

## Throttle Body Spacer Installation Instructions P/N 11259

2004-2009	Ford Expedition	5.4L SOHC
2004-2009	Ford F-150	5.4L SOHC
2009-2010	Ford F-150	4.6L 3-Valve

PARTS FOR VEHICLES LISTED ARE 50 STATE LEGAL.  
SEE SPECTREPERFORMANCE.COM FOR CARB  
STATUS ON EACH PART FOR A SPECIFIC VEHICLE.

### Parts List

- 1 - Spectre Power Plate
- 4 - M6-1.0 x 60mm hex bolts (04-08 models)
- 4 - M6-1.0 x 65mm hex bolts (09 models)
- 4 - M6 flat washers
- 4 - 1" spacers
- 1 - Gasket
- 4 - M6-1.0 x 80mm (09-10 4.6L Models)

Legal for use on pollution  
controlled vehicles  
C.A.R.B E.O.# D-629-5  
for applications listed above



### 4.6L 3-Valve (See below for 5.4L)

#### Step 1

Disconnect the negative battery cable.

#### Step 2

Disconnect the breather hose from the intake tube. Loosen two clamps that secure the intake tube & remove the tube.

#### Step 3

Remove the bolts securing the throttle body to the intake manifold. Leaving the wiring harness connected, move the throttle body to the side.

#### Step 4

Using the supplied bolts, washers, and gasket, install the Spectre Power Plate. Make sure that the surface marked "11259" is facing the throttle body. Make sure that the factory O-ring is still in place and place the Power Plate onto the intake manifold. Place the gasket between the throttle body and the Power Plate and secure using the supplied bolts and washers. Use the shorter (60mm) bolts for 04-08 model years and the longer (65mm) bolts for 09 models.

#### Step 5

Ensure that the throttle operates freely and that the blade doesn't make contact with the Power Plate before fully tightening the bolts. Torque the bolts to factory specifications – Do Not Over-Tighten.

#### Step 6

Reinstall the air intake tube. Reconnect the breather hose

#### Step 7

Install the C.A.R.B. exemption label near the factory emissions label.

#### Step 8

Reconnect the negative battery cable.

#### Step 9

Start the engine and let the vehicle warm up. Shut the vehicle off and recheck your installation, making sure that all bolts and hose clamps are fully tightened.

## **5.4L SOHC**

### **Step 1**

Disconnect the negative battery cable.

### **Step2**

Remove the engine cover (if equipped) by pulling upward. Note that this will not be able to be reinstalled.

### **Step3**

Disconnect the Mass Air Flow Sensor (MAFS) wiring connector and the breather hose from the air box.

### **Step 4**

Remove the bolt securing the intake tube (near the power steering reservoir), pull the intake tube away from the air box and remove the intake tube.

### **Step 5**

Remove the bolts/studs securing the air box to the intake manifold and remove the air box.

### **Step 6**

Remove the bolts securing the throttle body to the intake manifold. Leaving the wiring harness connected, move the throttle body to the side.

### **Step 7**

Using the supplied bolts, washers, and gasket, install the Spectre Power Plate. Make sure that the surface marked "11259" is facing the throttle body. Make sure that the factory O-ring is still in place and place the Power Plate onto the intake manifold. Place the gasket between the throttle body and the Power Plate and secure using the supplied bolts and washers. Use the shorter (60mm) bolts for 04-08 model years and the longer (65mm) bolts for 09 models.

### **Step 8**

Ensure that the throttle operates freely and that the blade doesn't make contact with the Power Plate before fully tightening the bolts. Torque the bolts to factory specifications – Do Not Over-Tighten.

### **Step 9**

Reinstall the factory air box onto the throttle body. Using the supplied spacers, and the original throttle body bolts (removed in Step 6), secure the air box to the intake manifold. The spacers will fit between the mounting ears on the air box and the bosses on the intake manifold. Torque the bolts to factory specifications.

### **Step 10**

Reconnect the MAFS wiring connector and the breather hose to the air box. Reinstall the air intake tube.

### **Step 11**

Install the C.A.R.B. exemption label near the factory emissions label.

### **Step 12**

Reconnect the negative battery cable.

### **Step 13**

Start the engine and let the vehicle warm up. Shut the vehicle off and recheck your installation, making sure that all bolts and hose clamps are fully tightened.

If you have any difficulties or questions regarding the installation of this Throttle Body Spacer, contact the Spectre Performance Technical Department by email- [Tech@spectreperformance.com](mailto:Tech@spectreperformance.com) or by phone 1-800-821-4868 Monday thru Thursday 6:00am to 4:30pm PST.

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