



## Volant Cool Air Intakes

Install Instructions for 18540, 185406, 38240 and 382406

2012-2013 Toyota Tacoma 4.0L

### Removing the factory intake system

1. Disconnect the negative battery cable.
2. Remove the 2 – 10mm bolts holding the engine cover in place than remove the cover.
3. Loosen the clamp holding the air box to the throttle body.
4. Loosen the air duct to the air box, Pull the ducting off of the air box.
5. Unclip the air box and remove the filter and air box half.
6. Remove the MAF sensor and harness from the air box.
7. Remove the 1/8<sup>th</sup> and 5/8<sup>th</sup> breather hose for the air box.
8. Remove the air box mounting bolts than remove the air box.
9. Remove the pump from the mounting tray than remove the rubber mounts.
10. Remove the pump mounting tray.
11. Remove the bolts holding the air duct in place and remove the duct.

### Installing the Volant Cool Air Intake

1. Press the rubber pump mounts into the Volant air box than mount the pump onto the Volant box as shown in the photo below.



2. Mount the Volant box onto the wheel well using the factory bolts.
3. Connect the factory pump line with the supplied elbow fitting and breather hose. Attach the harness



4. Attach the hump hose to the Volant filter box and tighten with a #64 clamp.
5. Attach the 3 ½ to 3in reducer to the Volant duct and tighten with a #56 clamp.
6. Press the duct into the hump hose and onto the throttle body and tighten with the remaining clamps.
7. Remove the factory o-ring from the MAF sensor and replace it with the supplied o-ring
8. Attach the sensor onto the duct with the gasket and screws provided.



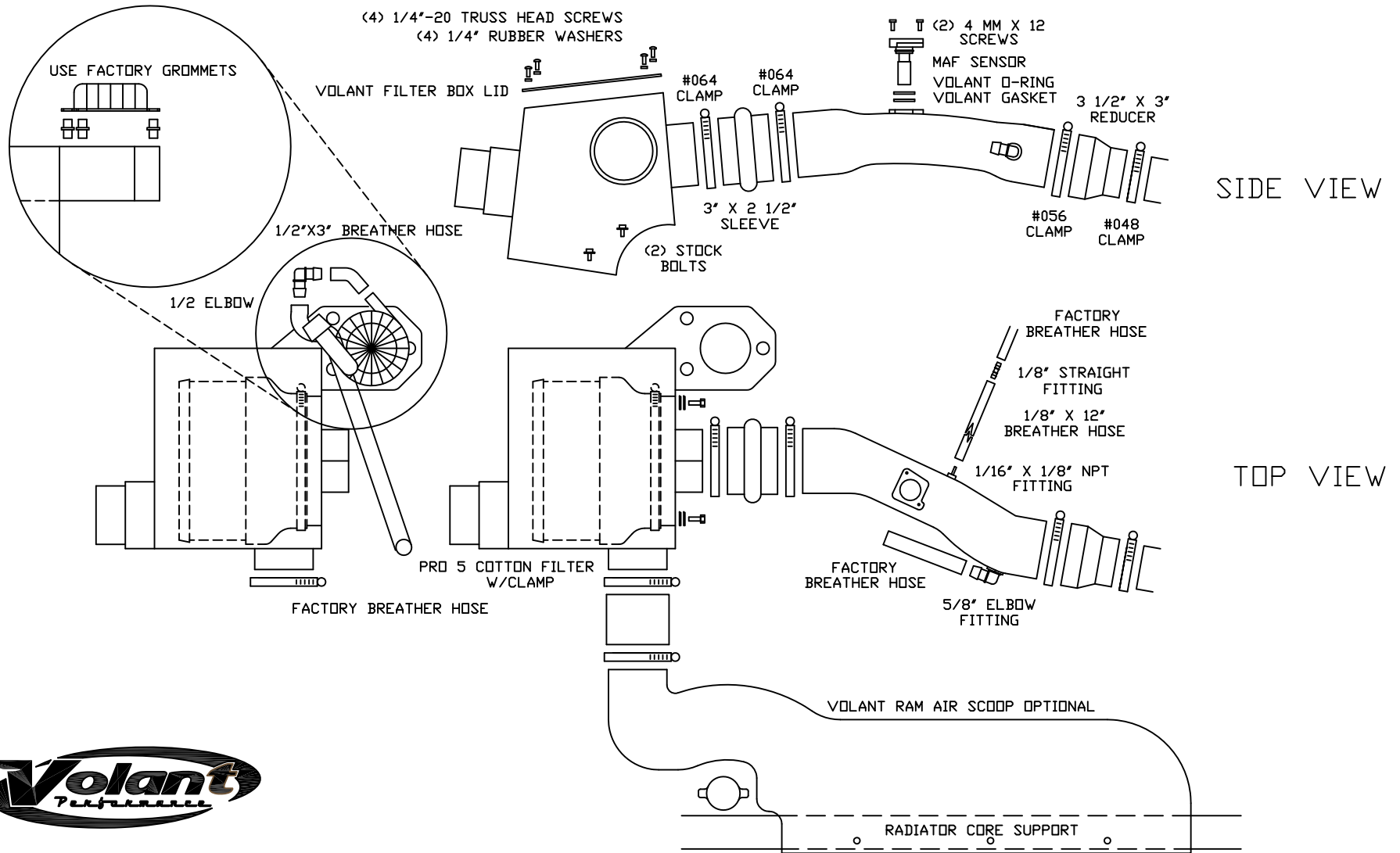
9. Press the factory 5/8 breather hose onto the elbow fitting.
10. Press the 1/8 x 12 breather hose to the duct and attach to the factory line with the supplied fitting.
11. Install the supplied filter and air box lid.
12. Reattach the negative battery cable and engine cover.

### **Installing the Volant Ram Scoop**

1. Attach the 3 ½ x 3 sleeve onto the Volant box and tighten with a #56 clamp.
2. Remove the pins from the radiator shroud than remove the shroud.
3. Attach the scoop to the core support using the factory pins
4. Attach the scoop to the sleeve with a #56 clamp.

VOLANT COOL AIR INTAKES  
 PART NO.: 185406  
 INSTALLATION INSTRUCTIONS

185406 PARTS LIST		1	4' X 3' HUMP HOSE	2	1/4" X 11/16" WASHER
1	VOLANT FILTER BOX	1	3 1/2" X 3" REDUCER	2	4MM X 12 SCREWS
1	VOLANT DUCT	2	5/8" ELBOW FITTINGS	4	TRUSS HEAD SCREWS
1	VOLANT ADAPTER	1	1/8" ELBOW FITTING	4	1/4" RUBBER WASHERS
1	POWERCORE FILTER W/CLAMP	1	1/8" NPT FITTING	1	5/8" RUBBER GROMMET
1	VOLANT FILTER BOX LID	2	1/4"-20 BOLTS	1	5/8" X 3" BREATHER HOSE
1	#048 CLAMPS	2	6 MM X 16 BOLTS	1	MAF GASKET
1	#056 CLAMPS	4	1/4" LOCK WASHERS	1	VOLANT O-RING
2	#064 CLAMPS	2	1/4" WASHERS		



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