

**DTC C0561 OR P0856****Diagnostic Instructions**

- Perform the **Diagnostic System Check - Vehicle** prior to using this diagnostic procedure.
- Review **Strategy Based Diagnosis** for an overview of the diagnostic approach.
- **Diagnostic Procedure Instructions** provides an overview of each diagnostic category.

**DTC Descriptor****DTC C0561 71**

System Disabled Information Stored

**DTC P0856**

Traction Control Torque Request Circuit

**Circuit/System Description**

The electronic brake control module (EBCM) and the engine control module (ECM) simultaneously control the traction control. The EBCM sends a serial data message to the ECM requesting torque reduction. When certain ECM DTCs are set, the ECM will not be able to perform the torque reduction for traction control. A serial data message is sent to the EBCM indicating that traction control is not allowed.

**Conditions for Running the DTC**

The ignition is ON.

**Conditions for Setting the DTC**

The engine control module (ECM) detects a fault preventing the engine traction control and sends a serial data message to the EBCM indicating that torque reduction is not allowed.

**Action Taken When the DTC Sets**

One or more of the following actions may occur:

- The EBCM disables the engine traction system (ETS) for the entire ignition cycle.
- The traction Off Indicator illuminates.
- The antilock brake system (ABS) remains functional.

**Conditions for Clearing the DTC**

- The condition for the DTC is no longer present.
- The EBCM automatically clears the history DTC when a current DTC is not detected in 100 consecutive drive cycles.

**Diagnostic Aids**

This information is an aid to the technician, this DTC indicates that there are no problems in the ABS/TCS. The ECM should be checked for a possible fault.

**Reference Information****Schematic Reference****Antilock Brake System Schematics****Connector End View Reference****Component Connector End Views****Description and Operation****ABS Description and Operation****Electrical Information Reference**

- **Circuit Testing**
- **Connector Repairs**
- **Testing for Intermittent Conditions and Poor Connections**
- **Wiring Repairs**

**Scan Tool Reference**

**Control Module References** for scan tool information

**Circuit/System Verification**

Verify that no DTCs are set in the ECM.

- If DTCs are set, refer to **Diagnostic Trouble Code (DTC) List - Vehicle**