



IMPORTANT WARRANTY & INSTALLATION  
INSTRUCTIONS ATTACHED



Please be sure to review the enclosed instructions prior to beginning the installation process.



Closed Box Air Intake System  
07-15 Toyota Tundra/Sequoia 5.7L  
10-15 Toyota Tundra/Sequoia 4.6L  
PN 18857

Please take time to read and understand these installation instructions.

Volant recommends that the installation of this system be performed by a qualified service center or professional installer who has the necessary equipment, tools and experienced personnel. However, if you decide to perform this install the use of an additional person may be required.

**CAUTION:** Never work on a hot engine bay. Allow time for the vehicle to cool.

### Recommended Tools:

- Flathead Screwdriver
- Assorted Socket-Set
- Ratchet
- Ratchet Extension

Please confirm that all parts are present before beginning the installation.

Bill of Materials							
1	Plastic air box	1	#56 Clamp	1	#64 Clamp	3	1/2 Vacuum Hose
1	Plastic air duct	1	3.5 x 4in Reducer	1	MAF Gasket	1	Fender gasket
1	Air box lid	1	Lid gasket	1	Air duct gasket	1	6mm x 25 Bolt
1	1/4 x 7/8 Washer	6	#10 Washer	1	1/4 Lock washer	1	1/2 Straight fitting
2	6mm Set screws	2	4mm x 12 Sensor screws	6	10/32 Truss screws	2	6mm Couplers
5	Truss heads screws	5	Rubber washers	1	.125 NPT fitting	1	PowerCore filter





## Installation Instructions:

1. Before you begin the install you must disconnect the negative battery cable. Failure to disconnect the battery may cause a check engine light or damage to your engine.
2. Remove the engine cover by pulling up and out. **(Fig A)**
3. Disconnect the MAF sensor harness from the MAF sensor. **(Fig B)**
4. Remove the 1/2 breather hose from the factory air duct. **(Fig C)**
5. Remove the 1/8 breather hose from the factory air duct. **(Fig D)**
6. Remove the MAF harness from the factory air box. **(Fig E)**
7. Loosen the clamp holding the duct to the air box. **(Fig F)**
8. Loosen the clamp holding the duct to the throttle body. **(Fig G)**
9. Remove the factory air duct. **(Fig H)**
10. Loosen the bolt in front of the factory air box. **(Fig I)**
11. Loosen the bolt behind of the factory air box. **(Fig J)**
12. Remove the factory air box. **(Fig K)**
13. Remove the paper backing from the fender gasket and press it onto the Volant box. **(Fig L)**
14. Remove the paper backing from the air duct gasket and press it onto the Volant box. **(Fig M)**
15. Attach the Volant duct to the Volant box using the 6 - #10 washers and truss head screws. **(Fig N)**
16. Slide the reducer and clamps onto the Volant duct. **(Fig O)**
17. Place the Volant CAI into the factory position. **(Fig P)**
18. Tighten the box into place using the provided 6mm x 25 bolt lock washer and washer. **(Fig Q)**
19. Press the 3in breather hose onto the Volant duct. **(Fig R)**
20. Press the coupler into the 1/2 breather hose. **(Fig S)**
21. Press the factory breather hose onto the 1/2 coupler. **(Fig T)**



22. Press the factory 1/8 breather hose onto the 1/8 npt fitting on the Volant duct. **(Fig U)**
23. Tighten the reducer onto the throttle body using a 5/16 socket or nut driver only. **(Fig V)**
24. Tighten the reducer onto the Volant duct using a 5/16 socket or nut driver only. **(Fig W)**
25. Tighten the 61508 PowerCore filter into place using a 5/16 socket or nut driver only. **(Fig X)**
26. Remove the protective film from the lid and tighten using the hardware provided. **(Fig Y)**
27. Remove the factory MAF sensor from the factory air box. **(Fig Z)**
28. Remove the factory MAF sensor gasket from the MAF sensor. **(Fig AA)**
29. Attach the Volant gasket to the factory MAF sensor. **(Fig BB)**
30. Attach the MAF sensor to the Volant duct using the hardware provided. **(Fig CC)**
31. Attach the OEM sensor harness to the MAF sensor. **(Fig DD)**
32. Remove the 2 factory ball studs from the intake manifold using a 10mm wrench. **(Fig EE)**
33. Thread in the provided all thread into the factory inserts on the manifold. **(Fig FF)**
34. Thread in the 6mm coupler onto the all thread. **(Fig GG)**
35. Thread the factory ball stud onto the 6mm Coupler **(Fig HH)**
36. Attach the engine cover onto the ball studs and adjust as necessary. **(Fig II)**
37. Reattach the negative battery cable and retighten the clamps after 150, 500 and 1000 miles. **(Fig JJ)**

**INSTALLATION PHOTOS ON NEXT PAGE** 

## Installation Pictures



Fig. A



Fig. B



Fig. C



Fig. D



Fig. E



Fig. F

CONTINUED ON NEXT PAGE



## Installation Pictures



Fig. G



Fig. H



Fig. I



Fig. J



Fig. K



Fig. L

CONTINUED ON NEXT PAGE



## Installation Pictures



Fig. M



Fig. N



Fig. O



Fig. P



Fig. Q



Fig. R

**CONTINUED ON NEXT PAGE**



Installation Pictures



Fig. S



Fig. T



Fig. U



Fig. V



Fig. W



Fig. X

CONTINUED ON NEXT PAGE





## Installation Pictures



Fig. Y



Fig. Z



Fig. AA



Fig. BB



Fig. CC



Fig. DD

CONTINUED ON NEXT PAGE



Installation Pictures



Fig. EE



Fig. FF



Fig. GG



Fig. HH



Fig. II



Fig. JJ