

# C0201 Antilock Brake System (ABS) Enable Relay Contact Circuit

## 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 C0201 00:** Antilock Brake System (ABS) Enable Relay Contact Circuit

## Circuit/System Description

The EBCM controls its internal valve relay to command the valve solenoids ON or OFF.

## Conditions for Running the DTC

- Ignition voltage is greater than 10 volts.
- The solenoid relay is commanded ON.

## Conditions for Setting the DTC

- The EBCM detects no change when commanding the valve relay ON or OFF.
- The EBCM detects a stuck open solenoid valve relay or an open circuit between the solenoid valve relay and solenoid valves.

## Action Taken When the DTC Sets

- The EBCM disables the antilock brake system (ABS)/traction control

system (TCS).

- A DIC message and/or a warning indicator may be displayed.

## Conditions for Clearing the DTC

- The condition for setting 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 on page

### 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

Ignition ON, verify that DTC C0201 is not set. If DTC is set, replace the EBCM.

## Repair Instructions

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

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