

# 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.

## 2011 Chevrolet Cruze Service and Repair Manual

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YOUR CURRENT VEHICLE

## Brake and Accelerator Pedal Adjuster Position Sensor Replacement

### Brake and Accelerator Pedal Adjuster Position Sensor Replacement

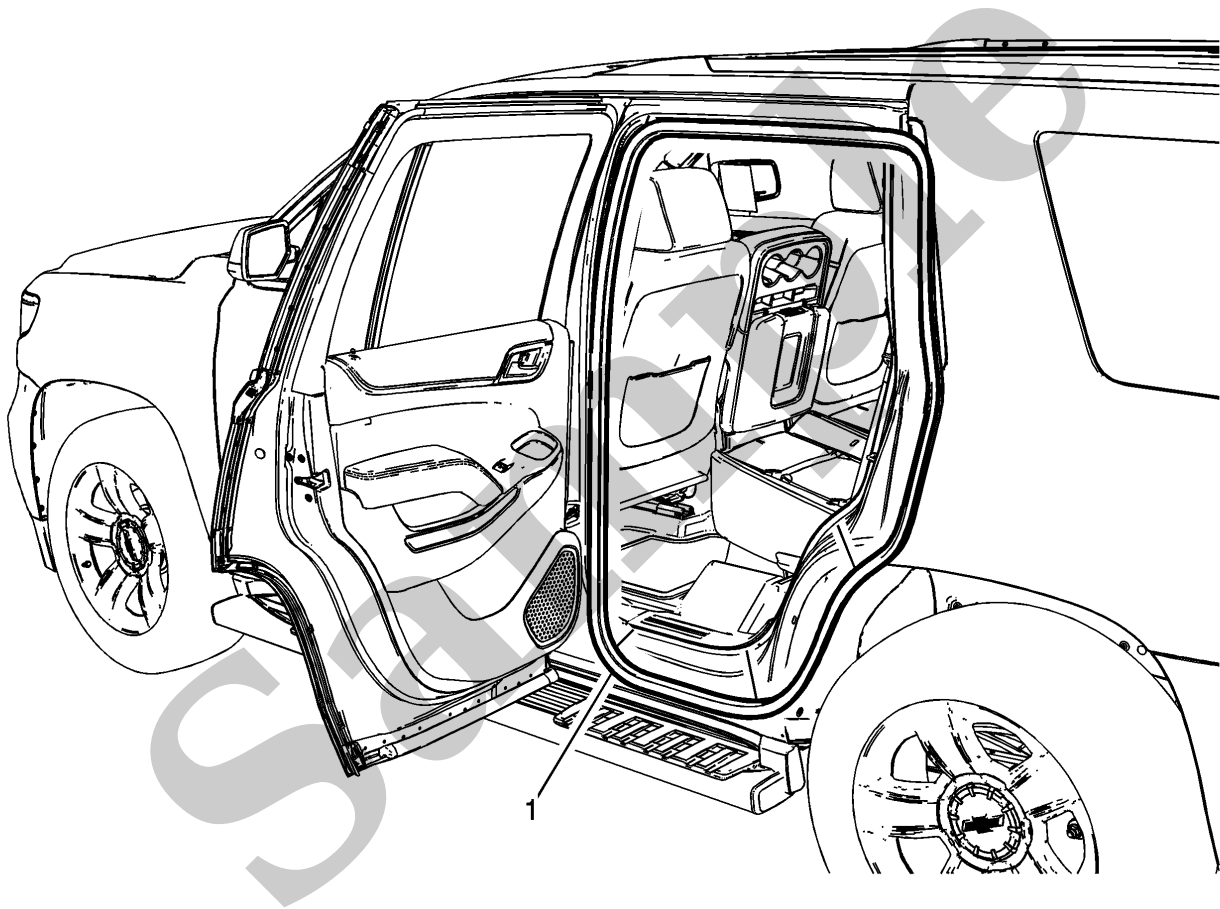
#### Removal Procedure

1. Turn the ignition switch to the OFF position.
2. Disconnect the brake and accelerator pedal adjuster position sensor jumper harness electrical connector.
3. Release the jumper harness from the accelerator pedal routing clips.

YOUR CURRENT VEHICLE

## Rear Side Door Weatherstrip Replacement - Body Side

Rear Side Door Weatherstrip Replacement - Body Side (Short Wheelbase)



### Rear Side Door Weatherstrip Replacement - Body Side

Callout	Component Name
<p><b>Preliminary Procedures</b></p> <ol style="list-style-type: none"><li>1. Open the rear side door.</li><li>2. Remove the rear side door sill garnish molding. Refer to <a href="#">Rear Side Door Sill Garnish Molding Replacement</a>.</li></ol>	



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)
Back Body Opening Side Molding Bolt	2.5N·m(22 lb in)
Front Fender Paint Protector Bolt	2.5N·m(22 lb in)
Front Upper Grille Bolt	7N·m(62 lb in)
Front Wheel Opening Molding Bolt	2.5N·m(22 lb in)
Hood Front Molding Nut	2.5N·m(22 lb in)
Rear Closure Center Applique Nut	4.7N·m(42 lb in)
Rear End Spoiler Bolt	7N·m(62 lb in)
Rear End Spoiler Nut	9N·m(80 lb in)
Rear End Spoiler Retainer Cover Bolt	2.5N·m(22 lb in)

Callout	Component Name
1	<p>Rivet (Qty: 2)</p> <div data-bbox="240 266 1528 349"> <b>WARNING</b> </div> <div data-bbox="240 349 1528 495"> <p><b>Warning</b></p> <p>Eye protection must be worn when drilling rivets to reduce the chance of personal injury.</p> </div> <p><b>Procedure</b></p> <p>Using a twist type drill, remove the rivets.</p>
2	<p>Front Side Door Window Upper Reveal Molding</p> <p><b>Procedure</b></p> <ol style="list-style-type: none"> <li>1. Reposition the front side door window weatherstrip to gain access to the clips.</li> <li>2. Using the appropriate tool, release the three retaining clips and pull molding outward to remove from door.</li> </ol>

Callout	Component Name
	<div>CAUTION</div> <div>Caution</div> <div>Refer to <a href="#">Fastener Caution</a>.</div> <div><div>Tighten:</div><div>12 N·m (106 lb in)</div></div>
2	Front Frame Heat Shield - Front Axle Bushing

Callout	Component Name
1	<p data-bbox="231 208 810 241">Instrument Panel Lower Trim Plate Applique</p> <p data-bbox="296 257 440 286"><b>Procedure</b></p> <ol data-bbox="268 313 1493 629" style="list-style-type: none"><li data-bbox="268 313 858 347">1. Open the radio control compartment door.</li><li data-bbox="268 369 1029 403">2. Apply masking tape around the trim to prevent damage.</li><li data-bbox="268 425 1493 510">3. Use a flat bladed plastic trim tool in order to release the retainer clips securing the applique to the instrument carrier.</li><li data-bbox="268 533 911 566">4. Disconnect electrical connections, if applicable.</li><li data-bbox="268 589 756 622">5. Transfer components as necessary.</li></ol>

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

- If 2  $\Omega$  or greater, repair the open/high resistance in the circuit.
- If less than 2  $\Omega$ , replace the KR53 Park Lamps Relay.

◦ **If the test lamp is always ON**

1. Ignition OFF, disconnect the appropriate harness connector listed below at the X50A Fuse Block – Underhood, ignition ON.

- X1 – Front Park Lamps
- X5 – Rear Park Lamps

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

- If 1 V or greater, repair the short to voltage on the circuit.
- If less than 1 V, replace the KR53 Park Lamps Relay.

◦ **If the test lamp turns ON and OFF**

11. Test or replace the park/marker lamp.

**Park/Daytime Running Lamps Malfunction – Front (with Y91)**

1. Ignition OFF, exterior lamps OFF, all doors closed, open and close drivers door, disconnect the harness connector at the appropriate component listed below. It may take up to 2 min for all vehicle systems to power down.

- E13LA Headlamp Assembly – Left
- E13RA Headlamp Assembly – Right

2. Test for less than 15  $\Omega$  between the appropriate ground circuit terminal listed below and ground.

- E13LA Headlamp Assembly – Left terminal 1 and terminal 4
- E13RA Headlamp Assembly – Right terminal 1 and terminal 4

◦ **If 15  $\Omega$  or greater**

1. Ignition OFF.

2. Test for less than 2  $\Omega$  in the ground circuit end to end.

- 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 15  $\Omega$**



**3203\_WH/BU** 3203 WH/BU

**CAV\_M4** M4

**CAV\_D2** D2

**CAV\_6** 6

**250\_BK** 250 BK

**250\_BK** 250 BK

**250\_BK** 250 BK

**250\_BK** 250 BK

**1315\_RD** 1315 RD

**3203\_YE** 3203 YE

**1315** Right Front Turn Signal Lamp Control

**1315** Right Front Turn Signal Lamp Control

**1315** Right Front Turn Signal Lamp Control

**1315** Right Front Turn Signal Lamp Control

**1315\_GN/VT** 1315 GN/VT

**DL3** DL3: MIRROR O/S-LH and RH, REMOTE CONTROL, ELECTRIC, HEATED, POWER FOLDING, TURN SIG IND, LT SENSITIVE, COLOR

[Schematics RPO Code List](#)

**DR4** DR4: MIRROR O/S-LH and RH, REMOTE CONTROL, ELECTRIC, HEATED, LT SENSITIVE, POWER FOLDING, COLOR

[Schematics RPO Code List](#)

**DL3** DL3: MIRROR O/S-LH and RH, REMOTE CONTROL, ELECTRIC, HEATED, POWER FOLDING, TURN SIG IND, LT SENSITIVE, COLOR

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[Schematics RPO Code List](#)

**1315** Right Front Turn Signal Lamp Control

**250** Ground

**250\_BK** 250 BK