

# Beginning

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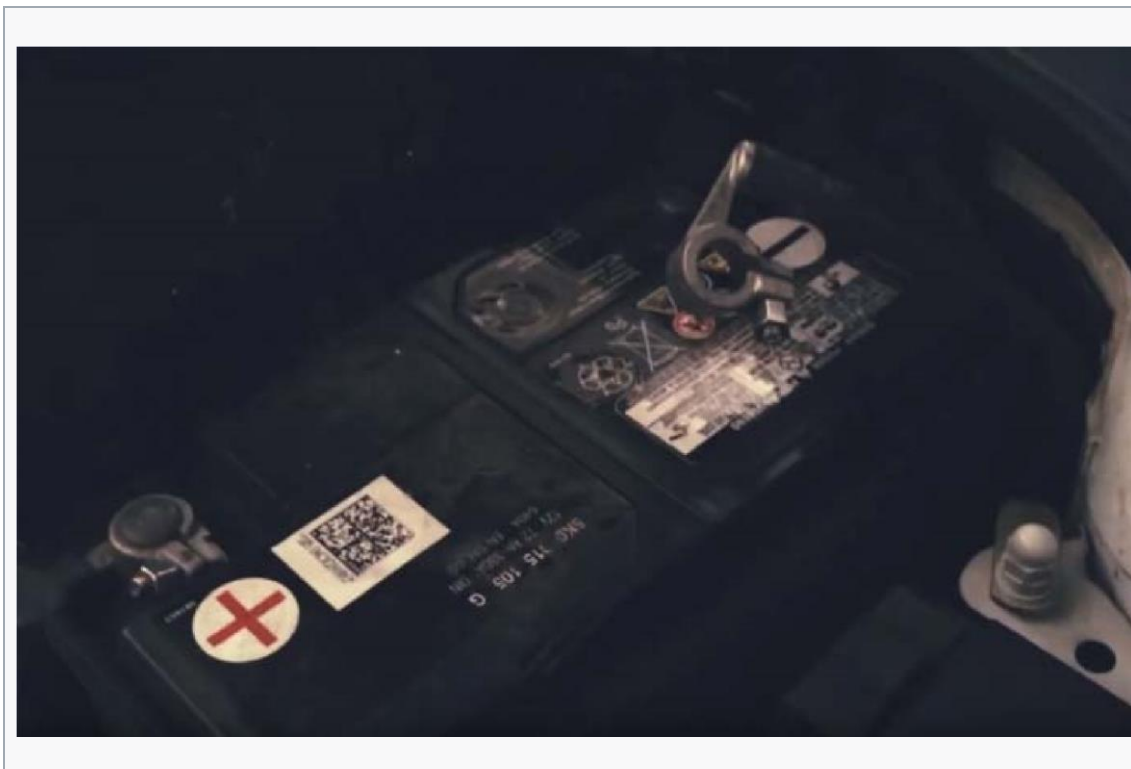
First of all, thanks for buying PolarFIS, throughout this manual we are going to explain how to install your new PolarFIS.

To install PolarFIS, you will need the following tools:

- Blade screwdriver
- 10mm Socket
- Torx Wrench T20
- Plastic bridles (Zip-ties) to hold PolarFIS device

After this, check that your PolarFIS unit has the latest firmware version available for your vehicle. If you do not update, nothing will appear in your FIS display. There are different firmwares for different platforms and displays, so it is very important to have the correct one. For upgrade your device to the last version, go to the official website [AutoPolar](#) and download [UpdaterTool software](#) (.exe file). You will find a direct link at the upper position of this website.

**IMPORTANT :** Because during the PolarFIS installation some elements of the vehicle, like the lighting system control and the Gateway must be disconnected, it is advised to disconnect the battery before coming to the installation.

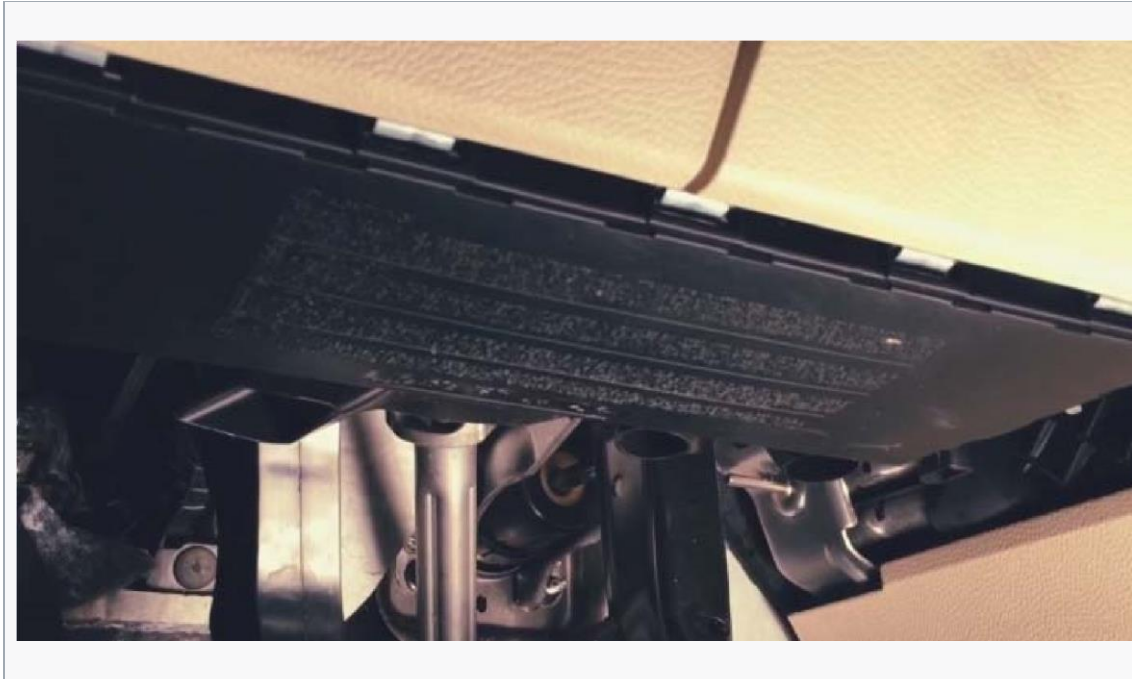


## Disassembly

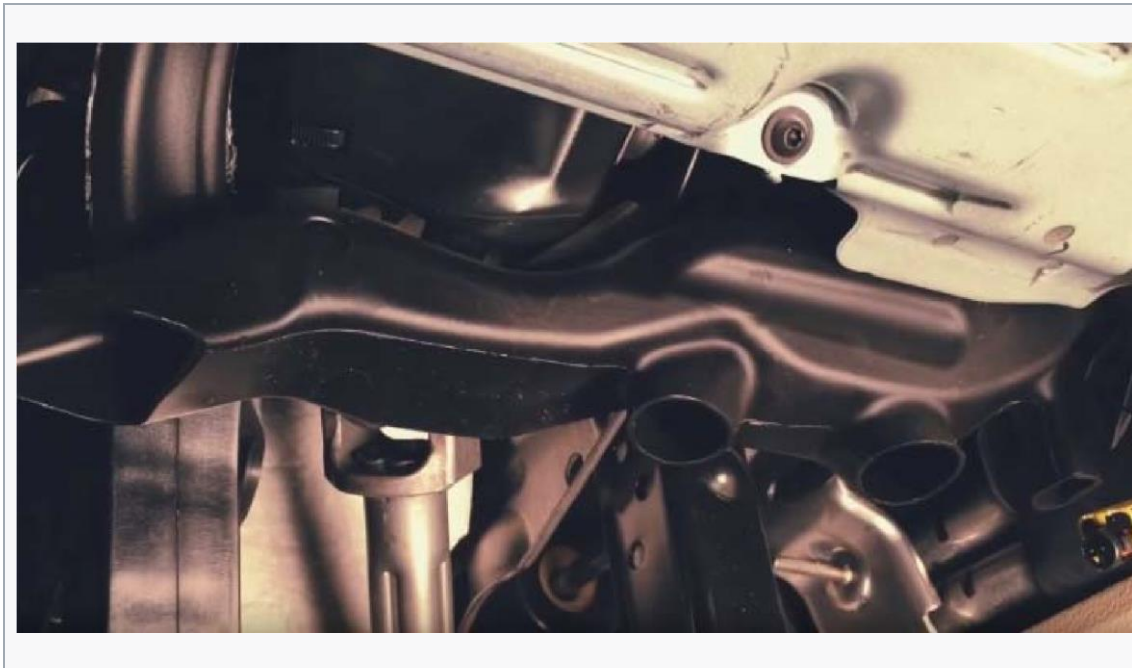
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For the installation of your PolarFIS, we leave here some helpful photos taken by Austin from TrackTuned in his video [Polar FIS Unboxing / Install / Setup - 2014 VW Jetta Sportwagen TDI](#).

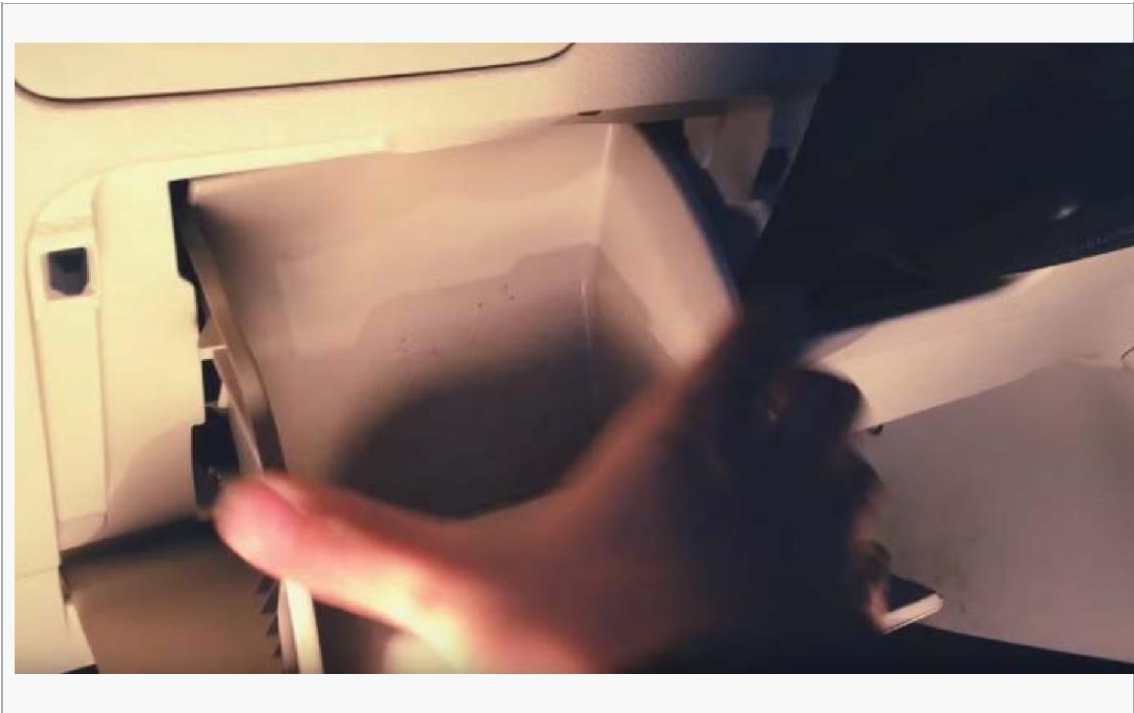
For start, we will have to remove the Airbag module. This module have 2 screws in each side (4 screws in total).



Once it's out, we will need to remove the air duct.



For disassemble the air duct, we will need to remove 2 screws, so first of all we will need to remove the small drop down compartment on the left of the steering wheel by squeezing the sides toward the center and pulling downward (see the image below)



Once you finish to remove the small drop down, here you can find the 2 screws (see images below)





After remove the air duct, you will see easily the Gateway module here:



(and a big Thank You to Austin from Tracktuned.com for these pictures)

## Connecting your PolarFIS

**IMPORTANT** : Before coming to connect PolarFIS, it is advised to disconnect the battery of the vehicle or in lack of that, to remove

the contact of the vehicle since the Gateway is the central unit that interconnects all the electronic modules of the vehicle.

Now we must connect the Gateway connection to PolarFIS, and after then, PolarFIS to the Gateway of the car, therefore to make a “bridge”. After this, you will have already connected your PolarFIS, now you will have to fix it with the aid of plastic bridles.

**IMPORTANT** : Make sure that the connectors are perfectly fitted, once you have connected your PolarFIS.

## Finishing installation

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Before returning to place the equipped ones, connect the vehicle battery and put the contact in order to verify that you have a new menu called PolarFIS within FIS screen of your vehicle. If you are not able to accede to this screen, it is probably that there is a loose or wrong place connector, you should verify again that everything is correctly connected. Once you have made this verification, remove the contact of the vehicle and comes to mount all the disassembled pieces again, following the same steps but the other way round.

**IMPORTANT** : You should take into account that after disconnecting the battery of your vehicle, perhaps the memory of some accessories is loosened, as for example the windows or the limits of the power-assisted steering.

In the **case of the windows**, you will have to put each window down until the end, and later you must put it up again so that the ECU of the door memorise all the possible positions. This process must be done in each window of the vehicle.

In the **case of the power-assisted steering**, if failure lights are on, you may do the following: With the car stopped, slowly turn the steering wheel until the left limit and keep it only few seconds. Secondly, turn it again until the right limit and keep it because later you have to turn again the steering wheel until its central position. Finally, drive some meters with the steering wheel totally straight and the failure lights of power-assisted steering will disappear. Now you can erase the errors with the VAGCOM and the process will end.

From that moment on, the process of PolarFIS installation will have finished