

Toyota Yaris GR Turbo Cooler

Fitting Instructions

Tools needed:

- Ratchet and Socket set
- Trim removal tool
- Flat-bladed screwdriver/jubilee flexi-driver

Kit Includes:

• 1x AIRTEC Motorsport Radiator	• 1x Pro Hoses Silicone Hose Kit (2 hoses)
• 1x Hose Joiner	• 1x Hose Separator
• 1x Top Mounting Bracket	• 1x Bottom Mounting Bracket
• 1x Bracket Spacer	• 1x Front Mesh
• 1x Rear Mesh	• 1x Rear Mesh Fitting Bracket
• 1x Air Scoop	• 1x Rubber Trim (690mm)
• 4x Large Cable Ties	• 2x Small Cable Ties
• 2x P-Clips (21mm)	• 4x Jubilee (Clips 22mm)
• 4x M6x10mm Hex Head bolts	• 3x M6x12mm Hex Head bolts
• 2x M6x16mm Hex Head bolts	• 11x M6 Pan Washers
• 2x M6 Nyloc Nuts	• 4x M5x16mm Button Head bolts
• 8x M5 Pan Washers	• 4x M5 Nyloc Nuts
• 3x Self-tapping screws	

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

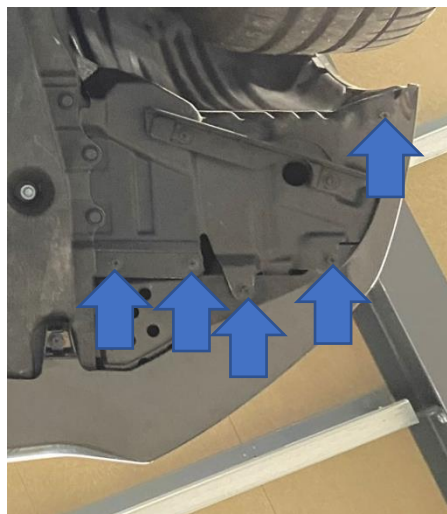


Instructions

1. From underneath the car, release the undertray by removing the four 10mm bolts (highlighted in blue) attaching it to the bumper, followed by the four 10mm bolts (highlighted in blue) further back. Then work round removing the 12 plastic clips (highlighted in orange) situated around the undertray using a trim removal tool.



2. Still working under the car remove the five 10mm bolts on either side holding the arch liner to the front bumper.



3. Working under the bonnet, remove the two 10mm bolts and two plastic clips (blue arrows) using a trim removal tool and disconnect the plug on the right-hand side (orange arrow).



4. Inside each arch liner, remove the plastic push fit trim clip and then carefully unclip the two trim clip tabs and pull them apart to release each side of the bumper.



5. Now you can undo the 10mm bolts holding the wing to the bumper and as you do, a plastic wedge will come out with it. This is what secures the two parts together. They are different colours so ensure you remember which came from which side.



6. Carefully but firmly pull the edges of the bumper to release. Then, with the help of a second person holding the bumper, disconnect the plugs each side for the fog lights. The bumper can now be stored safely.



7. You will now need to drain the coolant from the system. To do so, loosen the yellow plug at the bottom of the radiator and allow it to drain. Make sure to have something in place to catch the coolant.



8. Now remove the wheel from the car to gain access to the arch liner. You can then remove the arch liner by release the nine trim clips and four 10mm bolts.



9. With the arch liner removed, you can remove part of the sound deadening as shown.



10. You will need to cut the hole for the stone guard. To do so, measure 7cm from the bottom of the arch liner and make a mark for the bottom cut. Then measure 14cm up from that line to find the top mark. You can then measure out a square using four of existing ridges to mark the width, as shown below, and cut out the hole using a sharp knife. Then attach the mounting bracket as shown to ensure fitment.



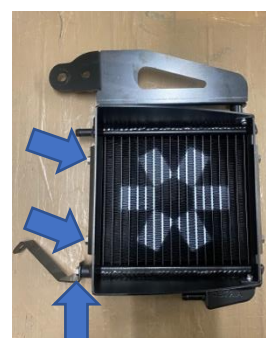
11. Using a 5mm drill bit, use the bracket to make four holes in the arch liner, as shown. Then place the guard on top of the bracket inside the arch liner and secure in place using the supplied M5x16mm Button Head bolts with Nyloc nuts and washers.



12. Remove the fog light from the side that will have the radiator in place by undoing the three screws on the rear of the light as well as the two screws above the light which hold the surround in place. Once removed, you can apply pressure to the black clips and pull the surround out. Then install the stone guard onto the front using three supplied self-tapping screws. The trim piece can then be refitted in reverse of removal.



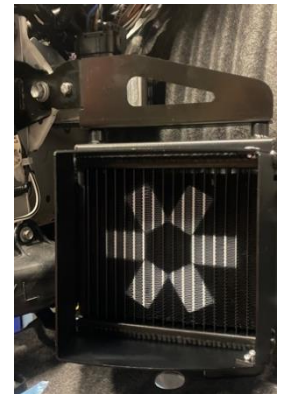
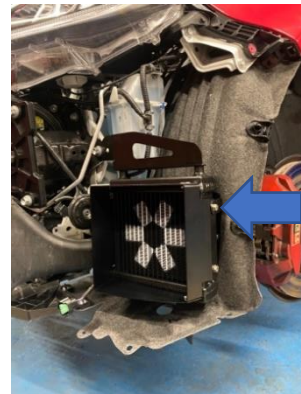
13. The brackets can now be installed onto the radiator as shown. Use the two supplied 12mm hex head bolts to secure the top bracket in place, then install the four 10mm hex head bolts into the sides of the radiator to secure the air guide. Finally, install the bracket onto the bottom of the radiator, but do not fully tighten as you may need some adjustment.



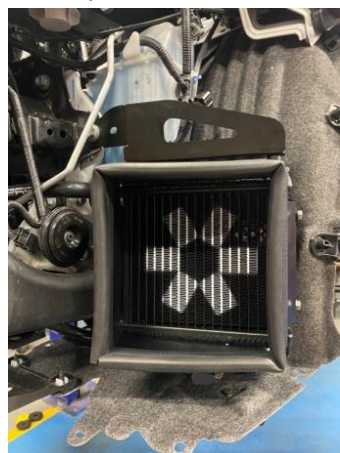
14. Remove the screw and spire clip on the bottom of the arch liner and replace it with the supplied bolt as shown. This is to allow extra clearance for the pipework.



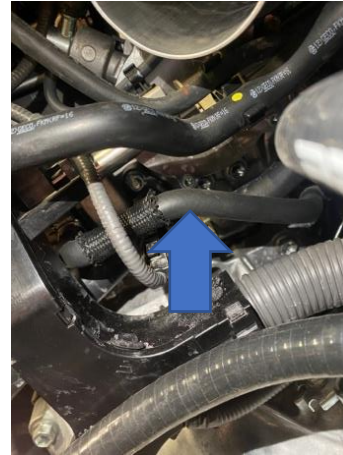
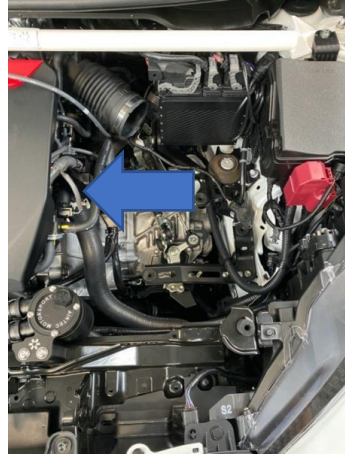
15. Remove the 15mm bolt from the end of the crash bar mount and the 10mm bolt below it, as shown. Once removed, you can install the radiator in place and reinstall the fixings. You will also need to remove and reinstall one of the bolts from the side of the radiator bracket using a 10mm socket as this bolt will also go through the stone guard bracket to secure it onto the radiator. An additional fixing through the bracket will also need to be installed using a 10mm socket and spanner.



16. Now install the supplied rubber trim around the face of the radiator air guide surround to prevent any rubbing against the bumper.



17. You will now need to remove your original air box or aftermarket intake so that you can access and remove the hose shown.



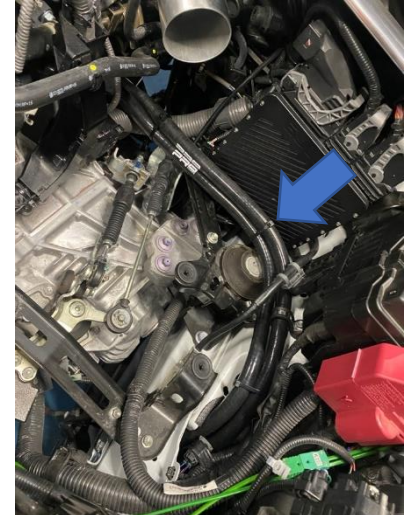
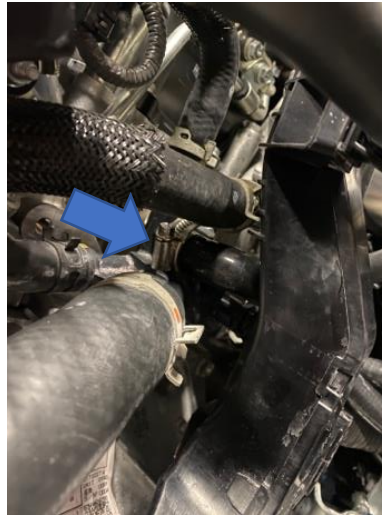
18. Now install the longer silicone hose onto the bottom of the new radiator using the supplied jubilee clip. The 90-degree bend fits nearest to the radiator. Use a P-clip to support it through the bracket, as shown. The hose can then be fed up into the engine bay and then another P-clip will need to be installed onto the existing fuse box stud, as shown.



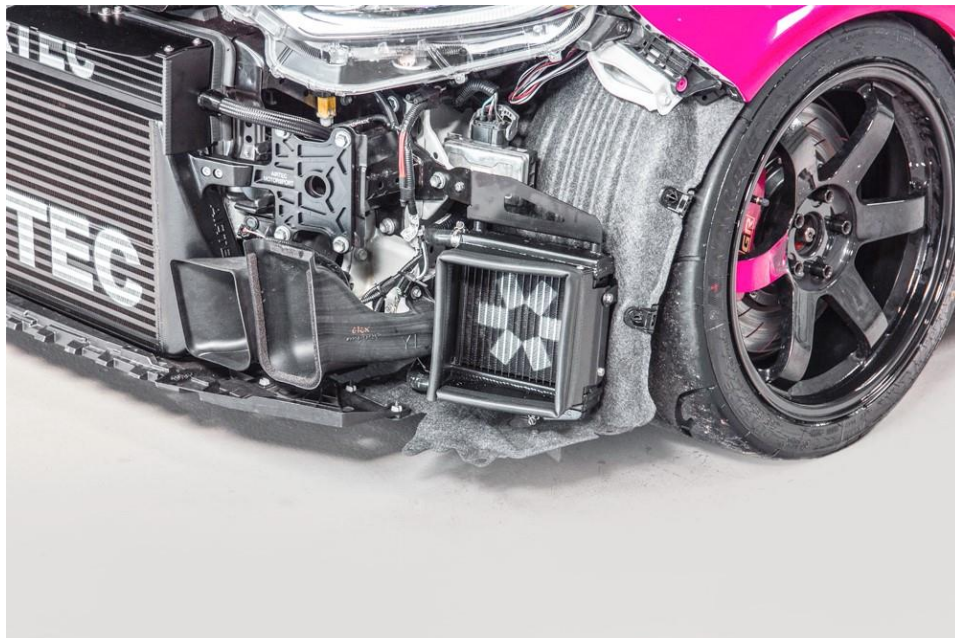
19. Install a hose joiner onto the connection at the back of the engine left from removing the hose in step 17. Use the original clip to secure the connector and then use the supplied jubilee clip to secure to the new silicone hose.



20. Install the other silicone hose onto the radiator's top fitting and secure using the supplied jubilee clip. Then feed it up into the engine bay to follow the path of the other hose and connect it to the remaining open end left by removing the hose in Step 17. Secure in place with the supplied jubilee clip and fully tighten. Then use the supplied cable ties to secure the hoses together and out of the way.



21. Finally, check that everything has been tightened and secured correctly. You can now also add the coolant back and bleed the system. Make sure to check the coolant level to add any additional coolant if necessary. Then refit the air box/intake, arch liners, front bumper and undertray in reverse of removal.



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