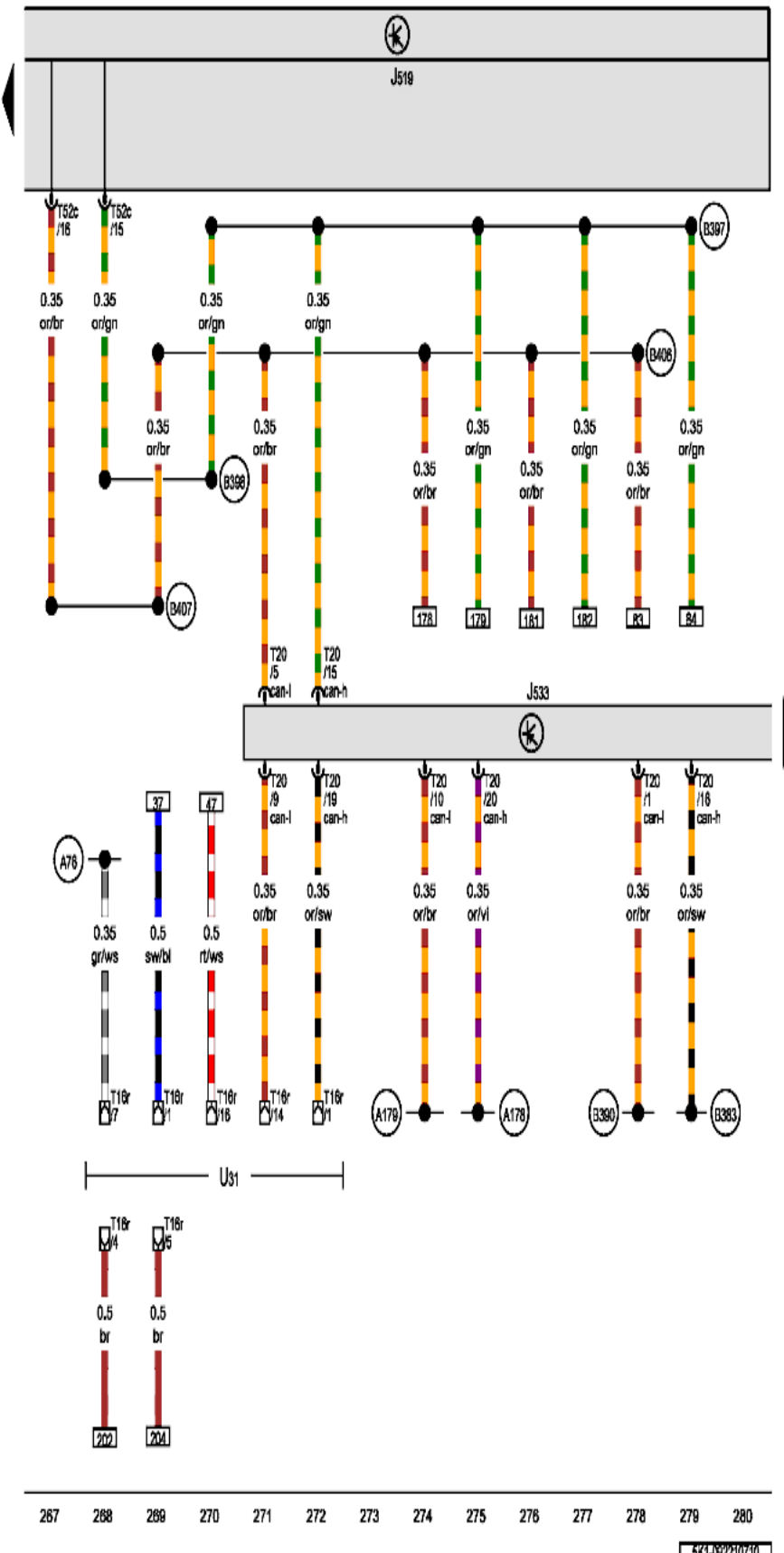
		connector
	T6k	- 6-pin connector
	T10k	- 10-pin connector, behind the instrument panel, right 
	T20c	- 20-pin connector
	T52a	- 52-pin connector
	T52b	- 52-pin connector
	V2	- Fresh air blower  
	V113	- Recirculation door motor  
	602	- Ground connection in left front footwell
	L77	- Connection (in fresh air blower wiring harness)
	L78	- Connection 1 (in fresh air blower wiring harness)
	*	- Only for vehicles with auxiliary water heater
	*2	- Only for vehicles without auxiliary water heater

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

No. 92 / 21



- Data bus on board diagnostic interface, Diagnostic connection**
- J519 - Vehicle electrical system control module
 - J533 - Data bus on board diagnostic interface, in the left footwell, near the center console
 - T16r - 16-pin connector
 - T20 - 20-pin connector
 - T52c - 52-pin connector
 - U31 - Diagnostic connection
 - A76 - K-diagnostic lead connection (in instrument panel wiring harness)
 - A178 - Infotainment CAN bus high connection (in instrument panel wiring harness)
 - A179 - Infotainment CAN bus low connection (in instrument panel wiring harness)
 - B383 - Powertrain CAN bus high connection 1 (in main wiring harness)
 - B390 - Powertrain CAN bus low connection 1



- (in main wiring harness)
- B397 - Comfort system CAN bus high connection 1 (in main wiring harness)
- B398 - Comfort system CAN bus high connection 2 (in main wiring harness)
- B406 - Comfort system CAN bus low connection 1 (in main wiring harness)
- B407 - Comfort system CAN bus low connection 2 (in main wiring harness)



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Golf

Wiring Diagram

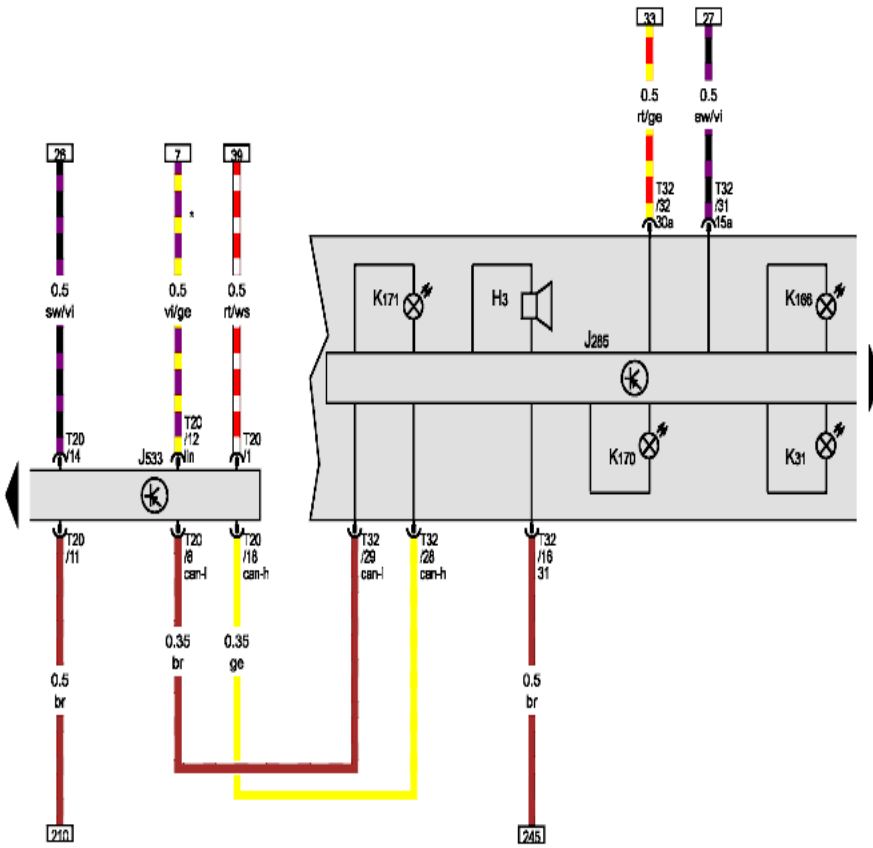
No. 92 / 22

Warning buzzer and tone, Instrument cluster control module, Data bus on board diagnostic interface, Cruise control indicator lamp, Door ajar indicator lamp, Lamp failure indicator lamp, Hood -open-indicator lamp

- H3 - Warning buzzer and tone
- J285 - Instrument cluster control module 
- J533 - Data bus on board diagnostic interface, in the left footwell, near the center console 

- K31 - Cruise control indicator lamp
- K166 - Door ajar indicator lamp
- K170 - Lamp failure indicator lamp
- K171 - Hood -open-indicator lamp

- T20 - 20-pin connector
- T32 - 32-pin connector
- * - Only for vehicles with Start/Stop system



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink







281 282 283 284 285 286 287 288 289 290 291 292 293 294

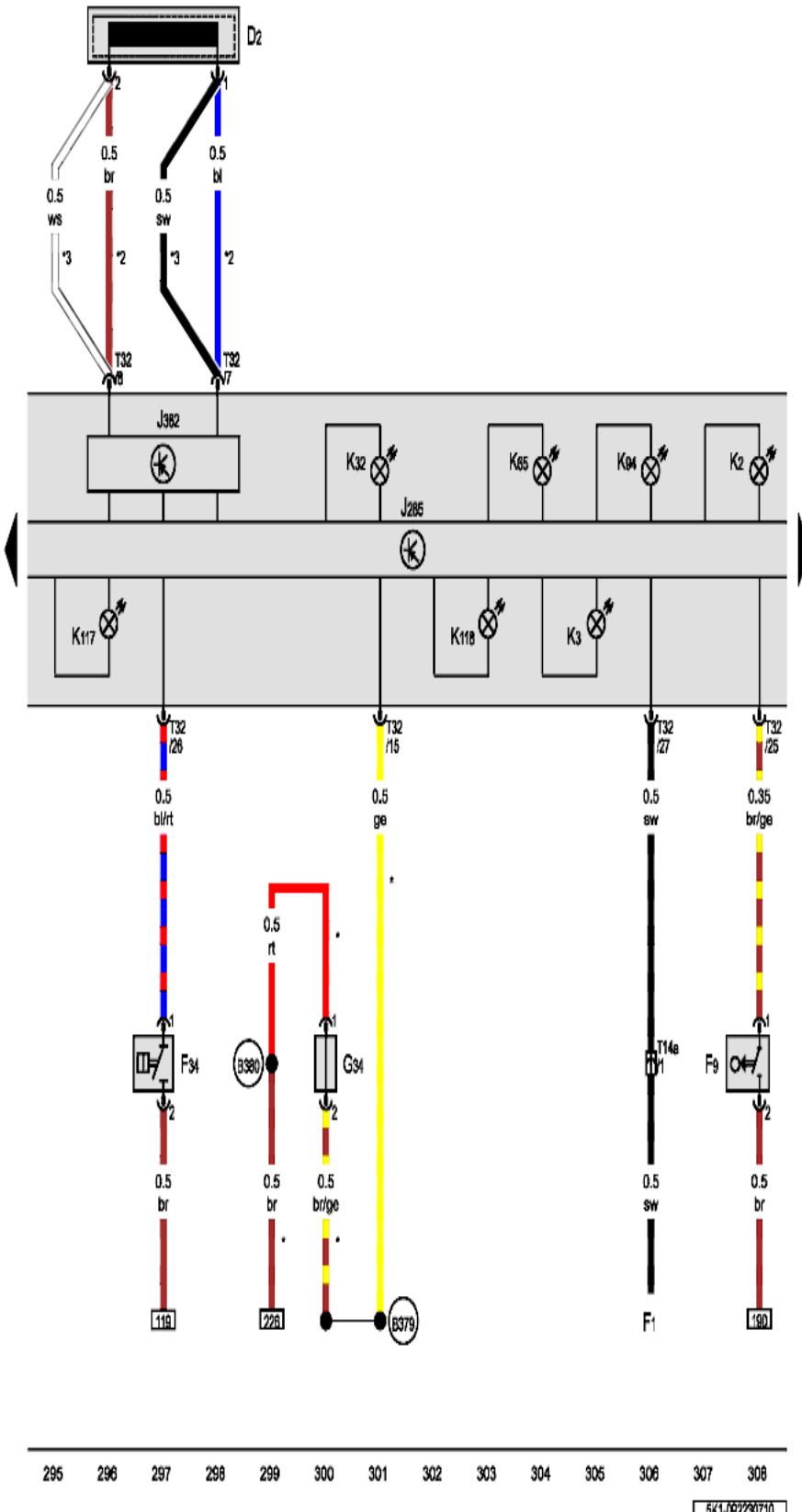
Golf

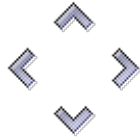




Wiring Diagram

No. 92 / 23

Anti-theft immobilizer reader coil, Parking brake indicator lamp switch, Brake fluid level warning switch, Left front brake pad wear sensor, Instrument cluster control module, Anti-theft immobilizer indicator lamp

- D2 - Anti-theft immobilizer reader coil
- F1 - Oil pressure switch 
- F9 - Parking brake indicator lamp switch 
- F34 - Brake fluid level warning switch 
- G34 - Left front brake pad wear sensor 
- J285 - Instrument cluster control module 
- J362 - Anti-theft immobilizer control module 
- K2 - Generator indicator lamp
- K3 - Oil pressure indicator lamp
- K32 - Brake pad wear indicator lamp
- K65 - Indicator lamp for left turn signal
- K94 - Right turn signal indicator lamp
- K117 - Anti-theft immobilizer indicator lamp
- K118 - Brake



		system indicator lamp
	T14a	- 14-pin connector, near the battery 
	T32	- 32-pin connector
	B379	- Brake wear indicator connection 1 (in main wiring harness)
		
		
	B380	- Brake wear indicator connection 2 (in main wiring harness)
	*	- Only for vehicles with brake pad wear indicator
	*2	- Only for vehicles without access/start authorization system
	*3	- only for vehicles with access/start authorization system

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

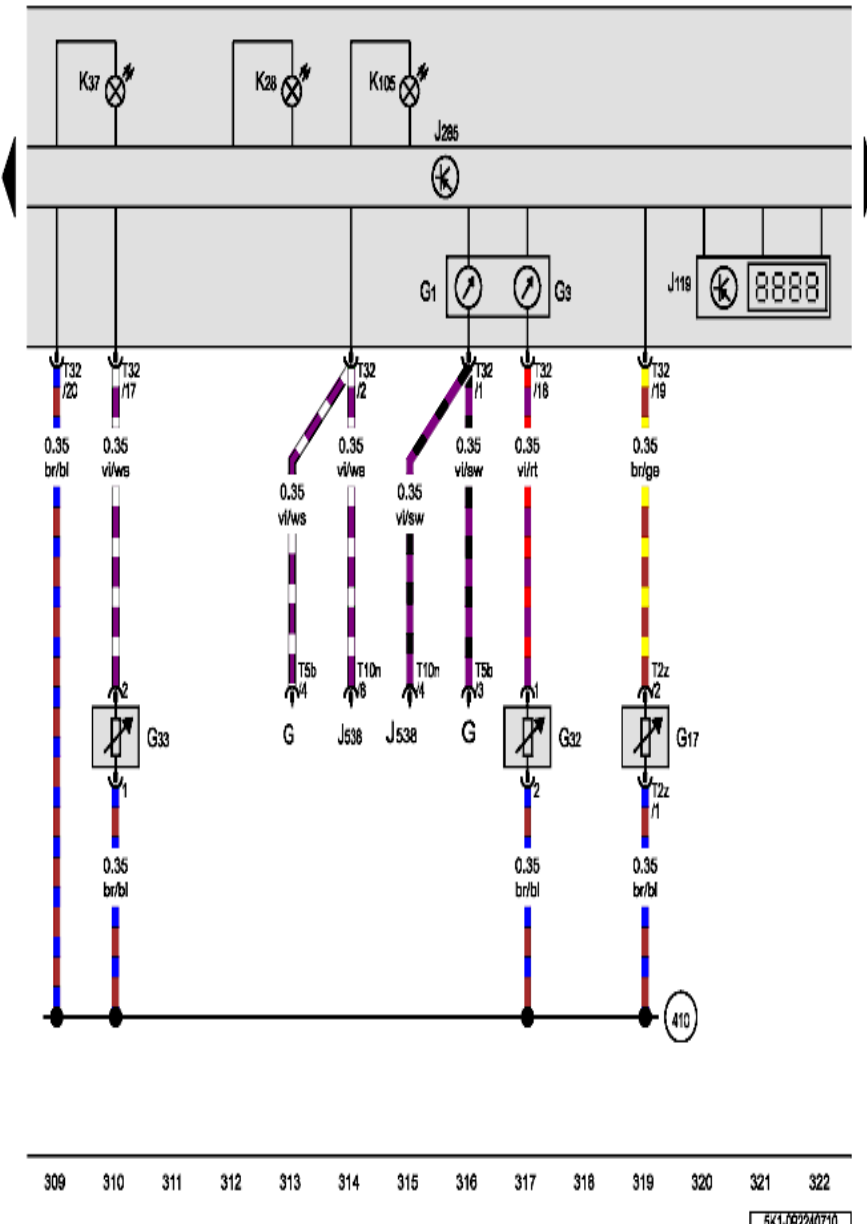
Golf

Wiring Diagram

No. 92 / 24

Fuel gauge, Engine coolant temperature gauge, Outside air temperature sensor, Engine coolant level sensor, Windshield washer fluid level sensor, Multifunction indicator, Instrument cluster control module, Engine coolant level/temperature indicator lamp, Windshield washer fluid level indicator lamp

- G - Fuel level sensor
- G1 - Fuel gauge
- G3 - Engine coolant temperature gauge
- G17 - Outside air temperature sensor
- G32 - Engine coolant level sensor
- G33 - Windshield washer fluid level sensor
- J119 - Multifunction indicator
- J285 - Instrument cluster control module
- J538 - Fuel pump control module
- K28 - Engine coolant level/temperature indicator lamp
- K37 - Windshield washer fluid level indicator lamp
- K105 - Low fuel level indicator lamp



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue

gr = grey	T10n	- 10-pin connector
li = lilac		
vi = lilac	T32	- 32-pin connector
ge = yellow		
or = orange		
rs = pink	410	- Sensor ground connection 1 (in main wiring harness)

Golf

Wiring Diagram

No. 92 / 25

Tachometer,
Speedometer,
Instrument cluster
control module, High
beam indicator lamp,
Parking lamp
indicator lamp, Rear
fog lamp indicator
lamp, Engine
electronics indicator
lamp, Odometer
display

G5 - Tachometer
G21 - Speedometer

J245- Power sunroof
control
module

J285 - Instrument
cluster
control
module

K1 - High beam
indicator
lamp

K4 - Parking lamp
indicator
lamp

K13 - Rear fog
lamp
indicator
lamp

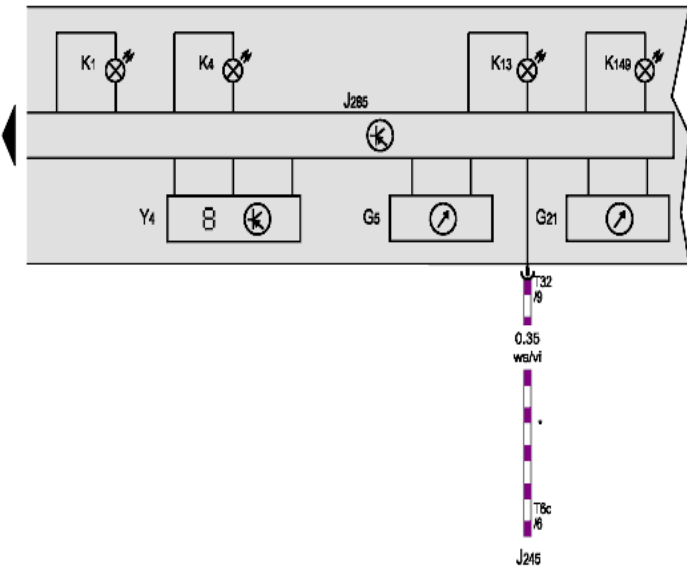
K149 - Engine
electronics
indicator
lamp

T6c - 6-pin
connector

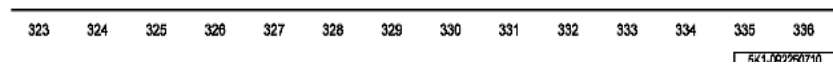
T32 - 32-pin
connector

Y4 - Odometer
display

* - Speed signal



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink



Golf

Wiring Diagram

No. 60 / 1

01.2010

Tire pressure monitoring (with Sensors)

from May 2009

Note:

Information for

- ◆ Relay and fuse arrangements
- ◆ Connector arrangements
- ◆ Control Modules and Relays
- ◆ Ground Connections

→ Component Locations

Information for

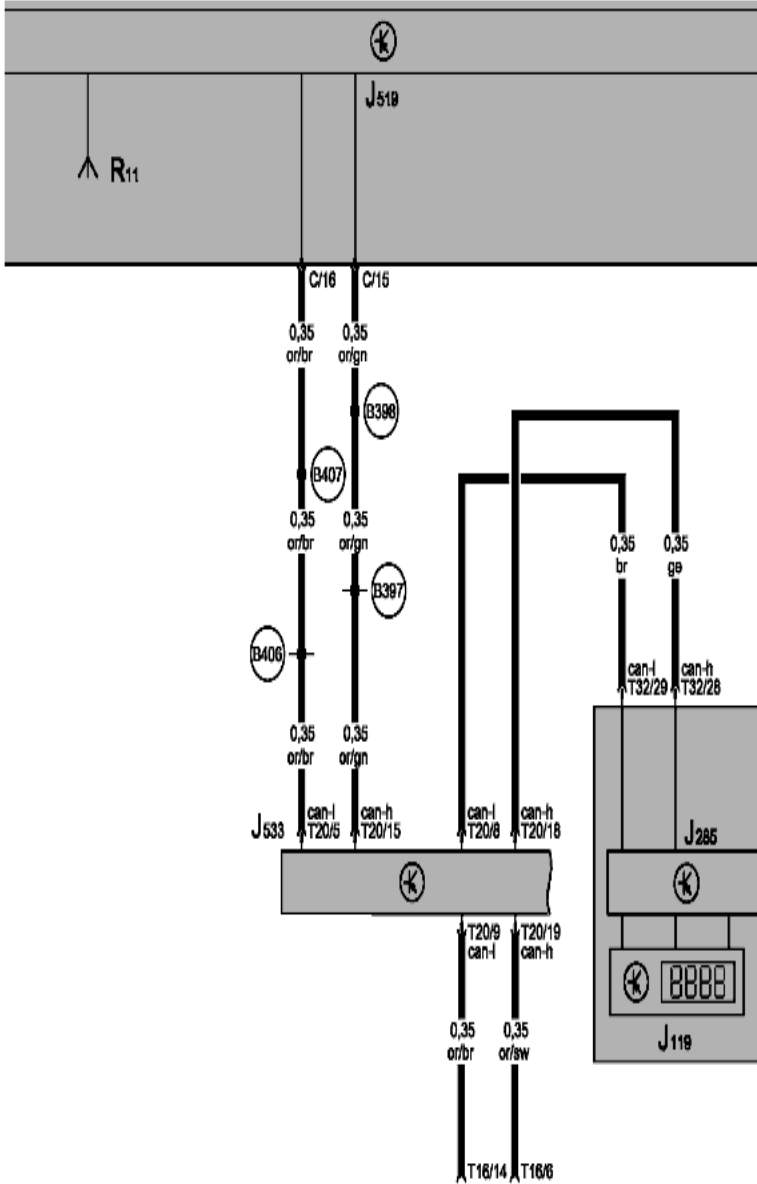
- ◆ Troubleshooting Procedures

→ Guided Fault Finding using VAS 5051 / 5052

Golf

Wiring Diagram

No. 60 / 2



Instrument Cluster, Data Bus On Board Diagnostic Interface, Data Link Connector (DLC), Antenna, Tire Pressure Monitoring Sensors

- J119 - Multi-function Indicator
- J519 - Vehicle Electrical System Control Module
- J533 - Data Bus On Board Diagnostic Interface, in left footwell, near center console
- G222 - Left Front Tire Pressure Monitoring Sensor
- G223 - Right Front Tire Pressure Monitoring Sensor
- G224 - Left Rear Tire Pressure Monitoring Sensor
- J119 - Vehicle Electrical System Control Module
- R11 - Antenna



1 2 3 4 5 6 7 8 9 10 11 12 13 14

5K1-060020709



- T16 - 16-Pin Connector, under instrument panel, left, Data Link Connector (DLC)
- T20 - 20-Pin Connector
- T32 - 32-Pin Connector
- Comfort



- B397 System
CAN-Bus
High
Connection 1
(in main
wiring
harness)
- B398 - Comfort
System
CAN-Bus
High
Connection 2
(in main
wiring
harness)
- B406 - Comfort
System
CAN-Bus
Low
Connection 1
(in main
wiring
harness)
- B407 - Comfort
System
CAN-Bus
Low
Connection 2
(in main
wiring
harness)

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink