C0569 System Configuration Error

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 C0569 00: System Configuration Error

Circuit/System Description

The electronic brake module (EBCM) receives a serial data message from each of the network modules. Each module contains its own unique identification (ID) code that must be programmed into a new the EBCM.

Conditions for Running the DTC

Ignition ON.

Conditions for Setting the DTC

The EBCM has not undergone the programming procedure.

Action Taken When the DTC Sets

- The EBCM disables the ABS/ traction control system (TCS)/ vehicle stability enhancementsystem (VSES) for the duration of the ignition cycle.
- The ABS indicator illuminates.
- The Red brake indicator illuminates.
- The Stability Control indicator illuminates.
- The driver information center (DIC) displays AllWheel Drive OFF, Service

Stabilitrak and Service Traction Control messages.

Conditions for Clearing the DTC

A current DTC will clear when the EBCM is programmed.

Diagnostic Aids

A newly replaced EBCM will set DTC C0569 on its initial ignition ON cycle.

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 C0569 is not set.If the DTC is set, program the EBCM. If the DTC resets, replace the EBCM.

Repair Instructions

Perform the Diagnostic Repair Verification after completing the diagnostic procedure. Control Module References for EBCM replacement, setup, and programming