



# IMPORTANT! WARRANTY AND INSTALLATION INSTRUCTIONS

*Please Forward All Information to Consumer*

Be sure to review the enclosed instructions prior to beginning the installation process. If you have any questions about the enclosed parts or instructions, or if you encounter a problem during installation:

**CALL TECHNICAL SUPPORT: 440.891.0999 or 800.486.0999**

**COLOR INSTRUCTIONS ARE AVAILABLE BY PART NUMBER ON:**

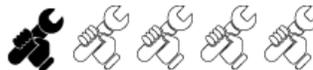
[VOLANT.COM](http://VOLANT.COM)



**NEVER work on a hot engine bay.**

**Allow time for the vehicle to cool.**

**INSTALL DIFFICULTY**



## RECOMMENDED TOOLS & SUPPLIES

- Flathead Screwdriver
- Assorted Socket-Set
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- 
- Ratchet
- Ratchet Extension
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**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 installation yourself, the use of an additional person may be required.

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

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

This warranty does not extend to damaged or defect in the finish of a product or to any product, that in the opinion of Volant Performance, has been misused, damaged by accident or negligence, altered or modified in any way, faulty installation or installed contrary to Volant installation instructions, or repaired by an unauthorized service facility.

Full warranty available on <http://www.volant.com>

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

If something is missing call Tech Support at 440.891.099 or Toll Free: 1.800.486.0999



### PREASSEMBLED MATERIALS

612009-240 – Metal Shield	1	641045-240 – Metal Air Duct	1	460641 – Ø6" x Ø4" Filter Adapter	1
5119/5160 – Filter	1				

### HARDWARE KIT

52060 - #60 Clamp	3	52064 - #64 Clamp	1	53004 – ½" Vacuum Hose	14.5"
53107 – Ø3.5" Straight Sleeve	3"	53310 – Ø3.5" x Ø4" Reducer	1	56006 – 22.5" Vinyl Trim	1
56006 – 17" Vinyl Trim	1	56006 – 14.5" Vinyl Trim	1	59012210 – 6mm x 16 Bolt	4
59012213 – 6mm x 30 Bolt	1	59020104 – ¼" Flat Washer	6	59020114 – ¼" Lock Washer	5
59061210 – 6mm Nut	1	652001 - Spacer	1	652002-240 – Shield Bracket	1
652009 – Rubber Grommet	1				

*Locate the vehicle's battery and disconnect the negative battery cable.*

*This may reset the computer and clear old air flow data to help prevent CEL errors.*

### REMOVAL INSTRUCTIONS

### FACTORY INTAKE



1. Factory intake before removal.



2. Twist off oil cap. Remove engine cover. Reinstall oil cap to keep debris from entering.



3. Loosen clamp securing factory air duct to throttle body using 5/16" socket and ratchet.



4. Disconnect wiring harness from air temperature sensor (ATS).

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### REMOVAL INSTRUCTIONS

### FACTORY INTAKE



5. Disconnect vacuum hose from factory air box and engine.



6. Remove bolt securing factory air box to vehicle using 8mm socket and ratchet.

**NOTE: SAVE BOLT FOR INSTALLATION**



7. Pull factory air duct off throttle body and lift entire factory intake up and out of vehicle.



8. Remove ATS from factory air duct.

**NOTE: SAVE ATS FOR INSTALLATION**

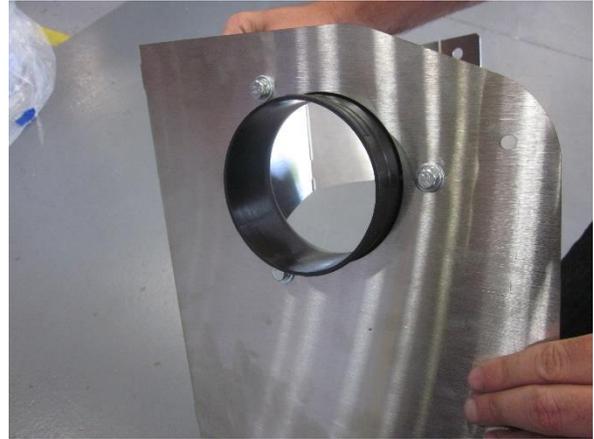
This concludes the removal of the factory intake.

**INSTALLATION INSTRUCTIONS**

**VOLANT INTAKE**



1. Install supplied rubber grommet into Volant air duct. Install factory ATS from removal step 8 into grommet.



2. Bolt filter adapter to Volant shield with three 6mm x 16 bolts, 1/4" lock washers, and 1/4" flat washers using 10mm socket and ratchet.



3. Install vinyl trim pieces to Volant shield. Add relief cuts at sharp bends to ease installation.



4. Loosely assembly bracket to shield using 6mm x 16 bolt, 1/4" lock washer, two 1/4" flat washers, and 6mm nut.

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**INSTALLATION INSTRUCTIONS**

**VOLANT INTAKE**



5. Remove bolt from inner fender using 10mm wrench.



6. Place Volant shield assembly into vehicle.



7. Place spacer between shield and inner fender and insert 6mm x 30 bolt with 1/4" lock washer and 1/4" flat washer. Tighten bolt with 10mm socket and ratchet.



8. Using 8mm socket and ratchet, attach shield bracket to factory mounting location with bolt from removal step 8.



9. Tighten shield hardware from step 4 using two 10mm wrenches.



10. Install reducer onto filter adapter along with #64 clamp placed loosely on large end and #60 clamp placed loosely on small end.

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### INSTALLATION INSTRUCTIONS

VOLANT INTAKE



11. Place straight sleeve onto end of Volant duct along with two #60 clamps placed loosely.  
**NOTE: PICTURED ELBOW HAS BEEN REPLACED BY NEW DUCT WITH STRAIGHT SLEEVE.**



12. Push Volant duct into hump hose and onto throttle body. Adjust duct as necessary and tighten all four clamps using an 8mm socket and ratchet.



13. Place filter on adapter and tighten clamp using 8mm socket and ratchet.



14. Install supplied breather hose onto Volant duct and factory location on engine.



15. Connect wiring harness to ATS.



16. Place CARB EO label in visible location under hood. Re-connect battery cable.

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

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### **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.
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### **PRO5 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 50,000 miles.

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**Reference for Replacement Filters:** Pro5 Filter Part # 5119 or DryTech 3D Filter Part # 5160