



## DD15™ Fuel System Technician's Guide

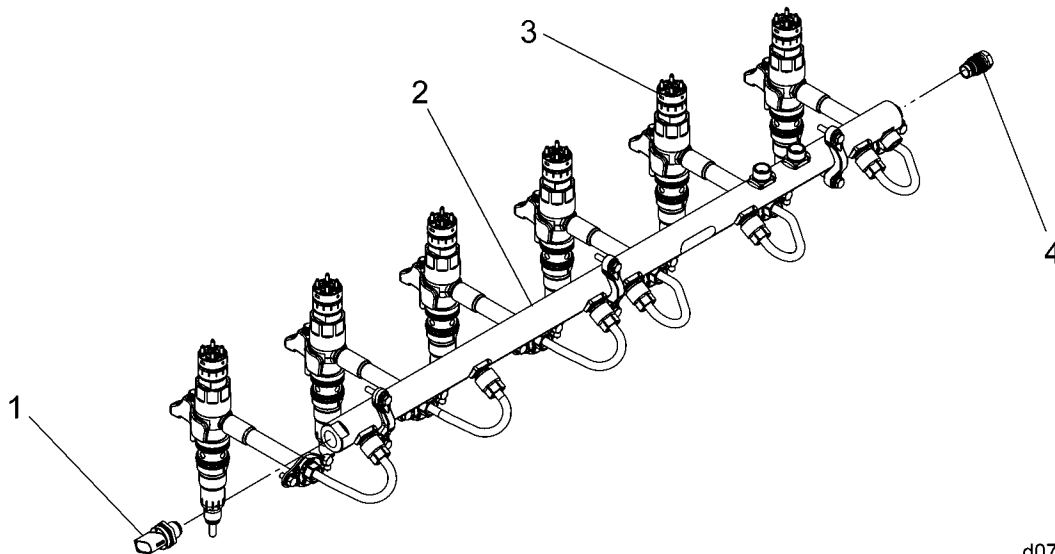
NUMBER: 08 FSTG-15 S.M. REF.: 35.9.3 ENGINE: DD15 DATE: November 2008

SUBJECT: TORQUE SPECIFICATION FOR THE FUEL RAIL PRESSURE SENSOR

PUBLICATION: DDC-SVC-MAN-0037

A torque specification has been added to the EPA07 DD15 Fuel System Technicians Guide for the Fuel Rail Pressure Sensor.

### REMOVAL OF THE FUEL RAIL PRESSURE SENSOR



d070040

1. Fuel Rail Pressure Sensor
2. Fuel Rail

3. Injector
4. Pressure Limiting Valve

The Fuel Rail Pressure Sensor is mounted on the front end of the fuel rail. The Motor Control Module (MCM) receives a signal from the fuel rail pressure sensor and uses the value to determine the required fuel flow rate to the high pressure fuel pump needed to maintain the correct pressure.

Remove as follows:

 **WARNING:**  
**PERSONAL INJURY**

**To prevent the escape of high pressure fuel that can penetrate skin, ensure the engine has been shut down for a minimum of 10 minutes before servicing any component within the high pressure circuit. Residual high fuel pressure may be present within the circuit.**

1. Remove connector.
2. Remove the Fuel Rail Pressure Sensor using the appropriate wrench on the hex end of the sensor and unscrew the sensor from the fuel rail.

## **INSTALLATION OF THE FUEL RAIL PRESSURE SENSOR**

Install as follows:

1. Install the Fuel Rail Pressure Sensor using the appropriate wrench on the hex end of the sensor and screw the sensor to the fuel rail. Torque sensor to 65-70 N·m (48-52 lb·ft).
2. Install connector.

## **ADDITIONAL SERVICE INFORMATION**

Additional service information is available in the Detroit Diesel *EPA07 DD15 Fuel System Technicians Guide* (DDC-SVC-MAN-0037). The next revision to this manual will include the revised information.

**DETROIT DIESEL**  
CORPORATION



13400 Outer Drive, West / Detroit, Michigan 48239-4001  
Telephone: 313-592-5000  
[www.detroitdiesel.com](http://www.detroitdiesel.com)