

VW Golf R Mk8 Big Boost Pipe Fitting Instructions

Tools needed:

- Ratchet and Socket Set
- Torx Sockets
- Hose clamp pliers
- Jubilee flexi-driver
- Trim tool or flat-bladed screwdriver

Kit Includes:

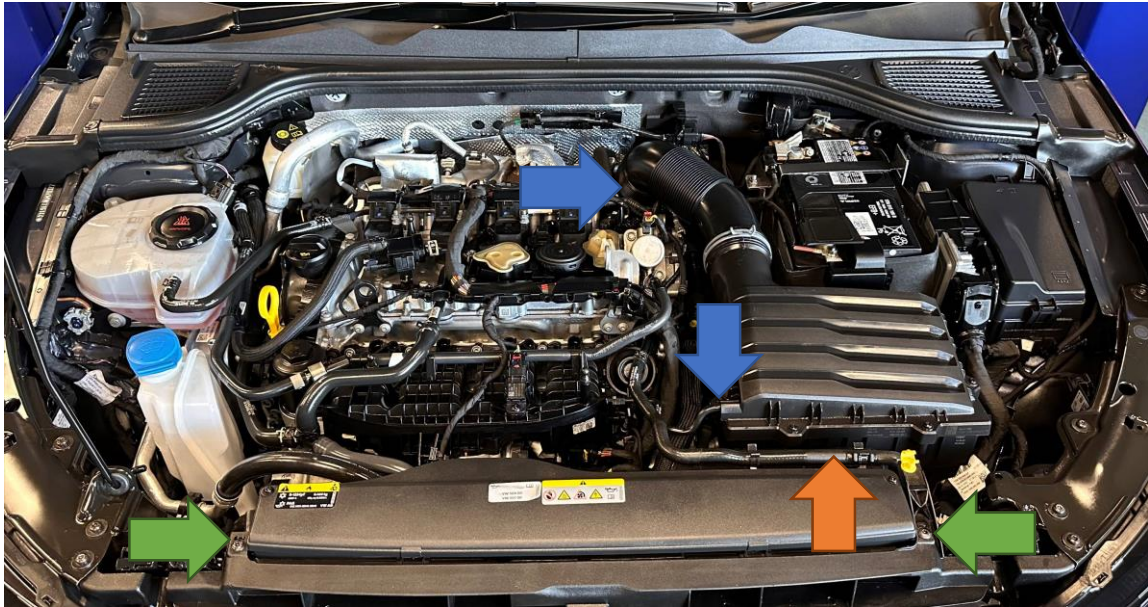
- 3x AIRTEC Motorsport alloy boost pipe
- 5x Pro Hoses silicone hose
- 4x M6 Pan Washers
- 3x M6x16mm Socket Head bolts
- 1x M6x12mm Socket Head bolt
- 9x 80mm Jubilee clips
- 1x 70mm Jubilee clip

PLEASE THOROUGHLY READ THESE INSTRUCTIONS AND MAKE SURE YOU ARE FAMILIAR WITH THE STEPS BEFORE CARRYING THEM OUT



Instructions

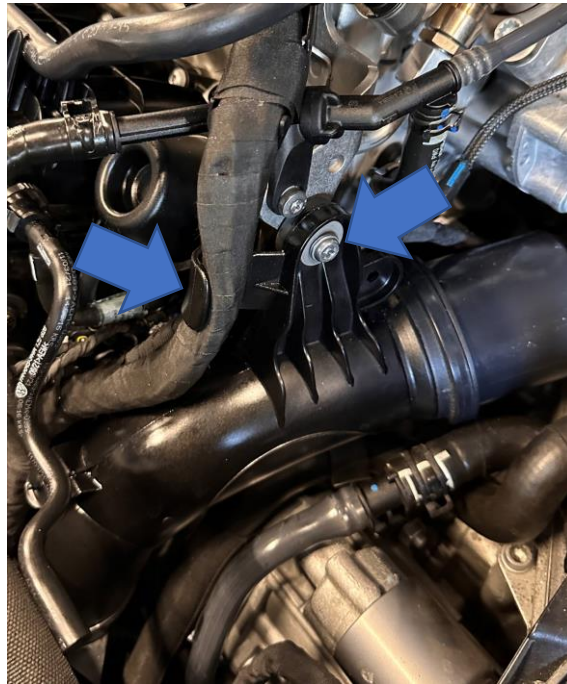
1. Open the bonnet and start by removing the air box by undoing the jubilee clip at the back and remove the vacuum line from the front (highlighted with blue arrows). Then lift the air box from the back to release it from the rubber mounts. Raise it just enough that you can then unclip the recirculation hose (highlighted with orange arrow) and the whole air box assembly can then be removed. Undo the two T25 Torx bolts (highlighted with green arrows), move the coolant hose aside and then remove the air feed.



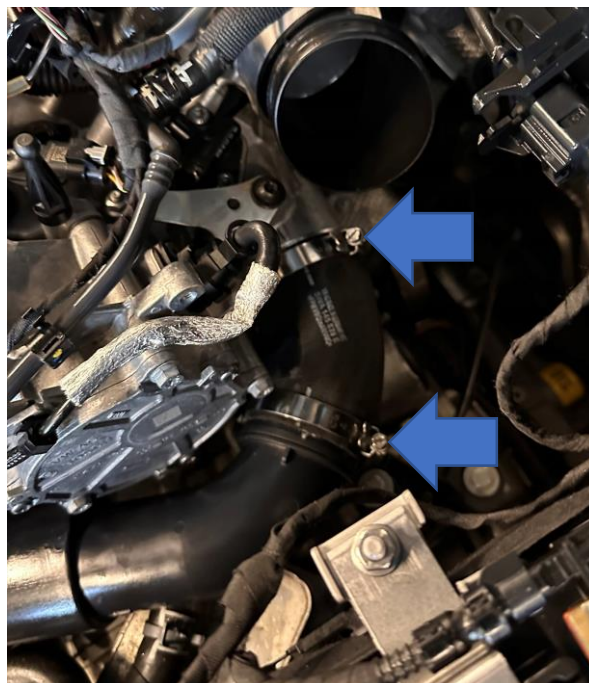
2. Remove the recirculation hose from the car by using a pair of hose clamp pliers to squeeze the spring clip and then pull around the base of the hose to remove it. Then release from the two trim clips holding it onto the boost pipe.



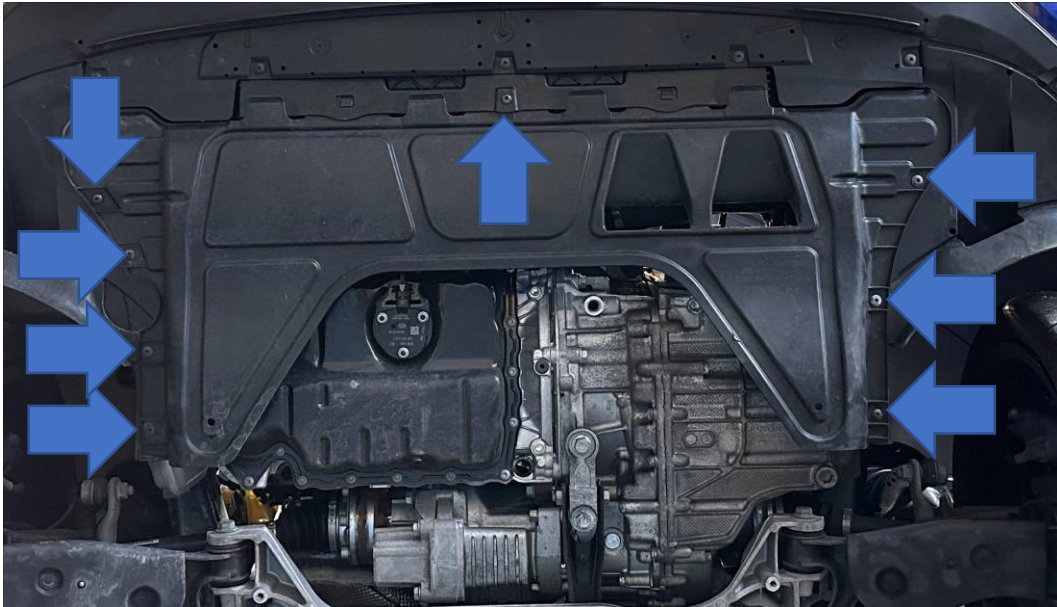
3. Unhook the wiring harness and using a T27 undo the Torx bolt attaching the boost pipe to the engine. The bolt will not fully come out as it is attached to the rubber bushing.



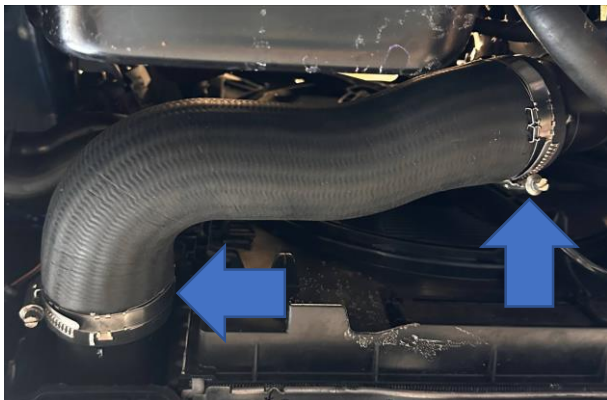
4. Undo both jubilee clips holding the hose onto the turbo and then remove from the car.



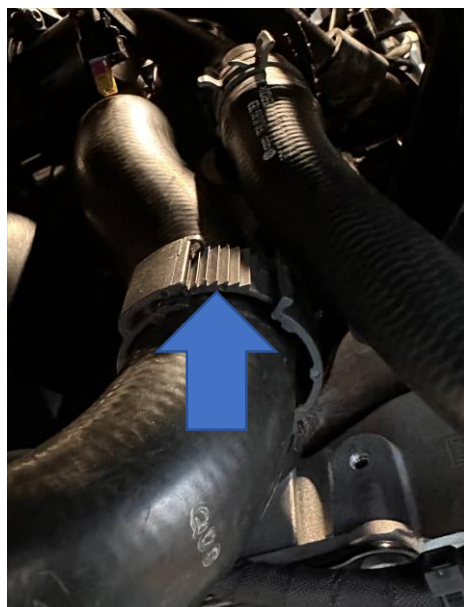
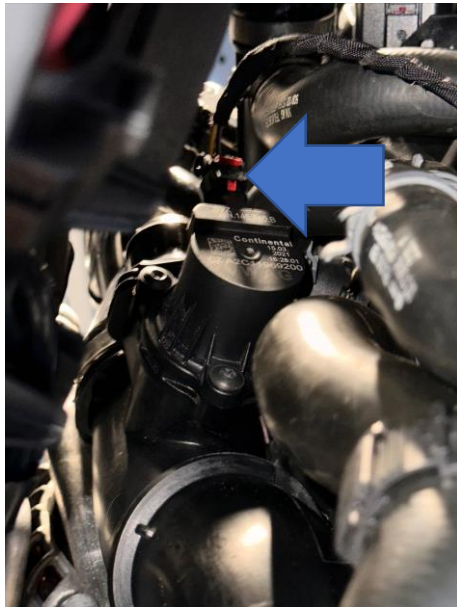
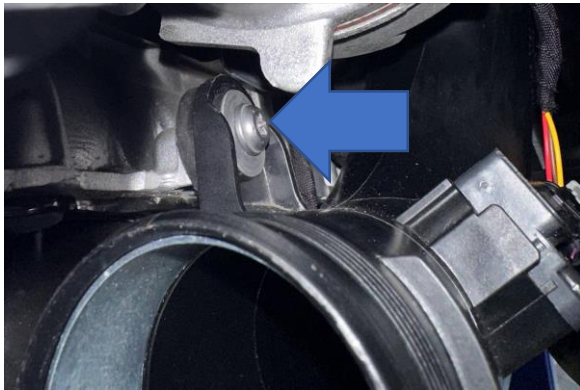
5. Locate the jubilee clip attaching the original hose to the throttle body and undo it.
6. Working under the car now remove the undertray by undoing the eight T25 bolts and then pull towards the back of the car to release.



7. Remove the hoses going to the intercooler by undoing the four jubilee clips.



8. Undo the two T27 bolts attaching the left-hand boost pipe to the car and release the plugs going to the MAP sensor and the one higher up connected to the recirculation valve. Next, release the spring clip holding the recirculation hose in place and pull it back. Then unhook the coolant hose from the clip so the whole assembly can be removed from underneath.



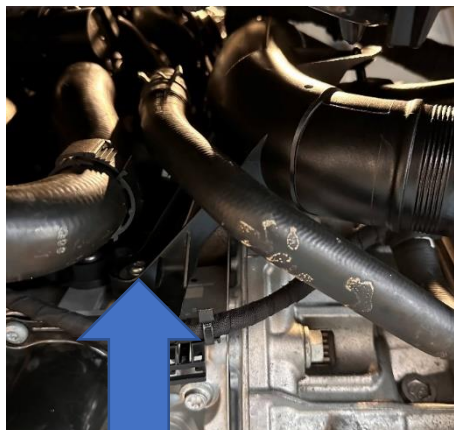
9. With the pipe put, remove the recirculation valve and MAP sensor from the original using a T25. If the rubber bung (highlighted with blue arrow) is still attached to the recirculation valve then reinsert it back into the hose, as shown.



10. The rubber bushings and bolts can now be removed from the original by using a trim tool or similar to get under the head of the washer and pulling it up. Repeat this process for both bolts and then install the supplied spacers with bolts as shown. The new cold side pipe can then be refitted and reconnected in reverse of removal.



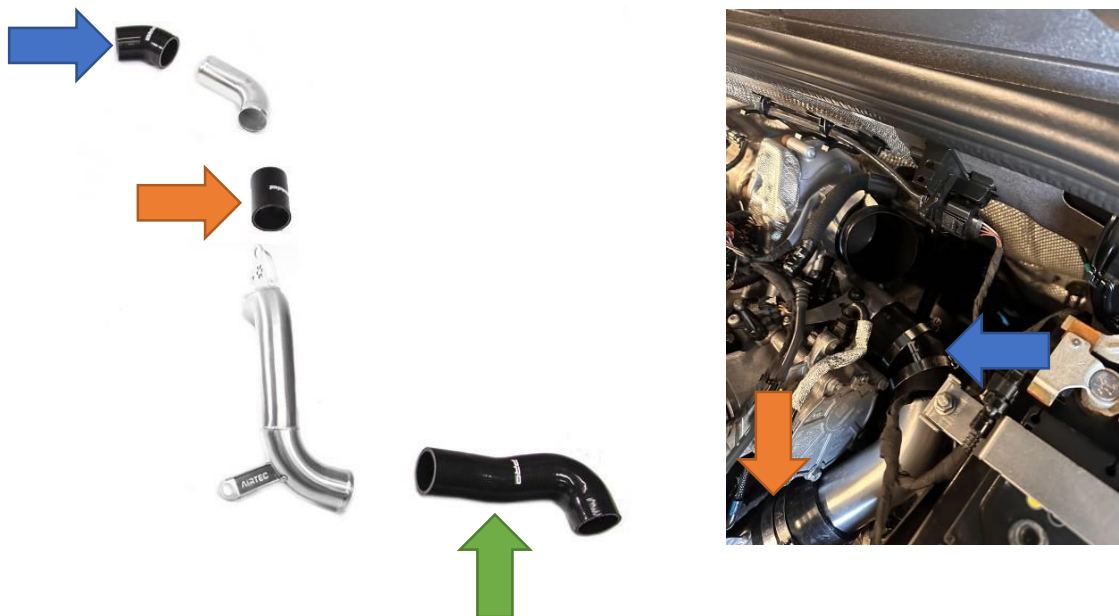
11. On the right-hand boost pipe, undo the T27 bolt holding the pipe to the gearbox and then you will need to remove the pipe from above. Take care when removing as the wiring and coolant lines run in close proximity.



12. Now locate the two silicone hoses below from the kit and install the throttle body hose (highlighted with blue arrow) onto the left-hand boost pipe as shown in the image and tighten the lower jubilee clip so it is secure but the silicone can still rotate if it needs to. Working from under the car, guide it up onto the throttle body, align the brackets with the mounting holes on the engine and tighten the bolts. Then install the silicone hose (highlighted with orange arrow) to the intercooler and tighten the jubilee clips before reconnecting the MAP sensor and recirculation valve in reverse of Step 8.



13. For the right-hand boost pipe, locate the three silicone hoses below from the kit and install the highlighted with the blue arrow onto the turbo along with the short aluminium hard pipe, as shown below. Then add the silicone coupler highlighted with the orange arrow with the jubilee clips attached, but not tightened at this stage.



14. Now install the next part of the boost pipe from the top being careful of the wiring harness and coolant hoses. Then install the last silicone hose (highlighted with the green arrow above) to the intercooler and attach to the pipe using the original fixing point. Rotate the silicones as necessary to get the desired fitment before tightening all jubilee clips.



15. Finally, working under the car, tighten the second bolt that attaches the bolt to the gearbox. Once happy with the fitment of the pipes and all jubilee clips are tightened, the undertray can be reinstalled along with the recirculation hose and air box in reverse of removal.

