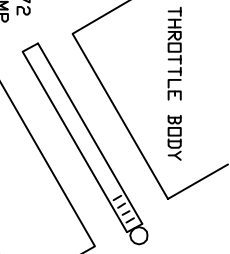


VOLANT AIR INTAKE SYSTEMS
 PART NO.: 19954
 INSTALLATION INSTRUCTIONS
 WWW.VOLANTPERFORMANCE.COM
 TECH SUPPORT: (909) 476-7225

19954 PARTS LIST					
1	VOLANT FILTER BOX	1	4 1/2" X 2 1/2" SLEEVE	1	3/4 TO 3/4 ELBOW CONNECTOR
1	VOLANT FILTER BOX LID	4	1/2"-20 BOLTS	1	16 1/2" RUBBER TRIM W/SPONGE
1	VOLANT AIR DUCT	4	1/2"-20 TRUSS HEAD SCREWS		
1	RAM FILTER W/CLAMP	4	1/4" LOCK WASHERS		
2	#056 CLAMPS	4	1/4" RUBBER WASHERS		
2	#072 CLAMPS	1	1/2" RUBBER GROMMET		
1	4" X 3 1/2" HUMP HOSE	1	3/16" GASKET		



#072 CLAMP
 4 1/2" X 2 1/2" SLEEVE

#072 CLAMP

AIR CONTROL VALVE HOSE
 BREATHER HOSE
 VALVE COVER HOSE
 AIR TEMP SENSOR

VOLANT AIR INTAKE DUCT
 4" X 3 1/2" HUMP HOSE

#056 CLAMP

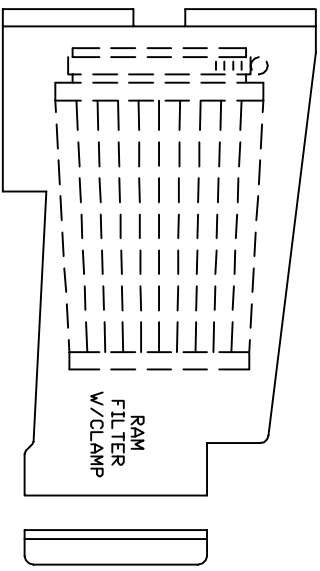
#056 CLAMP

MASS FLOW SENSOR
 (4) LOCK WASHERS
 (4) 1/4"-20 BOLTS

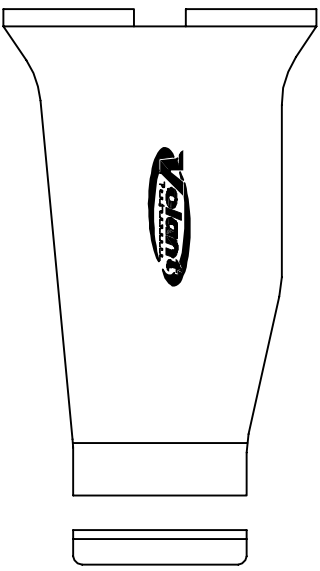
FILTER BOX LID

3/16" GASKET

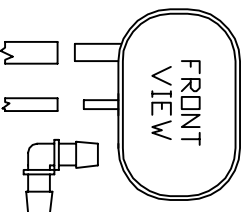
(4) 1/4" RUBBER WASHERS
 (4) 1/4"-20 TRUSS HEAD SCREWS



SIDE VIEW



TOP VIEW



SIDE VIEW



Volant Performance
 Rancho Cucamonga, CA 91730
 (909) 481-3888 Tech Support
 (909) 476-1491 Fax
 www.volant.com

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) 481-3888 OR VISIT OUR WEBSITE AT WWW.VOLANT.COM

INSTALLATION INSTRUCTIONS PART NO. 19954

Installation Instructions:

1. Disconnect the negative battery cable.
2. Loosen the clamps holding the duct to the blower and MAF sensor.
3. Remove the three lines from the air duct.
4. Remove the factory air duct.
5. Remove the MAF sensor and ATS sensor from the factory air box.
6. Remove the factory air box by pulling straight up.
7. Place the supplied trim sponge onto the volant box.
8. Place the box into factory position.
9. Attach the MAF sensor to the filter box lid and tighten with the hardware provided.
10. Attach the hump hose to the MAF and tighten the clamp. Attach the sleeve to the blower and tighten the clamp.
11. Press the volant duct into the hump hose and the sleeve and tighten the clamps.
12. Attach the breather hoses and ATS sensor to the duct.
13. Reattach 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.

RECOMMENDED SERVICE PARTS

RECOMMENDED SERVICE PARTS	PART NO.
REPLACEMENT FILTER	5117
PREFILTER	51902
CLEANING KIT	5100

APPLICATION GUIDE

MY	MAKE	MODEL	ENG.
99-MID01	FORD	LIGHTNING	5.4L

INSTALL

