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INSTALLATION INSTRUCTIONS PART NO. 15635

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. Disconnect negative battery post. Disconnect the MAF sensor clip from the MAF sensor located on the factory air duct. Remove the MAF with the 7/32 socket and then pulling it out of the air duct. Carefully set aside.
2. Loosen all four clamps from stock intake using a 5/16 nut driver or flathead screwdriver. Two are located before the resonator box at the throttle body and the other two are located on the accordion tube. Remove the accordion tube from the engine compartment.
3. Unscrew and remove the 2 bolts that hold down the square resonator box to the engine with a 10mm socket. The bolts are on the passenger side of the resonator box. Remove the square resonator box by pulling up and away from the engine compartment. Once it is removed the 1/2" hose that connects the resonator box to the valve cover must be removed as well.
4. Using a 13mm socket and ratchet wrench, remove the stock filter box by unscrewing the 2 bolts, one in front of the filter box near the headlight and the other in the back of the box near the firewall. Unscrew and remove a nut using the same 13mm socket that is between the stock filter box and the passenger inner fender. Lift the box out of the engine compartment.
5. Apply the trim sponge around the large opening of the Volant filter box. Note: Placing the Volant filter box on your lap makes it easier to install the trim sponge. Install the Volant filter box in the same location as the stock unit. There is two holes on the bottom of the Volant box. Make sure that the stock stud goes through the box and the hole lines up with the threaded mounting hole on the inner fender. Use the 3/8 washer, lock washer and stock nut on the stud and the 8mm bolt and washers for the other.

6. Insert the Volant filter with clamp in the Volant filter box and attach it to the adapter. Secure and tighten the hose clamp on the filter..
7. Reinstall the MAF sensor with the foam gasket supplied by Volant. Apply the gasket to the bottom side of the sensor and insert the sensor into the Volant duct. Be sure the sensor is installed in the same direction as the stock intake system. With the two stainless steel screws, secure the sensor onto the Volant duct with a screwdriver.
8. Mount the Volant 3.5" hump hose onto the outside of the Volant filter box and clamp it down with one of the #56 clamps provided. Mount the Volant 3.25" X 2.5" sleeve on the Volant duct opening closest to the 1/2 fitting and clamp it down with a #56 clamp provided.
9. The Volant duct will align up with the throttle body and the Volant filter box. The end with the straight sleeve mounts onto the throttle body and the end with the sensor mounts in the hump hose. Use the remaining 2 #56 Volant clamps to fasten and tighten the Volant duct. With the 1/2" breather hose provided connect the valve cover fitting to the 1/2" fitting on the Volant duct. Clip MAF sensor harness back onto the sensor and bolt the Volant filter box lid onto the Volant filter box with a Phillips screwdriver.
10. Check for any loose clamps. Reconnect the battery and start up the vehicle.

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. 15635

MY	MAKE	MODEL	ENG.
05-06	HUMMER	H3	3.5L

RECOMMENDED SERVICE PARTS

VOLANT REPLACEMENT FILTER	5113
AIR FILTER CLEANER KIT	5100
VOLANT PREFILTER	51902



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15635 PARTS LIST					
1	VOLANT FILTER BOX	1	3 1/4" X 2 1/2" SLEEVE	1	5/8" STRAIGHT FITTING
1	VOLANT FILTER BOX LID	1	8 MM X 20 BOLT	1	5/8" RUBBER GROMMET
1	VOLANT AIR FLOW DUCT	3	10/32" SOCKET HEAD SCREW	1	5/8" X 13" BREATHER HOSE
1	VOLANT ADAPTER	3	10/32" LOCK WASHER	2	SS PLASTIC SCREWS
1	RAM FILTER W/CLAMP	3	1/4" WASHER	1	SENSOR GASKET
4	#056 CLAMPS	5	1/4"-20 TRUSS HEAD SCREWS	1	19 3/4" X 3/4" VINYL TRIM
1	3 1/2" X 3' HUMP HOSE	5	1/4" RUBBER WASHERS		

