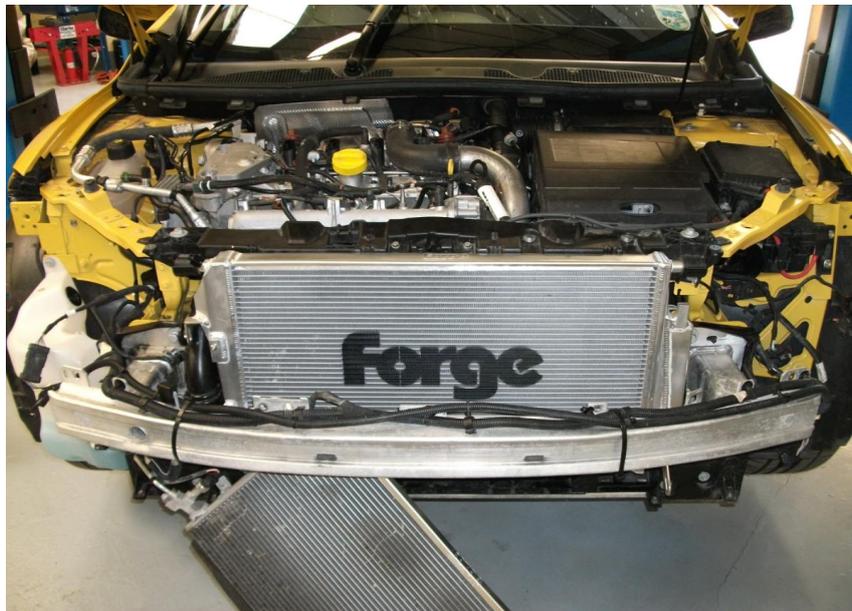




RENAULT MEGANE RS 250 LARGER CAPACITY ALLOY RADIATOR

INSTALLATION INSTRUCTIONS

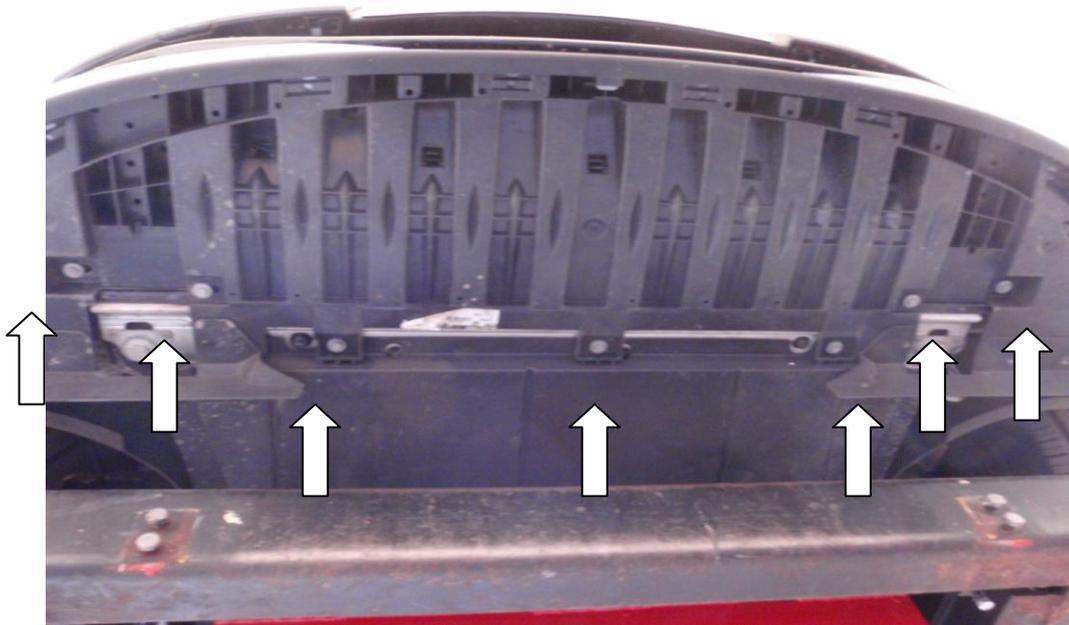
PLEASE BE ADVISED: THIS RADIATOR CAN ONLY BE INSTALLED USING A FORGE MOTORSPORT
FRONTMOUNT INTERCOOLER.



Tools needed:

- 10mm, 13mm socket and 3/8 ratchet with suitable extensions
- 6mm allen key or allen socket
- 10mm and 13mm spanner
- T20 and T30 torx sockets
- Needle nose pliers
- Drill and 9mm HSS drill bit
- Flat bladed screwdriver
- Hose clamp remover

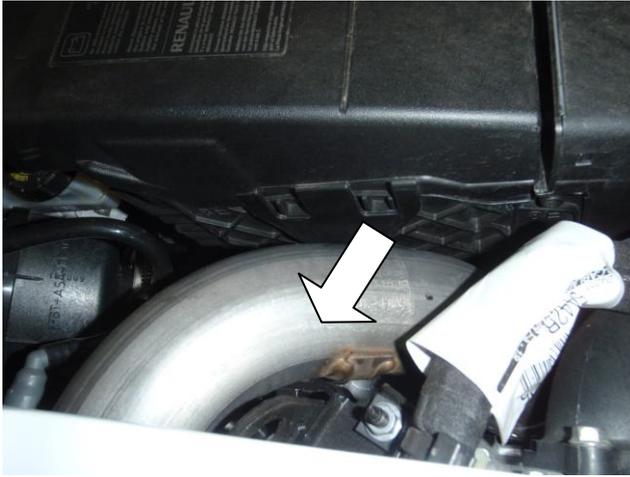
1. Park the car on level ground ,jack up the front of the car and support on axle stands to give you access to the underside of the front bumper .Start by removing the seven 10mm bolts shown below.



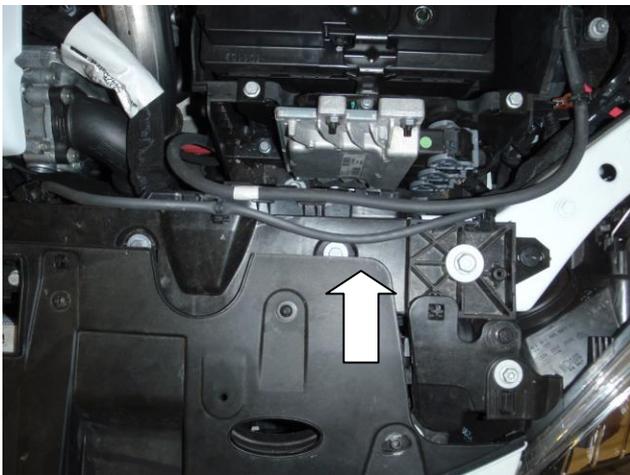
2. Working in each wheel arch ,remove the two T20 screws on the edge of the arch liner,then peel back the liner at the top and undo the single T30 bolt.



- 3.



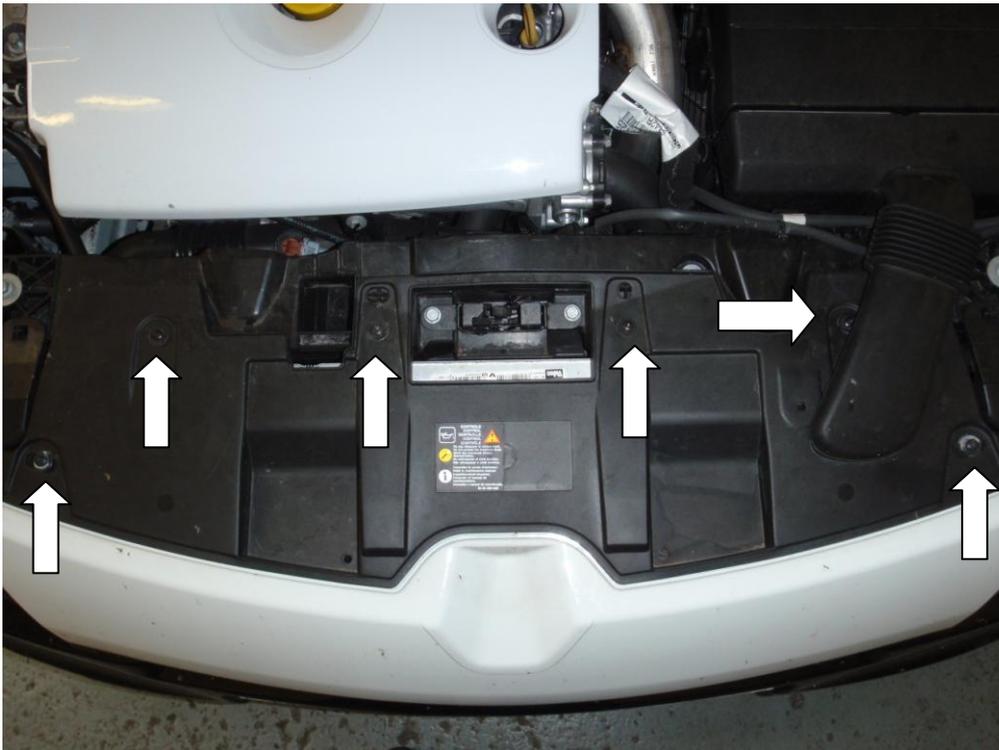
Pull the tabs out on each side of the battery cover and remove it from the car .



Pull the airfeed upwards to release it from the top of the bumper ,then pull the front section of the battery cover to release it from the battery



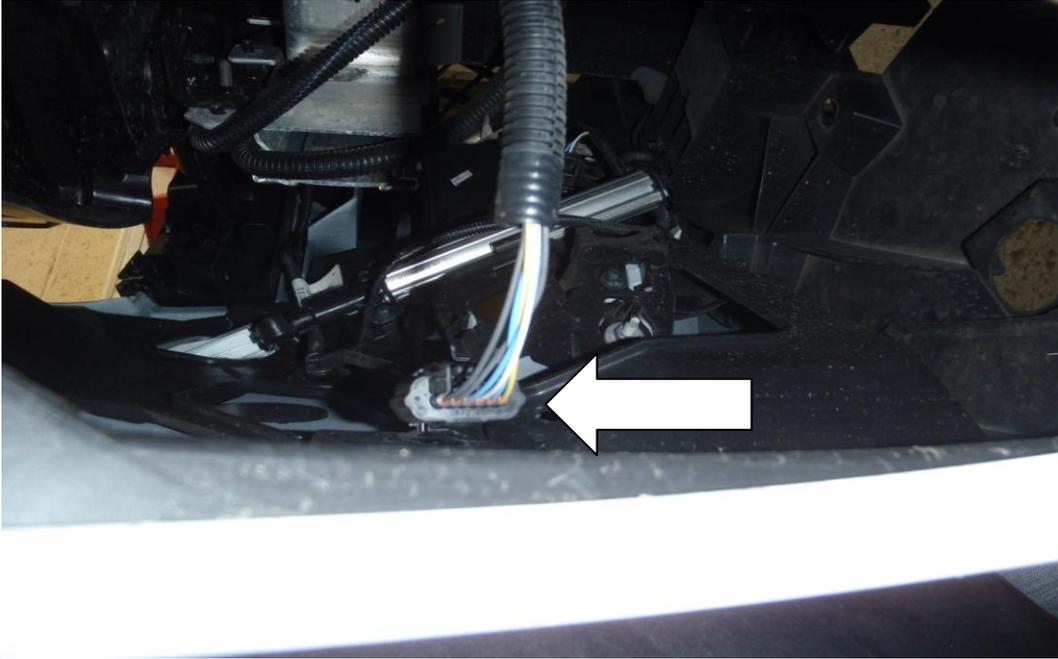
4. Undo the six T20 screws on the top of the bumper .



5. Grip the edges of the bumper where they meet the wing ,and pull sharply to release it from the plastic clips along the edge .

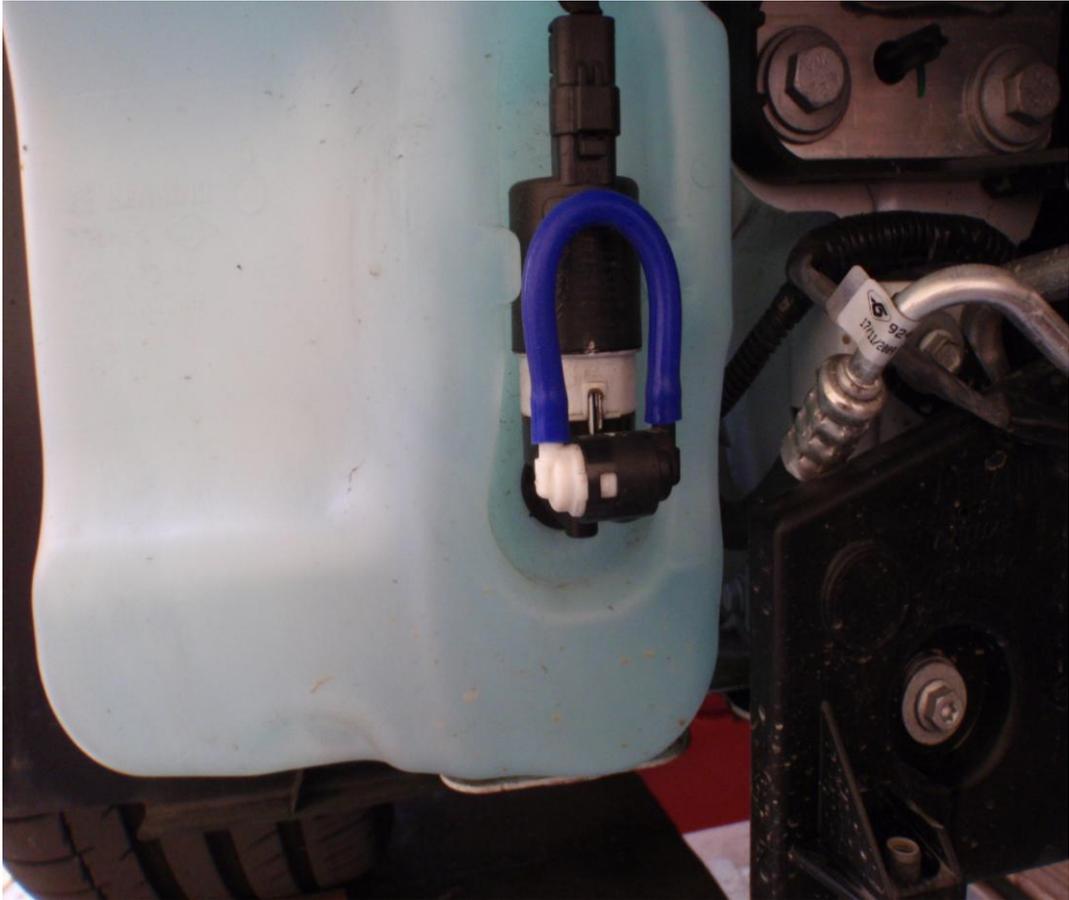


- Lift the bumper forwards slightly off the car ,until you can access the electrical connector on the inside of the bumper passenger side (RHD)or drivers side on (LHD).Ensure the ignition is of and detach the harness

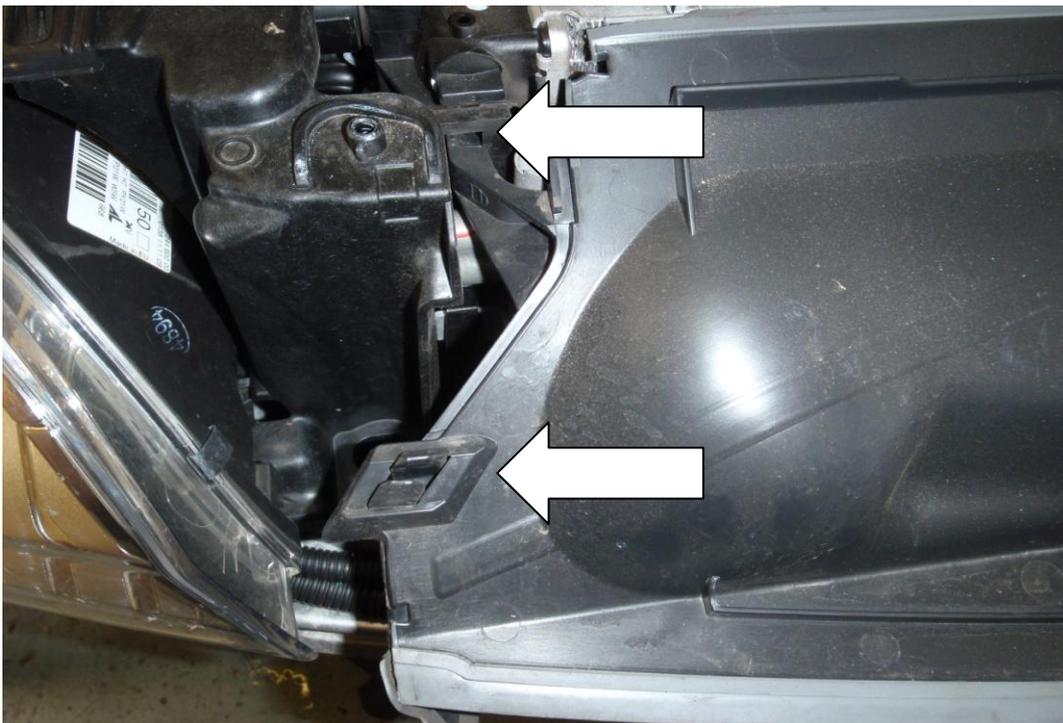


- If you have headlight washers fitted,you still won't be able to remove the bumper from the car .Detach the washer hoses for left and right washer from the pump outlet on the washer bottle. As you do this ,water will leak out ,so use the provided length of silicon hose to cap the holes.

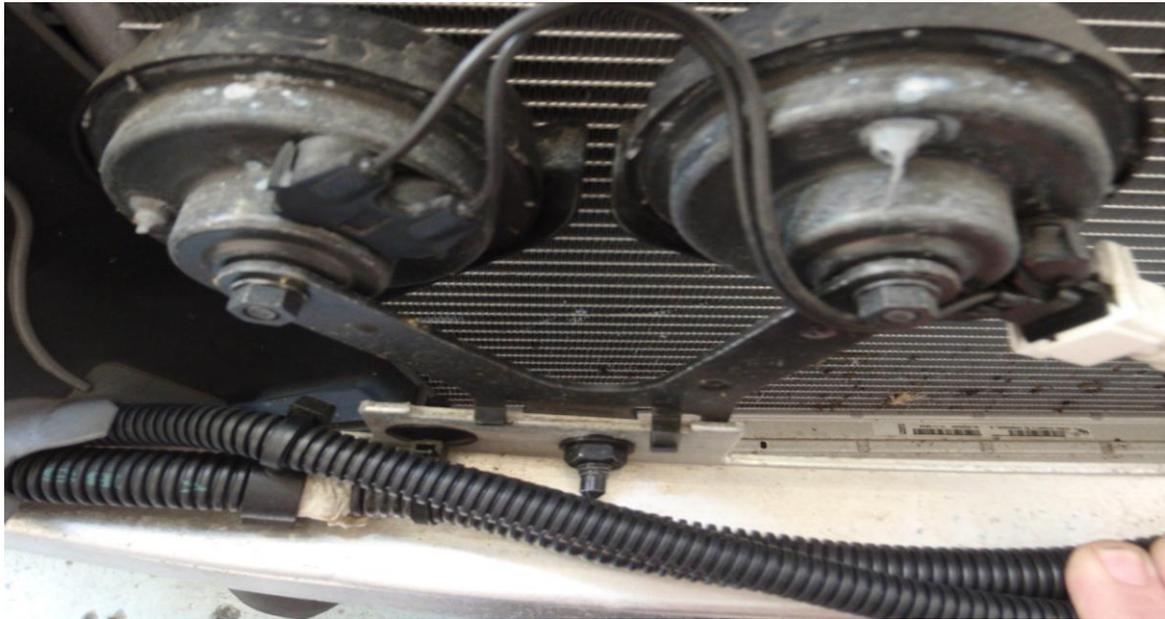




8. Place the bumper away from the car ,and remove the side ducting down each side of the condenser and the top ducting that was underneath the bumper top edge .The side ducting is clipped to the ducting on the front edge ,and held in place with clips on the slam panel that can be pushed out with a screwdriver.



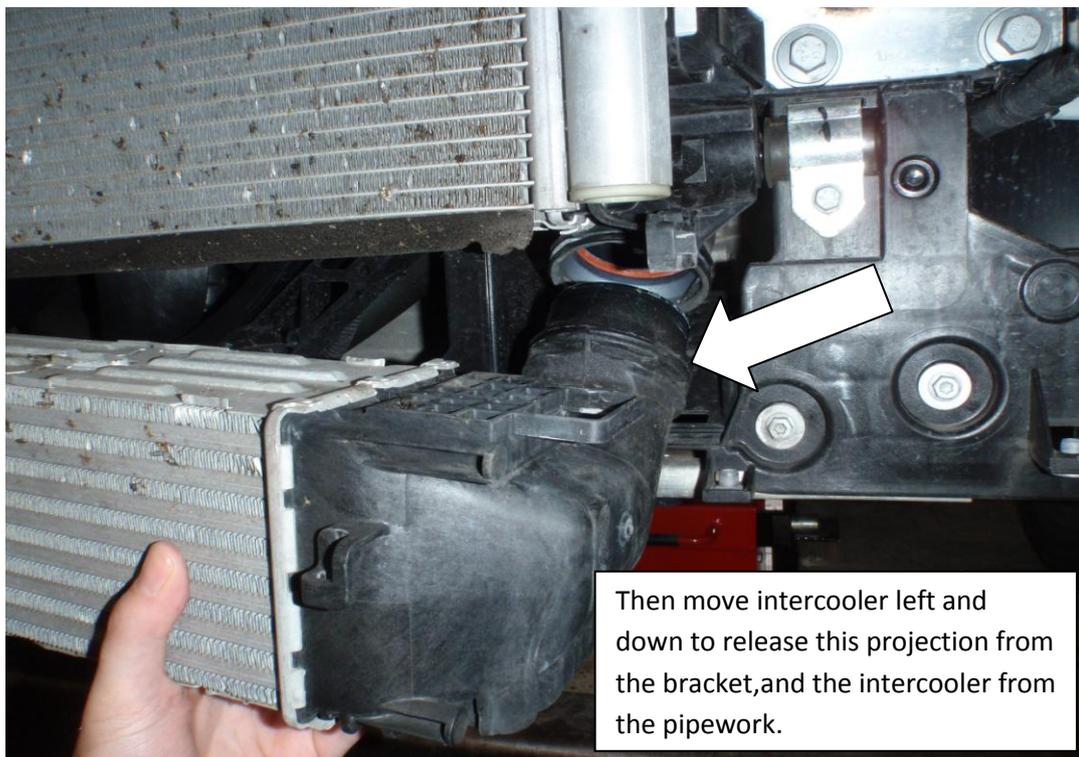
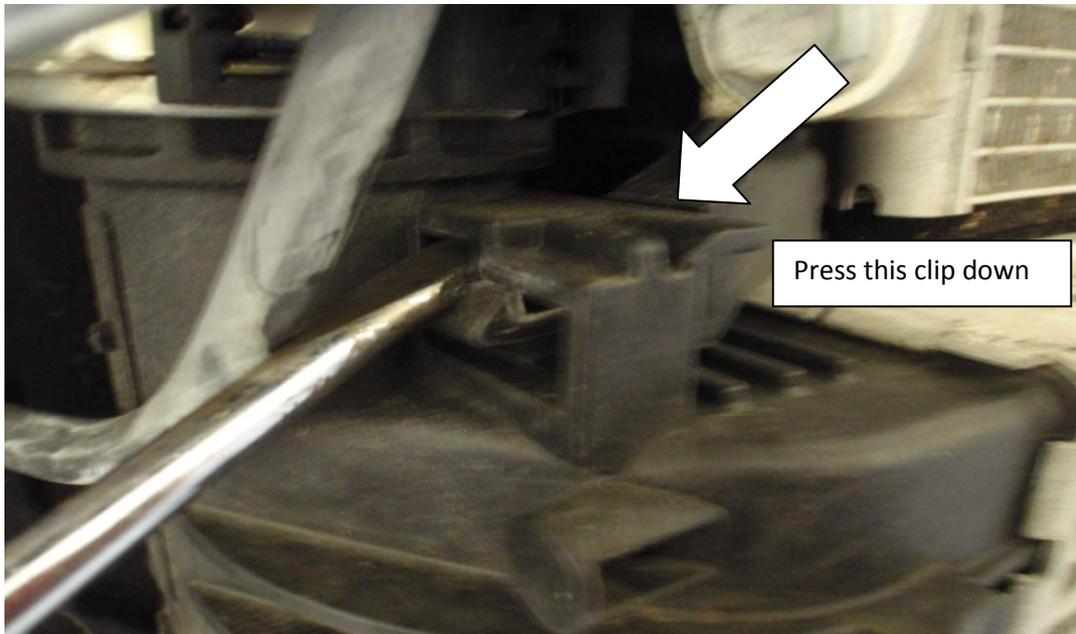
- Unclip the electrical connection to the horn by squeezing the metal retainer, and remove the single 10mm nut holding it to the crash bar.



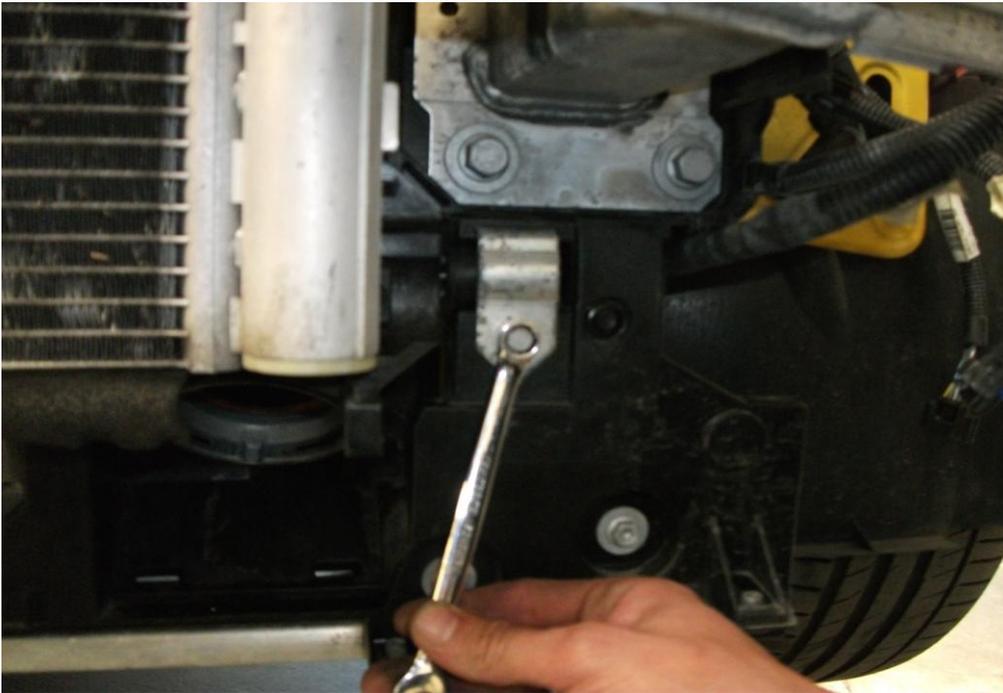
- Use a flat headed screwdriver to prise the retaining clip out of the passenger side intercooler intercooler. When its out far enough it will 'click' into place.



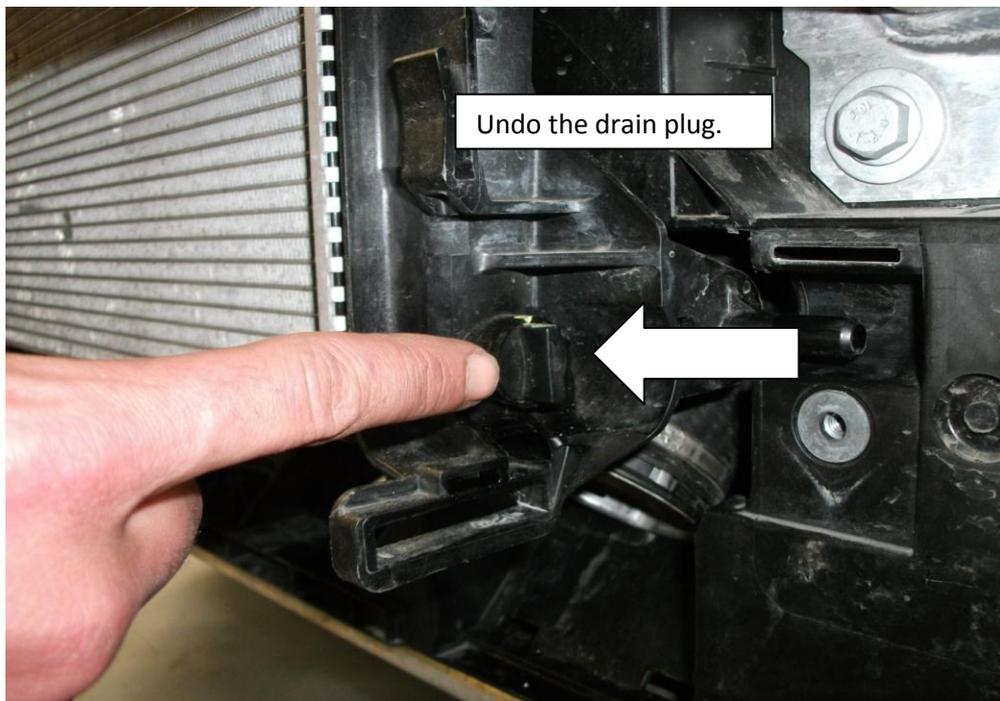
10. On the drivers side of the intercooler ,depress the clip holding the intercooler to the car with a flat bladed screwdriver.At the same time ,push the intercooler to the left (looking from the front of the car)to release from the bracket on the passenger side ,then pull down to release the passenger side connector.



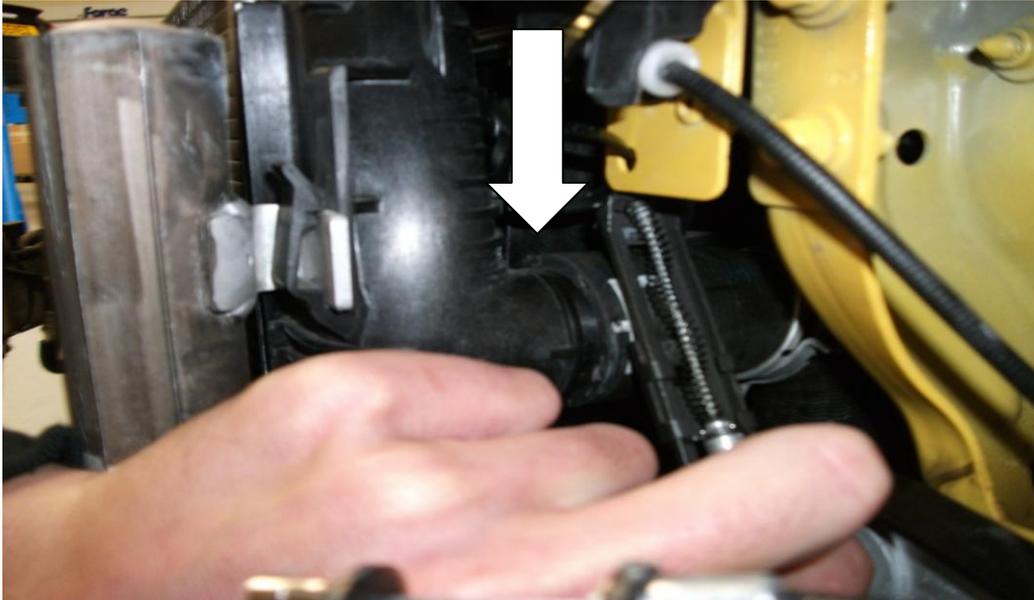
12. Once the intercooler has been removed use a 10mm spanner to undo and remove the lower radiator mounts, there is a bracket located on both sides of the radiator.



13. Now you need to drain your radiator of coolant please make sure you dispose of the coolant responsibly your local authority should have a service for this. To drain the coolant a drain plug is located on the lower right hand side of radiator (when viewed from the front of vehicle).



14. Once the coolant has been removed remove the left and right hand side coolant hoses with a hose clamp remover .



15. Now that the coolant is drained and the coolant hoses are disconnected lift out the air conditioning condenser . There are four plastic clips holding this in place, pull back the clips and remove the condenser unit to the front of the vehicle allowing access to remove the radiator.



16. Pulling the bottom of the radiator out of the locating recess helps with ease of removal followed by lifting the radiator vertically to avoid damaging the condenser unit. Your radiator should now be removed.



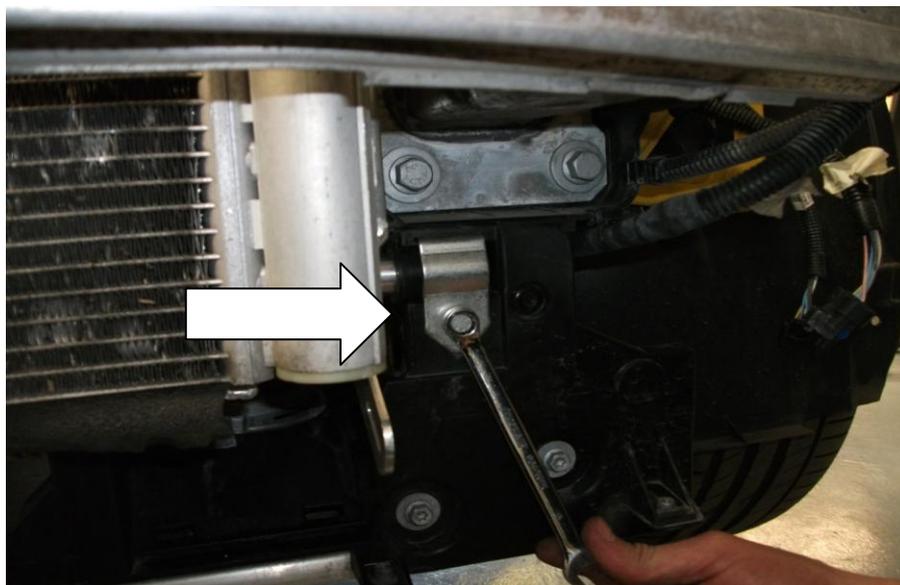
17. Now you can remove the four rubber bushes from the oem radiator and place onto the new alloy forge radiator.



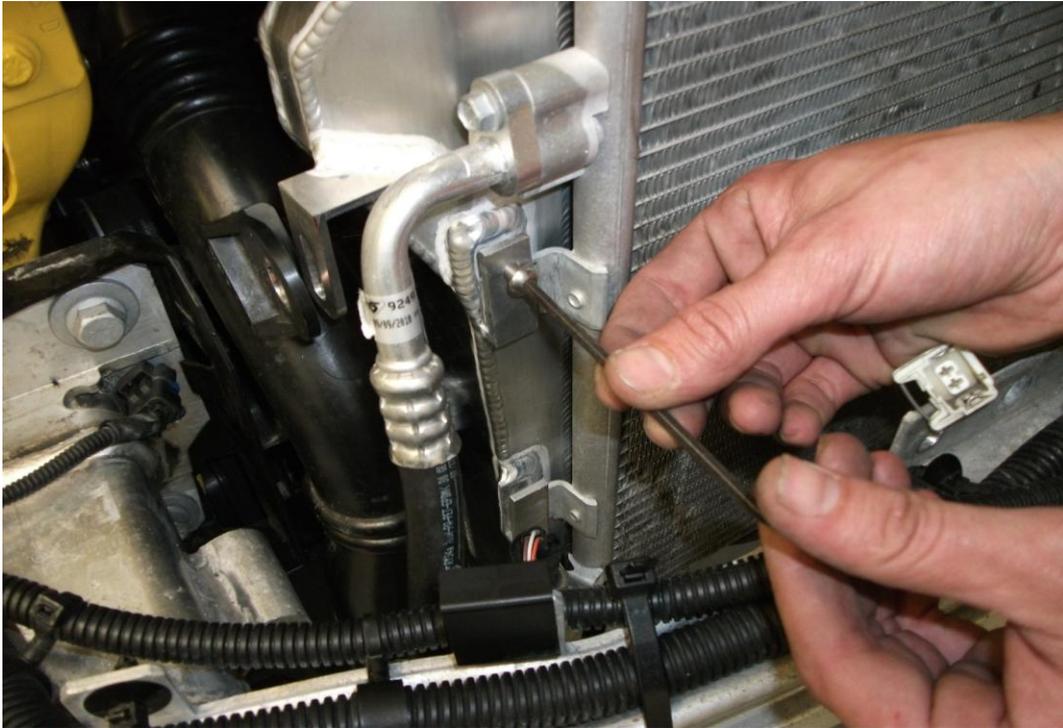
18. Once the rubber bushes are refitted to your forge radiator you can place it back into its original position, it makes it easier if you connect your inlet and outlet radiator hoses during the positioning of the radiator.



19. Now using a 10mm socket do up the left and right hand side lower bush clamps.



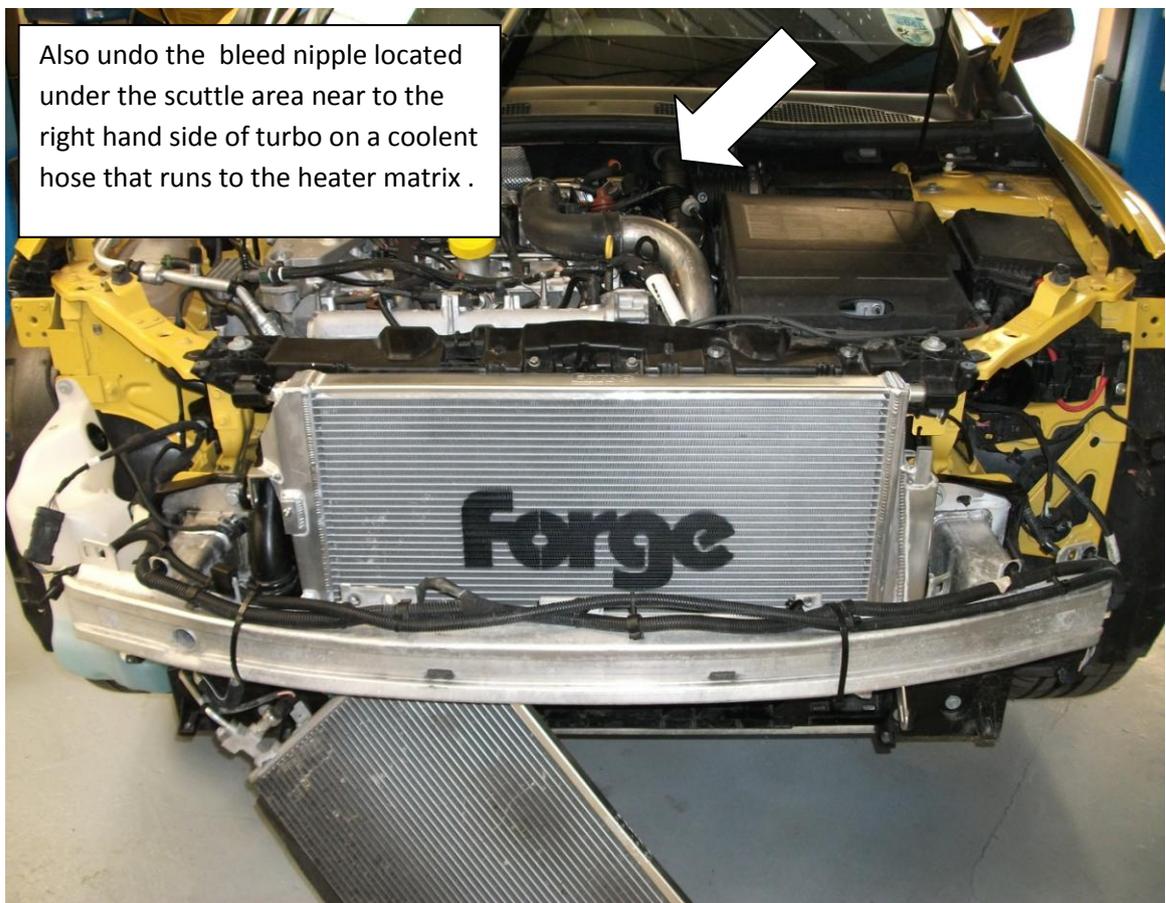
20. Refit the air condenser and tighten the button head screws using a 4 mm allen key. **DO NOT OVERTIGHTEN AS THIS WILL STRIP THE TREAD JUST PINCH THESE UP A LITTLE MORE THAN FINGER TIGHT .**



21. Undo the bleed cap on the top left hand side of radiator using a 17mm spanner .



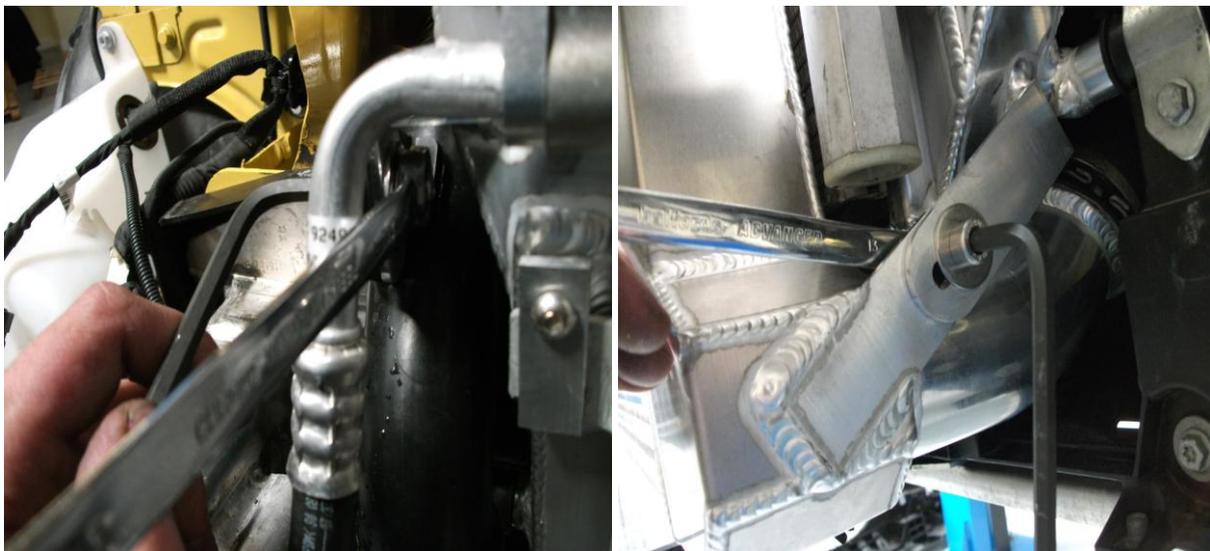
Also undo the bleed nipple located under the scuttle area near to the right hand side of turbo on a coolant hose that runs to the heater matrix .



22. Refill your radiator with coolant and bleed system .



23. Using a 13mm spanner and 6mm allen key do up and tighten the boost pipe on left hand side of the radiator .It helps if these are left loose during the refit of intercooler and tightened once the intercooler is in position .There is also a bracket on the lower right hand side of the radiator, leave this loose ,once the boost pipes are connected to the intercooler and its in position ,tighten fixings.



24. Follow steps 1 to 11 in reverse to refit bumper then start your engine and check for leaks, Remember to check your coolant level once your car has reached running temp and then cooled .



Please check out our other performance enhancing products for the Renault Megane RS 250 in our extensive catalogue, remember if you are using your car for serious track use other cooling aids may be required to help your engine work as efficient as possible. Thank you for using forge motorsport products.

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