

# Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

## 2017 Chevrolet City Express Service and Repair Manual

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## Note

It may take up to 2 min for all vehicle systems to power down before an accurate ground or low reference circuit continuity test can be performed.

Ignition/Vehicle & All vehicle systems » Off

2. Disconnect the electrical connector:A23P Door Latch Assembly - Passenger

3. Test for less than 10  $\Omega$  between the test points:Ground circuit terminal 3&Ground

- **If 10  $\Omega$  or greater**

- 1. Ground Connection »Disconnect

- 2. Test for less than 2  $\Omega$  between the test points:Ground circuit terminal 3@Component harness&Ground Connection

- If 2  $\Omega$  or greater » Repair the open/high resistance in the circuit.

- If less than 2  $\Omega$  » Repair the open/high resistance in the ground connection.

- **If less than 10  $\Omega$**

4. Ignition » On / Vehicle » In Service Mode

5. Verify the scan tool parameter:Passenger Door Ajar Switch=Inactive

- **If not the specified state**

- 1. Ignition/Vehicle » Off

- 2. Disconnect the electrical connector.M74P Window Motor - Passenger

- 3. Test for infinite resistance between the test points:Signal circuit terminal 5@Component harness&Ground

- If less than infinite resistance » Repair the short to ground on the circuit.

- If infinite resistance » Replace the component:M74P Window Motor - Passenger

- **If the specified state**

6. Connect a 3 A fused jumper wire between the test points:Signal circuit terminal 5&Ground circuit terminal 3

7. Verify the scan tool parameter:Passenger Door Ajar Switch=Active

- **If not the specified state**

- **If the specified state**

8. Test or replace the component:S45B Liftgate Control Switch - Interior

**Test 2**

1. Ignition/Vehicle » Off

2. Disconnect the electrical connector:S45B Liftgate Control Switch - Interior

3. Ignition » On / Vehicle » In Service Mode

4. Verify the scan tool parameter:Liftgate Mode Switch=Greater than 300 count(s)

- **If 300 counts or less**

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 3@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 greater than 300 counts**

5. Connect a 3 A fused jumper wire between the test points:Signal circuit terminal 3&Ground circuit terminal 1

6. Verify the scan tool parameter:Liftgate Mode Switch=Less than 5 counts

- **If 5 counts or greater**

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

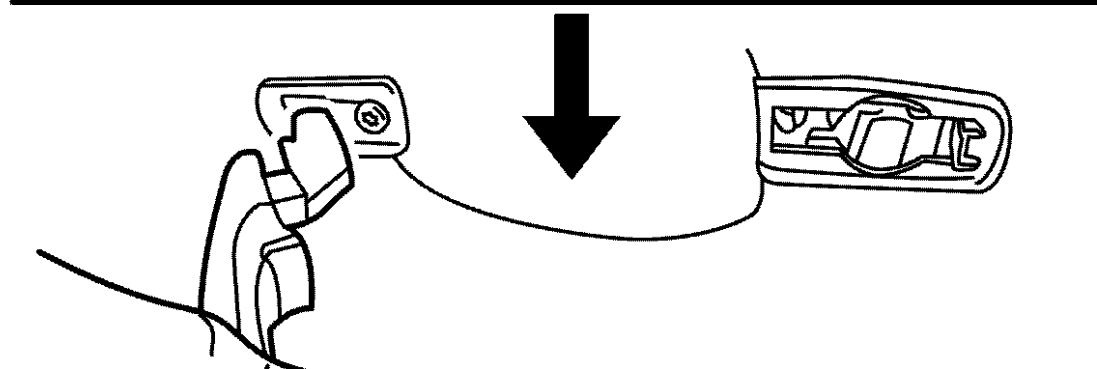
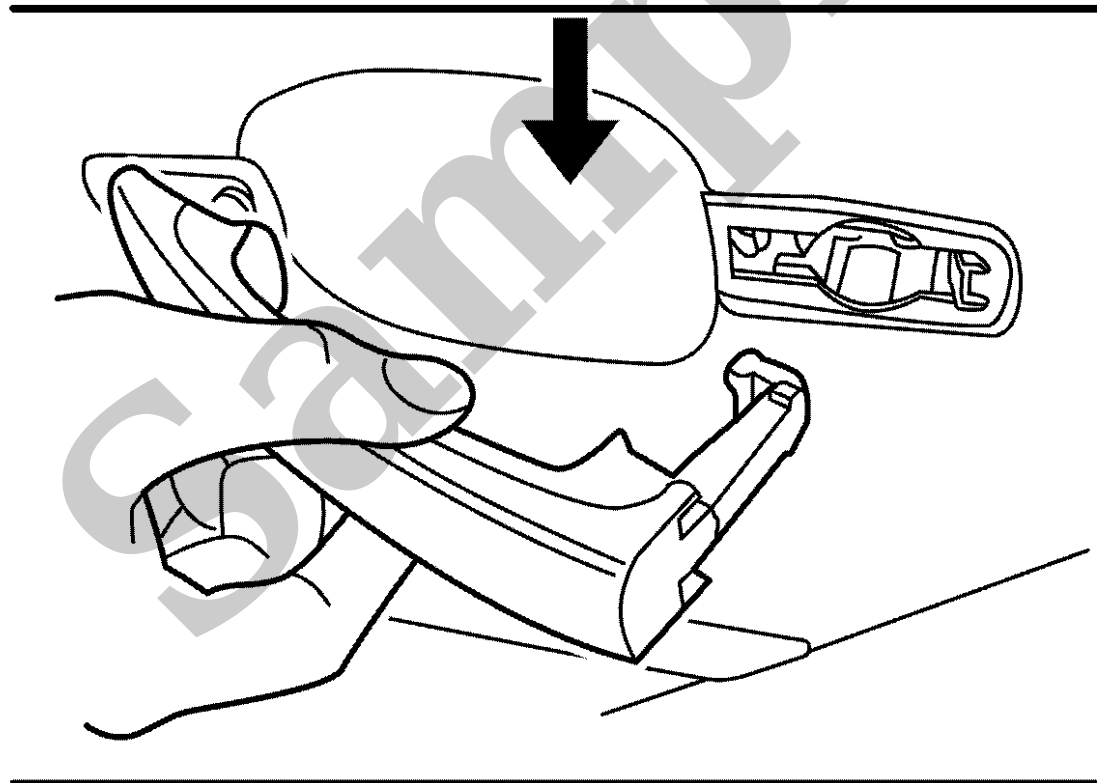
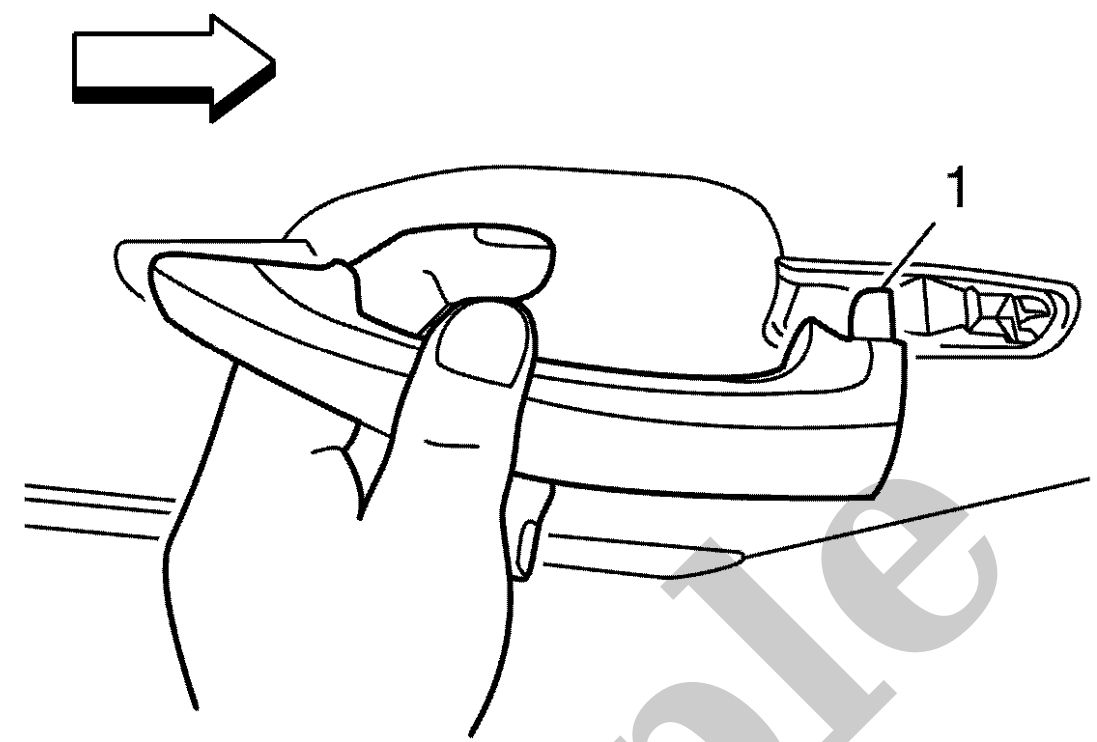
2. Disconnect the electrical connector:K39 Liftgate Control Module

3. Ignition » On / Vehicle » In Service Mode

4. Test for less than 1 V between the test points:Signal circuit terminal 3@Component harness&Ground

- If 1 V or greater » Repair the short to voltage on the circuit.
- If less than 1 V

5. Ignition/Vehicle » Off



## 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:



[Schematics RPO Code List](#)

**Z88** Z88: MARKET BRAND-GMC

[Schematics RPO Code List](#)

**CAV\_8** 8

**F2UA** F2UA 60A

[B+ Bus X50A Fuse Block - Underhood \(1 of 2\)](#)

[F1UA, F2UA, F3UA, F4UA, F6UA, F10UA, F13UA, F14UA, F17UA, F23UA, F25UA, and F35UA](#)

[X50A Fuse Block - Underhood Top View](#)

**F35UA** F35UA 25A

[B+ Bus X50A Fuse Block - Underhood \(1 of 2\)](#)

[F1UA, F2UA, F3UA, F4UA, F6UA, F10UA, F13UA, F14UA, F17UA, F23UA, F25UA, and F35UA](#)

[X50A Fuse Block - Underhood Top View](#)

**G121** G121

[G121](#)

[G121](#)

**X185** X185

[Chassis Harness Routing](#)

[Body Harness Routing - Engine Compartment Top](#)

[X185 Chassis Harness to Body Harness](#)

**G218** G218

[G218 \(1 of 2\)](#)

[G218 \(2 of 2\)](#)

[G218](#)

**X50A** X50A Fuse Block - Underhood

[Left Side of Engine Compartment Component View](#)

[X50A Fuse Block - Underhood X1](#)

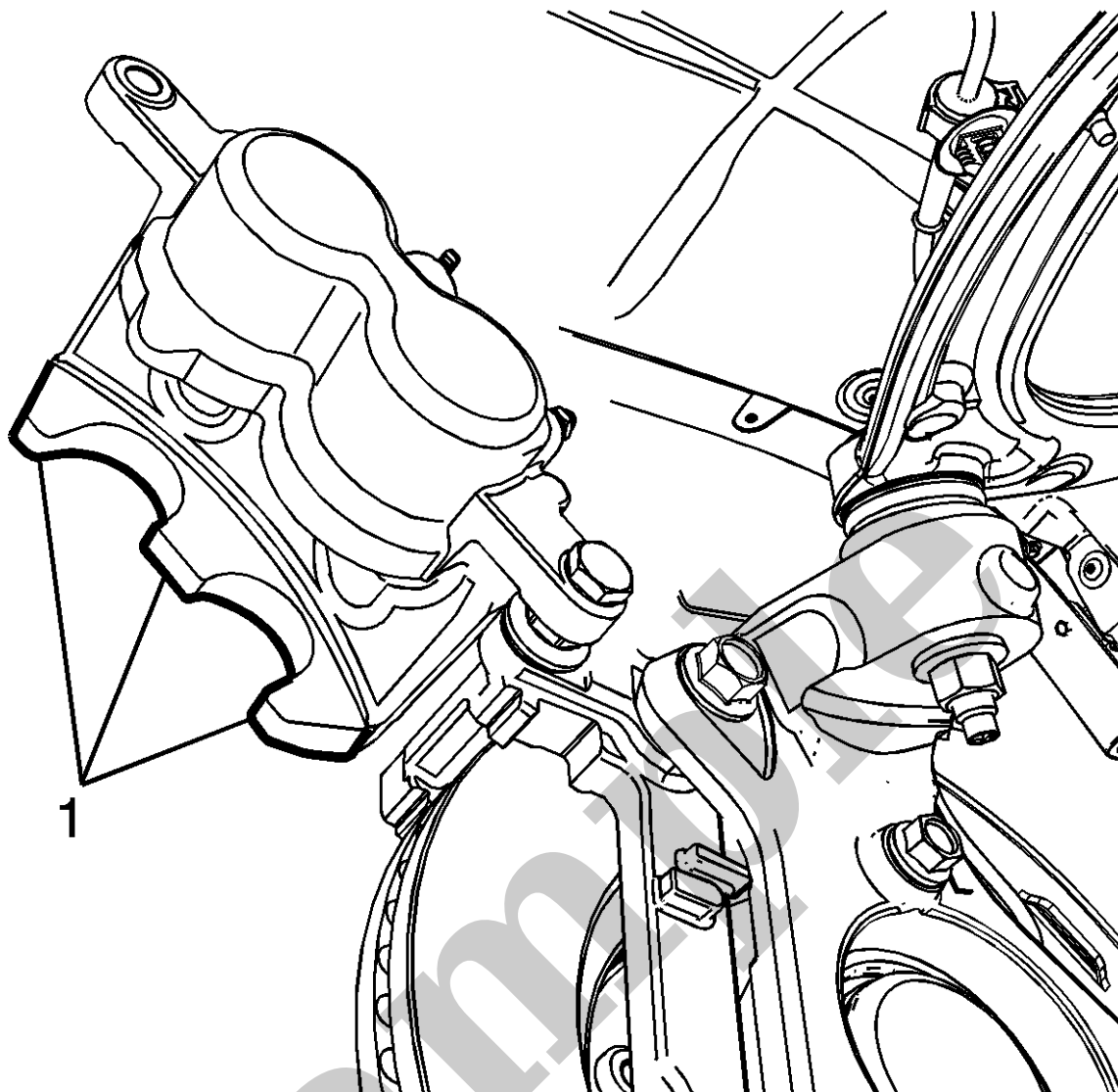
[X50A Fuse Block - Underhood X2](#)

[X50A Fuse Block - Underhood X3](#)

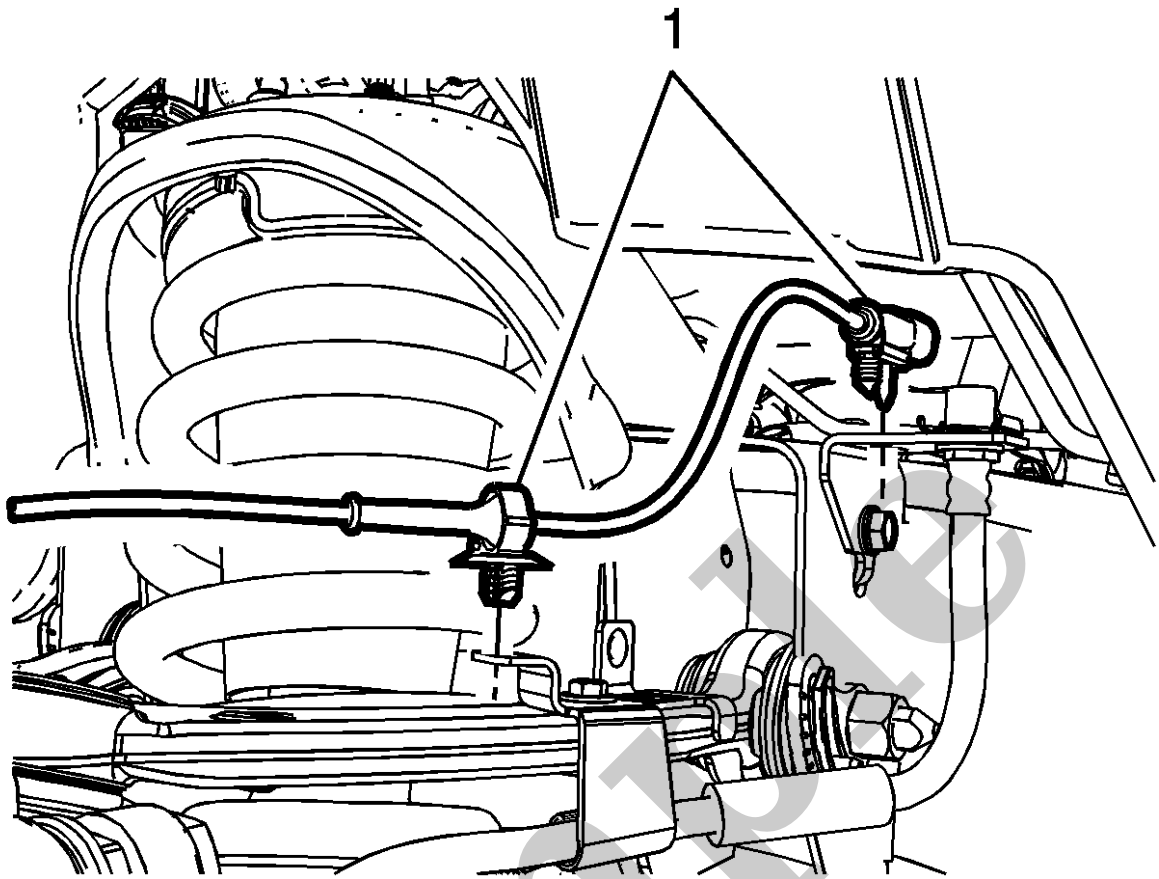
[X50A Fuse Block - Underhood X4](#)

[X50A Fuse Block - Underhood X5](#)

[X50A Fuse Block - Underhood X6](#)

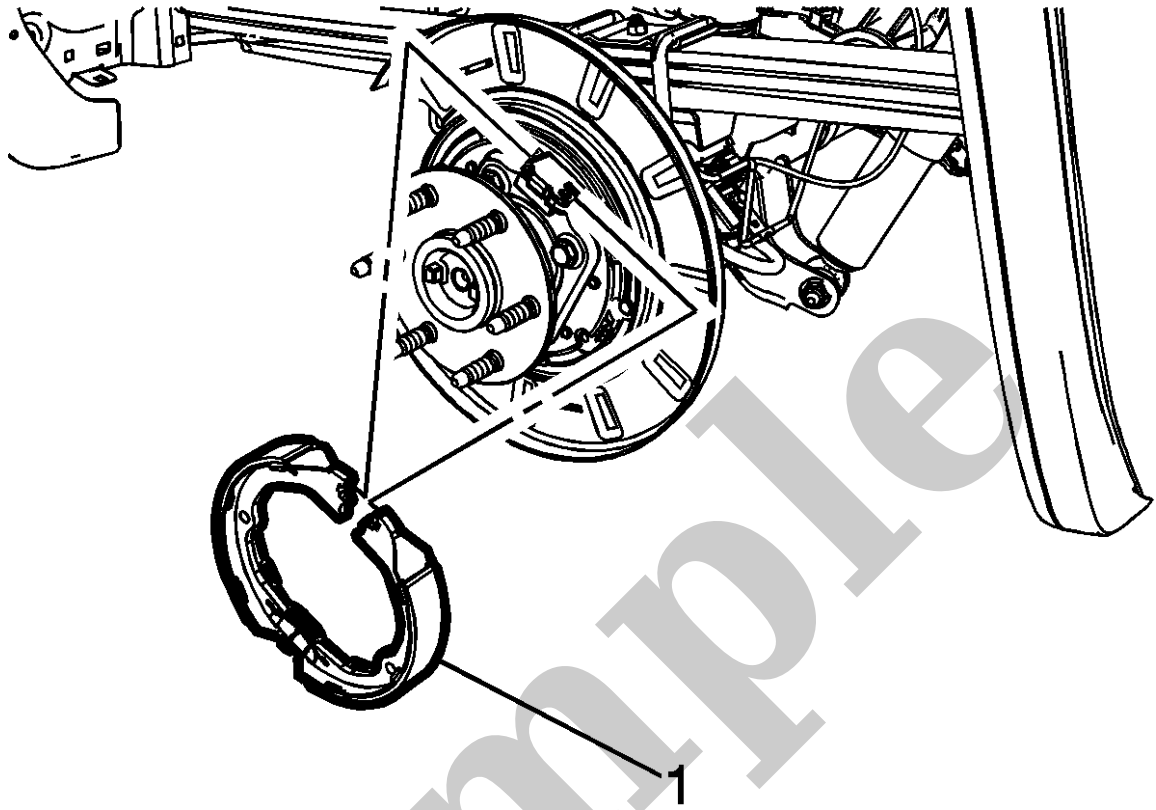


8. Thoroughly clean the brake caliper housing (1) of any adhesive residue from the removed disc brake pads.



5.

Release the wheel speed sensor harness retainers (1) from the brake hose brackets.



6.

Install the park brake shoes (1) by grasping the shoes near the park brake shoe actuator, spread the park brake shoes apart and lift around the rear axle hub.