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INSTALLATION INSTRUCTIONS PART NO. 18047

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. 10 MM SOCKET
3. RATCHET WRENCH
4. PHILLIPS HEAD SCREWDRIVER
5. 5/16 NUT DRIVER OR FLATHEAD SCREWDRIVER

INSTALLATION:

1. Remove engine cover with a 10 MM socket or 10 MM wrench.
2. Remove AC line clamp from factory duct with a 10 MM socket or 10 MM wrench.
3. Disconnect the three breather hoses from the factory duct by gently pulling them off.
4. Remove the mass airflow sensor with Phillips screwdriver and set the sensor carefully aside.
5. Loosen both clamps on the factory air duct with a 10 MM socket and pull the duct off and away from the throttle body and the stock filter box.
6. Unclip the lid for the factory filter box and remove.
7. Loosen and remove the three 10 MM bolts holding down factory filter box to the fender well with a 10 MM socket. You may need a socket extension to unscrew the bolt near the front headlight. Lift the filter box up and out of the engine compartment.
8. Attach the longer end of the Volant bracket to the far right factory filter box mounting hole with 6 MM bolt, lock washer and washer using a 10 MM socket or wrench.
9. Before installing the Volant filter box, you may need to adjust a small tab located in the inner fender well near the AC line in order for the Volant box to sit flat.
10. Install Volant trim sponge around the Volant filter box where it will sit against the inner fender. Note: Place the Volant filter box on your lap while doing this step. Some trimming may be needed
11. Place Volant filter box in factory location.
12. Attach Volant bracket to the Volant filter box using a 6 MM bolt, lock washer, washer and 6 MM nut with a 10 MM socket and wrench.

13. Attach the 3 1/2" X 2 1/2" Sleeve to the 90 degree bend of the Volant duct with a #056 clamp. Tighten the clamp with 5/16" nut driver or flathead screwdriver.
14. Remove the clamp from the Volant filter. Place the Volant filter in the Volant filter box and push the open end through the 4" hole in the Volant filter box. Place clamp back on the Volant filter and attach the Volant duct to filter with clamp on the outside of Volant filter box.
15. Attach open end of 3 1/2" X 2 1/2" Sleeve with the Volant duct to throttle body with a #056 clamp. Tighten the clamp with 5/16 nut driver or flathead screwdriver.
16. Attach same AC line bracket back onto the Volant duct with factory bolt. Tighten bolt with a 10 MM socket or wrench
17. Reinstall the factory mass airflow sensor into the Volant duct using the same factory screws.
18. Reconnect the three factory hoses to the Volant duct.
19. Connect the smog pump hose to the 1/4" fitting. Connect the stock vacuum hose using the 1/8" straight fitting and 1/8" X 9" hose provided. Connect the crank case breather hose using the 1/2" X 5/8" straight fitting and the 1/2" X 10" hose provided.
20. Install the Volant lid along with the four 1/4"-20 truss head screws and rubber washers using a Phillips screwdriver.
21. Reinstall the engine cover with the 10 MM socket and wrench.
22. Make sure everything is tightened and properly connected.

WARNING: OVER TIGHTENING HARDWARE MAY ALTER 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. 18047

MY	MAKE	MODEL	ENG
2004-2005	TOYOTA	TUNDRA	4.7L

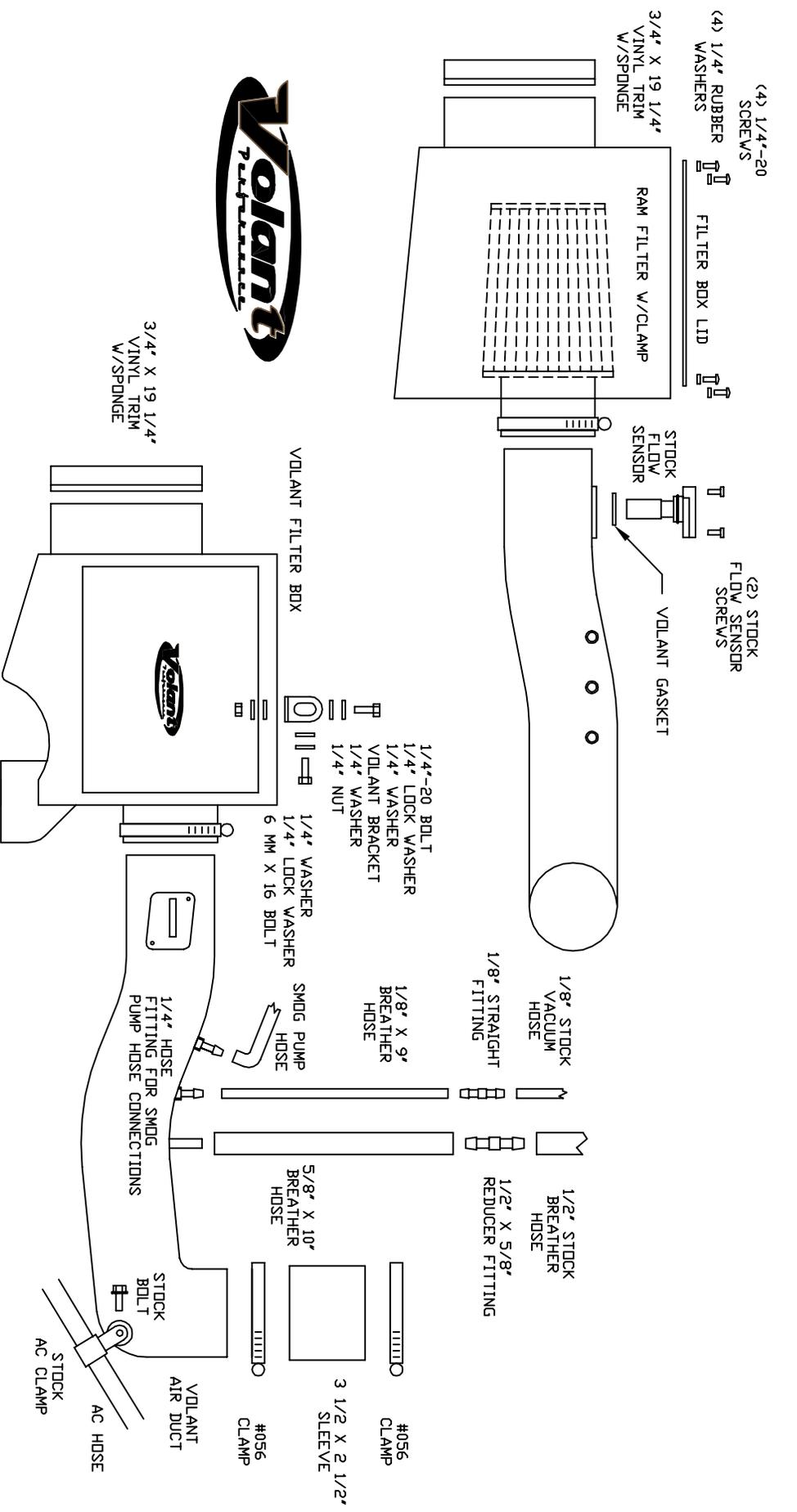
RECOMMENDED SERVICE PARTS	PART NO.
VOLANT REPLACEMENT FILTER	5124
AIR FILTER CLEANER KIT	5100
VOLANT PREFILTER	51902



VOLANT AIR INTAKE SYSTEMS
 PART NO.: 18047 2005
 INSTALLATION INSTRUCTIONS
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18047 PARTS LIST

1	VOLANT FILTER BOX	3	1/4" WASHERS	1	1/8" X 3/8" NPT FITTING
1	VOLANT FILTER BOX LID	2	1/4" LOCK WASHER	1	1/4" X 3/8 NPT FITTING
1	VOLANT AIR FLOW DUCT	1	1/4" NUT	1	5/8" X 10" BREATHHER HOSE
1	RAM FILTER W/CLAMP	4	1/4"-20 TRUSS HEAD SCREWS	1	1/8" X 9" BREATHHER HOSE
1	3 1/2 X 2 1/2" SLEEVE	4	1/4" RUBBER WASHERS	1	3/4" X 19 1/4" VINYL TRIM
2	#056 CLAMP	1	1/2" X 5/8" REDUCER FITTING	1	VOLANT GASKET
1	1/4"-20 BOLT	1	1/8" STRAIGHT FITTING	1	VOLANT BRACKET



3/4" X 19 1/4"
VINYL TRIM
W/SPONGE

STOCK
AC CLAMP

STOCK
AC HOSE

VOLANT
AIR DUCT

STOCK
BOLT

#056
CLAMP

3 1/2 X 2 1/2"
SLEEVE

5/8" X 10"
BREATHHER
HOSE

1/4" X 9"
BREATHHER
HOSE

1/4" WASHER

1/4" LOCK WASHER

1/4" NUT

VOLANT BRACKET

1/4" WASHER

1/4" LOCK WASHER

6 MM X 16 BOLT

SMOG PUMP
HOSE

1/4" HOSE
FITTING FOR SMOG
PUMP HOSE CONNECTIONS

VOLANT FILTER BOX