

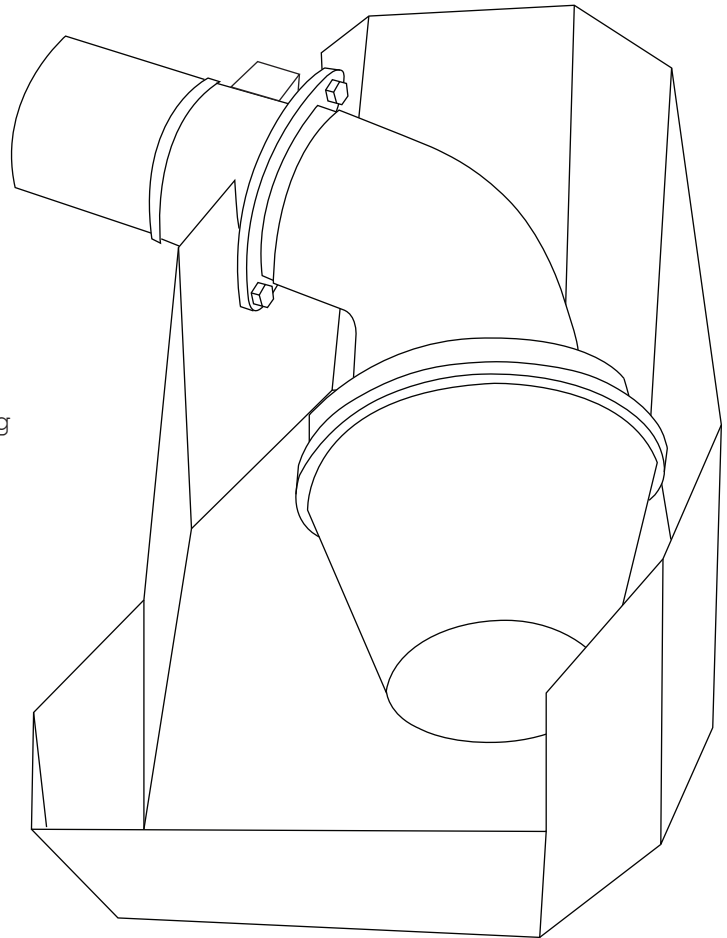
Evolution MotorSports

## 3.2L V-Flow Installation Instructions



### Parts included in the kit

- 1X 6" Venturi
- 1X 6" oiled filter
- 1X Silicone elbow
- 1X Venturi backing plate
- 1X Air box base
- 1X Air box side (left)
- 1X Air box side (rite)
- 1X L bracket
- 1X 100x120x12mm hose clamp
- 1X 80x100 hose clamp
- 1X 13.25 strip of weather stripping
- 1X 26" strip of weather stripping
- 3X 10mm bolts
- 3X 10mm nuts
- 3X 7/16 coarse thread bolts
- 14X 2.5mm hex button bolts
- 14X 7mm Nylock nuts

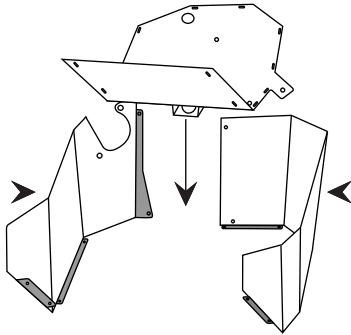


### Tools used for assembly

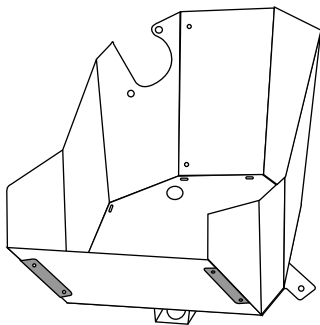
- 7mm nut driver
- 10 mm nut driver
- 2.5mm allen tool
- 6mm allen tool
- Phillips screw driver
- Press clamp removal tool or large channel locks



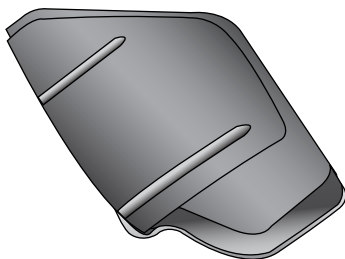
(a) Assembly of EVOMS V-Flow Air Box



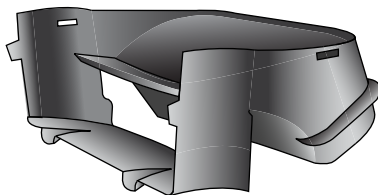
(b) Assembled EVOMS V-Flow Air Box



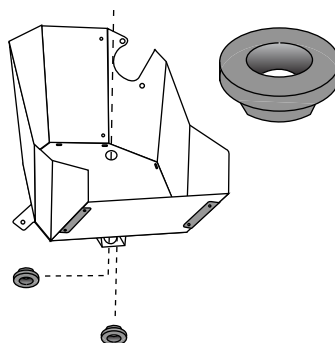
(c) OEM Air Scoop Cover



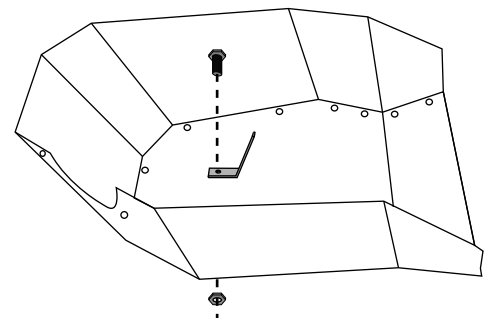
(d) OEM Lower Air Scoop



(e) OEM Rubber Grommet



(f) Installing "L" Shaped Bracket



1. Assemble V-Flow air box. Make sure the angled tabs of the side components wrap around the underside of the lower shield (a). All tabs should be on the outside of the fully assembled air box (b). Secure the side shields using the included 7mm Nylock nuts and 2.5 mm hex head button bolts.

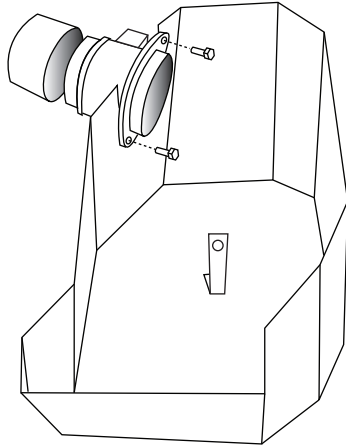
2. Remove factory air scoop. Pull the upper cover (c) of the OEM air scoop upwards to remove. Pull the bottom section (d) up and towards the engine to clear the airbox. This provides clearance to remove the OEM air box and install the Evolution MotorSports V-Flow Intake.

3. Remove Factory air box. Begin by removing the hose clamp around the Mass Air Flow Meter (MAF) tube and the Allen head bolt on the front driver side corner of the OEM air box. This bolt is attached to a rubber grommet and can not be removed. Once this bolt is loose, pull up firmly on the front center and back passenger side corner of the air box until it comes free. (Audi A3's use a Metal bracket to secure the air box so be careful not to distort the bracket.)

4. Remove rubber grommets. Located on the bottom of the OEM air box are two rubber grommets (e). Re-locate them to the corresponding points on the V-Flow Air Box.

5. Install Bracket. Install the "L" shaped bracket (f) using the shortest 10mm bolt and nut to the bottom of the V-Flow Air Box with the long side of the bracket facing the front of the air box.

6. Install V-Flow Air Box. Mount the air box in the car fitting the rubber grommets in place. Secure the V-Flow Air Box into cavity from OEM air box. Use the OEM hex bolt from the front driver side corner to secure the V-Flow Air Box into place.



7. Install MAF Sensor. Remove the two screws holding the MAF sensor to the OEM air box using a Phillips screw driver. Install the OEM MAF sensor into the slot on the V-Flow Air Box. The MAF sensor should be facing the back of the box. The arrow should correspond to the direction of air flow. (see picture for placement of mounting points)

15. Install V-Flow Venturi. Position the backing plate against the reverse side of the venturi and use (2) 7/16" bolts to mount the plate. While holding the venturi to the already installed "L" shaped bracket Use (1) 7/16" bolt to secure these components together.

16. Install EVOMS Silicone Elbow. Attach the included EVOMS silicone elbow from the venturi to the MAF tube using provided hose clamps.

17. Install EVOMS V-Flow Filter. Attach the EVOMS V-Flow filter onto the Venturi. Tighten the hose clamp fastening it into place.

18. Reinstall OEM air scoop. OEM component re-installs into its original location

