

AIRTEC MOTORSPORT Fitting Instructions

Vehicle:	Ford Ranger 2.0 EcoBlue
Product:	Intercooler
Part number:	ATINTFO63



Kit Contents:

1x AIRTEC Motorsport Intercooler	1x M4x16mm Button Head Bolt
2x M8x16mm Socket Head Bolt	2x M4 Washers
2x M8 Washers	1x M4 Nut

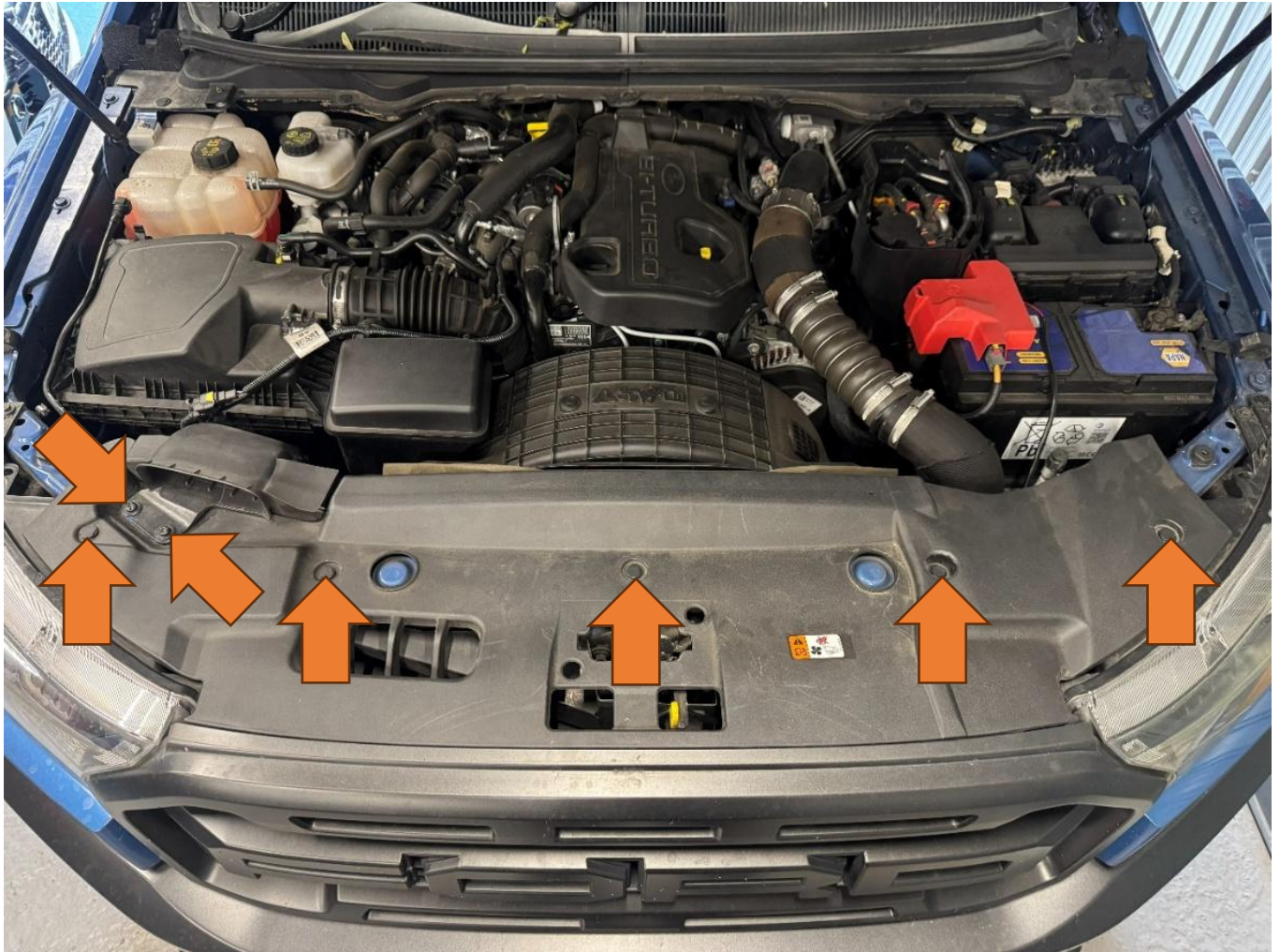
Tools Required:

Ratchet and Socket Set	Drill and Range of Drill Bits
Torx Sockets	Mole Grips
Trim Removal Tool	13mm Spanner

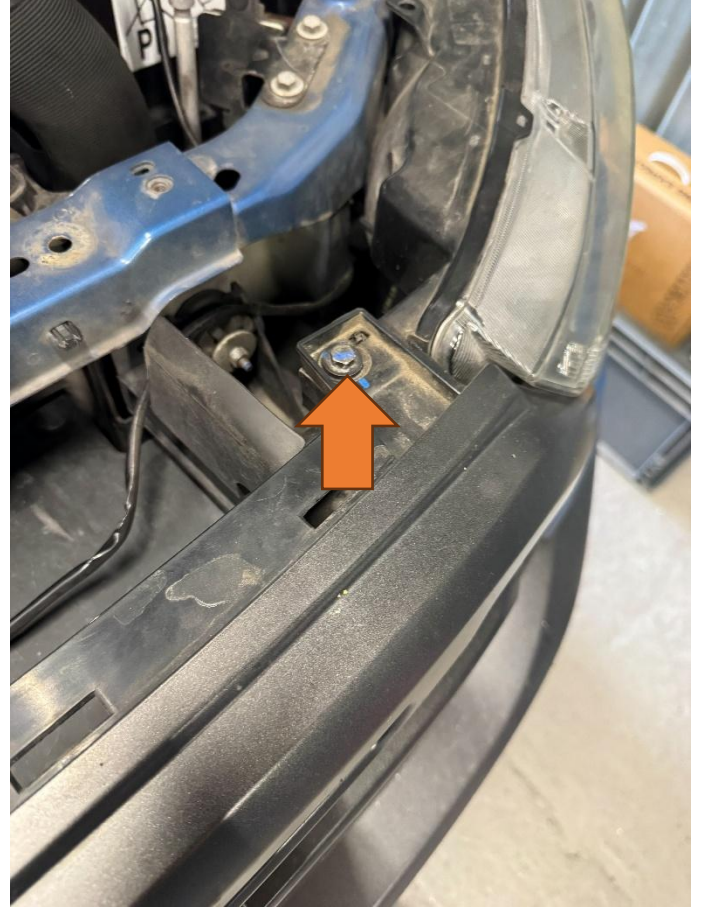
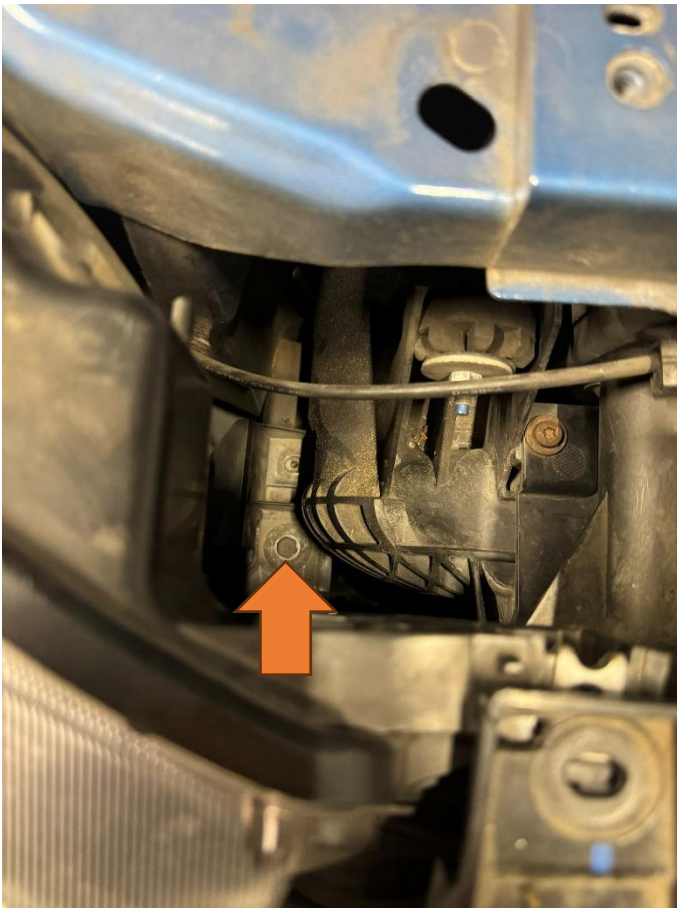
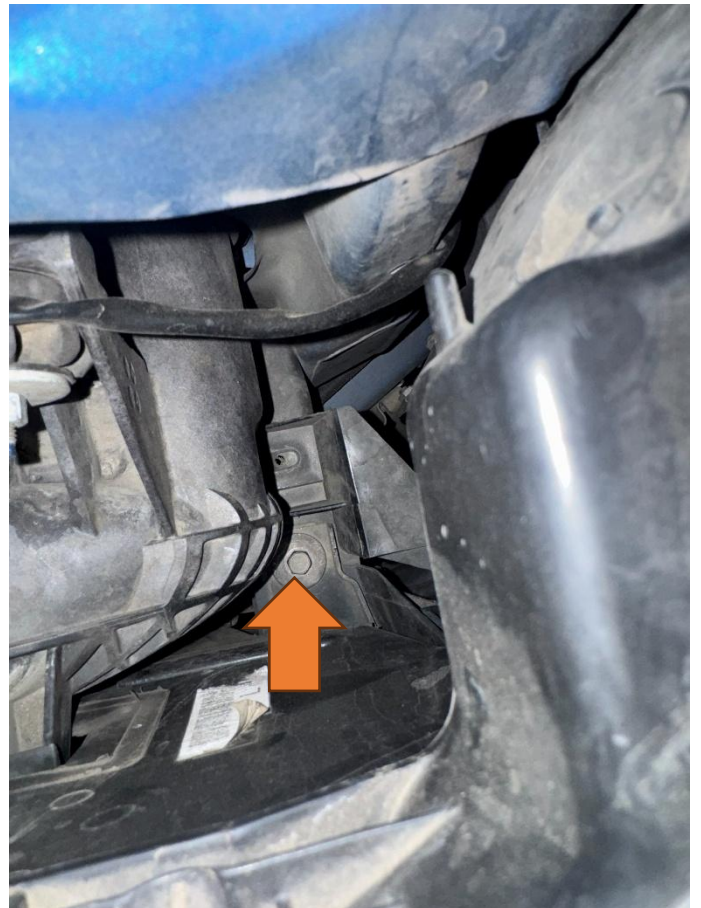
PLEASE THOROUGHLY READ THESE INSTRUCTIONS AND MAKE SURE YOU ARE FAMILIAR WITH THE STEPS BEFORE CARRYING THEM OUT

Instructions:

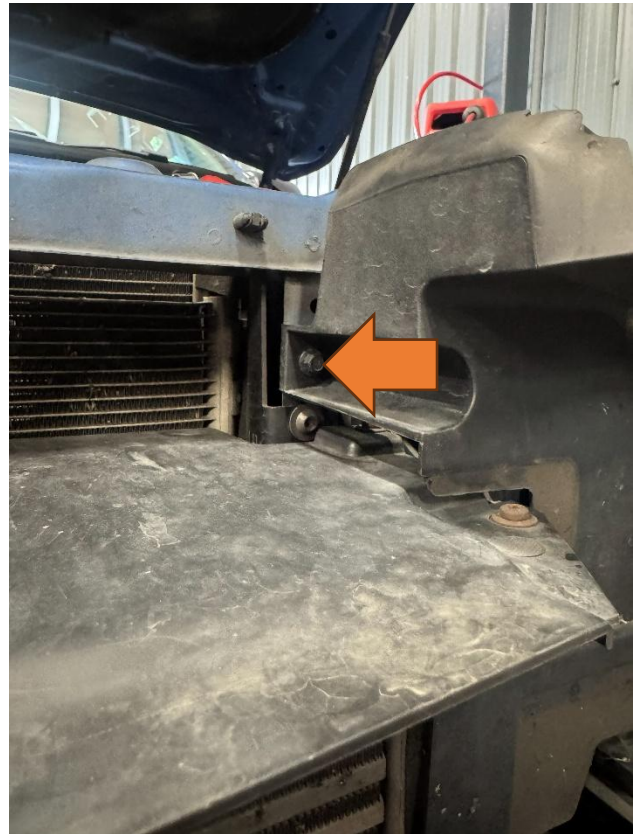
1. Remove the plastic slam panel cover by undoing the two T27 Torx bolts attaching the air feed on the left-hand side followed by the five plastic push fits using trim removal tool.



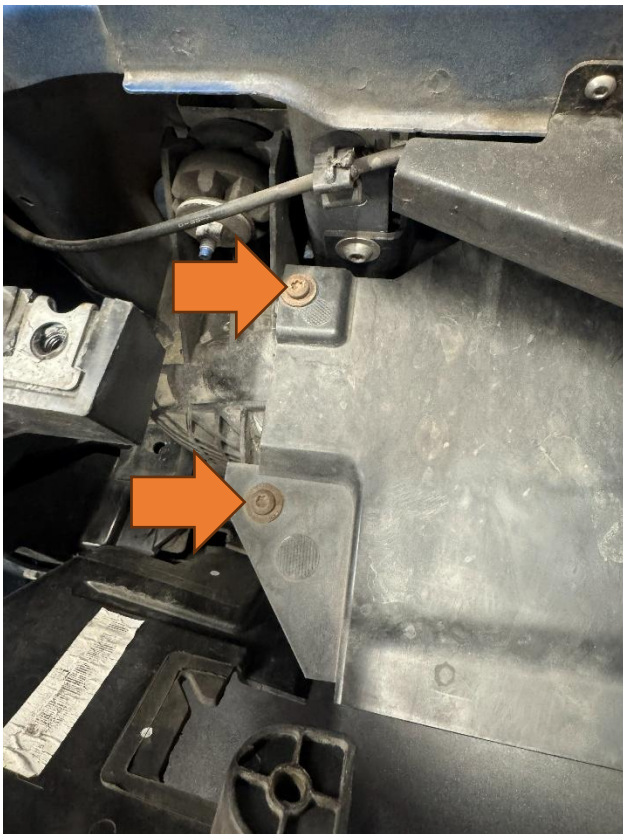
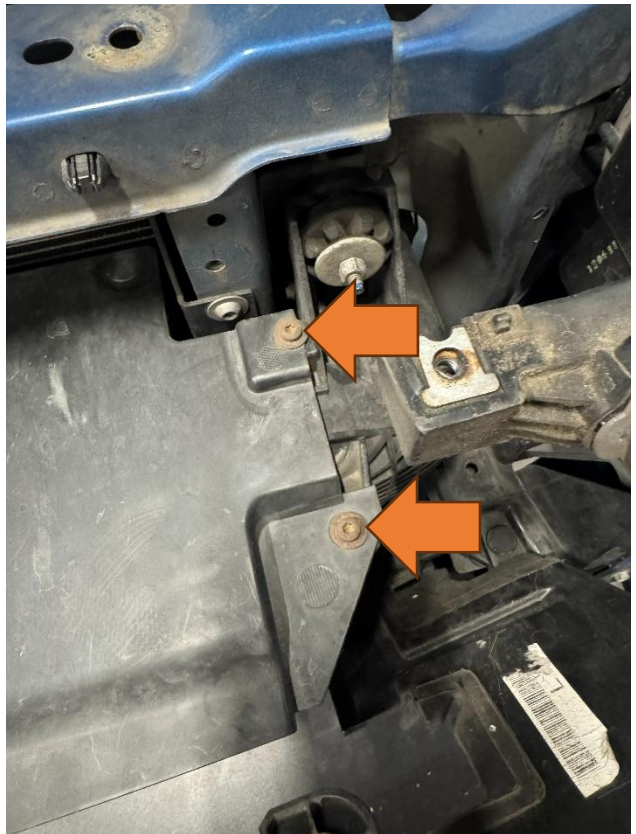
2. Undo the four 10mm bolts holding the front grille in place; two at the top and two at the bottom. Then carefully remove by pulling it forwards and away from the front of the vehicle.



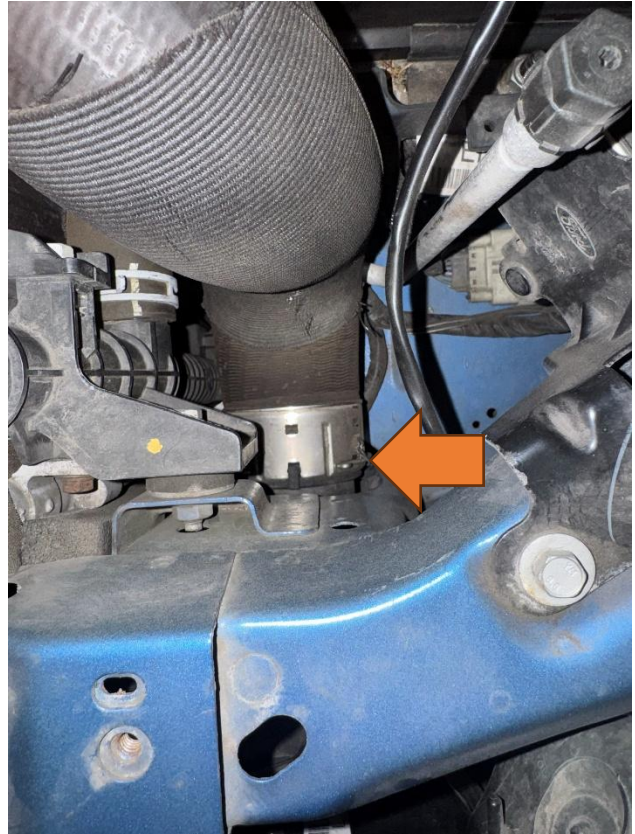
3. Undo the upper 10mm bolt each side of the plastic air diverters.



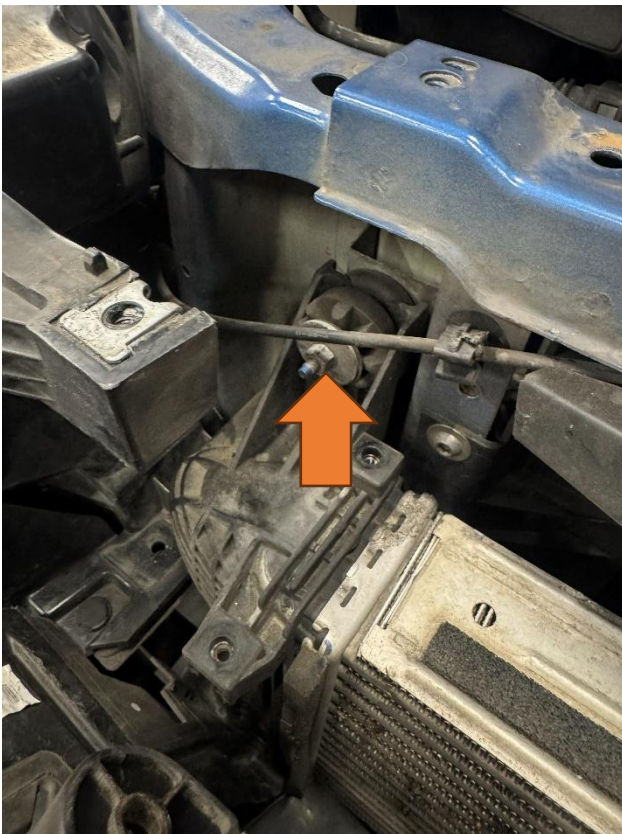
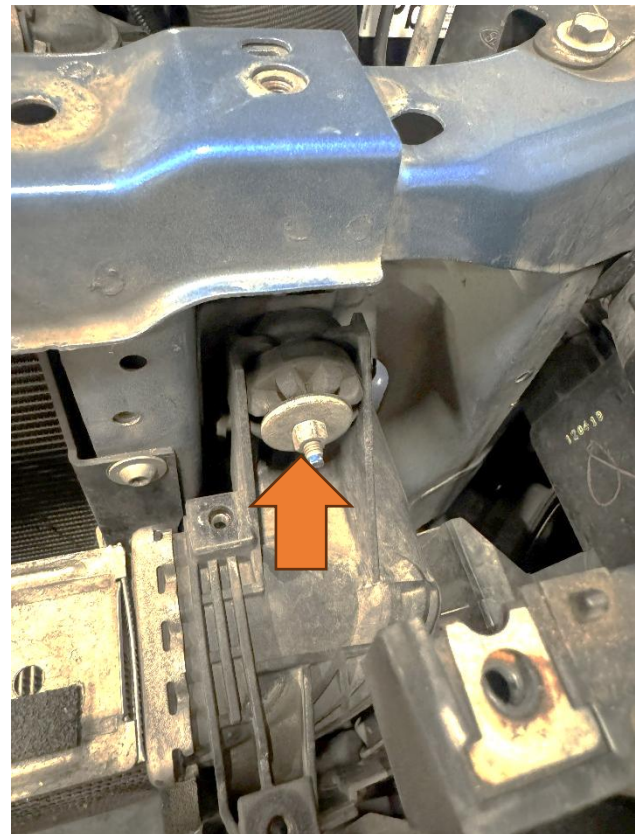
4. Remove plastic panel above the intercooler using a T25 Torx socket to undo the four bolts. Then place this aside as it is not reused.



5. Unclip the hose connector on each side of the intercooler by pushing down on the clip's tabs until it stops and then pull the connector away from the intercooler.



6. Undo the two 10mm nuts securing the intercooler to the truck.



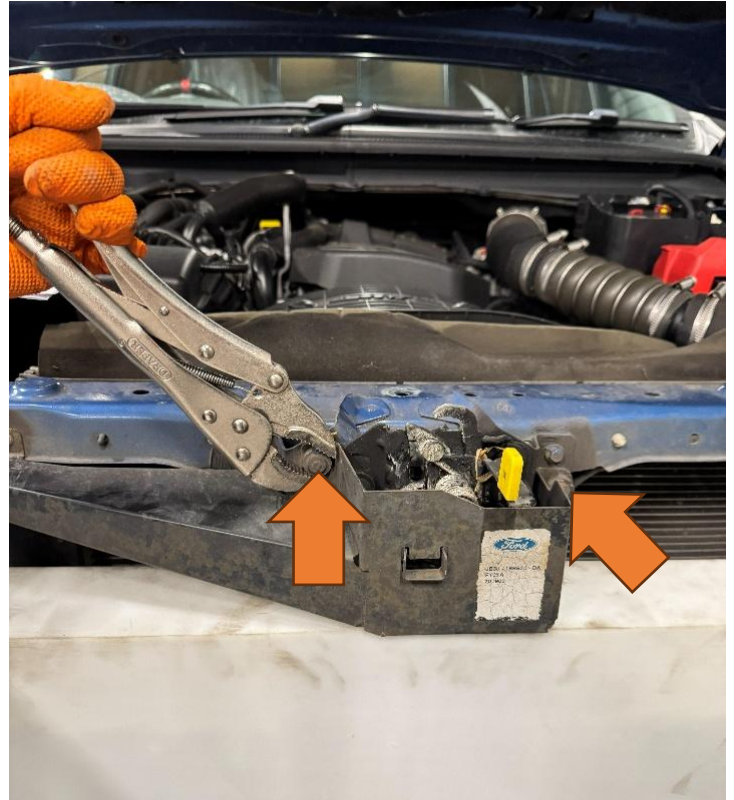
7. With the help of a second person, pull the top of the intercooler forward to release it from the threads and continue to tilt it forward until it clears the headlights. The air diverters will fold forwards at the same time and then you will be able to lift the intercooler up out of the vehicle.



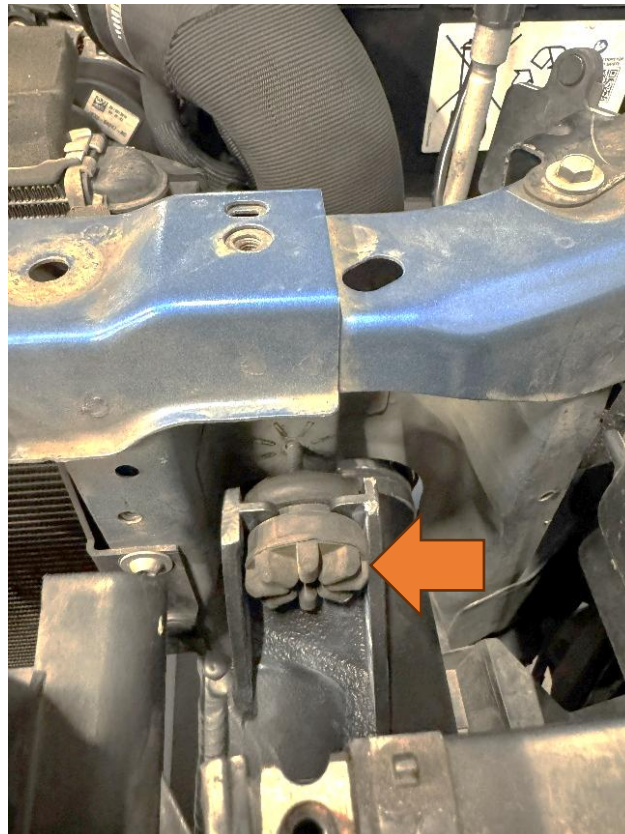
8. If the rubber bushes are still attached to the bottom of the intercooler, refit them onto the vehicle.



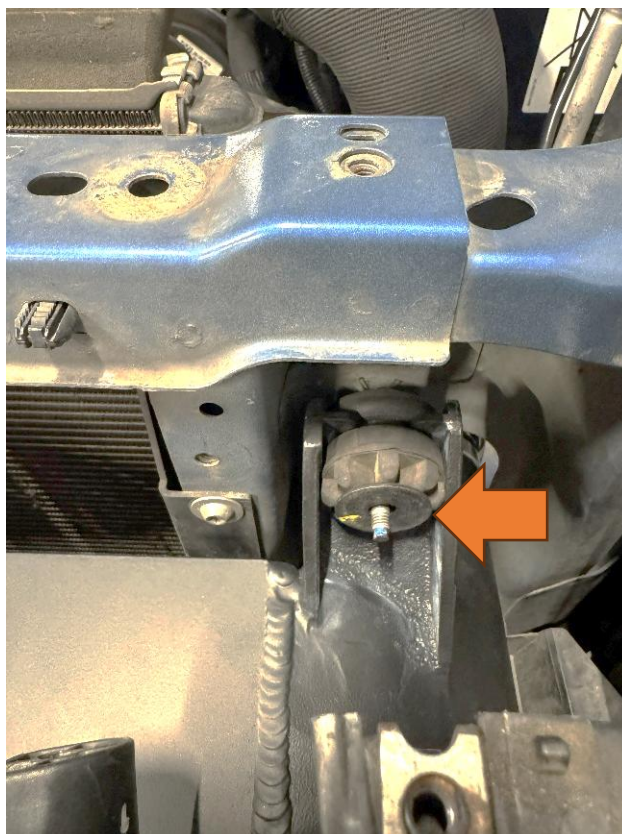
9. To install the new intercooler, you will need to temporarily remove the bonnet catch guard. To do so, drill out the small rivet on the left-hand side and then use mole grips to hold the fixing and turn it anticlockwise to undo. For the right-hand fixing, use a 13mm spanner on the back to help the mole grips undo the nut.



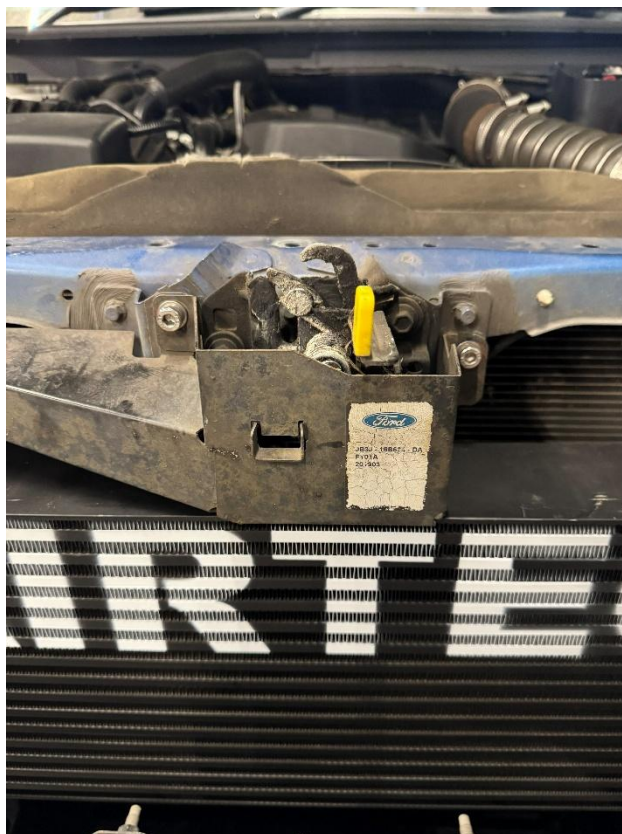
10. With the help of a second person, hold the air diverter forward and slide the intercooler in place in reverse of removal, ensuring you push down on it to compress the rubber bushings at the bottom. Once in position, remove the top rubber bushings from the old intercooler and refit them to your new intercooler, as shown.



11. Now secure the top fittings in place with the original metal inserts and securing nuts removed in Step 6. You can then reconnect the hoses in reverse of removal ensuring they are secure.



12. The bonnet catch guard can now be reinstalled using the M4 bolt, nut and washers supplied in the kit to replace the rivet removed in Step 9. For the other fixings, use the M8 bolts with washers provided to secure it and reuse the original nut for the right-hand side fixing removed in Step 9.



13. Finally, reinstall the grille and top panel in reverse of removal.

