

SPECTRE®

Performance

Intake Installation Instructions

P/N 9031 (polished tube with red filter)
P/N 90310K (black tube with black filter)

Year/Make/Model/Engine

2015-17 Ford Mustang 5.0L

NOT LEGAL FOR SALE OR USE ON ANY POLLUTION CONTROLLED MOTOR VEHICLE IN CALIFORNIA OR STATES ADOPTING CALIFORNIA EMISSION PROCEDURES.



Parts List

- 1- Intake tube
- 1- Heat shield- large
- 1- Heat shield- small
- 1- Air filter
- 1- 6" Hose clamp
- 1- 4" Velocity stack adapter
- 1- 3 1/2" Flex coupler
- 1- 4"-3 1/2" Reducer coupler
- 1- Edge trim
- 1- Wiring extension harness
- 1- Cap plug
- 1- "L" Bracket
- 2- M4 Screws
- 1- 4" Hose clamps
- 3- 3 1/2" Hose clamps
- 1- M8x20 Bolt
- 1- M8 Washer
- 1- M8 Lock washer
- 2- M6x20 Bolts
- 2- M6 Washers
- 6- M5x12 Bolts
- 6- M5 Washers
- 6- M5 Nuts
- 1- Allen wrench

Tools Required:

- 5/16" or 8mm Nut driver
- 7mm Nut driver
- 10mm socket
- 13mm socket
- Ratchet
- Phillips screwdriver
- Pliers
- Torx 20

P/N HPR9886 (red filter)

P/N HPR9886B (blue filter)

P/N HPR9886K (black filter)



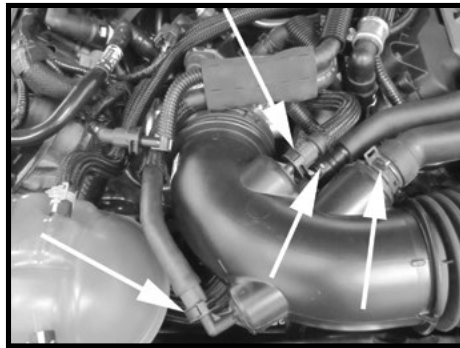
Step 1

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



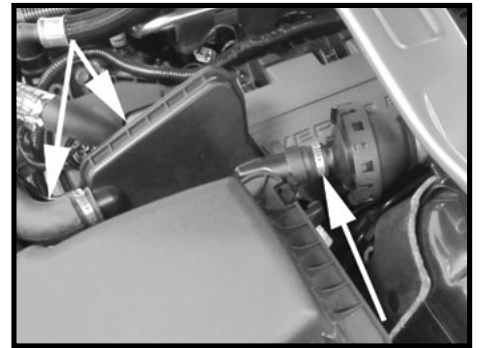
Step 2

Remove the engine cover by lifting on all the corners.



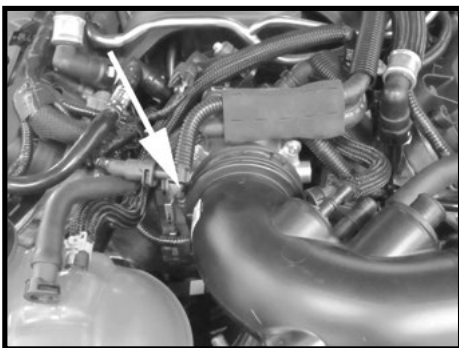
Step 3

Disconnect the 4 hoses from the factory air intake tube.



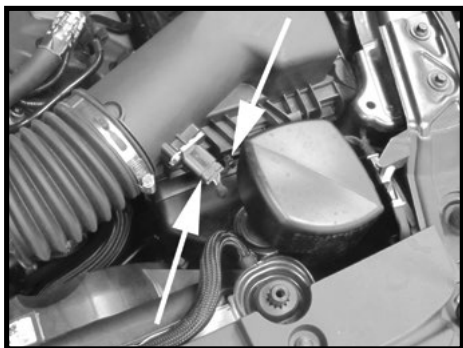
Step 4

Cut the factory clamp to remove the rear tube from the valve. Remove the rear tube from the vehicle.



Step 5

Loosen the hose clamp at the throttle body.



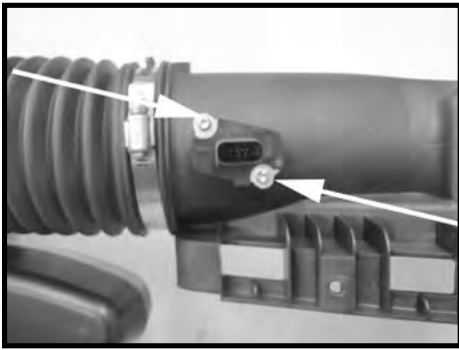
Step 6

Disconnect the Mass Air Flow Sensor (MAFS) connector by sliding the red clip away from the tube and pulling the connector off of the sensor. Remove the clip that holds the MAFS wire to the factory air box.

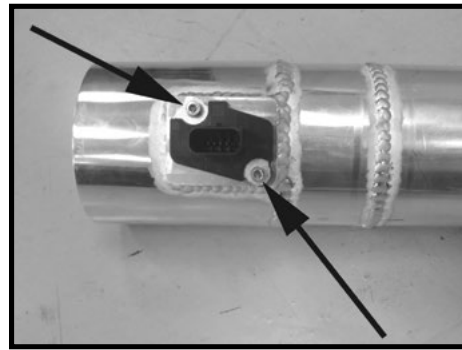


Step 7

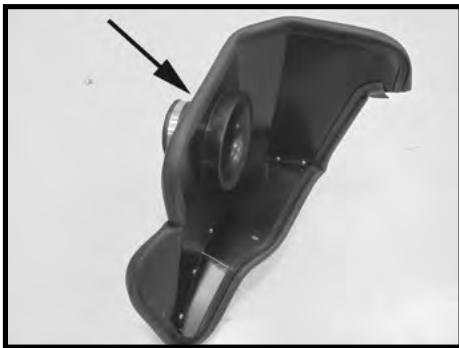
Remove the factory air box and tube assembly by removing the 10mm bolt and lifting it out.



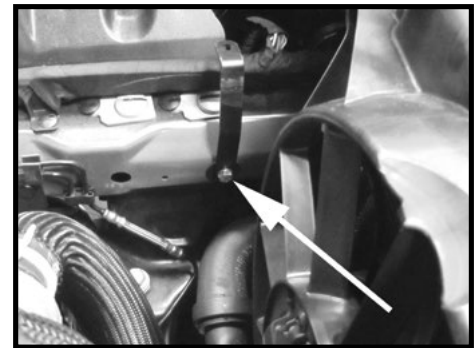
Step 8
Unscrew and remove the MAFS from the stock air intake box. This will be used again in your new Spectre Performance kit.



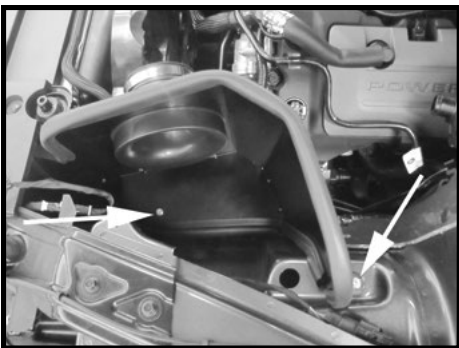
Step 9
Install the factory MAF Sensor on the intake tube using the supplied Phillips head screws.



Step 10
Assemble the heat shield with the tabs placed on the outside of the heat shield (side with arrow). Place the velocity stack adapter in the heat shield and install the supplied reducer coupler making sure the coupler is pushed completely against the heat shield. Once the adapter and coupler are tight against the heat shield, tighten the clamp. Make sure that the clamp for the intake tube is installed but left loose at this time. Dress the heat shield with rubber seal as shown. This may require trimming to the correct length.



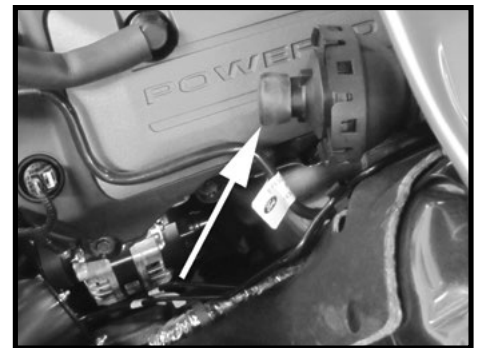
Step 11
Using the supplied hardware, install the "L" bracket onto the frame using the hole that is threaded. This is located towards the front of frame on the driver's side.



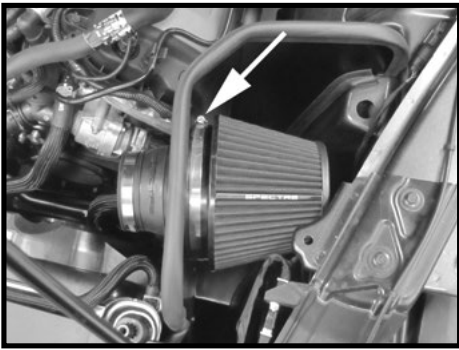
Step 12
Install the heat shield and secure it using the supplied hardware. Fully tighten all mounting hardware.



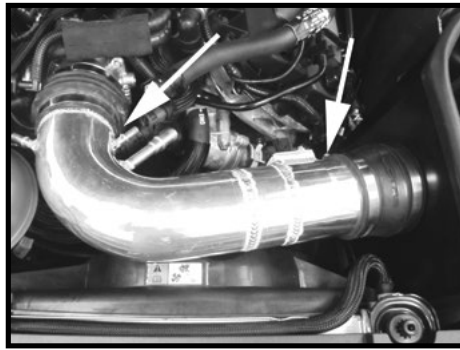
Step 13
Install the flex coupler over the throttle body and secure with a supplied clamp. Install a second clamp but do not tighten at this time.



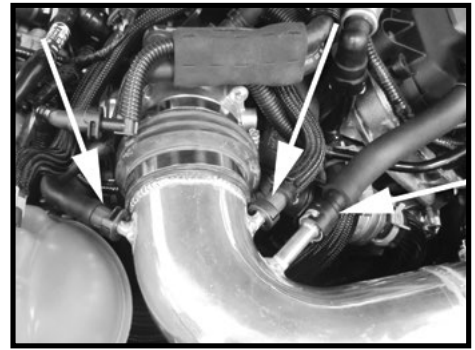
Step 14
Install the cap plug on the valve.



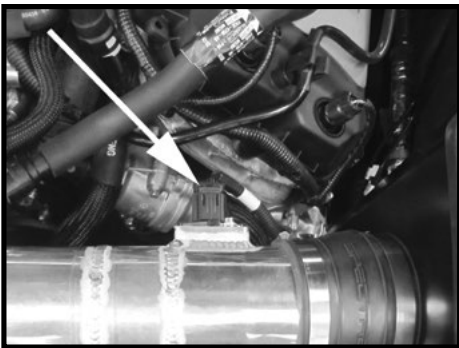
Step 15
Install the filter and securely fasten to the velocity stack adaptor.



Step 16
Install the intake tube. Once in the desired location and everything fits in place, tighten the clamps.



Step 17
Reconnect the factory vent lines to the intake tube.



Step 18
Connect the wire extension harness into the MAFS harness on the vehicle then connect the harness to the MAFS connector by pushing the connector on the sensor. Once bottomed out push the red clip towards the tube to lock in place.



Step 19
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.

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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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