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INSTALLATION INSTRUCTIONS PART NO. 16857

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 FLAT HEAD SCREWDRIVER
2. PHILLIPS HEAD SCREWDRIVER

INSTALLATION:

1. Switch vehicle ignition to the off position and disconnect negative battery cable. Note: On the 2004-05 model pull the 3/4" breather hose off the stock filter box lid.
2. Using a flat head screwdriver or 5/16 nut driver loosen both hose clamps between the resonator box with the HEMI 5.7L V8 emblem and the stock filter box. Then slide hose off stock resonator box intake and stock filter box.
3. Lift stock filter box out of engine compartment. Remove four (4) rubber grommets from underneath stock filter box. Relocate all four (4) grommets underneath new Volant filter box.
4. Apply 1/2" X 17/4" vinyl trim w/sponge around the 5" opening of the Volant filter box.
5. Align new Volant filter box over existing stock mounting posts and press down firmly.
6. Apply 4 x 3" sleeve onto the throttle body and tighten #064 hose clamp using 5/16 nut driver or flat head screwdriver.
7. Connect the Volant air duct to 4 x 3" sleeve and wrap the #064 hose clamp. **DO NOT tighten until everything is in place.**
8. Place ram filter in the Volant filter box and feed the Volant air duct through the 5" opening. Connect the Volant air duct to the ram filter w/clamp **DO NOT tighten until everything is in place.**

9. Cover Volant filter box with Volant filter box lid. Align lid opening and fasten all six (6) 1/4"-20 truss head screws with the 1/4" rubber washer. Tighten all six 1/4"-20 screws with a Phillips screwdriver.
10. For 2004-05 models, connect the 3/4" breather hose to the 3/4" elbow fitting on the Volant air duct. On 2002-03 models, attach the end cap over the 3/4" elbow fitting. Note: 2002-03 models do not have a breather hose connection.
11. Make sure everything is properly connected and all clamps are tightened.
12. Reconnect negative 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. 16857

MY	MAKE	MODEL	ENG.
2003-2005	DODGE	RAM 1500 2500 3500	5.7L

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

