



Vauxhall Astra GTC Intercooler Fitting Instructions

Tools Required:

Access to vehicle lift or floor jack and axle stands

Flat blade screwdriver

E20 Torx Driver

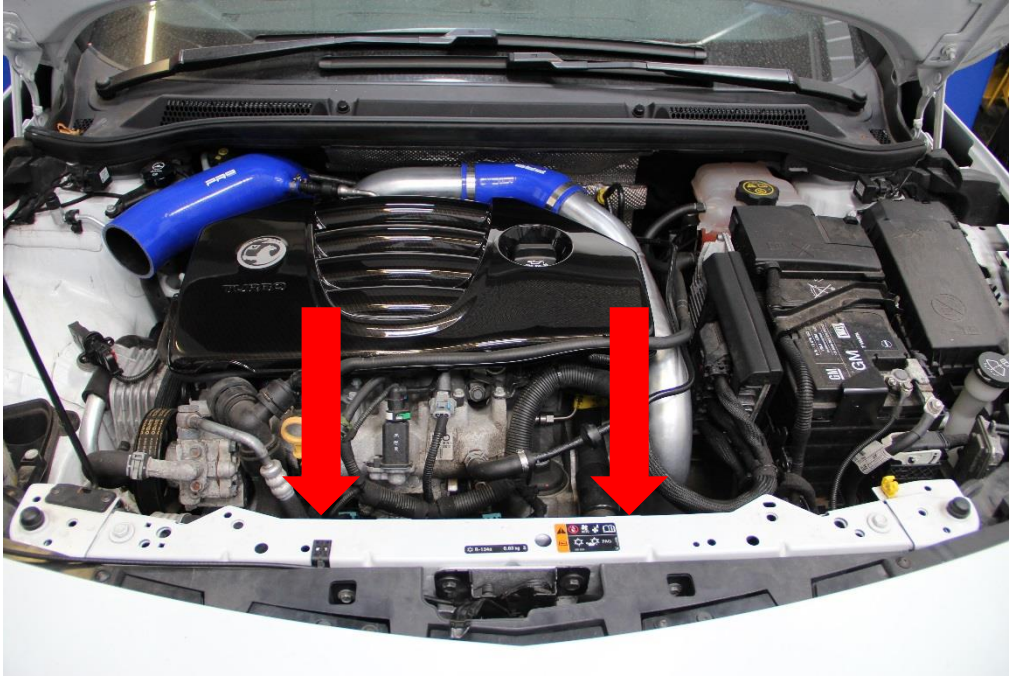
E12 E-Torx socket, 8mm socket, 13mm socket, extension bars and ratchet

7mm hose clamp driver

4mm drill bit and suitable drill.

Safety eyewear, footwear, gloves and protective clothing are also recommended.

1. Start by raising the car onto a ramp or suitable axle stands.
2. Remove 3 Torx screws from each wheel arch, Pull back wheel arch and undo bolt where the wing meets the bumper.
3. Undo Torx screws on top of the bumper in the engine bay.



4. Remove under tray and undo Torx holding the wheel arch to the bumper.
5. Loosen the E12 Torx mounting bolt from the bumper to the chassis.



6. Remove the bumper by pulling on each wing. Take caution unclipping the bumper underneath the headlights, Disconnect wiring loom for fog lamps. Once removed, place somewhere safe to avoid damage.



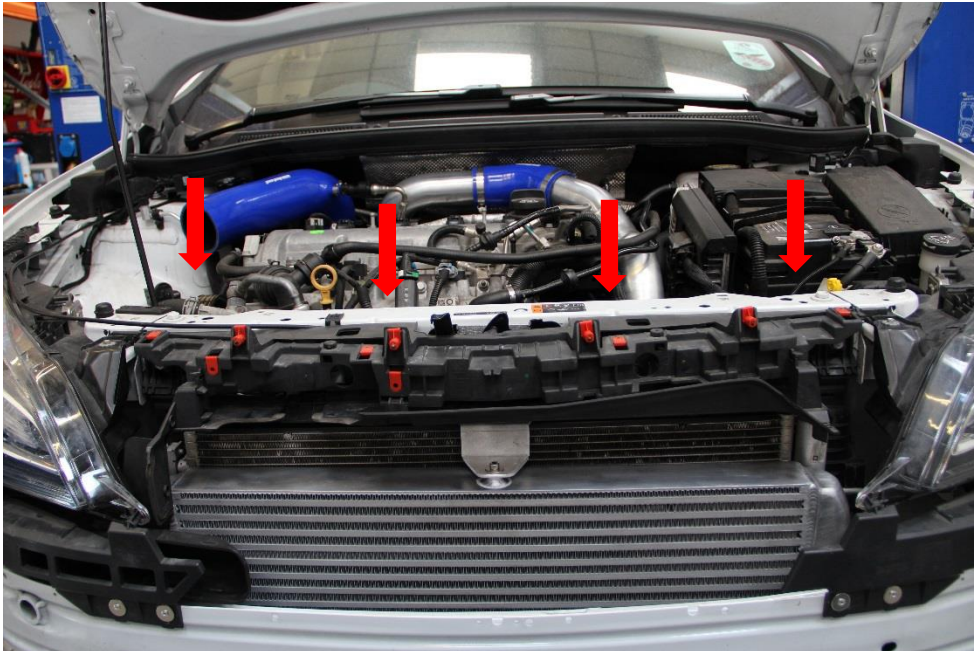
7. Remove 4x Torx screws along plastic front panel inside engine bay.



8. Undo bolt and 2 screws to remove air feed for the air box.



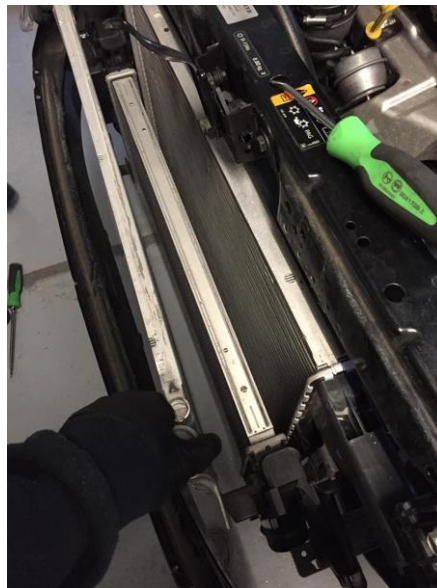
9. Using a 10mm socket, undo the 4 bolts on the front panel and unclip.



10. Unclip and rotate air guides on both sides of the air con radiator and remove.



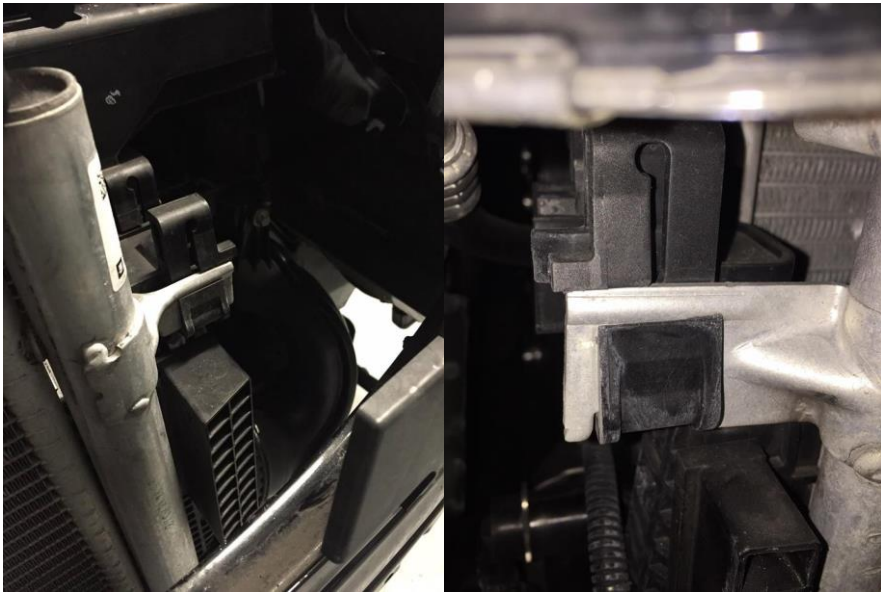
11. Carefully remove the rivets using a 4mm drill bit and suitable drill. Unclip the other end and remove plastic braces from under each headlight.
12. Unclip air con from intercooler using flat blade screw driver, pull forward and use jack to hold air con radiator in position.



13. Remove both boost pipes using flat blade screw driver to undo C clips where boost pipes connect to the cooler taking care whilst removing air flow sensor from top boost pipe. Pull intercooler upwards and remove.



14. Replace intercooler with standard air con rad using existing fixing points.



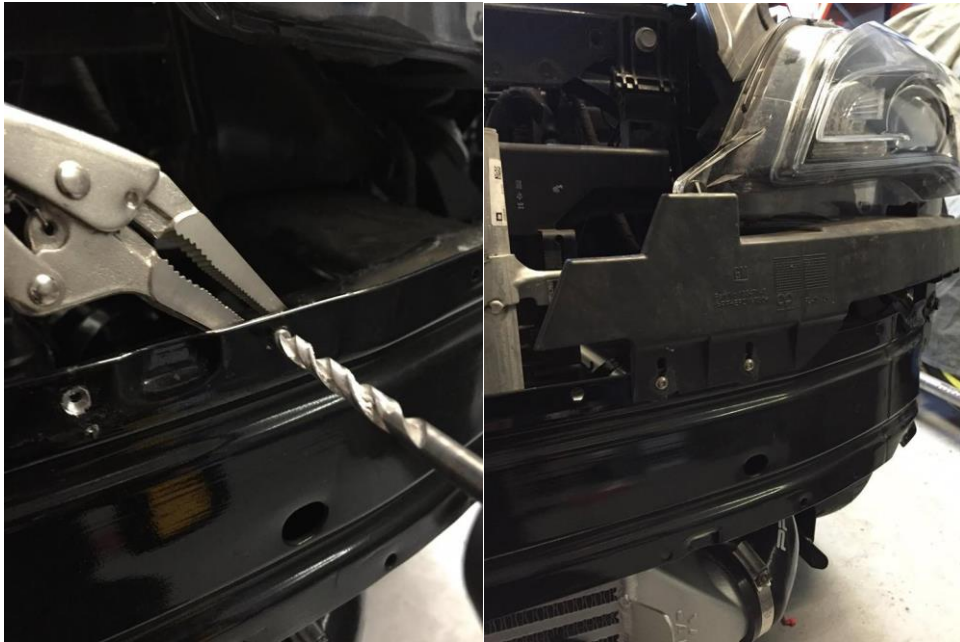
15. Bolt lower brackets to new AIRTEC Intercooler. Fit to car as shown, once lower brackets are mounted to the original cast mount. Add in the top mounting bracket and do up all the bolts tightly.



16. Fit silicone and hard boost pipe kit as shown below, do up all jubilee clips tightly and re-insert air flow sensor.



17. Drill out any remains of the original rivets from head light plastic. Remount the original plastic using original mounts but using bolts supplied in the fitting kit.



18. Re-install air scoop for the air box and plastic top panel, same as removal but in reverse.



19. Whilst bumper is off, there is a small section of plastic that can be removed from passenger side so all of the AIRTEC cooler can be on show. Remove this and refit

bumper remembering to reconnect fog lamps. Refitting is the same as removal but in reverse.

