

# SPECTRE®

## Performance

### Throttle Body Spacer Installation Instructions P/N 11253

1987-1990 Chevy C/K/R 1500, 2500 , 3500 7.4L

1987-1990 GMC C/K/R 2500 , 3500 7.4L

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
- 2 - 5/16"-18 x 3 3/16" hex bolts  
(with M6-1.0 tapped heads)
- 1 - 5/16"-18 x 3 3/16" hex bolts
- 3 - 5/16" flat washers
- 1 - M14 fuel line extension
- 1 - M16 fuel line extension
- 1 - O-ring, small
- 1 - O-ring, large
- 2 - Gaskets

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



**Step 1**  
Remove the fuse for the fuel pump, start the engine, and let it run until it dies. This will relieve most of the pressure from the fuel lines, which will have to be disconnected on a later step.

**Step 2**  
Disconnect the negative battery cable.

**Step 3**  
Remove the air cleaner assembly. Note & mark the locations of any vacuum lines, linkage connectors, and electrical connectors that need to be disconnected (from the air cleaner and/or throttle body). These will need to be reconnected, exactly as they were originally, at the end of the installation process.

**Step 4**  
Even though the pressure has been mostly relieved in Step 1, there may be some pressure remaining in the fuel lines. We strongly recommend the use of safety glasses & shop towels (to catch any fuel that may spill) during this step. Remove the fuel lines from the throttle body.

**Step 5**  
Remove the three bolts securing the throttle body to the intake manifold and remove the throttle body.

**Step 6**  
Remove any gasket material from the mounting surface and throttle body, being careful not to get anything into the intake manifold.

### Step 7

Using the supplied bolts, washers, and gasket(s), install the Spectre Power Plate. Make sure that the surface marked "11253" is facing the throttle body. Place a gasket on the intake manifold, put the Power Plate onto the gasket, place a second gasket on the Power Plate, and place the throttle body on top. Place the two tapped bolts in the rear of the throttle body, and the standard bolt in the front.

### Step 8

Ensure that the throttle operates freely and that the blades don't make contact with the Power Plate. Torque the bolts to 12 ft-lbs – Do Not Over-Tighten.

### Step 9

As the throttle body is being raised by an inch, we have included 1" fuel line extensions. Place the supplied o-rings over the male ends of these fuel line extensions, and install them into the fuel fittings on the throttle body. Tighten them securely and then re-install the fuel lines.

### Step 10

Reconnect the linkage(s), vacuum line(s), and electrical connection(s) as they were originally connected. If the throttle cable does not reach the throttle body as it did before the installation, loosen the throttle cable bracket and slide the cable forward until it reaches. Hold the cable in this position and retighten the bracket bolt. Check the throttle lever for full travel. If adjustments to the throttle cable, kickdown cable, or cruise control cable are necessary, consult the factory service manual.

### Step 11

Reconnect the negative battery cable.

### Step 12

Reinstall the fuel pump fuse and, without starting the vehicle, turn the key to the run position. Inspect the fuel line connections for leaks. If no leaks are found, install the air cleaner spacer and air cleaner.

### Step 13

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

**Step 14:** Start the engine, recheck for leaks at the fuel line connections, 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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