

Toyota Yaris GR Stage 3 Oil Cooler Fitting Instructions

Tools/parts needed:

- Ratchet and Socket set
- Trim removal tool
- Oil filter removal tool
- Oil filter (recommended)
- Adjustable aluminium spanner for hose fittings
- Oil of the correct grade to top up after installation (refer to the vehicle's hand book)

Kit Includes:

- AIRTEC Motorsport Oil Cooler
- 2x AN10 oil lines
- Air Scoop Centre Section
- Air Scoop Left and Right (for full height intercooler)
- Air Scoop Left and Right (with original crash bar)
- Oil Cooler Brackets (Left and Right)
- 4x M6x16mm Socket Head bolts
- 4x M6x14mm Socket Head bolts
- 4x M6x14mm Button Head bolts
- 1x M6x30mm Socket Head bolt
- 21x M6 Pan Washers
- 8x M6 Nyloc
- M6 spacer (20mm x 7mm)
- Large rubber trim 45mm/50mm/90mm/220mm/195mm/230mm
- 2x Small rubber trim 125mm
- Self-adhesive foam

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

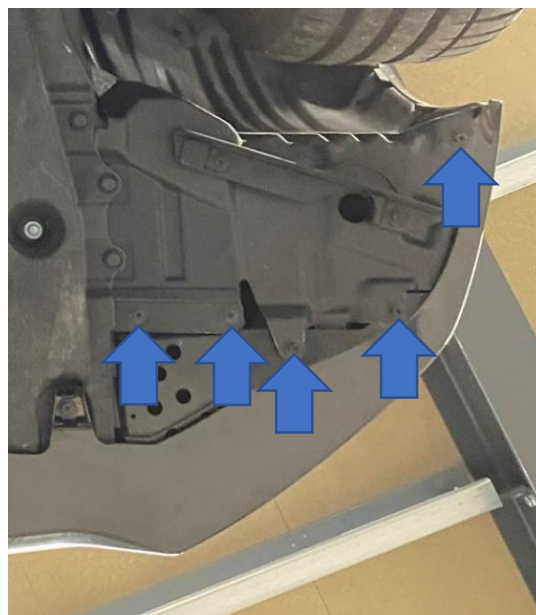


Instructions

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.



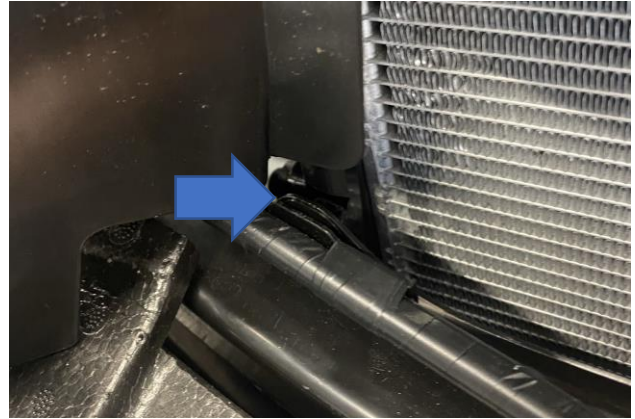
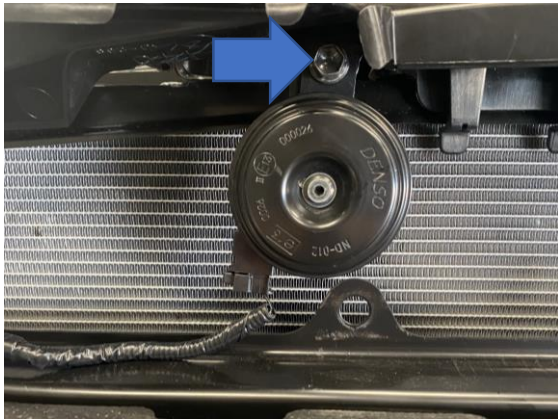
6. Carefully but firmly pull the edges of the bumper to release. Then, with the help of a second person holding the bumper, disconnect the plugs each side for the fog lights. The bumper can now be stored safely. Remove the foam support from the crash bar, this simply pulls off.



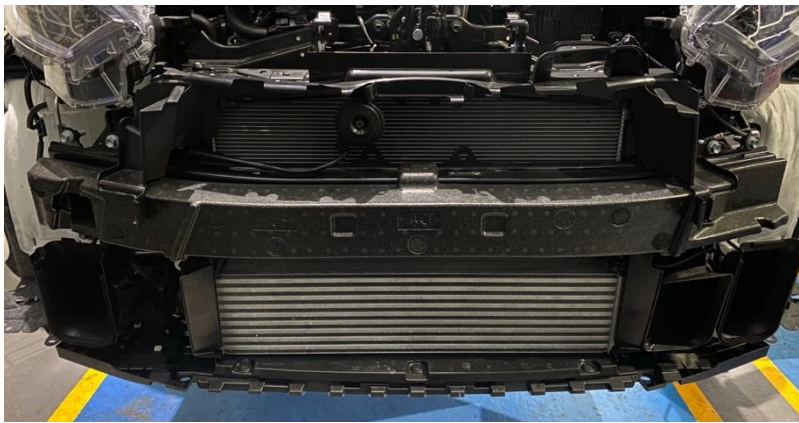
7. Remove the lower plastic trim by removing the three plastic clips using a trim removal tool.



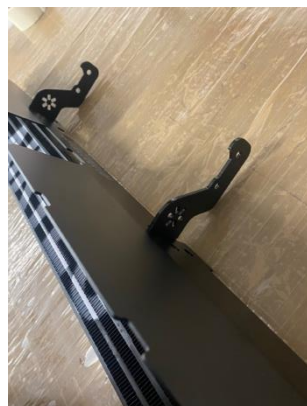
8. Remove the 10mm bolt holding the horn to the crash bar and then unclip the wiring harness further along.



9. Remove the original plastic air guide from above the crash bar by releasing the plastic clips.



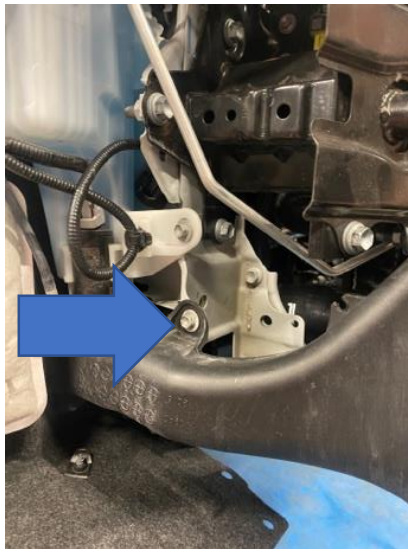
10. Prepare the oil cooler for installation by installing the three supplied foam pads on top of the oil cooler. Now you can install the brackets by placing them between the oil cooler and air guide. Once aligned, secure using the supplied M6x14mm Socket Head bolts with washers.



11. You can now install the supplied rubber trims, which have been cut specifically for each section of this air guide. Please examine the picture below carefully for guidance.



12. Remove the 10mm bolt (highlighted with blue arrow) and install the supplied M6 spacer along with the horn behind the brake cooling guide bracket as pictured. Secure using the supplied M6x30mm Socket Head bolt with washer.



13. Now install the oil cooler by utilising the existing holes either side of the bonnet latch. Secure using the supplied M6x16mm Socket Head bolts with M6 washers and Nyloc nuts.



14. From under the car, locate the oil filter and remove. Be ready to collect any dropped oil.



15. Install the sandwich plate using the provided adaptor and fully tighten fittings. Then reinstall the removed oil filter or fit a new oil filter.



16. Now install the oil lines. The shorter line goes to the left-hand side of the cooler and feeds through underneath the headlight to the sandwich plate fitting nearest the front of the car, as pictured. The longer one goes from the right-hand side to the rear sandwich plate fitting.



17. You can now install the sides onto the air guide by using the supplied M6x14mm Button Head bolts with Nyloc nuts and washers. Once secure, install the two small rubber trims on the air guide sides. Then check everything has been secured correctly, is fully tightened.



18. **IMPORTANT:** Finally, top up the oil (approx. 500ml) and start the car. Look immediately for leaks from any of the four connections and the oil filter. If so, turn the engine off and retighten the fittings if needed. Then let the car get to full operating temperature, recheck the oil level and top up if required.

Once the level is correct, refit the bumper and undertray in reverse of removal.