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Thread: OEM MKVI Climatronic on a MKV on a RNS-510 Screen installed.

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NothernSky 

Member

GLI

Join Date: Nov 24th, 2004
Location: Monterrey
Posts: 451
Vehicles: VW 2007 Jetta GLI, VW 2006 Jetta TDI, VW 2001 Jetta TDI, VW 1997 Jetta TDI

OEM MKVI Climatronic on a MKV on a RNS-510 Screen installed.

07-01-2010 01:39 PM [Reply](#) #1

I installed the unit and work as expected (mine is VW Jetta GLI 2007 and I did not needed to wire in pararell on Connector C and B)

Parts I needed:
1K0 858 069 M 1QB Trim
5K0 907 044 BT ZJU Climatronic Unit with Celcius, metric system in my country (5K0 907 044 CB ZJU with Heater button)
1K0 907 530 AD Can Gateway ('S' revision or later might work also)
3C8 937 049 AB Power Electrical Module (For compressor to work)

Optional:
1K0 907 659 Quality Sensor (optional)
1K0 971 939 C Holder (optional)
1J0 972 483 A Quality Sensor Conector (optional)
000 979 009 E Quality Sensor Wire X2

Climatronic Wiring
On **A Connector** (black) extract both; Pin 16 and Pin 20 and put Pin 16 on the place were Pin 20 was, leave the wire on Pin 20 loose (not connected to the harnnes) for later connect the Air Quality Sensor if needed.

*If you have an older VW Model you will **MIGHT** need this wiring change.  **ATTENTION:** Please don't quote me on this, I just really followed some threads on VWNavi that mention this change. It did not applied in my case)*

Motors in parallel:
On **C Connector** (brown): Pin 7 connected to Pin 10 and Pin 8 connected to Pin 9
On **B Connector** (black): Pin 6 to Pin 7

Quality Sensor Wiring (OPTIONAL if you bought the module that handles it):
On **C Connector** (black):
Pin 1 from Quality Sensor to Pin 20 (which we replaced by Pin 16 on Climatronic, remember?)
Pin 2 from Quality Sensor is Ground goes to Pin 19
Pin 3 from Quality Sensor to Pin 4 on Climatronic

YOU NEED TO MAKE THIS STEPS (My compressor did not work until I performed the 2 step):

First Step: Basic settings: hold button AC + button straight blowing (third button from left). You will see both buttons leds blinking one after another. let them run till they come to the normal status. Reference: <http://www.my-gti.com/2513/volkswage...ostics-mark-vi>



Second Step :Compressor Settings: Starting the engine and hold **LONG**-AC + heating rear window. Let it run till it comes to the normal status.

Installed Product:





Thanks to lala30 and mogwai on the vwnavi forum.

Last edited by NothernSky; 02-20-2013 at 11:41 PM. Reason: Change control unit description due to metric system

OEM+ FTW 

Reply With Quote

BETOGLI 

Member

GLI

Join Date: Jul 15th, 2010
Location: MEXICO CITY
Posts: 4,203
Vehicles: 2007 JETTA GLI, 2012 GOLF GTI 35TH ANNIVERSARY

08-12-2010 06:44 PM  #2

It looks awesome!
Was it an expensive swap?
Thanks,
Beto

Reply With Quote


maloosheck 

Member

Join Date: Oct 5th, 2004
Location: Sterling, VA
Posts: 5,924
Vehicles: 2K6 1K2 BRM / 2K8 7L6 BWF / 85 19 MF

08-13-2010 03:26 PM  #3

 Originally Posted by **NothernSky** 
3C8 937 049 **AB** Power Electrical Module (For compressor to work)

I doubt this revision is necessary. But it is possible that CC module (3C8) is required. I am getting the mk6 Climatronic module just for testing, I am a metric guy, I do not want Fahrenheits , so it will be for sale.

[18 cylinders of torque](#) | [For sale bucket](#) | [4Motion Swap Project](#) | [DubHaus GTG](#)

Reply With Quote

TXRanger83 

08-14-2010 01:07 PM  #4

Member



Join Date:

Nov 8th, 2009

Location:

Midland, TX

Posts:

430

Vehicles:

2010 VW Jetta TDI Sedan

Originally Posted by **maloosheck**

I doubt this revision is necessary. But it is possible that CC module (3C8) is required. I am getting the mk6 Climatronic module just for testing, I am a metric guy, I do not want Fahrenheits, so it will be for sale.

Would this be as big of a PITA on the mkVI as it looks like it was in your blog for the mkV, because if not this Fahrenheit guy would be all over that swap.

Looks good though NorthernSky, liking how clean it looks on the screen

Last edited by TXRanger83; 08-14-2010 at 01:09 PM.

2010 Salsa Red TDI Sedan

Current Mods

OEM is the only way

Reply With Quote

maloosheck

Member

Join Date:

Oct 5th, 2004

Location:

Sterling, VA

Posts:

5,924

Vehicles:

2K6 1K2 BRM / 2K8 7L6 BWF / 85 19 MF

Originally Posted by **TXRanger83**

Would this be as big of a PITA on the mkVI as it looks like it was in your blog for the mkV, because if not this Fahrenheit guy would be all over that swap.

Looks good though NorthernSky, liking how clean it looks on the screen


This is easy swap. I just prefer these nice little temperature displays in mk5.

18 cylinders of torque | For sale bucket | 4Motion Swap Project | DubHaus GTG

Reply With Quote

varial72

Junior Member



Join Date:

Jun 2nd, 2009

Posts:

45

Vehicles:


2007 VW GLI

How much did this cost you? It looks awesome.

Reply With Quote

BETOGLI

Member



Join Date:

Jul 15th, 2010

Location:

MEXICO CITY

Posts:

4,203

Vehicles:

2007 JETTA GLI, 2012 GOLF GTI 35TH ANNIVERSARY

Originally Posted by **varial72**

How much did this cost you? It looks awesome.

+1

Reply With Quote

maloosheck

Member

Join Date:

Oct 5th, 2004

Location:

Sterling, VA

Posts:

5,924

Vehicles:

2K6 1K2 BRM / 2K8 7L6 BWF / 85 19 MF

Originally Posted by **varial72**

How much did this cost you?

All 3 modules listed above (CAN, CECM, Climatronic) can be found at approx. \$500.

18 cylinders of torque | For sale bucket | 4Motion Swap Project | DubHaus GTG

Reply With Quote

08-17-2010 12:57 AM [Reply](#) #9

Originally Posted by **maloosheck**

All 3 modules listed above (CAN, CECM, Climatronic) can be found at approx. \$500.

Regards,
Beto

Reply With Quote

08-17-2010 01:10 AM [Reply](#) #10

Originally Posted by **BETOGLI**

Thank you so much Maloosheck, And where can I find these parts? I know that at VW Parts, but I think there might be cheaper options even these are OEM Parts.

The MSRP of these 4 parts is \$1,300. Online vendors list them for approx. \$1,000. If you are interested in these 3 modules, shot me a PM and I will let you know what can be done.

18 cylinders of torque | For sale bucket | **4M**otion Swap Project | DubHaus GTG

Reply With Quote

08-17-2010 04:21 AM [Reply](#) #11

damn, that's a lot of work. 😱 good job!

hell, i'm scared to upgrade the firmware on my RNS-510 from 1100 to whatever it is now. 🤖

کافر
Save the Nürburgring!

Reply With Quote

08-17-2010 06:07 AM [Reply](#) #12

Does the Mk6 Climatronic have some equivalent to the Mk5 Climatronic alternate displays?

MPH actual



reference: [FAQ - Climatronic Speed Reading](#)

2006 US Mk V bmp GTI mt, 2008 US b6 Passat 4-motion

Reply With Quote

BETOGLI

Member

GLI

Join Date: Jul 15th, 2010
Location: MEXICO CITY
Posts: 4,203
Vehicles: 2007 JETTA GLI, 2012 GOLF GTI 35TH ANNIVERSARY

🗨 Originally Posted by **maloosheck** 🗨

The MSRP of these 4 parts is \$1,300. Online vendors list them for approx. \$1,000. If you are interested in these 3 modules, shot me a PM and I will let you know what can be done.

PM sent... Thank you so much Malooshek.

Regards,

Beto

Reply With Quote

BETOGLI

Member

GLI

Join Date: Jul 15th, 2010
Location: MEXICO CITY
Posts: 4,203
Vehicles: 2007 JETTA GLI, 2012 GOLF GTI 35TH ANNIVERSARY

Originally Posted by **maloosheck**

All 3 modules listed above (CAN, CECM, Climatronic) can be found at approx. \$500.

PM sent... Thank you so much Malooshek.

Regards,

Beto

Reply With Quote

NothernSky

Member

GLI

Join Date: Nov 24th, 2004
Location: Monterrey
Posts: 451
Vehicles: VW 2007 Jetta GLI, VW
2006 Jetta TDI, VW 2001 Jetta TDI,
VW 1997 Jetta TDI

Air Quality Sensor

08-20-2010 12:30 PM

Reply

#15

For people that does not know how the quality sensor looks like here it goes:





Reference literature:
<http://www.my-gti.com/1267/climatron...n-and-location>

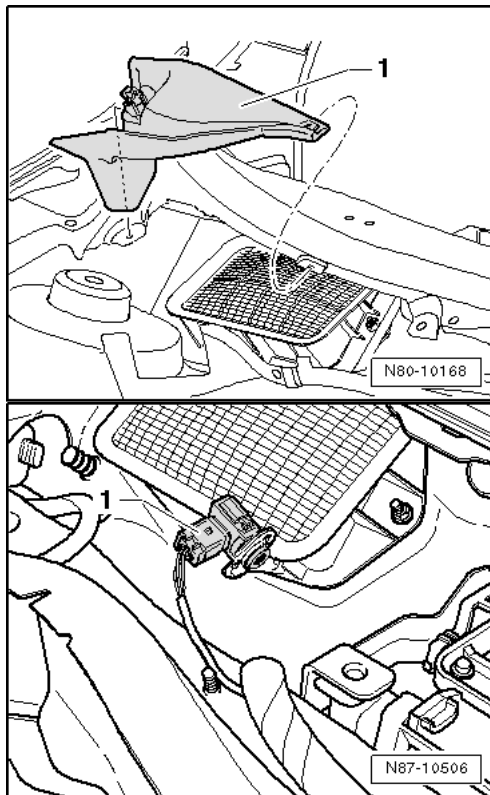




Diagram:




OEM+ FTW 

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BETOGLI 

Member



Join Date: Jul 15th, 2010

Location: MEXICO CITY



Posts: 4,203

Vehicles: 2007 JETTA GLI, 2012 GOLF GTI 35TH ANNIVERSARY

08-20-2010 03:08 PM

Reply

 #16

 Originally Posted by **NothernSky** 

For people that does not know how the quality sensor looks like here it goes:


Northensky,

Thank you so much for sharing this info!


Regards,

Beto

Reply With Quote

BETOGLI 

Member



Join Date: Jul 15th, 2010

Location: MEXICO CITY



Posts: 4,203

Vehicles: 2007 JETTA GLI, 2012 GOLF GTI 35TH ANNIVERSARY

09-11-2010 02:04 PM

Reply

 #17

 Originally Posted by **NothernSky** 

I installed the unit and work as expected (mine is VW Jetta GLI 2007 and I did not needed to wire in pararell on Connector C and B)

Parts I needed:
*1K0 858 069 M 1QB Trim
5K0 907 044 BT ZJU Climatronic Unit (5K0 907 044 CB ZJU with Heater button)
1K0 907 530 AD Can Gateway ('S' revision or later might work also)
3C8 937 049 AB Power Electrical Module (For compressor to work)*


Hi Nothernsky, You went with the option with part number 5K0 907 044 CB ZJU (with Heater button) For the Climatronic unit right?

In advance thanks.

Regards,

Beto

Reply With Quote

maloosheck 

Member

Join Date: Oct 5th, 2004

Location: Sterling, VA


Posts: 5,924

Vehicles: 2K6 1K2 BRM / 2K8 7L6 BWF / 85 19 MF

10-16-2010 04:41 PM

Reply

 #18


Interesting, I have just installed mk6 Climatronic panel in my Jetta and after a basic adaptation of the flap motors I did not have to do anything to turn on the ac compressor. It works just perfect! Few pictures after the break .

BTW I have US panel installed right now and the RNS shows Celsius temperature. So the configuration is done via something else, maybe cluster (mine is set to GB).


Of course I have a code for the air quality module, but that will be fixed as soon as I make the harness for the sensor.

18 cylinders of torque | For sale bucket | 4Motion Swap Project | DubHaus GTG

Reply With Quote

BETOGLI 

Member



Join Date: Jul 15th, 2010

Location: MEXICO CITY



Posts: 4,203


Vehicles: 2007 JETTA GLI, 2012 GOLF GTI 35TH ANNIVERSARY

10-16-2010 06:26 PM

Reply

 #19

 Originally Posted by **maloosheck** 

Interesting, I have just installed mk6 Climatronic panel in my Jetta and after a basic adaptation of the flap motors I did not have to do anything to turn on the ac compressor. It works just perfect! Few pictures after the break .

BTW I have US panel installed right now and the RNS shows Celsius temperature. So the configuration is done via something else, maybe cluster (mine is set to GB).

Of course I have a code for the air quality module, but that will be fixed as soon as I make the harness for the sensor.

That's awesome, great work Maloosheck! I just received the harness you sent me for the EU alarm siren, it looks perty cool... Are you going to add a DIY of it an thread.

Thanks you so much!

Cheers,

Beto

Reply With Quote

NothernSky

Member

GLI

Join Date: Nov 24th, 2004
Location: Monterrey
Posts: 451
Vehicles: VW 2007 Jetta GLI, VW 2006 Jetta TDI, VW 2001 Jetta TDI, VW 1997 Jetta TDI

10-17-2010 03:02 PM [Reply](#) #20

Originally Posted by maloosheck

Interesting, I have just installed mk6 Climatronic panel in my Jetta and after a basic adaptation of the flap motors I did not have to do anything to turn on the ac compressor. It works just perfect! Few pictures after the break.

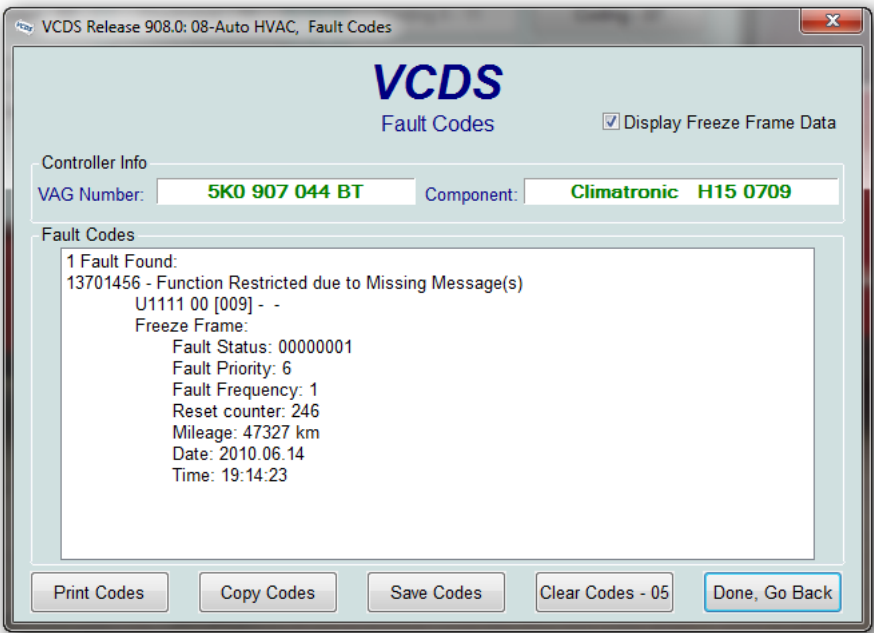
BTW I have US panel installed right now and the RNS shows Celsius temperature. So the configuration is done via something else, maybe cluster (mine is set to GB).

Of course I have a code for the air quality module, but that will be fixed as soon as I make the harness for the sensor.

Excellent

I agree about the Celcius is managed by the cluster, I have set to GB too, but that is ok were I live. Change the metrics on the cluster and see what happens since you have a Farenheit module right?

Did you have the same error code like this?



It seems all of us are getting this code if the car is pre 2007.

OEM+ FTW

[Reply With Quote](#)

BETOGLI

Member

GLI

Join Date: Jul 15th, 2010
Location: MEXICO CITY
Posts: 4,203
Vehicles: 2007 JETTA GLI, 2012 GOLF GTI 35TH ANNIVERSARY

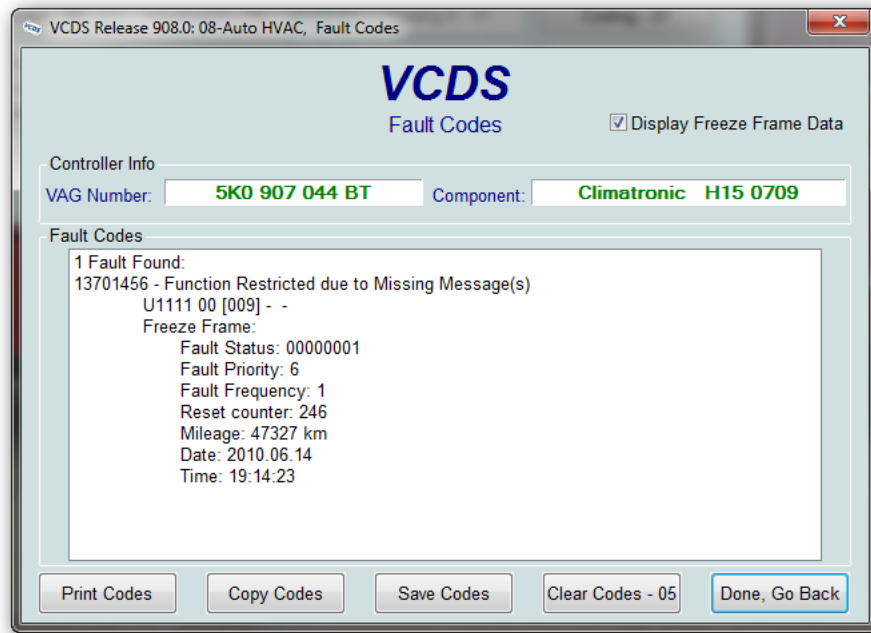
10-17-2010 10:05 PM [Reply](#) #21

Originally Posted by NothernSky

Excellent

I agree about the Celcius is managed by the cluster, I have set to GB too, but that is ok were I live. Change the metrics on the cluster and see what happens since you have a Farenheit module right?

Did you have the same error code like this?



It seems all of us are getting this code if the car is pre 2007.

Just read in VW Performance that you can easily change from Celsius to Fahrenheit and vice versa doing the following the following procedure:

Start the car, and with the engine running, turn the fan on to any position. Press and hold both your Auto and your Eco buttons together until the settings swap themselves over.

cheers to everyone,

Beto

[Reply With Quote](#)

maloosheck

Member

Join Date: Oct 5th, 2004
Location: Sterling, VA
Posts: 5,924
Vehicles: 2K6 1K2 BRM / 2K8 7L6
BWF / 85 19 MF

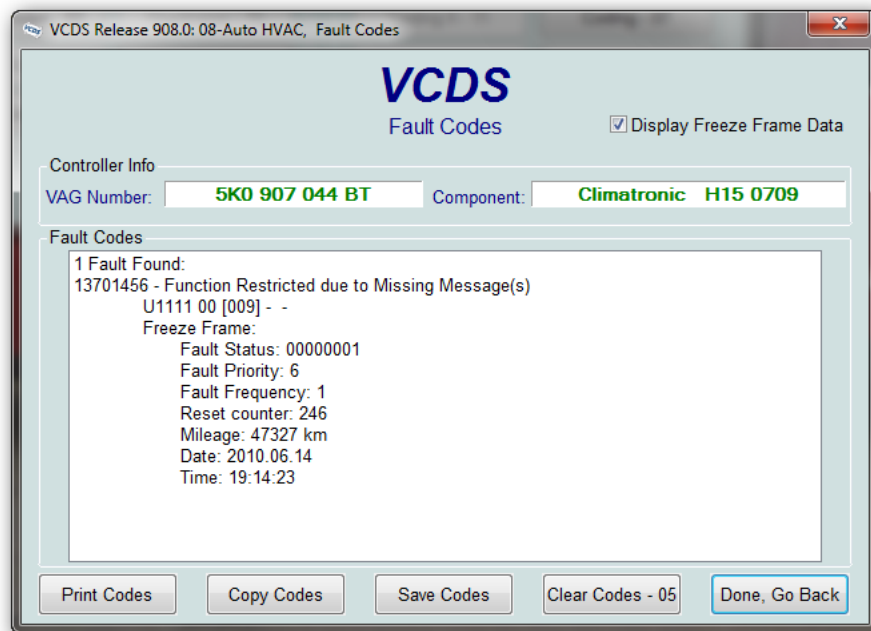
10-17-2010 11:25 PM

[Reply](#)

#22

Originally Posted by **NothernSky**

Did you have the same error code like this?



It seems all of us are getting this code if the car is pre 2007.

I did not have this code when I installed the Panel. I let my wife drive the car tomorrow and do the scan again.

What's more interesting I swapped the panels to EU version w/heater and I have two codes about the center vent motor. I have to recheck the wiring because I did not have these errors with the US version of the panel.

[18 cylinders of torque](#) | [For sale bucket](#) | [4Motion Swap Project](#) | [DubHaus GTG](#)

Reply With Quote

Paint_By_Numbers

Banned

Join Date: Nov 7th, 2008

Location: Raleigh

Posts: 6,164

Vehicles: MKII & a Wookiee



10-17-2010 11:29 PM [Reply](#) #23

Wow, this is totally awesome work.. 🐼

Reply With Quote

maloosheck

Member

Join Date: Oct 5th, 2004

Location: Sterling, VA

Posts: 5,924

Vehicles: 2K6 1K2 BRM / 2K8 7L6 BWF / 85 19 MF

10-19-2010 09:38 PM [Reply](#) #24

Well, even my Euro panel was able to start communicating with the stepper motors. The only error code I have is:

Tuesday, 19 October 2010, 18:29:53:13569
VCDS Version: Release 10.6.1

Address 08: Auto HVAC Labels: 5K0-907-044.clb
Control Module Part Number: 5K0 907 044 BF HW: 5K0 907 044 BF
Component and/or Version: Climatronic H14 0608
Software Coding: 0000000000
Work Shop Code: WSC 05311 115 08193
ASAM Dataset: EV_Climatronic A01001 (VW36)
VCID: 70E5AB191AD1
1 Fault Found:

9479189 - Signal Line for Air Quality Sensor
B10A4 15 [009] - Open or Short to Plus
Freeze Frame:
Fault Status: 00000001
Fault Priority: 3
Fault Frequency: 7
Reset counter: 75
Mileage: 125295 km
Date: 2000.00.00
Time: 19:54:06

My car is coded to Offroad (CAN-Gateway) and UK (Cluster). Other than that I do not recall anything unusual.

[18 cylinders of torque](#) | [For sale bucket](#) | [4Motion Swap Project](#) | [DubHaus GTG](#)

Reply With Quote

BETOGLI

Member



Join Date: Jul 15th, 2010

Location: MEXICO CITY

Posts: 4,203

Vehicles: 2007 JETTA GLI, 2012 GOLF GTI 35TH ANNIVERSARY

10-20-2010 12:22 AM [Reply](#) #25

🗨 Originally Posted by **maloosheck**

Well, even my Euro panel was able to start communicating with the stepper motors. The only error code I have is:

My car is coded to Offroad (CAN-Gateway) and UK (Cluster). Other than that I do not recall anything unusual.

Great Maloosheck!


Cheers,

Beto

Reply With Quote

frankachela

Member



Join Date: Jan 29th, 2007

Location: Weiden, Bavaria, Germany

Posts: 481

Vehicles: 2007 VW Golf 5 (Rabbit)

10-28-2010 05:51 AM [Reply](#) #26

ive been following this very close!
Maloosheck congrats on touareg!
i got complete aixbox systems mk5 and Mk6 (HVAC) for 200 shipped! for whoever needs this!

Great information guys 🐼📄

M44NTU-3.2

Junior Member

Join Date: Sep 14th, 2010

Location: ENGLAND

Posts: 46

Vehicles: 2008/VW GOLF R32 DSG

01-04-2011 08:30 AM

Reply

#27

Originally Posted by maloosheck

Well, even my Euro panel was able to start communicating with the stepper motors. The only error code I have is:

My car is coded to Offroad (CAN-Gateway) and UK (Cluster). Other than that I do not recall anything unusual.

hi could you please post full auto scan of the car so i can see your part numbers for can gateway and central electrics please, im trying to get rid the function error message, many thanks

DSG 5 DR DBP WINTER PACK LUX PACK HEATED LEATHERS RNS510 PARKING SENSORS

Reply With Quote

NothernSky

Member

Join Date: Nov 24th, 2004

Location: Monterrey

Posts: 451

Vehicles: VW 2007 Jetta GLI, VW 2006 Jetta TDI, VW 2001 Jetta TDI, VW 1997 Jetta TDI


01-05-2011 04:14 PM

Reply

#28

Climatronic Part Number?

Does somebody know which part number is this Climatronic Unit? I think is the early ones.
I seems very cool that the one I purchased



OEM+ FTW

Reply With Quote

BETOGLI

Member

Join Date: Jul 15th, 2010

Location: MEXICO CITY

Posts: 4,203

01-05-2011 09:20 PM

Reply

#29

Originally Posted by NothernSky

Does somebody know which part number is this Climatronic Unit? I think is the early ones.
I seems very cool that the one I purchased

Vehicles: 2007 JETTA GLI, 2012 GOLF GTI 35TH ANNIVERSARY



Looks pretty sweet NothernSky, So you haven't made your new Climatronic work in your car? Or Does it Works but it marks and error?

Hope you can solve this pretty soon!

Have a good one!

Beto

Reply With Quote

NothernSky Member

GLI

Join Date: Nov 24th, 2004
Location: Monterrey
Posts: 451
Vehicles: VW 2007 Jetta GLI, VW 2006 Jetta TDI, VW 2001 Jetta TDI, VW 1997 Jetta TDI

01-06-2011 12:43 AM Reply #30

Originally Posted by BETOGLI
So you haven't made your new Climatronic work in your car? Or Does it Works but it marks and error?

It works just fine 😊, I only want the climatronic unit picture I posted, it looks very neat.

I do still have the 'Missing message bla bla' but since is a soft error, I can live with it.

OEM+ FTW

Reply With Quote

BETOGLI Member

GLI

Join Date: Jul 15th, 2010
Location: MEXICO CITY
Posts: 4,203
Vehicles: 2007 JETTA GLI, 2012 GOLF GTI 35TH ANNIVERSARY

01-06-2011 01:46 AM Reply #31

Originally Posted by NothernSky
It works just fine 😊, I only want the climatronic unit picture I posted, it looks very neat.
I do still have the 'Missing message bla bla' but since is a soft error, I can live with it.

Great man! I hope to do that awesome swap at some time!

By now I'm just thinking on going either to a K04 or a GT30XX setup for my car... I haven't decided!

Have a good one!

Beto

Reply With Quote

NothernSky

Member

GLI

Join Date: Nov 24th, 2004
Location: Monterrey
Posts: 451
Vehicles: VW 2007 Jetta GLI, VW 2006 Jetta TDI, VW 2001 Jetta TDI, VW 1997 Jetta TDI

AQS Specific Location

01-11-2011 08:03 PM [Reply](#) #32

Just FYI,
Here where the Air Quality Sensor goes on the Engine Bay



OEM+ FTW

[Reply With Quote](#)

BETOGLI

Member

GLI

Join Date: Jul 15th, 2010
Location: MEXICO CITY
Posts: 4,203
Vehicles: 2007 JETTA GLI, 2012 GOLF GTI 35TH ANNIVERSARY

01-11-2011 10:42 PM [Reply](#) #33

Originally Posted by NothernSky
Just FYI,
Here where the Air Quality Sensor goes on the Engine Bay



Thanks for sharing this info! 🙏

[Reply With Quote](#)

digitalextremes ◉

Member



Join Date: Jan 16th, 2011
Location: Toronto
Posts: 901
Vehicles: 2010 Jetta TDI

02-05-2011 08:22 PM

[Reply](#)

#34

Can anyone tell me if I can put this control unit in my 2010 Jetta TDI Highline?

Or Can I put this?



The stock one in the 2010 Jetta TDI sucks, does not display temp, just a dial to set the temp...

Last edited by digitalextremes; 02-06-2011 at 04:57 AM.

[plan-analyse-execute-evolve](#)

[Reply With Quote](#)

BETOGLI ◉

Member

02-06-2011 12:54 AM

[Reply](#)


#35

Originally Posted by **digitalextremes** ►

GLI

Join Date: Jul 15th, 2010
Location: MEXICO CITY
Posts: 4,203
Vehicles: 2007 JETTA GLI, 2012 GOLF GTI 35TH ANNIVERSARY

Can anyone tell me if I can put this control unit in my 2010 Jetta TDI Highline?
Or Can I put this?



The stock one in the 2010 Jetta TDI sucks, not displays or temp on screen temp setting, just a dial to set the temp...

If the Climatronic in the pic you added fits in your car, let me know and we can do business Man!
Have a good one!
Beto

Reply With Quote

Page 1 of 4 1 2 3 4 Last


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Digital Point modules: Sphinx-based search

http://forums.vwvortex.com/showthread.php?4938269-OEM-MKVI-Climatronic-on-a-MKV-on-a-RNS-510-Screen-installed

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