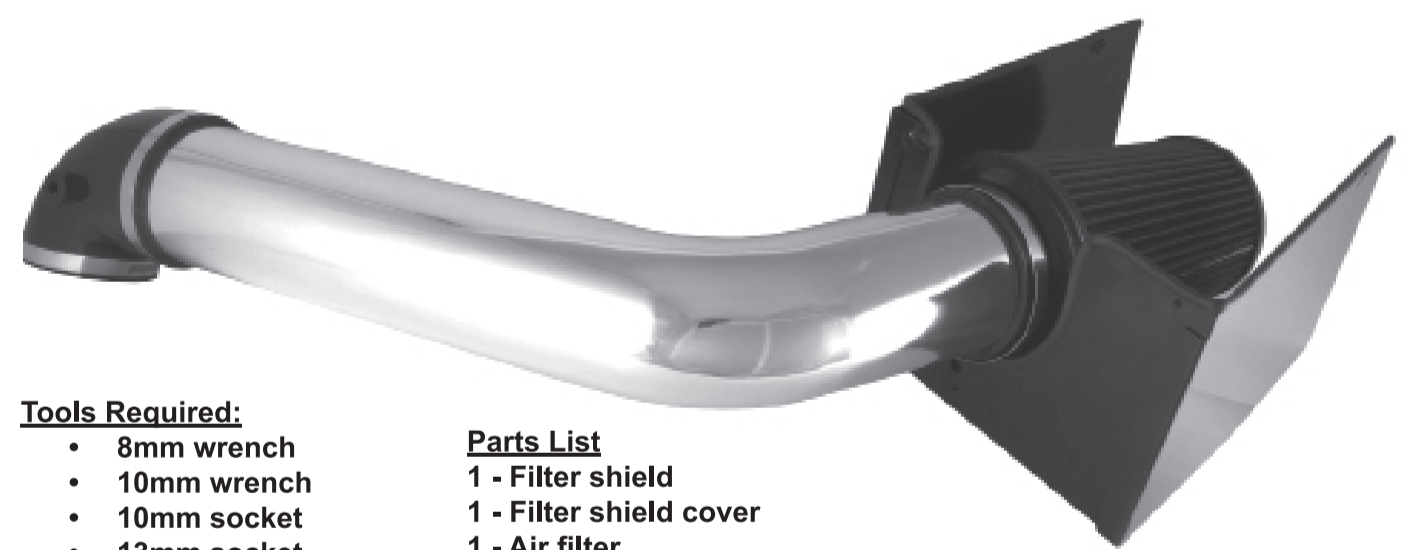


# Intake Installation Instructions

## 2004-2008 Ford F150 5.4L V8



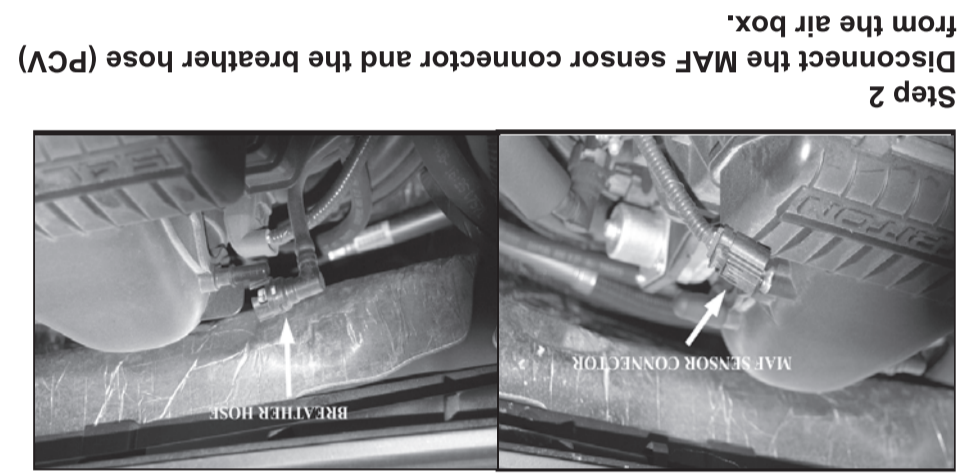
**Tools Required:**

- 8mm wrench
- 10mm wrench
- 10mm socket
- 13mm socket
- Socket wrench
- 6" extension
- Flat blade screwdriver
- Phillips screwdriver
- Torx T20

**Parts List**

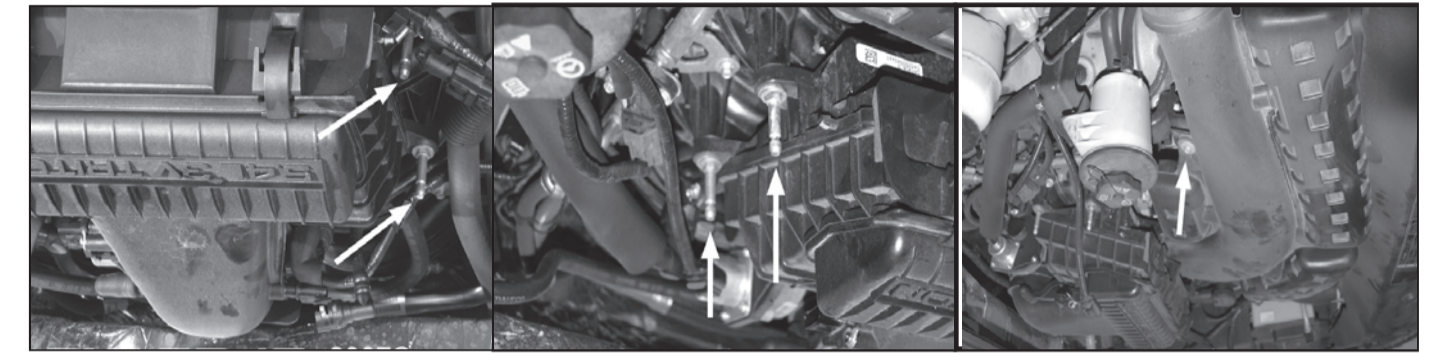
- |                                 |  |
|---------------------------------|--|
| 1 - Filter shield               | 2 - Filter shield lower mounting spacers |
| 1 - Filter shield cover         | 2 - Filter shield upper mounting spacers |
| 1 - Air filter                  | 1 - Rubber liner                         |
| 1 - Intake tube                 | 1 - MAF sensor sleeve                    |
| 2 - 4" hose clamps              | 1 - PCV adapter                          |
| 1 - 3.5" hose clamp             | 12- M5 allen bolts                       |
| 1 - Rubber vibration mount (M8) | 12- M5 washers                           |
| 2 - M6 fender washers           | 12- M5 lock nuts                         |
| 2 - M8 fender washers           | 1- M5 hex tool                           |
| 2 - M6 hex nuts                 |  |
| 2 - M6 lock nuts                |  |
| 2 - M8 lock nuts                |  |
| 4 - M6-1.0 x 15mm bolts         |  |
| 3 - M6-1.0 x 25mm bolts         |  |
| 4 - M6 washers                  |  |
| 1 - 90° elbow coupler           |  |
| 2 - M4 machine screws           |  |

**Step 1** Before you begin the installation, make sure that the vehicle is in park with the parking brake set. Disconnect the negative battery terminal and verify all components listed are present.



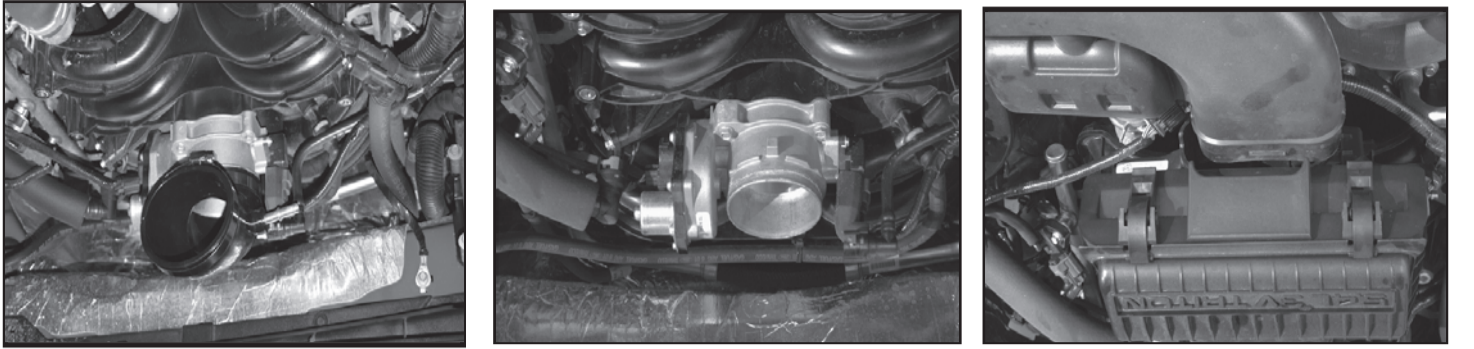
**Step 2** Disconnect the MAF sensor connector and the breather hose (PCV) from the air box.

**Step 3** Remove the mounting bolts for the air box.



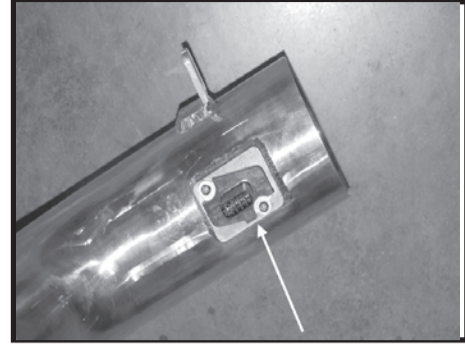
**Step 4** Remove the intake tube bolt and fender inlet and remove. Disconnect it from the air box.

**Step 5** With all obstructions out of the way, remove the air box exposing the throttle body.

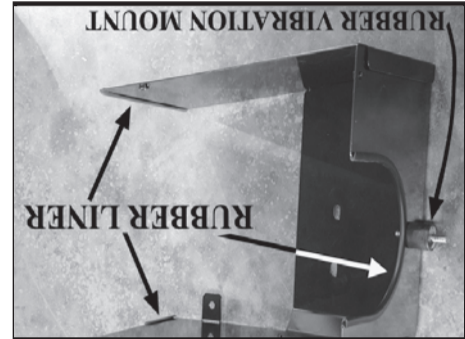


**Step 6** Install two hose clamps on the 90° coupler and install it on the throttle body. Do not tighten coupler clamp until the product is fully assembled and positioned properly.

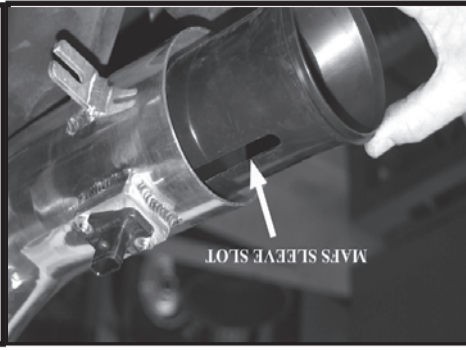
**Step 12** Insert and fasten the MAF sensor onto the Spectre Performance intake tube with the provided machine screws.



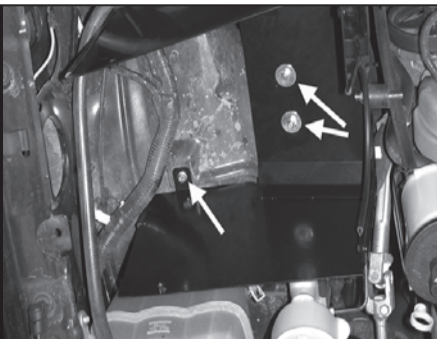
**Step 9** Add rubber liner onto the indicated areas of the filter shield. Insert the rubber vibration mount and M8 fender washer as shown.



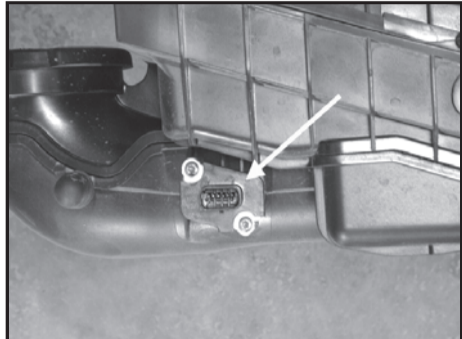
**Step 13** Insert the MAF sensor sleeve into the intake tube (note position of filter onto the intake tube. slot to allow clearance for MAF sensor). Attach and tighten the air



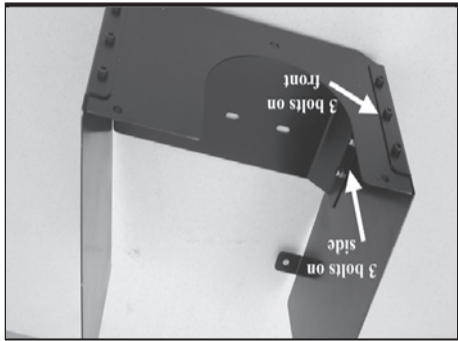
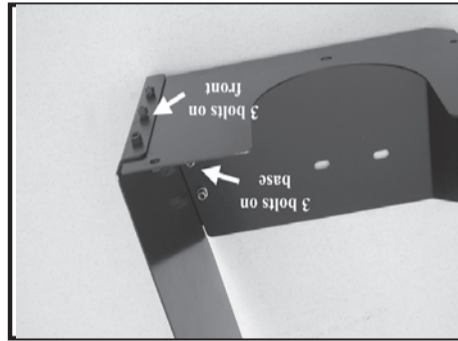
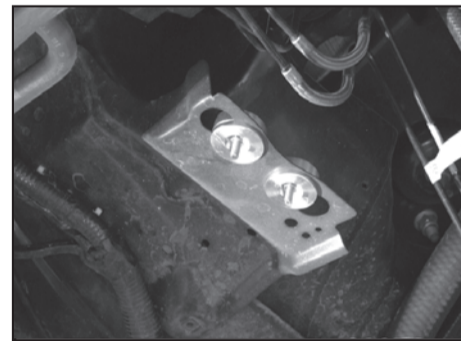
**Step 10** Install filter shield and tighten M6 fender washers, and M6-1.0 x 25mm mounting bolt.



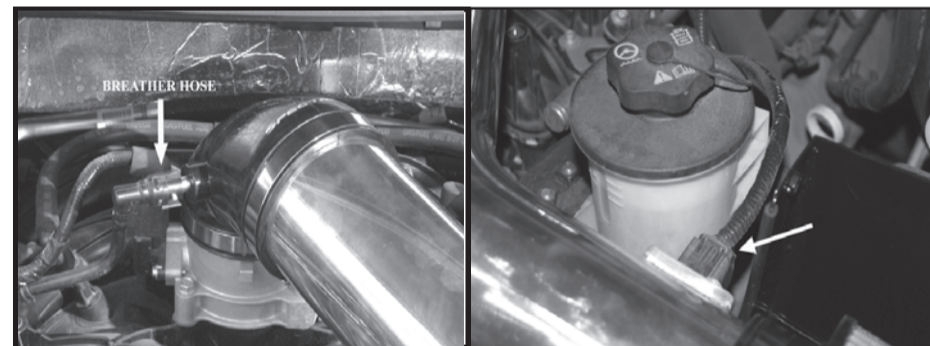
**Step 11** Remove the MAF sensor from the air box.



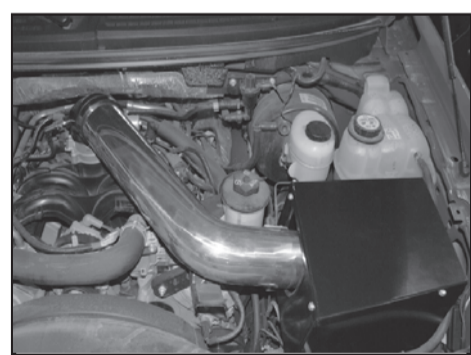
**Step 7** Assemble filter shield upper and lower mounts with the M6-1.0 x 25mm bolts and hex nuts as shown.



**Step 15** Connect the breather hose to the fitting in the 90° coupler. Connect the MAFS harness to the sensor.



**Step 14** Insert the new intake tube into the 90° coupler and rotate it until the bracket fits onto the rubber mount on the heat shield. Fully tighten the hose clamps and rubber vibration mount nut.



**Step 16** Add heat shield top cover and tighten bolts.

**Step 17** Make sure all bolts and clamps are now tight. Reconnect the negative terminal on the battery. Start up the engine and check for any air leaks. Affix the CARB. E.O. sticker in a prominent place under the hood. Your installation is now complete. Periodically check all clamps and brackets.