

# 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.

## 2015 Chevrolet City Express Service and Repair Manual

[Go to manual page](#)

- **If the test lamp turns ON during each of the commands**

6. Test or replace the M77D Outside Rearview Mirror Motor-Driver.

#### **Passenger Outside Mirror Movement Malfunction**

1. Ignition OFF, disconnect the X610 inline harness connector at the A9B Outside Rearview Mirror-Passenger. Ignition ON

2. Connect a test lamp between the control circuit terminal 12 and control circuit terminal 9.

3. Verify the test lamp turns ON when commanding the UP and DOWN states with the S52 Outside Rearview Mirror Switch.

- **If the test lamp remains OFF during either of the commands**

1. Ignition OFF, remove the test lamp, disconnect the harness connector at the S52 Outside Rearview Mirror Switch.

2. Test for infinite resistance between each control circuit and ground.

- If less than infinite resistance, repair the short to ground on the circuit.
- If infinite resistance

3. Test for less than 2  $\Omega$  in each control circuit end to end.

- If 2  $\Omega$  or greater, repair the open/high resistance in the circuit.
- If less than 2  $\Omega$ , test or replace the S52 Outside Rearview Mirror Switch.

- **If the test lamp is always ON**

1. Ignition OFF, remove the test lamp, disconnect the harness connector at the S52 Outside Rearview Mirror Switch, ignition ON.

2. Test for less than 1 V between each control circuit and ground.

- If 1 V or greater, repair the short to voltage on the circuit.
- If less than 1 V, test or replace the S52 Outside Rearview Mirror Switch

- **If the test lamp turns ON during each of the commands**

4. Connect a test lamp between the control circuit terminal 12 and control circuit terminal 10.

5. Verify the test lamp turns ON when commanding the LEFT and RIGHT states with the S52 Outside Rearview Mirror Switch.

- **If the test lamp remains OFF during either of the commands**

Inputs to the power liftgate may be disabled during the relearn procedure

### Conditions for Clearing the DTC

- The DTC will be current until the liftgate calibration procedure has been completed.
- When the calibration procedure has been completed the DTC will be a history DTC.

### Diagnostic Aids

Setting B1019 00 is normal after programming the liftgate control module. This DTC will be current after programming and the DTC will go to history after learning. This is a normal behavior by design and is not necessary to replace the liftgate control module.

### Reference Information

#### Schematic Reference

[Liftgate Schematics](#)

#### Connector End View Reference

[Master Electrical Component List](#)

#### Description and Operation

[Liftgate Description and Operation](#)

#### Electrical Information Reference

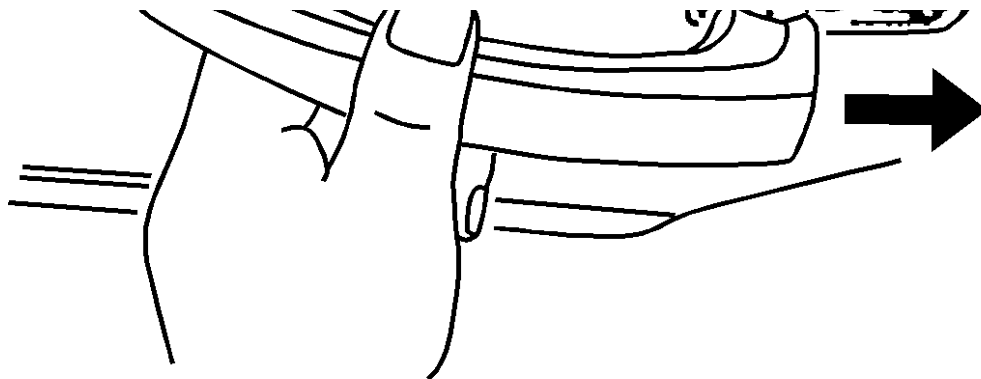
- [Circuit Testing](#)
- [Connector Repairs](#)
- [Testing for Intermittent Conditions and Poor Connections](#)
- [Wiring Repairs](#)

#### Scan Tool Reference

[Control Module References](#) for scan tool information

### Circuit/System Testing

1. Ignition ON.
2. Perform the [Liftgate Calibration](#). The K39 Liftgate Control Module should learn the travel limits, exit the calibration mode, and B1019 00 will become a history code.



1.

#### NOTE

##### Note

The front side door outside handle can Not be install until the counter balance (1) and handle is reset.

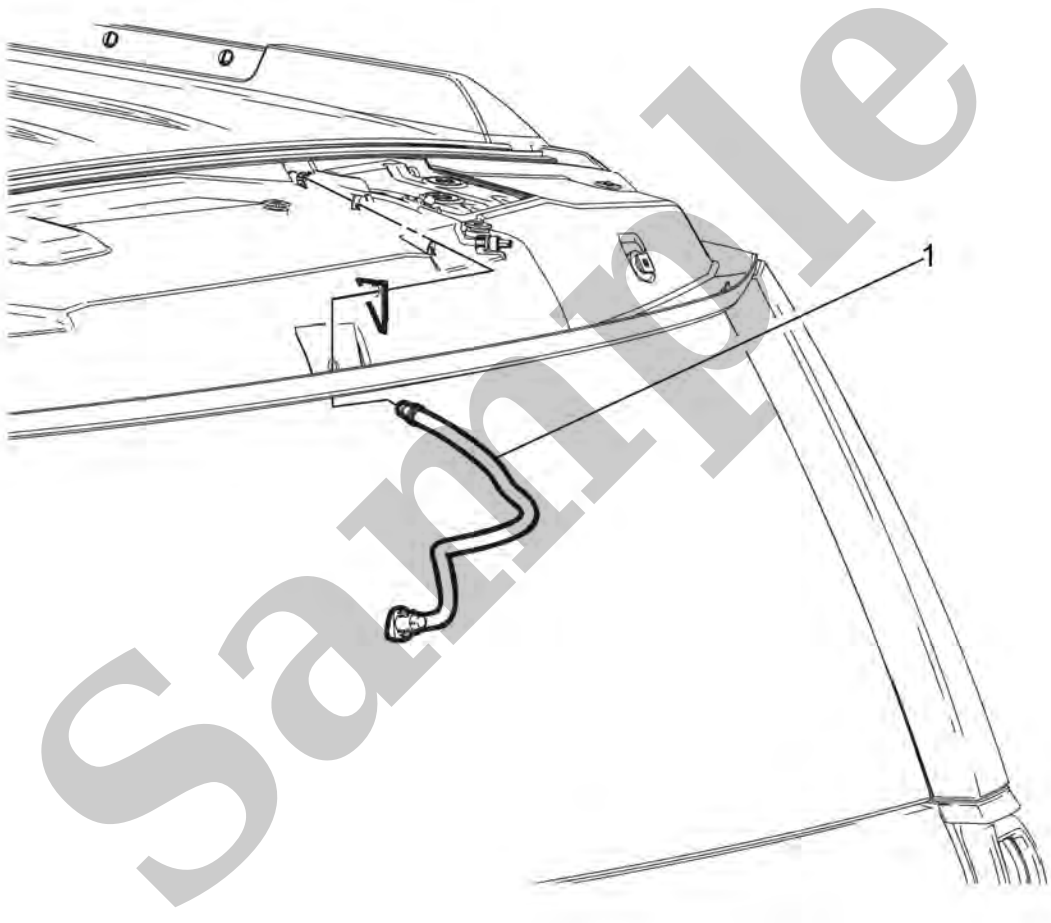
Install the front side door outside handle (1) to the door (2).

2. Insert the front side door handle into the door handle pocket.
3. Slide the front side door handle forward securing it into the door handle bracket.

YOUR CURRENT VEHICLE

## Rear Window Washer Nozzle Replacement

### Rear Window Washer Nozzle Replacement



### Rear Window Washer Nozzle Replacement

Callout	Component Name
<b>Preliminary Procedure</b> Remove the rear end spoiler retainer cover. Refer to <a href="#">Rear End Spoiler Retainer Cover Replacement</a> .	
1	Rear Window Washer Nozzle <b>Procedure</b>

## YOUR CURRENT VEHICLE

### DTC C0186, C0187, C0196, or C0287

#### DTC C0186, C0187, C0196, or C0287 (With UGN)

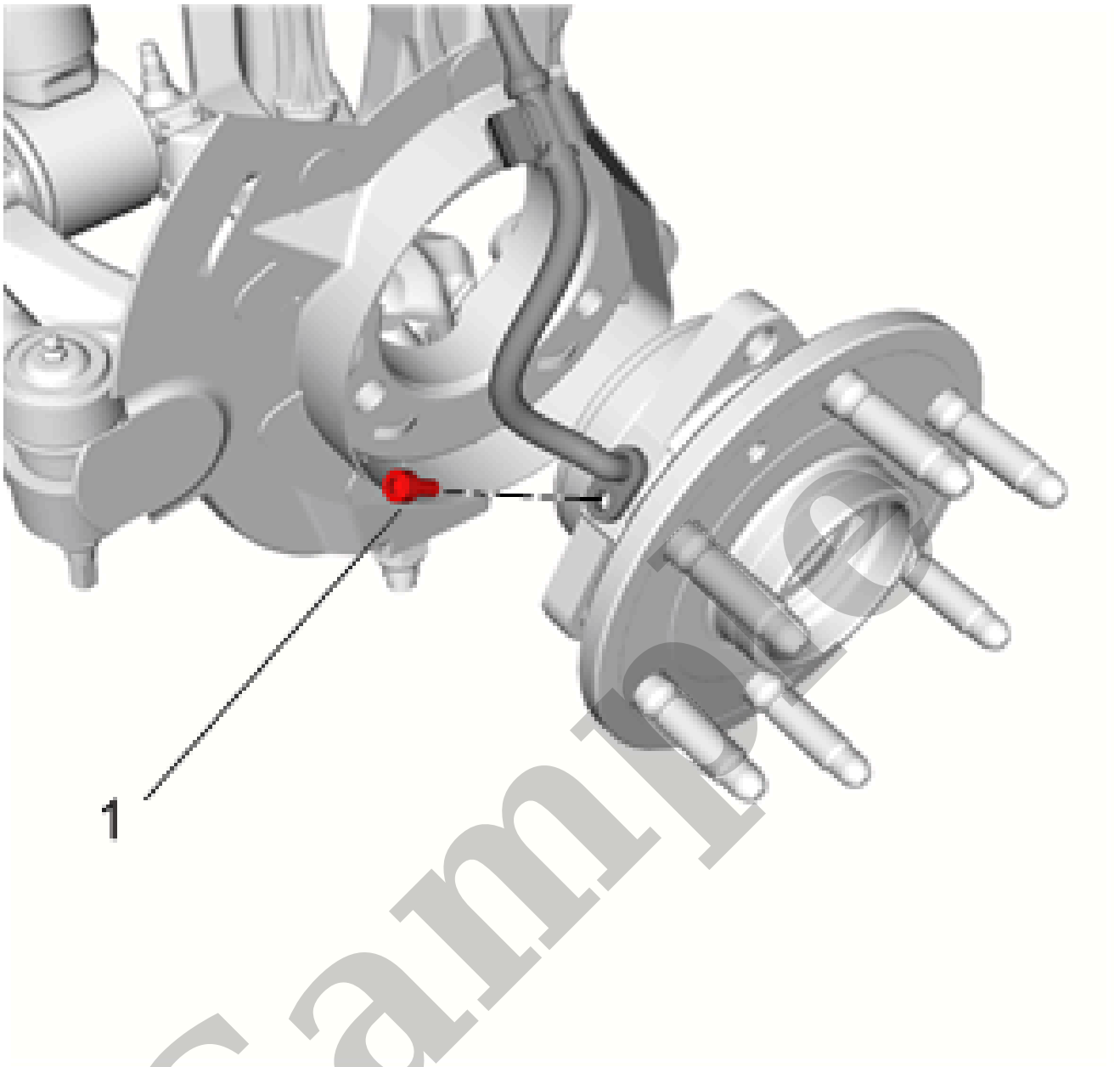
#### Diagnostic Instructions

- 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

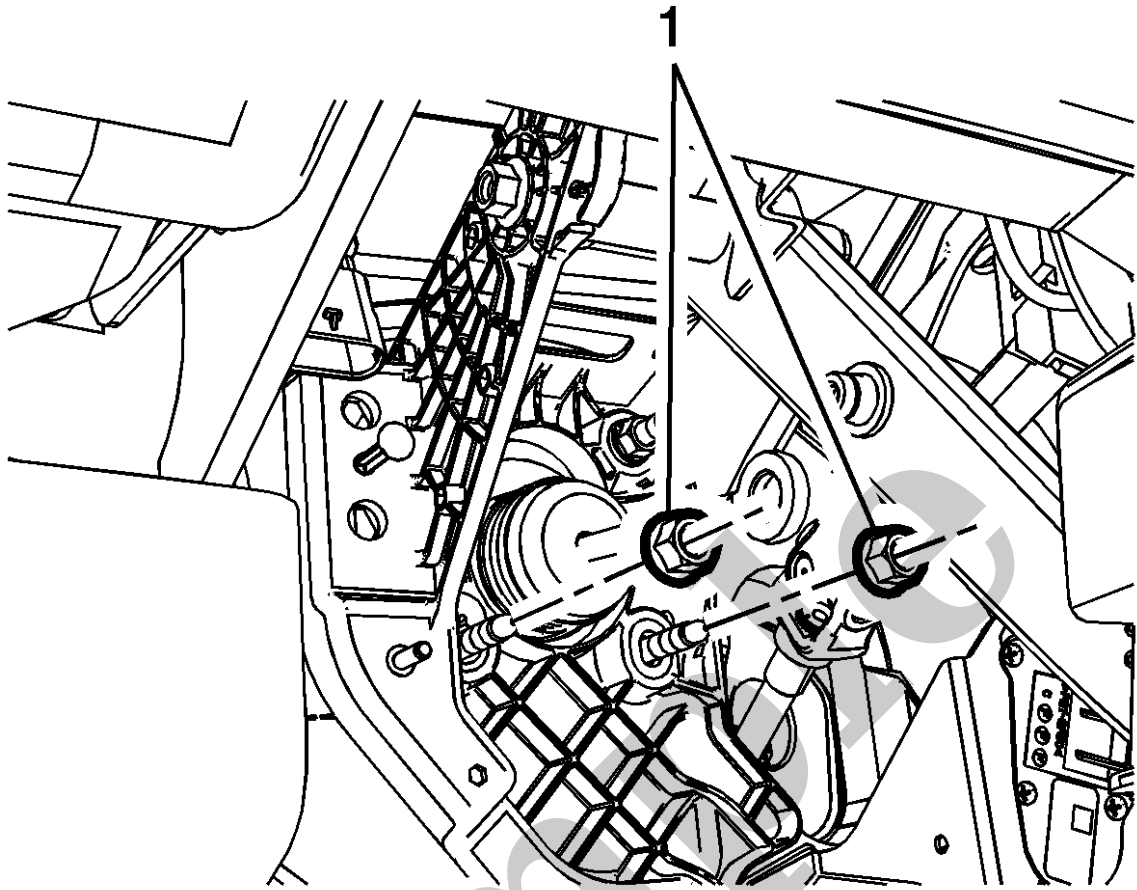
<b>DTC C0186</b>	Lateral Acceleration Sensor Signal (Electronic Brake Control Module)
<b>DTC C0187</b>	Multi-Axis Acceleration Sensor Circuit (Electronic Brake Control Module)
<b>DTC C018B</b>	Lateral Acceleration Sensor Signal (Multi-axis Acceleration Sensor)
<b>DTC C0196</b>	Yaw Rate Signal (Inflatable Restraint Sensing and Diagnostic Module and/or Electronic Brake Control Module)
<b>DTC C019B</b>	Yaw Rate Signal (Multi-axis Acceleration Sensor)
<b>DTC C027E</b>	Longitudinal Acceleration Sensor Signal Not Plausible (Multi-axis Acceleration Sensor)
<b>DTC</b>	Longitudinal Acceleration Sensor Signal (Inflatable Restraint Sensing and Diagnostic Mod





10.

Wheel Speed Sensor Bolt(1) »Remove



5.

Install the lower power brake booster nuts (1) and tighten to **33 N·m (24 lb ft)** .



**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](#)

**P9** P9 Driver Information Center Display

Sample