

RAMAIR PRORAM

For Toyota Yaris GR 1.6 Turbo Engine



Before starting any work on the vehicle please ensure that there are no existing engine management issues.

It is recommended that you read and understand these instructions in their entirety before beginning the installation.

It is recommended that a competent mechanic carries out or at very least inspects the installation of the product.

If you are at all unsure about any aspect of the installation process, please contact RAMAIR Filters before proceeding.

Irreversible modification (cutting, grinding, bending, gluing, etc) of any component of the kit is not required for installation to a standard vehicle, doing so may affect your warranty.

01

Remove the cold air feed. It is held in place by two plastic trim clips. Gently pry the centre piece of the trim clip to release them.



02

Unclip the cable from the side of the airbox.

Unbolt the solenoid from the front of the airbox and remove the two vacuum lines that connect to the solenoid.

Using the short vacuum line join the ports on the solenoid, as shown.



03

Using the supplied bung, cap the other end of the long vacuum line removed in the previous step.



04

Disconnect the MAF sensor cable and unclip it from the airbox.



05

Undo the clamp between the airbox and intake hose, then remove the airbox.

The airbox has three ball shaped feet which locate in rubber mounts on the chassis. Gently pulling in an upwards direction should release them.



06

Remove the flexible intake pipe by undoing one further hose clamp.

You should now have removed the parts shown here.



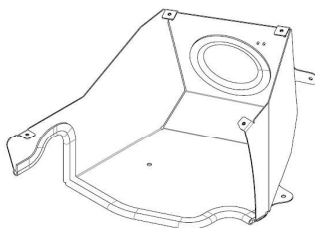
07

Remove the MAF sensor from the airbox and install it into the supplied MAF housing tube.



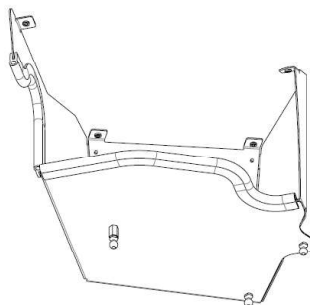
08

Cut the edge trim to length and apply to the heatshield as shown.



09

Install the metal feet into the base of the heatshield using the supplied spacers and bolts.



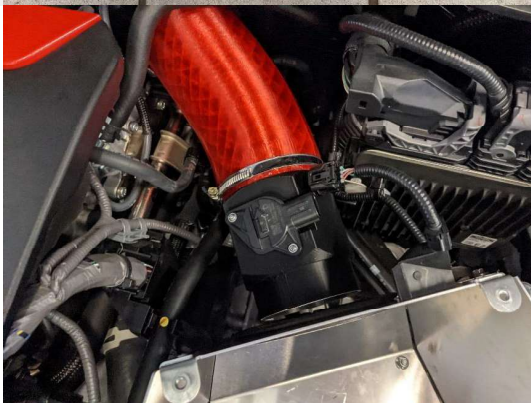
- 10 Install the heatshield assembly into the rubber airbox mounting points.



- 11 Assemble the hose and MAF housing assembly as shown.



- 12 Install the MAF housing and hose on the turbo inlet pipe and secure with a clamp



13

Install the velocity stack onto the MAF housing using the supplied silicone coupler and clamps



14

Install the filter onto the velocity stack and secure with its clamp.



15

Reconnect the MAF sensor and clip the cable into the bracket on the rear of the heatshield.



16

Bolt the solenoid that was removed earlier to the bracket on the side of the heatshield using its original bolt.

Ensure the take-off that was attached to the airbox is now capped off.



17

Assemble the carbon fibre lid as shown using the supplied black bolts.

Install the carbon fibre lid assembly using the remainder of the supplied black bolts.



18

Double check your installation.

Start the car and allow to idle for a couple of minutes for it to adjust.

Check your installation periodically to ensure everything is in order.



