

SPECTRE®

Performance

INTAKE INSTALLATION INSTRUCTIONS

P/N: 9081

Year / Make / Model / Engine

2013-17 Nissan Altima 2.5L



PARTS LIST:

- 1- Intake tube
- 1- Heat shield
- 1- Fresh Air Inlet Scoop
- 1- Air filter
- 1- Calibration Sleeve
- 1- 3"X 2.75" Coupler
- 1- 50" Edge Trim
- 1- 12" PCV Hose
- 2- M6 Bolt 12mm
- 3- M6 Nylock Nut
- 2- M4 Screws
- 5- M6 washers
- 1- Twist Bracket
- 1- #44 Hose Clamp
- 2- #48 Hose Clamp
- 2- Mount Plastic Nylon
- 1- Mount Rubber 1"X 1"
- 1- Mount Rubber .625"X 1"
- 2- #10 Mini Hose Clamp

TOOLS REQUIRED:

- Philips screwdriver
- Flat blade screwdriver
- 10mm socket
- Ratchet
- Extension
- 10mm wrench
- 3mm allen
- Pliers
- 12mm Socket

TO START:

1. Safety first! Before you begin the installation, make sure that the vehicle is in park (or neutral for a manual transmission) with the parking brake set. Disconnect the negative battery terminal and verify that all components that are listed are present.

NOTE: This kit was designed and tested on a stock engine without any custom tuning done to the engine computer. Removing the battery cable may erase the programmed radio stations. The anti-theft code will need to be entered into some radios after the battery cable is connected. The anti-theft code can typically be found in the owner's manual or at your local dealership.



2. Remove the three bolts securing engine cover and remove cover.



3. Remove the eight plastic clips securing radiator cover by lifting center of clip. After removing all clips lift cover off. Save for a later step



4. Remove the two bolts securing air intake duct and remove duct. This will be reinstalled in a later step.



5. Disconnect MAF sensor connector by raising safety tab and push down. Release harness clips from air box. Loosen air boot hose clamp.



6. Remove bolt on right side of air box then remove air box from vehicle.

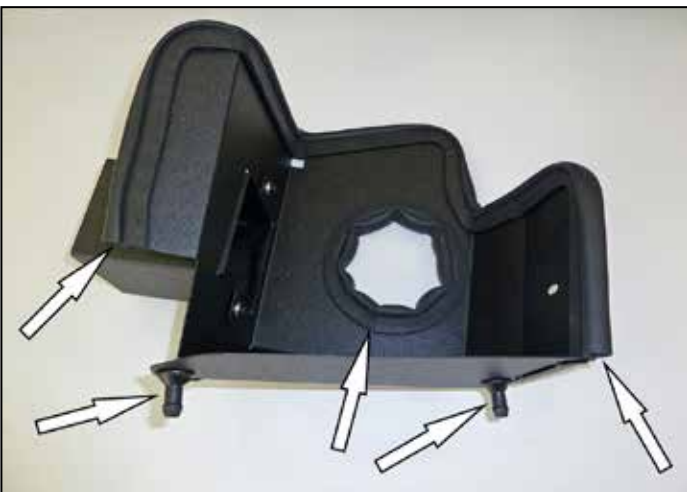
CONTINUED:



7. Release spring clamp and remove PCV hose from valve cover, then loosen hose clamp on intake boot and remove boot.



8. Install the Spectre® reducer coupler onto throttle housing and secure with provided clamp.



9. Install edge trim onto heatshield as shown and trim to fit. Install the two nylon mounts with provided hardware as shown.



10. Install twist bracket and rubber mounts with hardware provided as shown.

NOTE: short mount screws into factory bracket on shock tower.



11. Remove MAF sensor from air box.



12. Push the Spectre® air intake tube through the right side of the heatshield and into coupler on throttle housing and tighten hose clamp. Install MAF sensor into intake tube with the two 4mm screws provided, then route MAF connector wiring through slot in heatshield under edge trim. Slide MAF calibration sleeve into intake tube.

NOTE: Calibration sleeve must be installed or vehicle will not perform properly and warranty will be voided.

CONTINUED:



13. Install PCV hose onto intake tube and valve cover, secure with provided clamps.



14. Place the Spectre® high flow air cleaner onto intake tube making sure calibration sleeve is located properly and tighten clamp.



15. Install air intake duct removed in step 4.



16. Install radiator cover removed in step 3.

17. Make sure that all clamps and hardware are fully tightened. Reconnect the battery cable, start the vehicle and let it warm up. Shut off and inspect the installation once more for any loose clamps, wires, or hardware. Test drive & enjoy! Your installation is now complete. Periodically check all clamps and brackets.

⚠ WARNING This product can expose you to a chemical or chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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