

# AIRTEC Fitting Instructions

M O T O R S P O R T

<b>Vehicle:</b>	Honda Civic Type R FK8
<b>Product:</b>	Turbo Radiator
<b>Part number:</b>	ATMSHON03



## Kit Contents:

1x AIRTEC Motorsport Turbo radiator	4x 25mm Jubilee Clips
2x Radiator Bottom Brackets	4x M6x16mm Hex Bolts
2x Radiator Top Brackets	6x M6 Washers
1x Pro Hose – Hose 1	2x M6 x 10mm Button Head Bolts
1x Pro Hose – Hose 2	2x Rubber Push fits

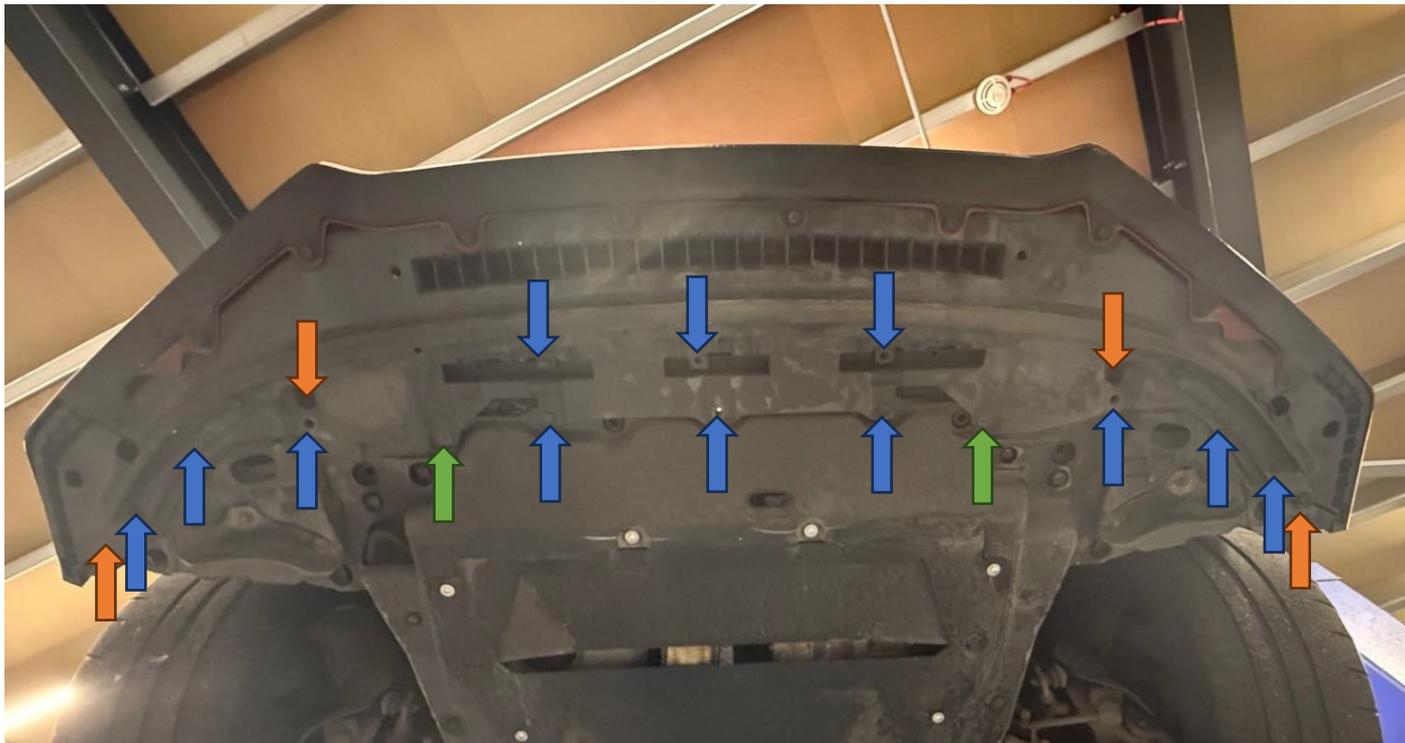
## Tools Required:

<ul style="list-style-type: none"> <li>• Ratchet and Socket Set</li> <li>• Spanner set</li> <li>• Trim Tool</li> </ul>	<ul style="list-style-type: none"> <li>• Phillips Screwdriver</li> <li>• Pick Tool</li> <li>• Side cutters</li> </ul>
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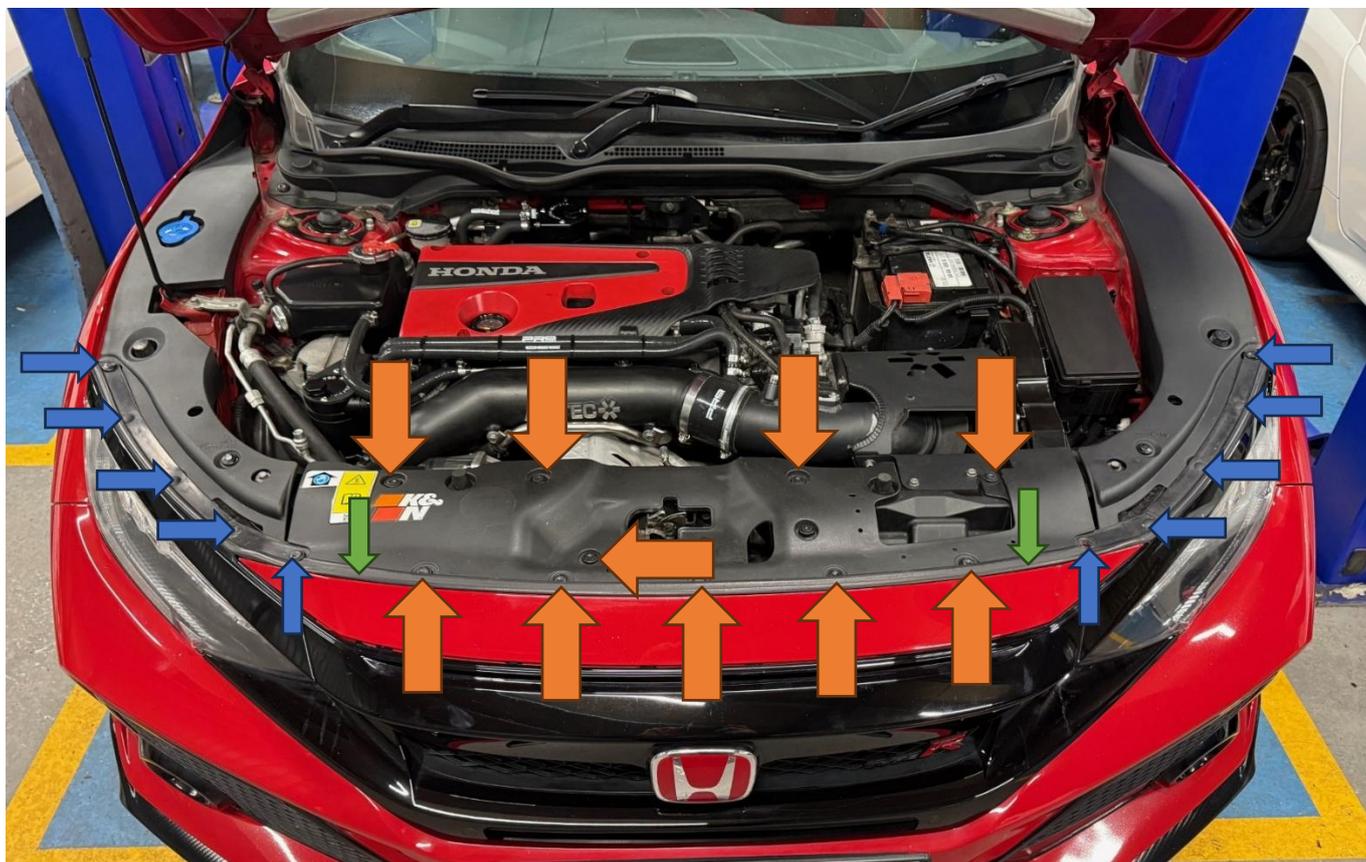
**PLEASE THOROUGHLY READ THESE INSTRUCTIONS AND MAKE SURE YOU ARE FAMILIAR WITH THE STEPS BEFORE CARRYING THEM OUT**

# Instructions:

1. First, working under the car and remove the 12 push fits (blue arrows), four 10mm bolts (orange arrows) and the two 5mm Allen Key bolts (green arrows).



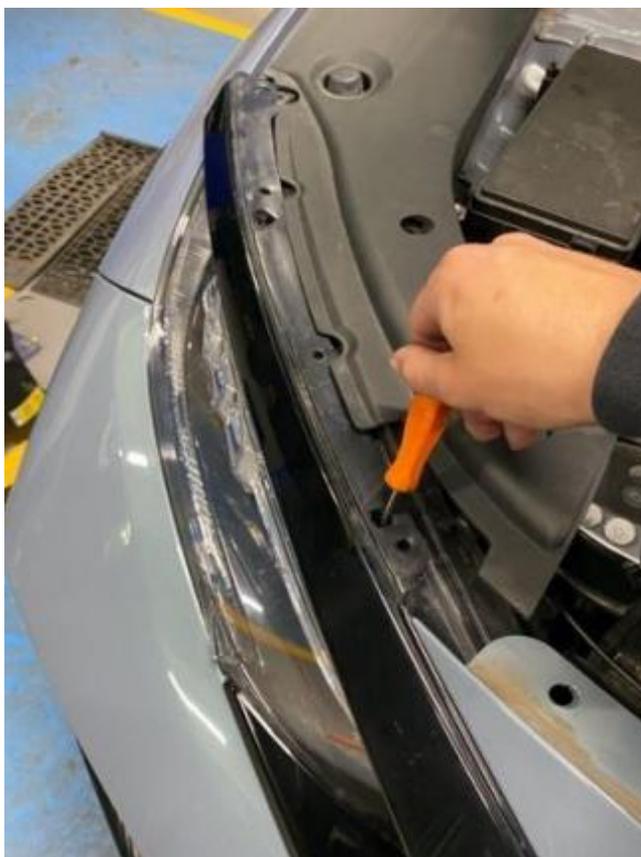
2. Next, release the slam panel by unclipping the 10 push fit clips (orange arrows). Once the panel is removed, move to each side of the car and release the five push fit clips (blue arrows). You can then remove the front air seal (green arrow).



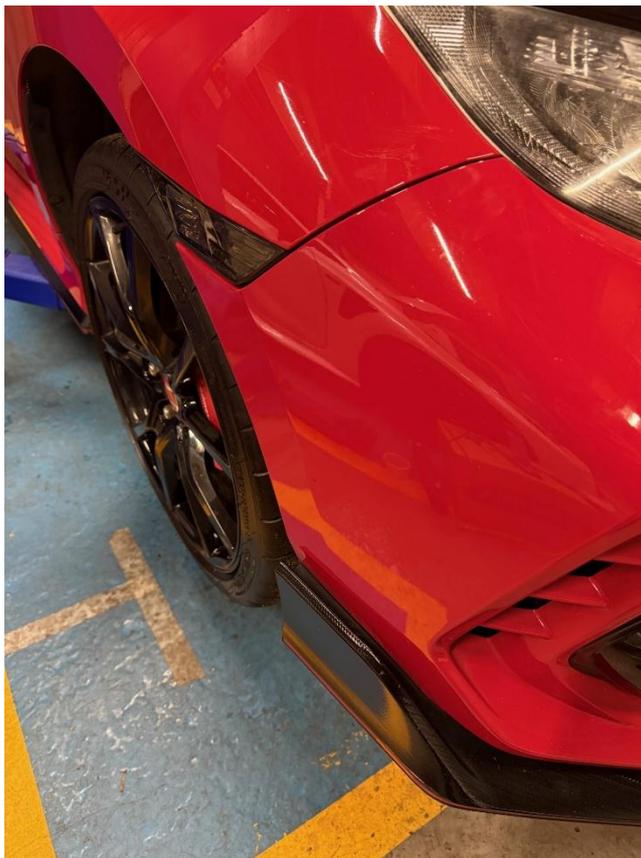
3. Now remove the two Philips screws in each inner wheel arch that secure to the bumper. You can then then carefully but firmly pull the bumper away from the wing to release the bumper.



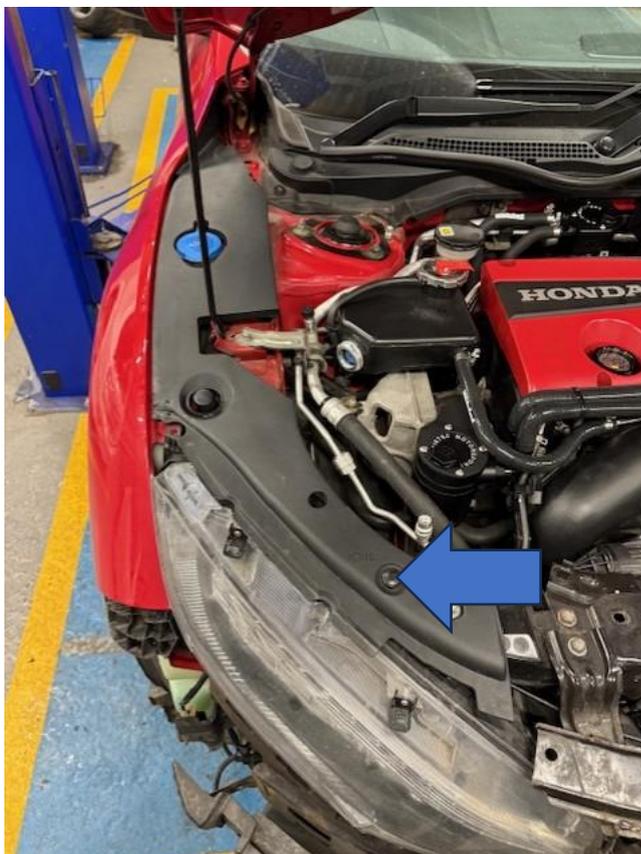
4. Next, under the bonnet release the two clips above each head light by inserting a pick tool inside the square gaps and pressing down. Push the clips towards you to release.



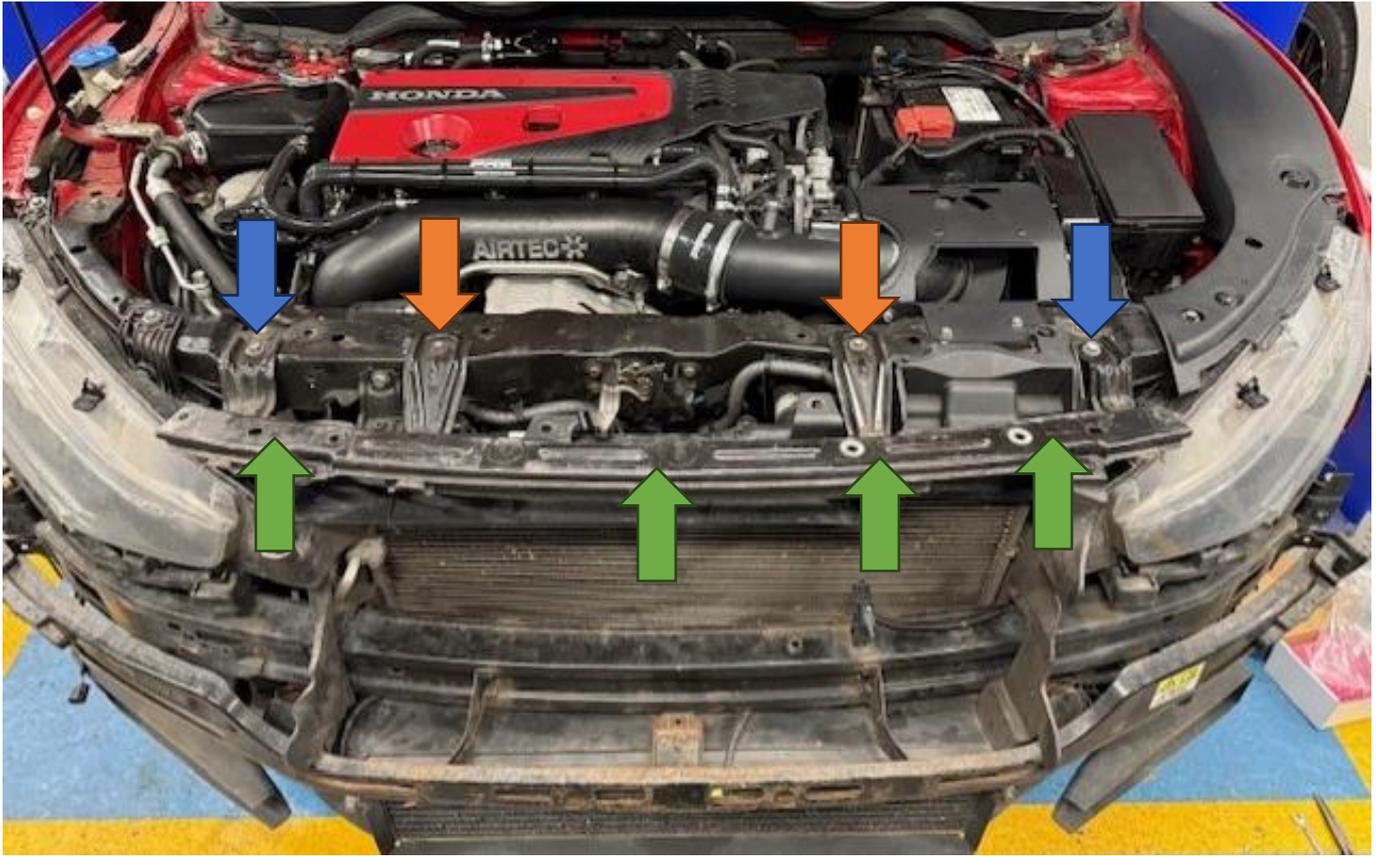
5. The front bumper can now be removed. To release it, carefully but firmly pull away from the car on each side. Once free, unclip the wiring harness connections behind both fog lights before fully removing it.



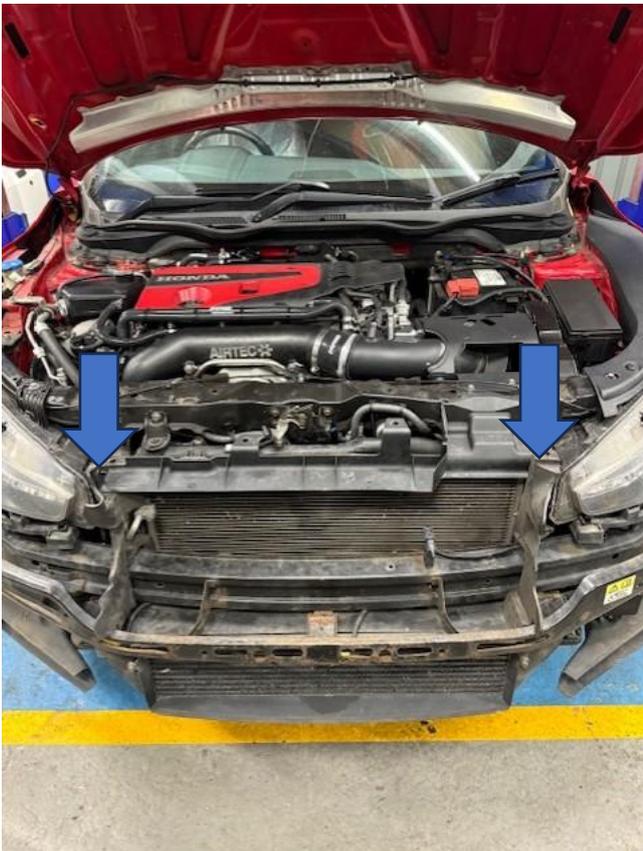
6. Remove the plastic push clip (blue arrow) from the plastic trim on top of the front left-hand side wing. You can then carefully but firmly pull the rear section of trim up to release it from the clips hidden underneath.



7. Remove the two 12mm bolts (blue arrows) and two 10mm bolts (orange arrows) and then unclip the bonnet release cable clips (green arrows).



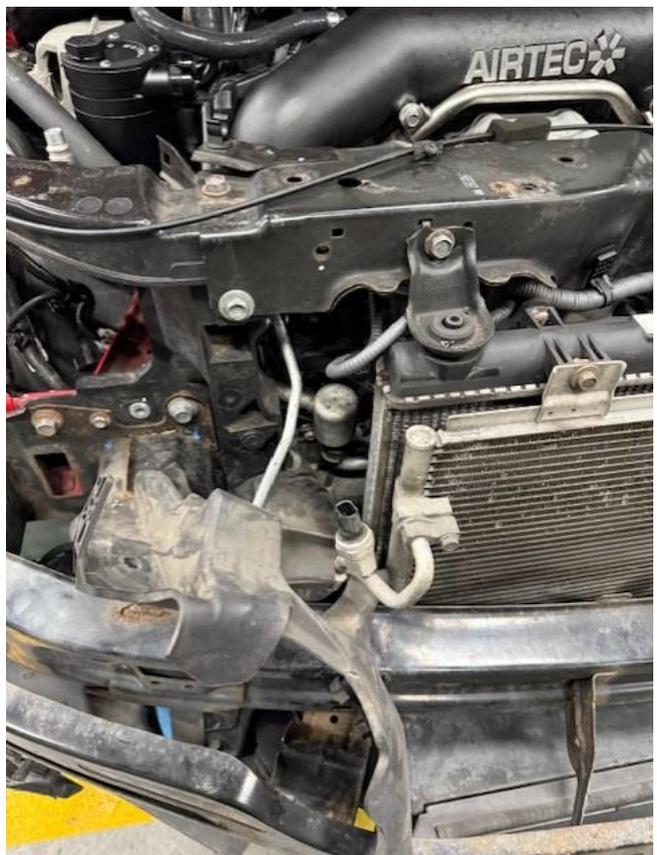
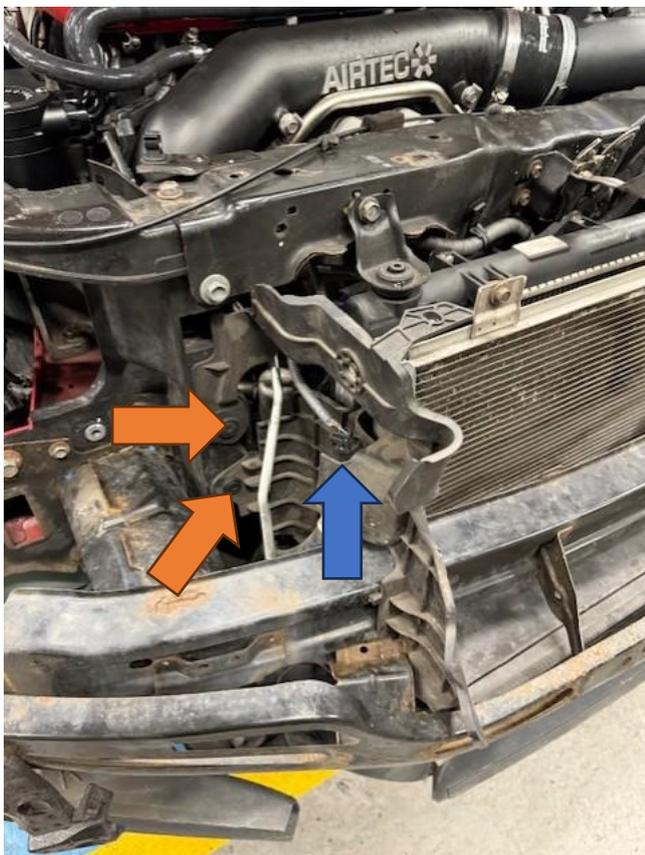
8. Next, remove the plastic push fittings on either side of the radiator top air guide. Once released pull it away from the car.



9. Remove the left-hand side headlight by undoing the five fixings, as shown. Once it is loose, unclip the three connectors on the wiring loom at the back.



10. Remove the radiator side scoop by unclipping the wiring harness and connector from the air-conditioning pipe (blue arrow). Then release the two plastic push fit connectors (orange arrows).



11. On the scoop you've just removed, measure 40mm across (blue arrow) and 30mm down (orange arrow), as shown. Then take a sharp knife and remove the centre section, as show,



12. Under the car, locate the coolant drain point on the back of the radiator and using a suitable container to collect fluid, undo the drain plug by hand. Once empty, re-tighten the drain plug.



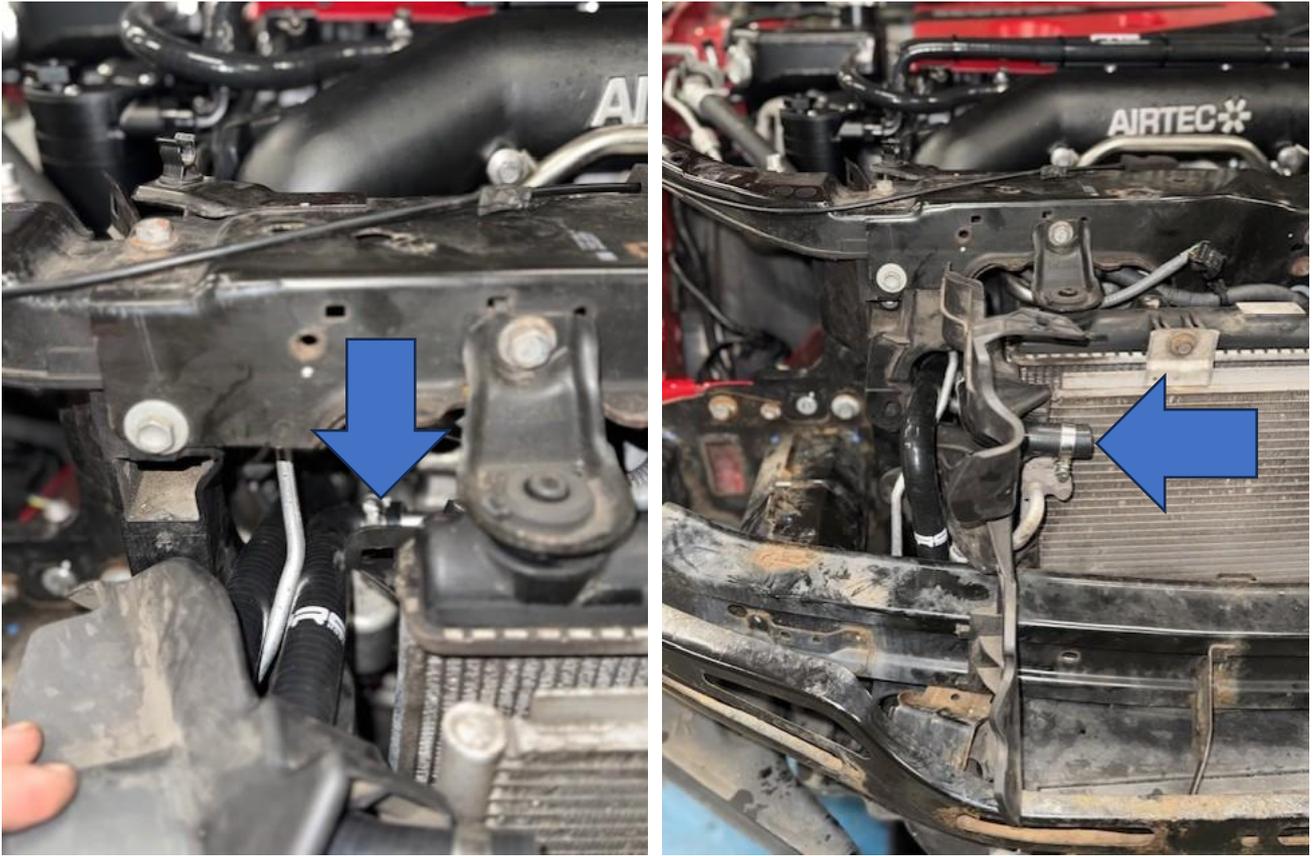
13. Accessing the coolant hose that links the rear engine take-off to the turbocharger through the side of the radiator, release the spring clip and disconnect it. Then follow the hose, release the rear spring clip that connects to the engine and remove it from the car.



14. Using the longer silicone hose supplied in the kit, place the 45-degree end over the rear engine take-off (blue arrow) removed in the last step and secure with a jubilee clip provided. Make sure the hose runs down and behind the crash bar, as shown.



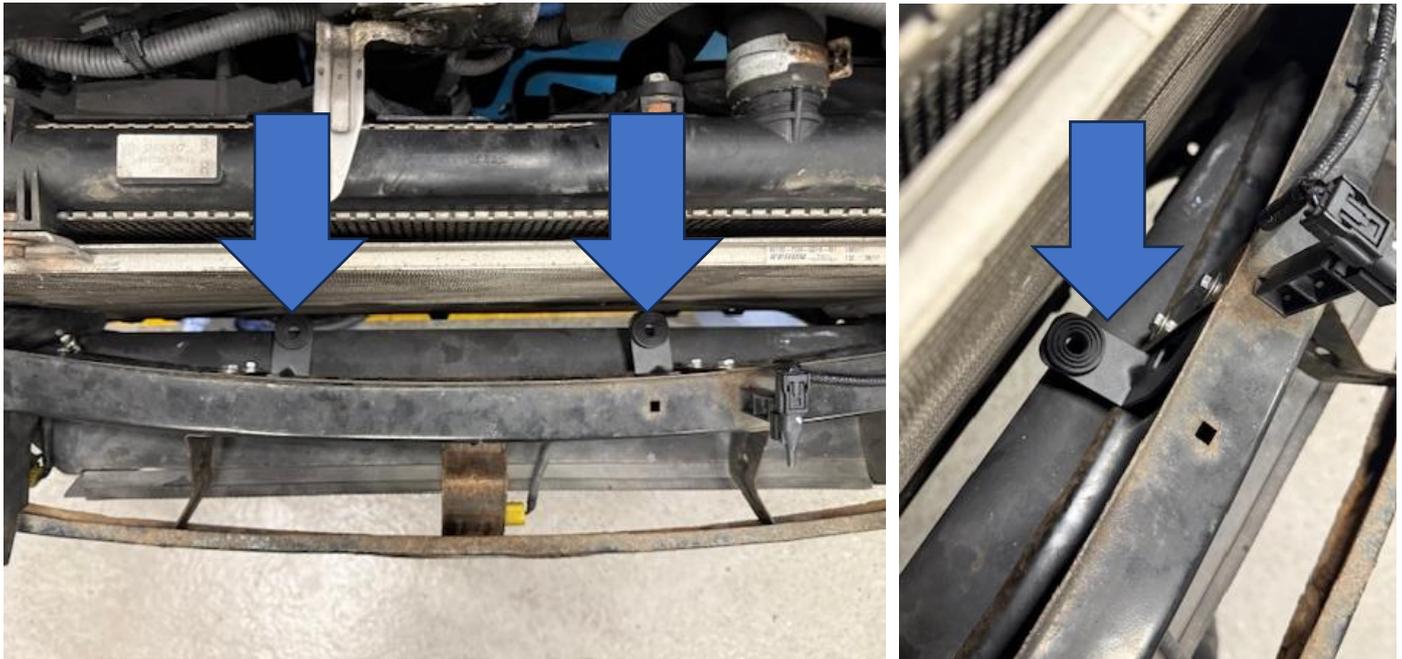
15. Fit the remaining silicone hose to the turbocharger take-off and secure with a jubilee clip. Make sure the other end (longer side) feeds through the aperture made in Step 11, as shown.



16. Now push the two provided rubber fittings and inside through the AIRTEC Motorsport brackets, as shown.



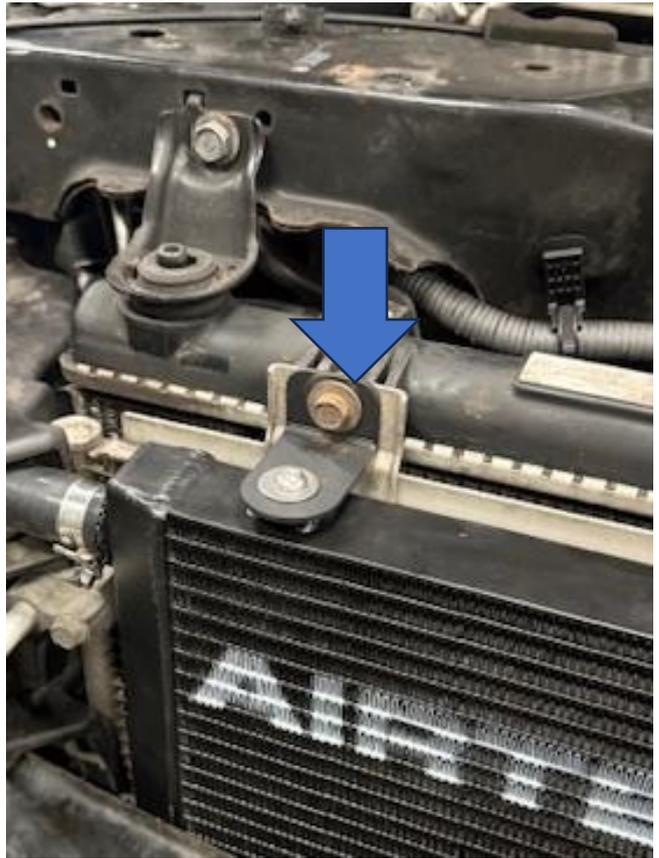
17. Locate the pre-drilled holes in the crash bar and secure both brackets with the bolts and washers provided.



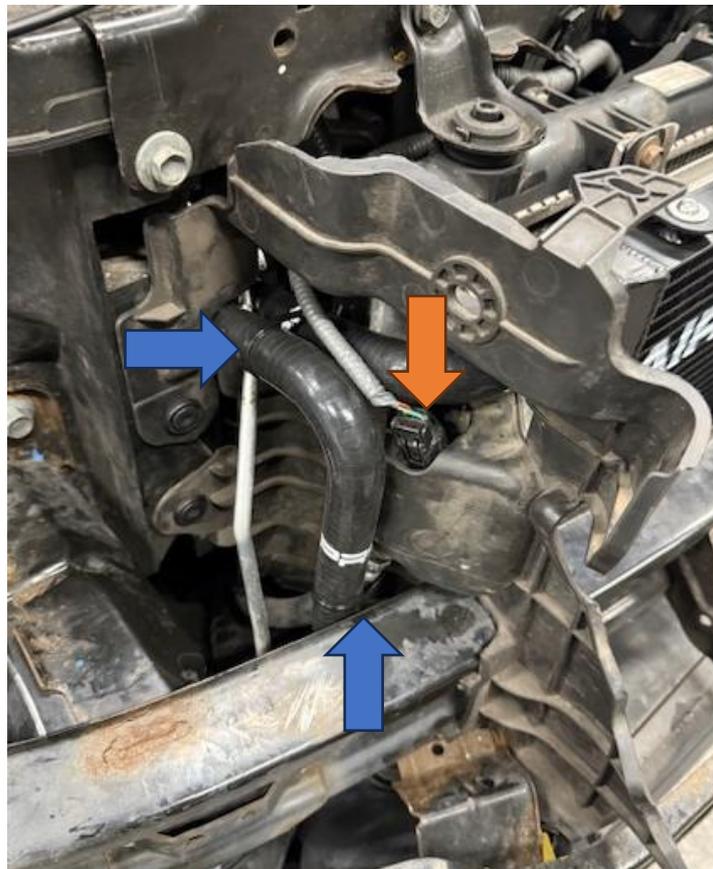
18. Now fit the radiator in place by locating the bottom pins into the rubber fittings fitted in the previous step. You can then connect the two silicone hoses to the radiator and secure with the jubilee clips provided.



19. To secure the top of the radiator, remove the two 10mm bolts from the air-conditioning radiator (and install the two remaining mounting brackets supplied in the kit. Secure to the top of the turbo radiator to the brackets using the M6 bolts and washers provided.



20. Use the two cable ties provided to secure the hoses (blue arrows). Then reconnect the air-conditioning connector removed in Ste 10 (orange arrow).



21. Finally, 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. Check for any leaks and then refit the bumper in reverse of removal.

