

# C0561 System Disabled Information

## 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 Descriptors

**DTC C0561 71:** System Disabled Information Stored Invalid Serial Data Received

**DTC C0561 72:** System Disabled Information Stored Alive Counter Incorrect

**DTC C0561 74:** System Disabled Information Value of Signal Protection Calculation Incorrect

## Circuit/System Description

The electronic brake control module (EBCM) receives serial data messages from the body control module (BCM), engine control module (ECM), instrument panel cluster (IPC), and the transmission control module (TCM) which are needed to perform antilock brake system (ABS), vehicle stability enhancement system (VSES), or traction control system (TCS) functions.

## Conditions for Running the DTC

Ignition voltage is greater than 10 volts.

## Conditions for Setting the DTC

The EBCM receives an invalid serial data message from another module.

## Action Taken When the DTC Sets

- The EBCM disables the traction control system (TCS)/ vehicle stability enhancement system (VSES).
- A DIC message and/or a warning indicator may be displayed.

## Conditions for Clearing the DTC

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

## Diagnostic Aids

This DTC indicates that there are no problems in the EBCM. The BCM, ECM, IPC and the TCM 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

- 1). With a scan tool, view the Invalid Signal Data Display.
- 2). If no invalid signal are present, view Signal Fault Data in the Enhanced DTC Data.
- 3). Refer to appropriate module for diagnosing the invalid message data.
- 4). Do not replace the EBCM due to this DTC fault.

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