

# Honda Civic Type R FL5 Turbo Radiator Fitting Instructions

## Tools needed:

- Ratchet and Socket Set
- 5mm Allen key
- Cross-Head Screwdriver
- Trim Removal Tool or Flat-Blade Screwdriver
- Hose Clamp Pliers
- Jubilee Flexi-driver

## Kit Includes:

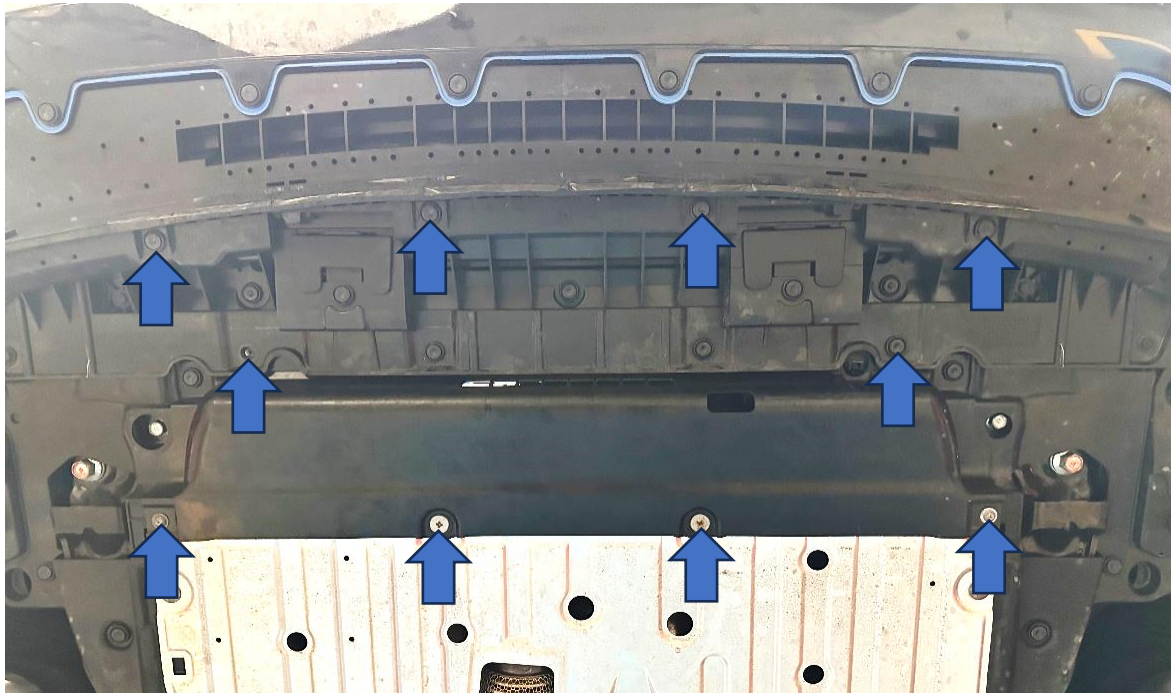
- 1x AIRTEC Motorsport turbo radiator
- 1x AIRTEC Motorsport radiator bracket
- 1x Pro Hoses silicone hose kit (two hoses)
- **Fitting kit:**
  - 2x Rubber Bushes
  - 1x 25mm P-Clip
  - 1x M6x30mm Socket Head Bolt
  - 1x M6x20mm Socket Head Bolt
  - 4x Jubilee Clips
  - 2x M6 Pan Washers



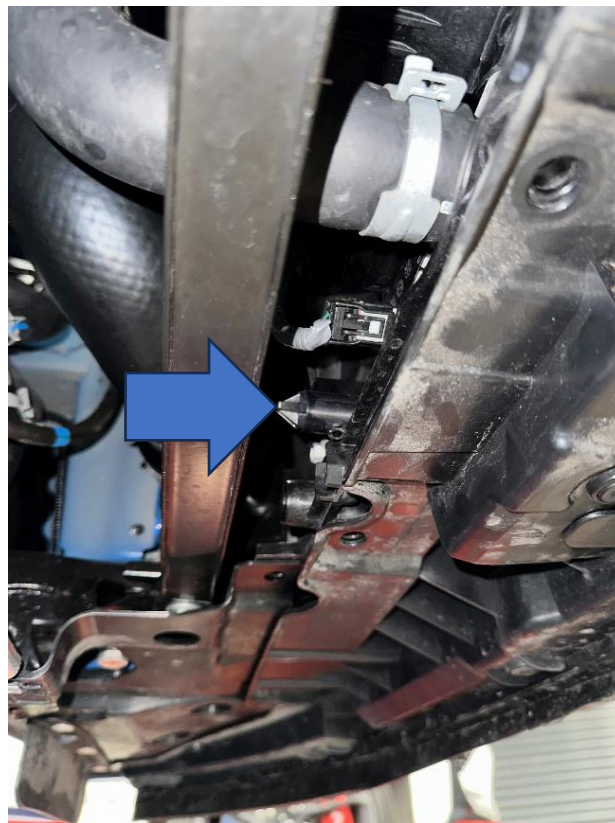
PLEASE THOROUGHLY READ THESE INSTRUCTIONS AND MAKE SURE YOU ARE FAMILIAR  
WITH THE STEPS BEFORE CARRYING THEM OUT

# Instructions

1. Raise the vehicle into the air and remove the front lower plastic under tray.



2. On the rear left-hand side of the radiator, locate the coolant drain point and using a suitable container to collect any spillage, undo the drain plug by using your hand to turn it anti-clockwise allowing the coolant to drain. Once empty, re-tighten the drain plug.



3. Inside the engine bay, locate and undo the two 10mm bolts holding the upper radiator bracket and remove it from the car.



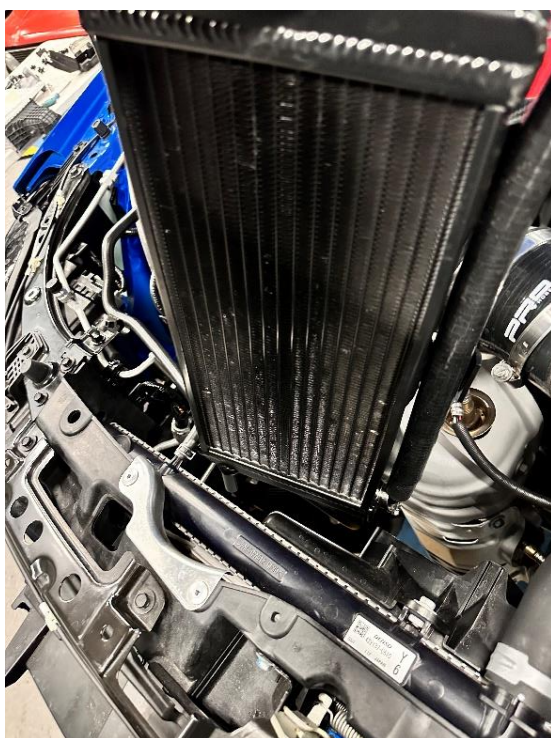
4. Remove the rubber bush from the original radiator bracket (blue arrow) and install it onto the supplied mounting bracket along with the two supplied rubber bushes (orange arrows).



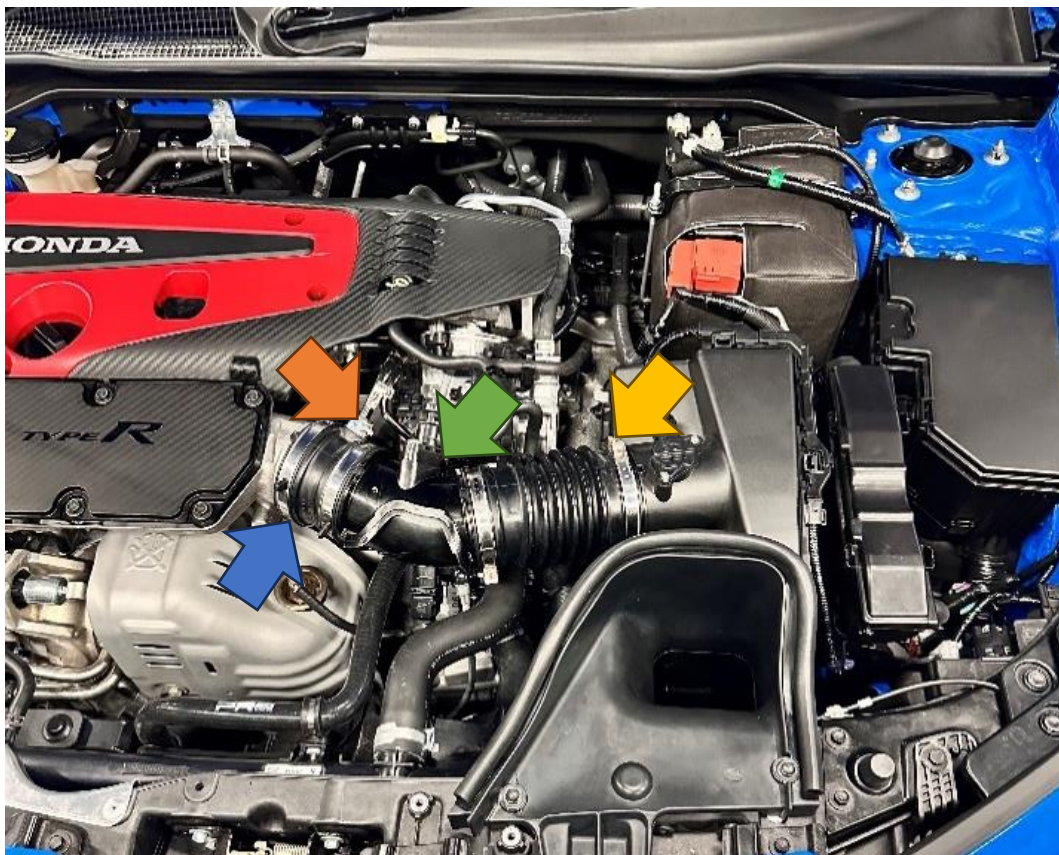
5. Install the longer supplied silicone hose onto the radiator exactly as shown, but do not fully tighten the jubilee clip at this stage.



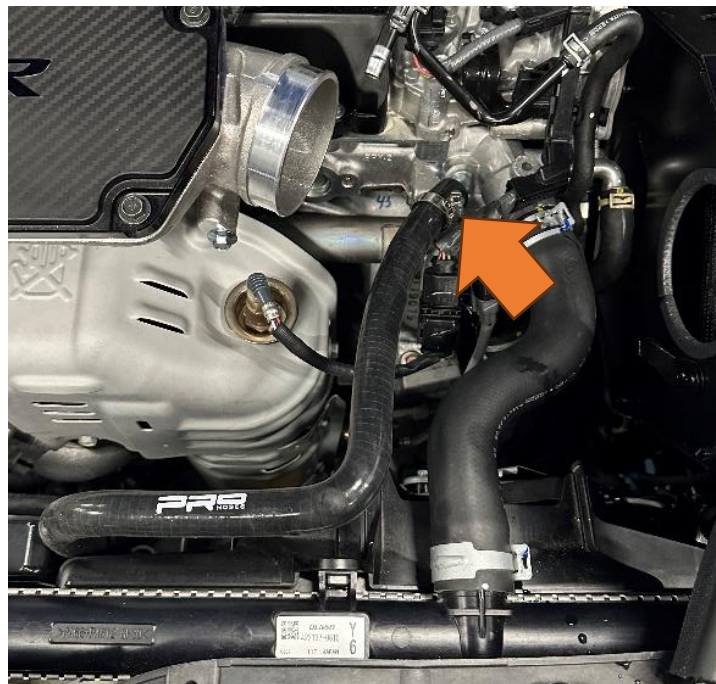
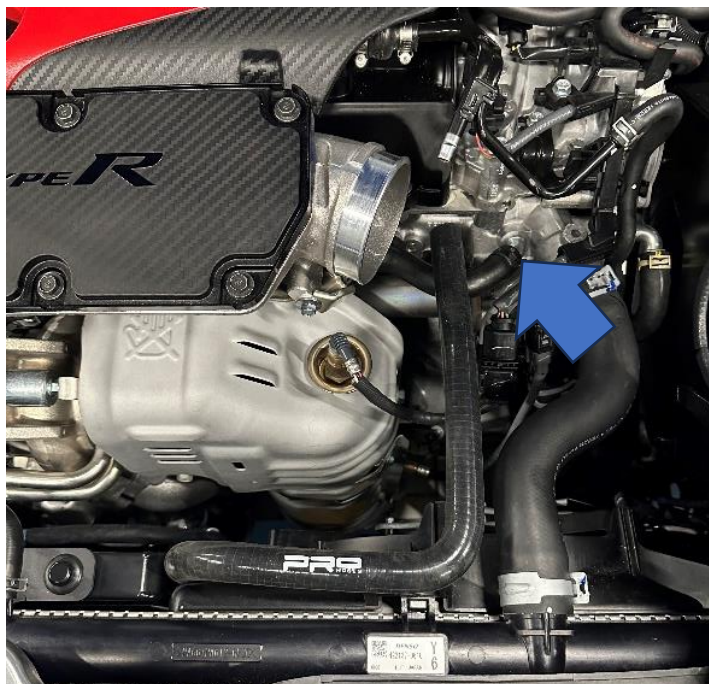
6. Now position the radiator in the car. The lower locating pin slots into a hole in the bottom of the radiator pack. Once in place, you can then install the new mounting bracket by locating the pins into the rubber bushes before reinstalling it with the original bolts. **Please note:** Take care not to damage the original radiator whilst you position the turbo radiator.



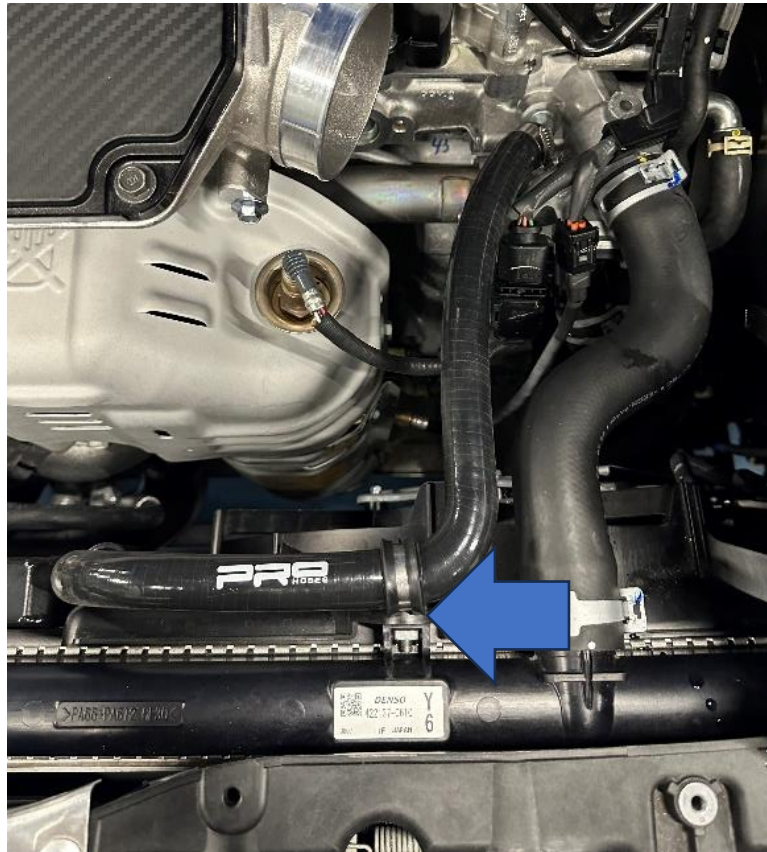
7. You now need to remove the intake hose. Start by removing the intake hose clamp (blue arrow) and clip on the vacuum line (orange arrow). Then undo the two T27 bolts holding the vacuum block (green arrow) and then undo the clamps to the air box (yellow arrow) to release the complete hose.



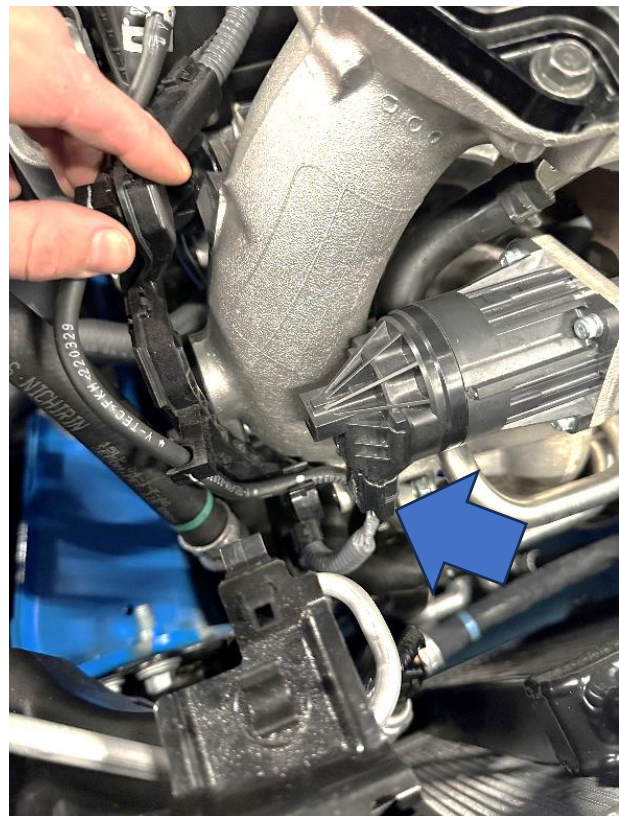
8. Now locate the original coolant hose (blue arrow) and using hose clamp pliers, remove the clip and hose from the take-off. The new hose (orange arrow) can now be fitted in its place with a jubilee clip.



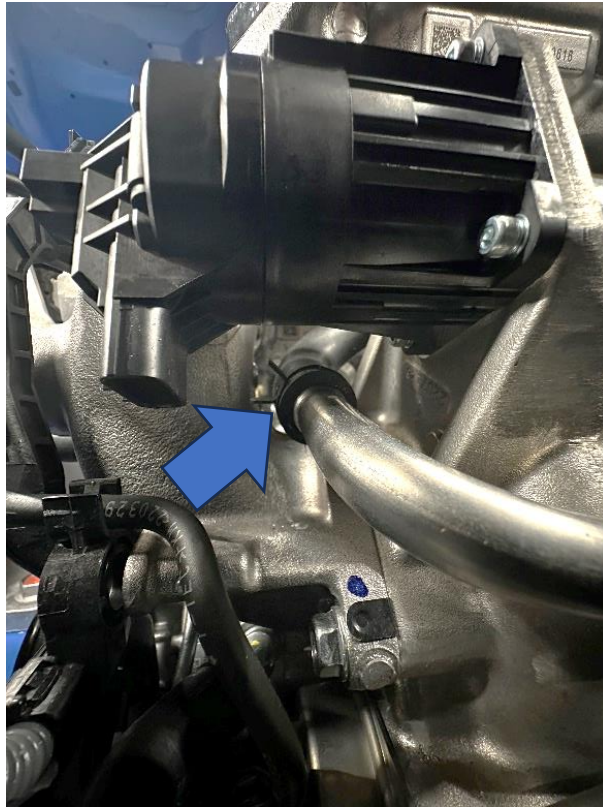
9. Remove the bolt holding the fan surround to the radiator and install the supplied P-Clip and M6x20mm bolt with a washer in its place to secure the hose, as shown.



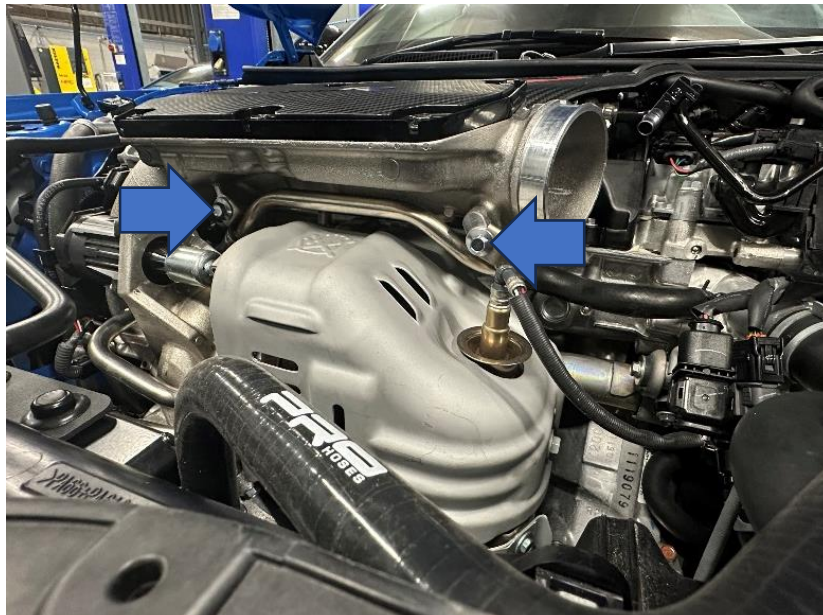
10. To fit the second silicone hose, you will need to remove the two 10mm bolts holding the wiring harness and vacuum hoses to the inlet pipe. Then move it back and disconnect the plug to the turbo actuator.



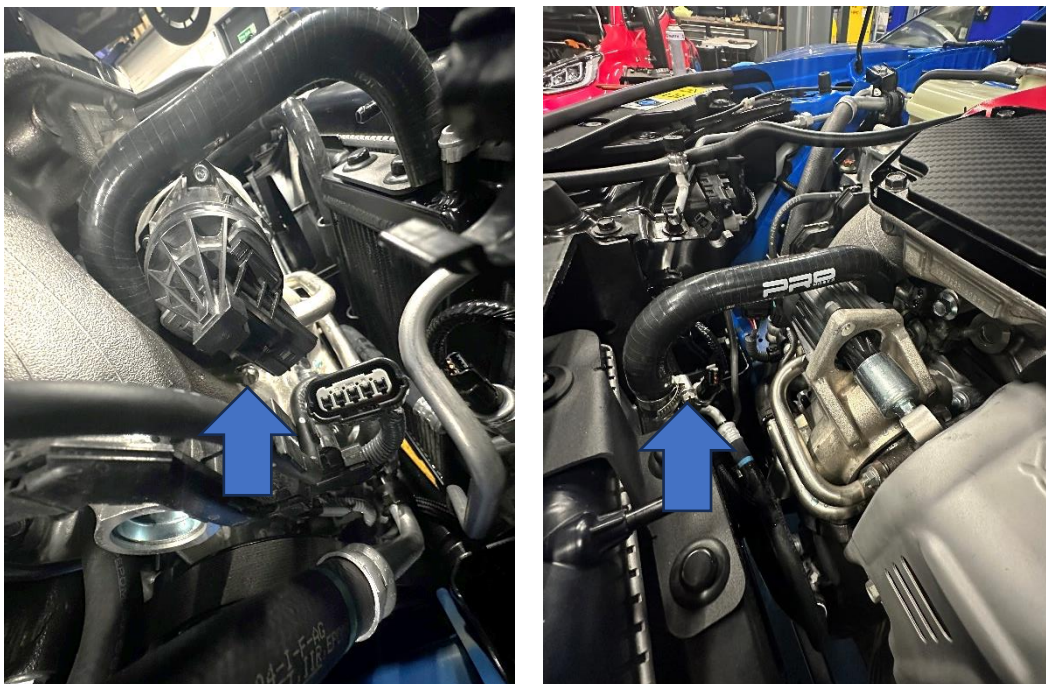
11. This will allow you enough access to the coolant hose underneath the actuator, as shown. Using a pair of hose clamp pliers, remove the clamp and disconnect the hose. There may be some coolant spillage.



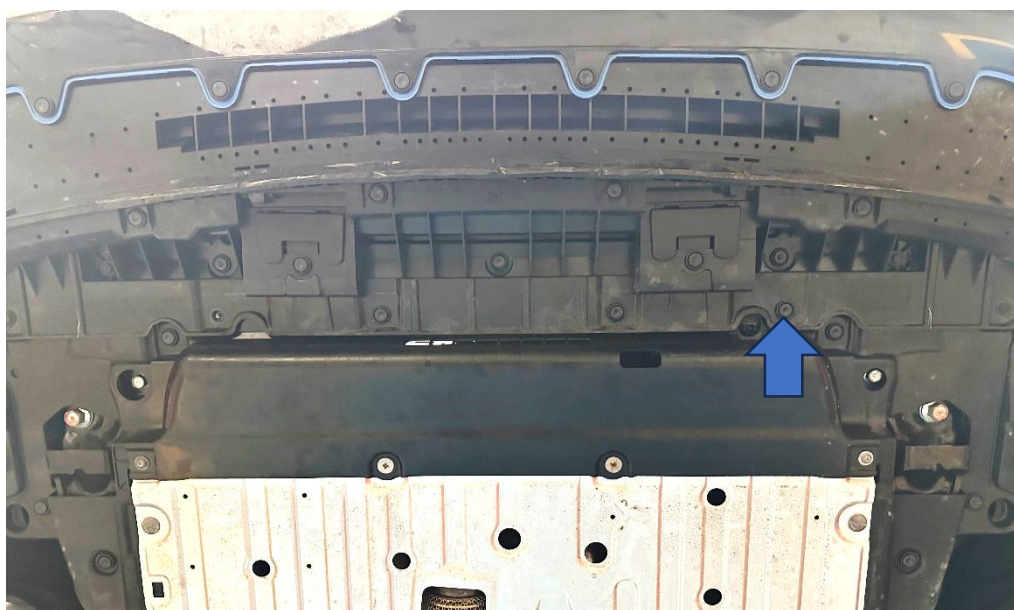
12. To remove the section of hose from the vehicle, you will need to remove the two 10mm bolts holding the pipe work to the inlet manifold. This can then be removed from the car, which will take the hoses at both ends with it.



13. Install the second silicone hose onto the car as shown using the supplied jubilee clips. Once happy with the positioning of both hoses, proceed to fully tighten the jubilee clips.

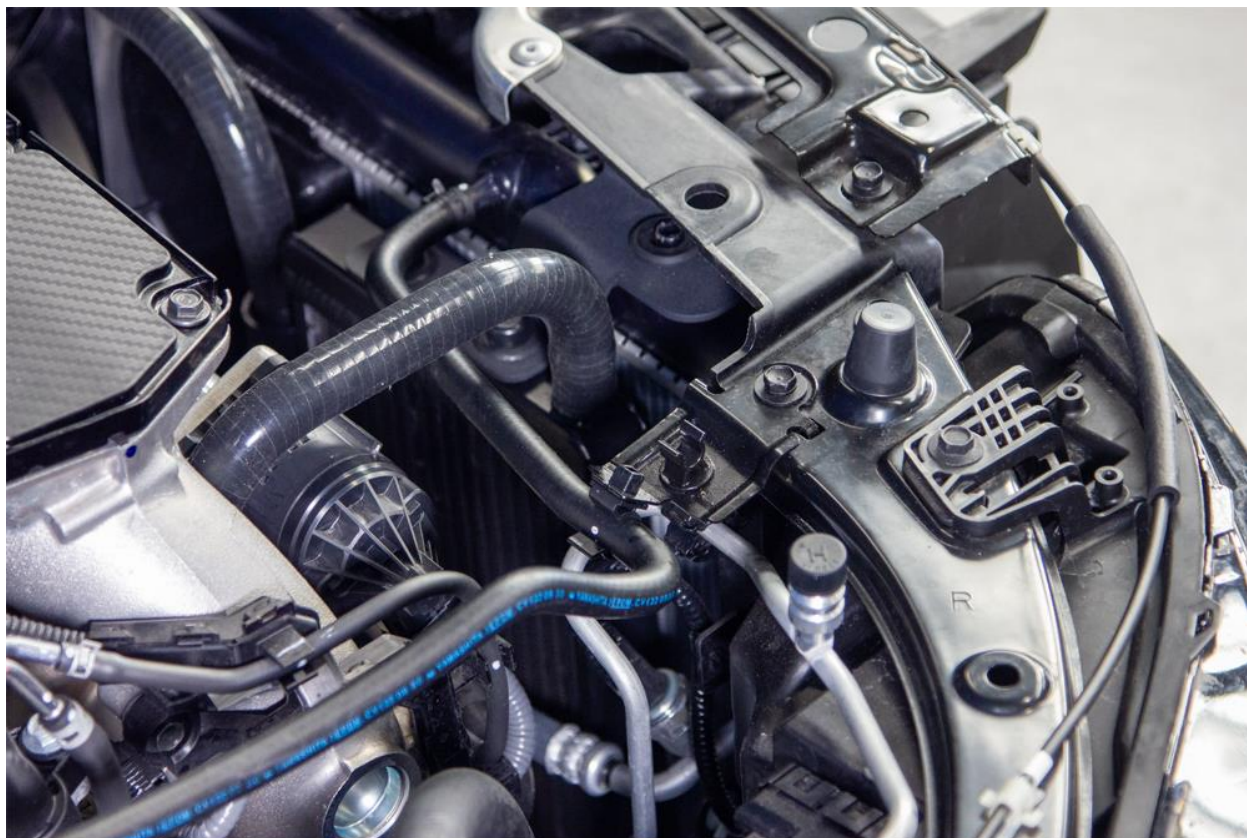


14. When reinstalling the lower front plastic undertray, use the supplied M6 bolt and washer instead of the original push fit at the point shown, as this will secure the turbo radiator from below.





15. Finally, fully tighten all jubilee clips, refit the intake hose, wiring harness and actuator plug and check all connections are tight. You can then top up the coolant and bleed the system following the manufacturer's recommendation, topping up as necessary.



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