



## VW Golf Mk7 Twintercooler instructions



### Tools Required:

Access to vehicle lift or floor jack and axle stands to support the vehicle.

T25,T30 Torx Driver

10mm socket and extension

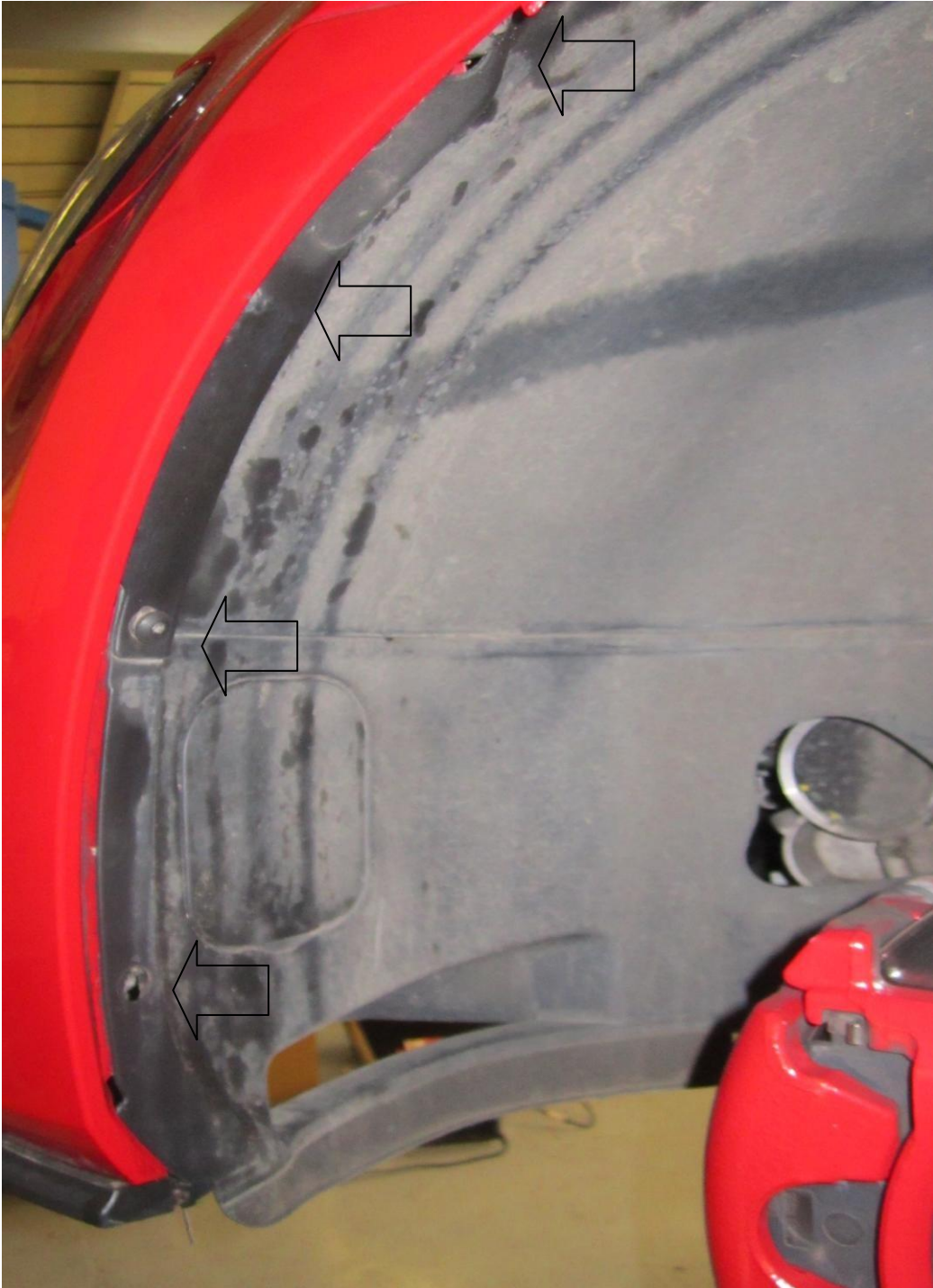
2mm or 3mm drill bit and drill

Pozi-drive screwdriver

Safty eyewear,footwear,gloves and protective clothing are also recommended

### ENGINEERED FOR PERFORMANCE

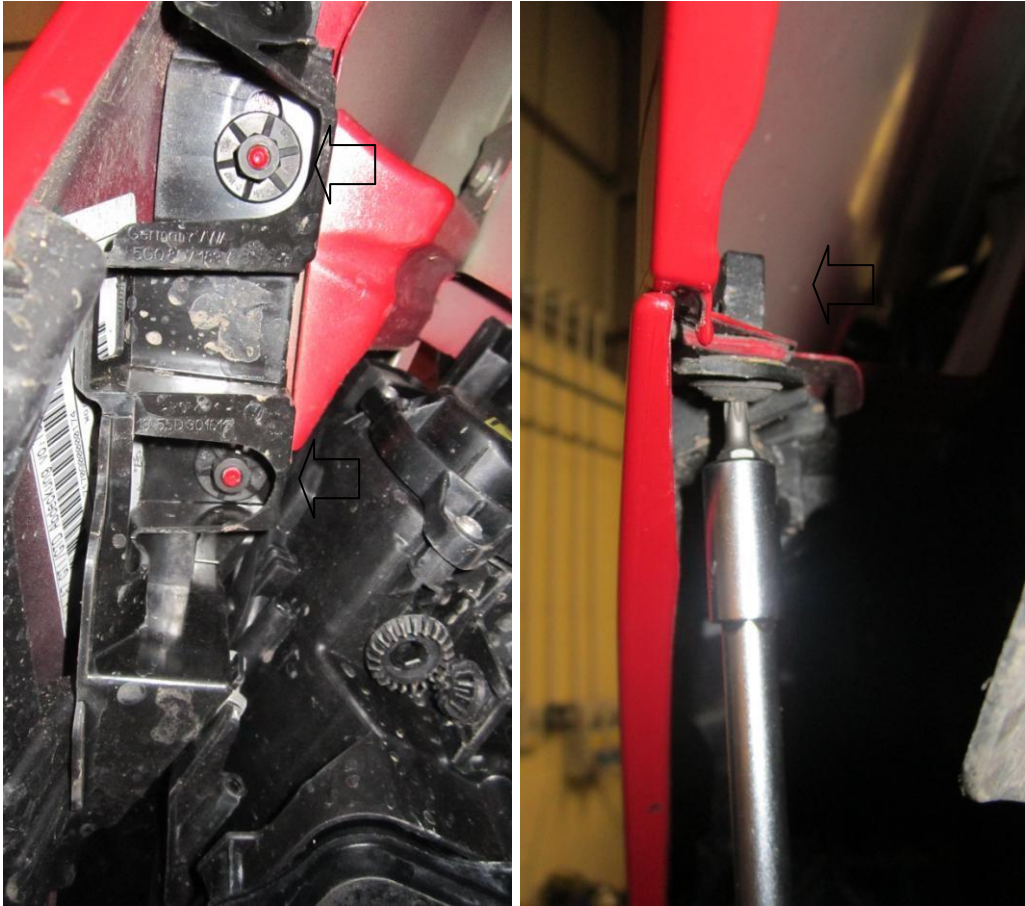
1. Raise the vehicle on a ramp or suitable axle stands. Remove your wheels or turn from lock to lock in section 2.
2. Using your T25 torx drive remove the fasteners from the front half of the wheel arches so you can pull them down to gain access to the front inner wings.



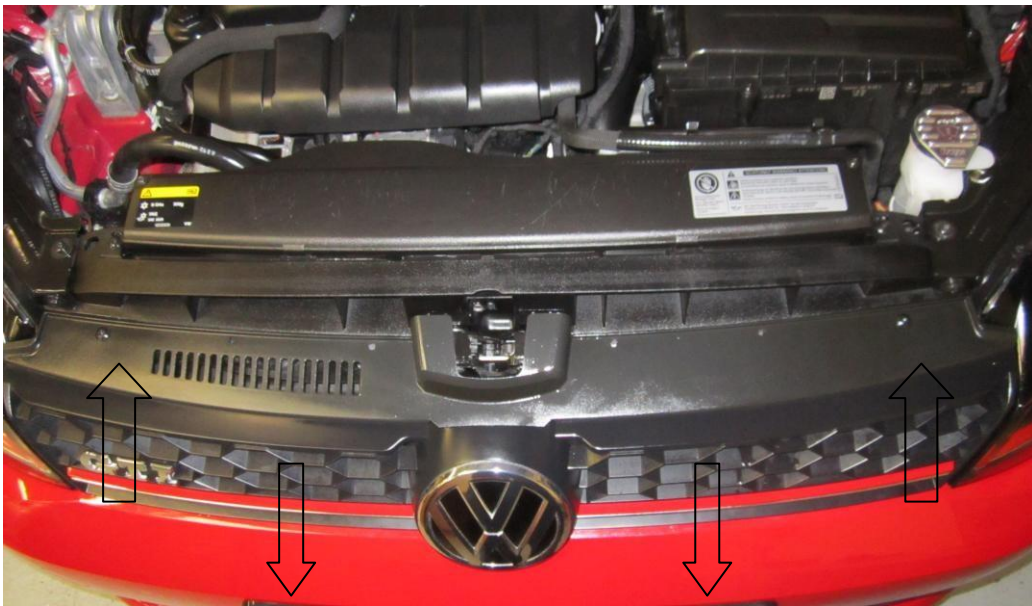
3. Again using your T25 Torx drive remove the fasteners from the undertray. This undertray can now be removed .



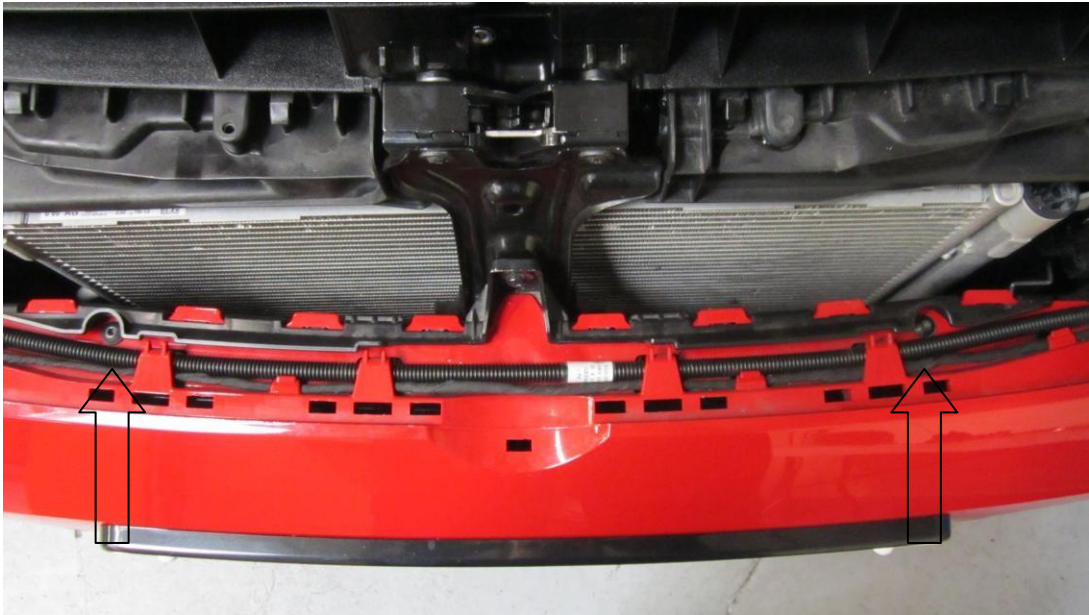
4. Pull down the arch liner, using your T25 Torx drive undo the fastener that attaches the bumper to the front wing .Then undo the two plastic nuts either side with your 10mm socket .As shown in the next picture.



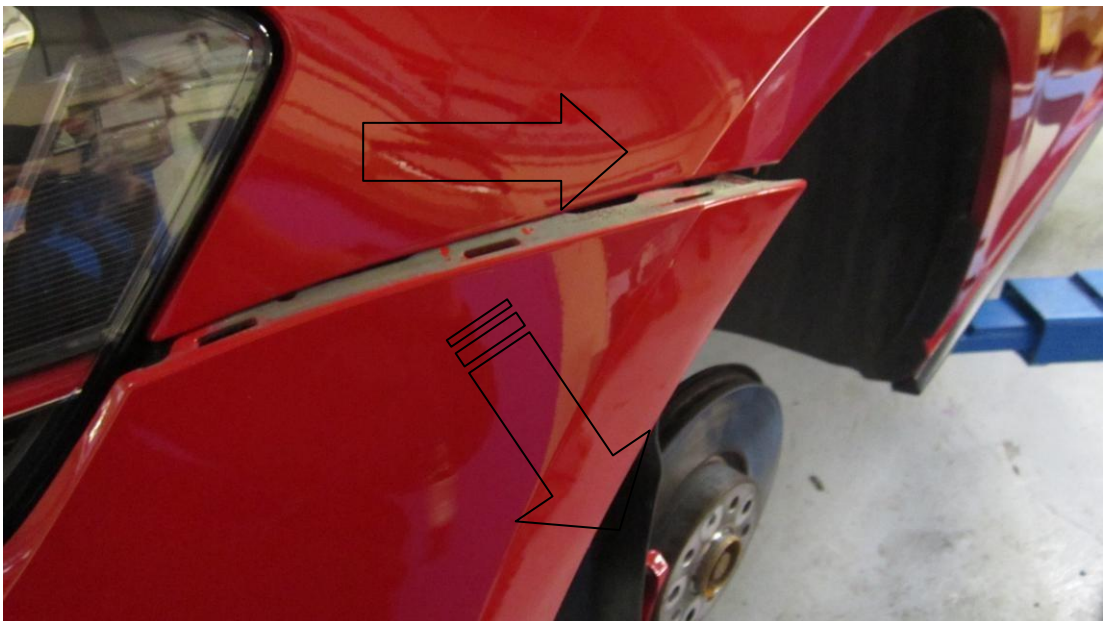
5. Using your T25 Torx drive remove the fasteners holding the grill onto the car. Once these are removed pull the grill towards you in a upward motion.



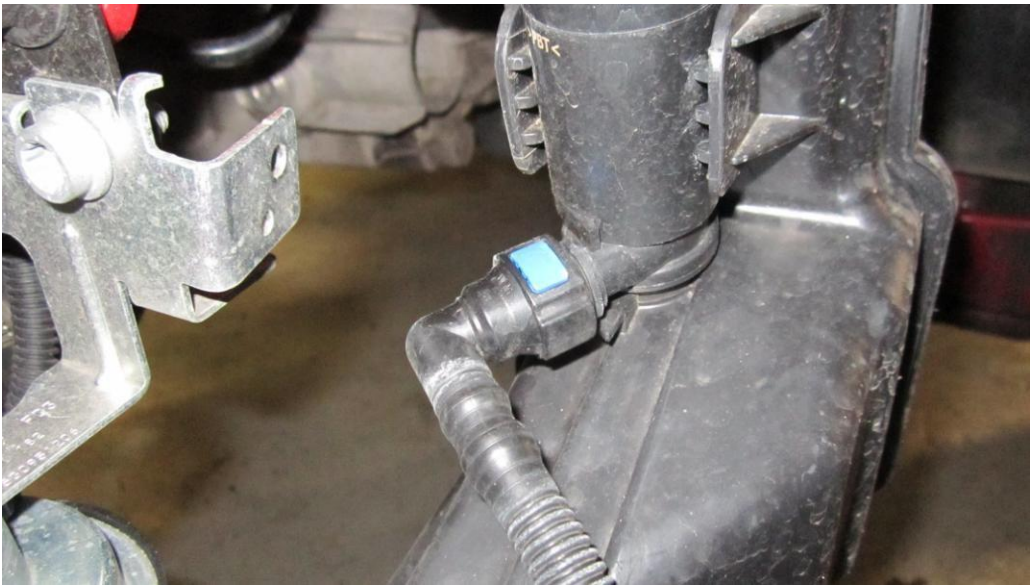
6. Now that your grill has been removed locate the two Torx T25 fasteners that hold the front of the bumper and remove .



7. Now moving back to the sides of the car where the wing meets the bumper, pull towards yourself sharply to release the clips on the sides.



8. As you remove the bumper disconnect the loom to the fog lights and DRLs. Find a suitable container to catch the contents of your screen wash as this fitting also needs to be disconnected .



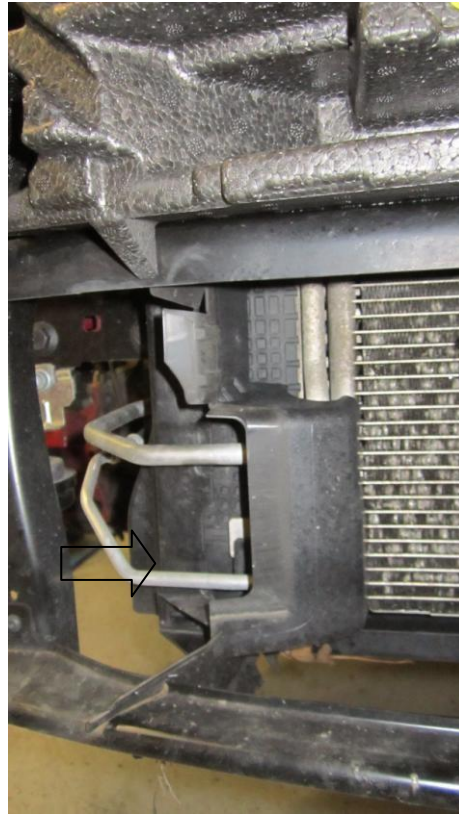
9. Once the bumper is removed the two plastic ducts either side need removed in order to make space for your new twintercooler.



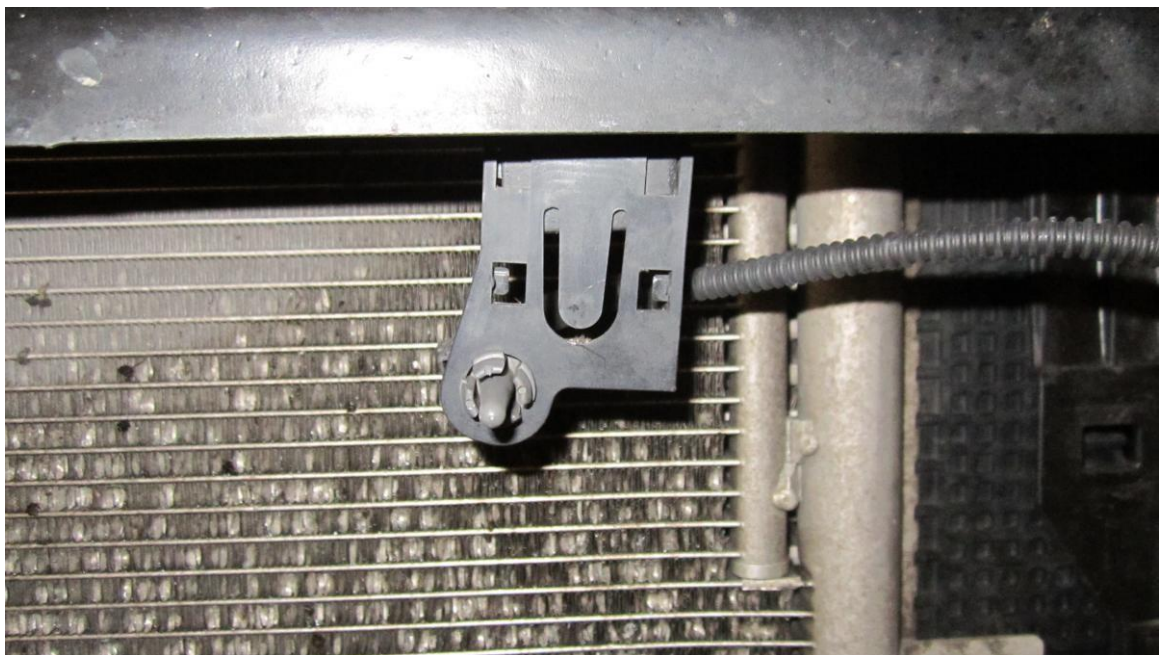
10. With a flat headed screwdriver press down on the clips to remove ducts.



11. Remove the ducting either side of the condenser again using a flat bladed screwdriver .

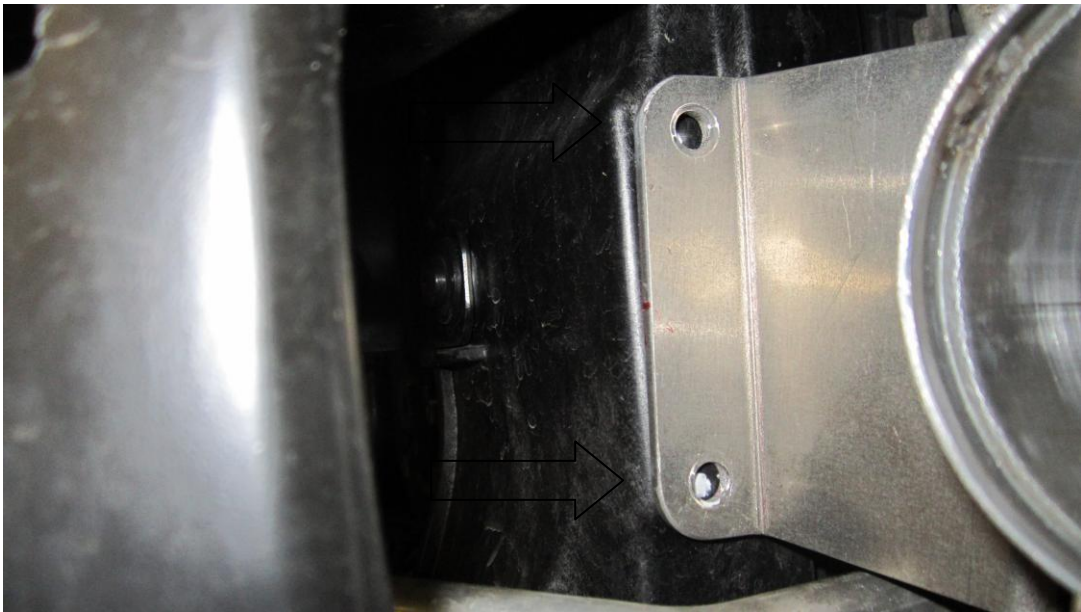


12. Disconnect this temperature sensor on the lower side of the crash bar and bend the bracket backwards. You will put this sensor on the mounting plate of your new Twintercooler once installed.





13. Now place your twintercooler between the upper and lower crash bar. You will need a paint marker pen or tippex to mark four points where you will drill 2mm-3mm holes.



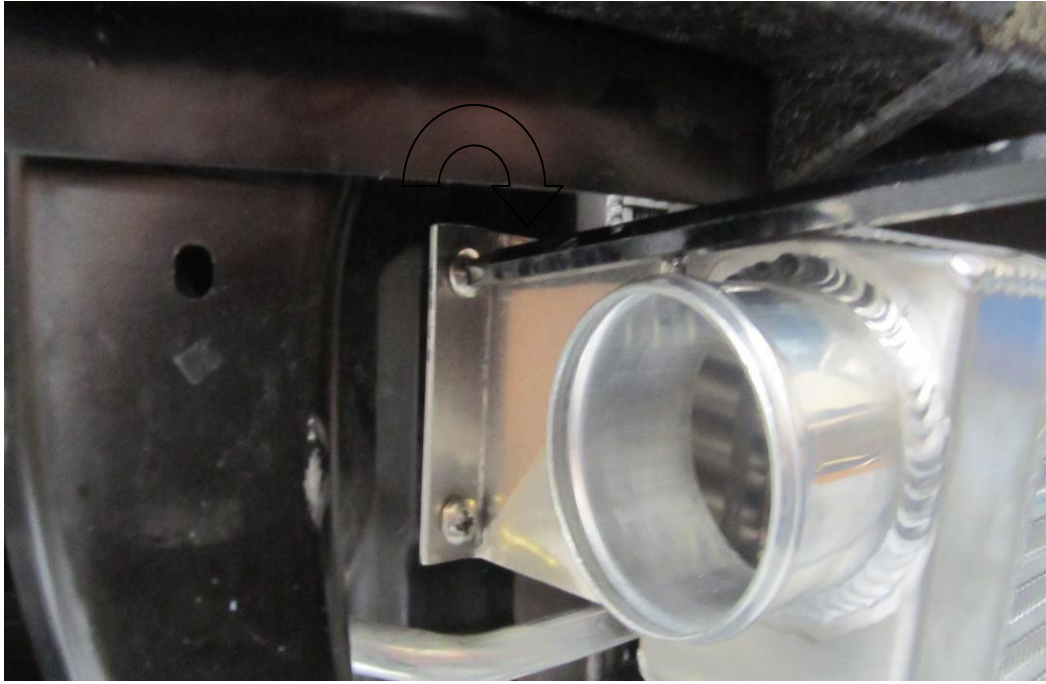
Mark through the holes on both sides.



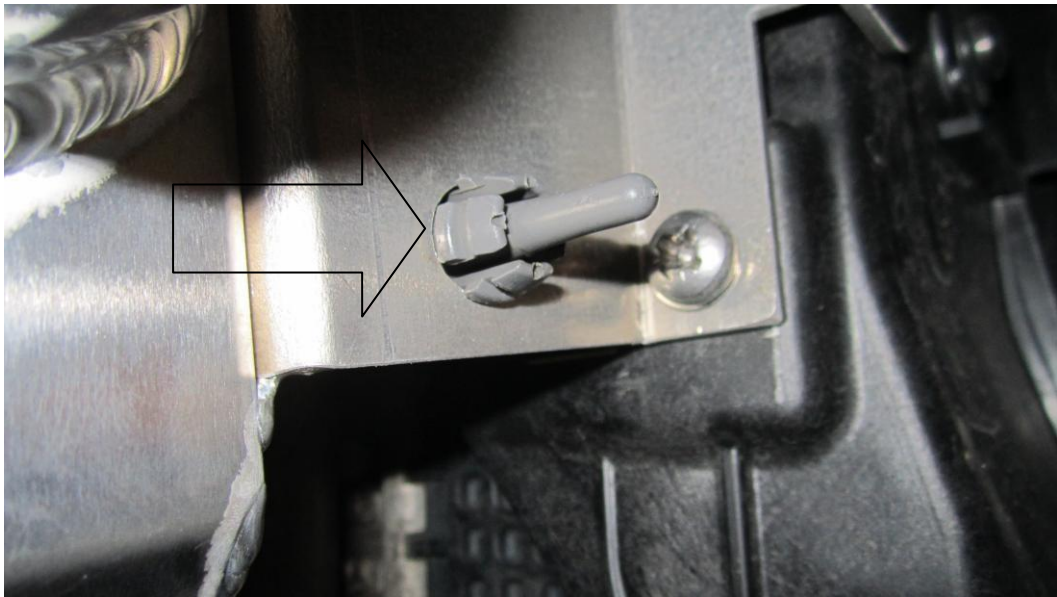
14. Using your drill make 4 holes in the plastic radiator cowling make sure these are in the correct position. Double check your twintercooler lines up, and is in the centre of the upper and lower crash bar before drilling.



15. Once all four holes are drilled attach the twintercooler to the plastic cowling using the self tapping screws provided



16. Place the temperature sensor removed in section 12 into the twintercooler as pictured



17. Remove the existing hoses from your intercooler .



18. Remove your horn and brackets either side of your vehicle .



19. Put your new silicon hoses onto your new twintercooler. Place them on the twintercooler end first.

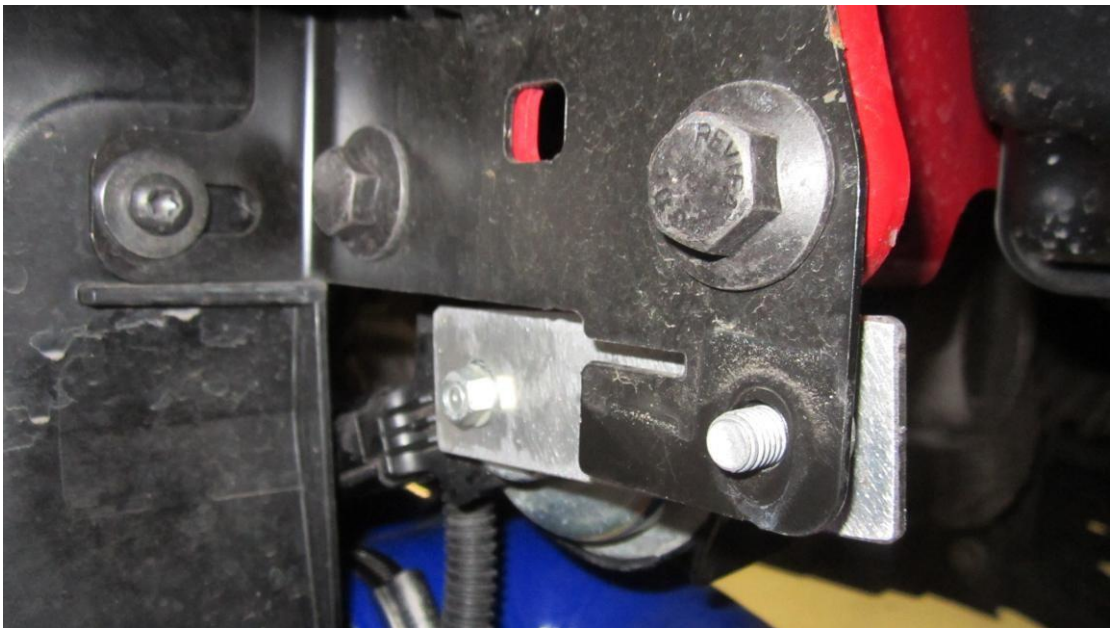
20. You may need to loosen your lower boost hose to help you fit the hoses properly. These fasteners are located beneath the plastic boost pipes as arrowed .



21. Once the hoses are in position tighten the jubilee clips then tighten the fasteners you removed from the lower boost pipe.

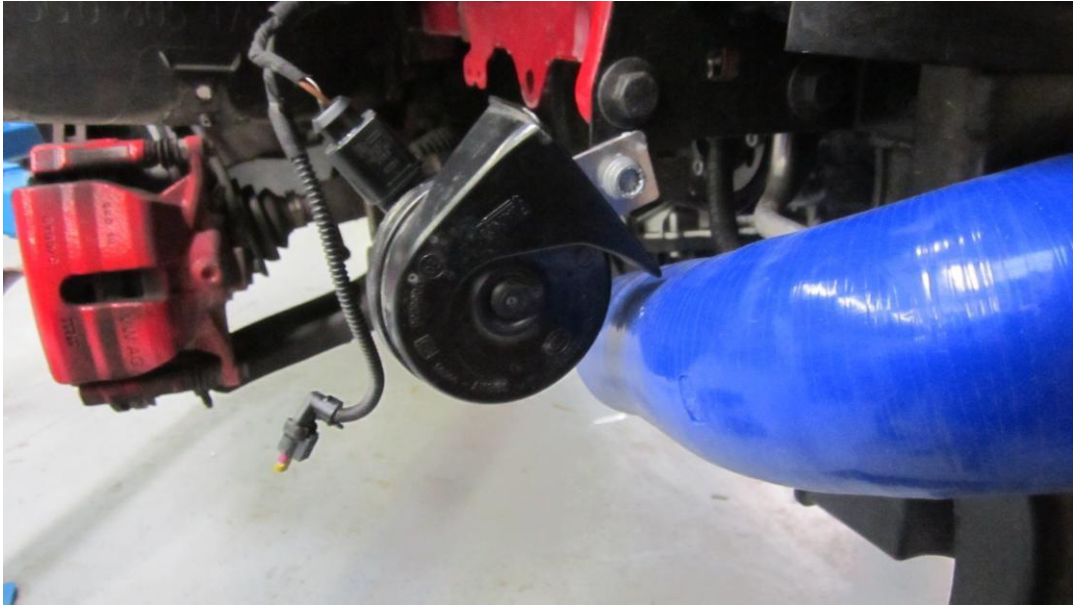


22. Using the horn brackets provided re-install the horns, look at the pictures for the correct orientation.



Passenger side right hand drive model.

Drivers side, right had drive model



23.Repeat steps 1-22 in reverse order for re assembly .

24.Your installation should now be complete. Enjoy your new found performance.



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