

Diagnostic Trouble Codes (DTC) P0194-00 And/Or P016E-00, Repair - US17+OBD* Emissions, Model Years 2018 To 2020



> Internal Content

For all active or in-active occurrences of this fault code complete the following process:

1. Assure there are no opens or shorts of the Fuel Rail Pressure Sensor circuit in the 3 external wires from the valve cover pass-through connector to the EMS module.

- **Sensor supply:** Engine module EA7 to Pass-through connector VCI2:8

- **Sensor signal:** Engine module EA19 to Pass-through connector VCI2:9

- **Sensor ground:** Engine module EA11 to Pass-through connector VCI2:5

If no issues are found: Proceed to the next step to replace the Fuel Rail Pressure Sensor circuit components internal to the valve cover area .

2. Replace both of the following parts:

- The Fuel Rail Pressure sensor.
- The short internal wiring harness that runs between the connector on the lower section of the two-piece valve cover and the pressure sensor.

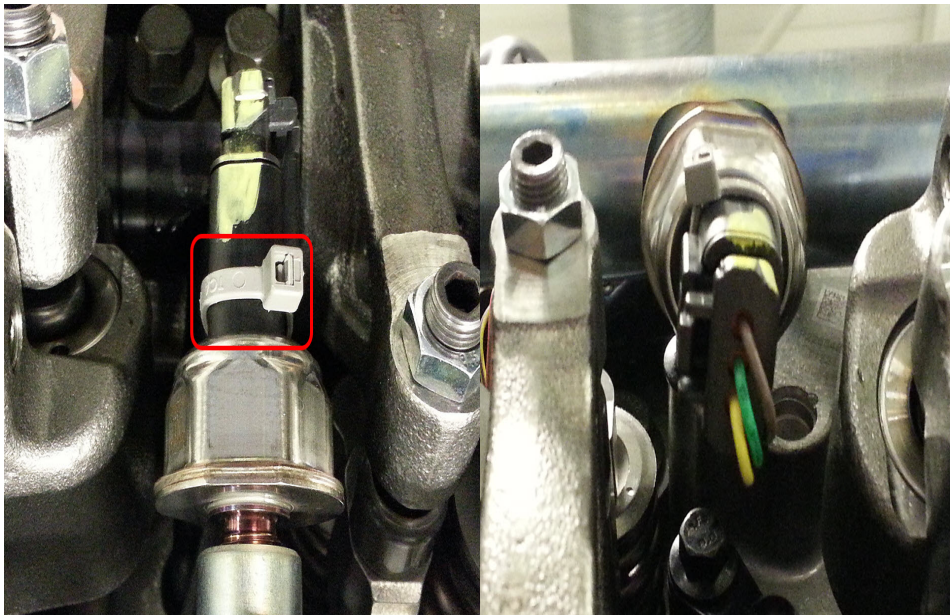
Note: Refer to Impact for current part information.

3. Secure the rail pressure sensor wire harness to the connector body with a cable tie to keep the harness away from the valve train components that move during engine operation.

- **NOTE:** Ensure that there is enough slack in the wire that there is no tension on the wires and pins at the connector when securing the cable tie.

Related links and attachments

No links or attachments available



Cable tie location

Wires from the sensor connector



Tags

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