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INSTALLATION INSTRUCTIONS PART NO. 15881

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 FLAT HEAD SCREWDRIVER
2. 10 MM SOCKET WITH RATCHET OR 10 MM WRENCH
3. PHILLIPS SCREWDRIVER

INSTALLATION:

1. Switch the vehicle to the off position and disconnect negative battery cable.
2. Loosen the stock rubber grommet hose clamp that connects the stock intake tube to the throttle body. 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 air duct to the mass flow sensor. Entirely remove the stock air duct 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. **DO NOT DISCONNECT THE MASS FLOW SENSOR.**
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 filter box assembly in the preexisting space of the stock filter box and mounting tray. Use (2) 6 MM-25 bolts, (2) stock bolts, (2) 1/4" lock washers and (4) 1/4" fender washers provided to fasten the Volant filter box to the chassis.
8. Remove the stock rubber grommet from the stock filter box and relocate it on the Volant filter box adapter, but do not tighten the stock rubber grommet hose clamp.
9. 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.
10. Remove the stock rubber grommet from the stock air duct. Relocate the rubber grommet to the Volant air duct. Install the Volant air duct to the throttle body, but do not tighten the rubber

grommet hose clamp.

11. 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 two (2) #056 clamps and wrap both around the 3 3/4" X 3 1/2" sleeve. Adjust and tighten #056 clamps and the rubber grommet hose clamp.
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 filter box with the Volant filter box 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.
15. Reconnect the 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. 15881

MY	MAKE	MODEL	ENG
2001-2005	GM	AVALANCHE	8.1L
2001-2005	GM	SILVERADO 1500 2500	8.1L
2001-2005	GM	SUBURBAN	8.1L
2001-2005	GM	SIERRA 1500 2500	8.1L

RECOMMENDED SERVICE PARTS

	PART NO.
VOLANT REPLACEMENT FILTER	5117
AIR FILTER CLEANER KIT	5100
VOLANT PREFILTER	51902



VOLANT AIR INTAKE SYSTEMS

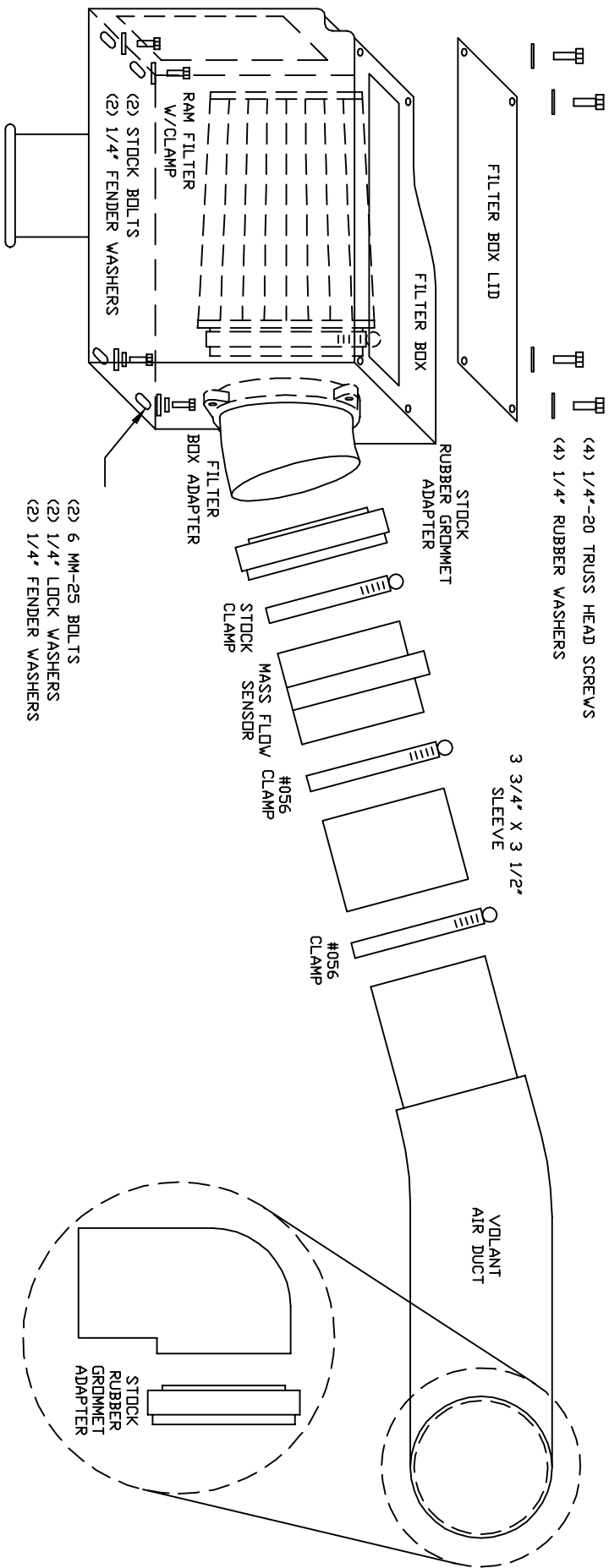
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15881 PARTS LIST					
1	VOLANT FILTER BOX	4	1/4" RUBBER WASHERS		
1	VOLANT FILTER BOX LID	3	1/4"-20 BOLTS		
1	VOLANT AIR FLOW DUCT	5	1/4" LOCK WASHERS		
1	VOLANT FILTER BOX ADAPTER	3	1/4" WASHERS		
1	RAM FILTER W/CLAMP	1	3 3/4" X 3 1/2" SLEEVE		
2	#056 CLAMPS	4	1/4" FENDER WASHER		
4	1/4"-20 TRUSS HEAD SCREWS	2	6 MM-25 BOLTS		



REMOVE THE RUBBER GROMMET ADAPTER FROM THE THROTTLE BODY, ATTACH THE ADAPTER TO THE VOLANT AIR DUCT, REATTACH THE ADAPTER ALONG WITH THE VOLANT AIR DUCT TO THE THROTTLE BODY.

