



VW T5.2 Intercooler Instructions



Tools Required:

- Flat headed screw driver
- Philips screw driver small and large types
- T25 Torx driver
- T30 Torx driver
- 10mm deep socket and matching ratchet
- Dremel or hack saw

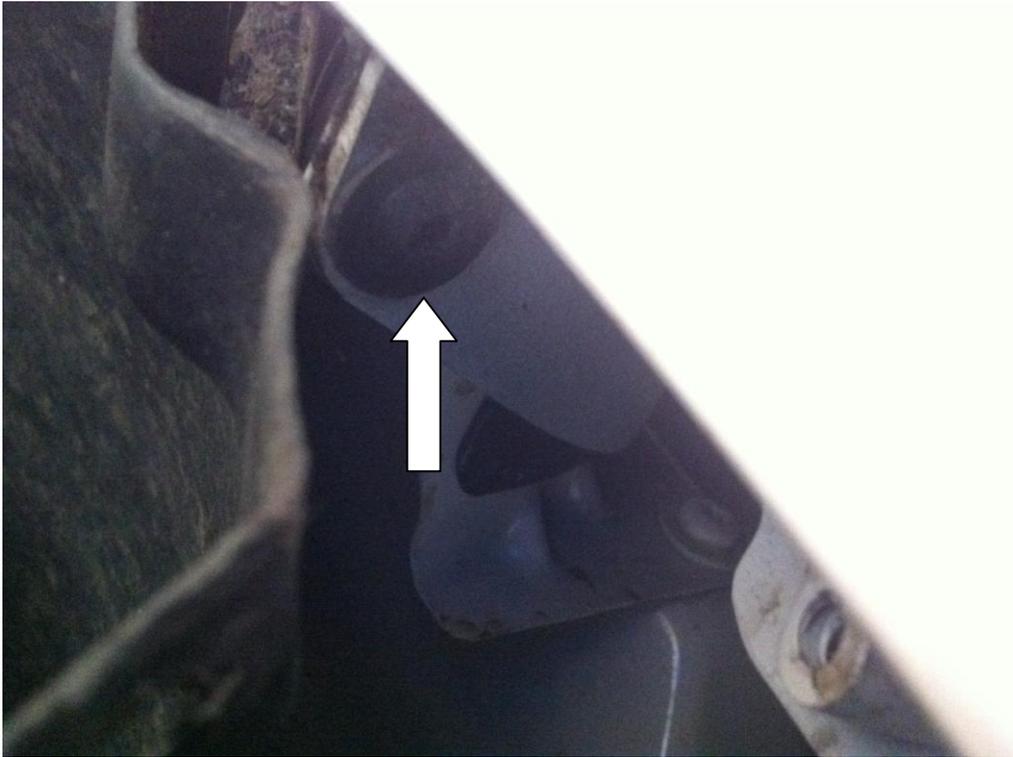
1. Firstly on the top of the grill you will see there are black poppers. Using a flat headed pull up on the three poppers to release them. Then using a Philips screw driver, undo the plastic screw.



2. Using a T25 torx driver, undo and remove the two T25 torx holding the wheel arch to the bumper.



3. You will now need to peel back the wheel arch and undo the T25 torx bolt holding the bumper to the wing.



4. Underneath the car you will see the lower arch liner is held up by three T25 torx bolts that will need to be removed.



5. Undo the three T30 torx bolts holding the bottom of the bumper to the car.



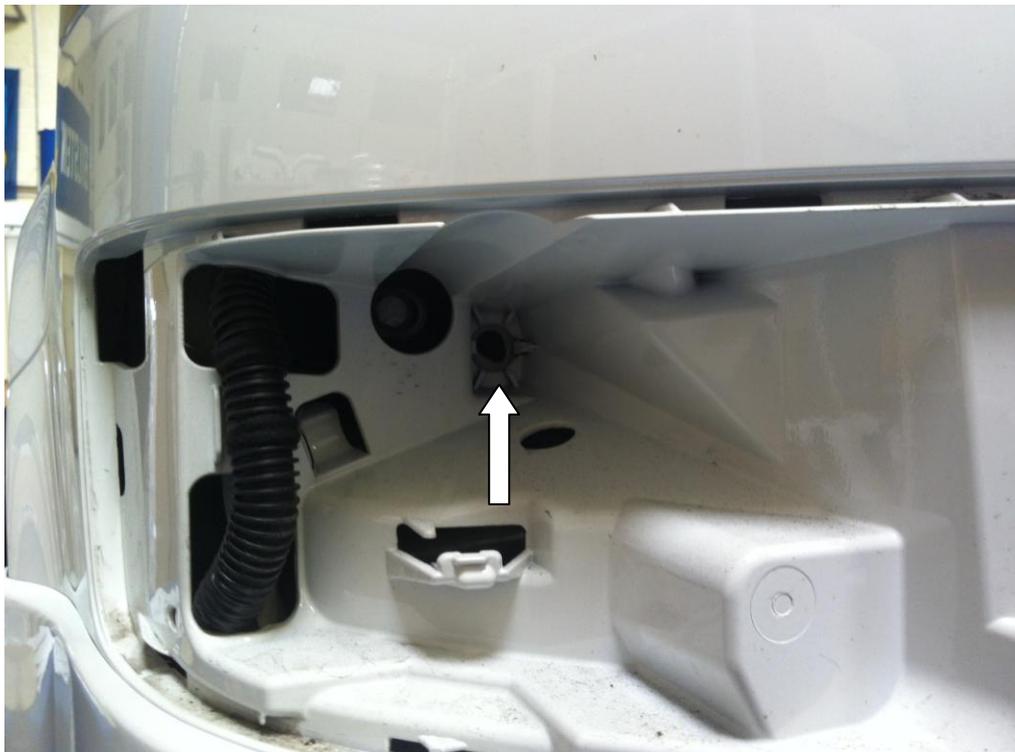
6. Pull back the arch liner and you will see there are two 10mm bolts holding the bumper to the car. These will have to be undone using a 10mm deep socket and matching ratchet.



7. Very carefully remove the plastic panel on the bumper. This just pulls out towards you.



8. Now the panel is removed you will need to undo the torx bolt using a T25 torx driver on each side.



9. Remove the grill by pulling on the lower part of the grill. Be careful not to break anything.



10. Remove the two T30 torx bolts from behind the grill you have just removed.



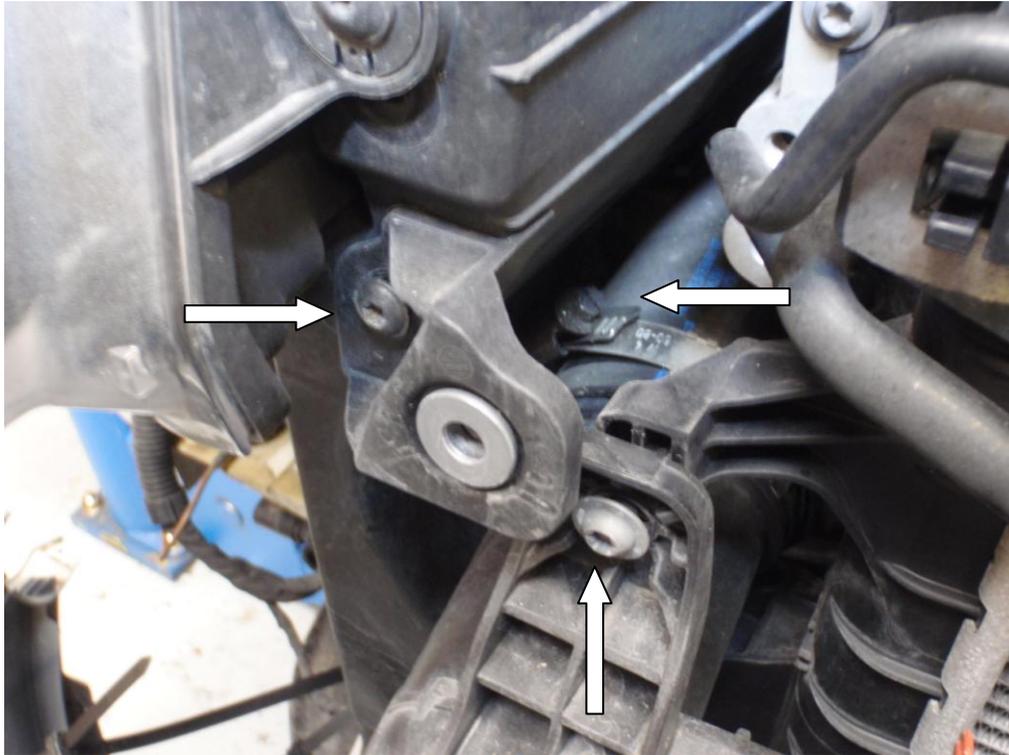
11. Now undo the T25 torx bolt situated in the middle grill on each side of the car.



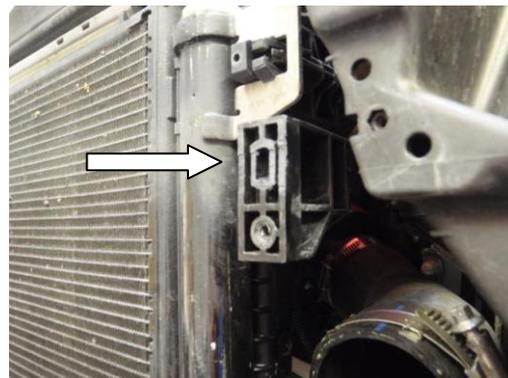
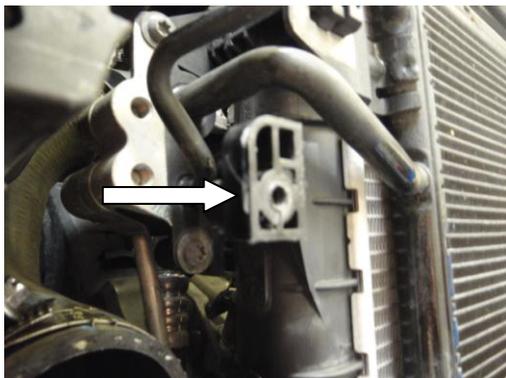
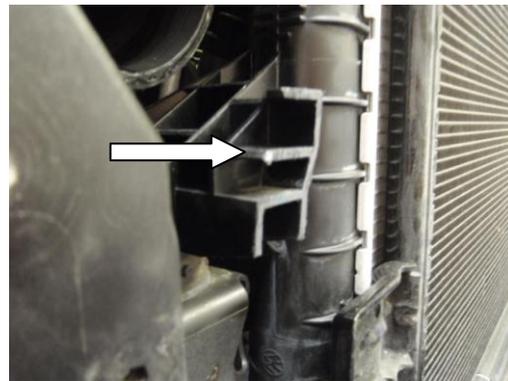
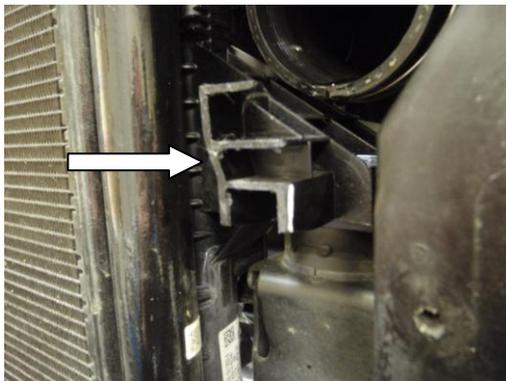
12. Now the bumper can be partly pulled away from the vehicle. Once it is slightly off you will need to remove the two plugs down on the driver side wheel arch. This is done by simply pulling back on the tabs until you here a click noise and pull apart. Place the bumper on appropriate stands as the wiring for the lights will still be attached.



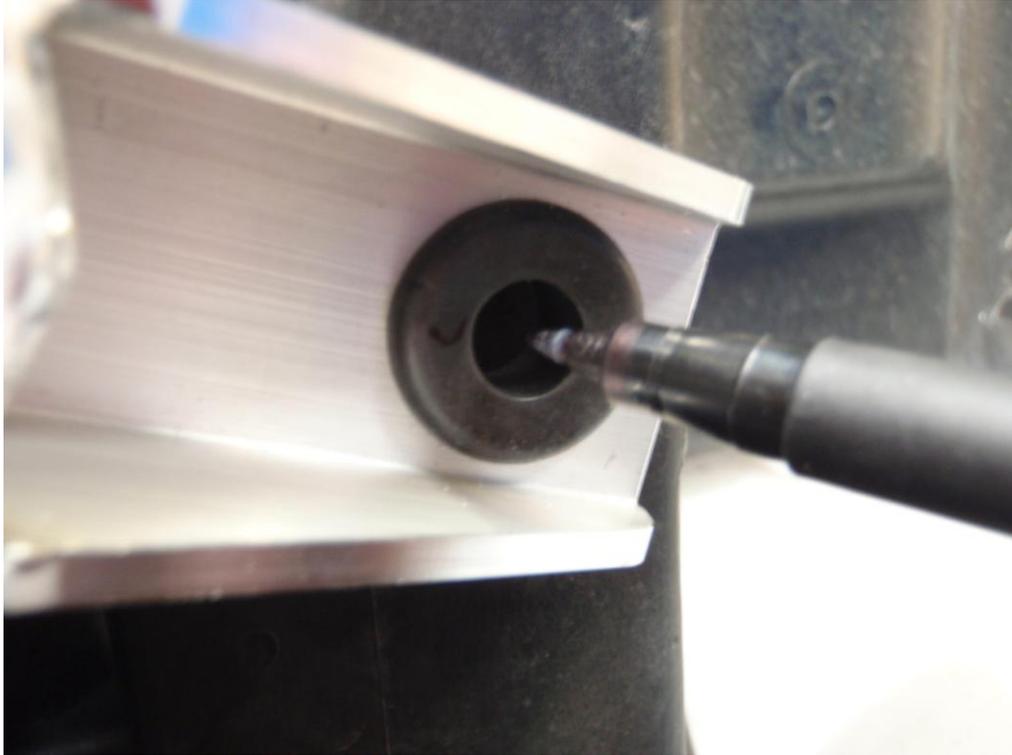
13. Remove the small plastic brackets that held the bumper in position using a T25 torx. Undo the jubilee clips and the two T30 torx screws; you can now remove the stock intercooler.



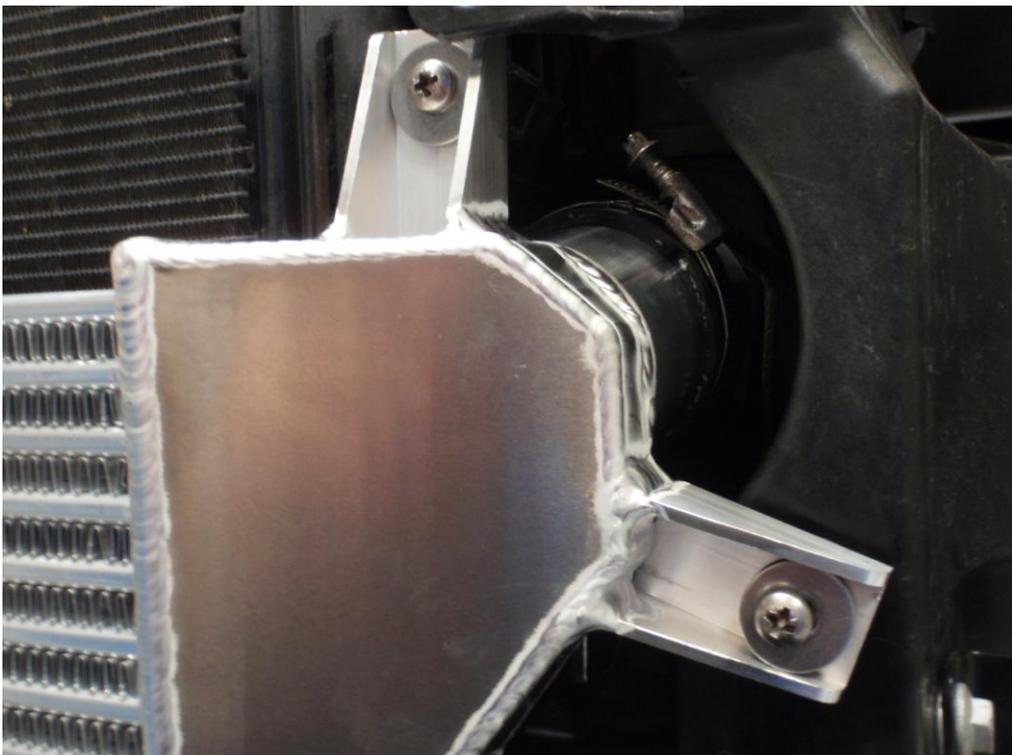
14. Using a Dremel or hack saw trim off the slotted brackets as shown below and trim off the raised sections of the screw in brackets.



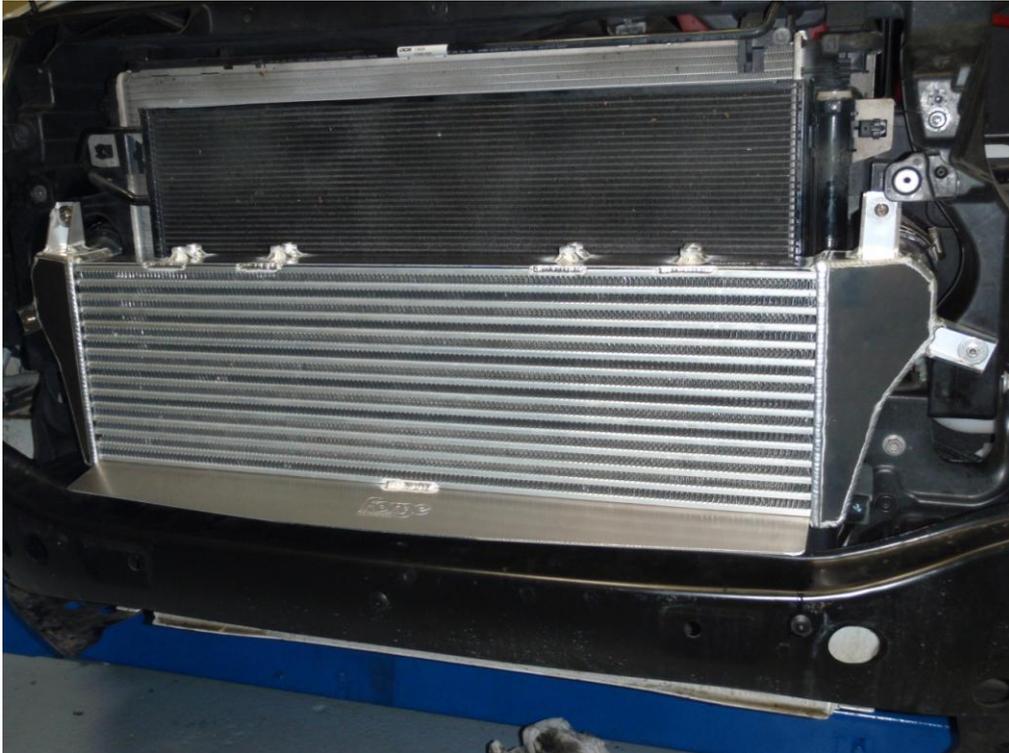
15. Insert the rubber grommets and alloy inserts into the top two brackets of the Forge intercooler, Insert the rubber grommets only into the lower two grommets and temporarily install the intercooler. Mark where the holes need to be drilled on lower brackets, Remove intercooler and drill with a 4mm drill bit.



16. Push alloy inserts into lower brackets and screw in the intercooler using the screws and penny washers supplied in the kit and tighten jubilee clips.



17. The installation is now complete follow steps 1-13 to refit the bumper.



18. You will have noticed there are bosses welded on top of the intercooler, for extra cooling there is a Forge motorsport oil cooler please see our web site or call for details.



Engineered for performance

