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### INSTALLATION INSTRUCTIONS PART NO. 15843

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. 5/16 NUT DRIVER OR FLATHEAD SCREW DRIVER
2. 10 MM SOCKET WITH RATCHET OR 10MM WRENCH

#### INSTALLATION:

1. Switch vehicle ignition to the off position.
2. Loosen the hose clamp located on the stock air duct near the stock filter box. Pull the stock duct off the mass flow sensor.
3. Loosen the stock rubber grommet hose clamp that connects your mass flow sensor to the stock filter box. Pull the sensor away from the filter box and set the sensor aside. **DO NOT disconnect the mass flow sensor.**
4. Remove the stock filter box by pulling straight up and away from the stock filter box mounting tray.
5. Remove the mounting tray from the chassis by loosening all 6 MM bolts with a 10 MM socket or wrench.
6. Install the Volant filter box assembly in the preexisting space of the stock filter box and mounting tray. Use the longer two (2) 6 mm stock bolts along with the provided 6 MM-25 bolts, 1/4" lock washers & 1/4" fender washers to fasten the Volant filter box to the chassis.
7. Remove the stock rubber grommet from the stock filter box and relocate it on the Volant filter box adapter. **DO NOT tighten the stock rubber grommet hose clamp.**
8. Make sure that the arrow on the sensor is pointing towards the throttle body. Insert the mass flow sensor to the stock rubber grommet and tighten the hose clamp.

9. Loosen the hose clamp on the other end of the stock air duct. Pull it off and remove the air duct from the engine compartment.
10. Place the hump hose and 56 clamps on the end of the Volant duct with the gradule bend and the 3.5 inch sleeve and 56 clamps on the other end.
11. Connect the Volant duct to the Volant filter box and the other end to the square housing 3.5 inch air inlet that says Vortec 5700 and tighten all clamps.
12. Insert the Volant ram filter in the Volant air box. Connect the ram filter to the air box adapter. Secure the ram filter with the filter clamp provided.
13. 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. Tighten all four (4) 1/4"-20 truss head screws with a phillips screwdriver.
14. Make sure everything is tightened and properly connected.

**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

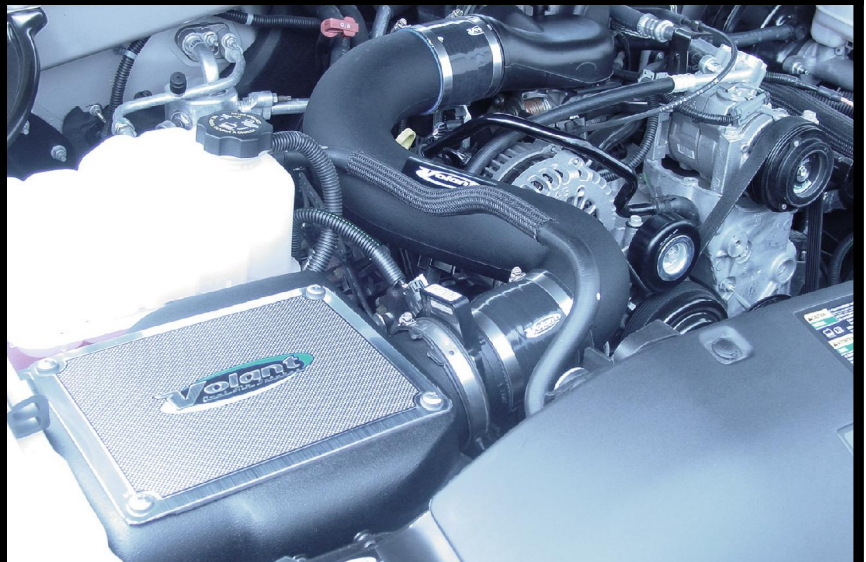
Check the cotton reusable filter periodically and remove any excessive dirt build-up by tapping the filter on the ground and brushing off the loosened dirt. Clean the filter by using Volant's Filter Recharger Kit. Volant's Filter Recharger Kit is designed to restore original air flow. Re-oil every 10,000 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. 15843

MY	MAKE	MODEL	ENG.
1999-2006	GM	SIERRA	4.3L
1999-2006	GM	SILVERADO	4.3L
2000-2006	GM	TAHOE	4.3L

RECOMMENDED SERVICE PARTS	PART NO.
VOLANT REPLACEMENT FILTER	5118
AIR FILTER CLEANER KIT	5100



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15843 PARTS LIST			
1	FILTER BOX	4	#056 CLAMPS
1	FILTER BOX LID	4	1/4"-20 TRUSS HEAD SCREWS
1	FILTER BOX ADAPTER	4	1/4" RUBBER WASHERS
1	VOLANT AIR DUCT	3	1/4"-20 BOLTS
1	RAM FILTER W/CLAMP	3	1/4" WASHERS
1	3 1/2" X 3 1/2" SLEEVE	5	1/4" LOCK WASHERS
1	3 3/4" X 3 1/2" SLEEVE	4	1/4" X 7/8" FENDER WASHERS
1		2	6 MM-25 BOLTS

