

Honda Civic FK2 Type R Auxiliary Radiator Fitting Instructions

Tools Required:

- Ratchet and Socket Set
- Allen Key Set
- Side Cutters
- Jubilee Clip Driver
- Trim Removal Tool

Kit Contents:

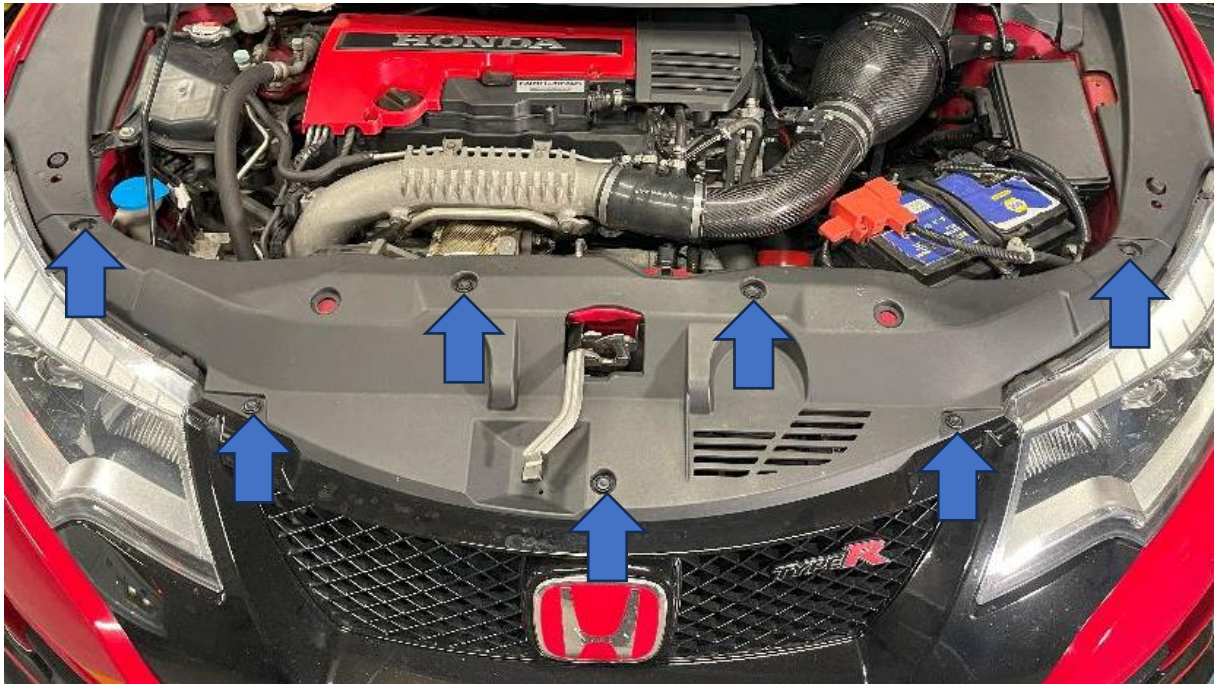
- 1x AIRTEC Motorsport Additional Radiator
- 1x 3D-Printed Air Scoop
- 1x Top Mounting Bracket
- 1x Side Mounting Bracket
- 1x Front Mesh
- 1x Rear Mesh
- 1x Parking Sensor Bracket
- 1x CNC Hose Joiner
- 1x Pro Hoses Hose 1
- 1x Pro Hoses Hose 2
- 1x Pro Hoses Heat Sleeve
- 4x M6x12 Socket Head Bolts
- 7x M6 Washers (15mm)
- 2x M6x16 Socket Head Bolts
- 3x CTL6365253M Self Tapper Screws
- 19x M5 Pan Washers
- 2x M6x16 Button Head Bolts
- 2x M6 Pan Washers
- 8x M5x12 Button Head Bolts
- 8x M5 Nyloc Nuts
- 1x STA A2 PP12x0.7 Self Tapper Screw
- 4x Large Cable Ties
- 4x 22mm Jubilee Clips
- 2x 25mm P-Clips



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

Instructions:

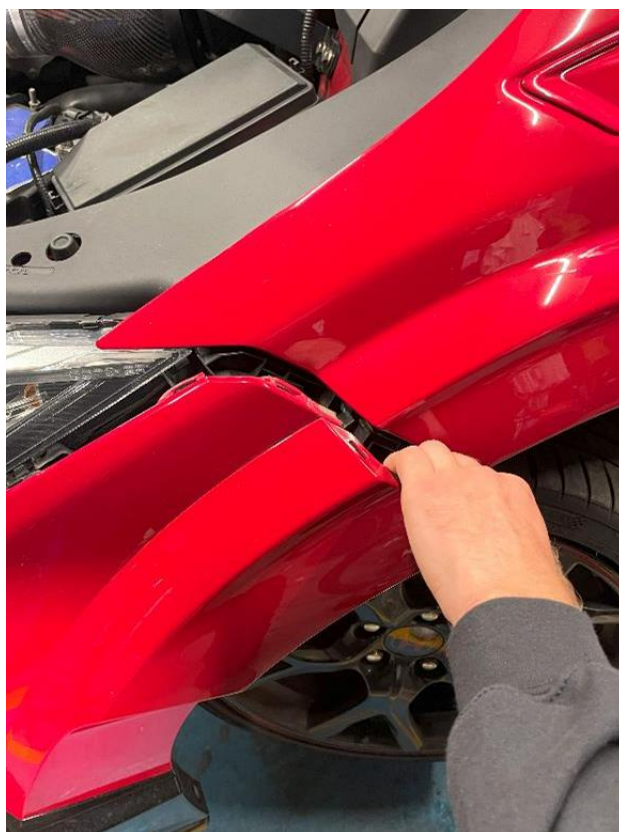
1. Start under the bonnet. First, remove the slam panel under the bonnet using a trim removal tool to release the plastic push fittings. The slam panel will then need to move forward and over the Bonnet release catch.



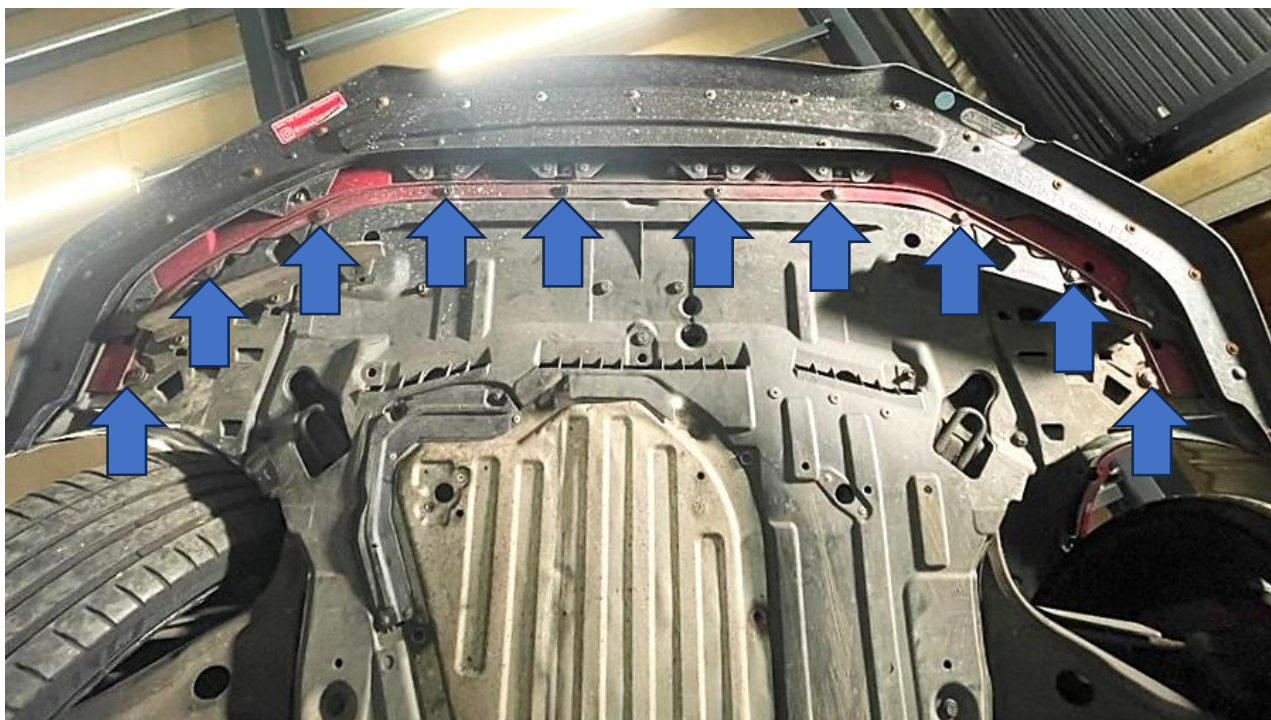
2. Inside each wheel arch liner, remove the two screws in the bumper (blue arrows) and then locate and remove the push fitting (orange arrow). This will free the bumper from the wheel arch.



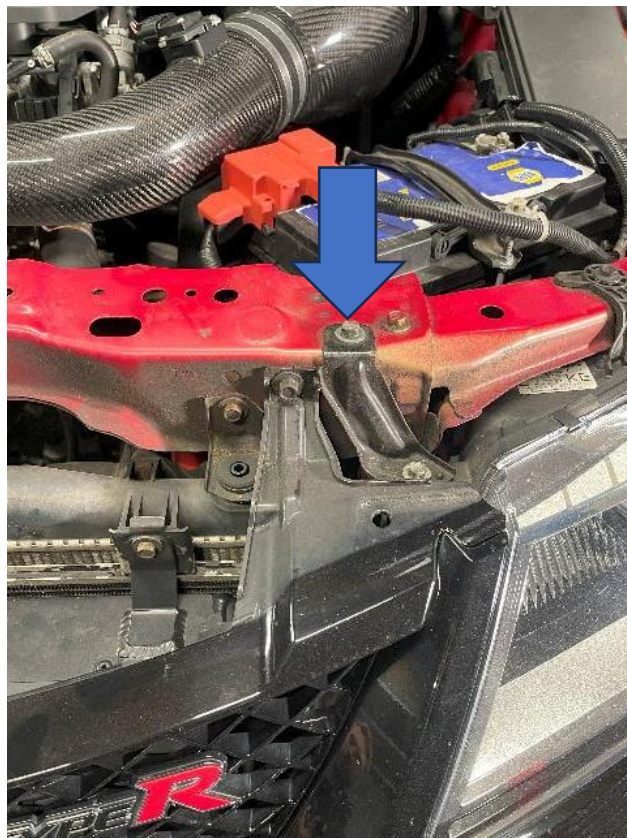
3. Reach in between the bumper and the wheel arch and pull the bumper away from the mounting clips. The Type R has a wide arch; be cautious, as this can separate from the bumper when force is applied.



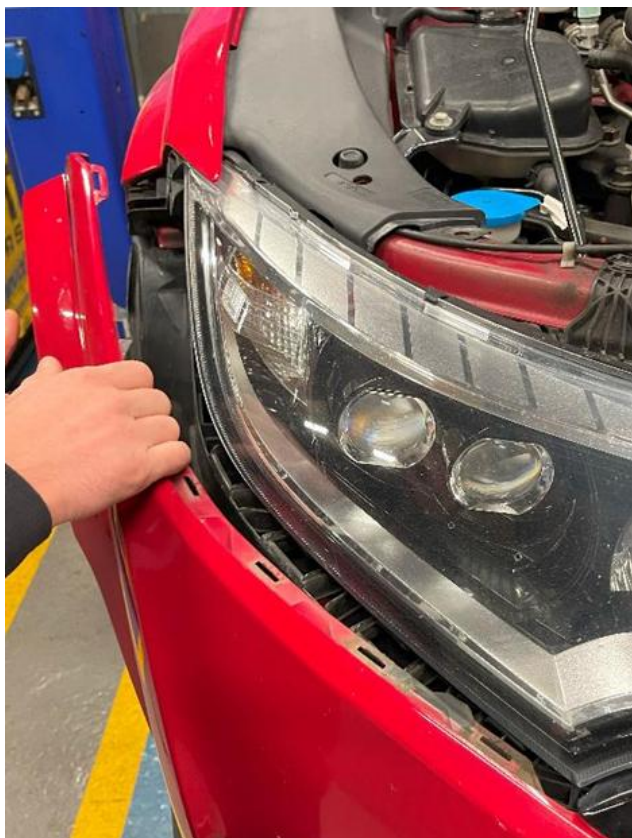
4. Working under the car, remove the 10 push-fittings that follow the bumper line using a trim removal tool.



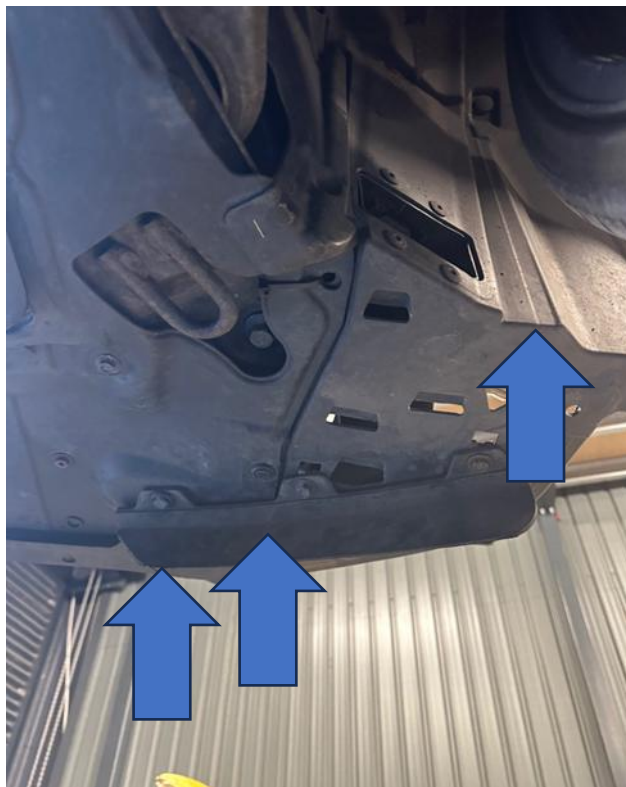
5. Remove the two 10mm bolts holding the bumper brackets in place at the top of the bumper.



6. With the help of another person, carefully but firmly pull the bumper away from the car. Once the bumper is free, do not fully remove it, as there are still wiring connectors that need to be disconnected. Reach inside the bumper and undo the parking sensor clips and fog light wiring connectors. The bumper will now come away from the car and can be safely put aside to work on.

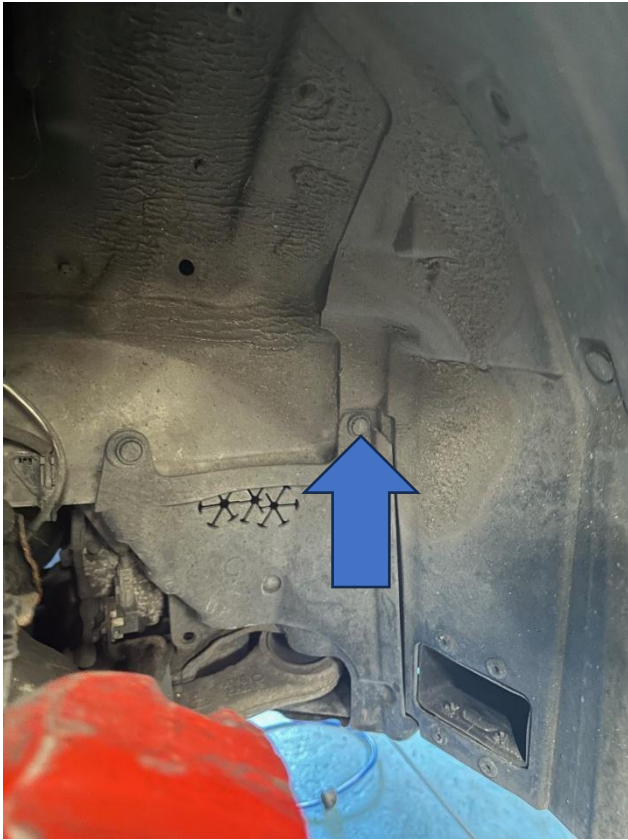


7. Remove the driver-side wheel using a 22mm socket. Then remove the three clips under the wheel arch that connect to the undertray.

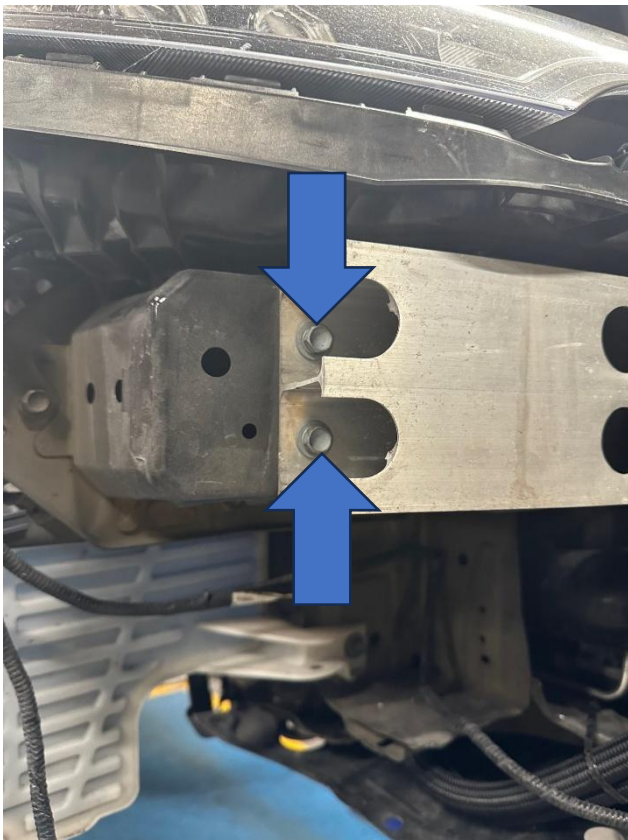


8. Locate the wheel arch fixings there are three screws at the bottom of the arch. Remove the clips holding the arch to the wing, these can break easily. Work around the shape of the arch and remove the last push fits. Once loose, untuck from the wing and remove the arch.





9. Remove the two 12mm Socket Head bolts on the left-hand side of the crash bar and then fit the supplied upper mounting bracket mount, as shown. Then refit the bolts.



10. Below the crash bar on the inner wing, locate the two M6 threads and mount the side bracket using the supplied M6x12 bolts and 15mm washers, as shown. You can then mount the AIRTEC Motorsport radiator to the bracket using the M6x16 Button Head bolts and M6x12 Socket Head bolts provided. Tighten all the bolts, and make sure the radiator is level.



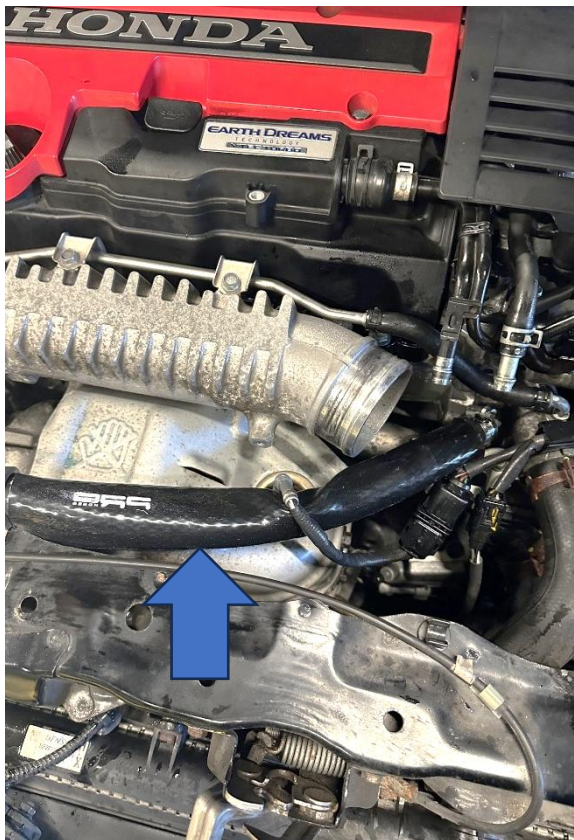
11. Working in the engine bay, remove the induction pipe and then remove the two 10mm bolts connecting the coolant pipe to the hard induction pipe.



12. Locate the rubber hoses on either end of the coolant pipe and undo the hose clips to remove the hard pipe. This will leave a metal connector on the right-hand side and a rubber hose connection on the left-hand side.



13. Attach the longer of the supplied silicone hoses to the right-hand connector from the last step and secure with a jubilee clip provided. Then slide the supplied heat sleeve shielding over it, as shown.



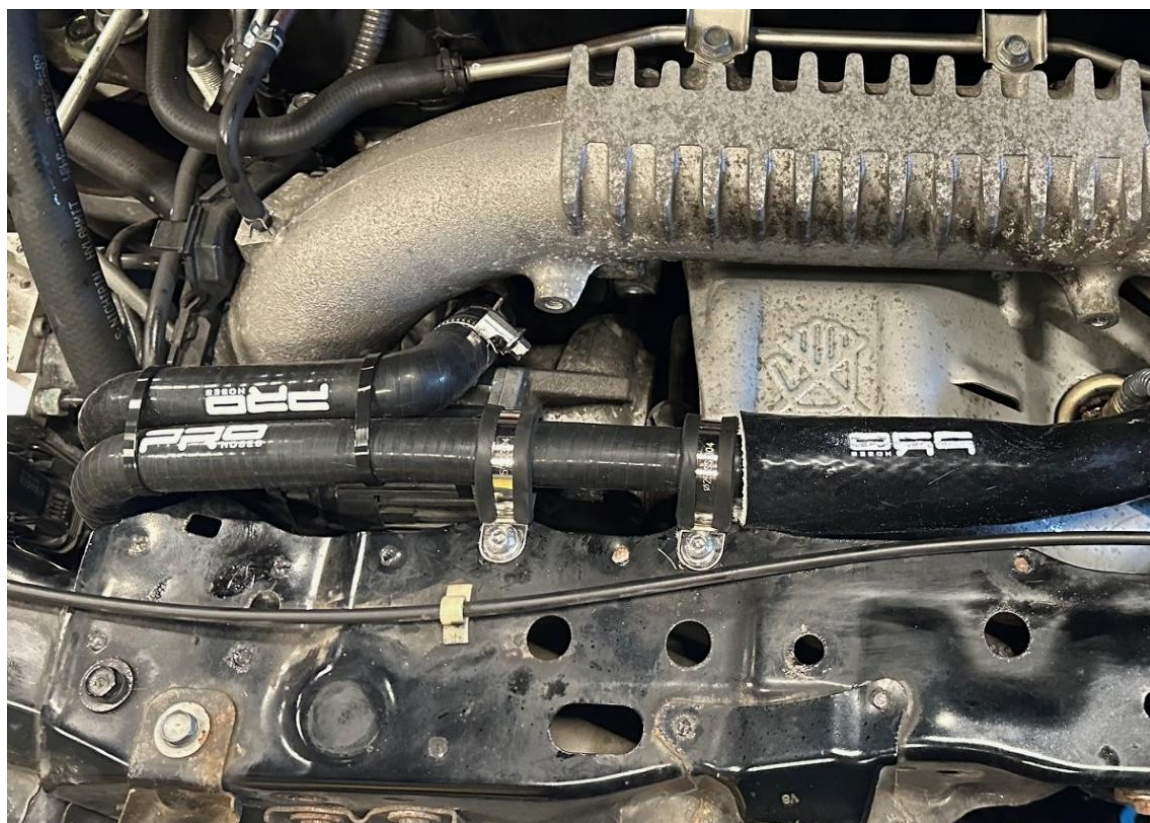
14. Run the hose along the slam panel and feed it down to the AIRTEC Motorsport radiator, as shown.



15. Fit the supplied CNC hose joiner into the rubber hose connector on the left-hand side from Step 12 and secure reusing the original clip. Then attach the second silicone hose to it with the supplied jubilee clip and feed it down in the same location as the first hose.



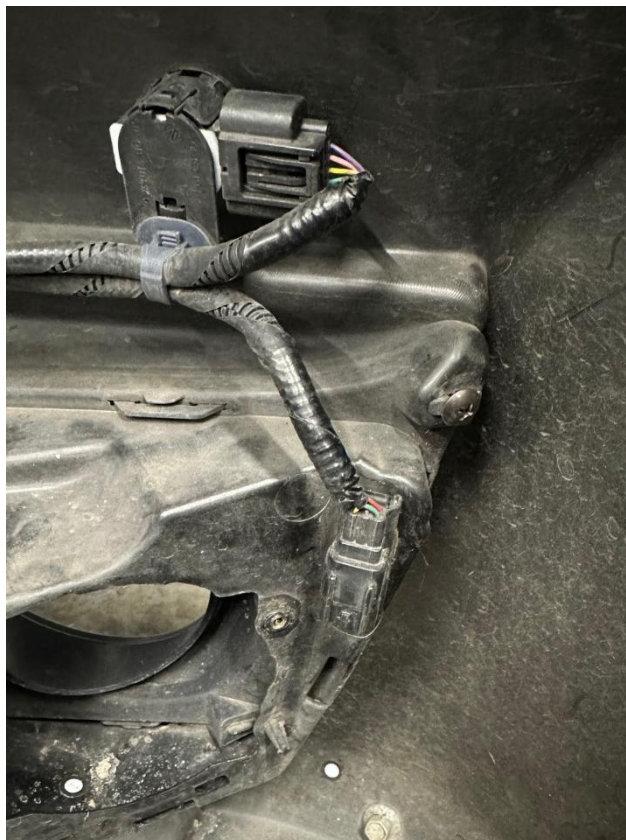
16. Use the supplied P-Clips with M6x16mm Button Head bolts and small Pan Washers to secure the first hose to the slam panel, as shown. Use the cable ties provided to secure the hoses together.

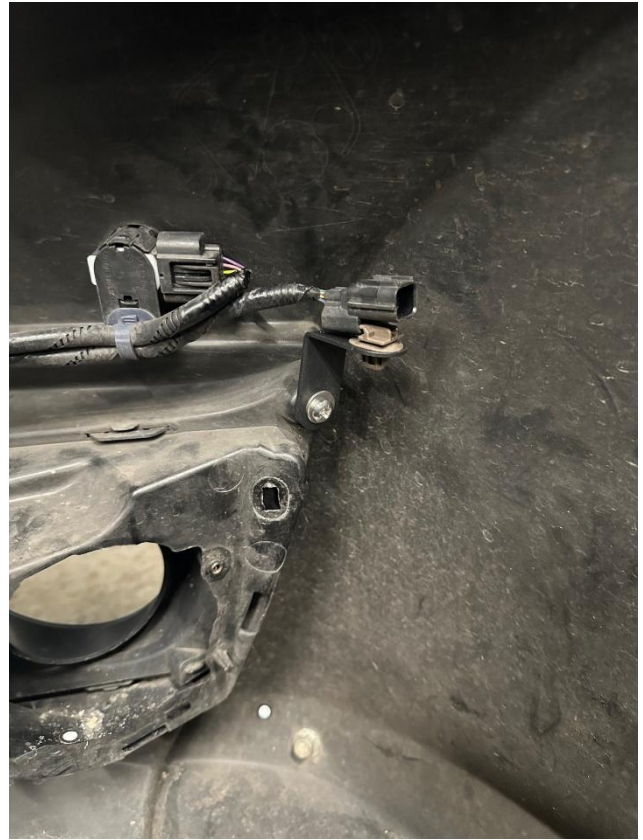


17. Secure both hoses to the AIRTEC Motorsport radiator with the supplied jubilee clips. Use the cable ties provided to secure the original fog light cable and connector.



18. Remove the fog light and undo the plastic connector. Fit the supplied mounting bracket using the self-tapper provided and clip the connector onto the bracket.





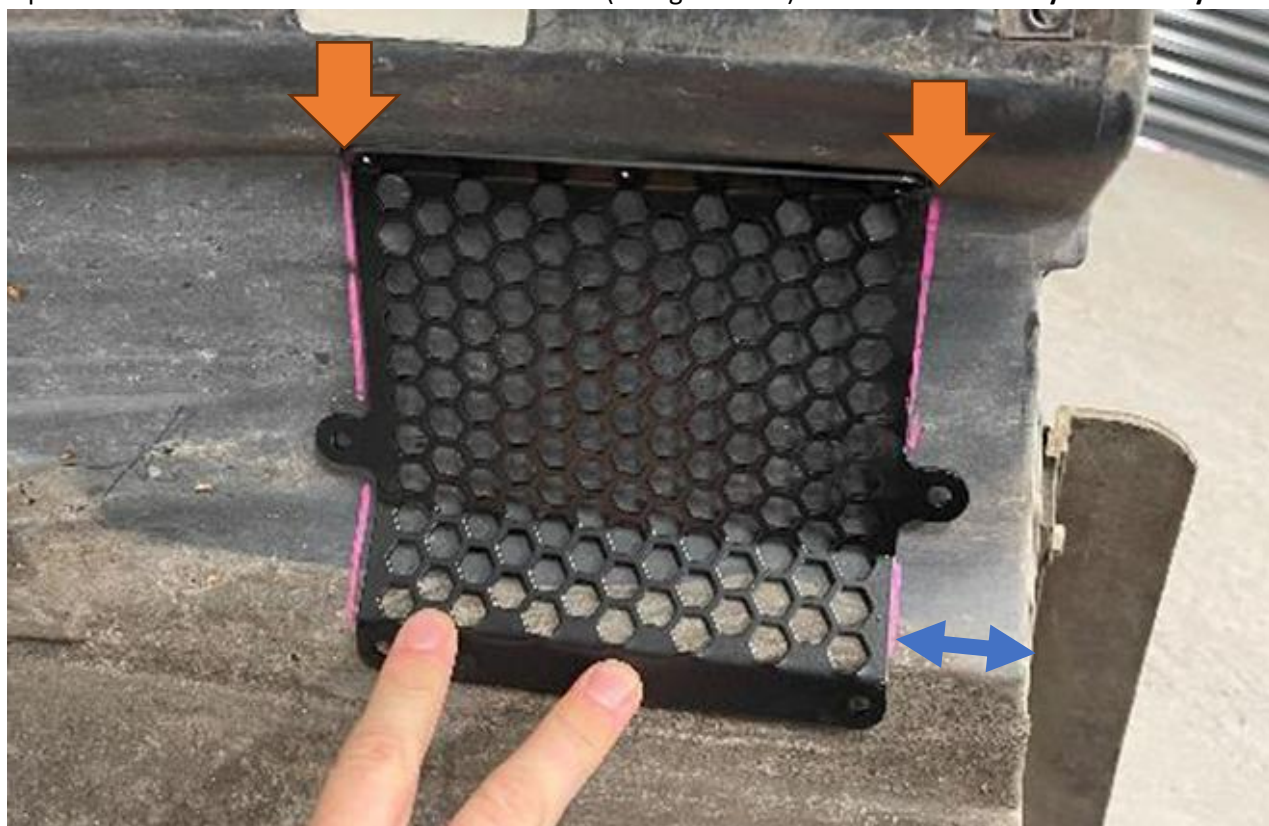
19. Sandwich the supplied mesh grille to the fog light opening before mounting the 3D-printed scoop using the long self-tapper bolts with M5 washers provided.



20. Working on the wheel arch liner, you now need to cut a hole for the supplied stone guard mesh.

Please read the following steps carefully in order to insure you only make cuts where necessary.

Place the mesh 45mm from the bottom edge, as shown below with the blue arrow. Then mark with a pen the outline of the two sides **ONLY** as shown (orange arrows). **Do not mark out any other line yet.**



21. Now remove the mesh and mark out the cut lines, which will be 5mm further **inwards** than the two out lines previously made, as shown.



22. Using a 5mm drill bit, use the bracket to mark out the eight mounting holes in the arch liner, as shown. Then secure the mesh in place using the supplied M5x16mm Button Head bolts with Nyloc Nuts and washers.



23. Check coolant level and the bleed system. You can then refit all parts removed. When fitting the bumper back, make sure to feed the new additional radiator scoop around the original brake duct.

