

# Yaris GR Intercooler

## Fitting Instructions

### Tools needed:

- Access to a ramp or a jack and axle stands
- Socket set
- Trim removal tool
- Jubilee flexdriver

### Kit Includes:

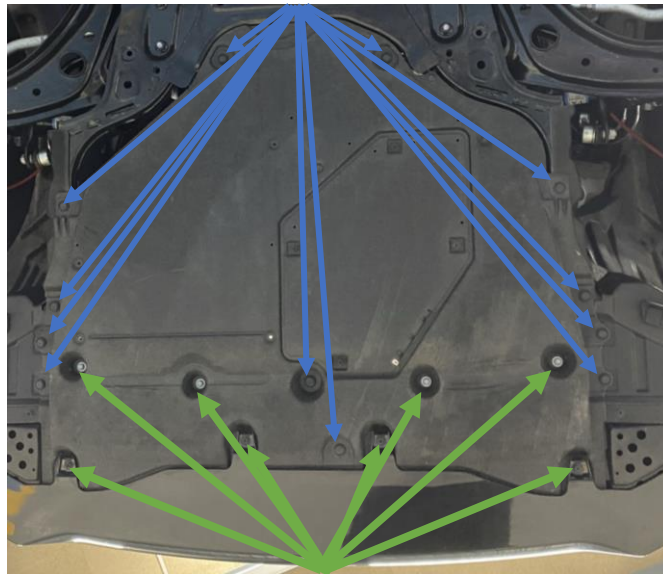
- AIRTEC Intercooler
- X2 Pro hoses silicone hoses
- X4 Jubilee clips

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

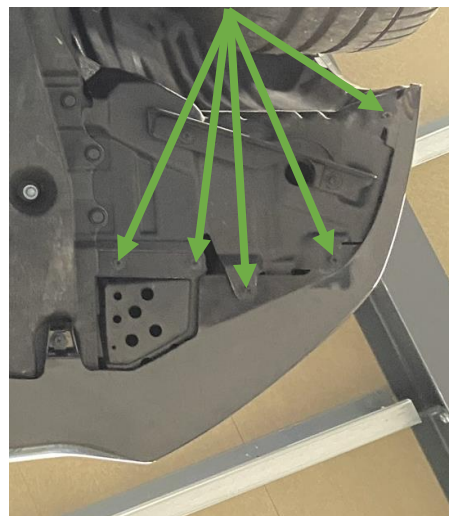


# Instructions

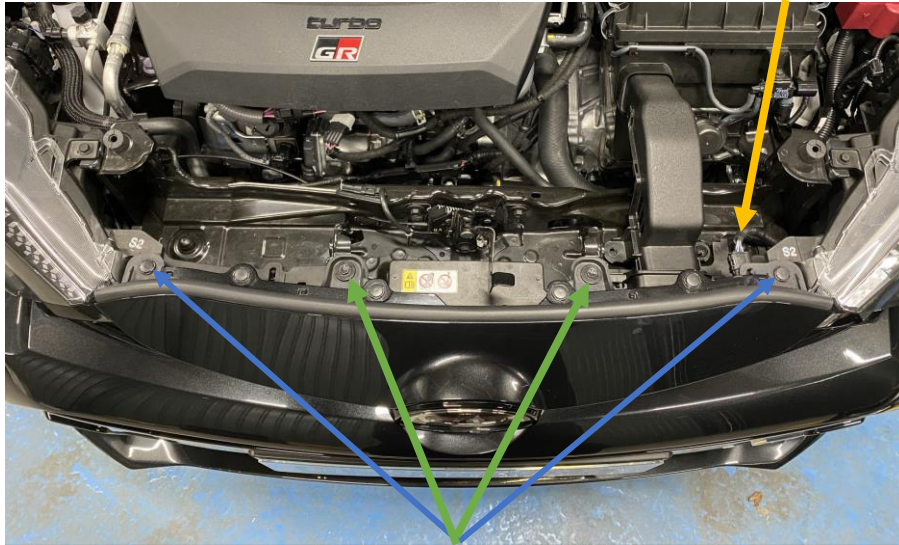
1. Raise the vehicle using either a ramp or axle and ensure it is secure.
2. Open the bonnet and secure
3. Starting under the car remove the undertray by undoing the x 4 10mm holding the undertray to the bumper, followed by the 4 x 10mm bolts behind that and then work round removing x 12 plastic clips using a trim removal tool. Place the undertray aside.



4. Still working under the car undo the x 5 10mm on either side of the car holding the arch liner to the front bumper.



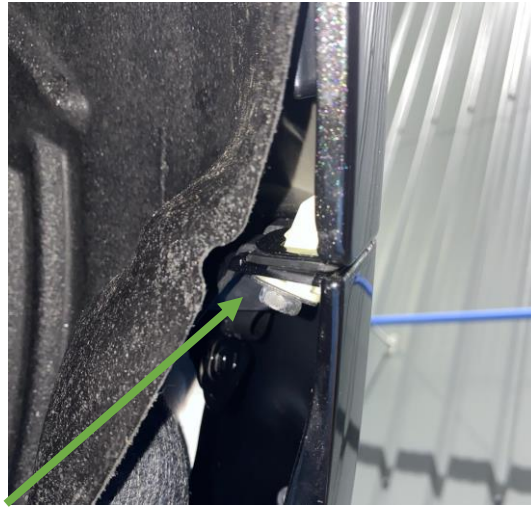
5. Working under the bonnet remove the x 2 10mm. x 2 plastic clips using a trim removal tool and disconnect the plug on the right hand side.



6. In each arch liner remove x 1 plastic clip and then you will need to pull the 2 clips to release them from the bumper. Take care not to damage these when removing.



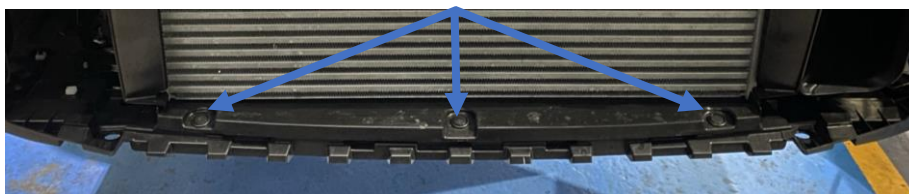
7. Now you can undo the 10mm holding the wing to the bumper, as you undo the bolt a plastic wedge will come out with it. This is what secures the two parts together. They are different colours so ensure you remember which colour came from which side.



8. Pull the edges of the bumper to release and whilst a second person holds the bumper disconnect the plugs for the fog lights each side. The bumper can now be stored safely.



9. Remove the lower plastic trim by removing x 3 plastic clips using a trim removal tool.

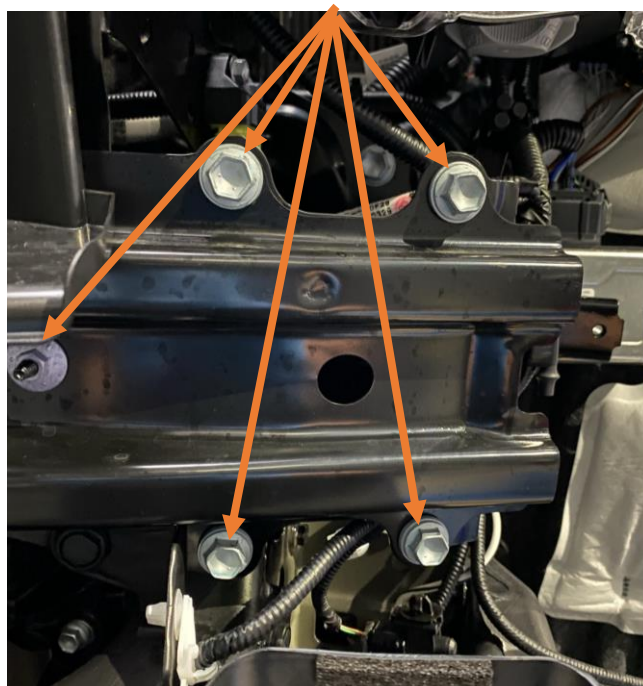


10. Remove air guide by undoing x 3 plastic clips and disconnect the wiring loom clip for the air temp sensor.



11. Remove foam covering the crash bar.

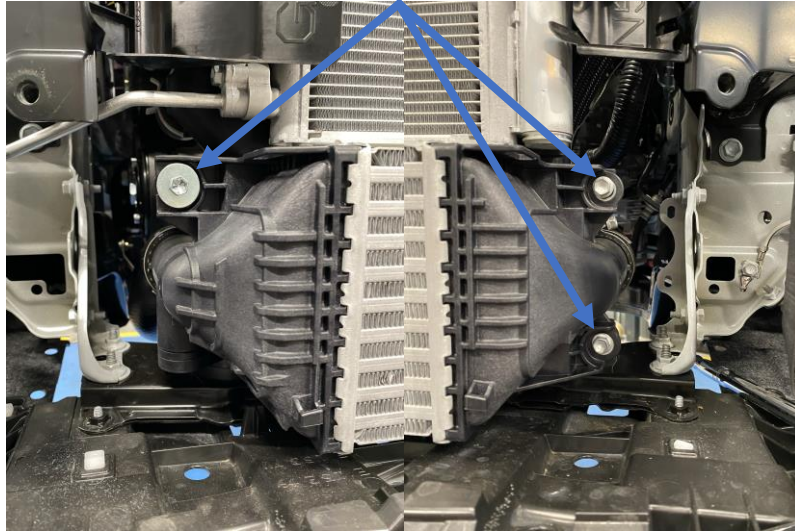
12. Remove the crash bar by removing x 2 10mm nuts followed by x 8 14mm bolts. The crash bar will just pull away.



13. Remove the air guides from either side by unclipping them by the side of the radiator and then pulling them up to remove them from the slots on the intercooler. On the right hand air guide you will need to unclip the air temp sensor and wiring loom for this.



14. Undo the hose clamps holding the stock boost hoses to the intercooler followed by the ones on the other end of the hoses so that both hoses can be removed.
15. Remove the x 3 10mm holding the intercooler to the car. You will then be able to remove the stock intercooler.



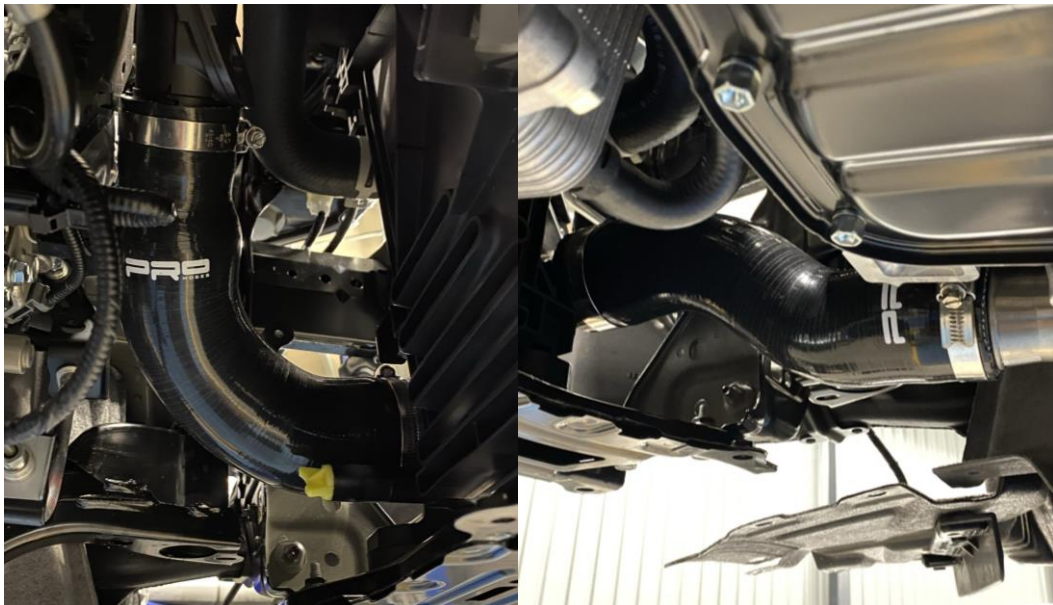
16. Remove the metal bush and rubber fitting from the top left of the stock intercooler and re-insert to your new AIRTEC Motorsports intercooler along with the rubber bung on the bottom left if it came out with the stock intercooler. If not then you can leave it in the hole on the car.



17. Install the new intercooler, you will need to tilt it towards the car and get the lower left of the intercooler into the bung or into the hole where the bung goes first in order to fit the cooler. You will then need to push down to get it under the AC rad. This can be made easier if needs be by undoing the 5 x 10mm holding the lower plastic on and 1 x clip and removing this trim. Once in place reinstall the x 3 10mm that you removed previously.

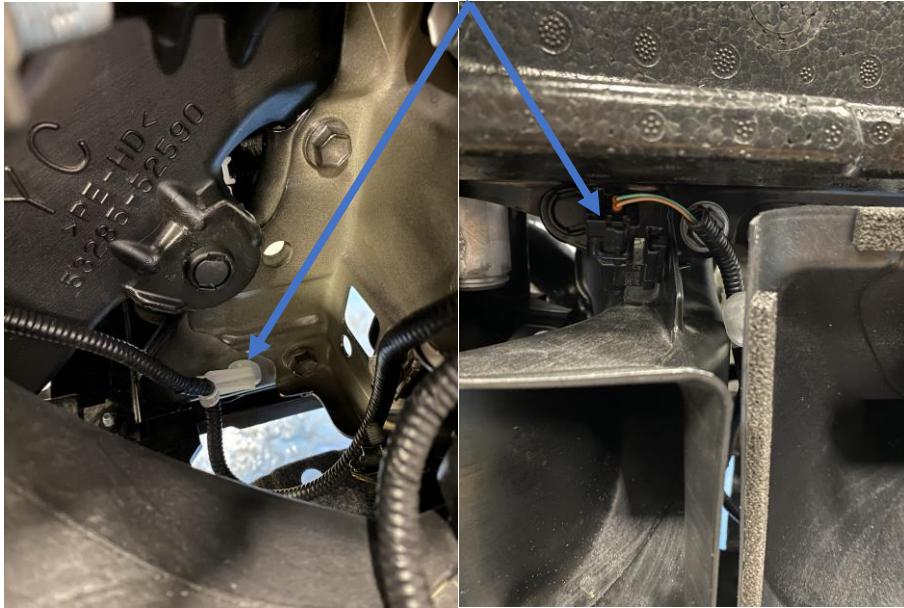


18. Install your new silicone hoses on to the car and tighten using the supplied jubilee clips.





19. Reinstall the air guide reusing the x 3 plastic clips and then install the air temp sensor into the hole that was previously used for the wiring clip.



20. Reinstall the front bumper in the reverse of the previous steps. You will not be reinstalling the side air guides or the lower plastic guide.

