

DETROIT DIESEL



DDEC® VI Troubleshooting

NUMBER: 08 DDEC VI-45 S.M. REF.: 88 ENGINE: DD15 DATE: September 2008

SUBJECT: NEW SPN 157

PUBLICATION: DDC-SVC-MAN-0029

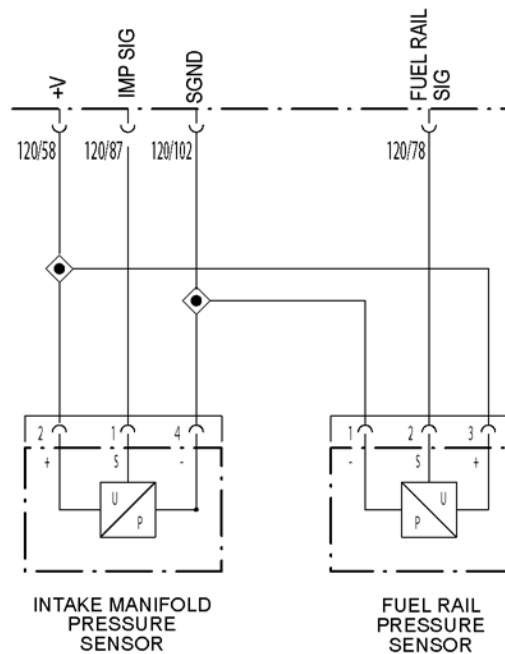
SPN 157 has been added to the manual.

SPN 157

This SPN indicates there is a problem with the Fuel Rail Pressure Sensor signal.

SPN 157/FMI 2

This diagnostic condition is typically an erratic Fuel Rail Pressure Sensor signal.



d150007a

Check as follows:

NOTE:

Step 7 of this procedure (PLV counter) must be verified.

1. Disconnect the Fuel Rail Pressure Sensor.
2. Inspect the Fuel Rail Pressure Sensor harness connector for loose, bent, spread or corroded pins.
 - [a] If pin damage is found, repair as necessary. Verify repairs.
 - [b] If no connector damage is found, go to the next step.
3. Disconnect the MCM 120-pin connector.
4. Inspect pins 58, 78, and 102 for bent, spread or corroded pins.
 - [a] If pin damage is found, repair as necessary. Verify repairs.
 - [b] If no connector damage is found, go to the next step.
5. Connect DDDL 7.X.
6. Turn the ignition ON (key ON, engine OFF).
7. Under the Actions” drop down menu, select “PLV Change.” On the PLV Change screen select “Read Accumulator.”
 - [a] If the PLV counter is greater than 50, the PLV must be replaced. After PLV replacement, reset the PLV accumulator value via the “Reset Accumulator” button.
 - [b] If the PLV counter is less than 50, troubleshooting is complete.

ADDITIONAL SERVICE INFORMATION

Additional service information is available in the *DD15 Troubleshooting Guide* (DDC-SVC-MAN-0029). The next printed revision to this manual will include this information.

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