



9400 7TH ST. UNIT C-1
Rancho Cucamonga, CA 91730
(909) 476-7225 TECH SUPPORT
(909) 476-1491 FAX
www.volantperformance.com

PART NO. 16852

MAKE	MODEL	YEAR	LITER
DODGE	DURANGO	97-99	3.9/5.2

ACCESSORIES:

	PART NO.
VOLANT REPLACEMENT FILTER	5113
AIR FILTER CLEANER KIT	5100
VOLANT PREFILTER	51901

INSTALLATION INSTRUCTIONS PART NO. 16852

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 FLATHEAD SCREWDRIVER
2. 7/16 SOCKET OR OPEN WRENCH
3. 10 MM SOCKET OR OPEN WRENCH
4. PHILLIPS SCREWDRIVER

INSTALLATION:

1. Loosen and remove the nut on the stock bonnet.
2. Unclip the top of the stock filter box and disconnect the crank case breather hose from the bonnet. Remove bonnet and filter box lid from the engine compartment.
3. Loosen and remove the 6 MM nuts with a 10 MM socket and ratchet that holds the bottom half of the stock filter box down on the outside.
4. Pry the push clip of the duct by the front headlight and pull the filter box up and away from the studs.
5. Remove throttle body gasket off the throttle body.
6. Install the Volant filter box in the preexisting location of the stock box. Attach the Volant filter box to the side fender well with a 1/4"-20 bolt, 1/4" lock washer and 1/4" nuts.
7. Attach one end of the Volant bracket underneath the 4" round opening on the backside of the Volant filter box and the other end to the fender well stock stud with the hardware provided.

8. Unscrew the stock nut that holds the stock stud to the throttle body. Place the 1/4" washer on the stud and screw the nut back to stiffen the stud.
9. Connect the Volant long bracket to the Volant air duct 1/4"-20 bolt, 1/4" lock washer and 1/4" lock washer provided. (See diagram.).
10. Install the Volant rubber gasket and place the Volant air duct on the throttle body. Fasten the Volant air duct down with the 1/4" knurled nut, 1/4" fender washer, 1/4" rubber fender washer provided
11. Connect the other end of the Volant long bracket to the valve cover stud furthest from the firewall on the passenger side with the 1/4" nut and 1/4" washers provided. (See diagram.).
12. Reconnect stock crank case breather hose to the Volant air duct.
13. Apply the filter clamp on the duct before installing the filter. Insert the Volant ram filter throw the 4" opening and clamp the filter on the outside of the box.
14. Cover the Volant filter box with the Volant filter box lid. Align the lid and fasten all five (5) 1/4"-20 truss head screws along with the 1/4" rubber washers. Tighten all five (5) 1/4"-20 truss head screws with a phillips screwdriver.
15. Make sure everything is properly connected and clamps are all tightened.
16. Reconnect negative battery cable.
17. Place the C.A.R.B. label on or near the Volant system in the engine compartment.

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.

16852 INSTALLATION

List of component parts (please confirm that you have all parts before starting the installation)

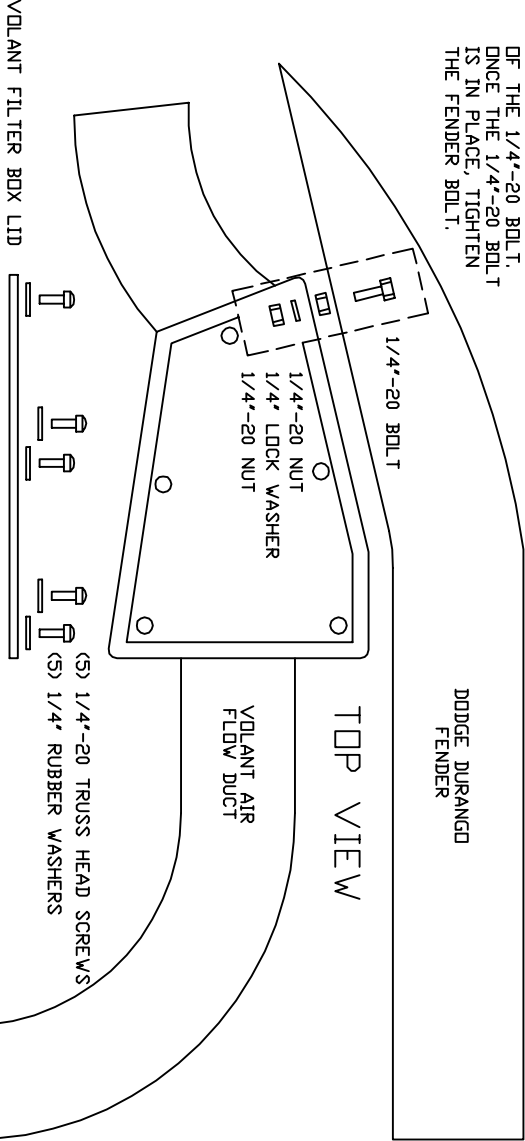
- 1 VOLANT FILTER BOX
- 1 VOLANT FILTER BOX LID
- 1 VOLANT AIR DUCT
- 1 RAM FILTER W/CLAMP
- 3 1/4"-20 BOLTS
- 5 1/4" TRUSS HEAD SCREWS
- 3 1/4" NUTS
- 1 6 MM NUT
- 5 1/4" WASHERS
- 5 1/4" LOCK WASHERS
- 1 1/4" FENDER WASHERS
- 5 1/4" RUBBER WASHER
- 1 1/4" X 2" RUBBER FENDER WASHER
- 1 1/4" KNURLED NUT
- 1 BR16852 BRACKET
- 1 BR29630 BRACKET
- 1 5" DODGE FOAM GASKET



VOLANT AIR INTAKE SYSTEMS
PART NO.: 16852
INSTALLATION INSTRUCTIONS
WWW.VOLANTPERFORMANCE.COM
TECH SUPPORT: (909) 476-7225

16852 PARTS LIST			
1	VOLANT FILTER BOX	1	6 MM NUT
1	VOLANT FILTER BOX LID	5	1/4" WASHERS
1	VOLANT AIR DUCT	5	1/4" LOCK WASHERS
1	RAM FILTER W/CLAMP	1	1/4" FENDER WASHER
3	1/4"-20 BOLTS	5	1/4" RUBBER WASHER
5	1/4"-20 TRUSS HEAD SCREWS	1	1/4" RUBBER FENDER WASHER
3	1/4"-20 NUTS	1	1/4" KNURLED NUT

NOTE: LOOSEN THE LAST FENDER BOLT TO ENSURE PROPER FITTING OF THE 1/4"-20 BOLT. ONCE THE 1/4"-20 BOLT IS IN PLACE, TIGHTEN THE FENDER BOLT.



SIDE VIEW
OF AIR
FLOW TUBE

