

DETROIT DIESEL



DDEC® VI Troubleshooting

NUMBER: 07 DDEC VI-42 S.M. REF.: 109 ENGINE: EPA07 MBE 4000 DATE: December 2007

SUBJECT: SPN 3563

PUBLICATION: 6SE568

SPN 3563/FMI 4 has changed.

SPN 3563/FMI 4

This diagnosis is typically Intake Manifold Pressure Sensor circuit failed low.

Check as follows:

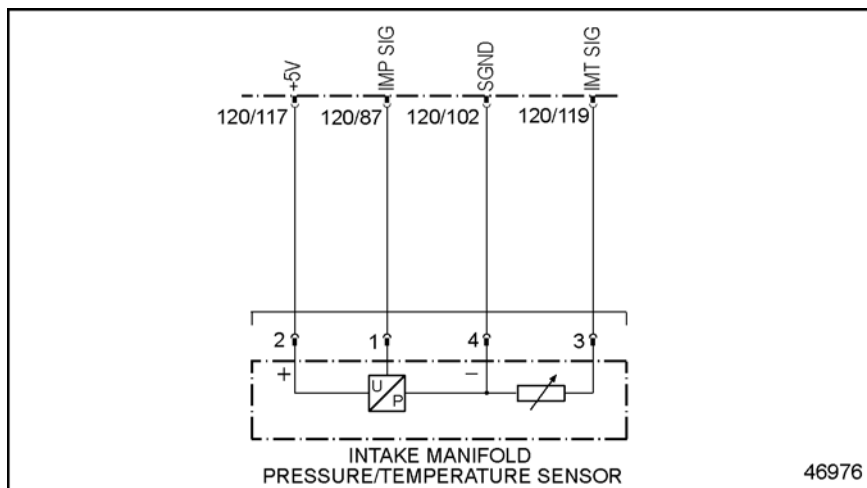


Figure 1 Intake Manifold Pressure/Temperature Sensor

1. Disconnect the Intake Manifold Pressure/Temperature Sensor.
2. Disconnect the MCM 120-pin connector.
3. Measure the resistance between pin 1 of the Intake Manifold Pressure/Temperature Sensor and ground.
 - [a] If the resistance is less than 3Ω , repair short to ground between pin 87 of the MCM 120-pin connector and pin 1 of the Intake Manifold Pressure/Temperature Sensor.
 - [b] If the resistance is greater than 3Ω , replace the Intake Manifold Pressure/Temperature Sensor.

ADDITIONAL SERVICE INFORMATION

Additional service information is available in one of the DDEC VI troubleshooting guides.

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