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Thread: Golf R Remote Start - OEM Style DIY

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imdarkrider

Member



Join Date: Oct 18th, 2005
 Location: In the bushes
 Posts: 944



☐ Golf R Remote Start - OEM Style DIY

01-16-2013 08:54 PM

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#1

DIY for a remote start with the OEM remote by hitting lock 3x to start your car
This does bypass the clutch, if your car is in gear - you will start driving with you in or out of it.
Do not install this if you, or someone else leaves your car in gear.

At this time this is for Kessey cars only. This includes all MK6 application (golf, gti, gli etc.)

These instructions are for cars with a clutch. If you have an automatic, look for the *in the post as those will be what applies to you.

Parts List:
 Directed/Nexgen DB-ALL
 Programmed with software 401.VW02 3.25 - configured in RSR mode - not standard mode. (if you're buying this online most people will ask if you want it programmed, just give them that software number.)
 One Valet programming button
 2 - 1 amp Diodes (radio shack has these)
 Valet Key

Tools:
 Cutters
 Strippers (the metal ones 😊)
 Tape
 Torx bit (t15)
 Plastic panel popper



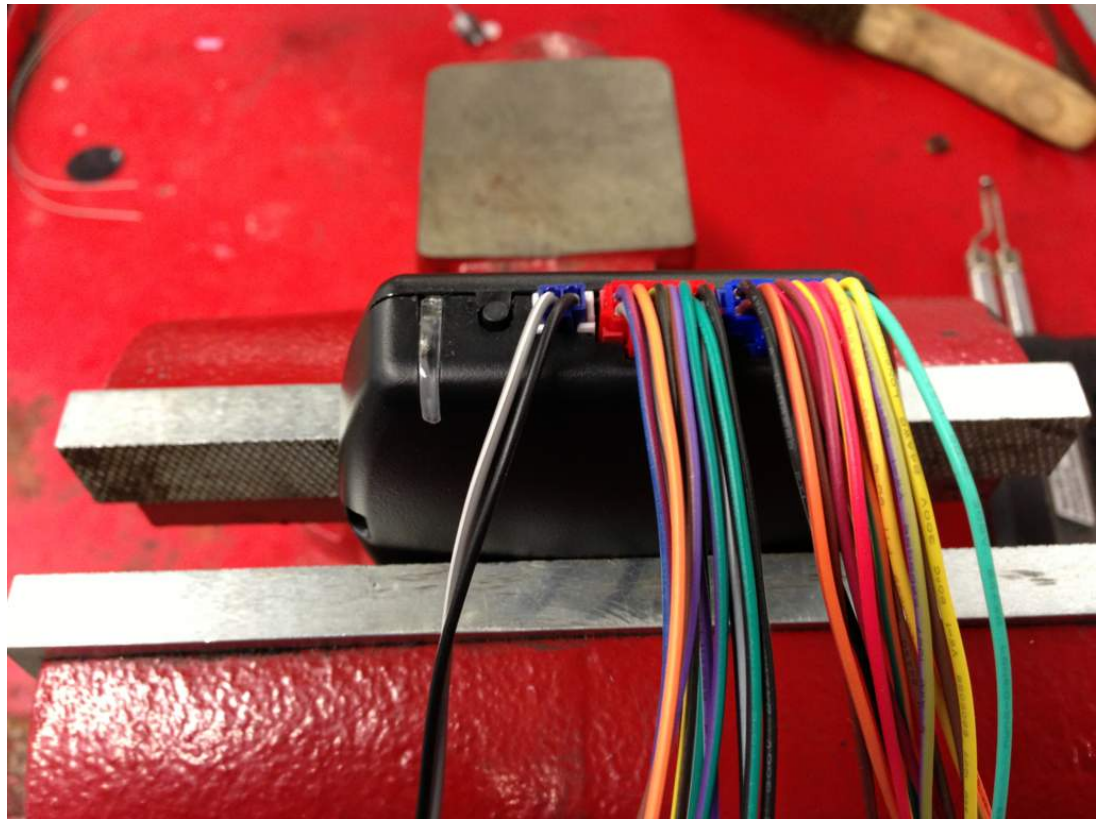
Here are all the parts you need for this install
Program the Dball - or have it programmed when you order it for RSR configuration



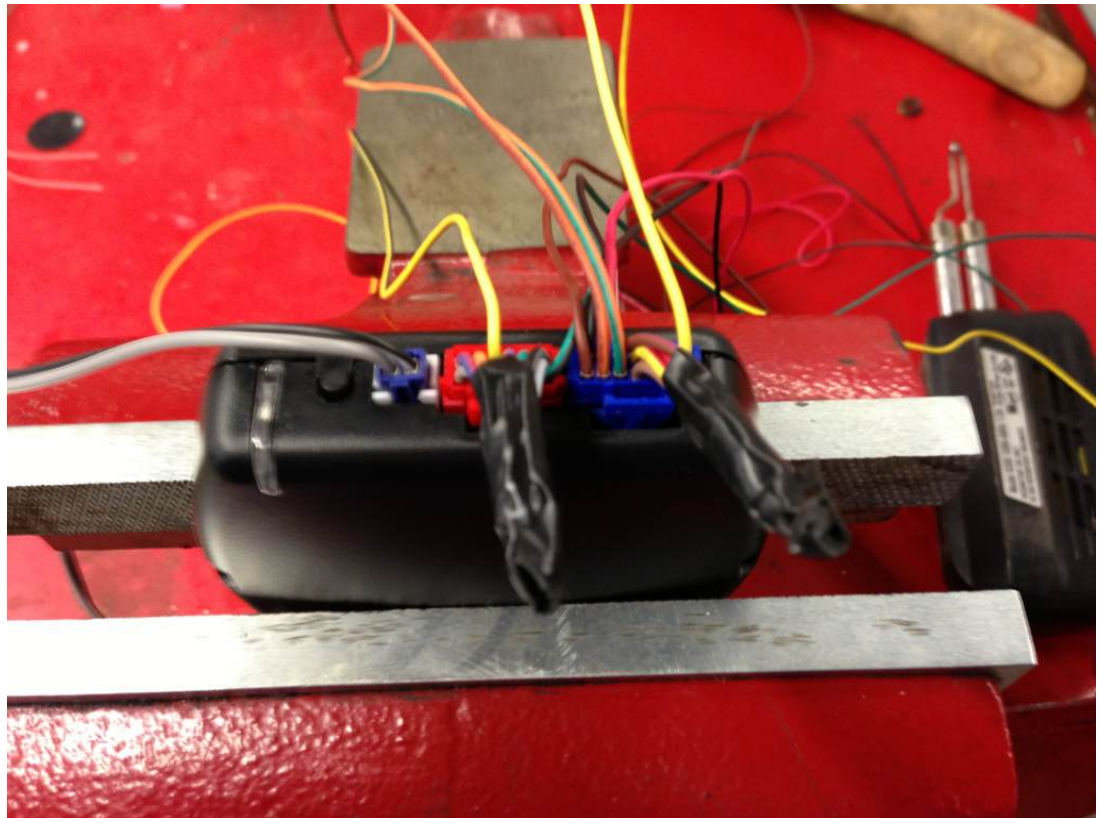
Cut the tip off of your valet switch



like so



Plug in the valet switch, the red connector, and blue connector



Cut out the wires you don't need (I was testing something on this install so ignore the excess wires)
Here's the wires you need:

Red plug:
Green with Black
*automatic cars need Gray wire

Blue plug:
Brown
Red
Black
Yellow
Orange with Green
Orange with Brown

*The Brown and Yellow wire are not needed for automatic transmissions

I'm going to give you two options here:

Unsafer - Connect the brown wire from the blue plug, directly to the black wire on the dball

Safer - Connect the brown wire from the blue plug to the wire found at the e-brake (sorry don't have a picture) - This will make it so when you pull up the e-brake it sends a ground pulse into the brown wire, which (when activated) the dball then sends that ground pulse to the clutch to bypass it.



Tape off excess wires and twist together if desired



Notice the directions of the diodes on the very first picture of this post. You need to have the white stripes facing the green/black wire. If you're looking at the orientation of the diodes in the first picture the green/black wire would be connector to the RIGHT side of those diodes, and the left sides would be your output. Use extra wire that you cut off from the dball and connect it to the opposite side of the diode like so.



Take one of the sides of the wire from the cut valet switch and wrap it around your valet key like so.



Tape it up so it's secure. Make sure you have a nice even wrap around the key.

(42DD downpipe photo bomb)



Start removing the steering cover. Use a PLASTIC (metal will scratch the **** out of this) panel popper, and push in where the two panels meet together



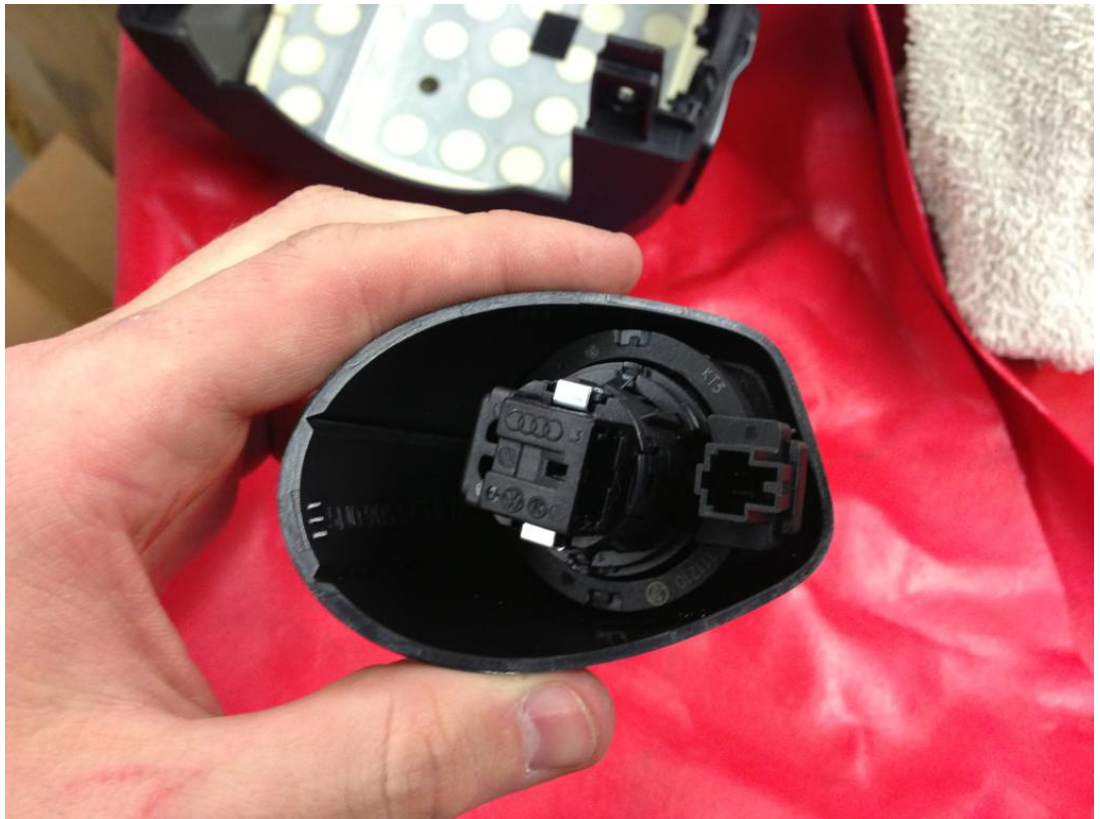
Once popped, it will expose the torx bit. There is one on each side



There is one torx bit under the column



unclip the two harnesses and Remove the lower panel



Remove the PTS assembly. You can use your plastic panel popper and wedge on the outside of the panel between the PTS button and panel. It will pop off around the edges.



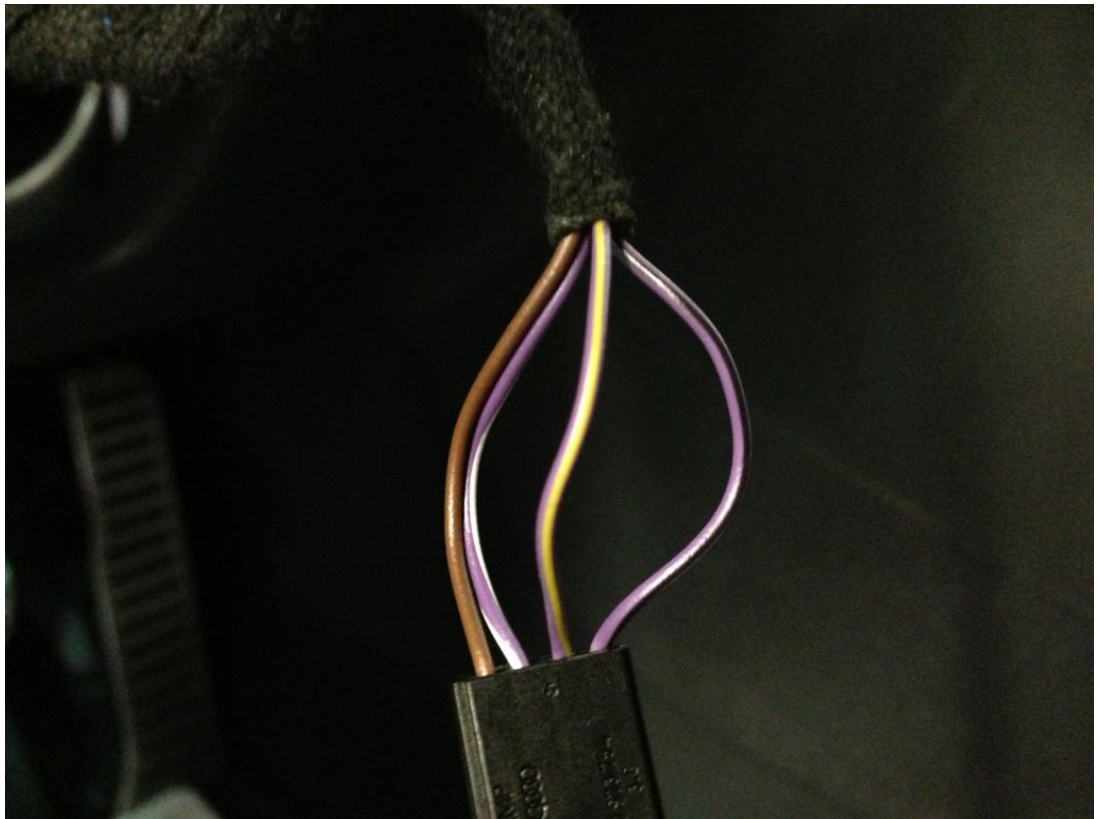
Remove the immobilizer ring from the PTS



Wrap 3 loops from the other side of the cut valet switch wire. Tape it up.



Put back the PTS and run the wires from the immobilizer like so. Note: at this time you can connect the other side of the valet switch that you cut to make a completed wire.



Connect the two wires opposite the diode to the ignition. You will connect these wires to the purple/black and purple/yellow.



Next remove the brown plug from the BCM located above the OBD2 port on the drive side



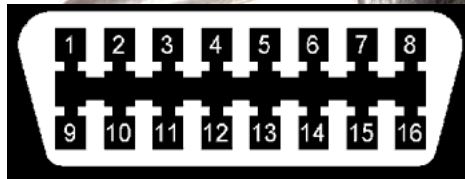
Sorry for the ****y picture, but honestly you don't need it.
 Look for the only pair of twisted wires in this harness. They are your CAN wires. Connect as follow:
 Orange with Green connect to orange/green wire
 Orange with Brown connect to orange/brown wire
 Can't get much easier than that.

Connect the Yellow wire from the Dball to the Violet and White wire. That's your clutch wire.

*Connect to Gray wire to the black/red wire - For automatic cars only!



Next remove the OBD2 panel to access wires behind it



Connect the red wire from the dball to Pin 16 (should be red/white)
Connect the black wire from the dball to pin 4 (should be brown)

Pins are view from the FRONT , not the BACK.

After all this is done lets start programming this bad boy...

Plug in all the harnesses to the dball
(key must be in car)
Push unlock on the OEM remote
Cycle the ignition (do not start car)
Wait 4 seconds (if dball flashes green then goes out, stop and don't go to next step)
Turn car off
Cycle ignition again - dball should flash green then go out.

You're done!

Close all doors, make sure car is not in gear, press lock 3 times and your car shall start. Put all panels back together and enjoy.

Side notes:

Your doors will not unlock with OEM remote while the car is running, unless you use a VAG to program the remote to work while car is running.

You can program heated seats to work at last on point with VAG as well.

If you want to add a kill switch (service switch) plug the black connector into the dball. Cut all wires except white/black. Hook one side of the switch up to that wire, then the other side up to the black wire on the blue plug. When turned on the dball will not work.

The car should not start while the hood is opened - test this to make sure. That way a mechanic doesn't kill themselves.

Roll down your window, remote start the car with all the doors lock, reach in the car with your hand and open the door after the car has started. It should shut off after you open it like that. This is to prevent it from being stolen.

If you come across this error - follow these steps

If the car will not start after hitting lock three times, and the dball flashes 7 red lights, it needs further programming. Do these steps:

-Turn the car on, then off

-Press and hold the button on the Dball

-Release that button once the light turns orange

-It will now flash green, then with flash red.

-You want One green flash - and 3 Red flashes. If you don't have 3 red flashes hit the lock button on your remote to cycle through the different programming.

-Once you have 3 red flashes, press and hold the button on the dball till the orange light turns on
Release programming button - and try again.

Again, please be safe. Don't do this if you believe there is even a .0000001% chance of being in gear.

Post questions you might have, or if you need help.

Enjoy!

Last edited by imdarkrider; 03-10-2013 at 11:11 AM.



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Rebellionelite ▾

Member

Join Date: Mar 4th, 2010
Location: Winnipeg
Posts: 1,289
Vehicles: 2013 .:R RB

01-16-2013 08:56 PM [Reply](#) #2

I wish I lived in cleveland right now. lol

I will send you \$20 if you cant find anyone to reverse engineer this!

Last edited by Rebellionelite; 01-16-2013 at 09:41 PM.



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Rfosho ▾

Junior Member

Join Date: Nov 7th, 2012
Location: va
Posts: 24
Vehicles: r

01-16-2013 09:59 PM [Reply](#) #3

Bump Bump.



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flipstah ▾

Member



Join Date: Sep 29th, 2012
Location: 403, Canada
Posts: 653
Vehicles: Bagged Golf R, Land Rover Series III

01-16-2013 11:36 PM [Reply](#) #4

I'm in Canada and I'm cold.

I NEED THIS.

I'm willing to donate to a fund if you can successfully provide instructions.

[Fly with me on Instagram!/:Travel Blog Tickle Your Fancy? Click This!/:Meet CPTNSLW](#)



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memorylasts ▾

Member

Join Date: Dec 27th, 2005
Posts: 112

01-17-2013 12:29 AM [Reply](#) #5

Subscribed!



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GenMan ▾

Member



Join Date: Oct 31st, 2010
Location: Grandville MI
Posts: 743
Vehicles: 2012 Golf .:R 2DR
CGM MK4 Jetta TDI RC3 T4 nozzles

01-17-2013 12:41 AM [Reply](#) #6

Parts list please... Thinking of making the trip.



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Rebellionelite ▾

Member

Join Date: Mar 4th, 2010
Location: Winnipeg
Posts: 1,289
Vehicles: 2013 .:R RB

01-17-2013 01:22 AM [Reply](#) #7

<http://www.amazon.com/Xpres-DBALL-Da.../dp/B0047Q9AXG>

I think he got something like this, am I correct? Does this not bypass the immobilizer?

2013 R [RB](#) - HPA Comp Controller - HPA Red 75A Motor Mount - HPA Short Shifter - HPA HPFP - Unitronic Intake - 42DD Shifter Bushings - TyrolSport Solid Shifter Bracket Bushings - TyrolSport Deadset Rigid Subframe Collar Kit - Carbotech Bobcat 1521 (Daily) - Carbotech XP12/XP8 (Track) - Unibrace UB - Euro Springs - Podi True Blue Boost Gauge - LED Tails

DaLeadBull ▾

Member



Join Date: Feb 14th, 2011
 Location: Northampton, PA
 Posts: 2,211
 Vehicles: '12 Golf R

01-17-2013 06:30 AM [Reply](#) #8

Pretty cool but I never park my car in neutral so it won't be useful for me.

ginsy ▾

Member



Join Date: Jan 28th, 2007
 Location: Boston
 Posts: 1,223
 Vehicles: 2012 CW Golf R

01-17-2013 07:20 AM [Reply](#) #9

Do you have a parts list available? I don't live anywhere near cleveland but could definitely use this.

And is there any VAG coding needed?

TIA 🙏

Avought82 ▾

n00b



Join Date: Oct 3rd, 2012
 Location: Mentor
 Posts: 8
 Vehicles: 2012/VW/Golf R,
 2004/Nissan/350z, 2001/Audi/b5
 S4

01-17-2013 07:27 AM [Reply](#) #10

I live in mentor 20 minutes from Cleveland, definately interested in doing this

imdarkrider ▾

Member



Join Date: Oct 18th, 2005
 Location: In the bushes
 Posts: 944



01-17-2013 08:17 AM [Reply](#) #11

Originally Posted by **GenMan**
Parts list please... Thinking of making the trip.

Coming soon

Originally Posted by **DaLeadBull**
Pretty cool but I never park my car in neutral so it won't be useful for me.

Yea this is not for you... or your insurance company :-)

Originally Posted by **ginsy**
Do you have a parts list available? I don't live anywhere near cleveland but could definitely use this.
And is there any VAG coding needed?
TIA 🙏

no VAG needed

Originally Posted by **Avought82**
I live in mentor 20 minutes from Cleveland, definately interested in doing this

I have someone with kessy that PMed me yesterday, you have standard or Kessy?

VR420man ▾

Member

Join Date: Jun 13th, 2009
 Posts: 1,256

01-17-2013 08:22 AM [Reply](#) #12

I can't wait for the DIY to be done. I did car audio for over 14 years but have been doing home audio for the last 7 years and I'm super confident I can do this install no problem. Do we need the programmer for the dball.

2013 CW 4D Golf .:R / **UnitedMotorsport stage 2**/ APR RSC TB Exhaust / Forge TwinTake / NSP Golf .:R boost guage / Autotech HPFP.....



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imdarkrider ▾

Member



Join Date: Oct 18th, 2005
Location: In the bushes
Posts: 944



01-17-2013 08:39 AM **Reply** #13

Originally Posted by **VR420man** ▾

I can't wait for the DIY to be done. I did car audio for over 14 years but have been doing home audio for the last 7 years and I'm super confident I can do this install no problem. Do we need the programmer for the dball.

Dball does need to be programed to a specific software and settings, but whoever you purchase that from can do that portion



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VR420man ▾

Member

Join Date: Jun 13th, 2009
Posts: 1,256

Very cool. How many wires need to be hooked up other then pwr.

2013 CW 4D Golf .:R / **UnitedMotorsport stage 2**/ APR RSC TB Exhaust / Forge TwinTake / NSP Golf .:R boost guage / Autotech HPFP.....



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imdarkrider ▾

Member



Join Date: Oct 18th, 2005
Location: In the bushes
Posts: 944



01-17-2013 08:54 AM **Reply** #15

Originally Posted by **VR420man** ▾

Very cool. How many wires need to be hooked up other then pwr.

6 including power and ground



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DaLeadBull ▾

Member



Join Date: Feb 14th, 2011
Location: Northampton, PA
Posts: 2,211
Vehicles: '12 Golf R

Originally Posted by **imdarkrider** ▾

Yea this is not for you... or your insurance company :-)

Just out of curiosity, what would happen if you use the remote start while the car is in gear with the parking brake up. Will it just lurch forward/back and stall or is it a runaway train? 😊



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chicagokid ▾

n00b

Join Date: Dec 4th, 2012
Posts: 9

Subscribed I need this so bad



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imdarkrider ▾

Member



Join Date: Oct 18th, 2005
Location: In the bushes
Posts: 944



01-17-2013 09:03 AM **Reply** #18

Originally Posted by **DaLeadBull** ▾

Just out of curiosity, what would happen if you use the remote start while the car is in gear with the parking brake up. Will it just lurch forward/back and stall or is it a runaway train? 😊

If it gets over that initial stall it'll cruise until it hits something... soooo no good... it anything if you left it in say 6th gear it would jump, but never start completely. leave it in first.... well... that's a youtube video for later. I think if the ebrake was tight enough and it was in gear it would jump forward a couple feet then stall.



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VR420man ▾

Member

Join Date: Jun 13th, 2009
Posts: 1,256

Originally Posted by **DaLeadBull** ▾

Just out of curiosity, what would happen if you use the remote start while the car is in gear with the parking brake up. Will it just lurch forward/back and stall or is it a runaway train? 😊

It may. But if the module has a wire that if it sees ground it won't start then you could hook that wire up to your neutral safety wire from your tranny

2013 CW 4D Golf .:R / **UnitedMotorsport stage 2**/ APR RSC TB Exhaust / Forge TwinTake / NSP Golf .:R boost guage / Autotech HPFP.....



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Rukidding

Member
Join Date: Sep 21st, 2012
Location: Saskatoon, SK
Posts: 105
Vehicles: 1990 Jetta

01-17-2013 09:33 AM [Reply](#) #20

I would love to have this. DIY please.



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imdarkrider

Member

Join Date: Oct 18th, 2005
Location: In the bushes
Posts: 944

01-17-2013 11:07 AM [Reply](#) #21

Originally Posted by **VR420man**

It may. But if the module has a wire that if it sees ground it won't start then you could hook that wire up to your neutral safety wire from your tranny

Not with this system... The ones that use a separate remote can operate as such.



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VR420man

Member
Join Date: Jun 13th, 2009
Posts: 1,256

01-17-2013 11:55 AM [Reply](#) #22

Originally Posted by **imdarkrider**

Not with this system... The ones that use a separate remote can operate as such.

does it have a hood open wire???

2013 CW 4D Golf .:R / **UnitedMotorsport stage 2**/ APR RSC TB Exhaust / Forge TwinTake / NSP Golf .:R boost guage / Autotech HPFP.....



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imdarkrider

Member

Join Date: Oct 18th, 2005
Location: In the bushes
Posts: 944

01-17-2013 11:57 AM [Reply](#) #23

Originally Posted by **VR420man**

does it have a hood open wire???

Yes... but this car does not have a neutral safety wire. It's all through data.



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VR420man

Member
Join Date: Jun 13th, 2009
Posts: 1,256

01-17-2013 12:04 PM [Reply](#) #24

Originally Posted by **imdarkrider**

Yes... but this car does not have a neutral safety wire. It's all through data.

seriously??? im not questioning your know how, but how do you know for a fact it doesn't??

2013 CW 4D Golf .:R / **UnitedMotorsport stage 2**/ APR RSC TB Exhaust / Forge TwinTake / NSP Golf .:R boost guage / Autotech HPFP.....



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nkgneto

Member

☐ Golf R Remote Start - OEM Style DIY

01-17-2013 12:09 PM [Reply](#) #25

Pretty neat!

[AutomobileDaySpa](#)

Join Date: Dec 4th, 2004
Location: West Burbs, IL
Posts: 5,931
Vehicles: 04 VW R32 TRed, 05 Jetta Wagon Blk/Orange

Optimum Authorized Opti-Coat Pro Installer & United Motorsport Flashing - Chicago Area * RacingBrake



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