



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	4	¼ x 5/8 rubber washers	1	#48 Clamp	2.5	3.75 Sleeve
1	Plastic air duct	4	¼ -20 x .50' Truss head screw	2	#64 Clamps	1	3 x 3.5 reducer
1	MAF adapter oval	2	6mm – 16 bolt	1	#56 Clamp	1	4.00 hump hose
1	Ram Scoop	2	¼ lock washers	2	#60 Clamps	1	5144 Pro5 Filter
1	Lid gasket	2	¼ x 5/8 washers	2	4mm x 10 Pan head screw		
1	Aluminum air box lid	1	1/8 NPT fitting straight	1	1/8 x 16 breather hose		



Installation Instructions:

1. **Before you begin the install you must disconnect the negative battery cable. Failure to disconnect the battery may cause a check engine light and/or damage to your engine. (Fig A)**
2. Remove the engine cover by pulling up and out. **(Fig B)**
3. Loosen the clamp holding the air duct to the throttle body. **(Fig C)**
4. Loosen the clamp holding the air duct to the air box. (Fig D)
5. Remove the factory 5/8 breather hose from the air duct. **(Fig E)**
6. Remove the factory 1/8 breather hose from the resonator box. **(Fig F)**
7. Remove the factory wiring harness from the resonator box. **(Fig G)**
8. Remove the bolt holding the resonator box in place. **(Fig H)**
9. Remove the factory air duct and resonator box. **Save in case vehicle needs to be returned to stock. (Fig I)**
10. Disconnect the MAF sensor harness from the MAF sensor. **(Fig J)**
11. Disconnect the MAF sensor harness from the top and back of the factory air box. **(Fig K, L, M)**
12. Unhook the top of the factory air box and remove it. **Save in case vehicle needs to be returned to stock. (Fig N)**
13. Remove the factory panel filter. **Save in case vehicle needs to be returned to stock. (Fig O)**
14. Remove the 2 bolts holding the lower half of the factory air box in place. **Save for reinstallation. (Fig P)**
15. Remove the lower half of the factory air box. **Save in case vehicle needs to be returned to stock. (Fig Q)**
16. Remove the air duct support bracket from the engine. **(Fig R)**
17. Mount the Volant box into the factory position using the stock hardware. **(Fig S)**
18. Remove the factory 1/8 breather hose from the engine. **Save in case vehicle needs to be returned to stock. (Fig T)**
19. Press the supplied 1/8 x 16in breather hose onto the stock location. **(Fig U)**

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20. Remove the MAF sensor from the factory air box. **(Fig V)**
21. Attach the MAF sensor to the Volant air duct using the provided 4mm screws. **(Fig W)**
WARNING: Over tightening hardware may alter the integrity of the Volant air intake system.
22. Attach the 3.5 to 3in reducer to the throttle body with a #48 clamp using a 5/16 socket or nut driver only. **(Fig X)**
23. Slide the 4in hump hose and #64 clamps onto the filter end of the air duct and press the duct into the reducer. **(Fig Y)**
24. Slide the 4in hump hose onto the Volant filter adapter. **(Fig Z)**
25. Tighten the #56 clamp holding the air duct to the reducer using a 5/16 socket of nut driver. **(Fig AA)**
26. Tighten the 2 #64 clamps holding the hump hose to the filter adapter and air duct using a 5/16 socket or nut driver only. **(Fig BB)**
27. Attach the factory 5/8 breather hose to the 5/8 stem on the Volant air duct. **(Fig CC)**
28. Attach the 1/8 breather hose to the 1/8 NPT fitting on the Volant air duct. **(Fig DD)**
29. Plug the MAF sensor harness into the MAF sensor. **(Fig EE)**
30. Attach the 3 3/4 x 2.5in sleeve onto the RAM air port on the Volant box with a #60 clamp using a 5/16 socket or nut driver only. **(Fig FF)**
31. Press the RAM air scoop into the 3 3/4 sleeve and adjust the scoop to clear the core support cover. **(Fig GG)**
32. Tighten the scoop into place with a #60 clamp using a 5/16 socket or nut driver only. **(Fig HH)**
33. Reinstall the engine cover into the factory position. **(Fig II)**
34. Press the Pro 5 Filter #5144 onto the filter flange and tighten with a 5/16 socket or nut driver only. **(Fig JJ)**
35. Remove the protective film from the lid and attach the lid using the provided truss head screws and rubber washers. **(Fig KK)**
36. Reattach the negative battery cable and check all connections after 150, 500 and 750 miles. **(Fig LL)**

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

BEFORE ROAD TESTING

Start engine, leaving the transmission in park and securing the parking brake. Make sure to look and listen for any unusual noises or air leaks. Repair problems if needed. 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 Pro-5 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.

Installation Pictures



Fig. A



Fig. B



Fig. C



Fig. D



Fig. E

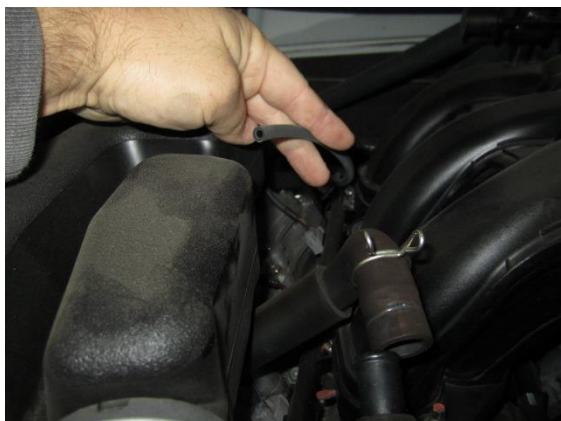


Fig. F

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Installation Pictures



Fig. G



Fig. H



Fig. I

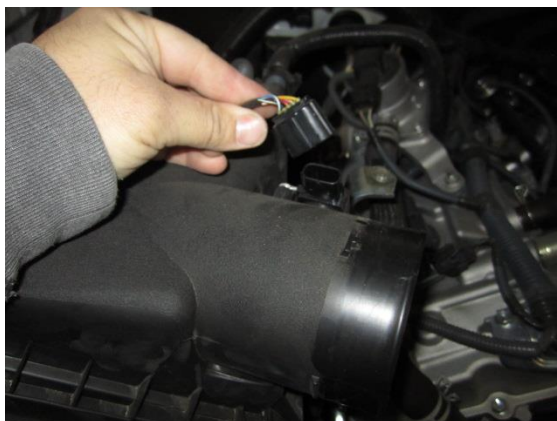


Fig. J



Fig. K



Fig. L

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Installation Pictures



Fig. M



Fig. N



Fig. O



Fig. P



Fig. Q



Fig. R

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Installation Pictures

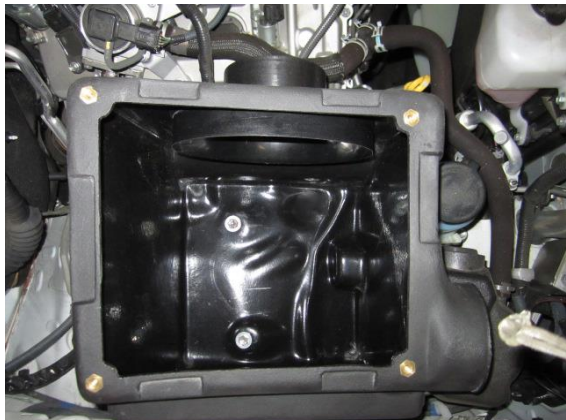


Fig. S



Fig. T



Fig. U



Fig. V



Fig. W

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Installation Pictures



Fig. X



Fig. Y



Fig. Z



Fig. AA



Fig. BB



Fig. CC

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Installation Pictures



Fig. DD



Fig. EE



Fig. FF



Fig. GG



Fig. HH



Fig. II

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Installation Pictures



Fig. JJ



Fig. KK



Fig. LL