

SPECTRE®

Performance

Intake Installation Instructions

P/N 10190 (red filter) - P/N 10190B (blue filter)

P/N 10190K (black filter) - P/N 10190W (white filter)

Year/Make/Model/Engine

2006-2012 Lexus IS250 2.5L

2006-2011 Lexus IS350 3.5L



For filter reorders ask at the special order counter of your local parts store or call:

1-909-673-9800

ask for: P/N 9132 (red filter)

P/N 9136 (blue filter)

P/N 9131 (black filter)

P/N 9138 (white filter)

Tools Required:

- Standard screwdriver
- 5/16" (8MM) nut driver
- 10mm socket
- 10mm combination wrench
- 12" extension
- Ratchet
- Diagonal cutters
- Needle nose pliers

Parts List

- 1 - Air filter
- 1 - Intake tube
- 1 - Heat shield
- 1 - 32" Rubber seal
- 1 - 26" Rubber seal
- 1 - 3" Coupler
- 1 - Bracket-large
- 1 - Bracket-small
- 2 - 3 1/2" Hose clamps
- 1 - 1" Hose clamp
- 2 - m4 Machine screws
- 2 - 6mm x 16mm hex bolt
- 2 - 6mm x 12mm hex bolt
- 1 - Rubber washer
- 1 - Fender washer
- 1 - 6mm lock nut
- 4 - 6mm lock washers
- 1 - Aluminum spacer
- 1 - 1 1/8" Breather hose



Step 1

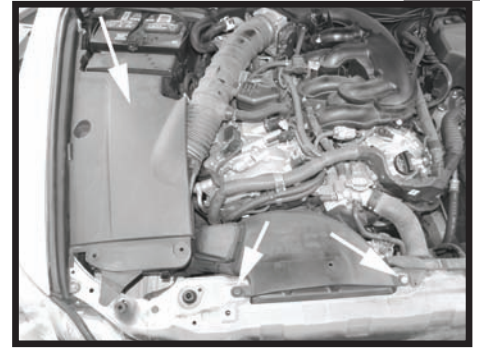
Safety first! Before you begin the installation, make sure that the vehicle is in park (or neutral for a manual transmission) with the parking brake set. Disconnect the negative battery terminal and verify that all components that are listed are present. **Note:** This kit was designed and tested on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



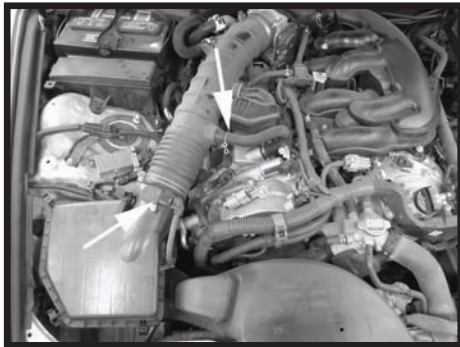
Step 2
Lift up and remove the engine top cover.



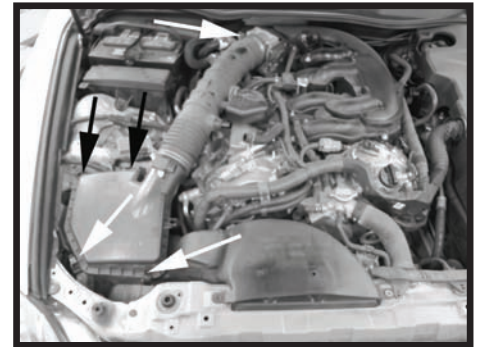
Step 3
Press down on the 11 clips that secure the radiator support cover. Remove the clips and then remove the top radiator and side covers.



Step 4
Remove 1 bolt and clip securing the fresh air duct. Remove the side accessory cover from the vehicle.



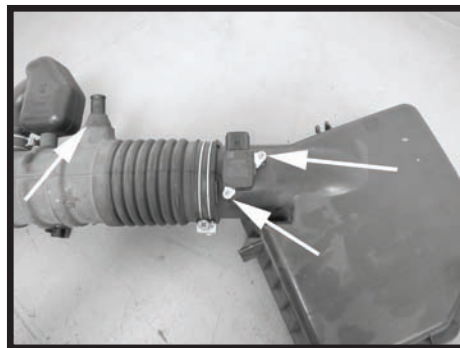
Step 5
Disconnect the Mass Air Flow Sensor (MAFS) electrical connector and unclip the harness from the air box. Follow the MAFS harness around the side of the air box and using needle nose pliers release the tie down clip on the air box. Squeeze the hose clamp and remove the crankcase vent hose from the intake tube.



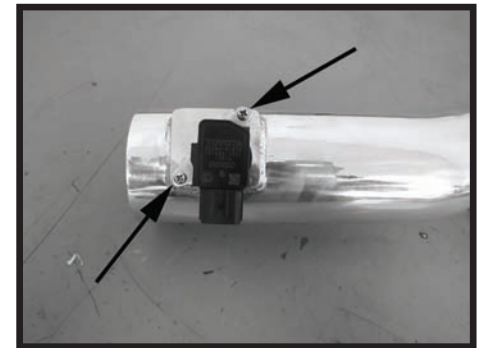
Step 6
Loosen the clamp on the intake tube at the throttle body. Unclip the air box lid and remove the upper air box assembly and filter from the vehicle.



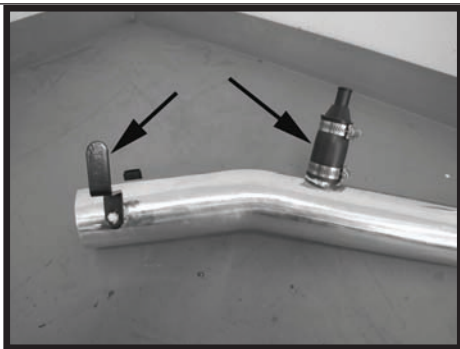
Step 7
Remove the two 10mm bolts that secure the air box to the body. Grasp the air box and pull it out of the vehicle including the fresh air duct.



Step 8
Remove the two screws that secure the MAFS to the factory air box and remove the MAFS. Remove the crank case vent chamber from the factory intake tube.



Step 9
Install the MAFS into the Spectre Performance intake tube and secure with the supplied screws.



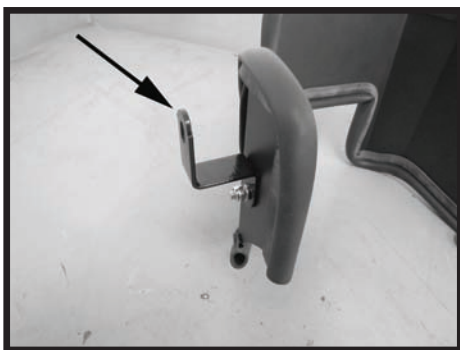
Step 10

Install the supplied 1 $\frac{1}{8}$ " hose onto the intake tube and secure it with the supplied hose clamp. Install the vent crank case vent chamber into the hose and secure with the remaining hose clamp. Install the supplied large "Z" bracket on the intake tube with the supplied hardware. Do not tighten it as it will need to be moved in a later step.



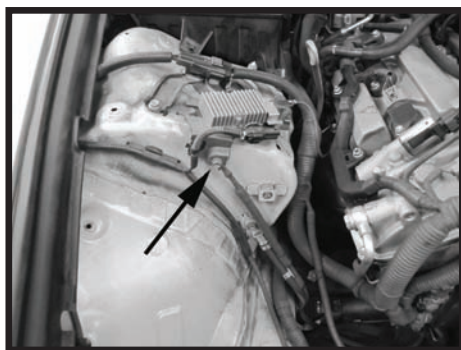
Step 11

Install the piece of bulb seal to the top edge of the supplied heat shield. Then install the rubber liner to the bottom edge of the heat shield.



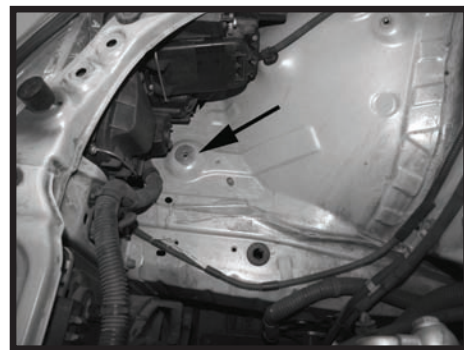
Step 12

Install the small "Z" bracket to the heat shield with the supplied hardware. Leave the bracket loose at this time as it will need to be aligned in a later step.



Step 13

Locate the heat sink module on the right (passenger) side shock tower and remove the bolt that is securing the ground wire.



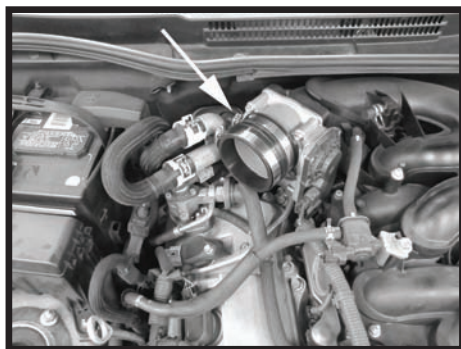
Step 14

Place the supplied fender and rubber washers on the factory air box mounting boss, with the rubber washer on the body and the fender washer on top of it. Make sure the holes in the washers are line up with the hole in the body.



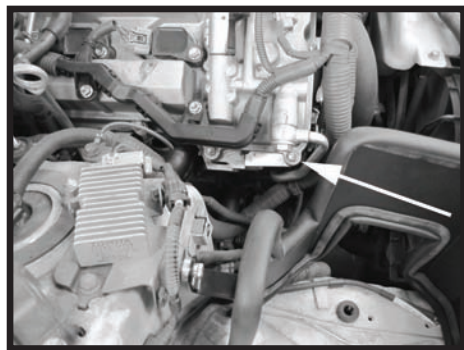
Step 15

Install the heat shield so that the bottom holes line up with the holes in the washers that were installed in step 14. Fasten the "Z" bracket that is on the heat shield by placing the supplied aluminum spacer between the ground wire and bracket. Tighten all the bolts on the heat shield and bracket.



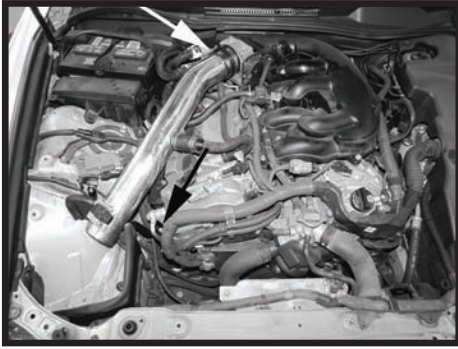
Step 16

Install the coupler on the throttle body and fasten securely. Install the second clamp but do not tighten at this time.



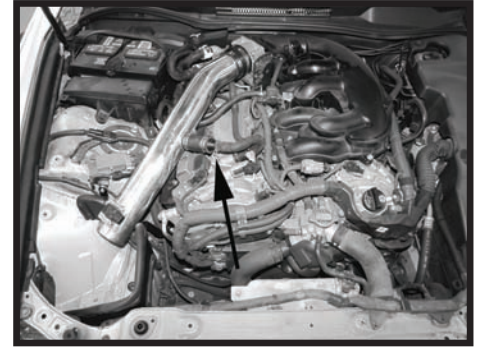
Step 17

Remove the bolt in the right (passenger side) front corner of the valve cover and set it aside as it will be used in a later step.



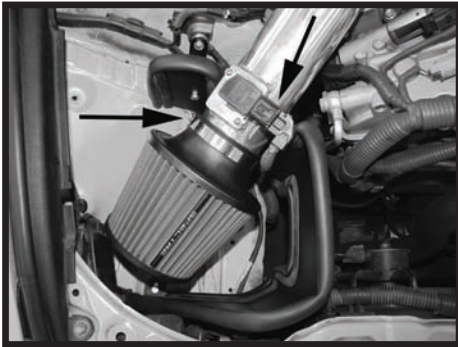
Step 18

Install the intake tube in the coupler and align the “Z” bracket with the mounting hole in the valve cover. Align tube to sit in opening of the heat shield. Install the bolt that was removed in step 17 through the bracket into the valve cover. Tighten the valve cover mounting bolt, the bolt in top of the “Z” bracket and the clamps on the throttle body.



Step 19

Reinstall the crankcase vent hose to the intake tube.



Step 20

Install the supplied air filter and secure it with the supplied clamp. Reconnect the electrical connector to the MAFS.



Step 21

Install the factory fresh air duct with the factory bolt and clip that was removed in step 4.



Step 22

Install the side cover and the top radiator cover that was removed in step 3 & 4 using the factory clips.



Step 23

Install the engine cover. 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.