

5.9/6.7 INSTALLATION TIPS

INJECTORS DIRECT.COM



WARNING

FUEL SUPPLY AND FUEL SYSTEM COMPONENTS MUST BE CLEAN & FREE OF DEBRIS AND/OR CONTAMINATION BEFORE INSTALLATION. FUEL CONTAMINATION WILL VOID YOUR WARRANTY. PLEASE REFER TO THE INCLUDED WARRANTY POLICY FOR FULL DETAILS.



USED **X** NEW **✓**



(New 5.9 & 5.9/6.7 Tubes pictured above)

The Injector Fuel Supply Tube should be replaced any time the injector is replaced.

- When the tubes are torqued into place, a proper seal is achieved when the metal tip of the tube molds to the injector inlet port (pictured above.) Once this seal has been broken, it cannot be properly restored without replacing the tube. Failure to do so can lead to serious damage to injector or motor and cause symptoms such as excessive fuel return, rough idle, and a no-start condition.
- These tubes contain a wearable "edge filter" used to break up fine particles and allow them to pass through the injector harmlessly. When this edge filter wears down, its ability to properly break up particles is diminished and it can allow contaminants to enter the injector which can cause injector failure.

Replacing the high pressure connector tubes is the only proven way to ensure that no particles will enter your new injectors and that they will seal properly. Please contact us for more details or to place an order.



Torque Sequence

1) Install fuel injector hold down clamp (mounting flange) bolts. Thread these bolts in by hand. Then, using a torque wrench, slowly tighten each bolt to the proper specification in small increments. (See right; Step 1)

This preliminary tightening ensures the fuel injector is seated and centered.

2) Loosen each injector hold down bolt 1 full turn.

3) Install high pressure connector tube & retaining nut. Tighten to proper spec. (See right; Step 1)

4) Torque both injector hold-down bolts to proper spec. (See right; Step 2)

5) Torque the high pressure connector retaining nut to 37 ft. lbs.

5.9/6.7 Torque Specs

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| 5.9 Injector Hold-Down Bolts Step 1 | 44 in. lbs |
| 5.9 High Pressure Fuel Connector Tube Step 1 | 11 ft. lbs |
| 5.9 Injector Hold-Down Bolts Step 2 | 89 in. lbs. |
| 5.9 High Pressure Fuel Connector Tube Step 2 | 37 ft. lbs |
| 5.9 High Pressure Fuel Line | 22 ft. lbs |
| 6.7 Injector Hold-Down Bolts Step 1 | 44 in. lbs |
| 6.7 High Pressure Fuel Connector Tube Step 1 | 11 ft. lbs |
| 6.7 Injector Hold-Down Bolts Step 2 | 71 in. lbs |
| 6.7 High Pressure Fuel Connector Tube Step 2 | 37 ft. lbs |
| 6.7 High Pressure Fuel Line | 30 ft. lbs |
| 5.9/6.7 Electrical terminal/stud (solenoid) | 11 in. lbs |
| 5.9/6.7 Rocker Arm Mounting Bolts | 27 ft. lbs |