



IMPORTANT WARRANTY & INSTALLATION
INSTRUCTIONS ATTACHED

*Please Forward All Attached Information to Consumer
Warranty Not Valid Unless Returned to Volant Performance*



Please be sure to review the enclosed instructions prior to beginning the installation process.

Please take time to read and understand these installation instructions.

Volant recommends that the installation of this system be performed by a qualified service center or professional installer who has the necessary equipment, tools and experienced personnel. However, if you decide to perform this install the use of an additional person may be required.

CAUTION: Never work on a hot engine bay. Allow time for the vehicle to cool.

Recommended Tools:

- Flathead Screwdriver
- Assorted Socket-Set
- Ratchet
- Ratchet Extension

Please confirm that all parts are present according to the bill of materials before beginning the installation.

Bill of Materials

| | | | | | |
|---|--|---|------------------------------|---|---------------------|
| 1 | Plastic air box | 2 | 1/4 -20 x .750 Bolts | 2 | 1/2 Rubber grommets |
| 1 | Plastic air duct | 2 | 1/4 Lock washers | 1 | MAF mounting plate |
| 1 | Plastic ram air lid | 2 | 1/4 x 20 Washers | 1 | MAF gasket |
| 1 | Primo or PowerCore [®] Filter | 3 | 1/4 - 20 x 1.00 Truss screws | 2 | 4mm x 12 Screws |
| 1 | 4 Inch hump hose | 1 | 1/4 - 20 x 1.25 Truss screw | 1 | O- Ring |
| 2 | #64 Clamps | 4 | 1/4 Rubber washers | 1 | D-526-3 CARB Decal |



Installation Instructions:

1. Before you begin the install you must disconnect the negative battery cables. Failure to disconnect the battery may cause a check engine light or damage to your engine. (Fig A)
 2. Remove the factory filter element by releasing the 4 clips and pulling up. Save in case vehicle needs to be returned to stock. (Fig B)
 3. Using a 5/16 socket or nut driver loosen the clamp holding the air duct to the turbo inlet pipe. (Fig C)
 4. Remove the MAF sensor harness from the MAF sensor. (Fig D)
 5. Remove the filter gauge/minder from the back of the air duct. (Fig E)
 6. Remove the air duct from the turbo inlet piping. (Fig F)
 7. Remove the factory air duct from the engine compartment. Save in case vehicle needs to be returned to stock. (Fig G)
 8. Remove the factory air inlet from the engine compartment. Save in case vehicle needs to be returned to stock. (Fig H)
 9. Due to the differences in intake configurations it is necessary to check fit the Volant duct. Holding the duct in place it may be necessary to trim the duct on the trim line shown in figure I2 (Fig I1 , I2)
 10. Place the Volant box into factory position. (Fig J)
 11. Slide the Volant duct into the Volant Box. (Fig K)
- WARNING:** Over tightening hardware may alter the integrity of the Volant air intake system.
12. Tighten the Volant duct to the box using the provided hardware. (Fig L)
 13. If the air duct was trimmed, slide the factory tube over the Volant duct and tighten factory clamp using a 5/16 socket or nut driver. If the air duct was not trimmed attach the Volant duct to the factory inlet using the provided hump hose and #64 clamps using a 5/16 socket or nut driver. (Fig M)
 14. Tighten the filter (Primo Filter #5152 or PowerCore[®] Filter #61503) onto the duct using a 5/16 socket or nut driver. (Fig N)
 15. Press the filter gauge/minder into the 1/2 rubber grommet on the Volant air duct. (Fig O)

CONTINUED ON NEXT PAGE



16. Place the Volant RAM air top onto the Volant air box. **(Fig P)**
17. Tighten the RAM air lid onto the box using the provided truss head screws and rubber washers. **(Fig Q)**
18. If the vehicle is equipped with a press in sensor pull the sensor straight out of the factory rubber grommet. If the sensor is screwed on remove the torx screws with the provided bit. **(Fig R)** If the vehicle was equipped with the screw on MAF remove the factory O-ring from the sensor and install the supplied O-ring into the factory position. **(Fig S)**
19. If the vehicle was equipped with the screw on MAF peel off the white protective paper from the provided gasket and press it onto sensor base. **(Fig T)** Attach the sensor to the Volant duct using the screws provided. **(Fig U)**
20. If the vehicle was equipped with the press in MAF press the 1/2 grommet into the provided plate. **(Fig V)** If the vehicle was equipped with the press in MAF peel off the white protective paper from the provided gasket and press it onto plate. **(Fig W)** Attach the plate to the Volant duct and tighten into place using the provided hardware. **(not shown)**
21. Install the supplied Volant MAF gasket. **(Fig X)**
22. Reinstall the negative battery cables and check all connections before driving the vehicle and after 500 miles. **(Fig Y)**

23. Reconnect the battery cable.

***Check that this air intake complies with your Federal, State and Local laws. We recommend saving your stock system.**

BEFORE ROAD TESTING

1. Start engine, leaving the transmission in park and securing the parking brake.
2. Make sure to look and listen for any unusual noises or air leaks. Repair problems if needed.
3. Once completed it will be necessary to check periodically, after a few heat cycles, for realignment and tightening of all connections.

CARE AND CLEANING

Check the Primo cotton reusable filter periodically and remove any excessive dirt build-up by tapping the filter on the ground and brushing off the loosened dirt. Clean the filter by using a two stage cleaning kit to thoroughly clean and re-oil the filter. Re-oil every 10,000 miles without cleaning to improve filtering in sand and dirt. Clean only when dirt is very excessive or 20,000 miles.

PICTURES ON NEXT PAGE



Installation Pictures



Fig. A



Fig. B



Fig. C



Fig. D

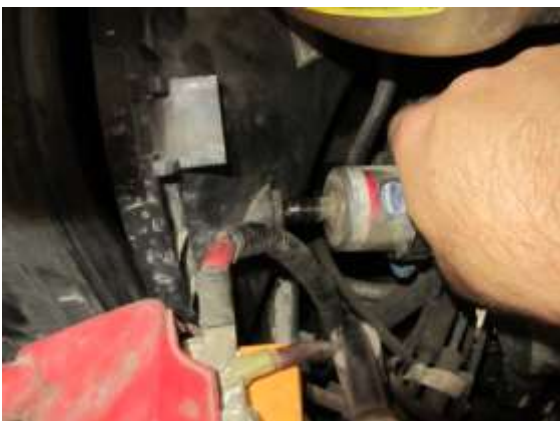


Fig. E



Fig. F

CONTINUED ON NEXT PAGE



Installation Pictures



Fig. G



Fig. H

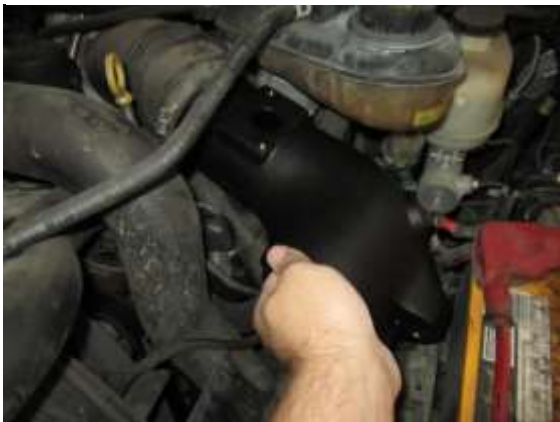


Fig. I1



Fig. I2



Fig. J



Fig. K

CONTINUED ON NEXT PAGE 

Installation Pictures



Fig. L



Fig. M



Fig. N



Fig. O



Fig. P



Fig. Q

CONTINUED ON NEXT PAGE 

Installation Pictures



Fig. R



Fig. S



Fig. T



Fig. U



Fig. V



Fig. W

CONTINUED ON NEXT PAGE



Installation Pictures



Fig. X



Fig. Y