

Toyota Yaris GR Stage 3 Intercooler Fitting Instructions

Tools needed:

- Ratchet and Socket set
- Trim removal tool
- Jubilee flexi-driver

Kit Includes:

- AIRTEC Motorsport Stage 3 Intercooler
- 2x Billet Intercooler brackets (LH and RH)
- 2x Pro Hoses silicone hoses
- 4x Jubilee clips
- 4x M8x20mm Socket Head bolts

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

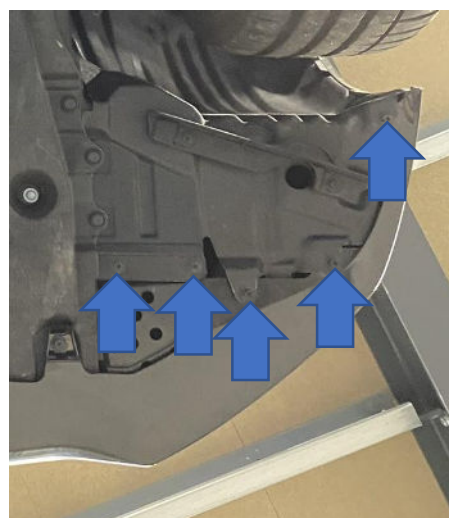


Instructions

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.



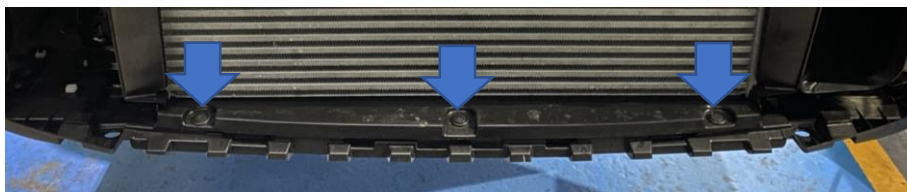
5. Now you can undo the 10mm bolts holding the wing to the bumper and as you do, a plastic wedge will come out with it. This is what secures the two parts together. They are different colours so ensure you remember which came from which side.



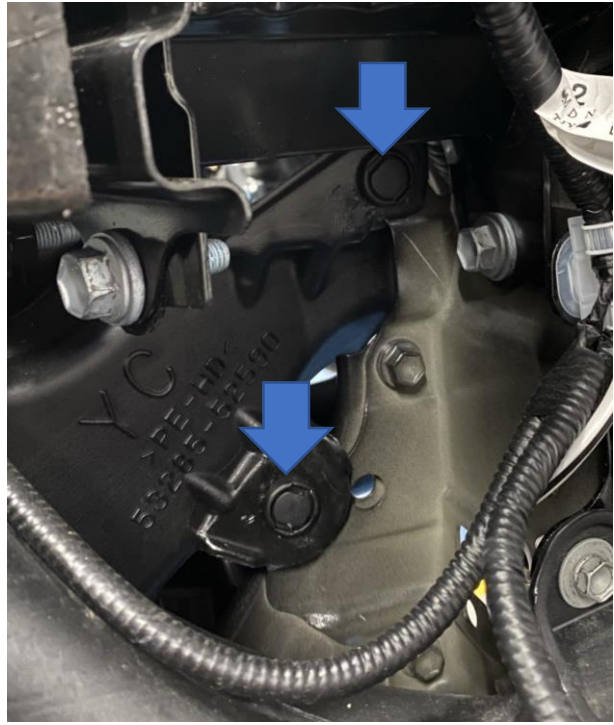
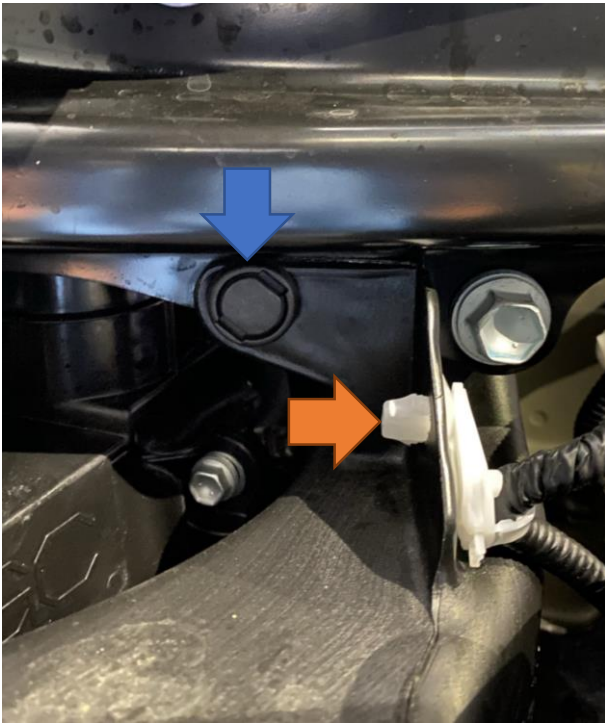
6. Carefully but firmly pull the edges of the bumper to release. Then, with the help of a second person holding the bumper, disconnect the plugs each side for the fog lights. The bumper can now be stored safely. Remove the foam support from the crash bar, this simply pulls off.



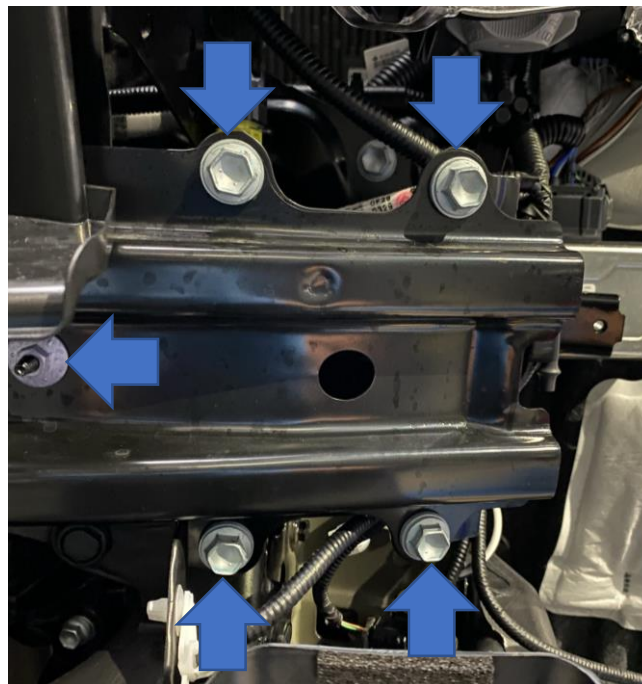
7. Remove the lower plastic trim by removing the three plastic clips using a trim removal tool.



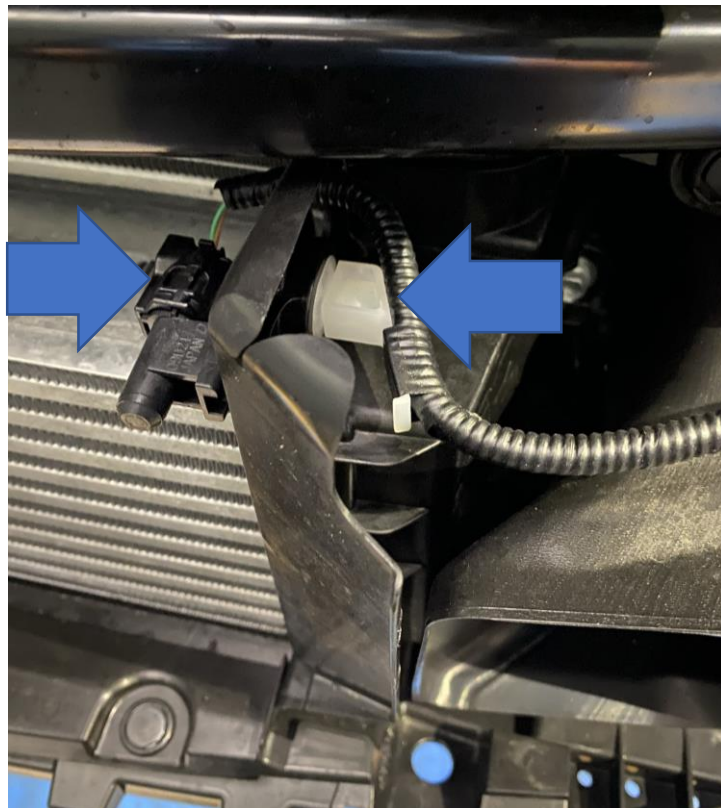
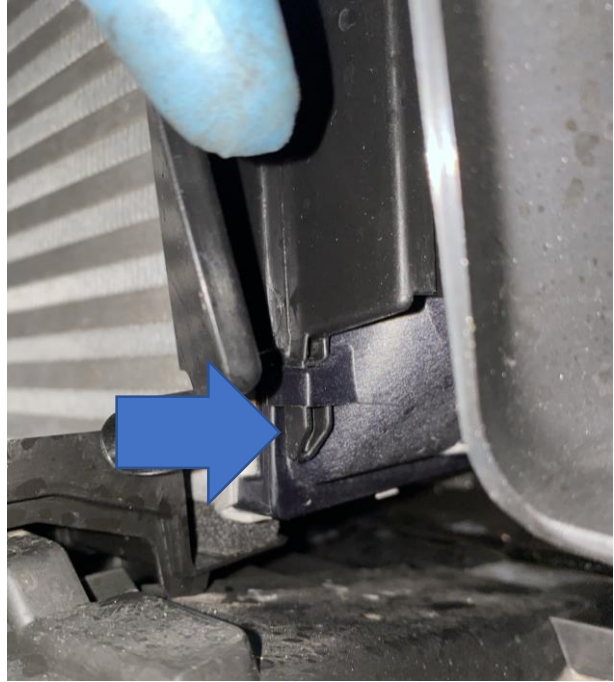
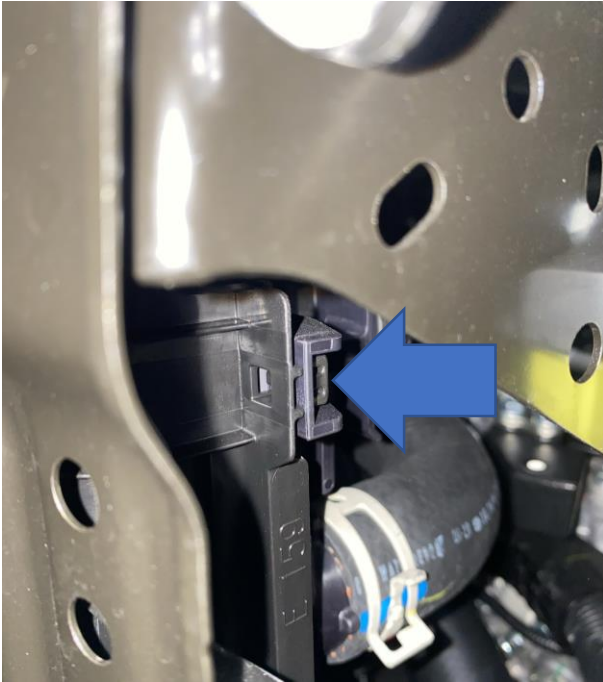
8. Remove the air guide by releasing the three plastic clips (blue arrows) and disconnect the wiring loom clip for the air temp sensor (orange arrow).



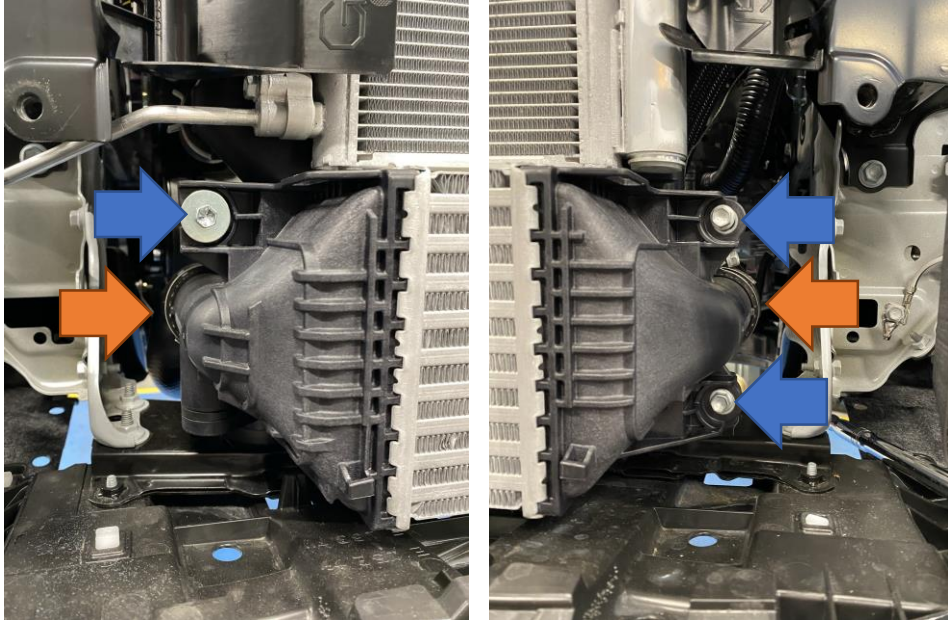
9. Remove the crash bar by undoing the 10mm nut and four 14mm bolts each side. The crash bar will then pull away.



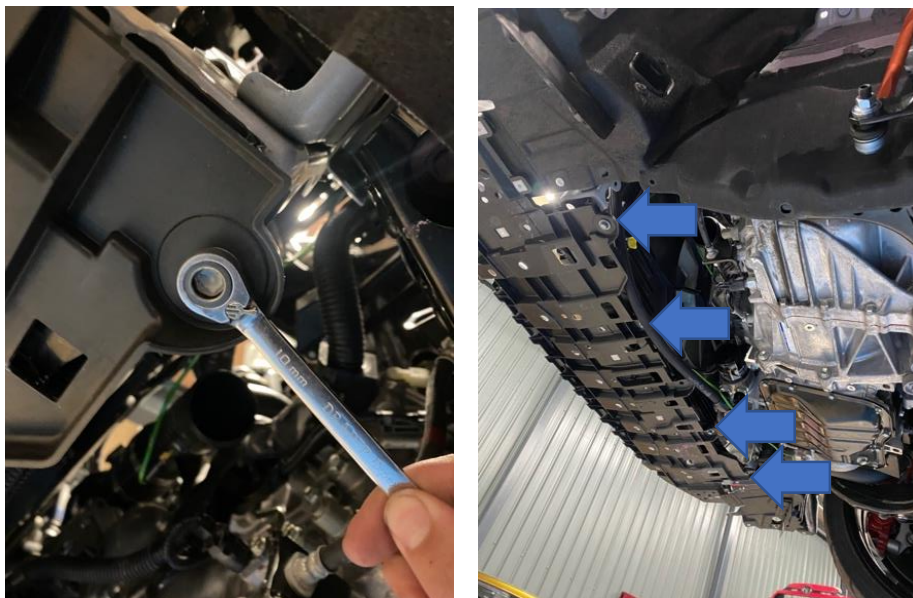
10. Remove the air guides from either side of the radiator by unclipping them and then pulling them up to remove them from their slots. On the right-hand side air guide you will need to unclip the air temp sensor and wiring loom too.



11. Disconnect the hose clips to the intercooler (highlighted with orange arrows), then follow each hose back and disconnect the other ends, and remove both hoses from the car. Then remove the three 10mm bolts (highlighted with blue arrows), holding the intercooler to the car. You will then be able to remove the original intercooler from the car.



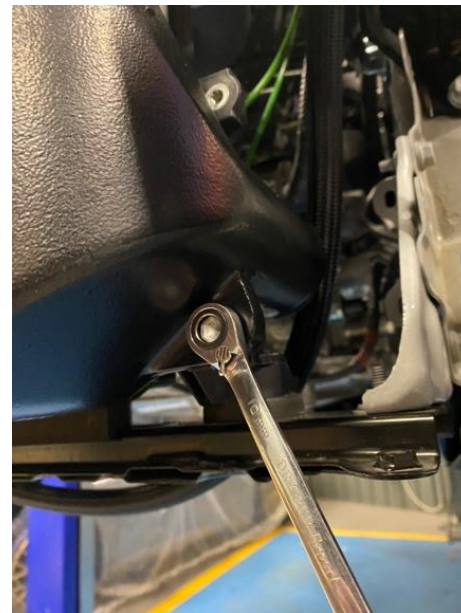
12. Remove the undertray by removing four 10mm bolts from the tabs on the back of the undertray.



13. Install the billet crash bar brackets in place before installing the intercooler by reusing the fittings removed in Step 9. Do not fully tighten these yet as you may need movement for adjustment when installing the intercooler. Also reinstall the rubber mounts from the original intercooler onto the bottom of the new AIRTEC Motorsport intercooler.



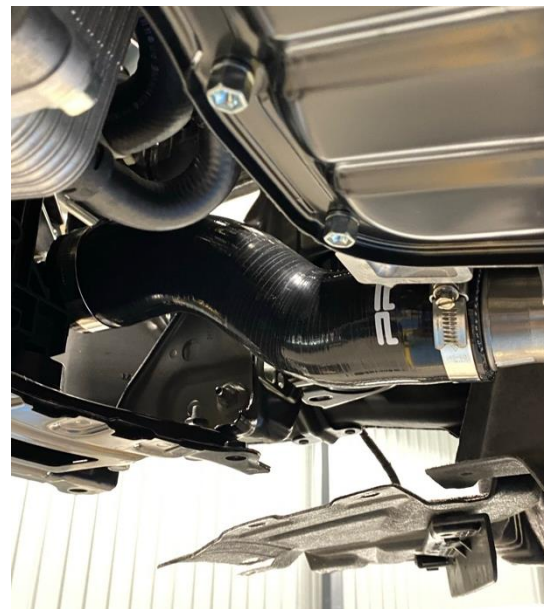
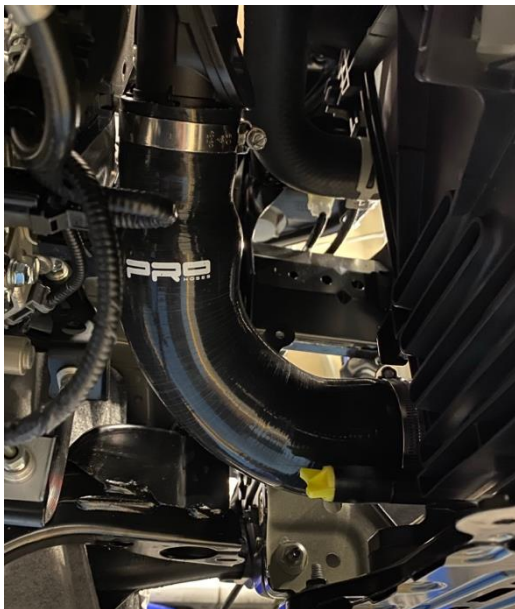
14. You can now install the AIRTEC Motorsport intercooler by using the provided M8x20mm bolts to mount the intercooler to the crash bar brackets, two each side. You will also need to reuse the original bolt removed in Step 11 for the lower right-hand side bracket.



15. Now check that the crash bar aligns correctly and once happy with the fitment, fully tighten the crash bar mounting points in place.



16. Now install the new silicone hoses onto the car as pictured and fully tighten using the supplied jubilee clips.



17. Reinstall the air feed removed in Step 8 and relocate the air temperature sensor onto the air guide bracket as shown below.



18. Finally, reassemble the car in reverse of removal making sure all hoses and fixings have been tightened securely.



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