



INSTALLATION OF THE EVOLUTION AIR INTAKE SYSTEM

E-39



Shows Evolution Air Intake System installed on a 99 528

Tools Required:

Flat head screw driver
1/4" drive ratchet (1/4" drive worked best for me)
10mm socket
8 mm socket

Parts List:

Evolution Heat Shield
Evolution Inlet tube w/Bracket
Cone Filter w/clamp
2-Hose clamps
Silicone Hose
1- 6mm x 16mm Bolt

1. Make sure that the engine is cool enough to work on and that the ignition is off.
2. Locate the factory air box on the driver's side inner fender.
3. The air box is attached to the inner fender by a 10-mm bolt (Fig. 1). Remove the bolt and keep it in a safe place.
4. Unclip the neck of the air box from the air flow meter (AFM) by inserting your flathead screwdriver between the clip and the body of the AFM and carefully twisting them to release the clips. (Fig. 2)
5. There are 2 – 8mm bolts that secure the AFM to the airbox, one on the side and one on the bottom. Remove these bolts and keep them in a safe place. Carefully disconnect the AFM from the airbox. (Fig. 3)
6. Carefully remove the airbox from the car making sure that you disconnect the 2 inlet tubes that feed air from the inner fender.
7. You are now ready to install the heat shield. Carefully bend the heat shield so that it lines up with the AFM. The front of the shield should fit in the small slot in the radiator brace and the bottom of the shield (the square



opening) should fit over the rubber mount. Place the silicone hose on the HFM, put the 2 hose clamps on and carefully twist the silicone hose through the rubber grommet on the shield until it is flush with the grommet on the inside of the shield. *Do not tighten at this time.*



8. Take the inlet tube and bracket and attach it to the silicone hose with a twisting motion. Insert the supplied 6mm x 16mm bolt through the filter bracket and attach the bracket to the bolt opening from the original airbox.
9. Tighten the two hose clamps on the silicone hose. Make sure that the one clamp is up against the shield and the other is securing the HFM.
10. Time to install the cone filter. Place the last clamp over the rubber sleeve of the filter. Point the front edge of the filter downward and then with a gentle twisting motion, work the filter on to the edge of the filter bracket. Tighten the clamp.
11. Recheck all connections, make sure that you have removed all of your tools/leftover parts and slowly close the hood to make sure that there is enough clearance.

The *Evolution* that started a *Revolution*