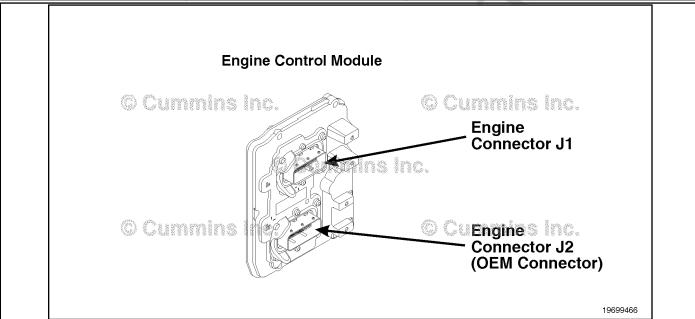
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## Fault Code 1141

# Injector Solenoid Driver Cylinder 2 - Mechanical System Not Responding or Out of Adjustment

CODES	REASON	EFFECT
Fault Code: 1141 PID(P), SID(S): S002 SPN: 652 FMI: 7 Lamp: Amber SRT:	Injector Solenoid Driver Cylinder 2 - Mechanical System Not Responding or Out of Adjustment. The ECM has detected an error with the injection timing or quantity.	Possible reduced engine performance.



Engine Control Module (ECM)

#### **Circuit Description:**

The ECM uses diagnostic software to verify injector operation. During selected conditions, each injector is fired. The fueling quantity and timing are then compared to a specified threshold.

#### **Component Location:**

The engine harness connects the ECM to the pass-through connector(s) that are located in the rocker housing. Internal injector harnesses are located under the valve cover and connect the injectors to the engine harness at the pass-through connector(s).

#### **Conditions for Running the Diagnostics:**

This diagnostic runs periodically during engine operation.

# **Conditions for Setting the Fault Codes:**

The Engine Control Module (ECM) detected a fueling timing or quantity error for the specified injector.

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## **Action Taken When the Fault Code is Active:**

• The ECM illuminates the amber CHECK ENGINE lamp and/or the Malfunction Indicator Lamp (MIL) immediately when the diagnostic runs and fails.

# **Conditions for Clearing the Fault Code:**

It is necessary to use the "Reset All Faults" command in INSITE™ electronic service tool to clear this fault and extinguish the amber CHECK ENGINE lamp and/or Malfunction Indicator Lamp (MIL).

## **Shop Talk:**

This fault code is intended to identify fueling quantity and timing issues.

Refer to Troubleshooting Fault Code 1141.

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