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2017 Chevrolet Colorado Service and Repair Manual

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YOUR CURRENT VEHICLE

Door Will Not Open/Close, Door Binding, or Locks, Handles, or Cylinders Do Not Function

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Step	Action	Yes	No
DEFINITION: This diagnostic table is designed to address the mechanical diagnosis of the door latching system, which could include the inside and outside handles, latch rods/cables, latches, or latch cylinders.			
1	Did you perform the Diagnostic System Check – Vehicle?	Go to Step 2	Go to Diagnostic System Check - Vehicle
2	Were you sent here from a Vehicle Access Symptom Table?	Go to Step 3	Go to Symptoms - Vehicle
3	Does the door open with both handles?	Go to Step 4	Go to Step 12
4	Does the door open with the outside handle?	Go to Step 5	Go to Step 13
5	Does the door open with the inside handle?	Go to Step 6	Go to Step 14
6	Does the door close and latch properly?	Go to Step 7	Go to Step 15
7	Does the manual lock knob lock and unlock the latch smoothly without binding?	Go to Step 8	Go to Step 16

2. Disconnect the electrical connector:B70 Liftgate Close Switch

3. Test for less than 10 Ω between the test points:Low Reference terminal 2&Ground

    - **If 10 Ω or greater**

    1. Disconnect the electrical connector:K39 Liftgate Control Module

    2. Test for less than 2 Ω between the test points:Low Reference terminal 2@Component harness&Terminal 16 X1@Control module harness

        - If 2 Ω or greater » Repair the open/high resistance in the circuit.
        - If less than 2 Ω » Replace the component:K39 Liftgate Control Module

    - **If less than 10 Ω**

4. Ignition » On / Vehicle » In Service Mode

5. Verify the scan tool parameter:Liftgate Rear Close Switch=Inactive

    - **If not the specified state**

    1. Ignition/Vehicle » Off

    2. Disconnect the electrical connector:K39 Liftgate Control Module

    3. Test for infinite resistance between the test points:Signal circuit terminal 1@Component harness&Ground

        - If less than infinite resistance » Repair the short to ground on the circuit.
        - If infinite resistance » Replace the component:K39 Liftgate Control Module

    - **If the specified state**

6. Connect a 3 A fused jumper wire between the test points:Signal circuit terminal 1&Low Reference terminal 2

7. Verify the scan tool parameter:Liftgate Rear Close Switch=Active

    - **If not the specified state**

    1. Ignition/Vehicle » Off & Remove » Jumper wire(s)

    2. Disconnect the electrical connector:K39 Liftgate Control Module

    3. Ignition » On / Vehicle » In Service Mode

YOUR CURRENT VEHICLE

Symptoms - Antilock Brake System

Symptoms - Antilock Brake System

NOTE

Note

The following steps must be completed before using the symptom tables.

1. Perform the Diagnostic System Check - Vehicle before using the symptom tables in order to verify that all of the following are true:
   - There are no DTCs set.
   - The control modules can communicate via the serial data link.
2. Review the system description and operation in order to familiarize yourself with the system functions. Refer to ABS Description and Operation.

Visual/Physical Inspection

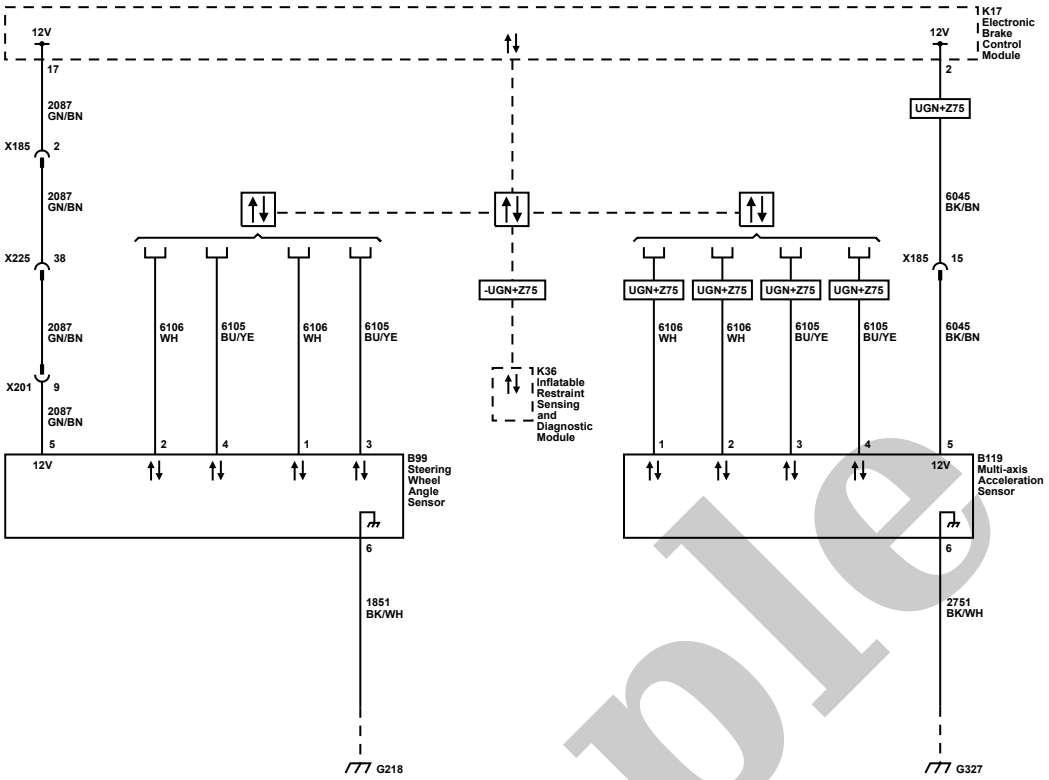
- Inspect for aftermarket devices which could affect the operation of the ABS.
- Inspect the easily accessible or visible system components, for obvious damage or conditions, which could cause the symptom.

Intermittent

Faulty electrical connections or wiring may be the cause of intermittent conditions. Refer to Testing for Intermittent Conditions and Poor Connections

Symptom List

Refer to a symptom diagnostic procedure from the following list in order to diagnose the symptom:



Master Electrical Component List

ABS Description and Operation

Control Module References

Wheel Speed Signals

6106 High Speed GMLAN Serial Data [-] 2

6106_WH 6106 WH

CAV_1 1

6105 High Speed GMLAN Serial Data [+] 2

6105_BU/YE 6105 BU/YE

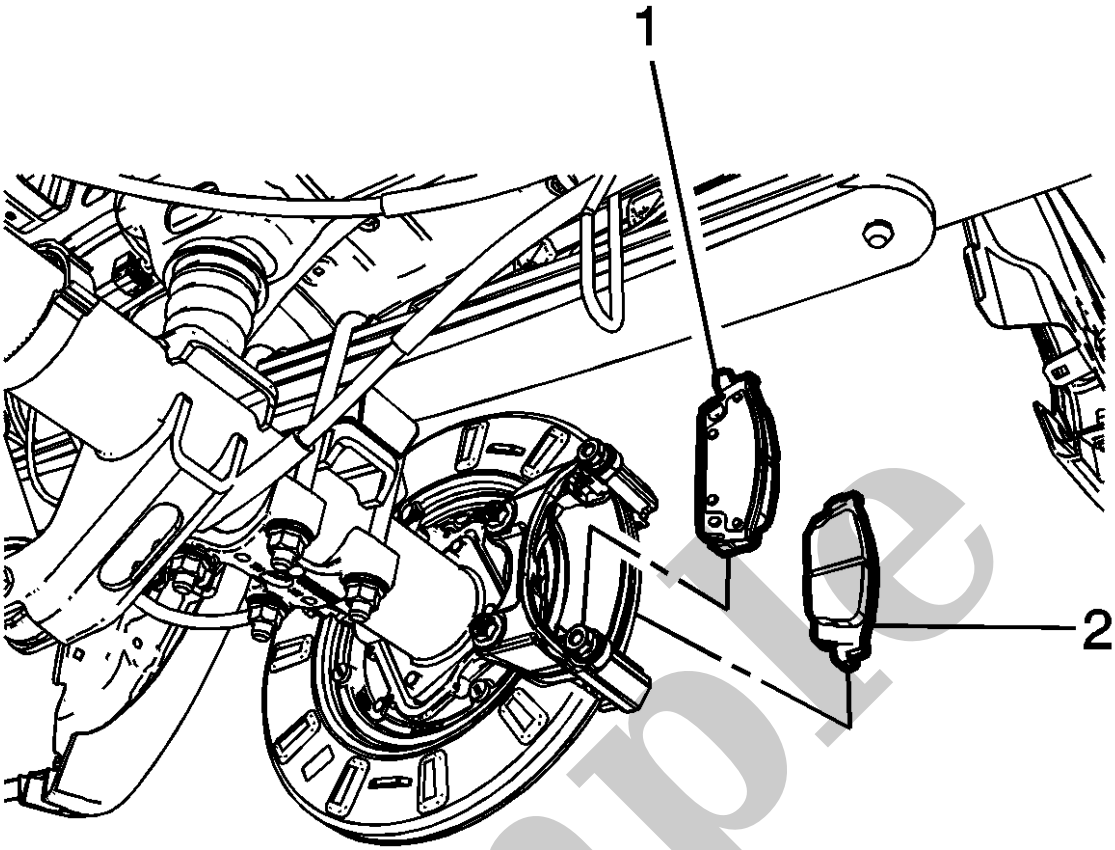
CAV_3 3

1851 Signal Ground

1851_BK/WH 1851 BK/WH

CAV_6 6

CAV_5 5



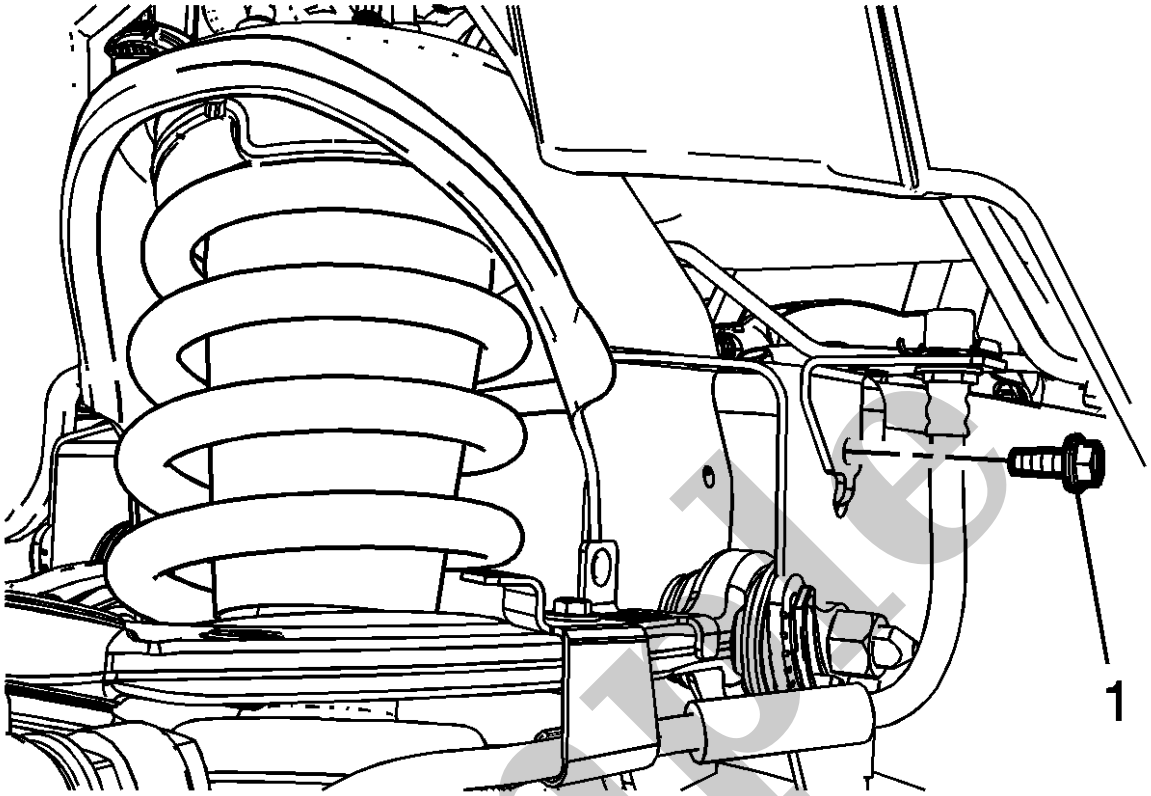
6.

NOTE

Note

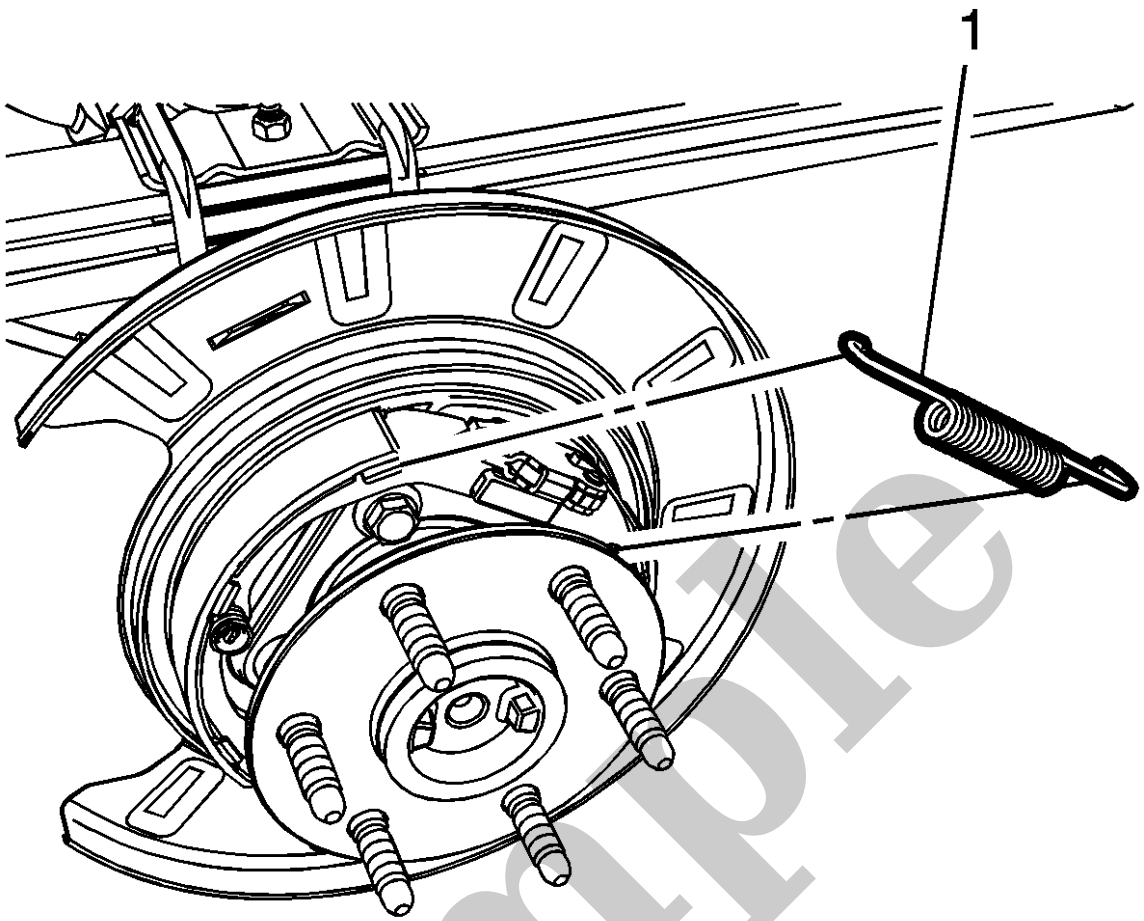
If reinstalling the original disc brake pads, note the location of the brake pads for proper installation.

Remove the inner disc brake pad (1) and the outer disc brake pad (2).



4.

Install the brake hose bracket and bolt (1) to the frame and tighten the bolt to ***12 N·m (106 lb in)*** .



6.

Remove the park brake shoe upper return spring (1).