

RAMAIR **PRO**RAM

For
BMW 1/2/3/4 Series (F2X, F3X)
2.0T B48 Engines



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 front cover panel by pulling up on the side foot and slide out of front foot.



02

Disconnect the MAF Sensor and both clamps securing the intake hose.



03

Remove the intake hose from the vehicle.



04

Remove the airbox by gently pulling upwards from the rear.

It is held in position by two rubber feet and a plastic ball foot.



05

Undo the plastic ball foot using a spanner and remove from the vehicle.



06

Cut the supplied edge trim to length and apply to the heat shield as shown.



07

Install the heatshield into the vehicle aligning the hole in the base tab over the bolt shown.

Secure with the washer and nut.



08

Secure the rear bracket on the heatshield to the tab on the chassis using the supplied bolt and nut.



09

Remove the MAF from the airbox and install onto the supplied hard pipe using the supplied bolts.



10

Install the hard pipe into the vehicle by passing it through the hole in the heatshield.

Connect the smaller silicone to the turbo adaptor and secure with a hose clamp.

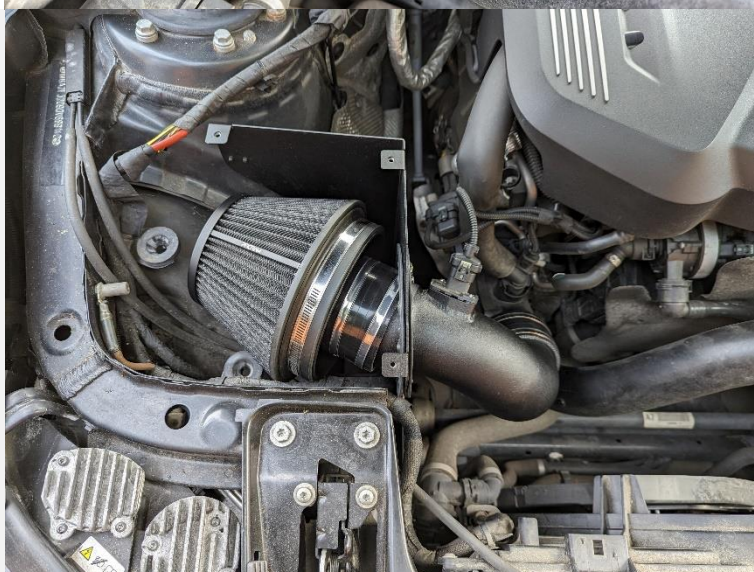
Reconnect the MAF sensor cable to.



11

Assemble the filter, velocity stack and larger silicone coupler and secure using the supplied hose clamps.

Install onto the end of the hard pipe and secure with a supplied hose clamp.



12

Re-install the front cover panel.



13

Install the carbon fibre lid using the supplied black bolts.



14

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.



