



VOLKSWAGEN T6 2.0TDI CHARGECOOLER RADIATOR INSTALLATION INSTRUCTIONS



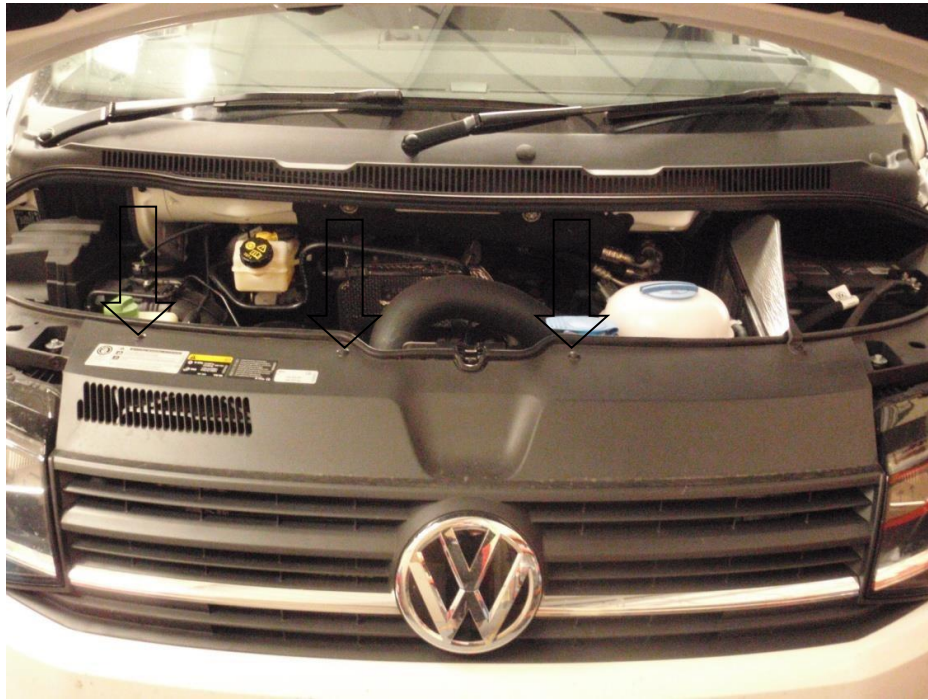
Please thoroughly read through and familiarize yourself with these instructions in their entirety prior to beginning any part of the installation process of any component. Please also ensure the vehicle and engine has cooled down sufficiently to avoid risking possible skin burns or other injury.

Tools required:

- T25, T27, T30 Torx driver.
- 10mm Spanner.
- 7mm Hose clamp driver.
- Plastic panel-clip removal tool.
- Large flat-blade screw driver.
- Silicone lubricating spray.
- Safety eyewear, footwear, gloves and protective clothing are also recommended.

Engineered for performance

1. Raise the vehicle on a ramp or suitable axle stands, to allow access to the underside of the front of the vehicle.
2. Open and secure the bonnet.
3. Using a plastic panel clip removal tool or flat-blade screwdriver remove 3x clips.



4. Using a large flat-blade screwdriver, undo 1x screw and remove the plastic divider.

Engineered for performance



5. Using a T25 Torx driver remove the 2x screws from inside each wheel arch.

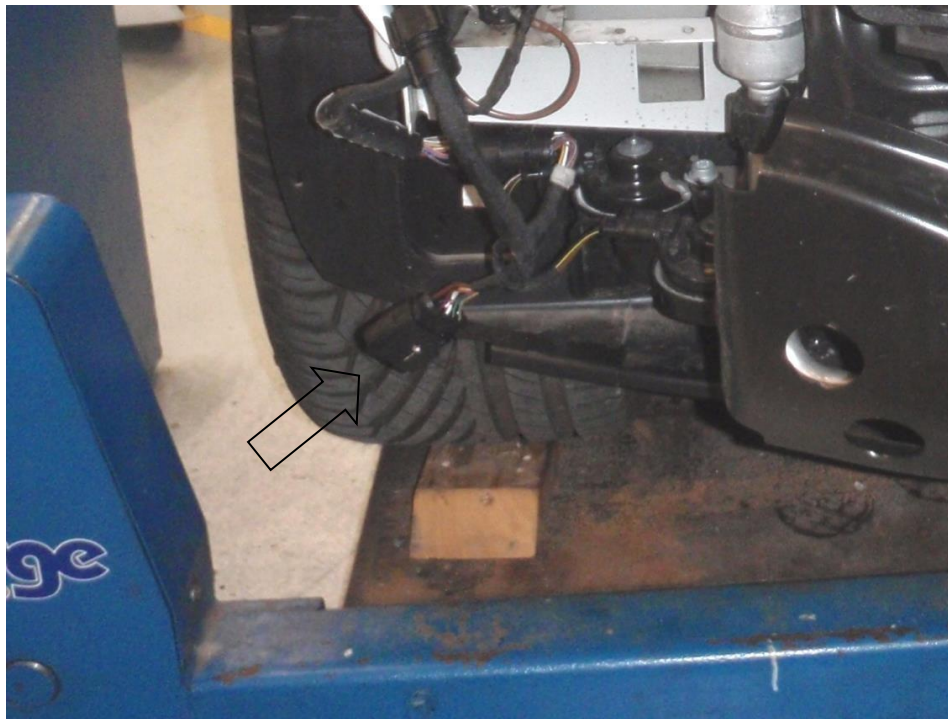


6. Using a T27 Torx driver undo the 2x screws on both sides of the vehicle.

Engineered for performance



7. Pull the arch liner back on the left-hand side of the vehicle and disconnect the large wiring plug.



8. Pull the arch liner to one side and using a plastic panel clip removal tool or flat-blade screwdriver remove 1x clip on both sides of the vehicle.

Engineered for performance

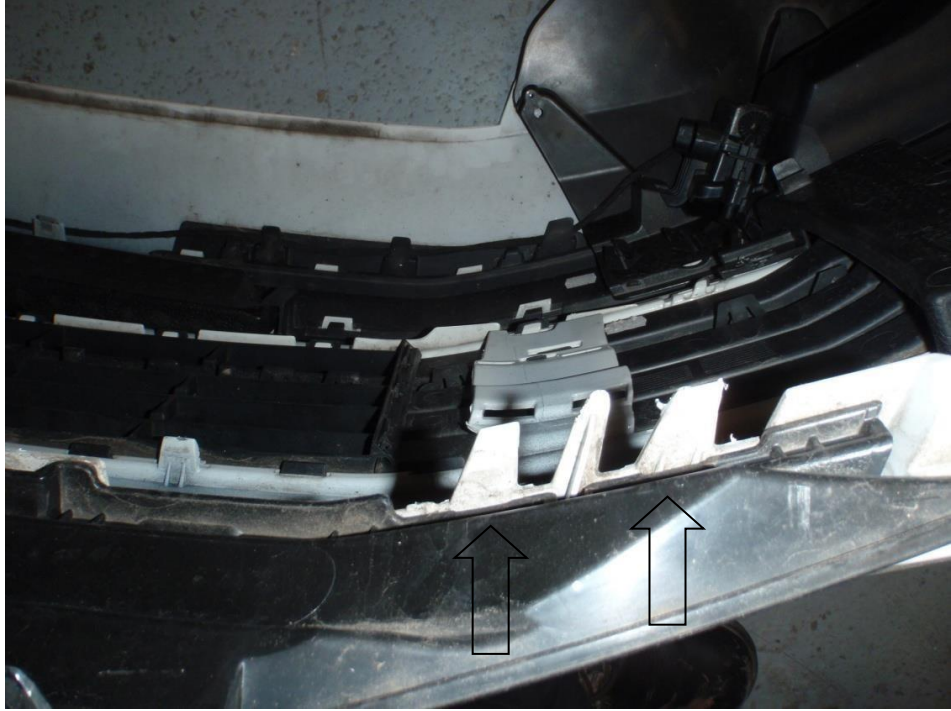


9. Carefully pull the edge of the bumper away from the vehicle starting at each wheel arch.



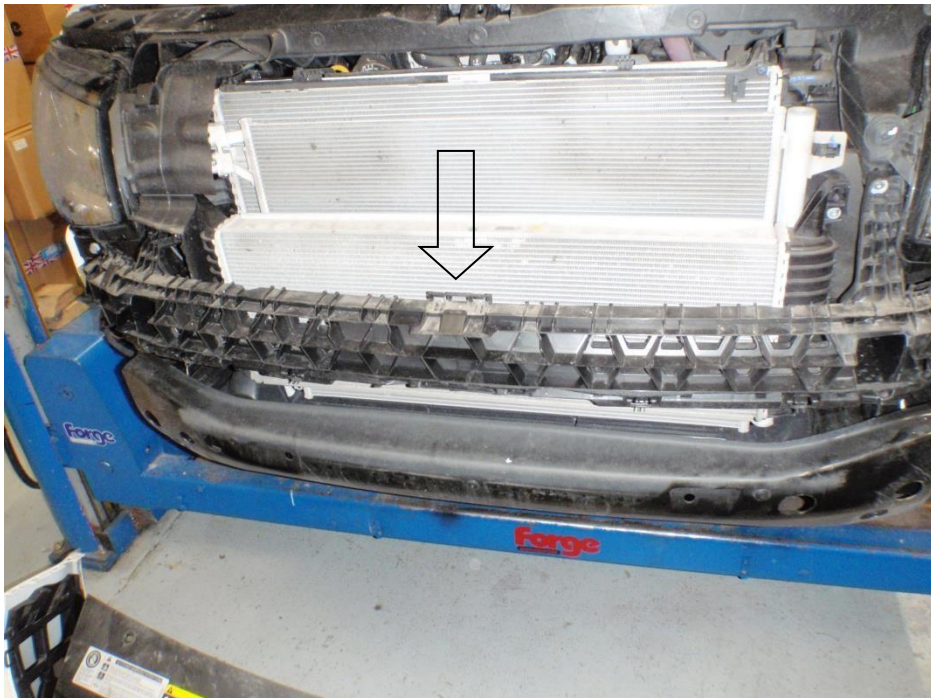
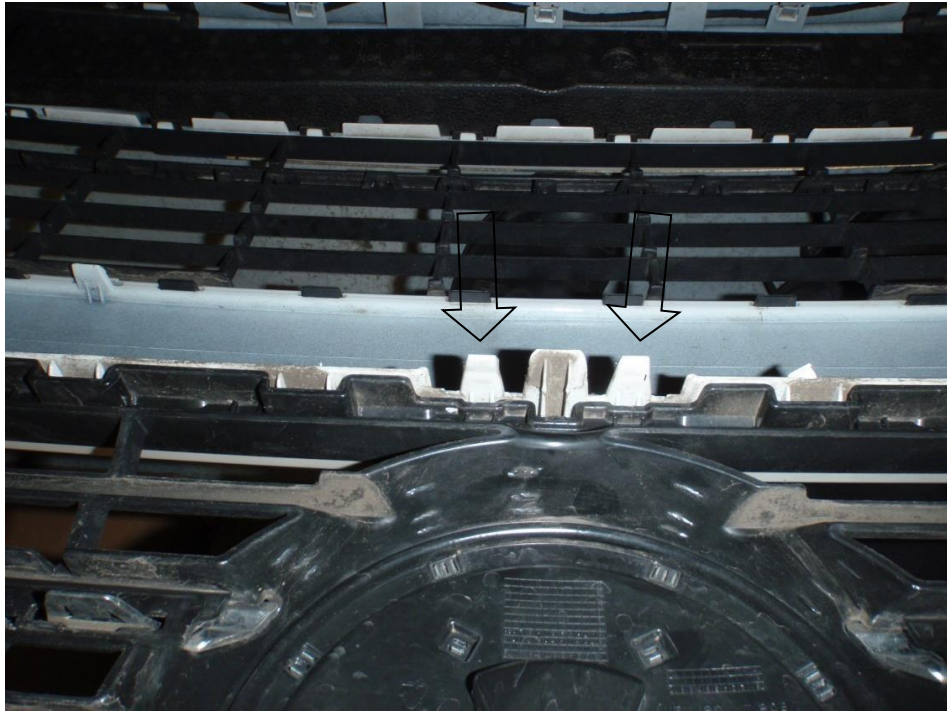
10. From underneath the vehicle reach up inside the bumper to release the 2x outer mounting clips. Shown in the photos below with the bumper off to show their location. Before releasing the centre clip and carefully removing the bumper from the vehicle

Engineered for performance



Engineered for performance

Centre clip location shown below.



Engineered for performance

11. Unclip the air guide and pull it to one side to allow access to the secondary crashbar mounting point.



12. Using a T30 Torx driver undo 4x bolts, unclip the wiring and remove the plastic secondary crash bar.



13. To drain the coolant from the vehicle. Disconnect the wiring to this sensor. Remove the horse shoe clip and remove the sensor. Have a suitable container ready to drain the coolant.

Engineered for performance

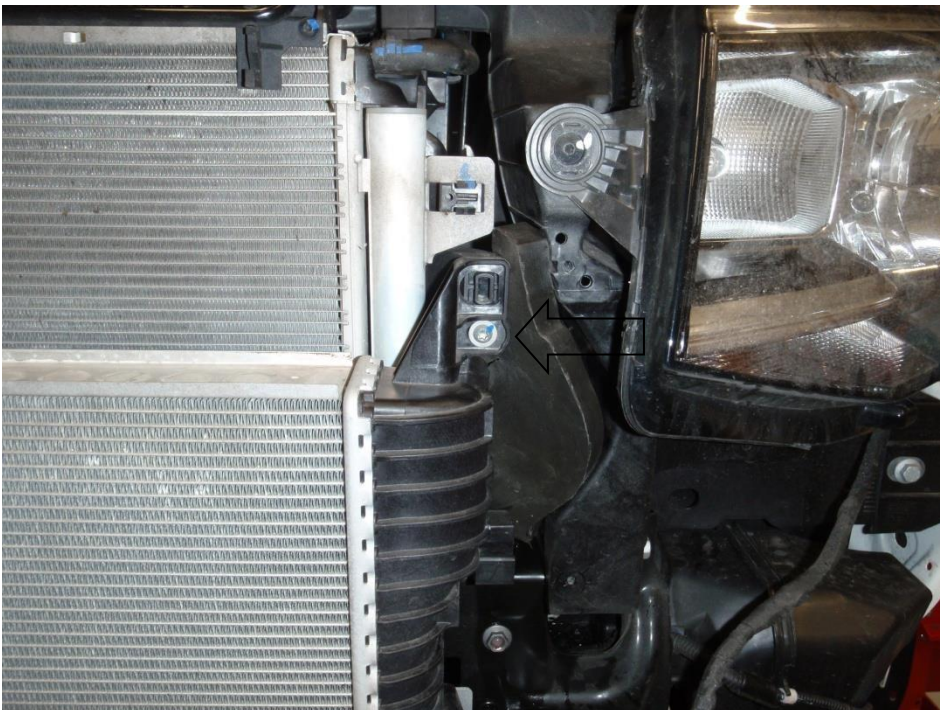


14. Using a flat blade screwdriver release the clips on the charge cooler radiator couplers.



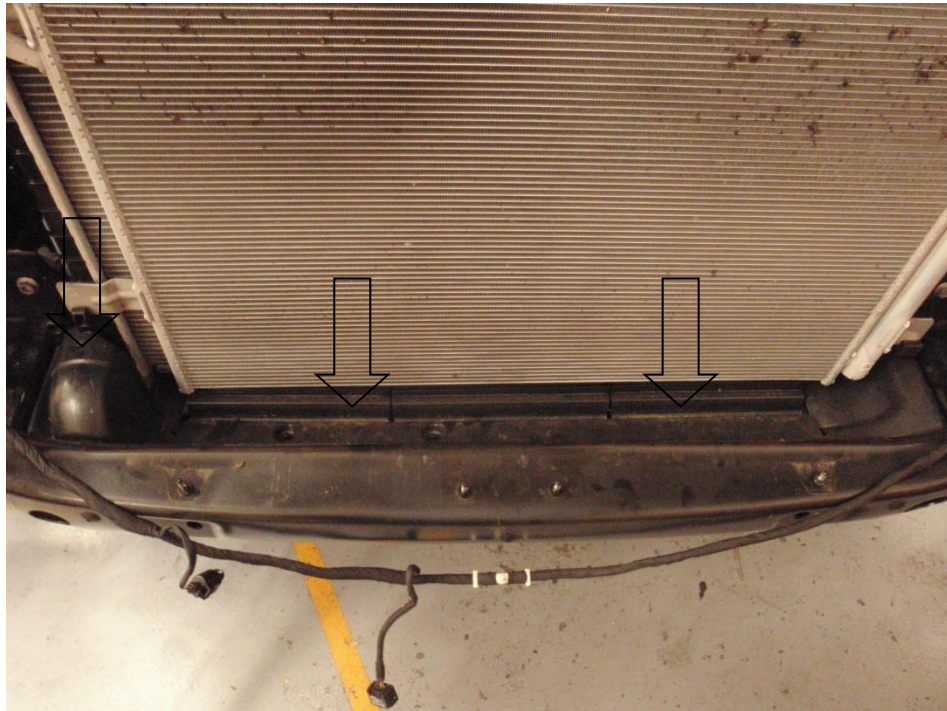
Engineered for performance

- Using a T30 Torx driver undo 2x screw on the left-hand and right-hand chargecooler radiator top mounts and remove the OEM chargecooler radiator from the vehicle.

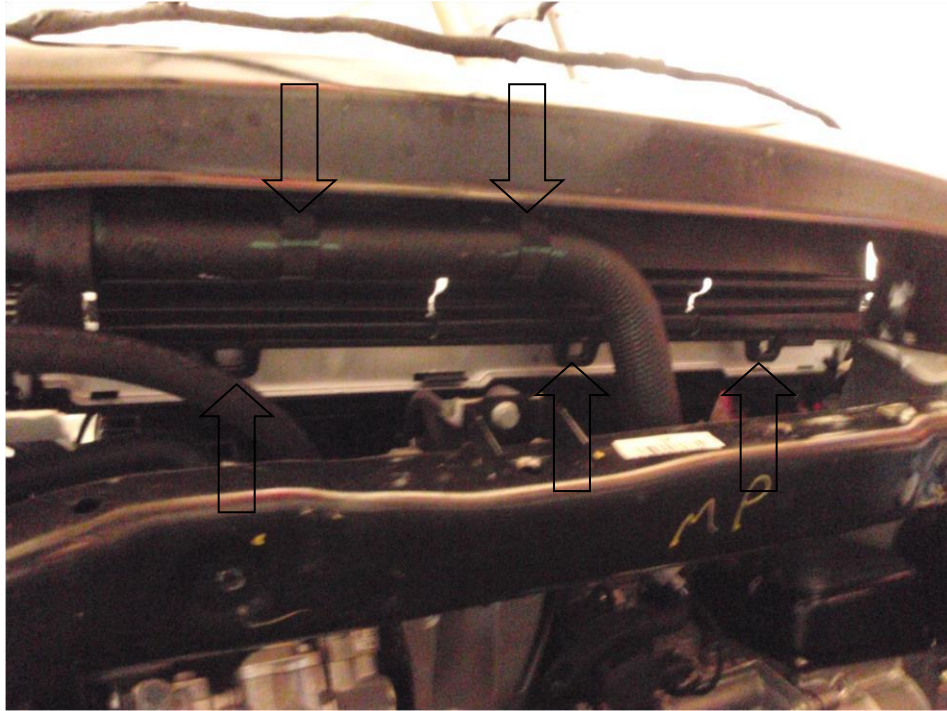


Engineered for performance

16. To fit the chargecooler radiator without trimming, remove the radiator hose cover. Remove 3x clips from the crash bar, unclip from the bottom of the radiator and unclip the hose clamps.



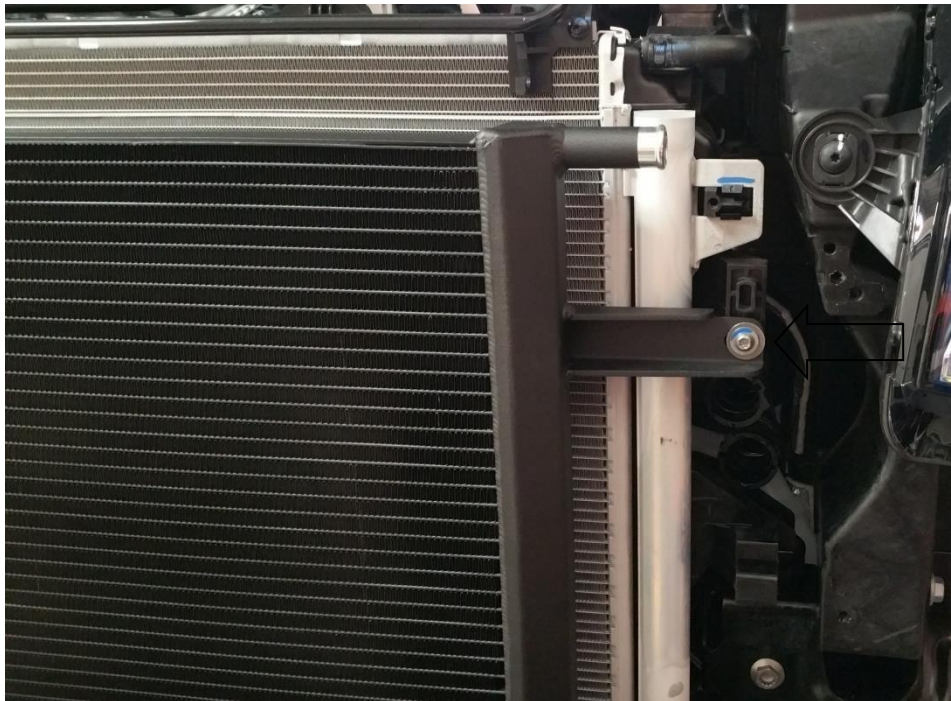
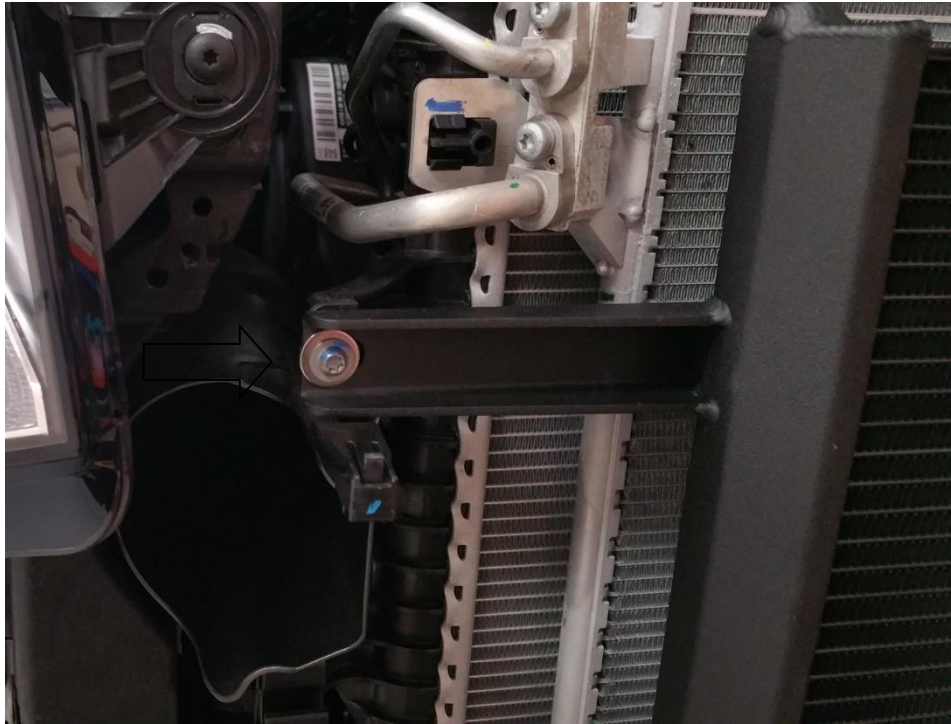
Engineered for performance



17. Place the Forge chargecooler radiator in position.

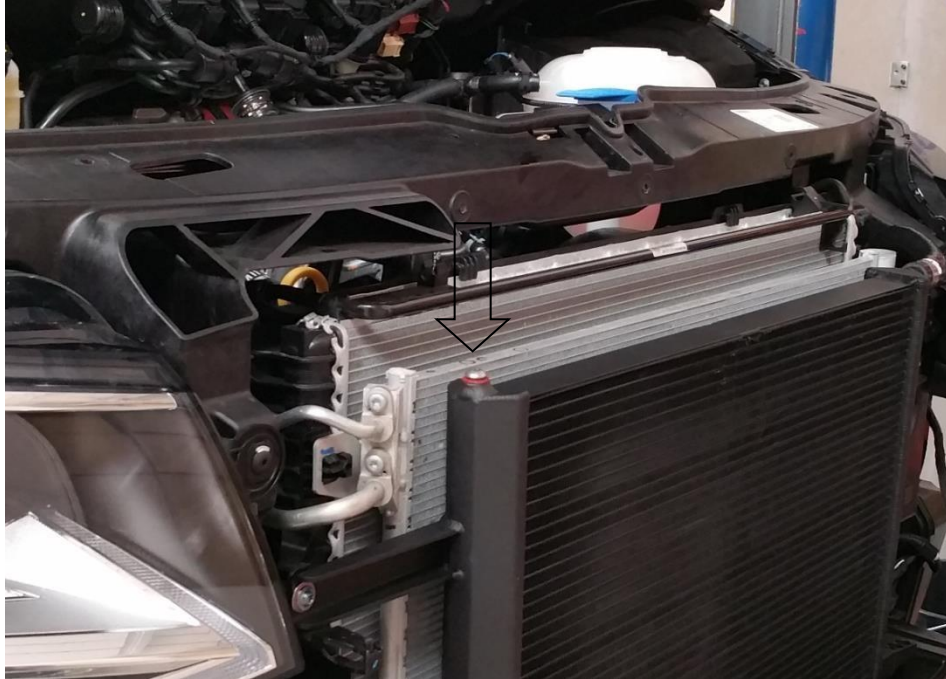
18. Secure the top brackets in place with the 2x OEM screws and the 2x 6mm ID x 20mm washers provided.

Engineered for performance



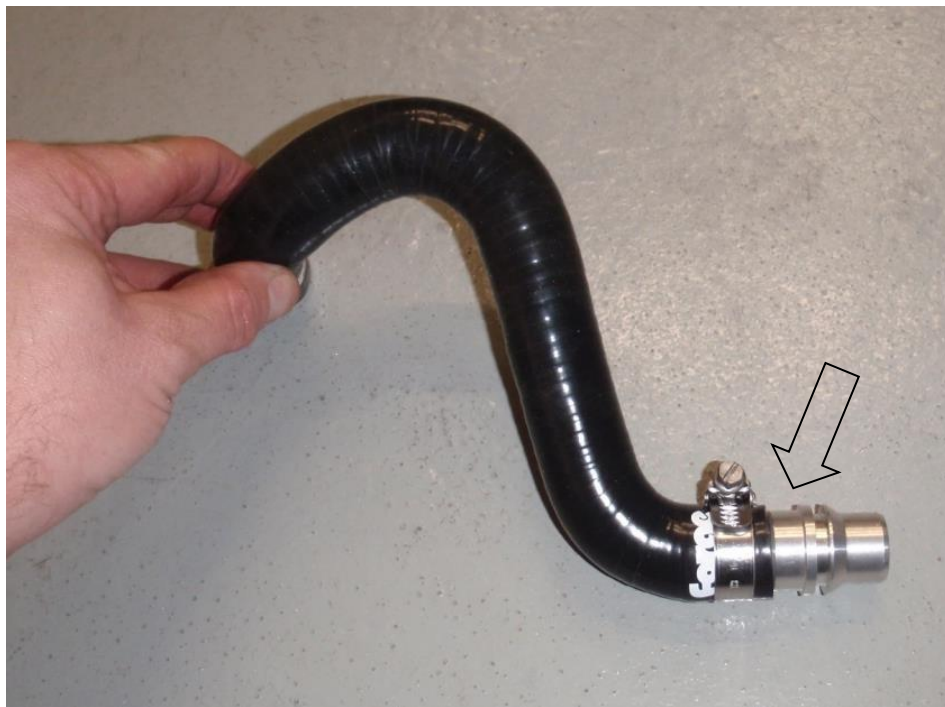
Engineered for performance

19. Fit the M8 x 12mm Allen cap bolt and red fibre washer provided to the bleed outlet on top of the chargecooler radiator. Do not fully tighten.



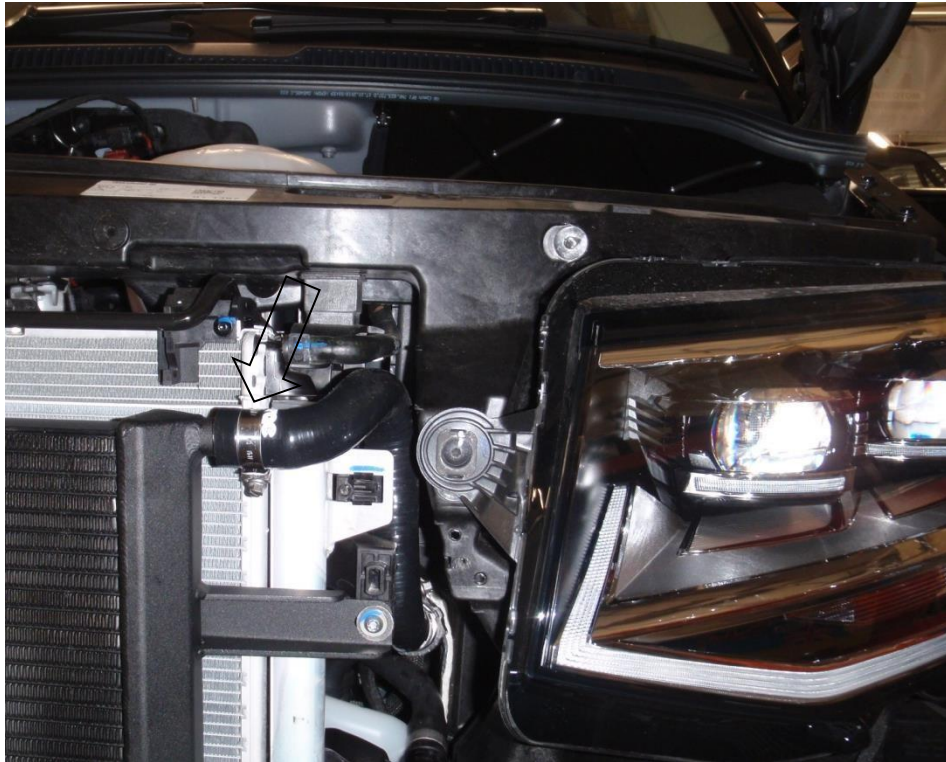
20. Fit the coolant coupler to the hose provided (marked internally #1889) as shown in the photo below and secure the coupler with a suitable hose clamp provided.

Engineered for performance



21. Fit the open end of the hose to the top outlet of the chargecooler radiator and fit the aluminium coupler into the female OEM coupler ensuring the spring clip has correctly seated.

Engineered for performance

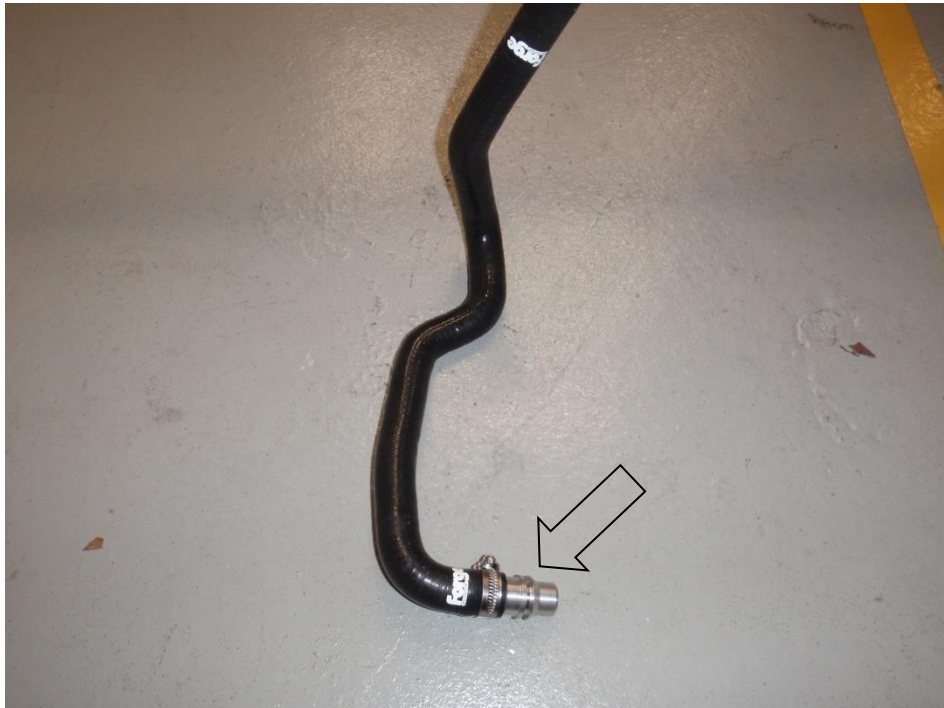


22. Using the remaining 2x hoses, 1x hose joiner, 1x coolant coupler and hose clamps, connect the second outlet of the chargecooler radiator to the OEM female coolant coupler.

Engineered for performance

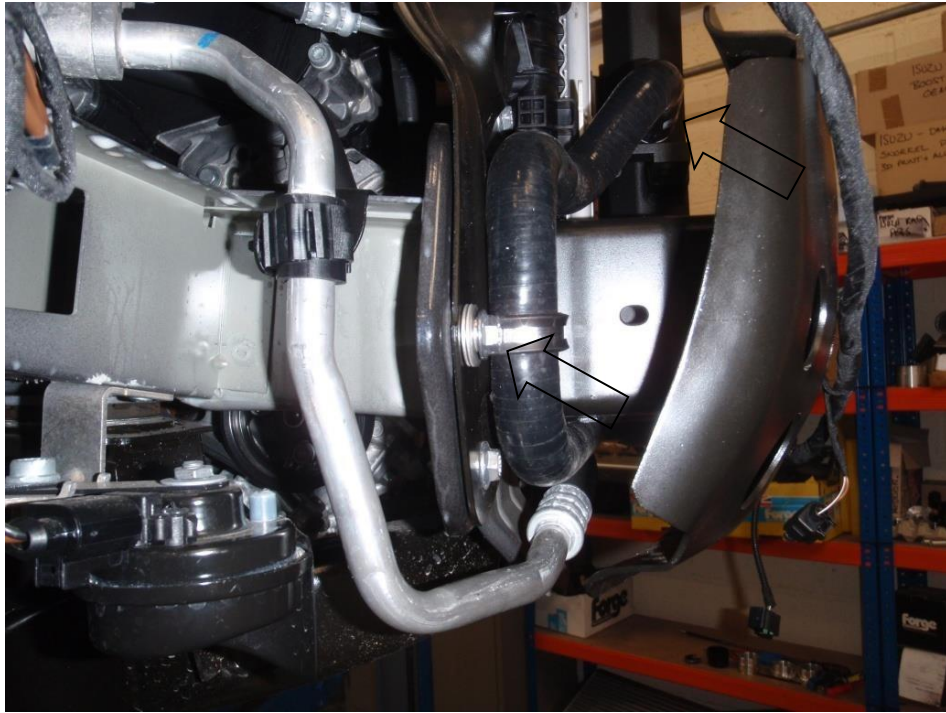


23. Fit the coolant coupler to the hose provided (marked internally #1888) as shown in the photo below and secure the coupler with a suitable hose clamp provided.

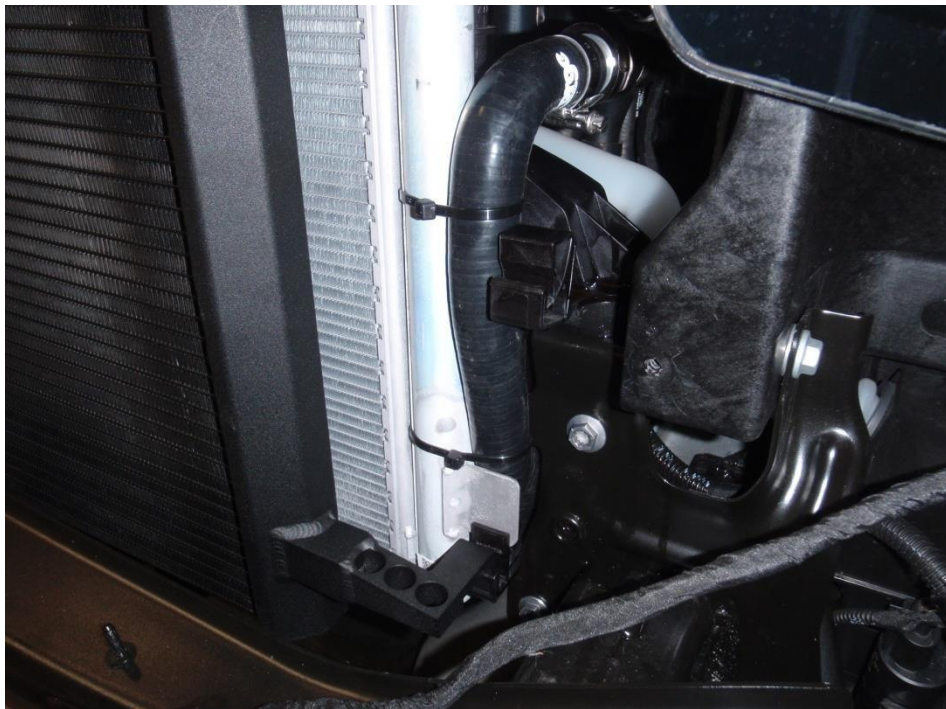


Engineered for performance

24. Connect the other hose to the outlet of the chargecooler and secure with a suitable hose clamp provided. Using the P-clip, M8 x 30mm Allen cap bolt and the 3x 8mm penny washers provided, secure the silicone hose in position.



25. Feed the hose with the coolant coupler between the chassis and the AC condenser and secure in position with 2x cable ties provided. Insert the aluminium coupler into the OEM female coupler and ensure the spring clip is correctly seated.



Engineered for performance

26. From underneath the vehicle, connect the two hoses together using the 19mm hose joiner and 2x hose clamps provided.
27. Check that the hoses are positioned correctly before fully tightening all the hose clamps.
28. Refill the engine coolant to the correct level before refitting the bumper and bleed any air out of the chargecooler radiator using the M8 Bleed screw on top.



29. Reassemble your vehicle.
30. Your installation should now be complete. Enjoy Your New Performance!



Engineered for performance