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Heated Seats

Started by Golf V5 at 03-04-2004 3:03 PM. Topic has 15 replies.

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03-04-2004, 3:03 PM

Golf V5

Heated Seats



Joined on 04-30-2002

United Kingdom

Posts 491

moderator

Heated Seats Retrofit

First off all you will need Heated Seats or Heat Pads

And a wire harness I would only recommend **Foxy** for the harness and the switches

This guide assumes that the seats already have heater elements fitted, and are ready to connect.

For guidance on retrofitting heating elements, see the VAG guide which accompanies your new elements.

In addition, consult your workshop manual or Bentley CD.

Parts list

2 x heated seat switches (1J0 963 564 C & 1J0 963 563 C)

1 x wire harness (special manufacture only, using OEM parts - contact **Foxy** for details)

1 x wire from fuse box to ignition live - only need this if you have got cruise control already fitted

It is recommended you disconnect the car battery positive terminal before any work is commenced.

Wiring Loom Routing

First of all, remove all the panels from the drivers side of the car to gain access to the fuse box and relay buss box on the kick panel at the bottom right side of the drivers well, and lift the trim along the side of the drivers sill NB!! Do not remove this trim just lift it out off the clips.

Now remove the center dash air vents.

I removed the instrument cluster/clocks but did not disconnect them - this was the best place through which to route the wiring loom.

NB!! If removing instrument cluster/clocks, disconnect the main battery terminal positive before doing so.

As you look at the end of the wiring harness you will see two connectors like this in **Pic 1**



Pic1

One has a blue band on and the other has a red band.

The colour coding helps to determine left and right – it is the same colour as the switch rear bodies.

From the left hand side of the steering wheel feed the wire up and in to the clock housing and then along the back of the housing and in to the air vent area of the dashboard.

Now, remove the two blanking plates from the Air vent surround and push home the switches. Connect the two plugs to the respective colour coded control switches and replace the air vents into the original locations.

Now you need to feed the wiring loom down the side of the door pillar and along the side of the driver's sill.

You will see a black cross bar (onto which the seat runners mount) with a gap where wires are already routed.

Feed the wiring loom to follow the existing loom, and then under the carpet to the exit point of the air bag harness wiring.

I found it easier to take the seats out, and to do this make sure you follow the correct procedure for this taking care with the air bags.

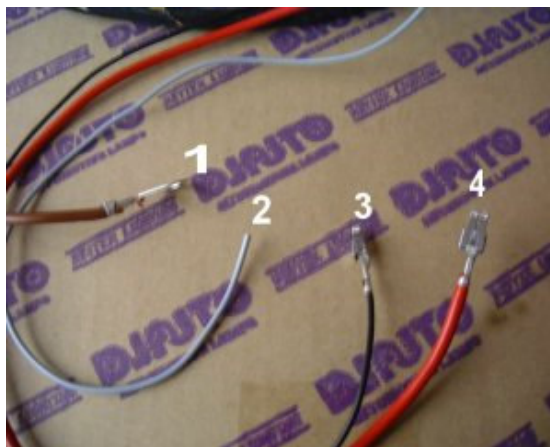
If you are unsure about handling airbags, leave this part to a suitably experienced person. **THIS IS YOUR RESPONSIBILITY.**

Remove the centre console over the hand brake to allow the wire to feed through for the passenger seat.

Feed the wire up and over the to the exit point of the wire harness of the air bag, as before.

Wiring Connections

There are 4 wires to connect see **Pic 2**

**Pic 2**

- 1 = earth " ring terminal (**Brown**)
- 2 = illumination wire " bare end (**Grey**)
- 3 = switched positive 12V " female terminal (**Black**)
- 4 = permanent positive 12V " larger female terminal (**Red**)

You will have to remove the two Nuts at either side of the relay box to connect
The Black wire and the spare fly wire red

The connections are made as follows;-

Brown wire (Earth)

As you look under the drivers side off the dash you will see a nut with two brown wires having ring terminals - connected to the chassis of the car via the stud and fastening nut.

Remove the nut and place the new ring terminal over the stud as per the picture, then tighten back up see **Pic 3**

**Pic 3**

Grey wire (illumination)

I connected to the light switch dashboard illumination circuit using a scotch lock
the wire is grey blue

This allows the new switches to illuminate with the other controls at night.

Now you will have to remove the fuse box.

This is held in place with two torx screws.

Loosen the fusebox unit and twist it around to gain access to the back (wiring)
side.

To the back is a hinged lid - release the lid by unclipping, so you can see all the connections.

Black wire (switched positive 12V)

There are three ways this can be connected depending on whether you have cruise control fitted.

- 1) Use a spare fuse way in the fuse box. (the fuse needs to be rated at 7.5 amps and is a micro-blade small fuse)
- 2) Connect to the existing wire - you will have to upgrade the fuse to a 10 amp.
- 3) Connect to S5 of the fuse box

[The "Spare Fuse Way"™ Method:]

1) Find a spare fuse way - one of the small ones at the top of the fuse box. You need to push the black wire in to this space

The connectors are held in place with a purple locking clip mechanism see **Pic 4**



Pic 4

You need to release this clip by lifting it up about 6 mm see **Pic 5**



Pic 5

Please note this is NOT actually where to connect the black wire - The pic is an example of the locking clip works .

Now push the black wire in place at the same time push the wire (not supplied) yellow in to the other side of the fuse holder, this wire can be got at a dealers. Push the purple clip back in place to hold the connectors in place now you need

to connect the yellow wire as you look at the buss realy you will see a nut on the bottom to the far left with 75 or 15 marked on it connect to it this a ignition switched positive 12V feed.

2) Cut the connector off the end and use a scotch lock the make connection this is to S5 Fuse I have no Pic as have not done it this way but you need to upgrade the fuse to a 10 amp

3) If you do not have cruise control, then you connect to S5 of the fuse box. You will see a connector/feeder wire already in place - so place the black wire to the spare hole and insert a 7.5A fuse

Red wire (permanent positive 12V)

This must be connected to the fuse box and then to the relay buss bar. It provides the heavy main current feed for the heater elements.

You will see in the kit there is a short red feeder wire about 30cm long;- this is used to connect to the buss bar and fuse box see **Pic 6**



Pic 6

Find a spare fuse; a large blade type; as you look at the fuse box you will see a spare at the bottom left (S244) " unused -see **Pic 7**

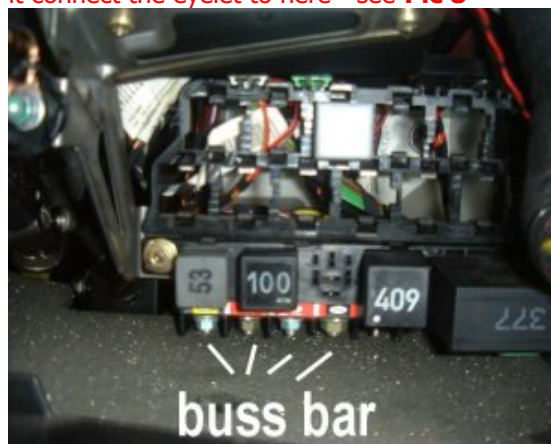


Pic 7

You need to undo the purple clip as before in **pic 5**, and push the red wire on the harness in to the hole and push the short red feeder wire in to the hole next to it and then push the purple clip back down in place to hold the connectors. You need to equip the fuse box with a 15 amp fuse.

Now you need to connect the other end of the wire to the Buss bar.

You need to connect it to one of the red 30A feeds as you look at the buss realy you will see a nut on the bottom third one from the left it will have 30 marked on it connect the eyelet to here - see **Pic 8**

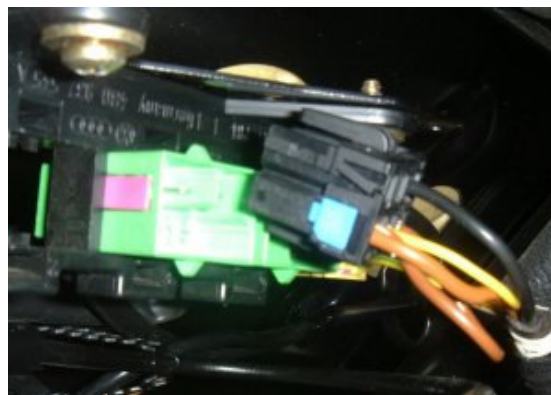


Pic 8

Now the main wiring is complete, you need finally replace your seats and connect the harness plugs to the green heater element connectors under the seats see **Pic 9 & 10**



Pic 9



Pic 10

Finally, reconnect the car battery (all heater switches off), and test the new heaters.

This should take about 3 hours to complete

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03-04-2004, 3:13 PM

 **Foxy**



Joined on 06-06-2002
United Kingdom
Posts 2,962

Heated Seats

Really excellent work jimmy.

Thanks for taking the time and considerable effort to share this invaluable 'how-to' with us.

You are da-man!



[Report](#)

04-07-2004, 12:41 AM

 **JNV**



Joined on 06-06-2003
Spain
Posts 11

Heated Seats

Thanks to foxy I have known this post. And am exactly what she was looking for, now only I has left to compile all the material and to put hands to me to the work.

Despite if I have some doubt I will ask to you.

Thanks Golf V5 and Foxy, greetings,

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04-07-2004, 2:16 PM

 **Golf V5**



Joined on 04-30-2002
United Kingdom
Posts 491

Heated Seats

Glad to help

[Report](#)

moderator

04-07-2004, 4:58 PM

 **Foxy**



Joined on 06-06-2002
United Kingdom
Posts 2,962

Heated Seats

Your loom and switches are on order Javier...i'll send asap!



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09-16-2004, 8:13 AM

LiQuOrIcE



Joined on 10-29-2002

Posts 1,369

moderator

Heated Seats

Phew, glad this is still here, hoping to use this guide soon Jimmy!

[Report](#)

09-16-2004, 2:40 PM

Golf V5



Joined on 04-30-2002

United Kingdom

Posts 491

moderator

Heated Seats

glad to be of help

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01-03-2005, 7:07 AM

curley



Joined on 10-24-2004

England

Posts 244

Heated Seats

Just used this how-to, Many thanks Jimmy(Golf v5)Very easy to follow and works like a dream (Warm ar5e from now on). Cheers foxy for the loom...

[Report](#)

03-30-2005, 5:30 AM

Bazrazmataz



Joined on 09-08-2004

England

Posts 608

Heated Seats

Can one seat be wired up and working or do they both need plugging in ? I only have the heat elements for one seat

[Report](#)

03-30-2005, 5:45 AM

EddyH



Heated Seats

As it's a seperate switch and connector for each seat I don't see any reason why you can't just connect one for now.

EddyH



Joined on 08-13-2002
Pontefract, West Yorkshire
Posts 945



[Octavia 4x4 1.8T with Custom-Code, Click For Graph](#)

[Report](#)

04-02-2005, 4:57 AM



Bazrazmataz

Heated Seats



Joined on 09-08-2004
England
Posts 608

Can anyone explain this line :

Grey wire (illumination)

I connected to the light switch dashboard illumination circuit using a scotch lock the wire is grey blue

This allows the new switches to illuminate with the other controls at night.

I already have my bora vents feeding of this line with the bora loom from chris how do i link this in ?

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04-02-2005, 8:16 AM



Golf V5

Heated Seats



Joined on 04-30-2002
United Kingdom
Posts 491

just scotch lock to the wire where you feed your bora vents from

[Report](#)

moderator

04-02-2005, 2:26 PM



Bazrazmataz

Heated Seats



Joined on 09-08-2004
England
Posts 608

Any links to a guide on how to get the cloth off the foam on the seats this seems very tricky

[Report](#)

04-03-2005, 6:34 AM



Bazrazmataz

Heated Seats



Joined on 09-08-2004
England
Posts 608

My wiring loom has arrived without any red or blue sticker on the plugs how will i know which is which

[Report](#)

04-03-2005, 8:04 AM

Heated Seats

 **Bazrazmataz**

How do u feed the loom to the passenger side ?




Joined on 09-08-2004

England

Posts 608

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 04-05-2005, 3:48 PM

 **Bazrazmataz**

Heated Seats



Joined on 09-08-2004

England

Posts 608

Ive hooked up my passenger seat but the heat seems very very low any ideas what could be causing this

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