



8759 Lion Street  
 Rancho Cucamonga, CA 91730  
 (909) 476-7225 TECH SUPPORT  
 (909) 476-1491 FAX  
 www.volantperformance.com

### INSTALLATION INSTRUCTIONS PART NO. 15957

READ INSTRUCTIONS THOROUGHLY BEFORE DISASSEMBLING. DO NOT SKIP ANY STEPS. ANY QUESTIONS ON A VOLANT KIT MAY BE REFERRED TO OUR TECH SUPPORT LINE AT (909) 476-7225 OR VISIT OUR WEBSITE AT WWW.VOLANTPERFORMANCE.COM

#### TOOLS NEEDED FOR INSTALL:

1. 8MM OPEN WRENCH
2. 5.5MM OPEN WRENCH
3. 9/16 SOCKET AND RATCHET
4. 1/2" OPEN WRENCH
5. FLAT HEAD SCREWDRIVER

#### INSTALLATION:

1. Disconnect negative battery cable.
2. Remove the accordion sleeve that attaches to the air duct located on the throttle body and also on the mass flow sensor.
3. Remove wing nut located on your throttle body and the box that says Vortec. Pull the Vortec box up and towards you to remove unit completely.
4. **DO NOT DISCONNECT THE MASS FLOW SENSOR PLUG DURING THIS PROCEDURE.** Loosen the clamp on the left side of the mass flow sensor and pull it away from the elbow. Make sure that the rubber sleeve comes off the sensor before continuing. Carefully set the sensor to the side. (Dropping may damage sensor)
5. Disconnect and pull out the small air temperature sensor located on the top of the elbow nearest the stock filter box.
6. Remove the stock filter box by pulling up and away from the fender.
7. Return to throttle body and use a 5.5 MM wrench to remove the tallest bolt on the throttle body where wing nut was previously removed. Once removed, separate the two with a 5.5 MM wrench and 8 MM open wrench shown on FIG A. Reinstall bottom half of bolt only.
8. Screw 6 MM couplers halfway down on all three studs.
9. Place Volant bonnet on the throttle body pointing toward passenger side fender. Insert by hand 6 MM bolts, 1/4" lock washers and 1/4" washers thru rim around the Volant bonnet. **DO NOT OVER TIGHTEN BOLTS.**
10. Insert 1/2" X 17" vinyl trim w/sponge around the Volant filter box opening.
11. Remove the stock filter box bracket from the wheel well.

12. Lower the Volant filter box and line up openings with existing holes in your wheel well. Place 3/8" bolts and 3/8" washers in the Volant filter box and place the 3/8" washers, lock washers and nuts by hand on other side of filter box. Slide filter box back until it butts up against the fender. Now you can tighten the bolts.
13. Slide 3 1/2" X 3" sleeve and hose clamps over the Volant bonnet that is connected to throttle body, but do not tighten clamps.
14. Slide Mass flow sensor in other side of 3 1/2" X 3" sleeve. Make sure ARROW on the sensor is pointing TOWARDS the throttle body.
14. Slide the 3.5 hump hose and clamp over the mass flow sensor, but do not tighten clamps.
15. Slide the Volant air duct thru the inside of the Volant filter box and connect it to the mass flow sensor and hump hose and tighten with clamp. Connect the filter on the duct inside the Volant filter box and tighten.
16. Once the Volant system is positioned, tighten all clamps. **DO NOT OVER TIGHTEN.**
17. Cover the Volant air box with the Volant lid. Align the lid openings and fasten all four (4) 1/4"-20 truss head screws with the 1/4" rubber washers using a phillips screwdriver.
18. Insert small air temperature sensor in the Volant air duct and connect it to the wire harness.
19. Reconnect the crankcase breather hose to the Volant bonnet.
20. Make sure everything is properly connected.
21. Reconnect battery cable.

**WARNING: OVER TIGHTENING HARDWARE MAY ALTAR THE INTEGRITY OF THE VOLANT AIR INTAKE 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 for realignment and tightening of all connections.
4. Once all tests are completed, enjoy the performance of your new Volant Air Intake System.

#### CARE AND CLEANING

Check the 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 Volant's Filter Recharger Kit. Volant's Filter Recharger Kit is designed to restore original air flow. 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.

## APPLICATION GUIDE

### PART NO. 15957

MY	MAKE	MODEL	ENG.
1999-MID 2001	CADILLAC	ESCALADE	5.7L
1996-1999	GM	BLAZER	5.0L
1996-1998	GM	BLAZER	5.7L
1996-2000	GM	SUBURBAN	5.0L
1996-2000	GM	SUBURBAN	5.7L
1996-2000	GM	TAHOE	5.0L
1996-2000	GM	TAHOE	5.7L
1996-1998	GM	CHEYENNE	5.0L
1996-1998	GM	CHEYENNE	5.7L
1996-1999	GM	DENALI	5.0L
1996-1999	GM	DENALI	5.7L
1996-1998	GM	SIERRA	5.0L
1996-1998	GM	SIERRA	5.7L

RECOMMENDED SERVICE PARTS	PART NO.
VOLANT REPLACEMENT FILTER	5123
AIR FILTER CLEANER KIT	5100

