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2017 CHEVROLET Cruze OEM Service and Repair Workshop Manual

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YOUR CURRENT VEHICLE

Exterior Door Handle Switch Malfunction

Exterior Door Handle Switch Malfunction

Diagnostic Instructions

- Perform the Diagnostic System Check prior to using this diagnostic procedure: Diagnostic System Check - Vehicle
- Review the description of Strategy Based Diagnosis: Strategy Based Diagnosis
- An overview of each diagnostic category can be found here: Diagnostic Procedure Instructions

Diagnostic Fault Information

Circuit	Short to Ground	Open/High Resistance	Short to Voltage	Signal Performance
Signal—B27D Door Handle Switch - Driver Exterior	B3849 02	1	1	—
Signal—B27P Door Handle Switch - Passenger Exterior	B1474 02	2	2	—
Signal—B27LR Door Handle Switch - Left Rear Exterior	B1534 02	3	3	—
Signal—B27RR Door Handle Switch - Right Rear Exterior	B1535 02	4	4	—
Ground—B27D Door Handle Switch - Driver Exterior	—	1	—	—

X500 Driver Door Harness to Body Harness

X505 X505

Driver Door Harness Routing

X505 Driver Door Harness to Driver Door Panel Harness

X600 X600

Body Harness Routing - Right Front of Passenger Compartment

Passenger Door Harness Routing

X600 Passenger Door Harness to Body Harness (-A45)

X600 Passenger Door Harness to Body Harness (ATH/Z75/AN3)

X605 X605

Passenger Door Harness Routing

X605 Passenger Door Harness to Passenger Door Panel Harness (-A45)

X605 Passenger Door Harness to Passenger Door Panel Harness (ATH/Z75/AN3)

P16 P16 Instrument Cluster

Front of Instrument Panel Components (X88/Z88 with D07/DCK)

Front of Instrument Panel Components (Z75)

Front of Instrument Panel Components (X88/Z88 without D07/DCK)

P16 Instrument Cluster X1 (UDC/UDD)

P16 Instrument Cluster X1 (UDV)

P16 Instrument Cluster X2 (UV6)

A23D A23D Door Latch Assembly - Driver

Driver Door Components (X88 or Z88)

Driver Door Components (Z75)

A23D Door Latch Assembly - Driver (X88/Z88)

A23D Door Latch Assembly - Driver (Z75)

A23P A23P Door Latch Assembly - Passenger

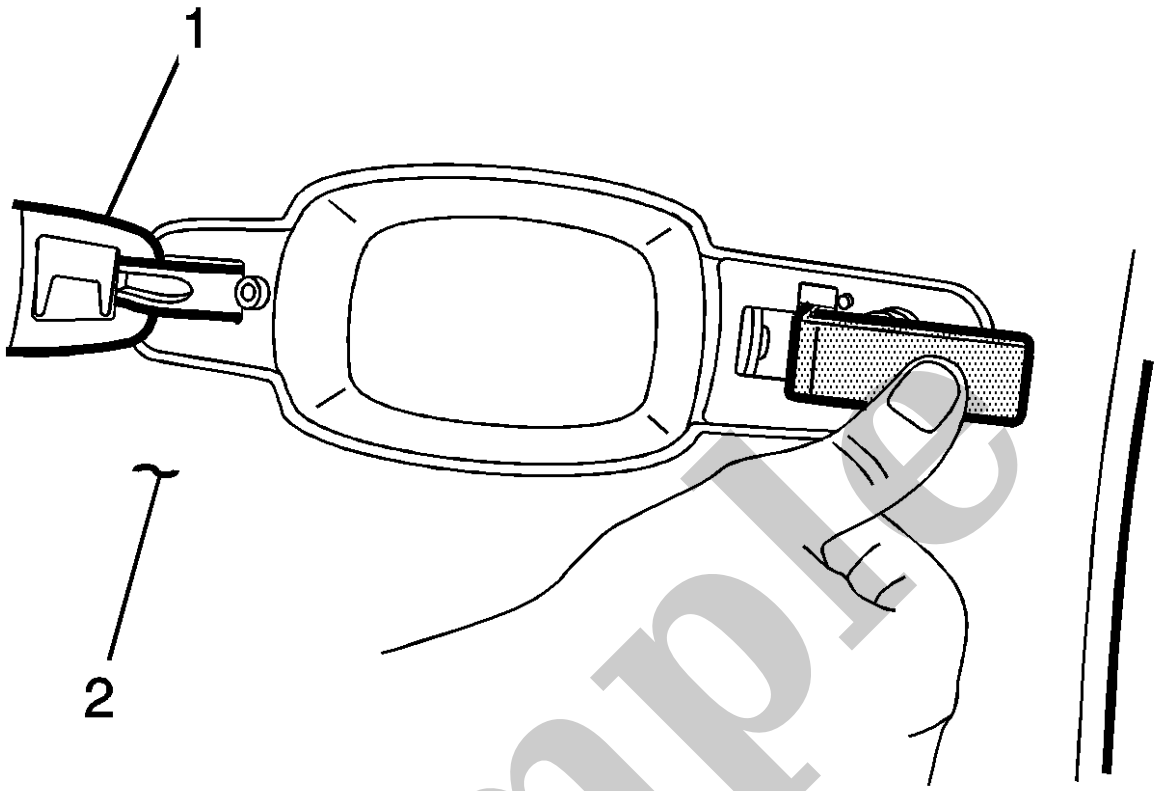
Passenger Door Components (X88 or Z88)

Right Rear Door Components (X88 or Z88)

Passenger Door Components (Z75)

A23P Door Latch Assembly - Passenger (-A45)

A23P Door Latch Assembly - Passenger (ATH/Z75/AN3)



1.

While holding **BO-51363** ***Door Handle Spring Retainer*** in place, install rear side door outside handle (1) into door (2) at approximately a 90 degree angle to door (2).

serial data to disable the traction control. The electronic brake control module will request the instrument cluster via serial data to turn the traction control off indicator ON to notify the driver of the deactivation.

When the traction control switch is pressed and held for 5 s, the body control module will request the electronic brake control module to disable the traction control and the electronic stability control. The electronic brake control module will request the instrument cluster via serial data to turn the traction control off and stability control off indicator ON to notify the driver of the deactivation.

Conditions for Running the DTC

Ignition ON

Conditions for Setting the DTC

The body control module detects a short to ground on the signal circuit.

Action Taken When the DTC Sets

The body control module ignores the traction control switch signal input.

Conditions for Clearing the DTC

- The DTC clears when the diagnostic runs and passes.
- The history DTC will clear after 40 consecutive fault-free ignition cycles have occurred.

Reference Information

Schematic Reference

Antilock Brake System Schematics

Connector End View Reference

Master Electrical Component List

Description and Operation

ABS Description and Operation

Electrical Information Reference

- Circuit Testing
- Connector Repairs
- Testing for Intermittent Conditions and Poor Connections

YOUR CURRENT VEHICLE

Fastener Specifications

Fastener Specifications

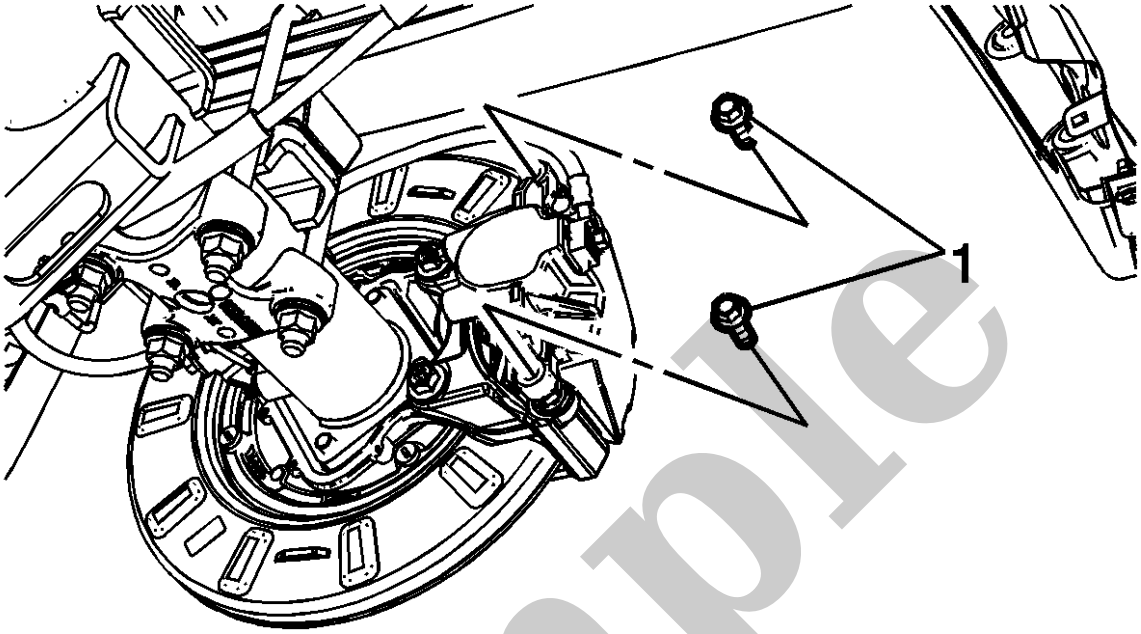
Reusable Threaded Fastener Tightening Specifications

NOTE

Note

All fasteners listed in this table can be reused after removal.

Application	Specification
	Metric (English)
Brake Pipe Fitting - Left Front, Left Rear, Right Rear, Right Front	18 N·m (13 lb ft)
Brake Pressure Modulator Valve Bolt	10 N·m (89 lb in)
Brake Pressure Modulator Valve Bracket Bolt	22 N·m (16 lb ft)
Brake Pressure Modulator Valve Primary Pipe Fitting	32 N·m (24 lb ft)
Brake Pressure Modulator Valve Secondary Pipe Fitting	32 N·m (24 lb ft)
Electronic Brake Control Module Bolt	3 N·m (27 lb in)
Wheel Speed Sensor Bolt - Front and Rear	13 N·m (115 lb in)



9. Using a backup wrench on the brake caliper guide pins, install the brake caliper guide pin bolts (1) and tighten to ***52 N·m (38 lb ft)*** .
10. Install the tire and wheel assembly. Tire and Wheel Removal and Installation.

YOUR CURRENT VEHICLE

Hydraulic Brake System Bleeding

Hydraulic Brake System Bleeding (Pressure)

Special Tools

- **CH-29532-A** ***Pressure Brake Bleeder***
- **CH-35589-A** ***Brake Bleeder Adapter***

WARNING

Warning

Refer to Brake Fluid Irritant Warning.

CAUTION

Caution

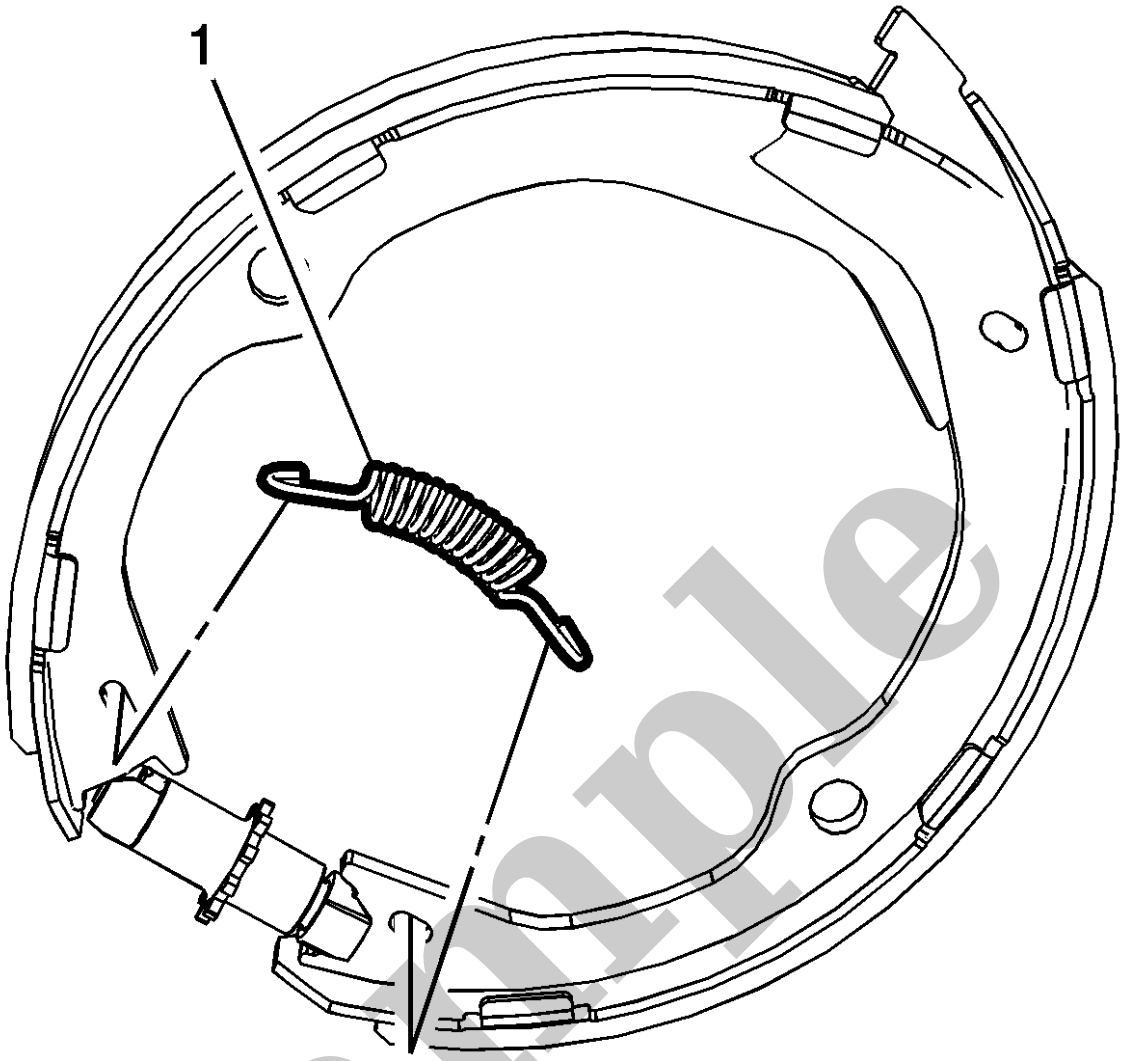
Refer to Brake Fluid Effects on Paint and Electrical Components Caution.

CAUTION

Caution

Only use products that comply with GM specifications and check manufacturer information respectively. We recommend the use of GM genuine products. Instructions must be followed at all times. The use of any type of fluid other than the recommended type of brake fluid, may cause contamination which could result in damage to the internal rubber seals and/or rubber linings of hydraulic brake system components.

1. Place a clean shop cloth beneath the brake master cylinder to prevent brake fluid spills.
2. With the ignition OFF and the brakes cool, apply the brakes 3–5 times, or until the brake pedal eff increases significantly, in order to deplete the brake booster power reserve.



2.

Cross the top of one of the park brake shoe over the opposite park brake shoe.

3. Install the park brake shoe return spring (1).

4. Clean the rear brake shield.

5. Apply high temperature brake lubricant to the park brake shoe to rear brake shield contact points.