

SPECTRE®

Performance

Intake Installation Instructions **P/N 9058 (red filter) - P/N 9058B (blue filter)** **P/N 9058K (black filter)**

Year/Make/Model/Engine

2016 GMC Sierra 2500HD/3500HD 6.0L
2016 Chevrolet Silverado 2500HD/3500HD 6.0L



Parts List

- 1- Intake tube
- 1- Heat shield Pc 1
- 1- Heat shield Pc 2
- 1- Air filter
- 1- 6" Hose clamp
- 1- 4" Flex coupler
- 1- 4" 90° Rubber elbow
- 1- MAFS Sleeve
- 1- 4" Offset velocity stack
- 1- Rubber seal
- 1- 3/8" Breather hose
- 4- 4" Hose clamp
- 2- Machine screws
- 3- Allen bolts
- 3- Flat washers
- 3- Locknuts

Tools Required:

- 5/16" or 8mm Nut driver
- Ratchet
- 10mm socket
- T15 Torx
- Phillips screwdriver

P/N HPR9891(red filter)
P/N HPR9891B(blue filter)
P/N HPR9891K(black filter)



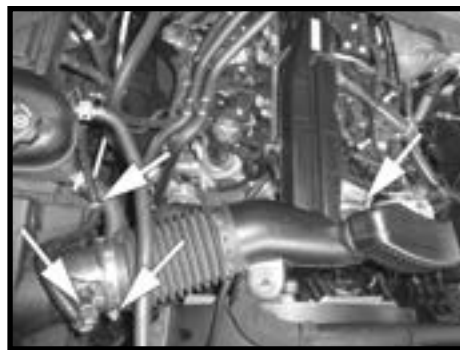
Step 1

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

Remove engine cover.



Step 3

Loosen the clamp at the throttle body. Loosen the clamp at the Mass Air Flow Sensor (MAFS). Disconnect the MAFS electrical connector and unclip the harness from the air box. Release the plastic clip securing the radiator hose to the intake tube.



Step 4

Pull firmly and disconnect the breather hose from the stock intake resonator. Then, remove the breather tube from the engine. There is a small tab on the end of the tube. Push it to the right to release the breather tube.



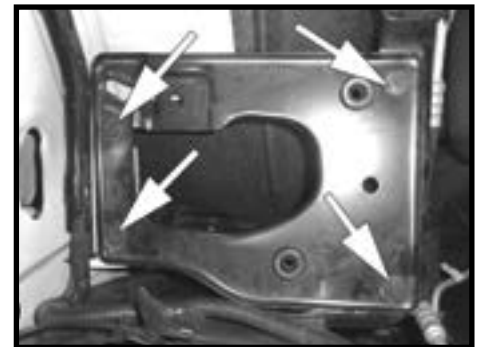
Step 5

Remove the factory air intake tube and resonator assembly from the vehicle.



Step 6

Remove the air box assembly by pulling up and out firmly.

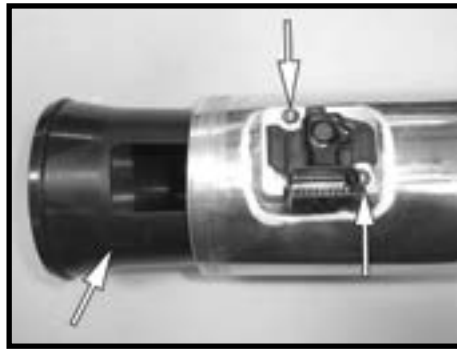


Step 7

Remove the air box mounting plate. Three of these bolts will be re installed with the new heat shield.



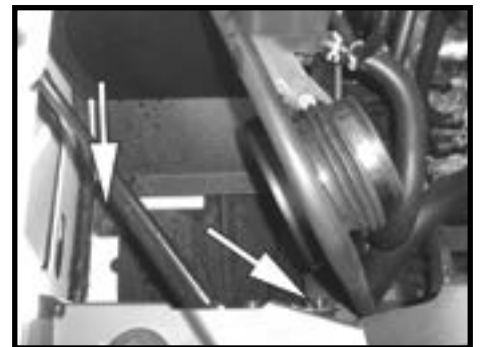
Step 8
Remove the MAFS sensor from the factory air box.



Step 9
Insert and fasten the MAFS onto the Spectre Performance intake tube with the provided machine screws. Insert the MAFS sleeve into the intake tube (note position of slot to allow clearance for the MAFS). Note: The MAFS sleeve must be used or the vehicle will not run properly.



Step 10
Assemble the heat shield with the tabs placed on the outside of heat shield. Install the rubber bulb seal, this may require trimming to the correct length. Place the velocity stack adapter in the heat shield and install the supplied flex coupler making sure the coupler is pushed completely against the heat shield. Take note of the orientation of the funnel, this may be rotated slightly once the filter is installed in the vehicle. Once the adapter and coupler are tight against the heat shield, tighten the clamp.



Step 11
Install the heat shield into the truck as shown by reusing the hardware from the tray removed in Step 7. If the holes do not line up with the heat shield, see the next step to resolve this.



Step 12
This step is only required if your heat shield bolt pattern did not line up in Step 14. Loosen the 4 bolts shown, but do not remove them. Install the heat shield and fasten it securely in place. Once the heat shield is in place, securely fasten the 4 bolts that were just loosened.



Step 13
Remove the bolt shown and rotate the brace towards the engine.



Step 14
Install the filter and fully tighten the clamp. Rotate the bracket back into position and reinstall the bolt removed in the previous step.



Step 15
Install the 90° boot on throttle body with the short side on the throttle body and clamp on the throttle body side to secure the boot in place. Install a second clamp but do not tighten at this time.



Step 16
Connect the supplied hose to the breather tube on the motor.



Step 17
Install the intake tube as shown and once in position tighten clamps. Reconnect the MAFS wiring harness connector. Then connect the breather hose onto the fitting on the intake tube.



Step 18
Reinstall 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.

Step 19
NOTE: Most General Motors vehicles have the Vehicle Emissions Certification Information (VECI) label affixed to the air filter box. In order to be compliant with California emissions laws, the label **MUST** remain in the engine compartment. If the Vehicle Emission Control Information label is removed during modification, a new replacement label must be obtained and installed in a readily visible position in the engine compartment. The label shall not be affixed to any equipment which is easily detached from the vehicle. We recommend that the label is affixed to the underside of the hood adjacent to the hood latch. The label is Vehicle Identification Number dependent and can be ordered from the vehicle dealership. In order to receive the proper decal please bring your VIN with you. Failure to have the VECI under the hood may result in failure of a pre-registration smog test.

SPECTRE
Performance