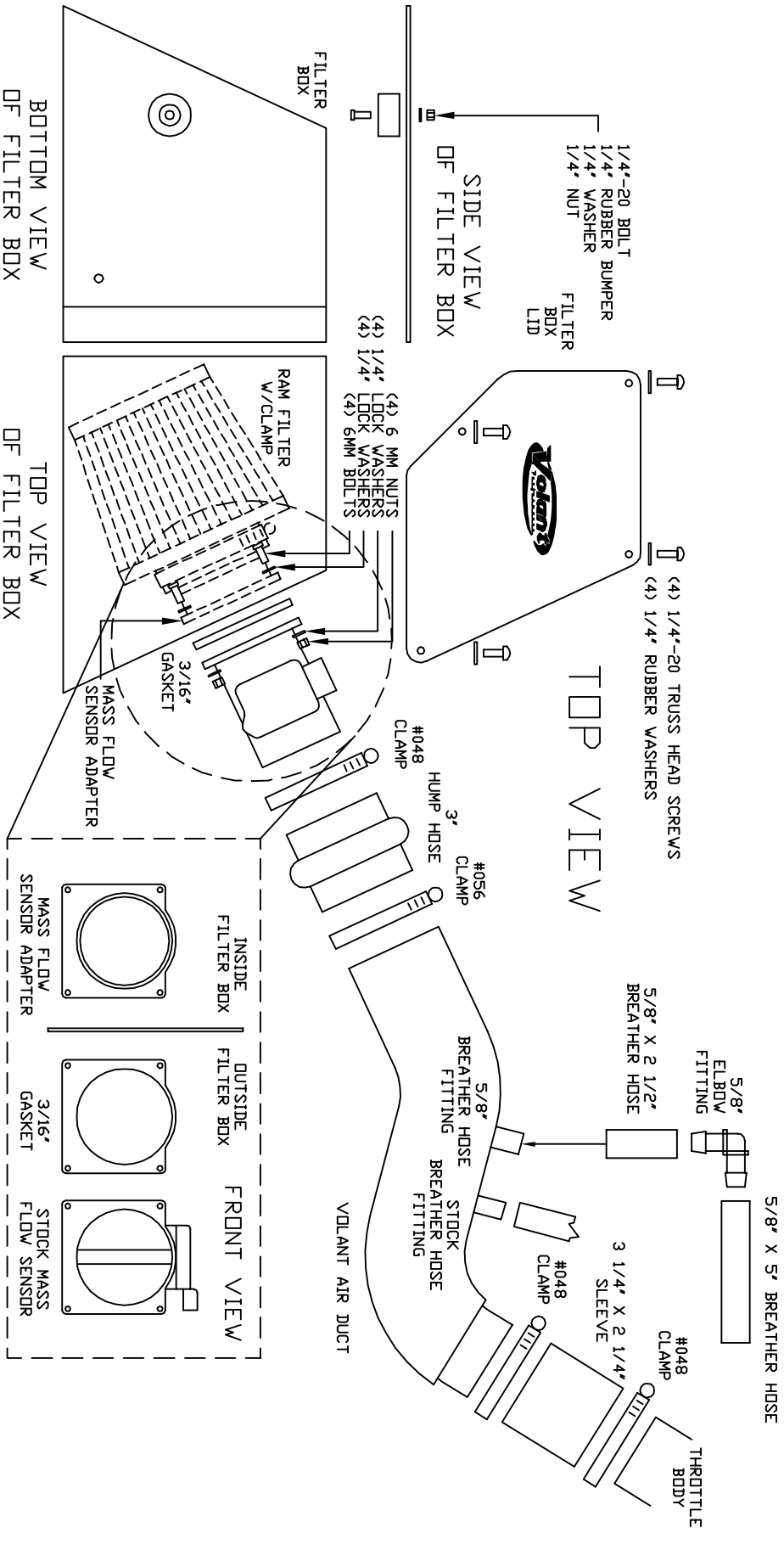


VOLANT COOL AIR INTAKES
 PART NO.: 19640
 INSTALLATION INSTRUCTIONS
 WWW.VOLANT.COM
 TECH SUPPORT: (909) 481-3888



19640 PARTS LIST

1	FILTER BOX	1	3 1/2" HUMPH HOSE	1	3/16" GASKET
1	FILTER BOX LID	4	6 MM BOLTS	1	5/8" ELBOW FITTING
1	VOLANT AIR DUCT	4	6 MM NUTS	1	5/8" X 2 1/2" BREATHER HOSE
1	RAM FILTER W/CLAMP	8	1/4" LOCK WASHERS	1	5/8" X 5' BREATHER HOSE
3	#048 CLAMPS	4	1/4"-20 TRUSS HEAD SCREWS		
1	#056 CLAMPS	4	1/4" RUBBER WASHERS		
1	3 1/4" X 2 1/4" SLEEVE	1	MASS FLOW SENSOR ADAPTER		



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. 19640

Installation Instructions:

1. Disconnect the negative battery cable.
2. Remove the throttle body cover.
3. Remove the breather hoses from the air duct and the motor. Then loosen the clamps holding the duct to the throttle body and MAF sensor, Remove the duct.
4. Remove the MAF sensor from the factory air box.
5. Pull up on the factory air box and remove it.
6. Place the volant box in the factory position.
7. Attach the MAF sensor to the filter adapter using the supplied hardware and gasket.
8. Attach the hump hose to the MAF sensor and tighten the clamp.
9. Attach the sleeve to the throttle body and tighten the clamp.
10. Press the duct into the hump hose and sleeve and tighten the clamps.
11. Attach the breather hoses to the motor and volant air duct.
12. Attach the ram filter and lid.
13. Re install the throttle body cover and 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 BATTERY CABLE	5113
PREFILTER	51901
CLEANING KIT	5100

APPLICATION GUIDE

MY	MAKE	MODEL	ENG.
98-00	FORD	RANGER	4.0L
98-00	FORD	SPORT TRAC	4.0L

INSTALL

