

Installation Instructions

Eventuri E60/E63 M5/M6 Intake System

Notes and tools required:

T25 Torx (MAF Sensors)
T30 Torx (Front Panel)
10mm Socket
8mm Socket
Flat Head Screw Driver
Philips Head Screw Driver
2mm Drill Bit
6mm Drill Bit
Drill
Ratchet

Bank Recognition:

Facing engine with bonnet open, Bank 1 = left, Bank 2 = Right side

Part 1 – Removal of OEM parts

1. Unplug MAF Sensors



2. Unclip breather hose from bank 1 factory airbox



3. Remove upper airbox assemblies by unclipping latches and loosening hose clamps complete with flexible tubing to inlet manifold



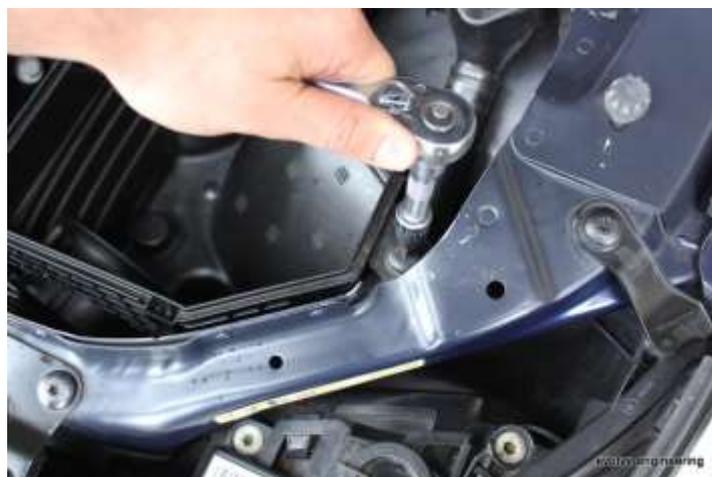
4. Remove lower air box assemblies. Bank 1 requires 10mm socket, bank 2 require T30 Torx
There is also one 10mm nut to remove from the rear on each bank



Bank 1 10mm Nut removal



Rear 10mm nut on both banks



Torx bolt on Bank 2

5. With lower airbox assemblies removed – pull out lower ducts from both sides and ensure you know which one was the left and right sides for later – (you may need to pull hard):



6. Remove plastic strip from top of front bumper:



5.1 Pull back rubber seals



5.2 Unclip Plastic strip

7. Remove Torx Bolts from top of bumper cover:



8. Remove both front grills by carefully compressing the clips situated on top and internally



Part 2 – Preparing Evolve VAI for installation

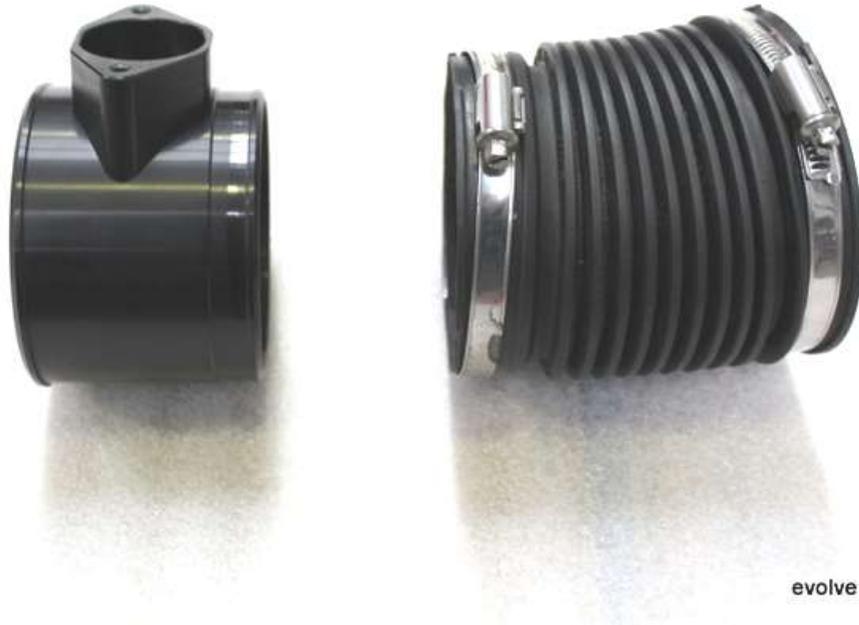
9. Remove air mass sensors from OEM airboxes using T25 Torx ensuring the green o-ring remains in place on the MAF sensor:



10. Insert MAF sensors into Evolve MAF housings using supplied bolts
Tighten bolts to maximum 5Nm



11. Remove flexible hoses from OEM airbox and fit onto the new MAF Housings using OEM hose clamps. Flexible OEM hoses secure onto recessed sides of the MAF housings (MAF Sensor is missing from this photo):



12. Fit supplied black silicone hose to other side of MAF housings with 2 supplied hose clamps (Please ensure silicone hose is straight on the MAF housing and touching the MAF boss – see image)



13. Fit Evolve Carbon housing into silicone hose and tighten the hose clamp shown in the picture shown. (Ensure orientation of the MAF sensors to the plaques is as shown for both banks):



Bank 1 Intake

Bank 2 Intake

14. Identify left and right side lower scoops as shown:



Left Hand Side Scoop

Right Hand Side Scoop

15. Insert a scoop into its corresponding duct as shown and drill 2 x 6mm holes. Ensure the left and right hand lower scoops are installed into corresponding left and right hand ducts. Insert supplied plastic rivets as shown in the picture (Left hand side is shown for illustration):



Ensure the scoop is forward facing once the duct is re-installed into the car.



Ensure there is a small gap between the straight edge of the scoop and the duct to avoid fouling.

Part 3 – Installation of Evolve VAI,
Evolve Scoops

16. Install lower ducts with scoops installed and push down into corresponding left and right hand sides until secure:



17. Installation of left and right hand heat deflectors:
 - i. Remove Torx bolt from air feed situated on the front panels



- ii. Remove rubber bushes from chassis as shown in image



- iii. Install heat deflectors behind air feed and align holes making sure you locate lower bracket onto chassis thread:



- iv. Secure with OEM torx through the air feed and supplied plastic nut or existing rubber bush onto chassis

18. Identify Left and Right hand front scoops as shown:



19. Drill 2mm pilot holes with scoops in place and secure with supplied screws:



20. Reinstall front grills by aligning tabs and gently pushing. Secure bumper with OEM torx and refit rubber strip.
21. Install P Clamp onto secondary air flow tube and secure using 8mm bolt currently on power steering reservoir bracket:



22. Push in supplied breather filter assembly into the secondary air pump tube. This will click into position:



23. Install fully assembled bank 1

Evolve VAI:

- i. Push flexible tube straight onto inlet manifold.



- ii. Compress the assembly and lower the intake onto the locating bush through the bracket hole. We have supplied a spare bush if required.



- iii. You may need to rotate the assembly to align the bracket to the bush

- iv. Secure with supplied 10mm nut to 10Nm



- v. Tighten all hose clamps
- vi. Connect MAF sensor plug firmly

- 24. Install fully assembled bank 2 Evolve VAI:
 - i. Install supplied bush (see picture)



- ii. Push flexible tube straight onto inlet manifold.



- iii. Compress the assembly and lower the intake onto the locating bush through the bracket hole (see picture)



- iv. You may need to rotate the assembly to align the bracket to the bush
- v. Secure with supplied 10mm nut to 10Nm
- vi. Tighten all hose clamps

- vii. Connect MAF sensor plug firmly

25. The following steps only apply to the E60 M5 kit: Install supplied washer filler bracket as shown in image – push bracket into first hole – not into the clip used on the OEM airbox



26. Secure bracket to right side panel using supplied flanged bolt and nut as shown:

