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INSTALLATION INSTRUCTIONS PART NO. 15642

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

INSTALLATION:

1. Switch vehicle ignition to the off position.
2. Remove the stock filter box cover by using a screwdriver to loosen the three screws located on the sides. Remove the stock filter box cover by pulling up and away from the engine compartment.
3. Disconnect the air temperature sensor plug located on the stock air duct. Pull the stock filter out off the stock filter box.
4. Loosen the hose clamp, which is located on the stock duct that attaches to the square resonator housing. Once loosened, pull the stock duct off and away from the engine compartment.
NOTE: 2004-06 duct has a 1" fitting. Pull the hose off the stock duct and off the valve cover.
5. Remove the air temperature sensor from the stock duct. Then reinsert the air temperature sensor back into the Volant duct. View the diagram.
6. Attach the larger end of the Volant silicone hose reducer and #056 clamps onto the Volant air duct. Install the Volant air duct with the reducer and clamps to the same position where the stock duct was connect to the resonator box. Slightly tighten both clamps down.
7. **NOTE: For 2004-06 Vehicles, use the 1" silicone breather hose and straight fitting provided to connect the Volant duct fitting to the valve cover fitting. All other earlier models, use the 1" vinyl end cap to cover the 1" elbow fitting.**

8. Install and tighten the Volant filter to the other end of the Volant air duct. Position it in the same location as the stock filter.
9. Apply the 3/4" X 8 1/2" vinyl trim w/sponge by pressing it on the front opening of the Volant filter box cover, not the opening pointing towards the headlight. (See diagram.)
10. Install the Volant filter box cover in the same location where the stock unit was removed.
11. Screw the Volant filter box cover down with the three 6 MM-16 bolts and the 1/4" X 7/8" washers provided with a 10 MM socket.
12. Connect the stock air temperature sensor plug back onto the sensor on the Volant duct.
13. Once everything is in position tighten the hose clamps on the resonator box and Volant duct. Make sure everything is tighten 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. 15642

MY	MAKE	MODEL	ENG.
2002-2006	GM	TRAILBLAZER	4.2L
2002-2006	GM	ENVOY	4.2L

RECOMMENDED SERVICE PARTS

	PART NO.
VOLANT REPLACEMENT FILTER	5113
AIR FILTER CLEANER KIT	5100
VOLANT PREFILTER	51902



VOLANT AIR INTAKE SYSTEMS

PART NO.: 15642

INSTALLATION INSTRUCTIONS

WWW.VOLANTPERFORMANCE.COM

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15642 PARTS LIST			
1	VOLANT FILTER BOX	1	3/4" X 8 1/2" RUBBER TRIM W/SPONGE
1	VOLANT AIR DUCT	1	1" X 5' SILICONE BREATHER HOSE
1	RAM FILTER W/CLAMP	1	1" ELBOW FITTING
1	3 1/2" X 3 1/4" REDUCER	1	1" STRAIGHT FITTING
2	#056 CLAMPS	1	1" VINYL END CAP
3	6 MM-16 BOLTS		
3	1/4" X 7/8" FENDER WASHER		

