SUBJECT: TROUBLESHOOTING FLASH CODE 51, PID 351/FMI 3

PUBLICATION: DDC-SVC-MAN-0012

Troubleshooting Flash Code 51, PID 351/FMI 3 graphic has been updated.

<table>
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<td>51.2.1 TCI Sensor and Connector graphic</td>
<td>Sensor return has been updated to V-59</td>
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TROUBLESHOOTING FLASH CODE 51, PID 351/FMI 3

Follow these steps to check for codes:

1. Unplug coding sensor.
2. Insert jumper wire between #1 and #2 of the sensor connector.
3. Start and run engine for six minutes.
   [a] If code 351/3 displays, refer to section 51.2.2 "Check for Open".
   [b] If code 351/4 displays, go to step 4.
4. Check the connectors for damaged, bent or broken pins. See Figure 1.

![Figure 1 TCI Sensor and Connector](image)

[a] If damaged pins are found, repair the connector and test.
If no damaged pins are found, replace the sensor (see Figure 2).

Figure 2  Turbo Compressor In Temperature Sensor
ADDITIONAL SERVICE INFORMATION

Additional service information is available in the Detroit Diesel DDEC V *Single ECM Troubleshooting Guide*, DDC-SVC-MAN-0012. The next revision to this guide will include the revised information.