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INSTALLATION INSTRUCTIONS PART NO. 12856

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. 8MM SOCKET
3. WRATCHET WRENCH
4. FLAT HEAD SCREWDRIVER

INSTALLATION:

1. Disconnect the mass flow sensor plug located on the lid of the stock filter box. Press and pull the clip off the sensor.
2. Remove the two 8mm bolts holding the engine cover down with the 8mm socket and wrench and remove it away from the engine compartment.
3. Remove the stock intake duct by disconnecting the two breather hoses from factory duct then loosen the hose clamps on throttle body and filter box.. Pull the stock air duct off and away from the engine compartment.
6. Remove the stock filter box lid and filter .Unscrew the 8mm bolt located on the outside of the filter box that attaches to the fender well. Lift box straight up and away from the two rubber grommet underneath the filter box.
8. Once filter box is completely removed from the engine compartment. Clean the area on fender well where the factory box sat.
9. Remove the two factory mounting bolts from fender well that held the stock filter box down.
10. Place rectangular neoprene sponge onto fender well. (Make note of where mounting hole are)
11. Make a small hole on the sponge where the bolt hole is located.
12. Apply trim sponge to the Volant filter box oval opening. Press on a little at a time, you may need to hold it in your lap while doing this.
13. Place the Volant filter box down onto fender well. Screw the 8mm bolt by hand into the top mounting hole in the inside of the Volant filter box. Pull the box towards the fender well opening until the trim sponge touches fender and tighten 8mm bolt firmly.
14. Remove the mass flow sensor from factory filter box lid by unscrewing the two small screws and pulling the cartridge out. Remove the small o ring located on the top of the shaft. Before reinstalling the mass flow sensor to the Volant duct make sure that

- the arrow on the sensor points towards the throttle body (in the direction of the air flow).
15. Place the Volant sensor gasket on the stock mass flow sensor. Insert the sensor into the Volant duct. Screw the sensor down using the two stainless steel screws provided.
16. Apply the larger end of the Volant reducer to the Volant duct with the end that has the 90 degree bend.
17. Slide both clamps on the the Volant reducer and duct. Then attach the silicone sleeve and duct to the throttle body. Slide the clamps over the throttle body and the Volant duct and slightly tighten the clamps. You may need to manuever the duct before you completely tighten the clamps
18. Now remove clamp from filter and hang on distal end of Volant duct.
19. Pass the Volant filter threw the Volant filter box and place mouth of filter on duct. Gently wiggle the filter back and forth to place it on duct. Stand on driver side for this.
20. Bring the filter clamp down and tighten filter to duct.
21. Cover the Volant filter box with the Volant filter box lid and the 4 stainless steel screws provided.
22. Plug the mass flow sensor plug back onto the mass flow sensor located now on the Volant duct.
23. Reconnect the two breather hoses to the Volant duct using the 5/8 straight fittings and hoses provided. Tighten the hose clamps on the throttle body and the Volant duct. Reinstall the engine cover using the same hardware.
24. Make sure everything is tightened and properly connected.

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.

APPLICATION GUIDE

PART NO. 12856

| MY | MAKE | MODEL | ENG |
|-----------|--------|--------|------|
| 2004-2006 | NISSAN | TITAN | 5.6L |
| 2004-2006 | NISSAN | ARMADA | 5.6L |

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

