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INSTALLATION INSTRUCTIONS PART NO. 15053/15153

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. FLAT HEAD SCREWDRIVER OR 5/16 NUT DRIVER
2. 10 MM SOCKET
3. 10 MM WRENCH
4. PHILLIPS SCREWDRIVER
5. RATCHET

INSTALLATION:

1. Switch vehicle ignition to the off position.
2. Loosen the stock rubber grommet hose clamp that connects the stock intake tube to the throttle body. Pry loose the radiator hose retaining clip with a flat head screwdriver next to the fan shroud. Detach the stock intake tube along with the rubber grommet from the throttle body.
3. On the other end, loosen the hose clamp that connects the stock air duct to the mass flow sensor. Pull and remove the stock air duct from the mass flow sensor and away from the engine compartment.
4. 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.
5. Remove the stock filter box by pulling straight up and away from the stock filter box mounting tray.
6. Remove the mounting tray from the chassis by loosening all 6 mm bolts with a 10 mm socket or wrench.
7. Install the Volant adapter and gaskets to the stock mass flow sensor by placing the adapter and Volant gasket in the Volant filter box and the 2nd gasket and stock mass flow sensor through the 3 3/4" hole on the outside of the Volant filter box.
8. Fasten the sensor to the adapter using the three (3) 10/32 x 3/4" bolts with the 5/16" hex key.
9. Install the Volant filter box in the pre-existing space of the stock filter box mounting tray. Use four (4) 6 MM bolts along, four (4) 1/4" lock washers and four (4) fender washers provided to fasten the Volant filter box to the chassis.

10. Note: If you have a Make: GMC/Chevrolet Model: Tahoe/Suburban/Yukon/Escalade/SS Silverado/Avalanche/Denali the part number should be 15153 and the grommet should be provided from Volant. Apply the rubber grommet to the Volant duct on the end where it connects to the throttle body.
11. Note: If you have a Make: GMC/Chevrolet Model: Silverado/Sierra remove the stock rubber grommet from the stock air duct. Re-apply the rubber grommet to the Volant air duct on the end where it connects to the throttle body. Install the Volant air duct by connecting it to the throttle body. Do not tighten the hose clamp yet.
12. Slip on the 3 3/4" X 3 1/2" sleeve on the other end of the Volant air duct. Connect the attached 3 3/4" X 3 1/2" sleeve to the mass flow sensor. Open the #056 & #060 clamps and wrap both around the 3 3/4" X 3 1/2" sleeve. Adjust and tighten the #056 clamp, #060 clamp and the rubber grommet hose clamp located on the throttle body. Do not over tighten.
13. Insert the Volant ram filter in the Volant air box. Connect the ram filter to the Volant air box adapter. Secure the ram filter with the filter clamp provided.
14. Cover the Volant air box with the Volant lid. Align the lid and fasten all five (5) 1/4"-20 truss head screws along with the 1/4" rubber washers. Tighten all five (5) 1/4"-20 truss head screws with a Phillips screwdriver.
15. Reconnect the plug to the mass flow sensor.
16. Make sure everything is tightened and properly connected.

WARNING: OVER TIGHTENING HARDWARE MAY ALTER 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.

15053/15153 APPLICATION GUIDE

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MY	MAKE	MODEL	ENG.
1999-2006	GM	SILVERADO/SIERRA HD	4.8L
1999-2006	GM	SILVERADO/SIERRA HD	5.3L
1999-2006	GM	SILVERADO/SIERRA HD	6.0L

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MY	MAKE	MODEL	ENG.
2001-2006	GM	ESCALADE	6.0L
2001-2006	GM	ESCALADE EXT	6.0L
2003-2006	GM	ESCALADE ESV	6.0L
2001-2006	GM	AVALANCHE	6.0L
2001-2006	GM	AVALANCHE	5.3L
2000-2006	GM	DENALI	5.3L
2000-2006	GM	DENALI	6.0L
2003-2006	GM	SILVERADO SS	6.0L
1999-2006	GM	SUBURBAN	4.8L
1999-2006	GM	SUBURBAN	5.3L
1999-2006	GM	SUBURBAN	6.0L
2000-2006	GM	TAHOE	5.3L
2000-2006	GM	TAHOE	6.0L
1999-2006	GM	YUKON	5.3L
1999-2006	GM	YUKON	6.0L

