

SPEED BY SPECTRE®

The 400mph Company™

Intake Installation Instructions

P/N 9980 (red filter) - P/N 9980B (blue filter)

P/N 9980K (black filter) - P/N 9980W (white filter)

Year/Make/Model/Engine

2004-2005 GM Sierra/Silverado 2500HD/3500 V8-6.6L Duramax LLY (td)



Parts List

- 1 - Air intake tube
- 1 - Air filter
- 1 - 4" 20° Velocity stack adaptor
- 1 - Hose clamp 78-101mm
- 3 - Hose clamp 94-118mm
- 1 - 4" - 3.5" Reducer coupler
- 1 - 4" Double flex 60° boot
- 1 - Heat Shield
- 1- Rubber Seal
- 2 - M4 machine screw
- 1 - Grommet

Tools Required:

- 5/16" nut driver
- Ratchet
- 10mm socket
- 13mm wrench
- T20 torques bit
- Phillips screwdriver



This kit comes with a high flow lifetime hpR filter. It is factory pre-oiled and ready to install.

For cleaning instructions, visit our website –

www.SpeedBySpectre.com

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

1-909-673-9800

ask for: P/N HPR0892 (red filter)

P/N HPR0892B (blue filter)

P/N HPR0892K (black filter)

P/N HPR0892W (white filter)

CARB Exempt-No

Products that are not CARB exempt are legal in most states, but may not be used in California or states with similar emissions control laws.

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

Disconnect the Mass Air Flow Sensor (MAFS) electrical connector.



Step 3

Using a 5/16" nut driver (or flat blade screwdriver), loosen the clamp at the turbo.



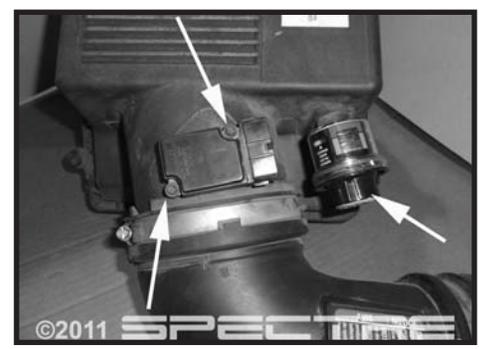
Step 4

Lift the stock intake tube and air box assembly up and out of the engine bay assembly by pulling up and out firmly.



Step 5

Remove the five bolts (shown) and remove the factory air box tray from the vehicle.



Step 6

Remove the MAFS and the air filter minder.



Step 7

Install the grommet in the intake.



Step 8

Install the MAFS and the air filter minder into the new intake tube.



Step 9
Install bulb seal around edges of heat shield as shown. Place the velocity stack adapter in the heat shield and install the supplied 60° flex boot making sure the coupler is pushed completely against the heat shield. Once the adapter and coupler are tight against the heat shield, snug the clamp to hold it in place but do not tighten at this time. Make sure that the clamp for the intake tube is installed but left loose at this time.



Step 10
Install the reducer coupler onto the turbo and securely fasten. Also make sure the intake tube clamp is installed but left loose until the intake tube is installed.



Step 11
Loosen the bolt shown so the tab on the heat shield can sandwich between the washer and the grommet.



Step 12
Install the heat shield into the truck as shown by reusing two of the bolts removed in Step 5. Also make sure the tab is placed between the washer and grommet that was loosened in Step 11. Fasten securely once in place.



Step 13
Install the intake tube into the vehicle, position it as shown and once tube is in desired location fasten securely.



Step 14
Reconnect MAFS wiring harness.



Step 15
Install the supplied air filter and clamp and tighten the clamp that secures the air filter. Rotate the air filter/velocity stack adapter assembly for the maximum clearance as shown. Make sure that the velocity stack adapter and coupler are still tight against the heat shield then fully tighten all clamps.

Step 16

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.

If you have any difficulties or questions regarding the installation of this intake system, contact the Spectre Performance Technical Department by email - Tech@spectreperformance.com or by phone (909) 673-9800 Monday thru Thursday 6:00am to 4:30pm PST.

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(909) 673-9800

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