

# C0299 Brake Booster Pressure Sensor Performance

## 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 C0299 00:** Brake Booster Pressure Sensor Performance

**DTC C0299 5A:** Brake Booster Pressure Sensor Performance Plausibility Failure

## Circuit/System Description

The power brake booster vacuum sensor monitors the vacuum level in the power brake booster. When the electronic brake control module (EBCM) detects the vacuum level is low a DTC is set.

## Conditions for Running the DTC

The engine is running.

## Conditions for Setting the DTC

Low or no vacuum is detected in the power brake booster after start-up.

## 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.

## 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). Verify that a vacuum leak is not present, refer to Brake Assist System Diagnosis.
- 2). Verify that DTC C1100 is not set. If DTC is set, refer to DTC C1100