2007 ACCESSORIES & EQUIPMENT

Bolted Exterior Body Panels and Closures - Avalanche, Escalade, Suburban, Tahoe & Yukon

SPECIFICATIONS

FASTENER TIGHTENING SPECIFICATIONS

Fastener Tightening Specifications

Application	Specification	
	Metric	English
Cargo Box Bridge Panel	7 N.m	62 lb in
Cargo Drain Cup Screws	1.2 N.m	10 lb in
Check Link Bolt	25 N.m	18 lb ft
Check Strap Nuts	9 N.m	80 lb in
Diagonal Fender Brace	9 N.m	80 lb in
Endgate Cable Screws	25 N.m	18 lb ft
Fender Brace Bolts	9 N.m	80 lb in
Fender Mount Bolts	25 N.m	18 lb ft
Front Side Door Hinge Bolts	25 N.m	18 lb ft
Hood Hinge Bolts	25 N.m	18 lb ft
Hood Hinge Spring Bolt	25 N.m	18 lb ft
Hood Latch Release Cable Nut	9 N.m	80 lb in
Hood Latch Screws	9 N.m	80 lb in
Liftgate Body Side Hinge Nut	25 N.m	18 lb ft
Liftgate Latch Screws	9 N.m	80 lb in
Liftgate Strut Ball Stud	9 N.m	80 lb in
Midgate Bumper	9 N.m	80 lb in
Midgate Glass Retention Latch	2 N.m	18 lb in
Midgate Hinge Bolt	25 N.m	18 lb ft
Radiator Grill Support Screws	9 N.m	80 lb in
Radiator Support Bolts	70 N.m	50 lb ft
Rear Fender Brace Bolts	9 N.m	80 lb in
Rear Side Door Hinge Bolts	25 N.m	18 lb ft
Stowage Lid Bolts	9 N.m	80 lb in
Tie Bar Bolts	9 N.m	80 lb in
Torque Rod Retainer Bolt	12 N.m	106 lb in

REPAIR INSTRUCTIONS

TIE BAR REPLACEMENT - UPPER

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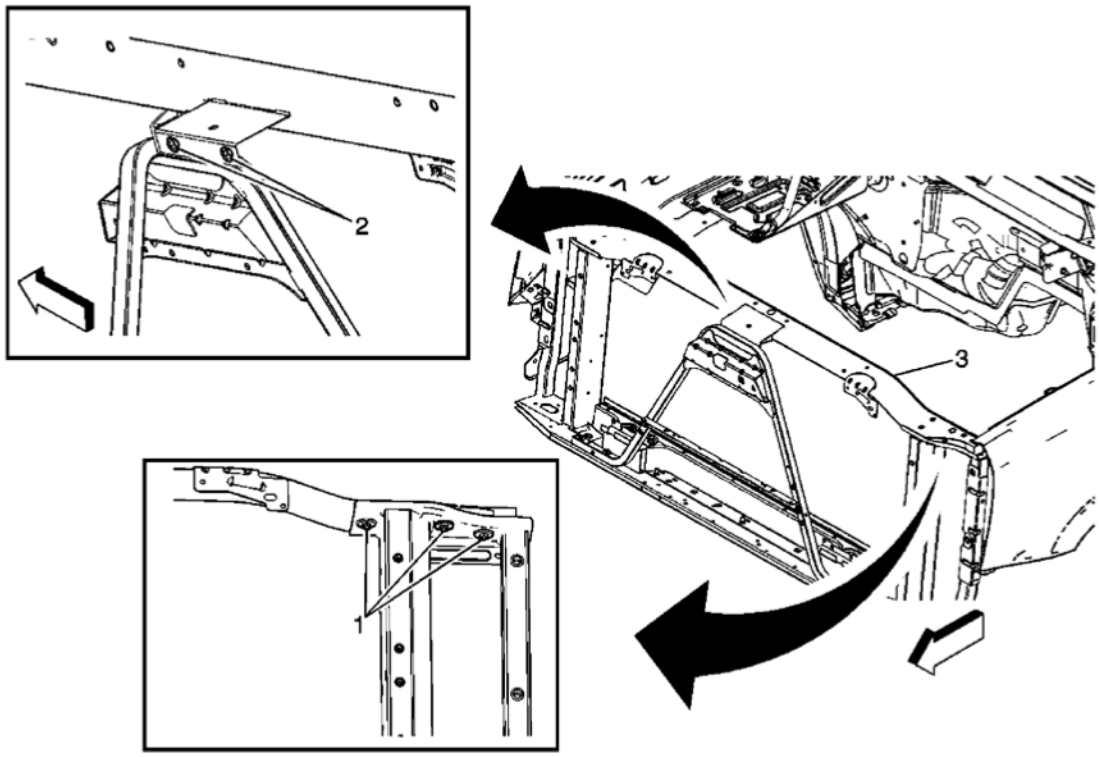


Fig. 1: View Of Upper Tie Bar & Components
Courtesy of GENERAL MOTORS CORP.

Tie Bar Replacement - Upper

Callout	Component Name
Preliminary Procedures 1. Remove the radiator grille reinforcement support. Refer to **Support Replacement - Radiator Grille Reinforcement**. 2. Remove the radiator support diagonal brace. Refer to **Brace Replacement - Radiator Support Diagonal**. 3. Remove the upper fan shroud bolts. Refer to **Cooling Fan and Shroud Replacement** . 4. Remove the upper radiator bolts. Refer to **Radiator Replacement** . 5. Remove the upper condenser bolts. Refer to **Condenser Replacement** .	
1	Upper Tie Bar Bolts (Qty: 6) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 9 N.m (80 lb in)
2	Upper Tie Bar Brace Bolts (Qty: 2)

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	Tighten: 25 N.m (18 lb ft)
3	Upper Tie Bar

BOX REPLACEMENT - CARGO STOWAGE

Removal Procedure

1. Remove the rear compartment cover assembly. Refer to **Cargo Box Front Cover, Center Cover, and Rear Cover Replacement**.
2. Remove the assist handle. Refer to **Assist Handle Replacement - Endgate (Avalanche)** .
3. Remove the cargo box stowage lid assembly. Refer to **Lid Replacement - Cargo Box Stowage Box**.

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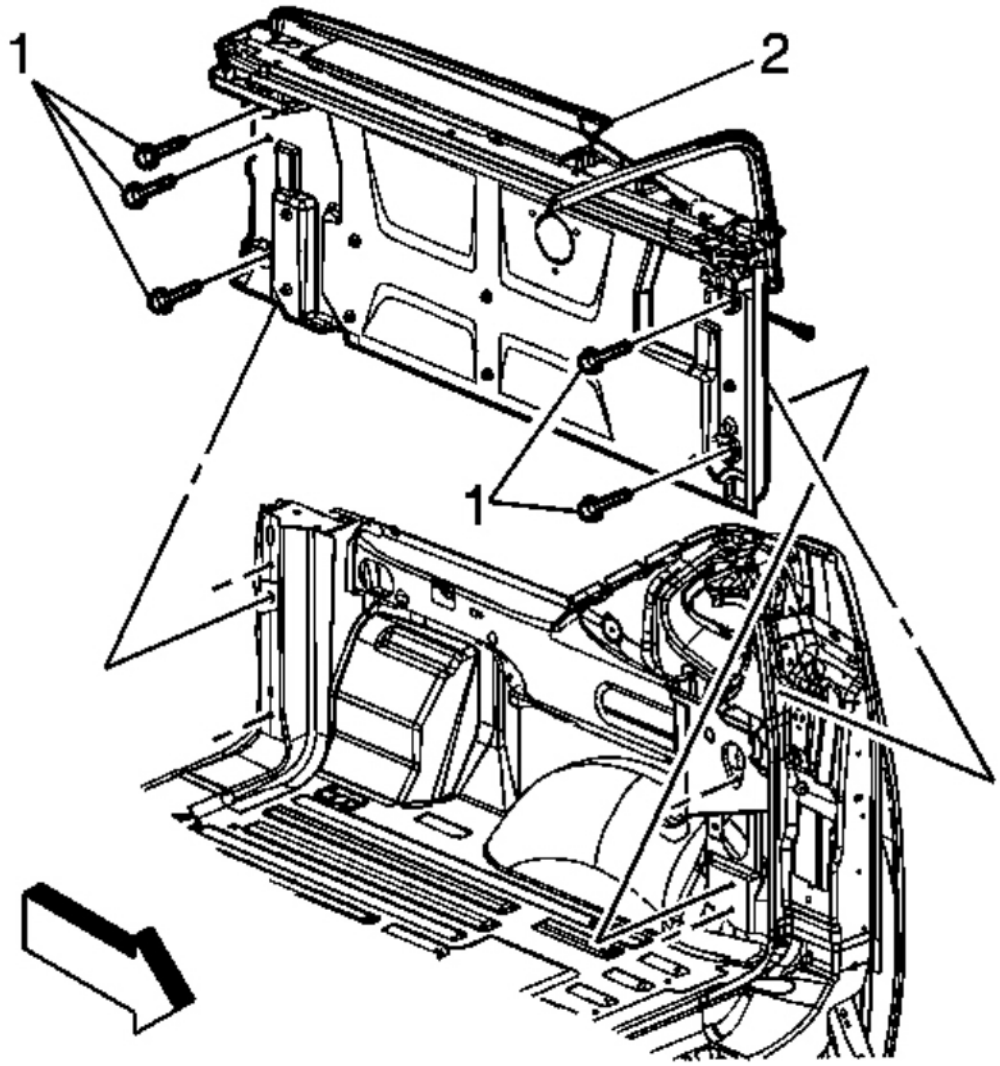


Fig. 2: View Of Body Side Inner Panel Bolts & Cargo Box Stowage Box
Courtesy of GENERAL MOTORS CORP.

4. Remove the lamp socket from the pickup box side courtesy lamp.
5. Remove the cargo tie-down bolts and tie rings from the body side inner panel.
6. Remove the cargo box stowage box (2) from the vehicle.

Installation Procedure

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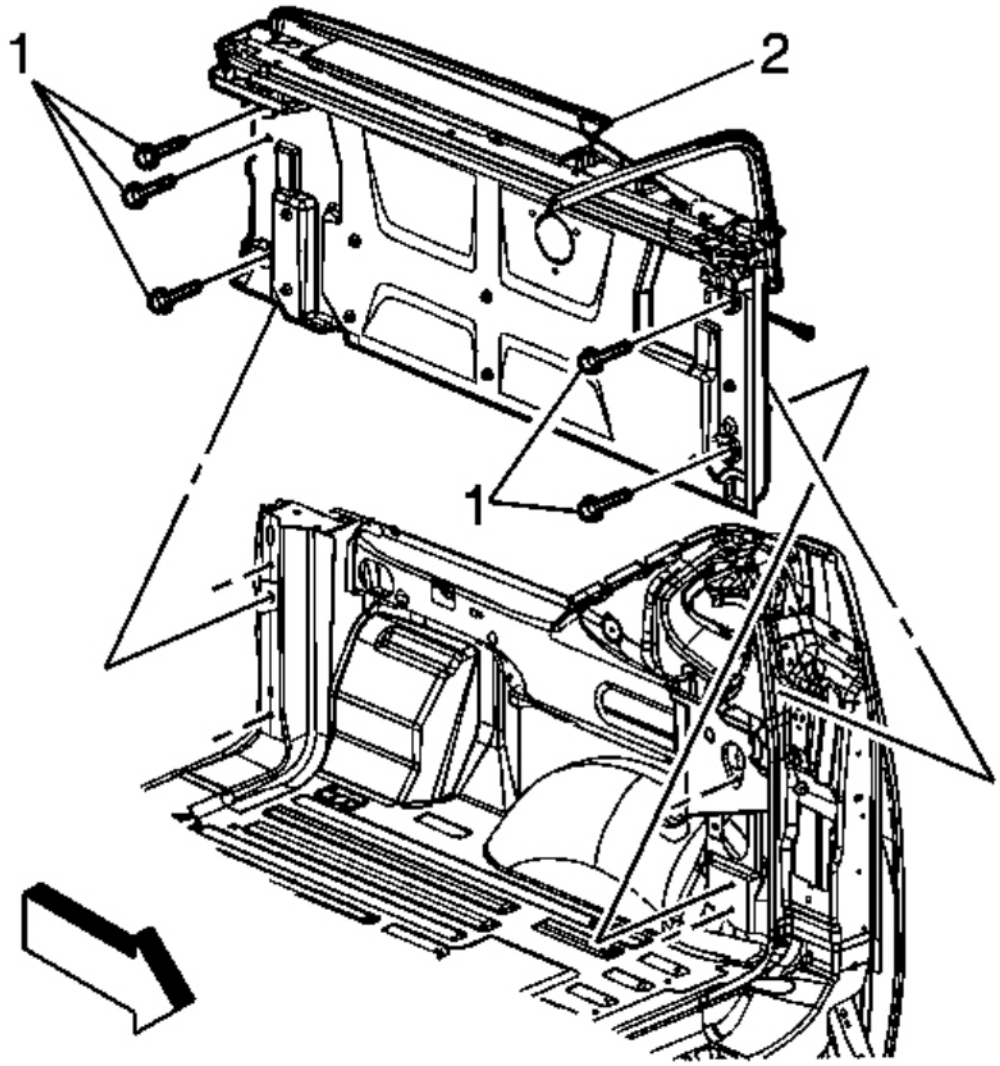


Fig. 3: View Of Body Side Inner Panel Bolts & Cargo Box Stowage Box
Courtesy of GENERAL MOTORS CORP.

NOTE: **Refer to Fastener Notice .**

1. Install the cargo box stowage box (2) to the vehicle.

   Tighten: Tighten the bolts to 9 N.m (80 lb in).

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2. Install the cargo tie-down rings and bolts to the body side inner panel.

   Tighten: Tighten the bolts to 9 N.m (80 lb in).

3. Install the cargo box stowage lid assembly. Refer to **Lid Replacement - Cargo Box Stowage Box**.
4. Install the lamp socket to the pickup box side courtesy lamp assembly.
5. Install the assist handle. Refer to **Assist Handle Replacement - Endgate (Avalanche)** .
6. Install the rear compartment cover assembly. Refer to **Cargo Box Front Cover, Center Cover, and Rear Cover Replacement**.

BRACE REPLACEMENT - RADIATOR SUPPORT DIAGONAL

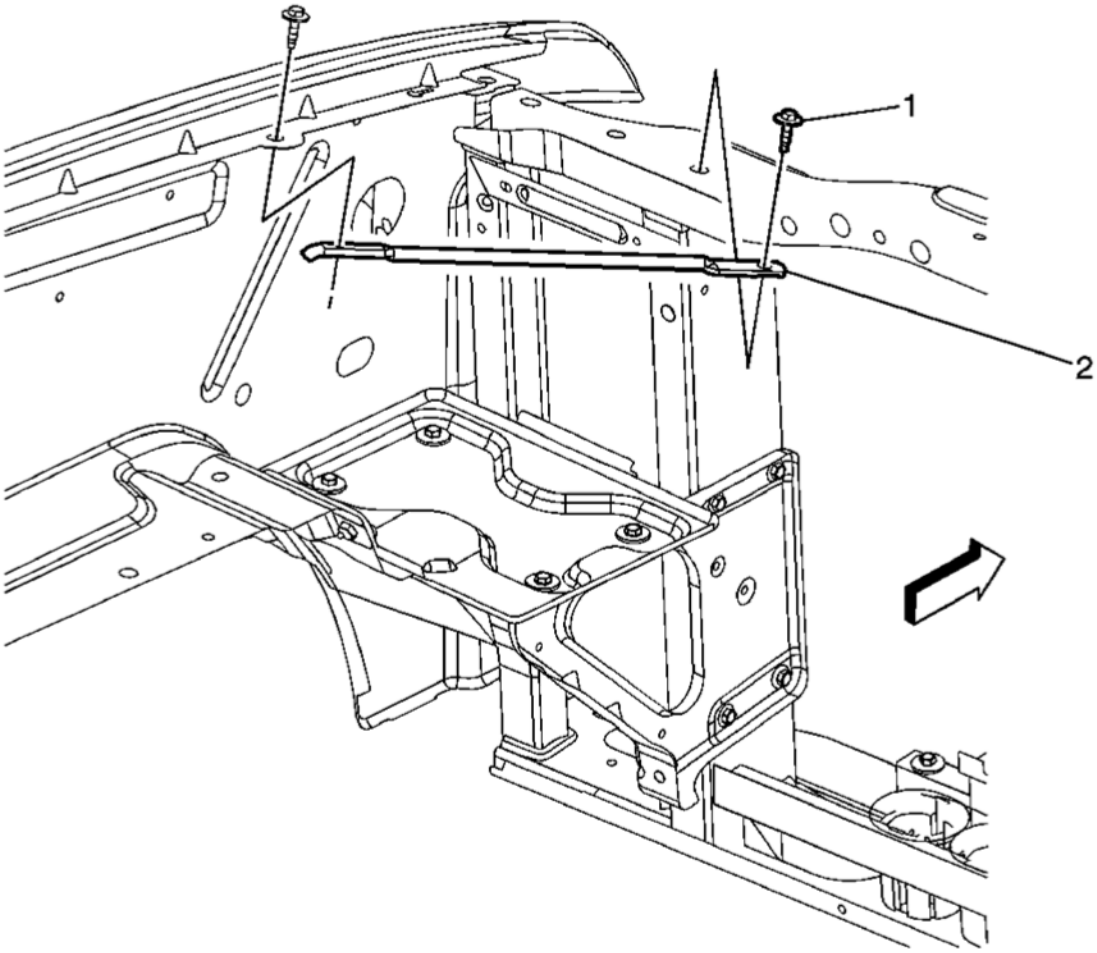


Fig. 4: View Of Diagonal Fender Brace & Bolts
Courtesy of GENERAL MOTORS CORP.

Brace Replacement - Radiator Support Diagonal

Callout	Component Name

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1	Diagonal Fender Brace Bolt (Qty: 2) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 9 N.m (80 lb in)
2	Diagonal Fender Brace

FENDER BRACKET REPLACEMENT - UPPER REAR

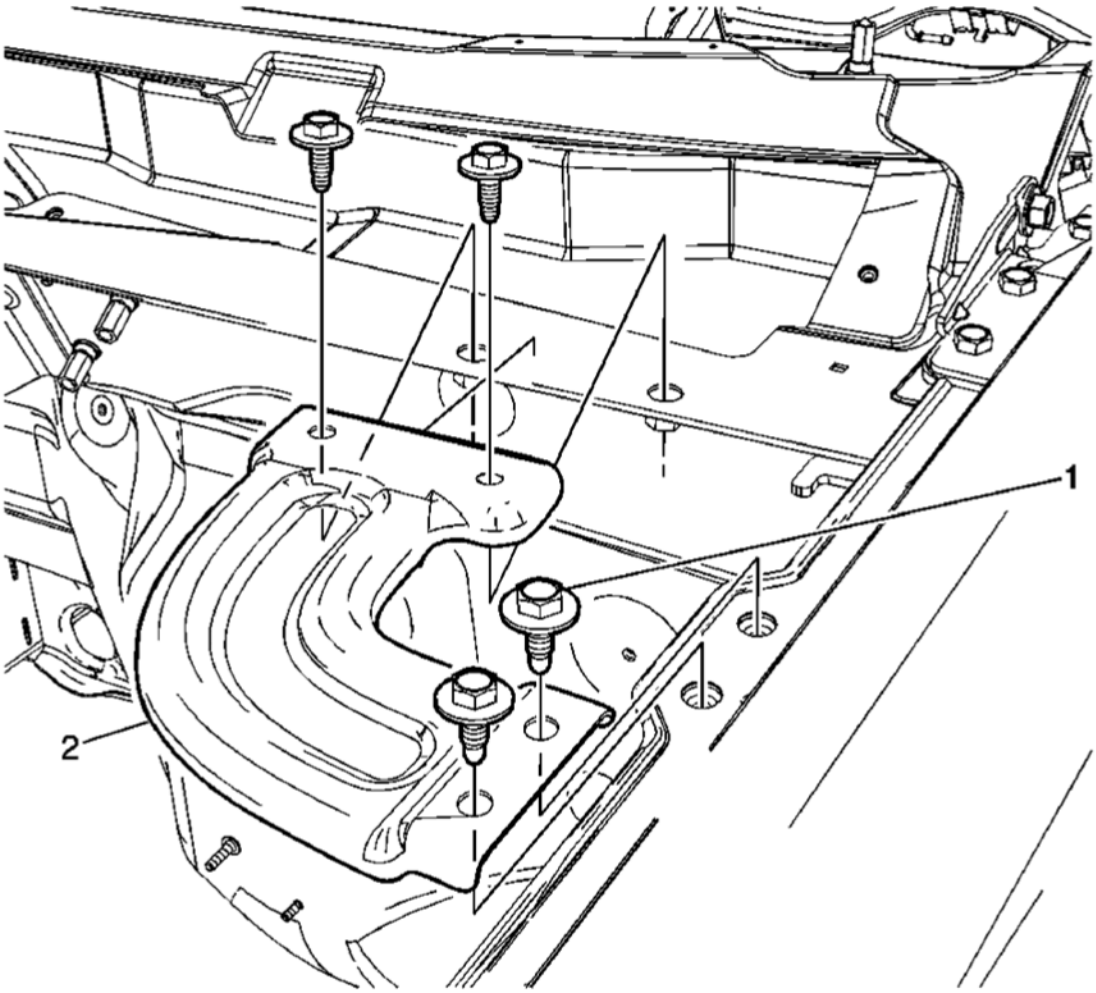


Fig. 5: View Of Rear Fender Brace & Bolts
Courtesy of GENERAL MOTORS CORP.

Fender Bracket Replacement - Upper Rear

Callout	Component Name
	Rear Fender Brace Bolt (Qty: 4)

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1	**NOTE:** **Refer to Fastener Notice .** **Tighten:** 9 N.m (80 lb in)
2	Rear Fender Brace

HOOD BUMPER REPLACEMENT

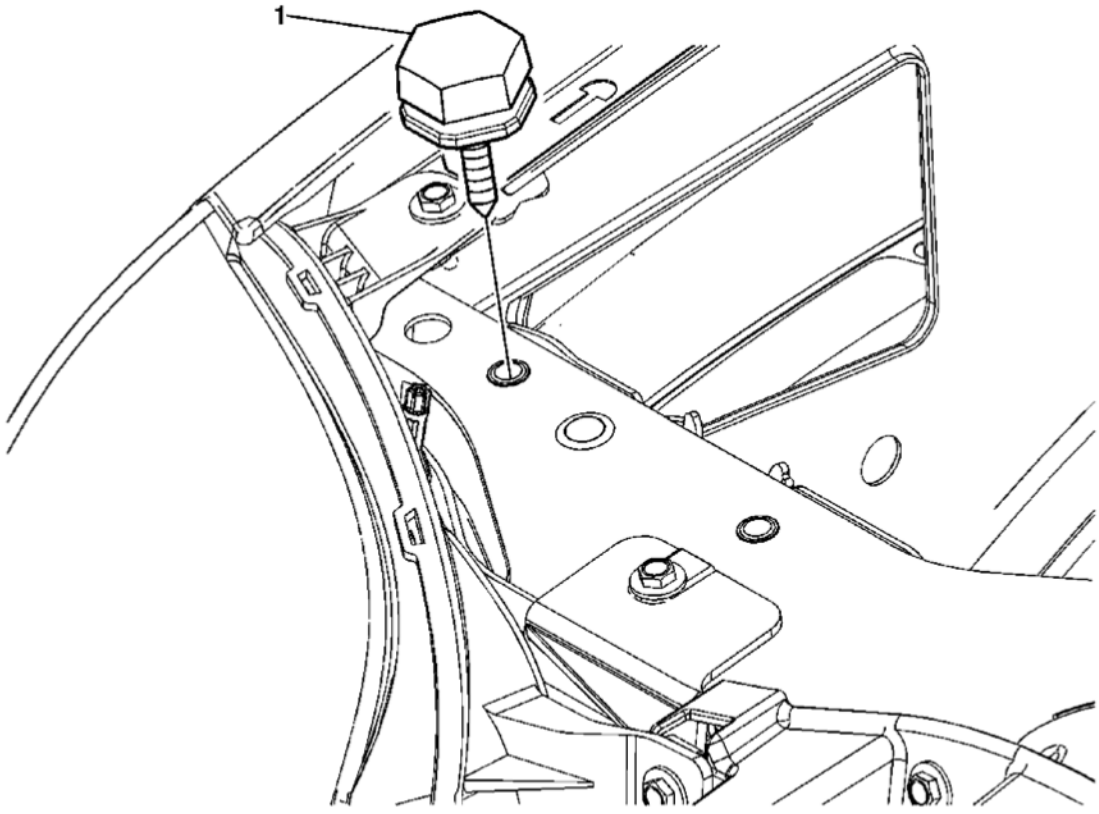


Fig. 6: View Of Hood Bumper
Courtesy of GENERAL MOTORS CORP.

Hood Bumper Replacement

Callout	Component Name
1	Hood Bumper (Qty: 2) **Tip:** Install the hood bumper until the hood closes flush with the fender.

SUPPORT CABLE REPLACEMENT - ENDGATE

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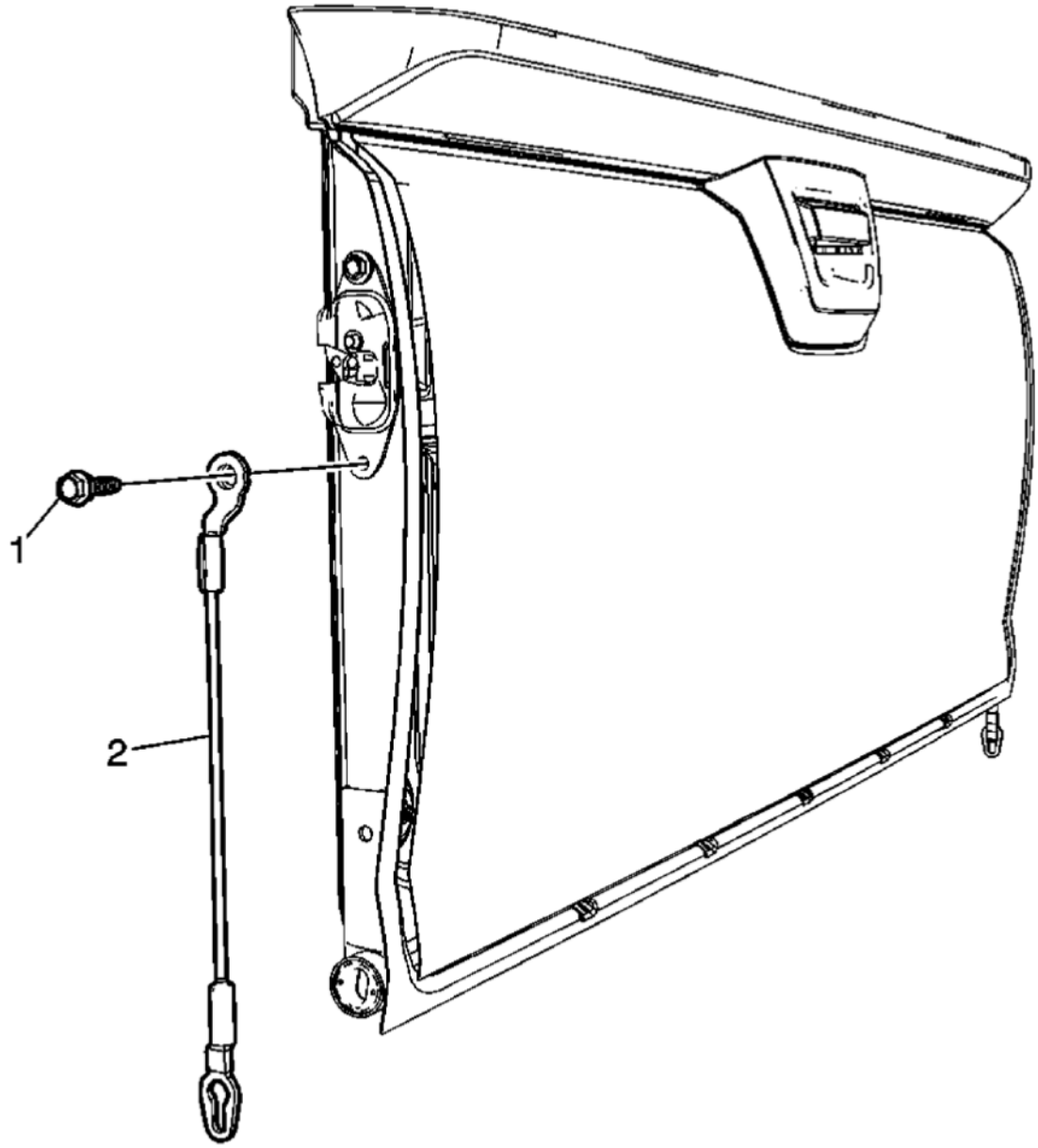


Fig. 7: View Of Endgate Cable & Screw
Courtesy of GENERAL MOTORS CORP.

Support Cable Replacement - Endgate

Callout	Component Name
1	Endgate Cable Screw **NOTE:** **Refer to Fastener Notice .**

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	Tighten: 25 N.m (18 lb ft)
2	Endgate Cable

HOOD LATCH RELEASE CABLE REPLACEMENT

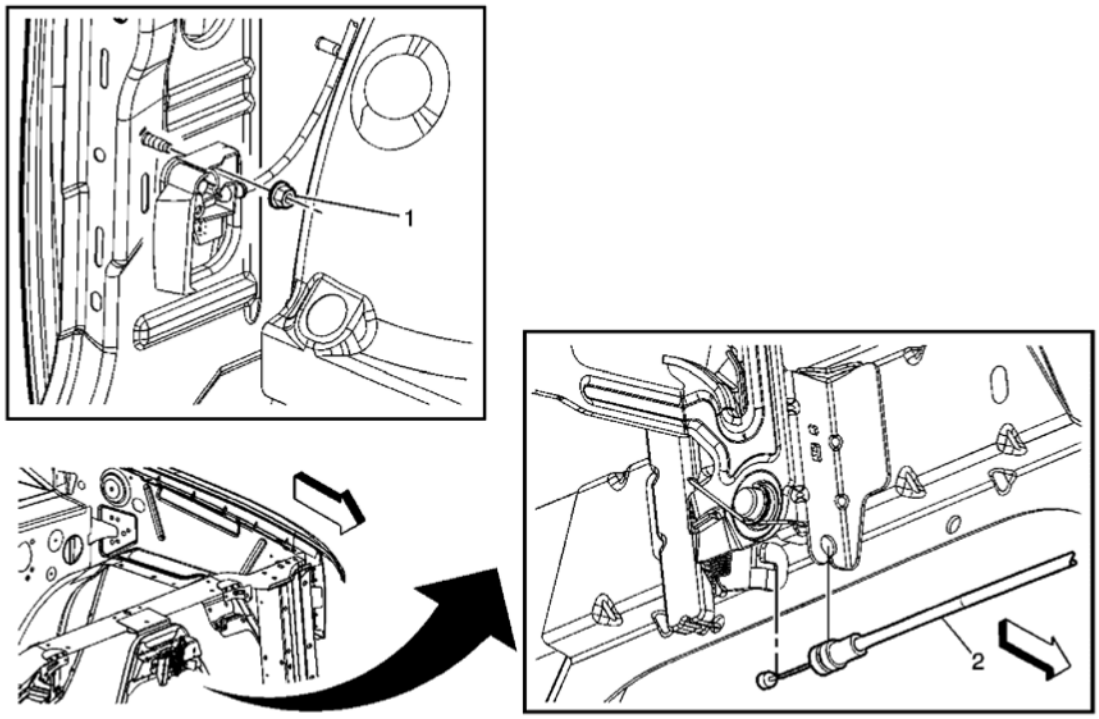


Fig. 8: View Of Hood Latch Release Cable & Nut
Courtesy of GENERAL MOTORS CORP.

Hood Latch Release Cable Replacement

Callout	Component Name
Preliminary Procedures 1. Remove the headlamps. Refer to **Headlamp Replacement (Non HID)** or **Headlamp Replacement (Yukon)** or **Headlamp Replacement (Tahoe, Avalanche)** or **Headlamp Replacement (Cadillac Escalade)** . 2. Remove the grille support. Refer to **Support Replacement - Radiator Grille Reinforcement**. 3. Remove the hood release handle. Refer to **Hood Latch Release Handle Replacement**.	
1	Hood Latch Release Cable Nut **NOTE:** **Refer to Fastener Notice .** **Tighten:** 9 N.m (80 lb in)

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2	Hood Latch Release Cable **Tip:** • Release the cable from the latch assembly and pull through the dash panel. • Attach mechanics wire to existing cable to ease installation of the new cable.

RUBBER CONDUIT REPLACEMENT - FRONT DOOR

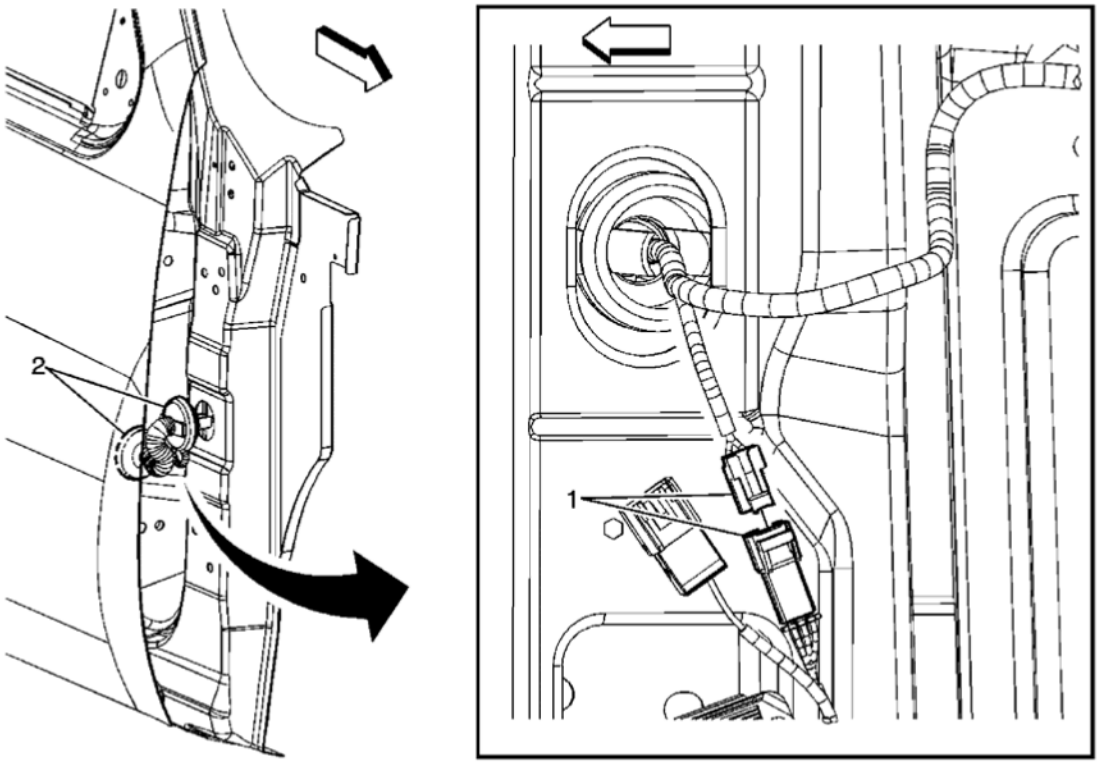


Fig. 9: View Of Conduit Grommet & Electrical Connector
Courtesy of GENERAL MOTORS CORP.

Rubber Conduit Replacement - Front Door

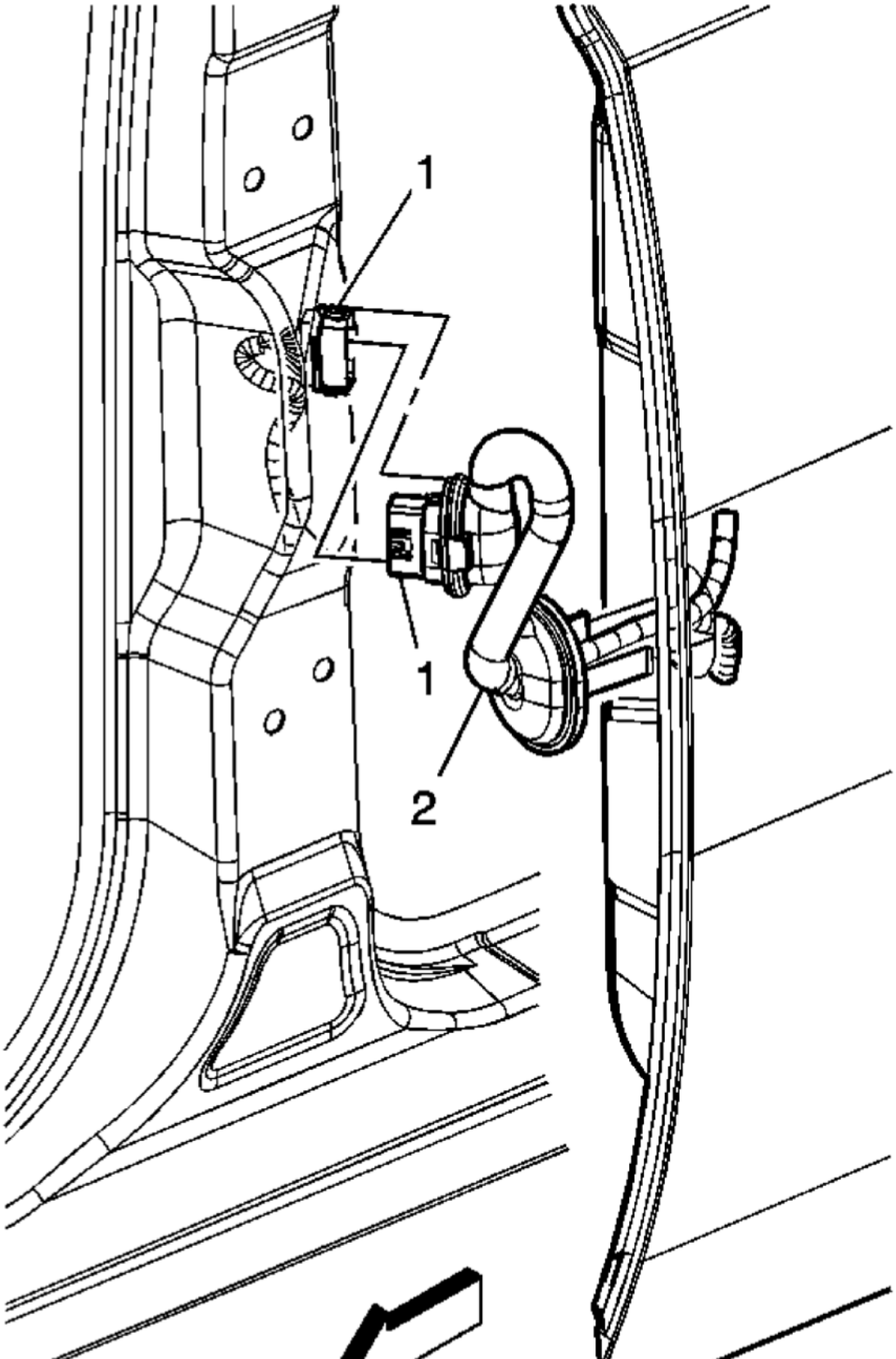
Callout	Component Name
Preliminary Procedure: Remove the hinge pillar insulator cover. Refer to **Body Hinge Pillar Trim Panel Replacement** .	
1	Electrical Connector **IMPORTANT:** **Mark the location and the color of the wires to the electrical socket before removing the wires.**

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	Tip: 1. Disconnect the door wiring harness electrical connector from the body harness. 2. Remove the wiring harness wiring one at a time from the conduit. 3. Remove the wiring harness from the rubber conduit.
2	Conduit Grommet

RUBBER CONDUIT REPLACEMENT - REAR DOOR

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Fig. 10: View Of Rear Door Conduit Grommet & Electrical Connectors
Courtesy of GENERAL MOTORS CORP.

Rubber Conduit Replacement - Rear Door

Callout	Component Name
1	Electrical Connectors **IMPORTANT:** **Mark the location and the color of the wires to the electrical socket before removing the wires.** **Tip:** 1. Disconnect the door wiring harness electrical connector from the body harness. 2. Remove the wiring harness wiring one at a time from the conduit. 3. Remove the wiring harness from the rubber conduit.
2	Rear Door Conduit Grommet

CARGO BOX FRONT COVER, CENTER COVER, AND REAR COVER REPLACEMENT

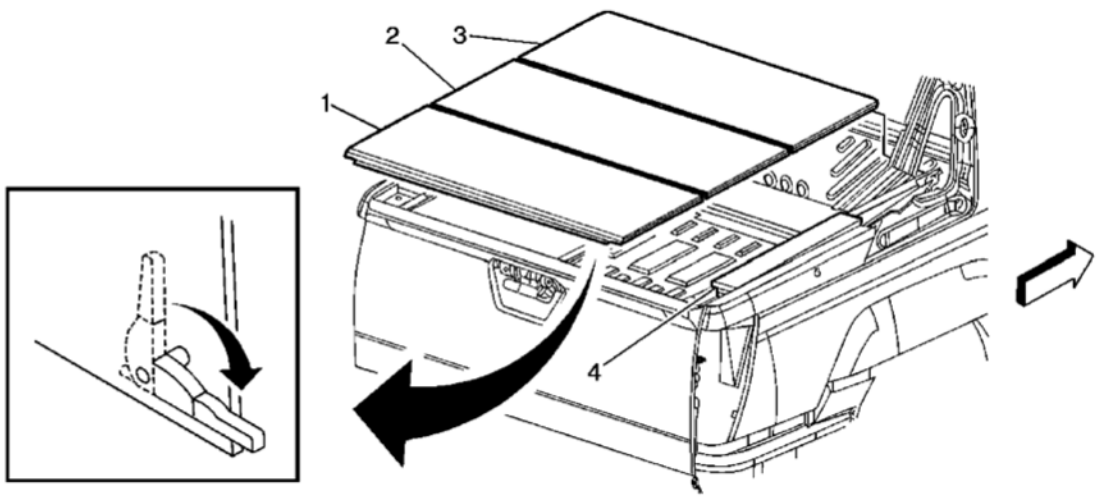


Fig. 11: View Of Rear Cargo Stowage Box & Covers
Courtesy of GENERAL MOTORS CORP.

Cargo Box Front Cover, Center Cover, and Rear Cover Replacement

Callout	Component Name
	Rear Cargo Box Cover **Tip:**

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1	1. Open the endgate to access the latches. 2. Remove the rear cargo panel by pulling the left and right cargo panel latches, located on the bottom of each cargo panel, forward to unlock the cargo panel latches. 3. Lift the cargo panel up and then out from the side rails. 4. The left latch must be locked in place before the right latch. The cargo cover panels may not lock in place correctly if this step is not completed exactly.
2	Center Cargo Box Cover **Tip:** 1. Remove the center cargo panel by pulling the left and right cargo panel latches. 2. Lift the cargo panel up and then out from the side rails. 3. The left latch must be locked in place before the right latch. The cargo cover panels may not lock in place correctly if this step is not completed exactly.
3	Front Cargo Box Cover **Tip:** 1. Remove the front cargo panel by pulling 2 left and 2 right cargo panel latches. 2. Lift the cargo panel up and then out from the side rails. 3. The left latches must be locked in place before the right latches. The cargo cover panels may not lock in place correctly if this step is not completed exactly.
4	Rear Cargo Stowage Box

FRONT SIDE DOOR REPLACEMENT

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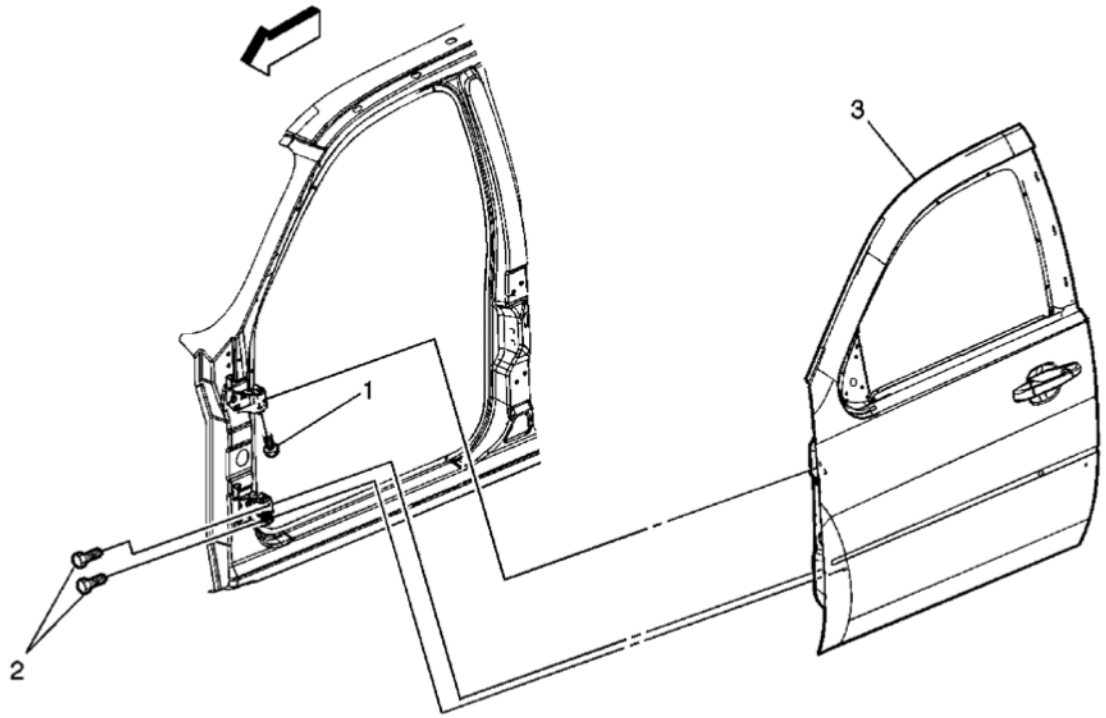


Fig. 12: View Of Front Side Door & Components
Courtesy of GENERAL MOTORS CORP.

Front Side Door Replacement

Callout	Component Name
	CAUTION: **Refer to SIR Caution .** **Preliminary Procedures** 1. Disable the supplemental inflatable restraint (SIR) system. Refer to **SIR Disabling and Enabling** . 2. Remove the front door trim panel. Refer to **Front Side Door Trim Panel Replacement** .
1	Front Side Door Upper Hinge Bolts (Qty: 2) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 25 N.m (18 lb ft) **Tip:** Support the door before removing the hinge bolts.
2	Front Side Door Lower Hinge Bolts (Qty: 2)

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	Tighten: 25 N.m (18 lb ft)
3	Front Side Door **Tip:** If replacing the door transfer door components as needed.

FUEL TANK FILLER DOOR REPLACEMENT

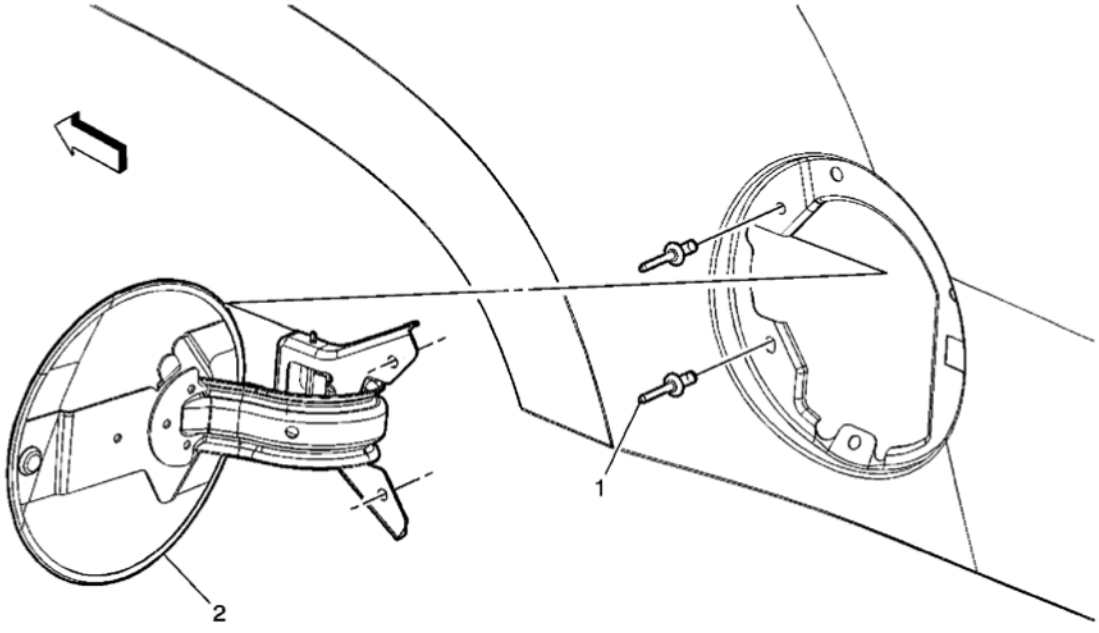


Fig. 13: View Of Fuel Filler Door Assembly & Rivets
Courtesy of GENERAL MOTORS CORP.

Fuel Tank Filler Door Replacement

Callout	Component Name
1	Fuel Filler Door Rivet **Tip:** Drill out the rivet to remove.
2	Fuel Filler Door Assembly

REAR DOOR REPLACEMENT

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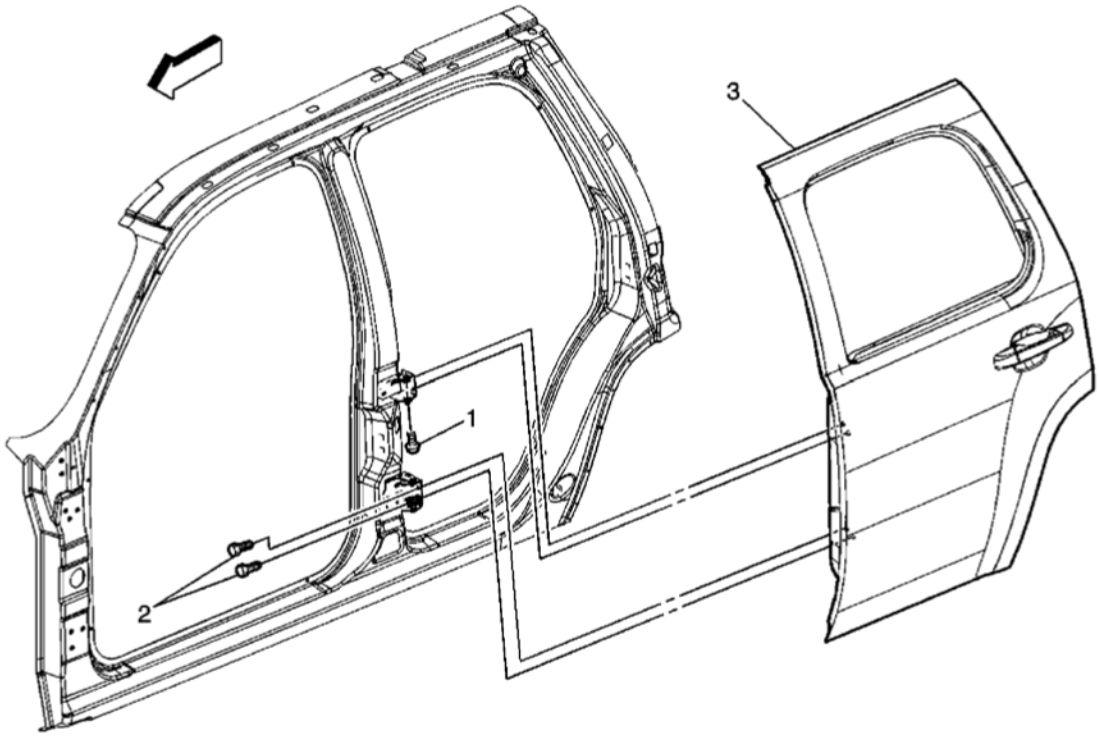


Fig. 14: View Of Rear Side Door & Components
Courtesy of GENERAL MOTORS CORP.

Rear Door Replacement

Callout	Component Name
	CAUTION: **Refer to SIR Caution .** **Preliminary Procedures** 1. Disable the supplemental inflatable restraint (SIR) system. Refer to **SIR Disabling and Enabling** . 2. Remove the rear door trim panel. Refer to **Rear Side Door Trim Panel Replacement (Suburban/Yukon XL/Escalade ESV)** or **Rear Side Door Trim Panel Replacement (Tahoe/Yukon/Escalade)** .
1	Rear Side Door Upper Hinge Bolts (Qty: 2) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 25 N.m (18 lb ft) **Tip:** Support the door before removing the hinge nuts.

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2	Rear Side Door Lower Hinge Bolts (Qty: 2) **Tighten:** 25 N.m (18 lb ft)
3	Rear Side Door **Tip:** If replacing the door transfer door components as needed.

CARGO BOX FRONT GUTTER SIDE DRAIN REPLACEMENT - A CUP

Removal Procedure

1. Lower the mid gate.
2. Remove the compartment cover.

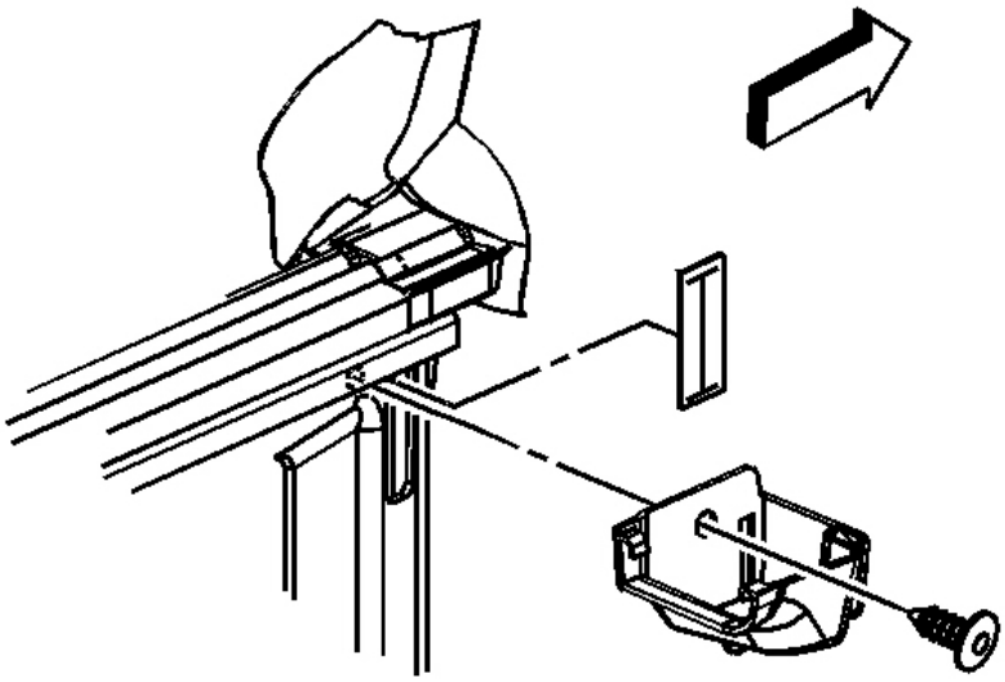


Fig. 15: Front Cargo Box Side Drain Cup Retainer (A Cup)
Courtesy of GENERAL MOTORS CORP.

3. Remover the front cargo box side drain cup retainer.

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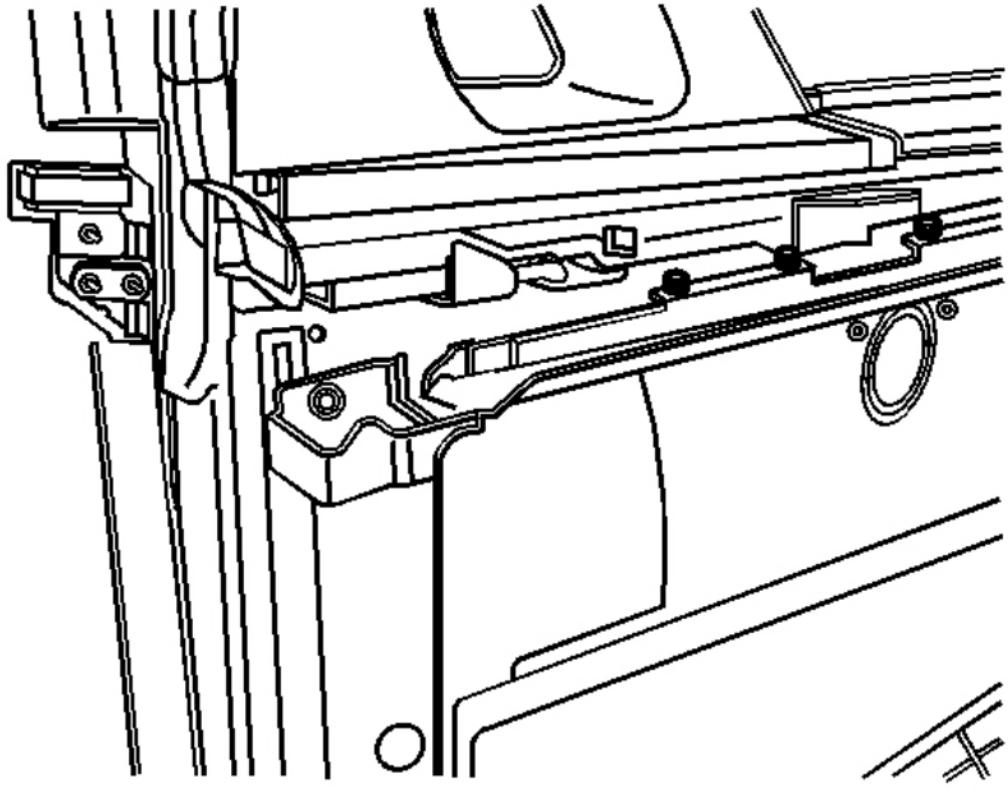


Fig. 16: Drain Cup & Cargo Box Side (A Cup)
Courtesy of GENERAL MOTORS CORP.

4. Pull the drain cup away and forward to disengage the cup from the cargo box side.

Installation Procedure

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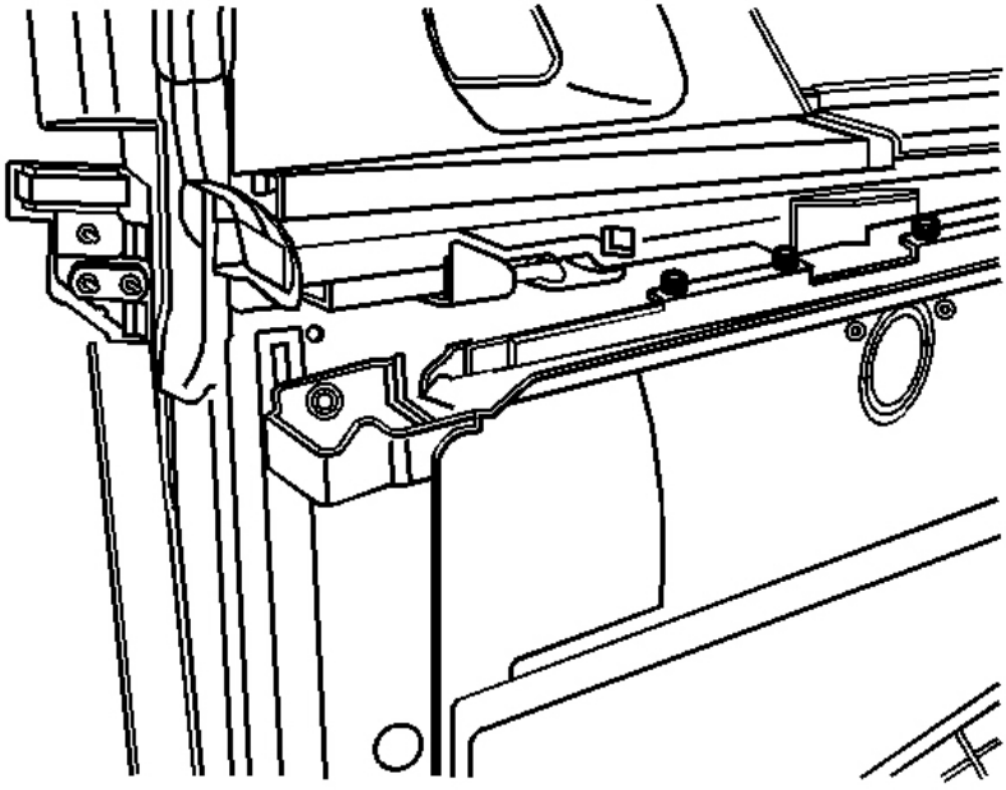


Fig. 17: Drain Cup & Cargo Box Side (A Cup)
Courtesy of GENERAL MOTORS CORP.

1. Align the cup to engage the drain gutter.
2. Insert the drain cup into the cargo box side.

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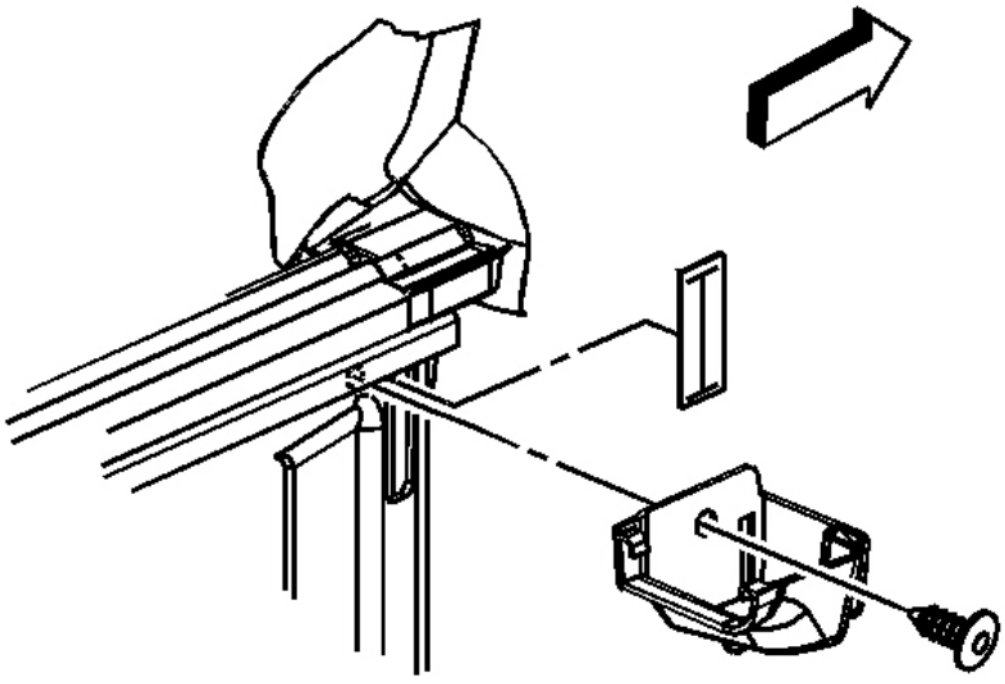


Fig. 18: Front Cargo Box Side Drain Cup Retainer (A Cup)
Courtesy of GENERAL MOTORS CORP.

3. Install the front cargo box side drain cup retainer.
4. Close the mid gate.
5. Install the compartment cover.

CARGO BOX GUTTER SIDE DRAIN ASSEMBLY REPLACEMENT

Removal Procedure

1. Lower the endgate.
2. Remove the rear compartment cover assembly.
3. Remove the rear cargo box side drain cups. Refer to **Cargo Box Rear Gutter Side Drain Replacement - B Cup**.

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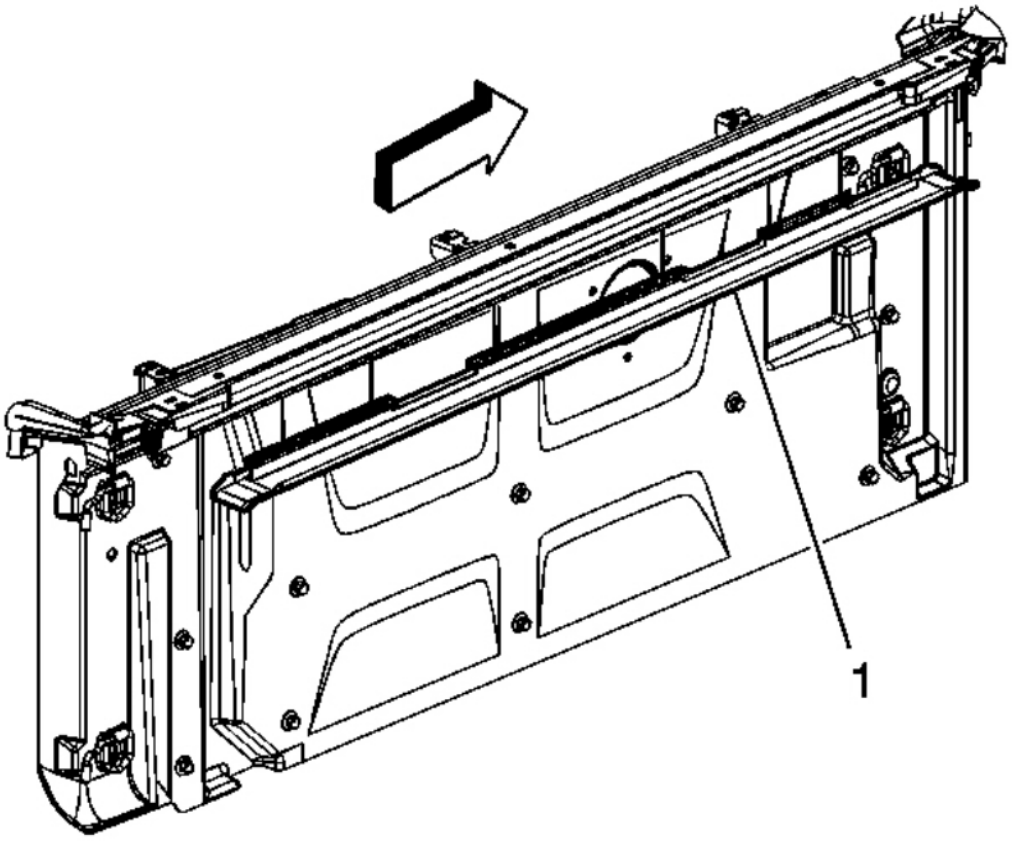


Fig. 19: View Of Cargo Stowage Box Drain Gutter
Courtesy of GENERAL MOTORS CORP.

4. Remove the front cargo box side drain cups. Refer to **Cargo Box Front Gutter Side Drain Replacement - A Cup**.
5. Pull downward to disengage the drain gutter (1) from the cargo stowage box.

Installation Procedure

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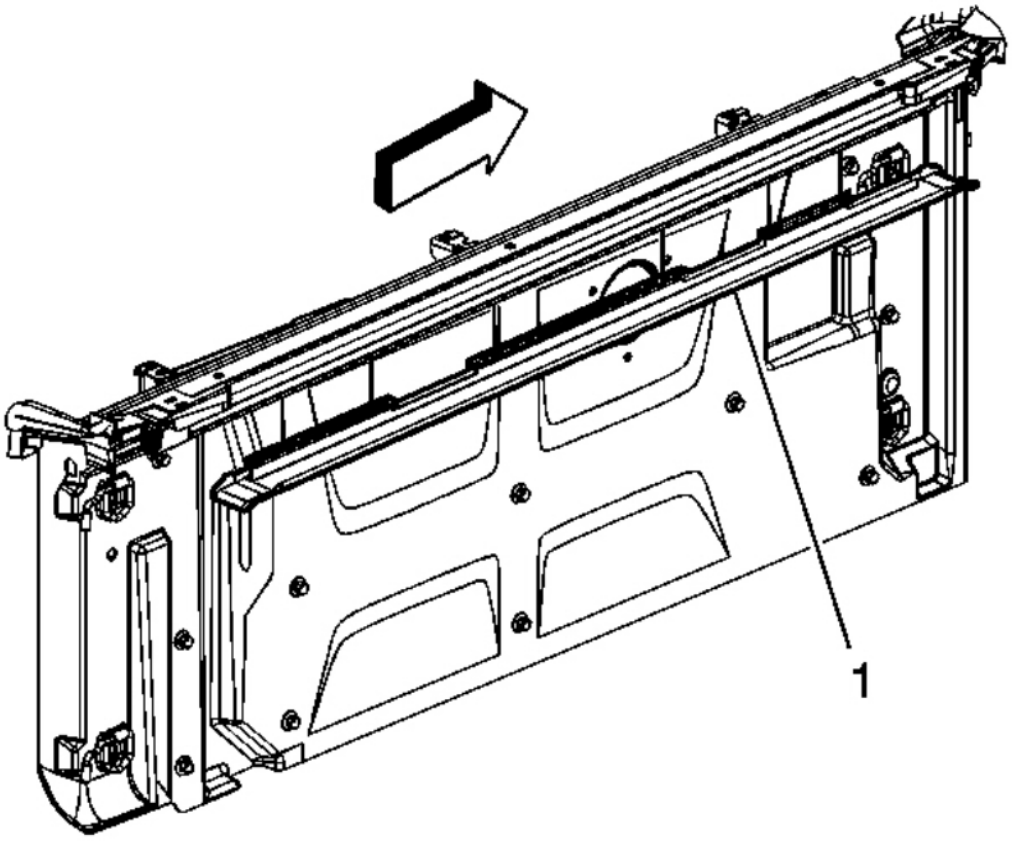


Fig. 20: View Of Cargo Stowage Box Drain Gutter
Courtesy of GENERAL MOTORS CORP.

1. Install the drain gutter (1) by pushing the retainers upward into the retainer holes.
2. Install the rear cargo box side drain cup. Refer to **Cargo Box Rear Gutter Side Drain Replacement - B Cup**.
3. Install the front cargo box side drain cup. Refer to **Cargo Box Front Gutter Side Drain Replacement - A Cup**.
4. Install the rear compartment cover assembly.
5. Close the endgate.

CARGO BOX REAR GUTTER SIDE DRAIN REPLACEMENT - B CUP

Removal Procedure

1. Lower the end gate.

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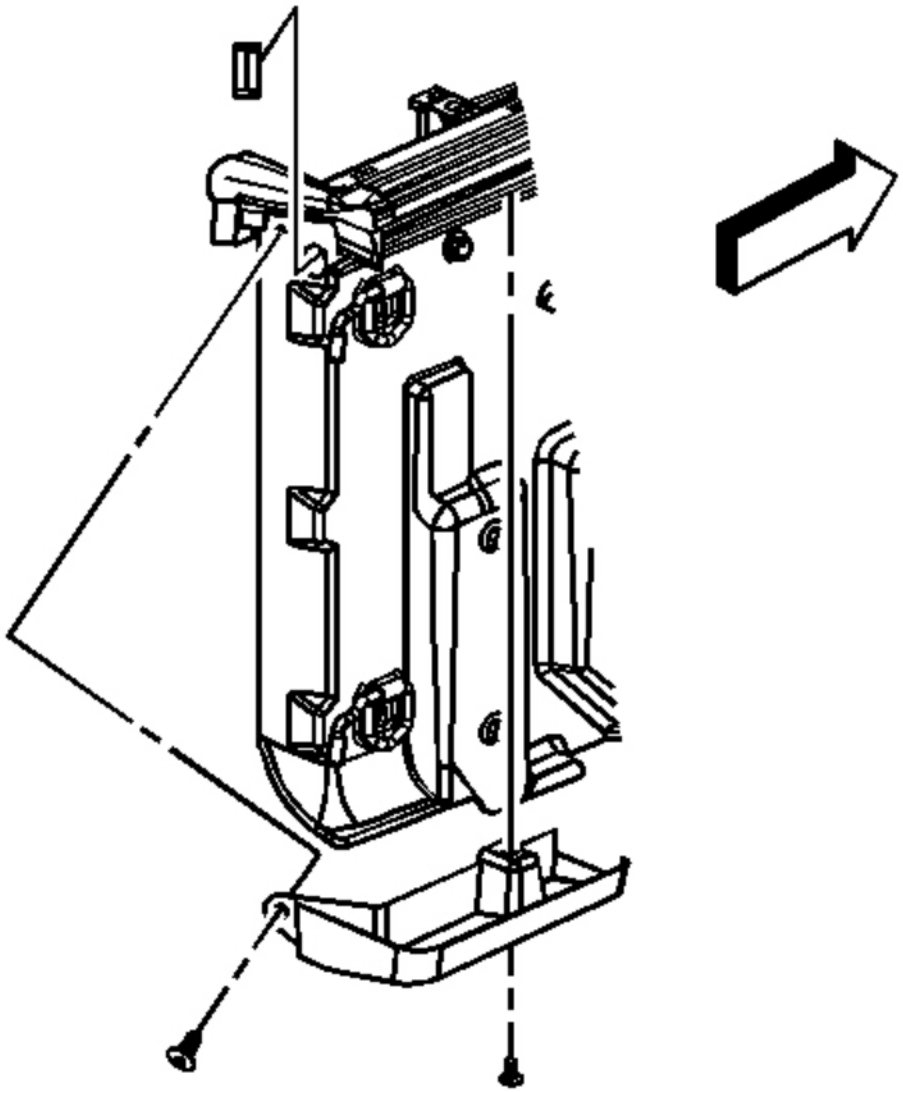


Fig. 21: Rear Cargo Box Side Drain Cup Retainers (B Cup)
Courtesy of GENERAL MOTORS CORP.

2. Remove the rear cargo box side drain cup retainers.

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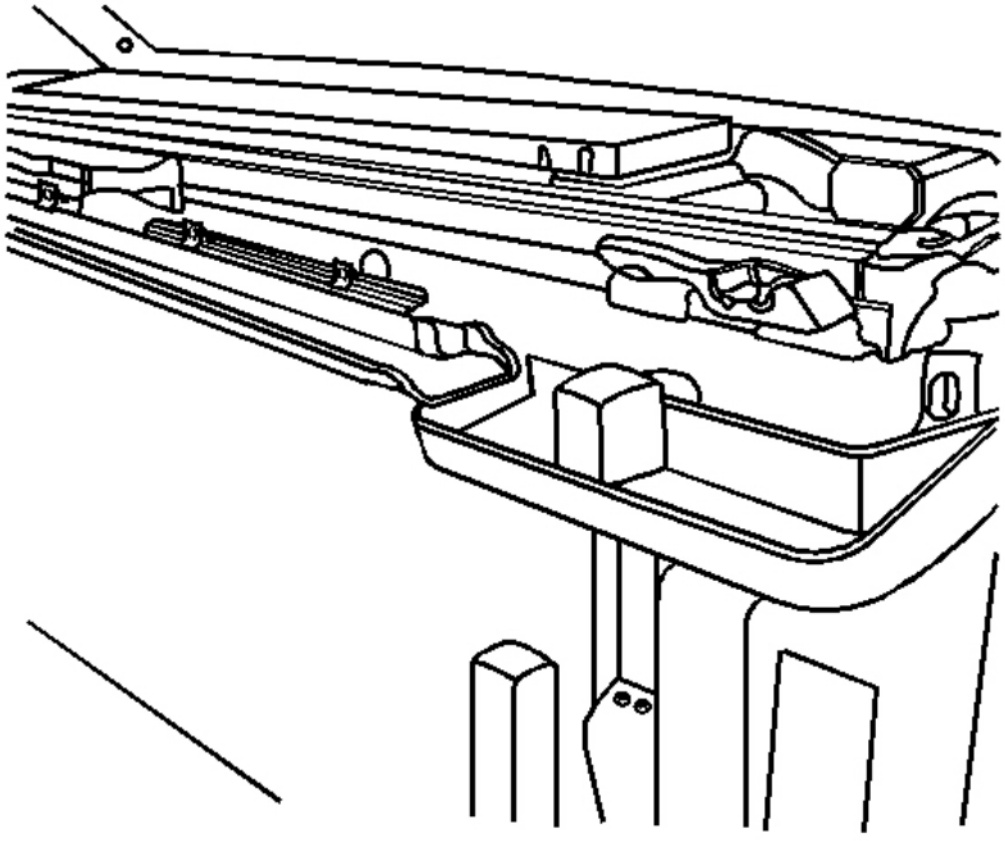


Fig. 22: Drain Cup & Cargo Box Side (B Cup)
Courtesy of GENERAL MOTORS CORP.

3. Pull the drain cup away and rearward to disengage the cup from the cargo box side.

Installation Procedure

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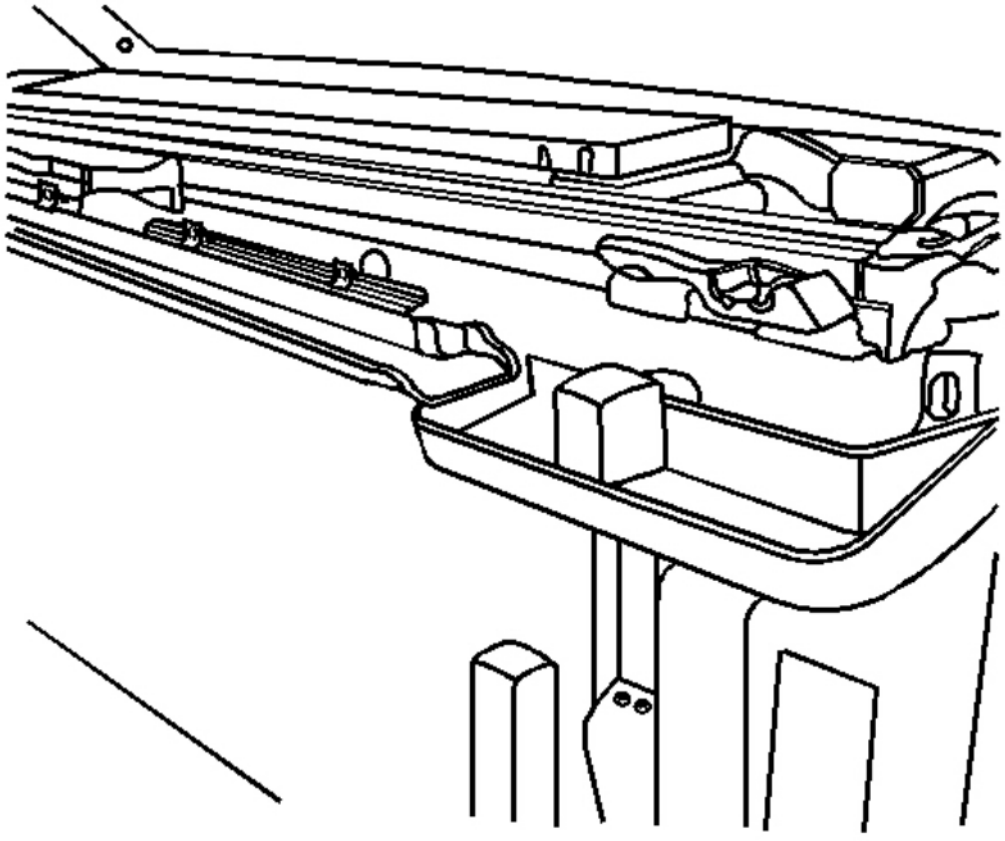


Fig. 23: Drain Cup & Cargo Box Side (B Cup)
Courtesy of GENERAL MOTORS CORP.

1. Align the cup to engage the drain gutter.
2. Insert the drain cup into the cargo box side.

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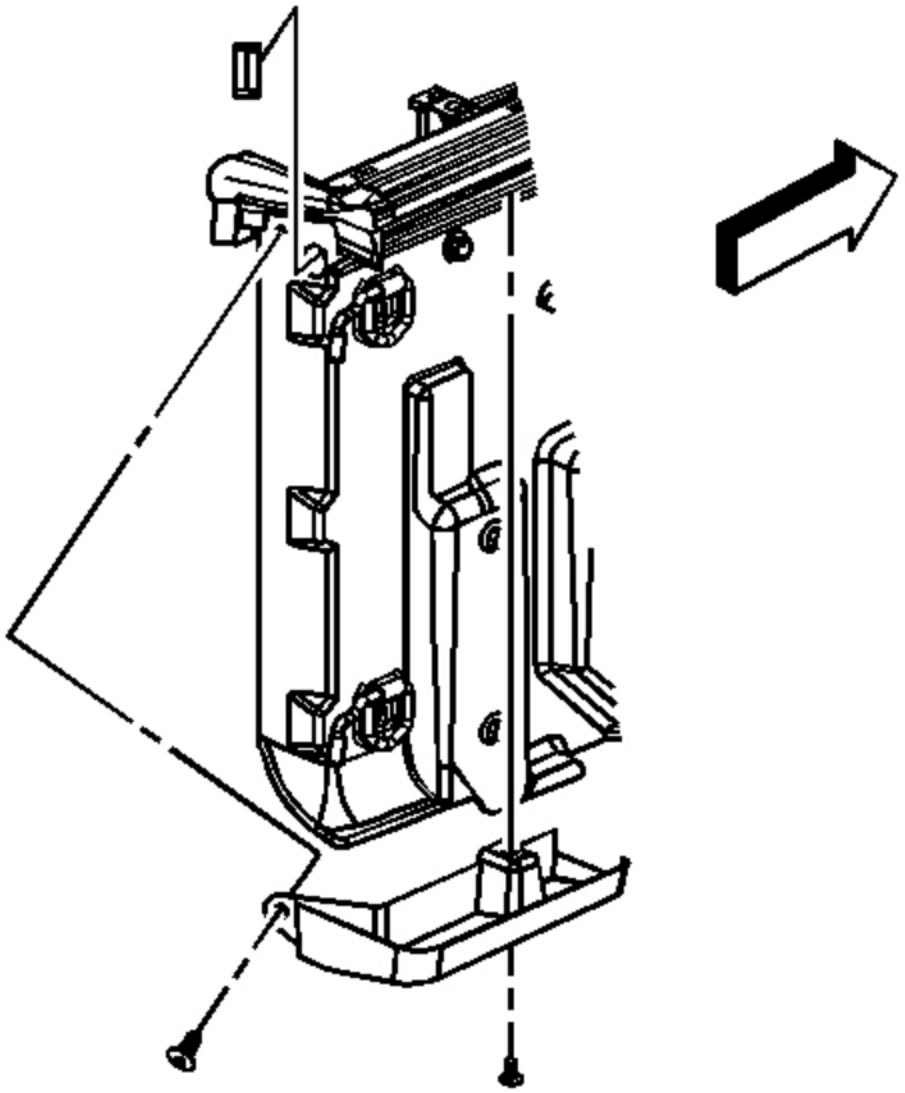


Fig. 24: Rear Cargo Box Side Drain Cup Retainers (B Cup)
Courtesy of GENERAL MOTORS CORP.

NOTE: Refer to Fastener Notice in Cautions and Notices.

3. Install the rear cargo box side drain cup retainers.
4. Tighten the fastener.

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Tighten: Tighten the fastener to 1.2 N.m (10 lb in).

5. Close the mid gate.

END GATE REPLACEMENT (AVALANCHE/ESCALADE EXT)

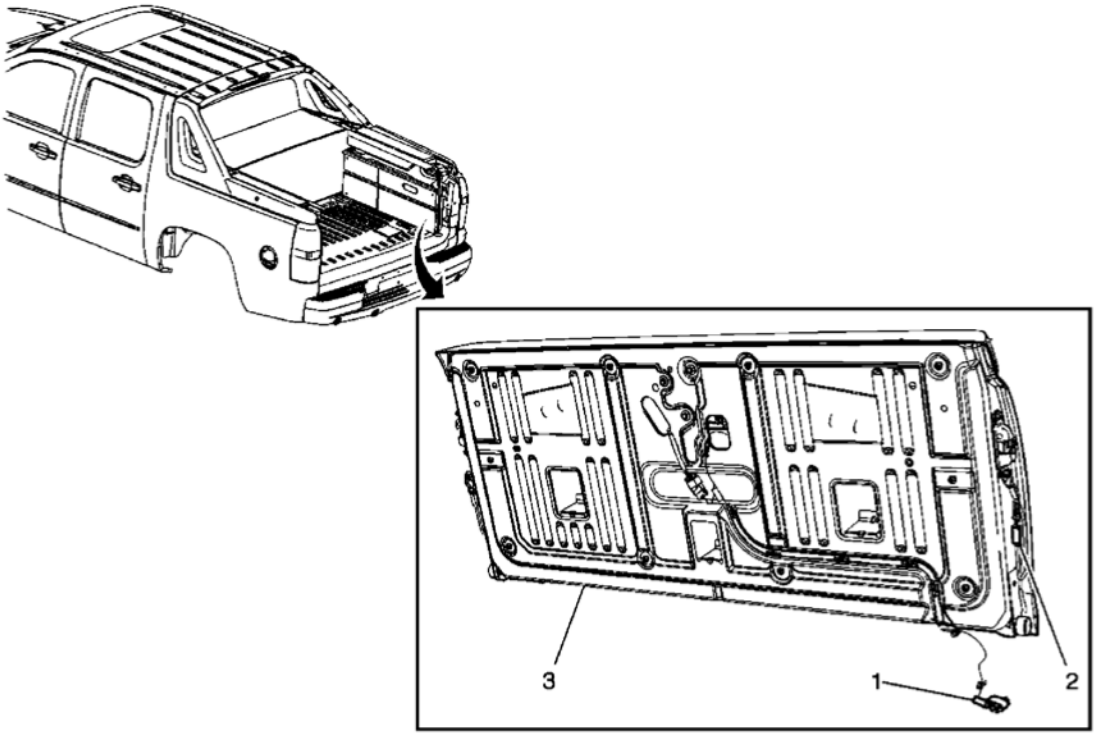


Fig. 25: View Of Endgate, Support Cable & Electrical Connectors
Courtesy of GENERAL MOTORS CORP.

End Gate Replacement (Avalanche/Escalade EXT)

Callout	Component Name
1	Electrical Connectors **Tip:** If equipped with rear cameras, disconnect the electrical connectors.
2	Endgate Support Cable **Tip:** Disconnect the endgate support cable.
3	Endgate **Tip:** With the aid of an assistant, disconnect the endgate.

FRONT FENDER REPLACEMENT - LEFT SIDE

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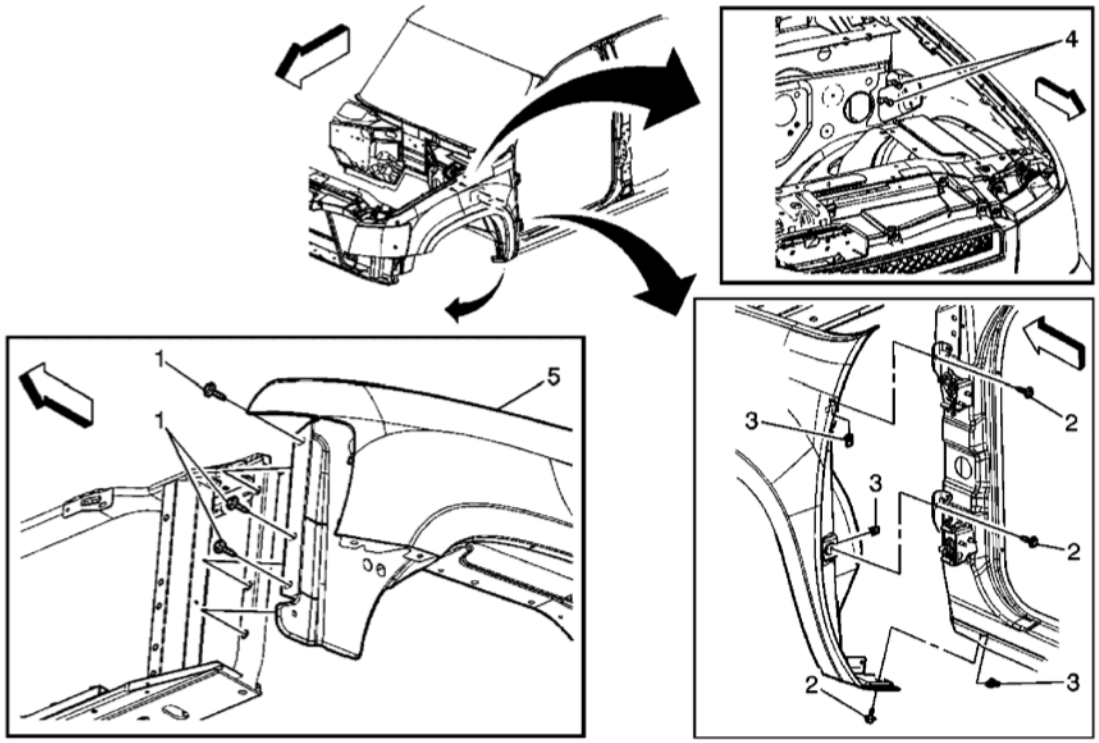


Fig. 26: View Of Fender Assembly & Components
Courtesy of GENERAL MOTORS CORP.

Front Fender Replacement - Left Side

Callout	Component Name
Preliminary Procedures 1. Remove the headlamp. Refer to **Headlamp Replacement (Non HID)** or **Headlamp Replacement (Yukon)** or **Headlamp Replacement (Tahoe, Avalanche)** or **Headlamp Replacement (Cadillac Escalade)** . 2. Remove the radiator support diagonal brace. Refer to **Brace Replacement - Radiator Support Diagonal**. 3. Remove the upper rear fender bracket. Refer to **Fender Bracket Replacement - Upper Rear**. 4. Remove the auxiliary battery tray. 5. Remove the left hood hinge. Refer to **Hood Hinge Replacement**. 6. Remove the left hood link. Refer to **Hood Link Replacement**. 7. Remove the underhood electrical center/junction block. Refer to **Underhood Electrical Center or Junction Block Replacement** . 8. Remove the front wheelhouse liner. Refer to **Front Wheelhouse Liner Replacement** .	
	Fender Mounting Bolts (Qty: 3)

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1	**NOTE:** **Refer to Fastener Notice .** **Tighten:** 25 N.m (18 lb ft)
2	Fender Mounting Bolts (Qty: 3) **Tighten:** 25 N.m (18 lb ft)
3	Fender Mounting Clips (Qty: 3)
4	Fender Mounting Nuts (Qty: 2) **Tighten:** 25 N.m (18 lb ft)
5	Fender Assembly **Tip:** Transfer any necessary additional parts as needed.

FRONT FENDER REPLACEMENT - RIGHT SIDE

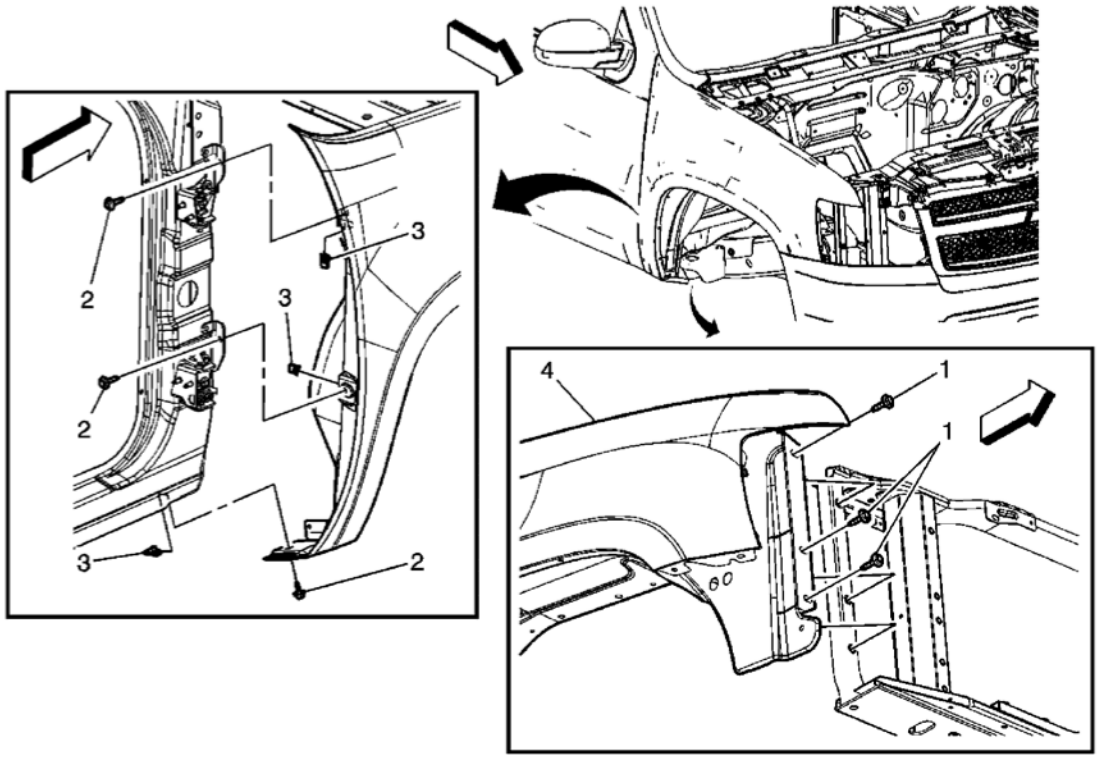


Fig. 27: Front Fender Assembly & Components
Courtesy of GENERAL MOTORS CORP.

Front Fender Replacement - Right Side

Callout	Component Name
Preliminary Procedures	

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1. Remove the headlamp. Refer to **Headlamp Replacement (Non HID)** or **Headlamp Replacement (Yukon)** or **Headlamp Replacement (Tahoe, Avalanche)** or **Headlamp Replacement (Cadillac Escalade)** .
2. Remove the upper rear fender bracket. Refer to **Fender Bracket Replacement - Upper Rear**.
3. Remove the air cleaner assembly. Refer to **Air Cleaner Assembly Replacement** .
4. Remove the air cleaner box tray.
5. Remove the coolant reservoir bottle from the right fender and set it aside. Do not open the cooling system. Refer to **Surge Tank Replacement** .
6. Remove the battery tray. Refer to **Battery Tray Replacement** .
7. Remove the right hood hinge. Refer to **Hood Hinge Replacement**.
8. Remove the right hood link. Refer to **Hood Link Replacement**.
9. Remove the front wheelhouse liner. Refer to **Front Wheelhouse Liner Replacement** .

1	Fender Mounting Bolts (Qty: 3) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 25 N.m (18 lb ft)
2	Fender Mounting Bolts (Qty: 3) **Tighten:** 25 N.m (18 lb ft)
3	Fender Mounting Clips (Qty: 3)
4	Fender Assembly **Tip:** Transfer any necessary additional parts as needed.

LIFTGATE ADJUSTMENT

The liftgate and liftglass hinges share a common rotation axis.

Fore/Aft Adjustment

The liftgate and liftglass are adjusted together in this direction. The liftgate hinge can be adjusted fore/aft on its D-ring attachment surface through a mean shift in the pierced net hole on the D-ring.

Up/Down Adjustment

- The liftgate and liftglass are adjusted separately in this direction.
- Liftgate-Slots on the liftgate-side strap of the liftgate hinge allow the liftgate to be adjusted up/down without affecting the position of the liftglass.
- Liftglass-There is no separate up/down adjustment for liftglass.

Cross-Car Adjustment

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- The liftgate and liftglass are adjusted separately in this position.
- Liftgate-Slots on the driver-side liftgate hinge-liftgate-side strap allow the liftgate to be adjusted cross-car without affecting the position of the liftgate.
- Liftglass-Slots on the passenger-side liftgate hinge-liftgate-side strap allow the liftglass to be adjusted cross-car without affecting the position of the liftgate.

LIFT GATE REPLACEMENT

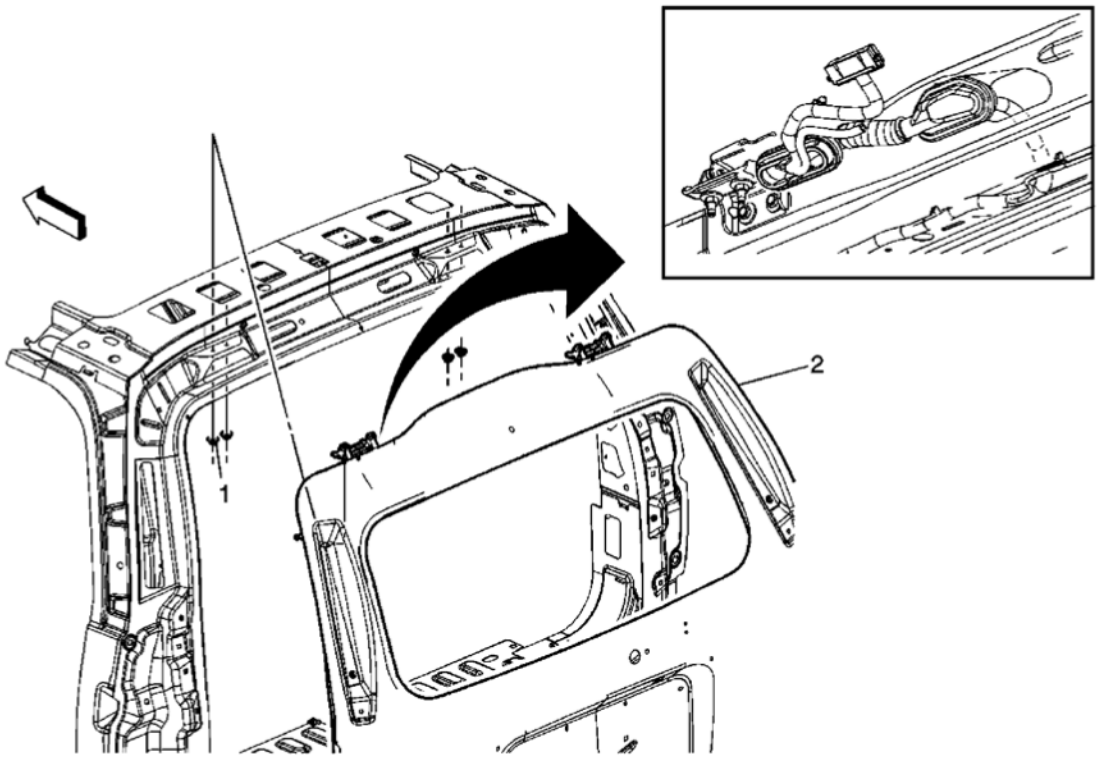


Fig. 28: View Of Liftgate Assembly & Body Side Hinge Nuts
Courtesy of GENERAL MOTORS CORP.

Lift Gate Replacement

Callout	Component Name
Preliminary Procedures 1. Disconnect the strut rods. Refer to **Lift Gate Strut Replacement**. 2. Remove the rear door upper garnish molding. Refer to **Garnish Molding Replacement - Rear Door Upper** . 3. Disconnect the liftgate actuator rod. Refer to **Lift Gate Actuator Rod Replacement** . 4. Disconnect the electrical connectors.	
	Liftgate Body Side Hinge Nuts (Qty: 4)

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1	**NOTE:** **Refer to Fastener Notice .** **Tighten:** 25 N.m (18 lb ft)
2	Liftgate Assembly **Tip:** Calibrate the power liftgate. Refer to **Lift Gate Calibration Procedure** .

MIDGATE REPLACEMENT

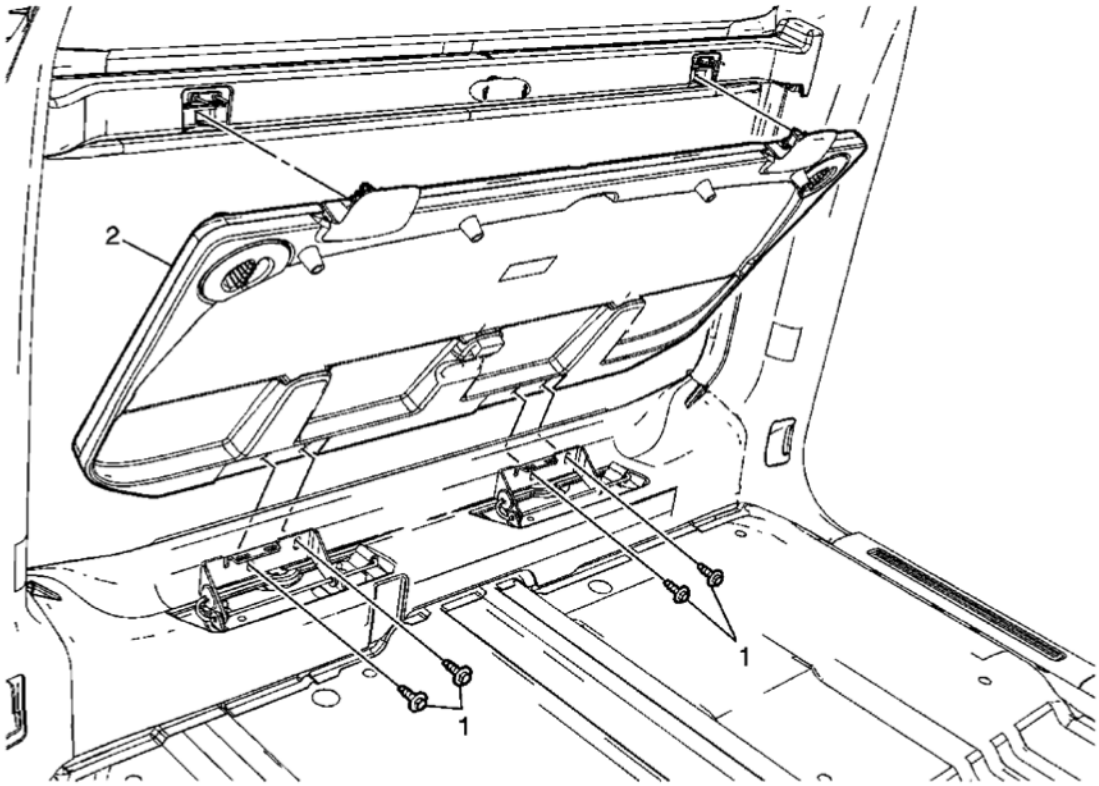


Fig. 29: View Of Midgate Assembly & Bolts
Courtesy of GENERAL MOTORS CORP.

Midgate Replacement

Callout	Component Name
Preliminary Procedure: Remove the midgate hinge finish covers. Refer to **Midgate Hinge Finish Cover Replacement** .	
1	Midgate Hinge Bolt (Qty: 4) **NOTE:** **Refer to Fastener Notice .**

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	Tighten: 25 N.m (18 lb ft)
2	Midgate Assembly

HOOD LATCH RELEASE HANDLE REPLACEMENT

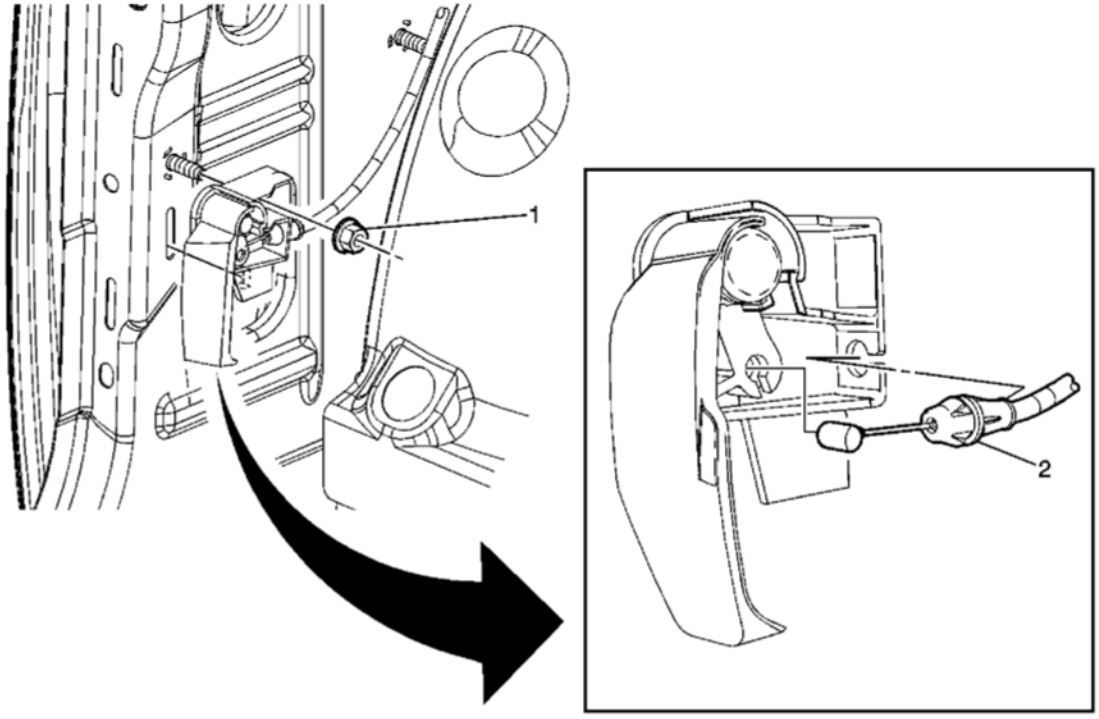


Fig. 30: View Of Hood Latch Release Cable & Nut
Courtesy of GENERAL MOTORS CORP.

Hood Latch Release Handle Replacement

Callout	Component Name
NOTE: Refer to **Fastener Notice** . **Fastener Tightening Specifications:** Refer to **Fastener Tightening Specifications**.**Preliminary Procedure:** Remove the front lower hinge pillar trim. Refer to **Garnish Molding Replacement - Center Pillar Lower** .	
1	Hood Latch Release Cable Nut **Tighten:** 9 N.m (80 lb in)
2	Hood Latch Release Cable

FRONT SIDE DOOR HINGE REPLACEMENT

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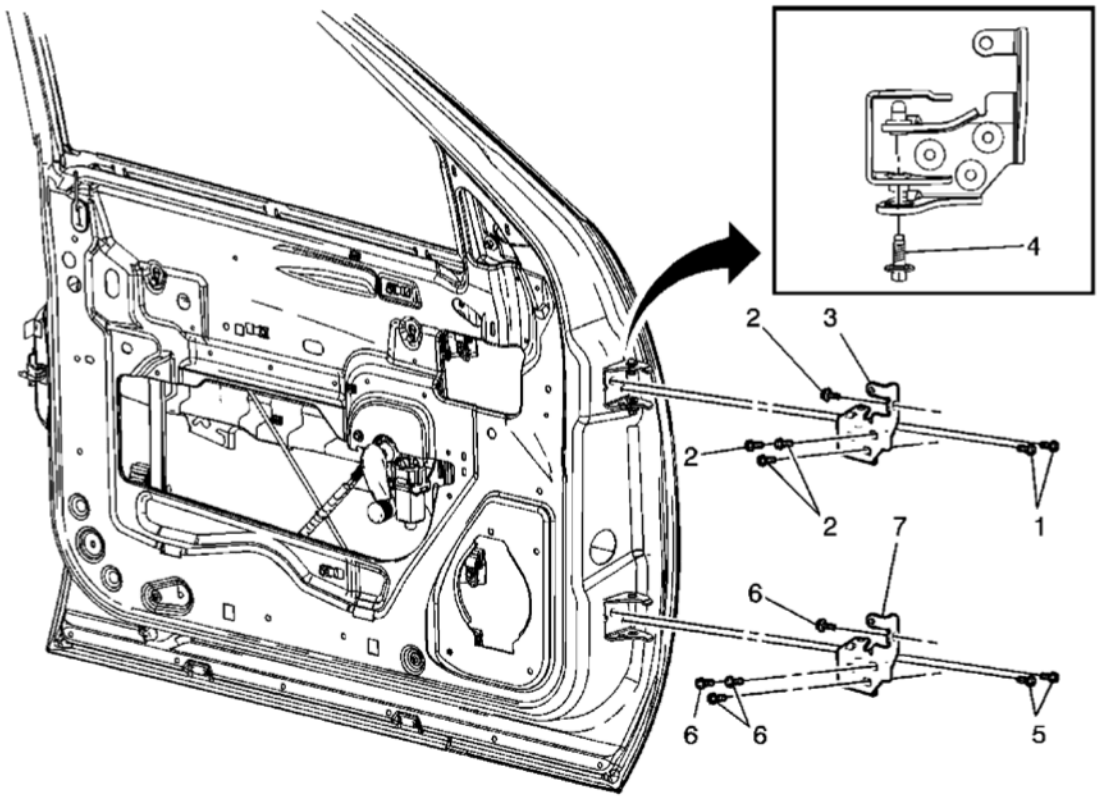


Fig. 31: View Of Front Side Door Hinge & Components
Courtesy of GENERAL MOTORS CORP.

Front Side Door Hinge Replacement

Callout	Component Name
CAUTION: **Refer to SIR Caution .** **IMPORTANT:** **Replace only one hinge at a time.** **Preliminary Procedure:** Disable the supplemental inflatable restraint (SIR) system. Refer to **SIR Disabling and Enabling** .	
1	Front Side Door Hinge Upper Bolts (Qty: 3) **NOTE:** **Fastener Notice .** **Tighten:** 25 N.m (18 lb ft)
2	Front Side Door Hinge Upper Bolts (Qty: 3)

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	Tighten: 25 N.m (18 lb ft)
3	Front Side Door Upper Hinge **Tip:** Check the door for proper alignment, then adjust as necessary.
4	Front Side Door Hinge Lower Bolt **Tighten:** 25 N.m (18 lb ft) **Tip:** After installation of the replacement upper hinge, from the underside of the hinge, remove the temporary keeper pivot bolt and replace with longer permanent bolt.
5	Front Side Door Hinge Lower Bolt (Qty: 3) **Tighten:** 25 N.m (18 lb ft)
6	Front Side Door Hinge Lower Bolts (Qty: 4) **Tighten:** 25 N.m (18 lb ft)
7	Front Side Door Lower Hinge **Tip:** Check the door for proper alignment, then adjust as necessary.

HOOD HINGE REPLACEMENT

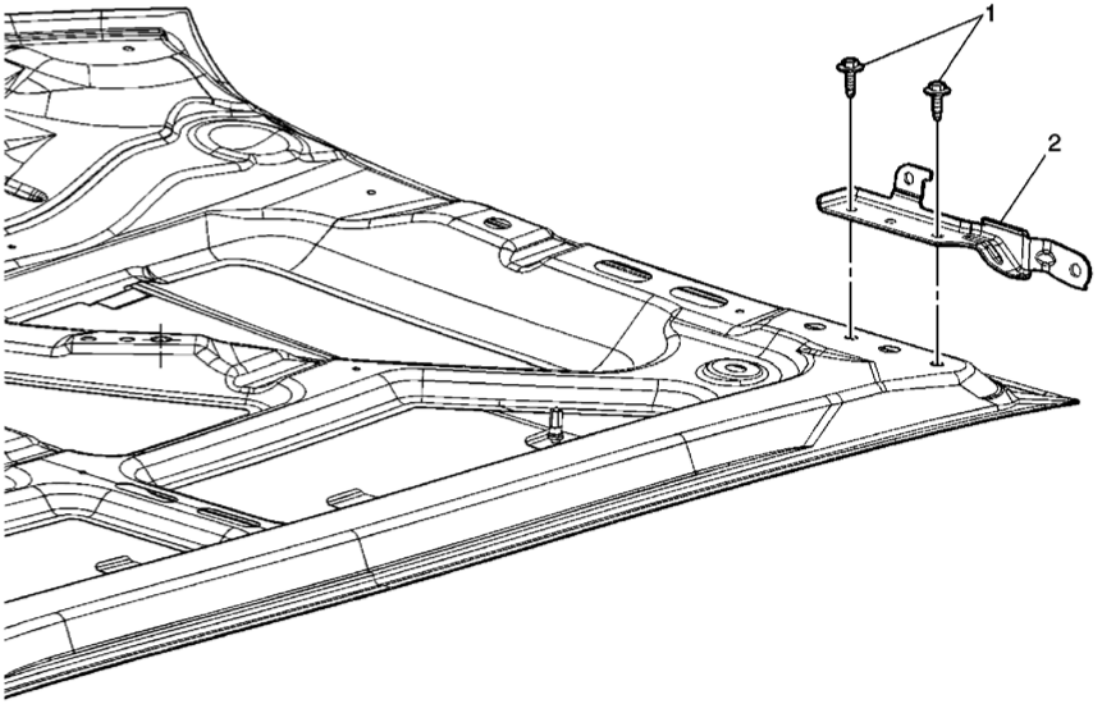


Fig. 32: View Of Hood Hinge & Bolts
Courtesy of GENERAL MOTORS CORP.

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Hood Hinge Replacement

Callout	Component Name
CAUTION: **When a hood hold open device is being removed or installed, provide alternate support to avoid the possibility of damage to the vehicle or personal injury.** **Preliminary Procedure** 1. Disconnect the hood strut rod. 2. Remove the hood. Refer to **Hood Replacement**.	
1	Hood Hinge Bolt (Qty: 4) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 25 N.m (18 lb ft)
2	Hood Hinge (Qty: 2)

HINGE REPLACEMENT - MIDGATE

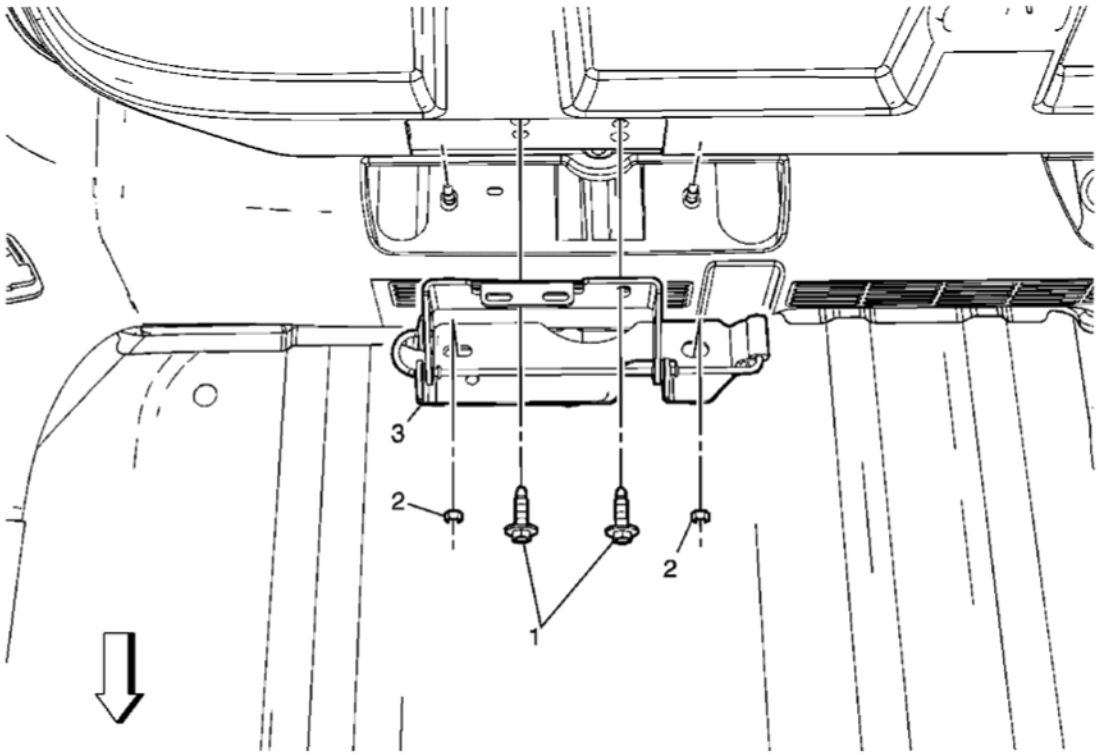


Fig. 33: View Of Midgate Hinge & Components
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Hinge Replacement - Midgate

Callout	Component Name
Preliminary Procedure: Remove the midgate hinge finish cover. Refer to **Midgate Hinge Finish Cover Replacement** .	
1	Midgate Hinge Bolt (Qty: 2) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 25 N.m (18 lb ft)
2	Midgate Hinge Nut (Qty: 2) **Tighten:** 25 N.m (18 lb ft)
3	Midgate Hinge

REAR SIDE DOOR HINGE REPLACEMENT

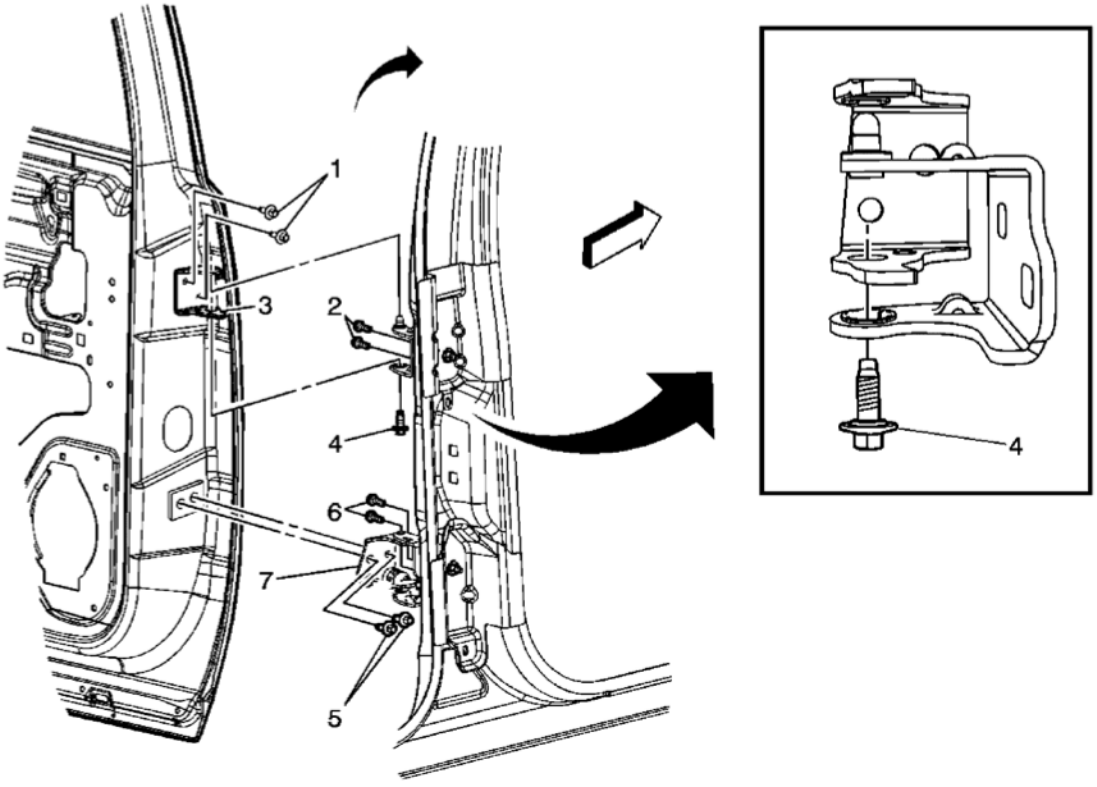


Fig. 34: View Of Rear Side Door Hinge & Components
Courtesy of GENERAL MOTORS CORP.

Rear Side Door Hinge Replacement

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Callout	Component Name
CAUTION: Refer to **SIR Caution** . **IMPORTANT:** **Replace only one hinge at a time.** **Preliminary Procedure:** Disable the supplemental inflatable restraint (SIR) system. Refer to **SIR Disabling and Enabling** .	
1	Rear Side Door Hinge Upper Bolts (Qty: 2) **NOTE:** **Fastener Notice** . **Tighten:** 25 N.m (18 lb ft)
2	Rear Side Door Hinge Upper Bolts (Qty: 2) **Tighten:** 25 N.m (18 lb ft)
3	Rear Side Door Upper Hinge **Tip:** Check the door for proper alignment, then adjust as necessary.
4	Rear Side Door Hinge Lower Bolt **Tighten:** 25 N.m (18 lb ft) **Tip:** After installation of the replacement upper hinge, from the underside of the hinge, remove the temporary keeper pivot bolt and replace with longer permanent bolt.
5	Rear Side Door Hinge Lower Bolts (Qty: 2) **Tighten:** 25 N.m (18 lb ft)
6	Rear Side Door Hinge Lower Bolts (Qty: 2) **Tighten:** 25 N.m (18 lb ft)
7	Rear Side Door Lower Hinge **Tip:** Check the door for proper alignment, then adjust as necessary.

HOOD REPLACEMENT

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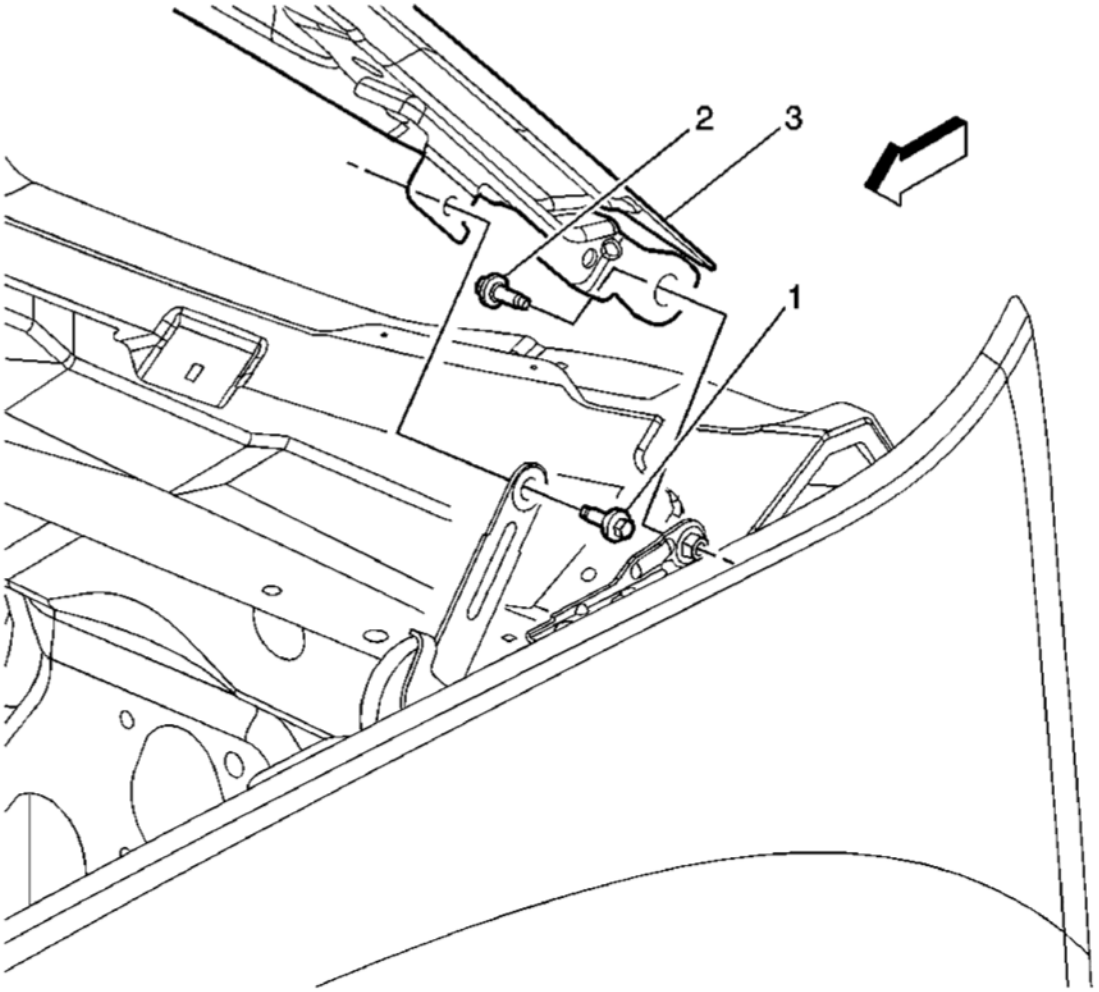


Fig. 35: View Of Hood & Bolts
Courtesy of GENERAL MOTORS CORP.

Hood Replacement

Callout	Component Name
CAUTION: **When a hood hold open device is being removed or installed, provide alternate support to avoid the possibility of damage to the vehicle or personal injury.** **Preliminary Procedure** 1. Disconnect the hood strut rod. Refer to **Hood Strut Replacement**. 2. Remove the air inlet panel end panels. Refer to **Air Inlet Grille Panel Replacement** .	
	Hood Bolts (Qty: 2) **NOTE:**

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1	**Refer to Fastener Notice .** **Tighten:** 25 N.m (18 lb ft)
2	Hood **Tip:** Disconnect the electrical connector.

HOOD INSULATOR REPLACEMENT

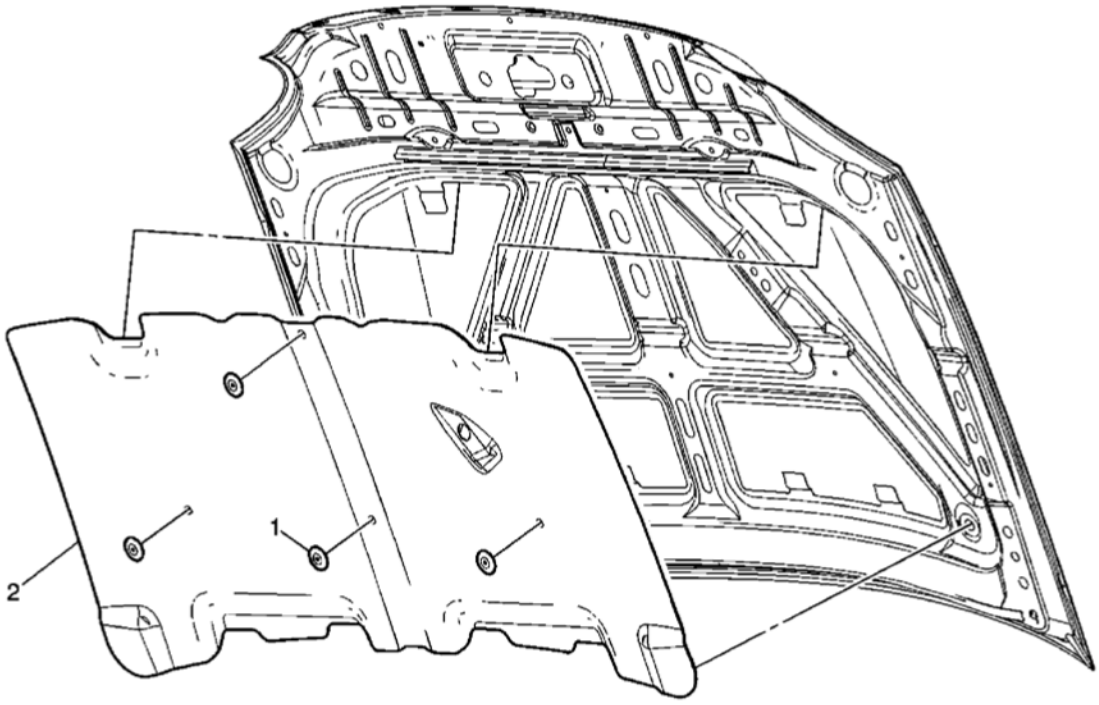


Fig. 36: View Of Hood Insulator & Retainers
Courtesy of GENERAL MOTORS CORP.

Hood Insulator Replacement

Callout	Component Name
Preliminary Procedure: Disconnect the hood strut rod. Refer to **Hood Strut Replacement**.	
1	Hood Insulator Retainers (Qty: 4)
2	Hood Insulator

HOOD LATCH REPLACEMENT

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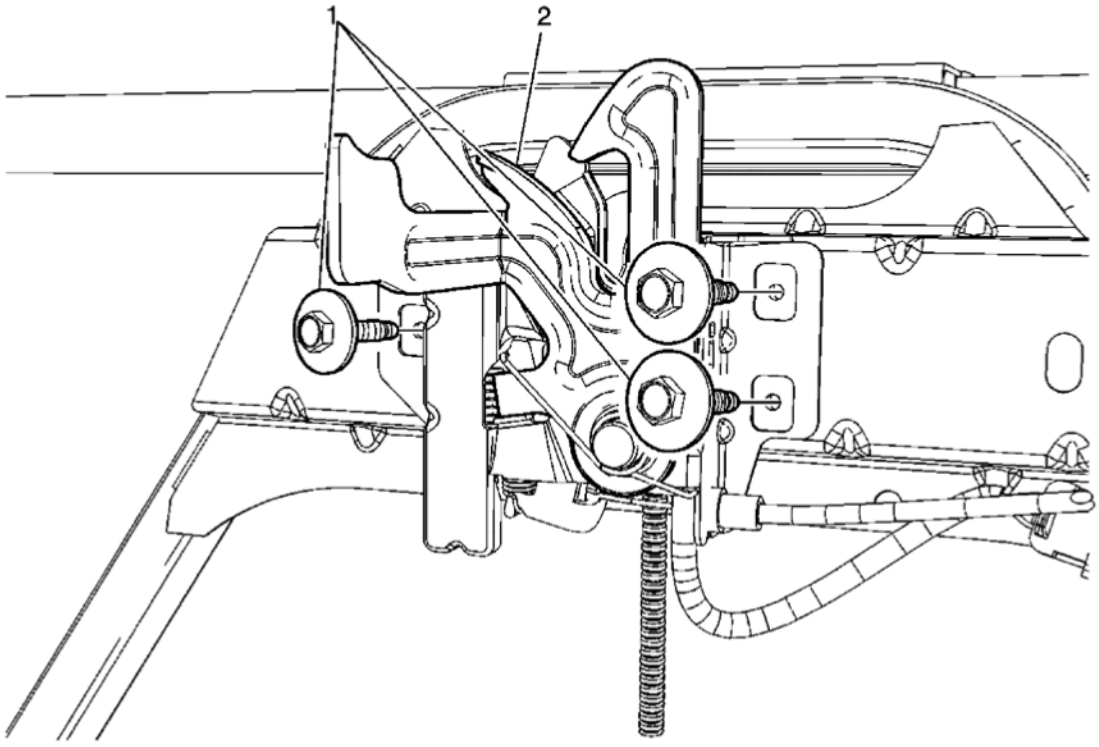


Fig. 37: View Of Hood Latch & Screws
Courtesy of GENERAL MOTORS CORP.

Hood Latch Replacement

Callout	Component Name
Preliminary Procedure 1. Remove the headlamps. Refer to **Headlamp Replacement (Non HID)** or **Headlamp Replacement (Yukon)** or **Headlamp Replacement (Tahoe, Avalanche)** or **Headlamp Replacement (Cadillac Escalade)** . 2. Remove the grille support. Refer to **Support Replacement - Radiator Grille Reinforcement**. 3. Disconnect the hood latch cable. Refer to **Hood Latch Release Cable Replacement**.	
1	Hood Latch Screws (Qty: 4) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 9 N.m (80 lb in)
2	Hood Latch **Tip:** Disconnect the electrical connector.

LIFTGATE LATCH REPLACEMENT

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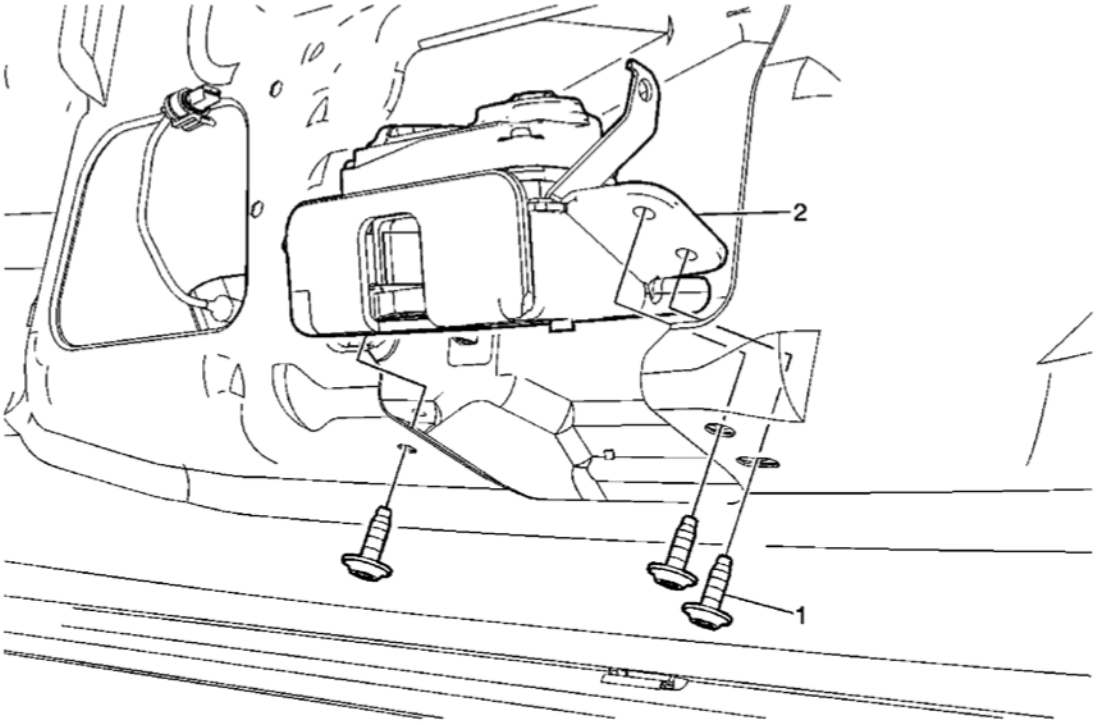


Fig. 38: View Of Liftgate Handle Assembly & Screws
Courtesy of GENERAL MOTORS CORP.

Liftgate Latch Replacement

Callout	Component Name
Preliminary Procedure: Remove the liftgate trim panel. Refer to **Liftgate Trim Panel Replacement** .	
1	Liftgate Latch Screws (Qty: 3) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 9 N.m (80 lb in)
2	Liftgate Handle Assembly **Tip:** • Disconnect the electrical connector. • Calibrate the liftgate. Refer to **Lift Gate Calibration Procedure** .

LID REPLACEMENT - CARGO BOX STOWAGE BOX

Removal Procedure

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1. Lower the endgate.
2. Remove the cargo box cover assembly. Refer to **Cargo Box Front Cover, Center Cover, and Rear Cover Replacement**.
3. Remove the assist handle. Refer to **Assist Handle Replacement - Endgate (Avalanche)** .
4. Remove the top drain grate.
5. Remove the cargo box bridge side inner panel. Refer to **Panel Replacement - Cargo Box Bridge Side Inner (Avalanche)** or **Panel Replacement - Cargo Box Bridge Side Inner (Escalade EXT)**.

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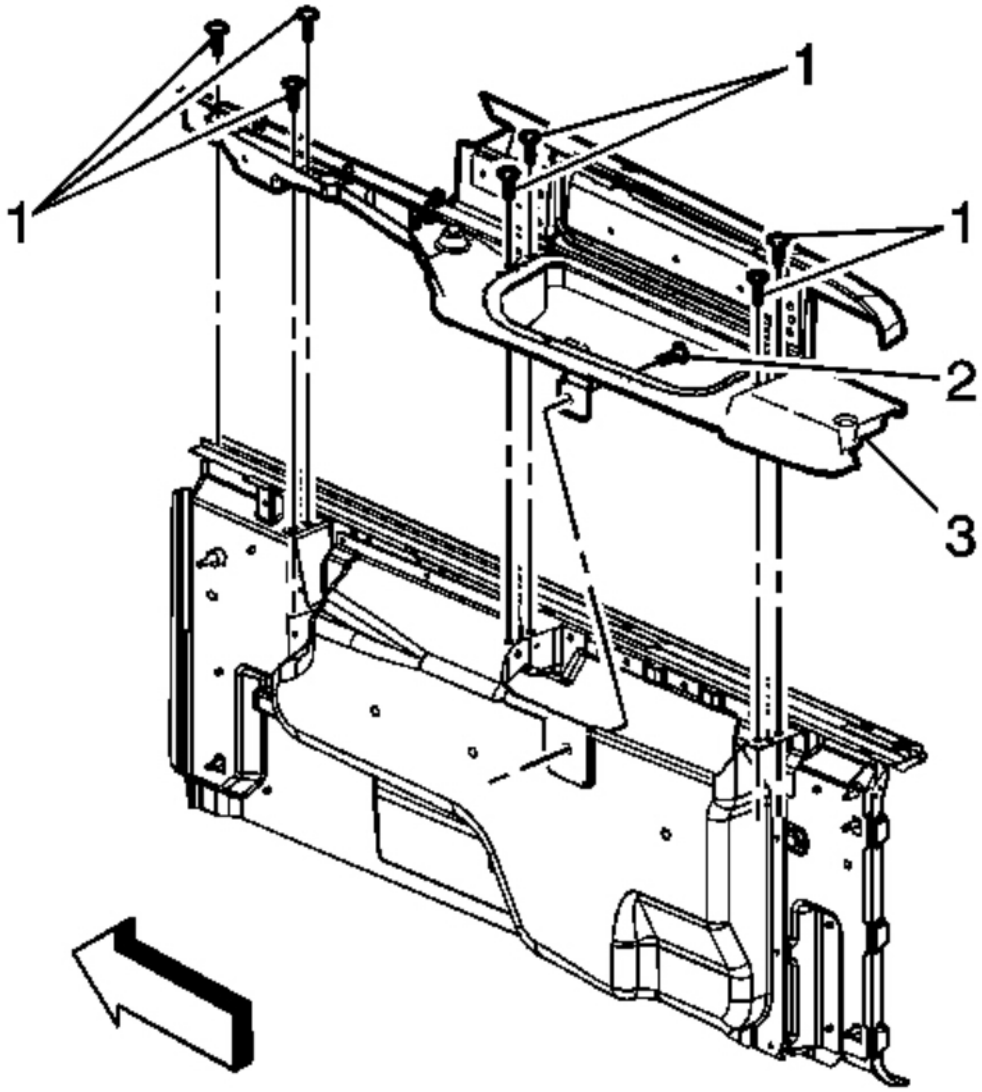


Fig. 39: View Of Cargo Stowage Box & Bolts
Courtesy of GENERAL MOTORS CORP.

6. Remove the bolt (2) from inside the cargo box stowage lid assembly.
7. Remove the bolts (1) from the top of the stowage lid.
8. Remove the cargo box stowage box water run channel.
9. Remove the cargo box from the vehicle.

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Installation Procedure

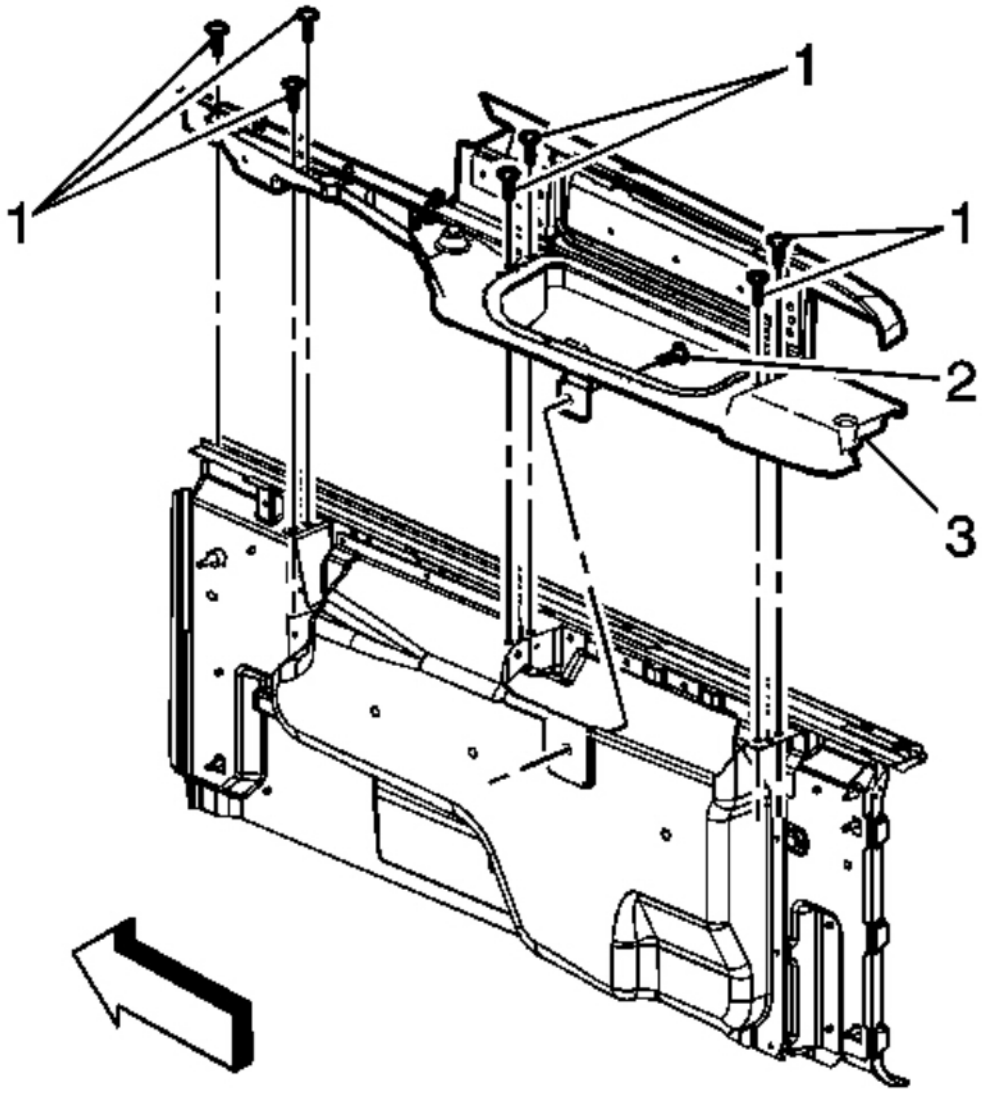


Fig. 40: View Of Cargo Stowage Box & Bolts
Courtesy of GENERAL MOTORS CORP.

1. Position the cargo box stowage lid (3) to the vehicle.

IMPORTANT: Ensure that the feather edge is properly sealed to the glass and side

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panels.

2. Install the cargo box water run channel.

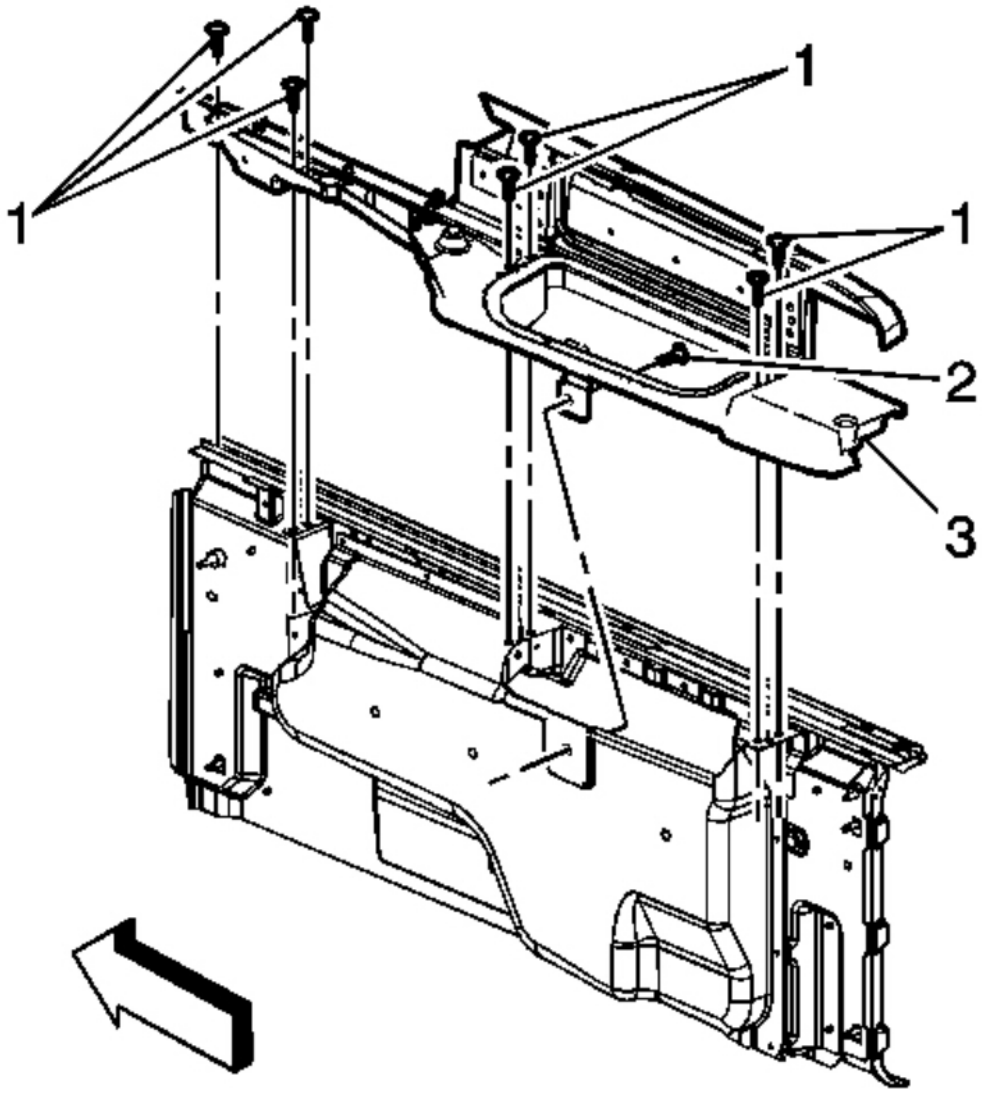


Fig. 41: View Of Cargo Stowage Box & Bolts
Courtesy of GENERAL MOTORS CORP.

NOTE: **Refer to Fastener Notice .**

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3. Install the bolts to the cargo box stowage lid (1).

   Tighten: Tighten the bolts to 9 N.m (80 lb in).

4. Install the bolt inside the cargo box stowage lid assembly (2).

   Tighten: Tighten the bolt to 9 N.m (80 lb in).

5. Install the cargo box bridge side inner panel. Refer to **Panel Replacement - Cargo Box Bridge Side Inner (Avalanche)** or **Panel Replacement - Cargo Box Bridge Side Inner (Escalade EXT)**.
6. Install the assist handle. Refer to **Assist Handle Replacement - Endgate (Avalanche)** .
7. Install the cargo box cover assembly. Refer to **Cargo Box Front Cover, Center Cover, and Rear Cover Replacement**.
8. Close the endgate.

HOOD LINK REPLACEMENT

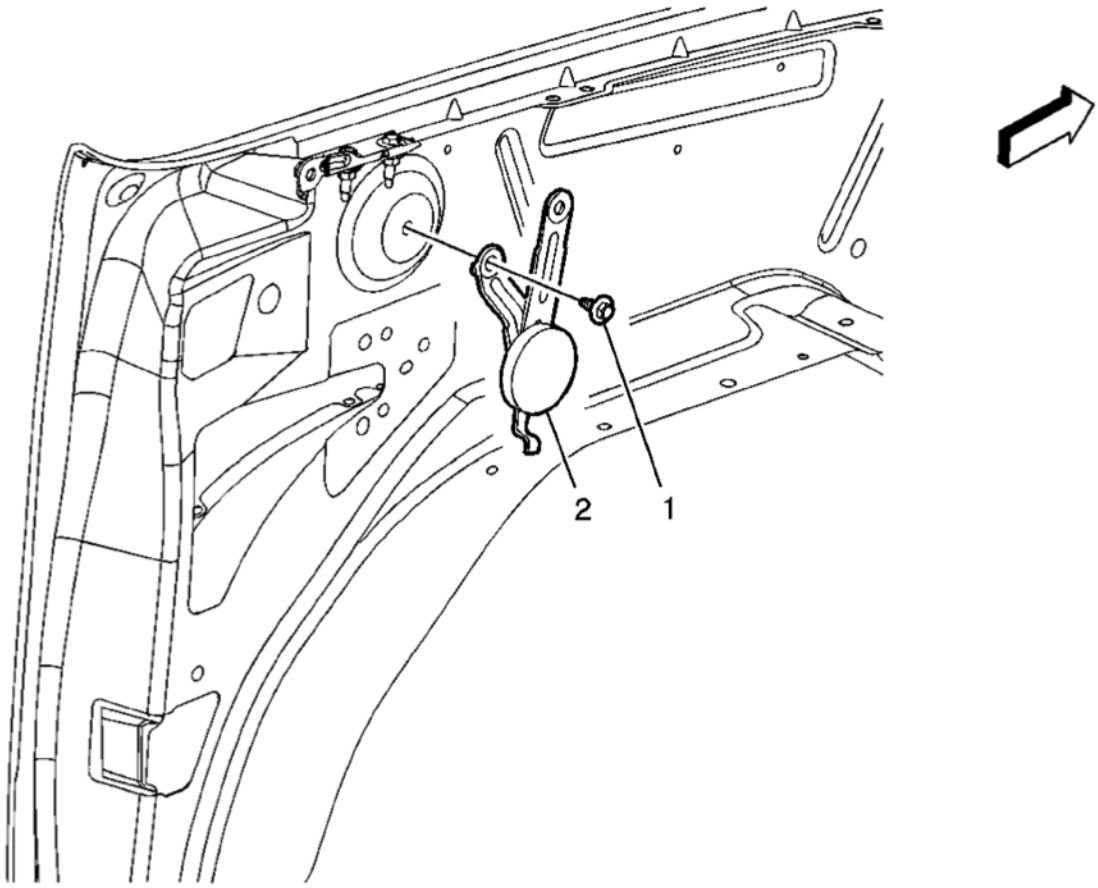


Fig. 42: View Of Hood Hinge Spring & Bolt
Courtesy of GENERAL MOTORS CORP.

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Hood Link Replacement

Callout	Component Name
CAUTION: **When a hood hold open device is being removed or installed, provide alternate support to avoid the possibility of damage to the vehicle or personal injury.** **Preliminary Procedure:** Remove the hood. Refer to **Hood Replacement**.	
1	Hood Hinge Spring Bolt **NOTE:** **Refer to Fastener Notice .** **Tighten:** 25 N.m (18 lb ft)
2	Hood Hinge Spring

PANEL REPLACEMENT - CARGO BOX BRIDGE CENTER (AVALANCHE)

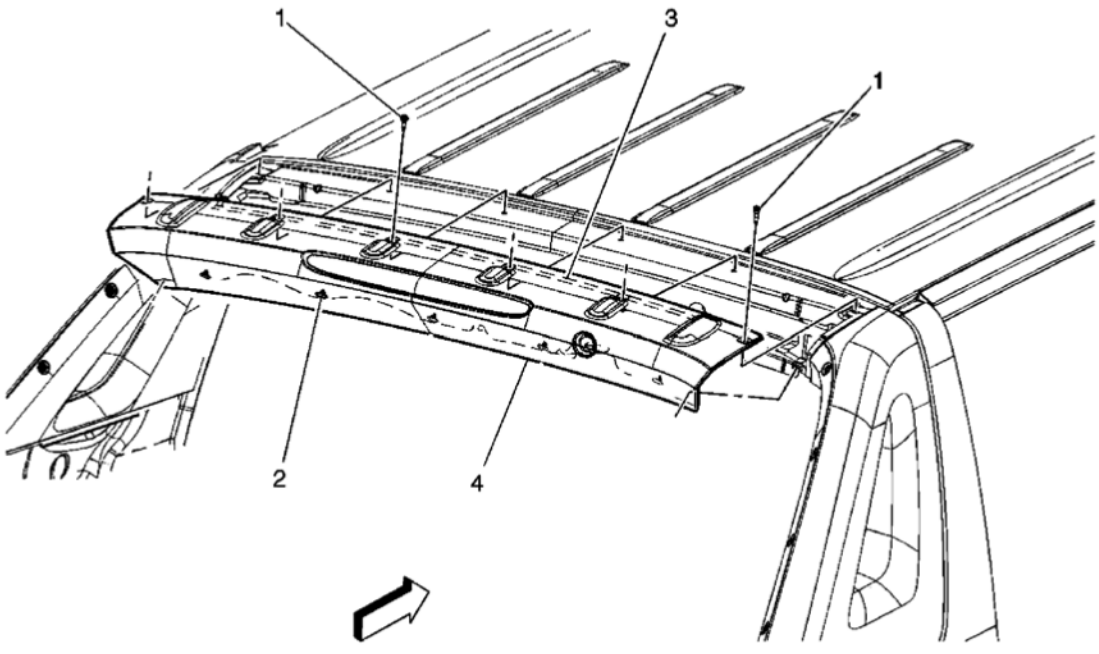


Fig. 43: View Of Cargo Box Bridge Center Panel Assembly & Components
Courtesy of GENERAL MOTORS CORP.

Panel Replacement - Cargo Box Bridge Center (Avalanche)

Callout	Component Name
Preliminary Procedures 1. Ensure headlamp switch is in the OFF position.	

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2. Remove rear compartment cover assembly. Refer to **Cargo Box Front Cover, Center Cover, and Rear Cover Replacement**.	
1	Cargo Box Bridge Center Panel Screw (Qty: 6) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 7 N.m (62 lb in)
2	Cargo Box Bridge Center Panel Retainer (Qty: 5)
3	Cargo Box Bridge Center Panel Assembly **Tip:** 1. Disconnect electrical connector. 2. When re-installing panel assembly, lubricate panel grommet prior to seating. 3. If replacing panel assembly, transfer high mount stop lamp. Refer to **High Mounted Stop Lamp Replacement (Yukon)** or **High Mounted Stop Lamp Replacement (Escalade)** or **High Mounted Stop Lamp Replacement (Avalanche)** .

PANEL REPLACEMENT - CARGO BOX BRIDGE CENTER (ESCALADE EXT)

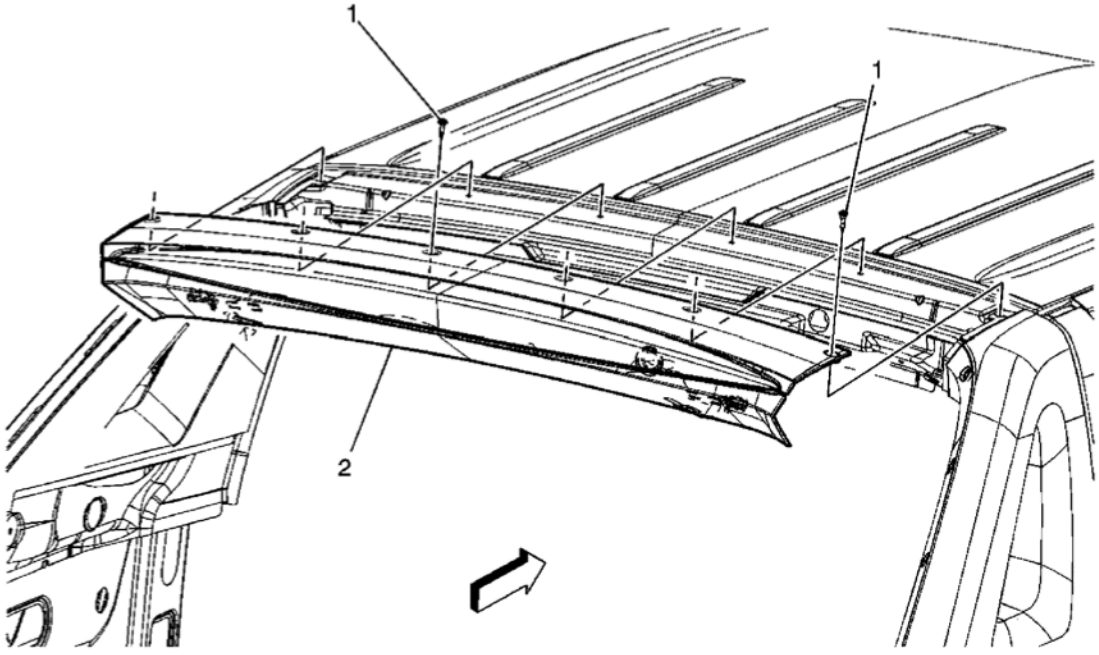


Fig. 44: View Of Cargo Box Bridge Center Panel Assembly & Components
Courtesy of GENERAL MOTORS CORP.

Panel Replacement - Cargo Box Bridge Center (Escalade EXT)

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Callout	Component Name
Preliminary Procedures 1. Ensure headlamp switch is in the OFF position. 2. Remove rear compartment cover assembly. Refer to **Cargo Box Front Cover, Center Cover, and Rear Cover Replacement**.	
1	Cargo Box Bridge Center Panel Screw (Qty: 6) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 7 N.m (62 lb in)
2	Cargo Box Bridge Center Panel Assembly **Tip:** 1. Disconnect electrical connector. 2. When re-installing panel assembly, lubricate panel grommet prior to seating. 3. If replacing panel assembly, transfer high mounted stop lamp. Refer to **High Mounted Stop Lamp Replacement (Yukon)** or **High Mounted Stop Lamp Replacement (Escalade)** or **High Mounted Stop Lamp Replacement (Avalanche)** .

PANEL REPLACEMENT - CARGO BOX BRIDGE SIDE INNER (AVALANCHE)

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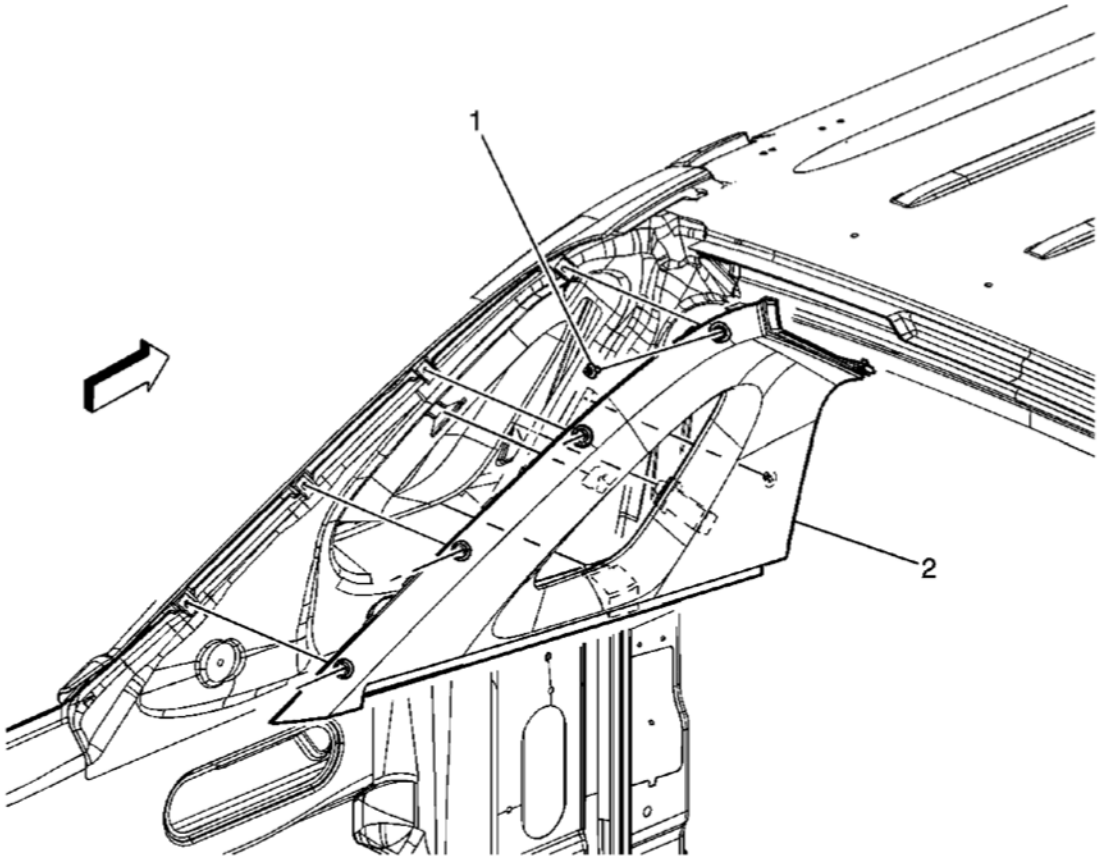


Fig. 45: View Of Cargo Box Bridge Side Inner Panel Assembly & Screws
Courtesy of GENERAL MOTORS CORP.

Panel Replacement - Cargo Box Bridge Side Inner (Avalanche)

Callout	Component Name
Preliminary Procedures 1. Remove rear compartment cover assembly. Refer to **Cargo Box Front Cover, Center Cover, and Rear Cover Replacement**. 2. Remove cargo box bridge center panel. Refer to **Panel Replacement - Cargo Box Bridge Center (Avalanche)** or **Panel Replacement - Cargo Box Bridge Center (Escalade EXT)**.	
1	Cargo Box Bridge Side Inner Panel Screw (Qty: 4) **Tip:** Use a flat-bladed tool to release retainers.
2	Cargo Box Bridge Side Inner Panel Assembly

PANEL REPLACEMENT - CARGO BOX BRIDGE SIDE INNER (ESCALADE EXT)

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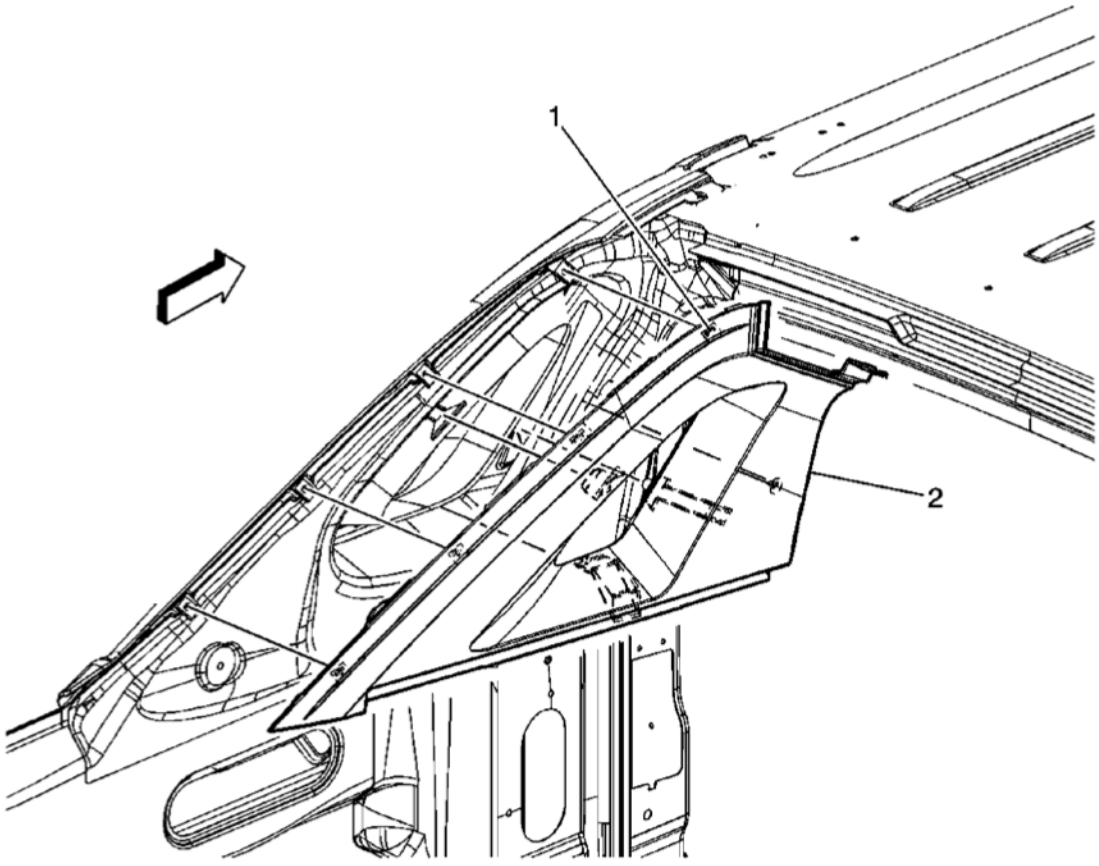


Fig. 46: View Of Cargo Box Bridge Side Inner Panel Assembly
Courtesy of GENERAL MOTORS CORP.

Panel Replacement - Cargo Box Bridge Side Inner (Escalade EXT)

Callout	Component Name
Preliminary Procedures 1. Remove rear compartment cover assembly. Refer to **Cargo Box Front Cover, Center Cover, and Rear Cover Replacement**. 2. Remove cargo box bridge center panel. Refer to **Panel Replacement - Cargo Box Bridge Center (Avalanche)** or **Panel Replacement - Cargo Box Bridge Center (Escalade EXT)**.	
1	Cargo Box Bridge Side Inner Panel Screw (Qty: 4) **Tip:** Use a flat-bladed tool to release retainers.
2	Cargo Box Bridge Side Inner Panel Assembly

PANEL REPLACEMENT - CARGO BOX BRIDGE SIDE OUTER

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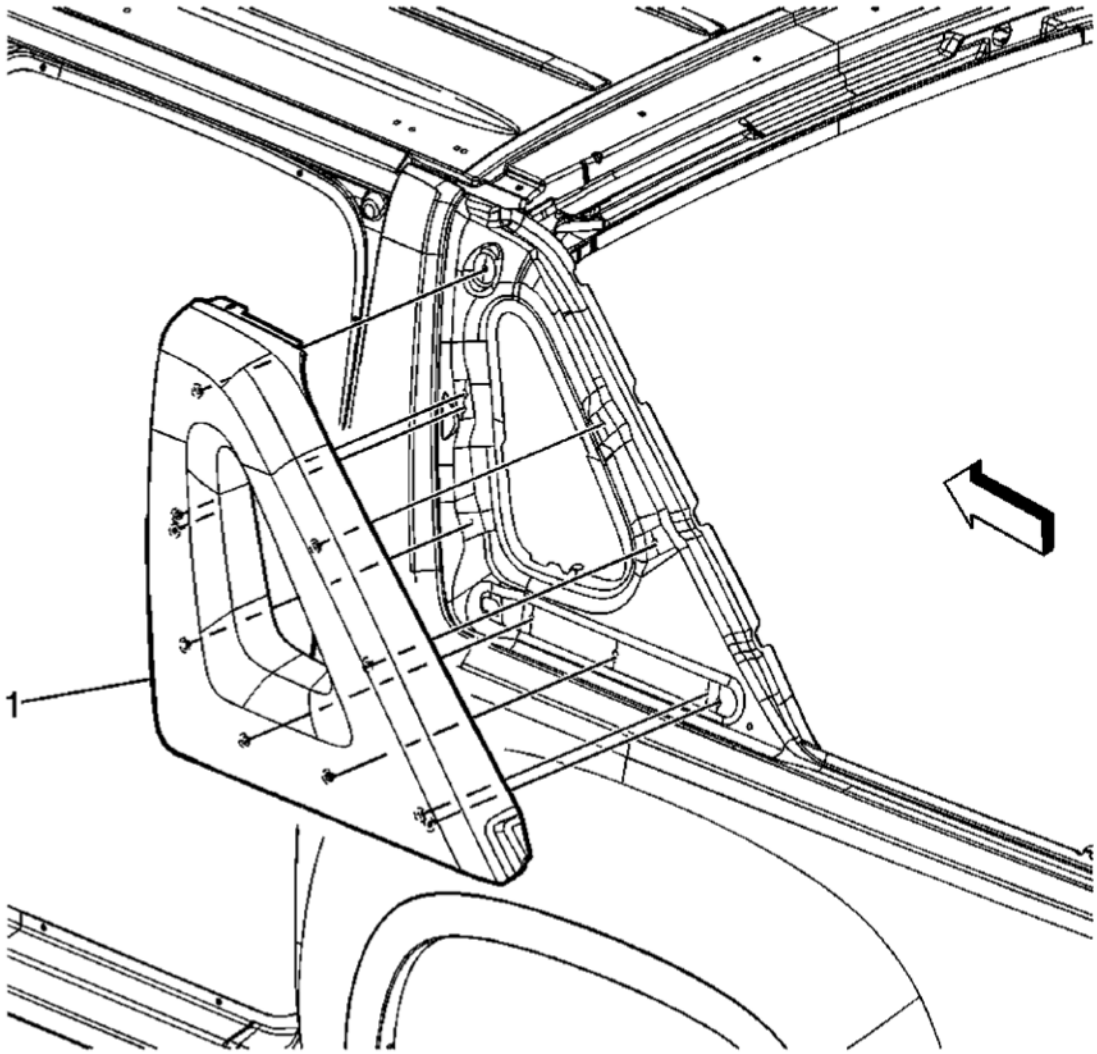


Fig. 47: View Of Cargo Box Bridge Side Outer Panel Assembly
Courtesy of GENERAL MOTORS CORP.

Panel Replacement - Cargo Box Bridge Side Outer

Callout	Component Name
Preliminary Procedures 1. Remove rear compartment cover assembly. Refer to **Cargo Box Front Cover, Center Cover, and Rear Cover Replacement**. 2. Remove cargo box bridge center panel. Refer to **Panel Replacement - Cargo Box Bridge Center (Avalanche)** or **Panel Replacement - Cargo Box Bridge Center (Escalade EXT)**. 3. Remove cargo box bridge side inner panel. Refer to **Panel Replacement - Cargo Box Bridge Side Inner (Avalanche)** or **Panel Replacement - Cargo Box Bridge Side Inner (Escalade EXT)**.	
1	Cargo Box Bridge Side Outer Panel Assembly

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Tip: Pull up on panel in order to release fasteners.

LIFT WINDOW PANEL ADJUSTMENT - REAR

The liftgate and liftglass hinges share a common rotation axis.

Fore/Aft Adjustment

The liftgate and liftglass are adjusted together in this direction. The liftgate hinge can be adjusted fore/aft on its D-ring attachment surface through a mean shift in the pierced net hole on the D-ring.

Up/Down Adjustment

- The liftgate and liftglass are adjusted separately in this direction.
- Liftgate-Slots on the liftgate-side strap of the liftgate hinge allow the liftgate to be adjusted up/down without affecting the position of the liftglass.
- Liftglass-There is no separate up/down adjustment for liftglass.

Cross-Car Adjustment

- The liftgate and liftglass are adjusted separately in this position.
- Liftgate-Slots on the driver-side liftgate hinge-liftgate-side strap allow the liftgate to be adjusted cross-car without affecting the position of the liftgate.
- Liftglass-Slots on the passenger-side liftgate hinge-liftgate-side strap allow the liftglass to be adjusted cross-car without affecting the position of the liftgate.

MIDGATE PANEL REPLACEMENT - INNER

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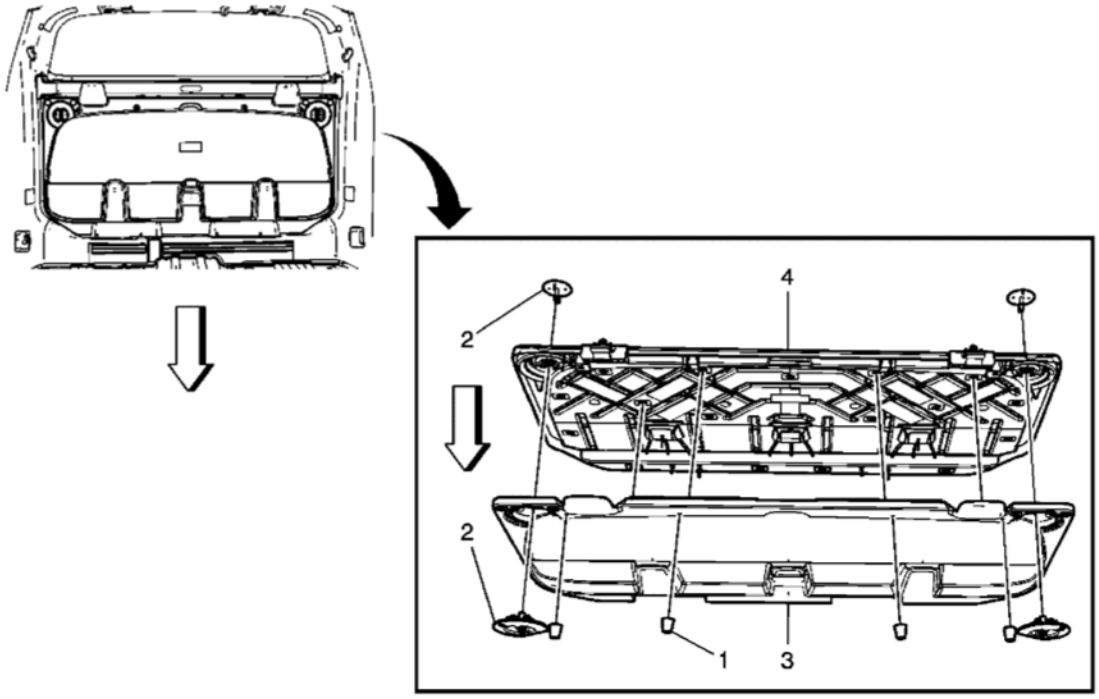


Fig. 48: View Of Inner Midgate Panel & Components
Courtesy of GENERAL MOTORS CORP.

Midgate Panel Replacement - Inner

Callout	Component Name
Preliminary Procedure: Remove the midgate outer panel. Refer to **Midgate Panel Replacement - Outer**.	
1	Midgate Assembly Bumper (Qty: 4) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 9 N.m (80 lb in)
2	Glass Retention Latch (Qty: 2) **Tighten:** 2 N.m (18 lb in)
3	Inner Midgate Panel
4	Inner Midgate Panel Clips (Qty: 17)

MIDGATE PANEL REPLACEMENT - OUTER

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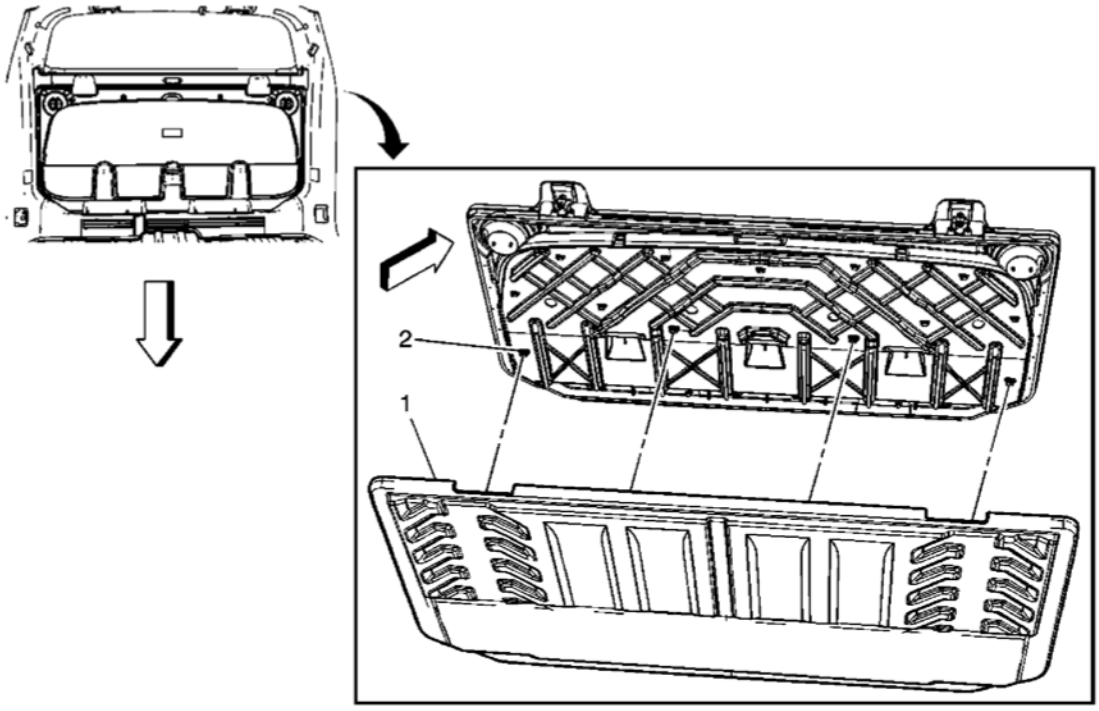


Fig. 49: View Of Outer Midgate Panel & Clips
Courtesy of GENERAL MOTORS CORP.

Midgate Panel Replacement - Outer

Callout	Component Name
Preliminary Procedure: Remove the midgate assembly. Refer to **Midgate Replacement**.	
1	Outer Midgate Panel
2	Outer Midgate Panel Clips (Qty: 17)

ENDGATE TORQUE ROD REPLACEMENT

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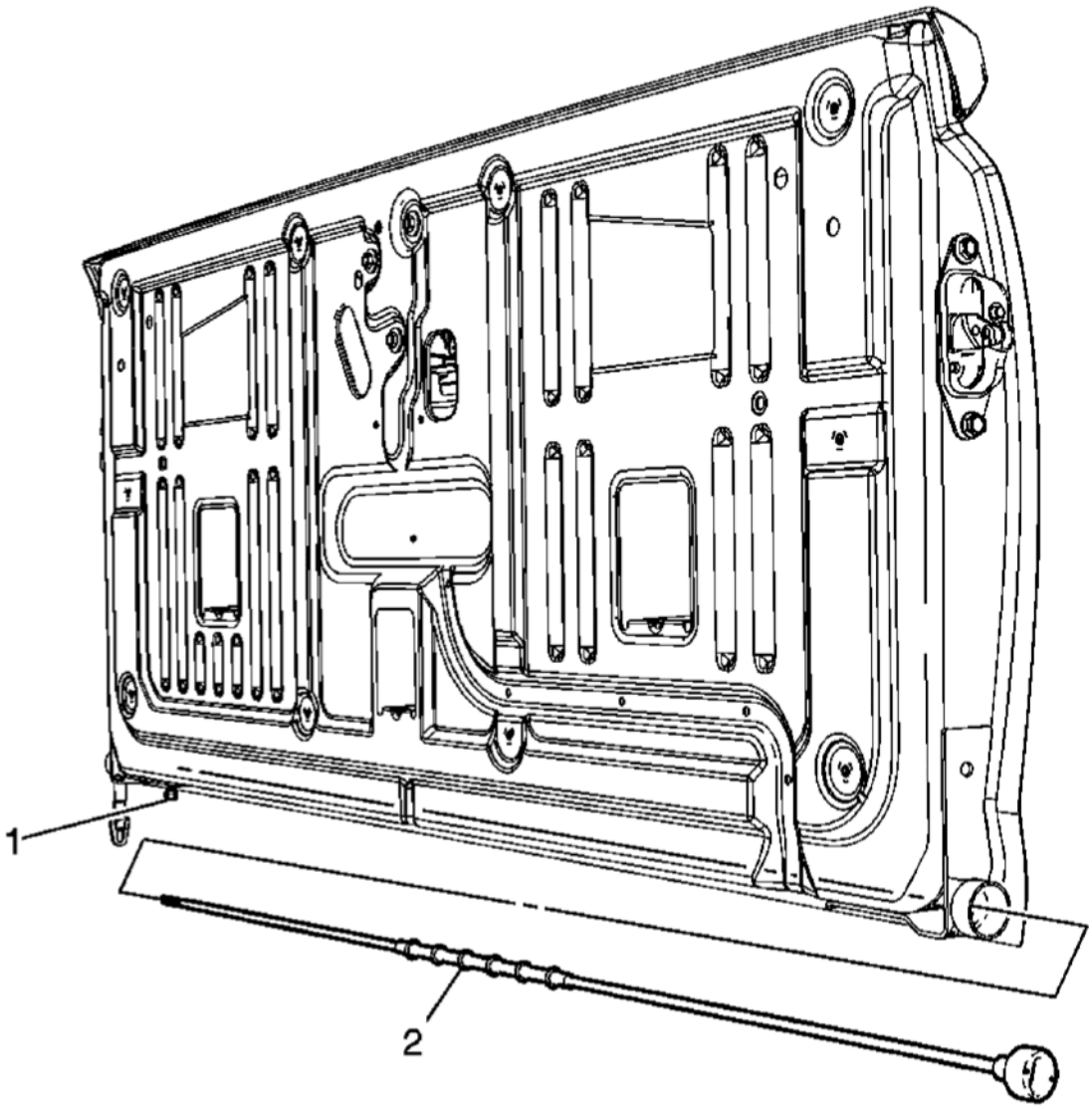


Fig. 50: View Of Torque Rod Assembly & Retainer Bolt
Courtesy of GENERAL MOTORS CORP.

Endgate Torque Rod Replacement

Callout	Component Name
1	Torque Rod Retainer Bolt **NOTE:** **Refer to Fastener Notice .** **Tighten:** 12 N.m (106 lb in)

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	Tip: Loosen bolt only, DO NOT remove.
2	Torque Rod Assembly

HOOD STRUT REPLACEMENT

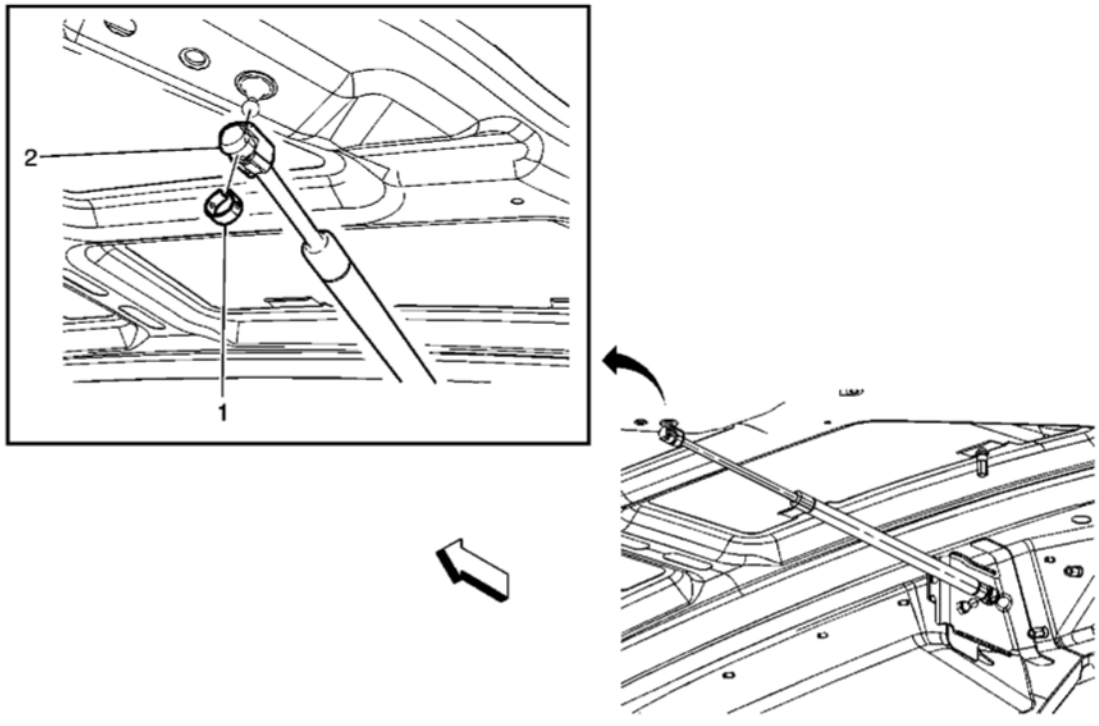


Fig. 51: View Of Hood Strut & Retainers
Courtesy of GENERAL MOTORS CORP.

Hood Strut Replacement

Callout	Component Name
CAUTION: **When a hood hold open device is being removed or installed, provide alternate support to avoid the possibility of damage to the vehicle or personal injury.**	
1	Hood Strut Retainer (Qty: 2)
2	Hood Strut

HOOD FRONT SEAL REPLACEMENT

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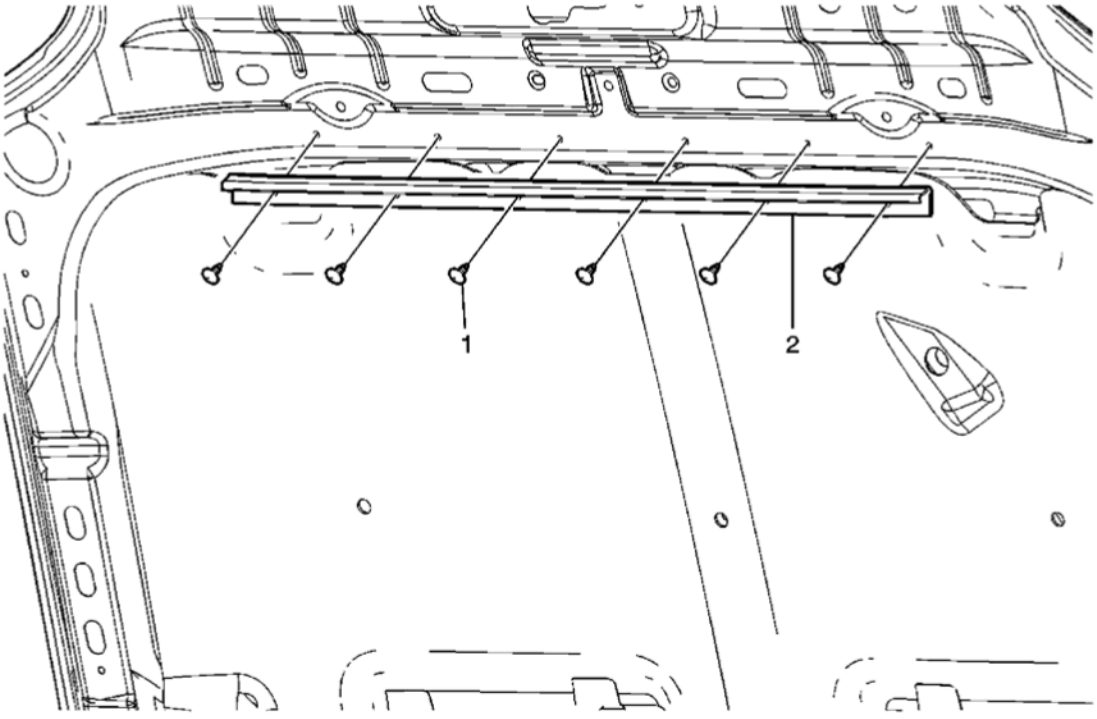


Fig. 52: View Of Front Hood Weatherstrip & Retainers
Courtesy of GENERAL MOTORS CORP.

Hood Front Seal Replacement

Callout	Component Name
1	Front Hood Weatherstrip Retainer (Qty: 6)
2	Front Hood Weatherstrip

HOOD REAR SEAL REPLACEMENT

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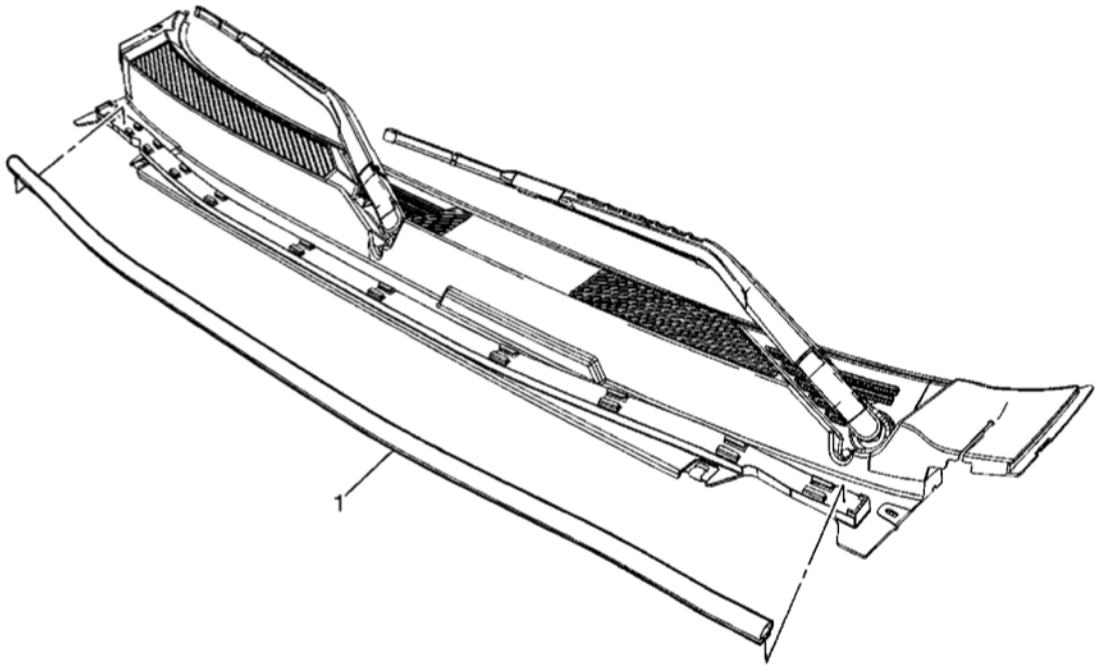


Fig. 53: View Of Rear Hood Seal
Courtesy of GENERAL MOTORS CORP.

Hood Rear Seal Replacement

Callout	Component Name
1	Rear Hood Seal

FRONT SIDE DOOR BOTTOM AUXILIARY SEALING STRIP REPLACEMENT

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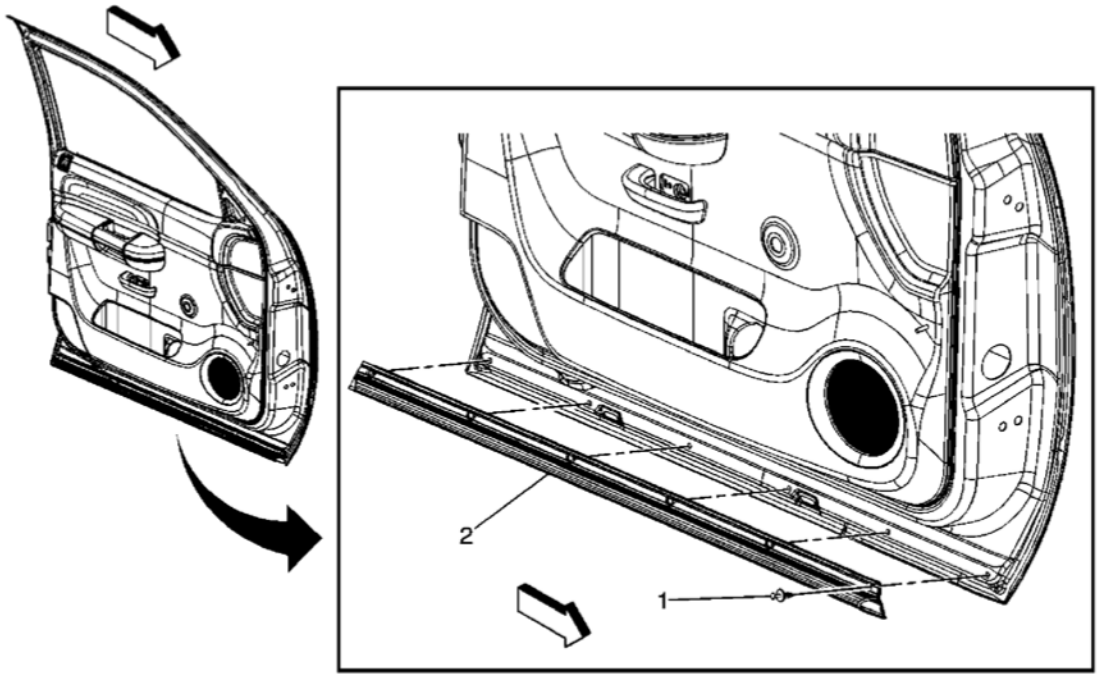


Fig. 54: View Of Front Side Door Bottom Auxiliary Sealing Strip & Retainers
Courtesy of GENERAL MOTORS CORP.

Front Side Door Bottom Auxiliary Sealing Strip Replacement

Callout	Component Name
1	Front Side Door Bottom Auxiliary Sealing Strip Retainer (Qty: 6)
2	Front Side Door Bottom Auxiliary Sealing Strip

REAR SIDE DOOR BOTTOM AUXILIARY SEALING STRIP REPLACEMENT

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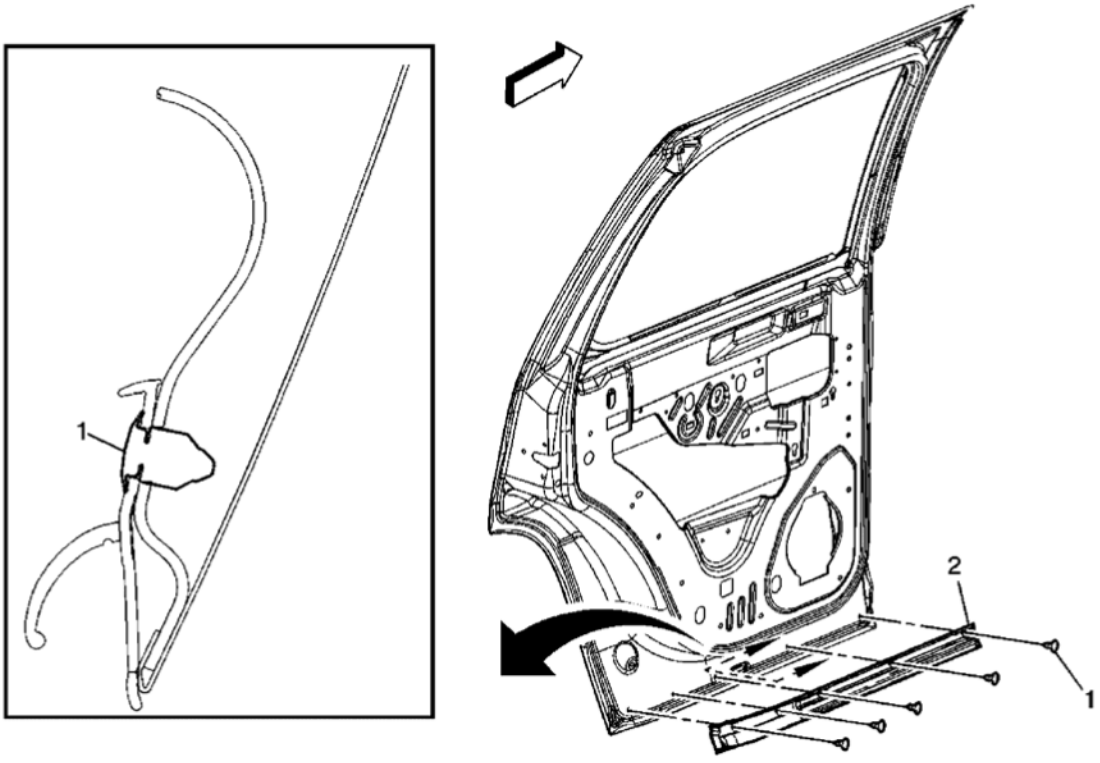


Fig. 55: View Of Rear Side Door Bottom Auxiliary Sealing Strip & Retainers
Courtesy of GENERAL MOTORS CORP.

Rear Side Door Bottom Auxiliary Sealing Strip Replacement

Callout	Component Name
Fastener Tightening Specifications: Refer to **Fastener Tightening Specifications** .	
1	Rear Side Door Bottom Auxiliary Sealing Strip Retainer (Qty: 5)
2	Rear Side Door Bottom Auxiliary Sealing Strip

SEALING STRIP REPLACEMENT - REAR DOOR FRONT AUXILIARY

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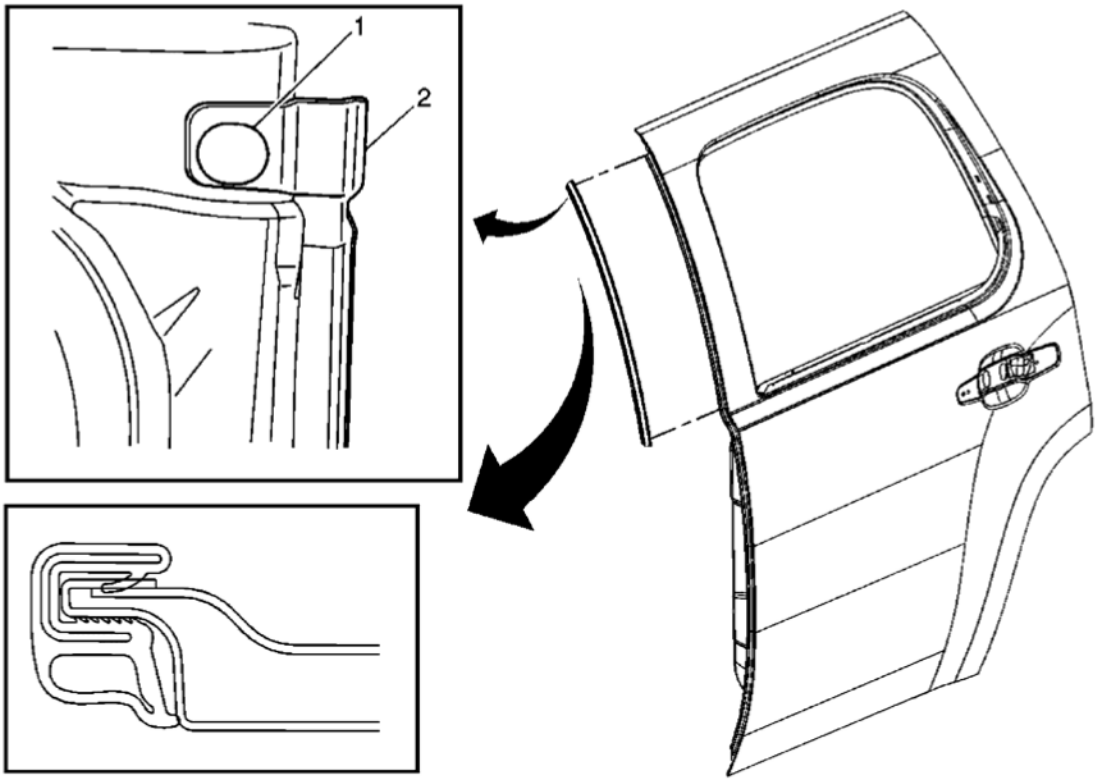


Fig. 56: View Of Rear Side Door Front Auxiliary Sealing Strip & Push-In Retainer
Courtesy of GENERAL MOTORS CORP.

Sealing Strip Replacement - Rear Door Front Auxiliary

Callout	Component Name
1	Push-In Retainer **Tip:** Remove the push-in retainer at the top.
2	Rear Side Door Front Auxiliary Sealing Strip **Tip:** Pull the sealing strip from the door.

LIFT GATE STRUT REPLACEMENT

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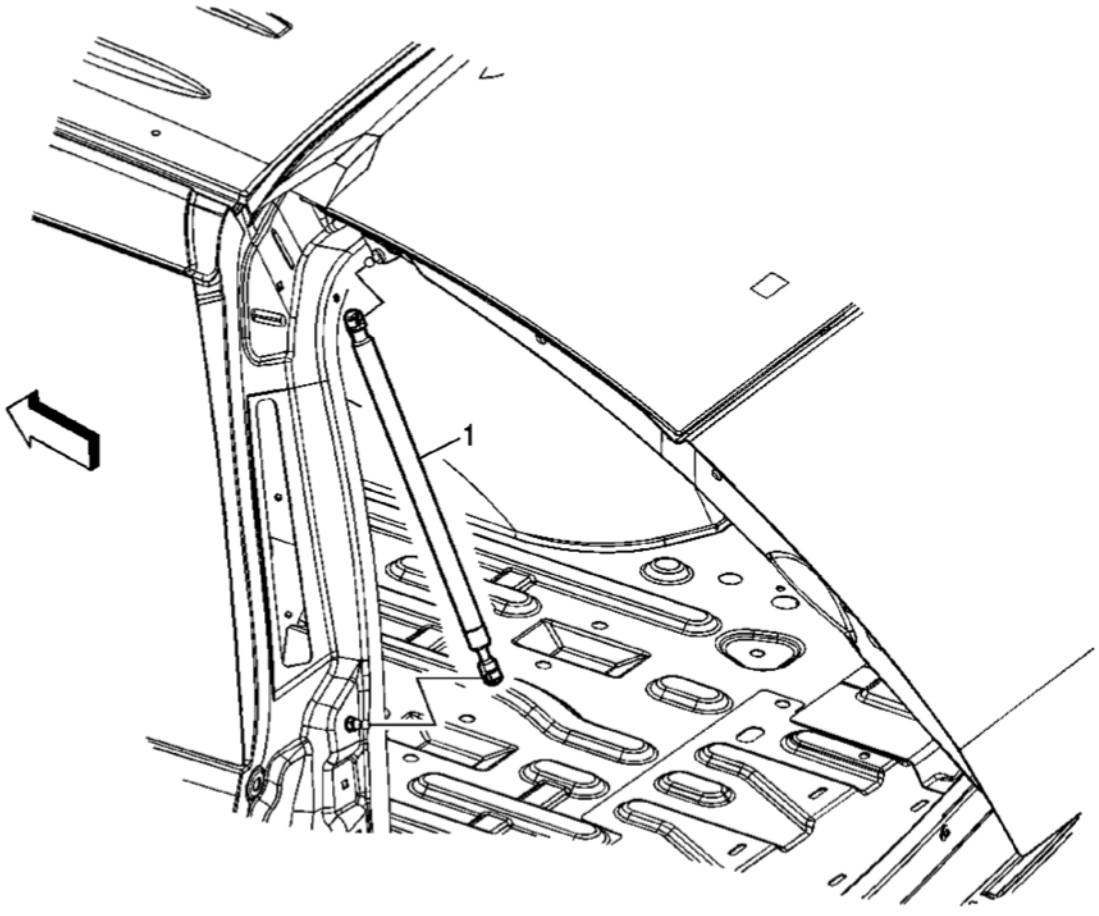


Fig. 57: View Of Liftgate Strut
Courtesy of GENERAL MOTORS CORP.

Lift Gate Strut Replacement

Callout	Component Name
CAUTION: **When a lift gate hold open device is being removed or installed, provide alternate support to avoid the possibility of damage to the vehicle or personal injury.**	
1	Liftgate Strut **Tip:** • Release the lock tabs on the strut. • Calibrate the liftgate. Refer to **Lift Gate Calibration Procedure** .

LIFTGATE STRUT BALL STUD REPLACEMENT

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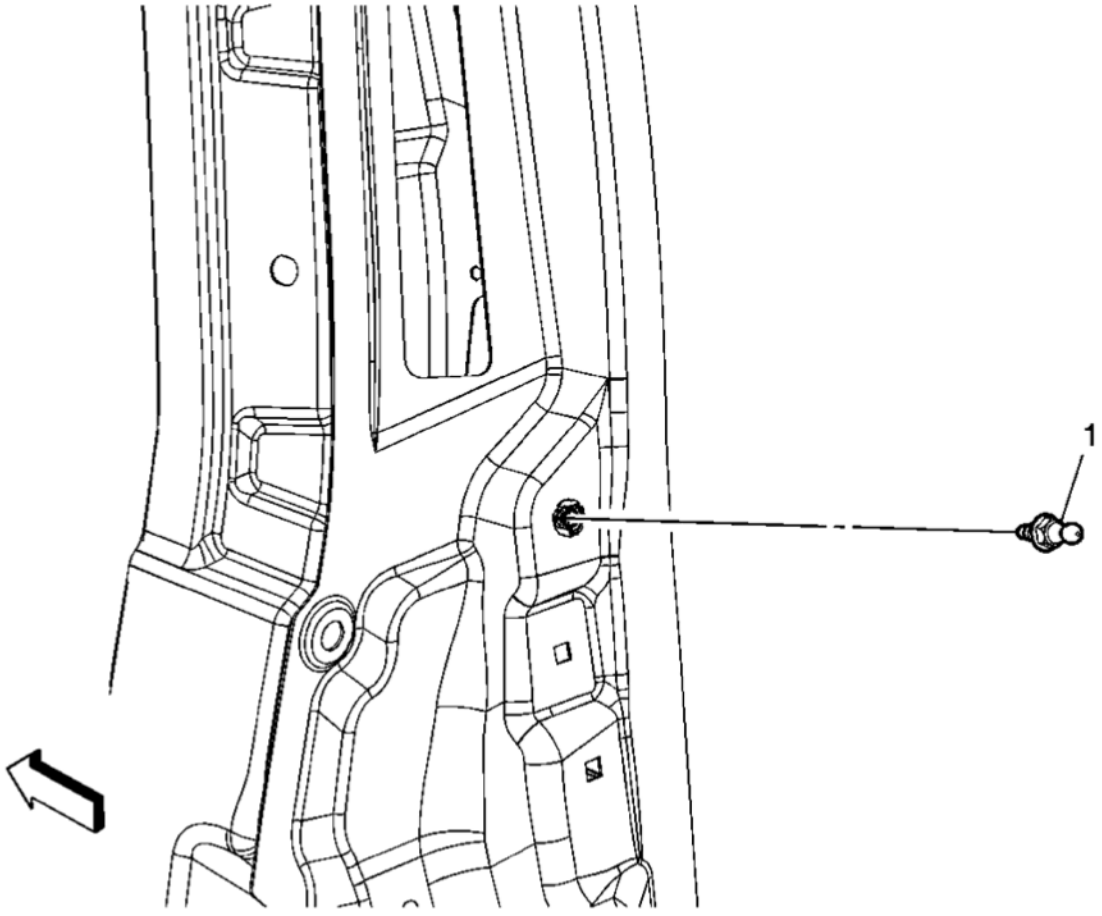


Fig. 58: View Of Liftgate Strut Ball Stud
Courtesy of GENERAL MOTORS CORP.

Liftgate Strut Ball Stud Replacement

Callout	Component Name
CAUTION: **When a lift gate hold open device is being removed or installed, provide alternate support to avoid the possibility of damage to the vehicle or personal injury.**	
1	Liftgate Strut Ball Stud **NOTE:** **Refer to Fastener Notice .** **Tighten:** 9 N.m (80 lb in) **Tip:** Disconnect the strut support rod from the ball stud before removal.

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SUPPORT REPLACEMENT - RADIATOR GRILLE REINFORCEMENT

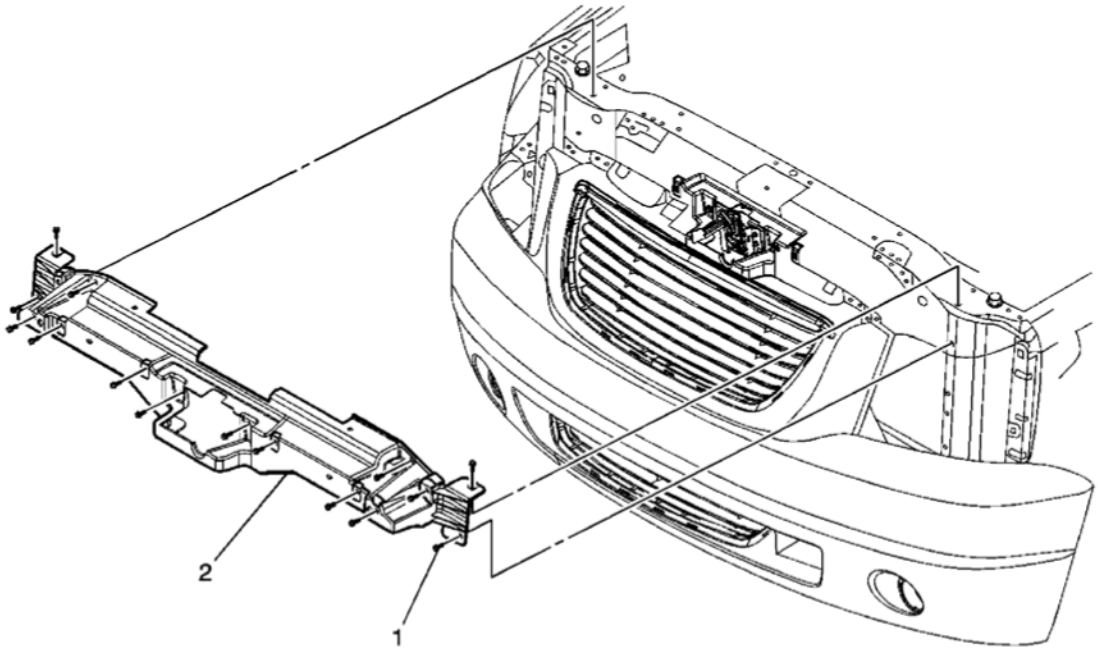


Fig. 59: View Of Radiator Grille Reinforcement Support & Screws
Courtesy of GENERAL MOTORS CORP.

Support Replacement - Radiator Grille Reinforcement

Callout	Component Name
Preliminary Procedures 1. Remove the upper radiator air baffle and deflector. Refer to **Radiator Air Upper Baffle and Deflector Replacement (Cadillac)** or **Radiator Air Upper Baffle and Deflector Replacement (Yukon)** . 2. Remove the headlamp assemblies. Refer to **Headlamp Replacement (Non HID)** or **Headlamp Replacement (Yukon)** or **Headlamp Replacement (Tahoe, Avalanche)** or **Headlamp Replacement (Cadillac Escalade)** . 3. Remove the upper fascia bolts as needed to allow room to clear the radiator grille reinforcement when removing. Refer to **Front Bumper Fascia Replacement (Yukon)** or **Front Bumper Fascia Replacement (Escalade)** or **Front Bumper Fascia Replacement (Tahoe)** or **Front Bumper Fascia Replacement (Avalanche)** or **Front Bumper Fascia Replacement (Z71)** . 4. Remove the hood latch. Refer to **Hood Latch Replacement**.	
1	Radiator Grille Reinforcement Support Screws (Qty: 15) **NOTE:** **Refer to Fastener Notice .**
2	Radiator Grille Reinforcement Support

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	Tighten: 9 N.m (80 lb in)
2	Radiator Grille Reinforcement Support

RADIATOR SUPPORT REPLACEMENT

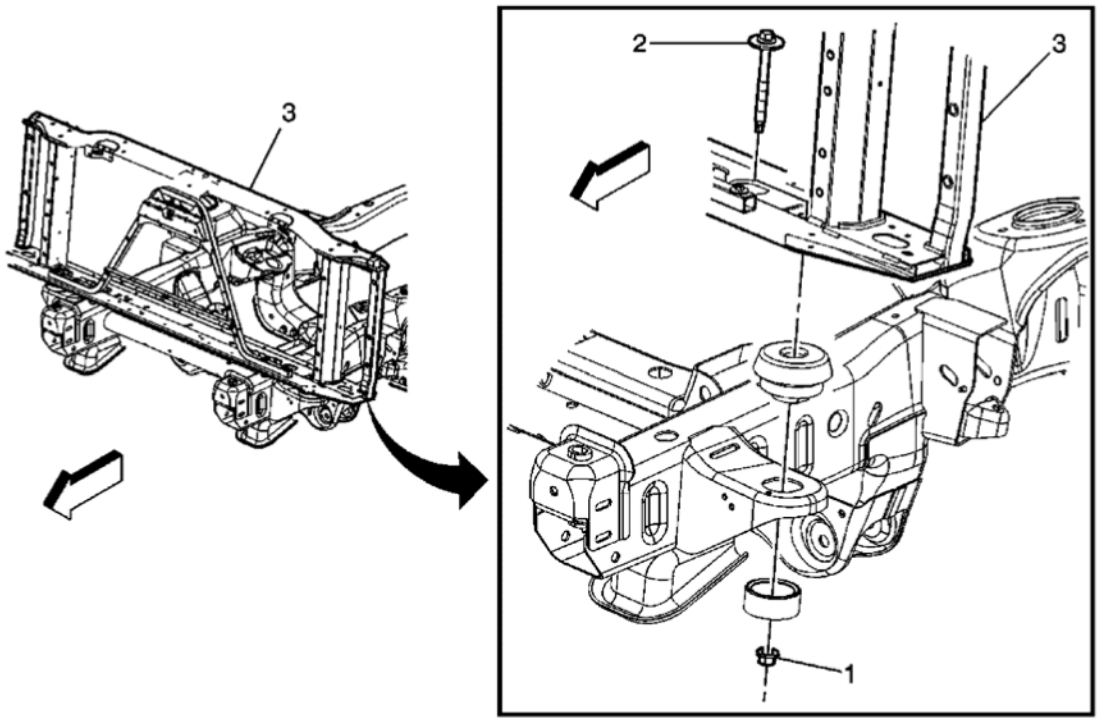


Fig. 60: View Of Radiator Support, Mount Bolts & Mount Nuts
Courtesy of GENERAL MOTORS CORP.

Radiator Support Replacement

Callout	Component Name
Preliminary Procedures	
1. Remove the front fascia. Refer to **Front Bumper Fascia Replacement (Yukon)** or **Front Bumper Fascia Replacement (Escalade)** or **Front Bumper Fascia Replacement (Tahoe)** or **Front Bumper Fascia Replacement (Avalanche)** or **Front Bumper Fascia Replacement (Z71)** . 2. Remove the grille support. Refer to **Support Replacement - Radiator Grille Reinforcement**. 3. Remove the front fascia bracket. Refer to **Fascia Support Bracket Replacement - Front Upper** . 4. Remove the hood latch. Refer to **Hood Latch Replacement**. 5. Remove the radiator. Refer to **Radiator Replacement** . 6. Remove the A/C condenser. Refer to **Condenser Replacement** . 7. Remove the fender bolts. Refer to **Front Fender Replacement - Left Side** and **Front Fender Replacement - Right Side**.	

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1	Radiator Support Mount Nuts (Qty: 2) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 70 N.m (50 lb ft)
2	Radiator Support Mount Bolts (Qty: 2) **Tighten:** 70 N.m (50 lb ft)
3	Radiator Support

WEATHERSTRIP REPLACEMENT - DRIP RAIL

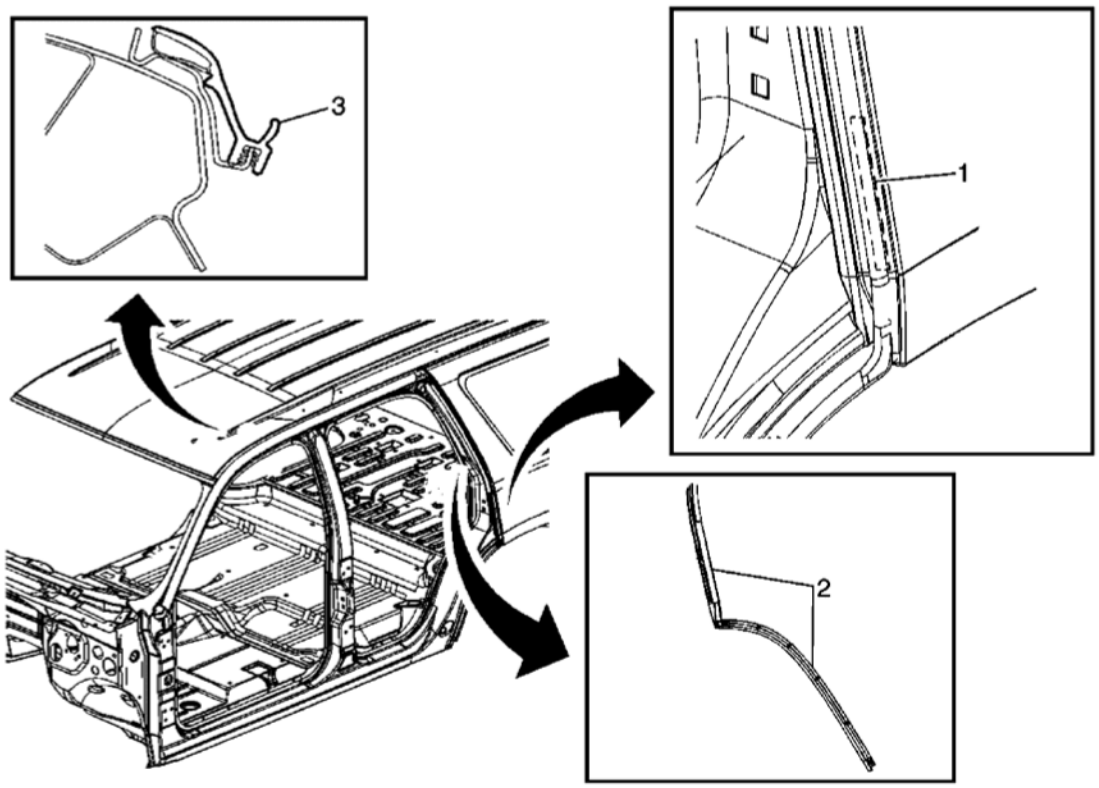


Fig. 61: View Of Weatherstrip Drip Rail Push Pin Retainers & Drip Rails
Courtesy of GENERAL MOTORS CORP.

Weatherstrip Replacement - Drip Rail

Callout	Component Name
	Weatherstrip Drip Rail Push Pin Retainers **Tip:**

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1	1. The part and surface should be 21°C (70°F) prior to installation. The vehicle should remain 21°C (70°F) for one hour after assembly to allow adhesive to develop sufficient bond strength. 2. Use a **J 25070** Heat Gun or equivalent to remove the old weatherstrip. Clean all adhesive residue from the door opening and wipe the surface dry with a clean lint-free towel prior to installing the new weatherstrip. 3. When removing protective liners from the adhesive backed weatherstrip, be careful not to touch the tape with hands. Do not allow the tape to come in contact with dirt or any foreign matter prior to adhesion. 4. Press the weatherstrip firmly to the top side of the door opening to ensure full adhesion is made to the door opening.
2	Weatherstrip Drip Rail
3	Weatherstrip Drip Rail

ENDGATE WEATHERSTRIP REPLACEMENT

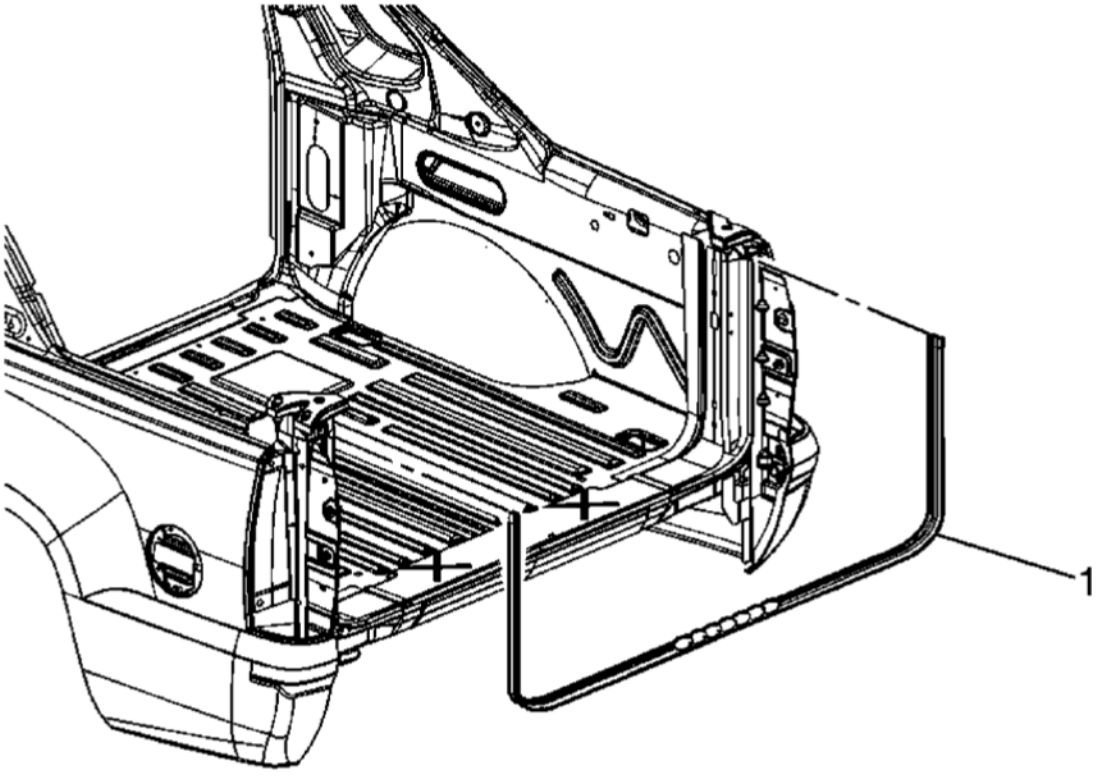


Fig. 62: View Of Endgate Weatherstrip
Courtesy of GENERAL MOTORS CORP.

Endgate Weatherstrip Replacement

Callout	Component Name

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1	Endgate Weatherstrip **Tip:** 1. Seat and align the weatherstrip carrier end left to top of flange left side. 2. Seat and align the weatherstrip carrier end right to top of flange right side. 3. Load the weatherstrip center flush with the center of the flange. 4. Stuff and set remaining weatherstrip working downward and inward toward the center.

WEATHERSTRIP REPLACEMENT - FRONT DOOR OPENING

Removal Procedure

1. Remove the front door sill plate. Refer to **Front Side Door Sill Plate Replacement** in Interior Trim.

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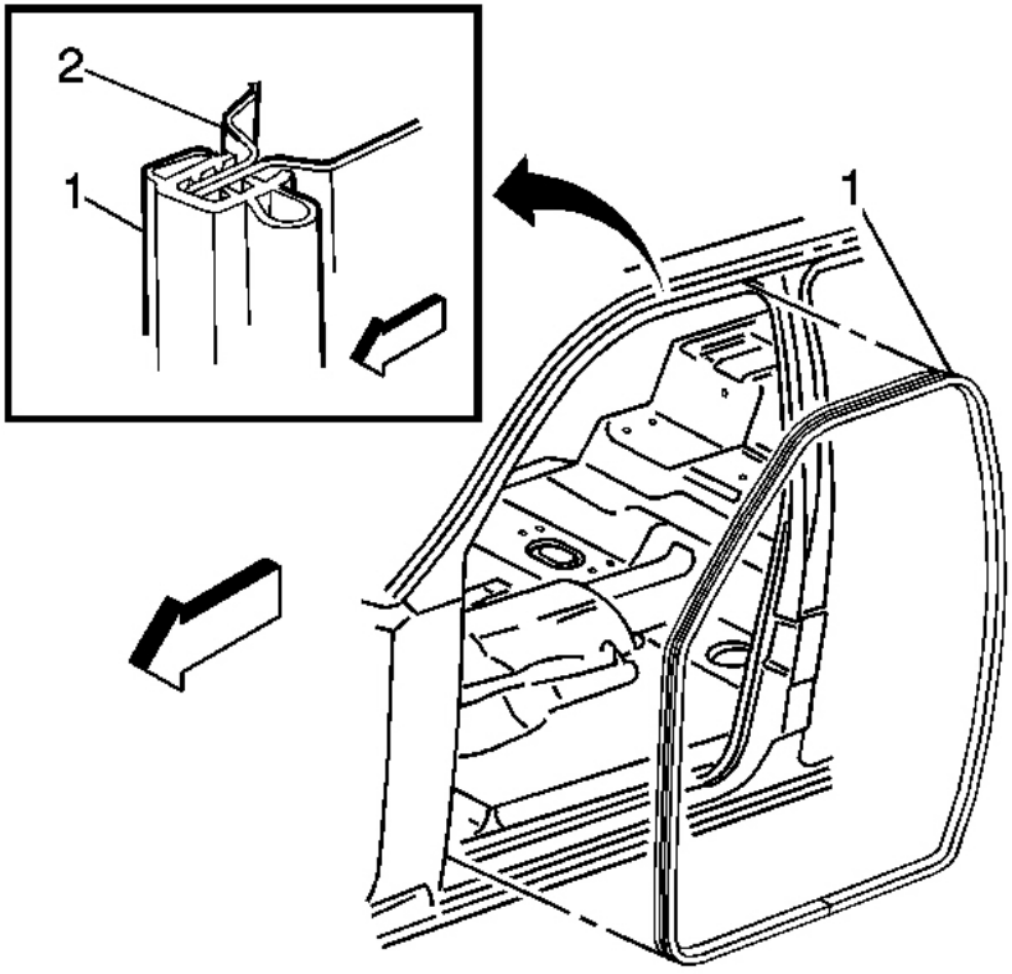


Fig. 63: Identifying Pinch-Weld Flange Weatherstrip (Front Door Opening)
Courtesy of GENERAL MOTORS CORP.

2. Remove the weatherstrip from the pinch-weld flange.

Installation Procedure

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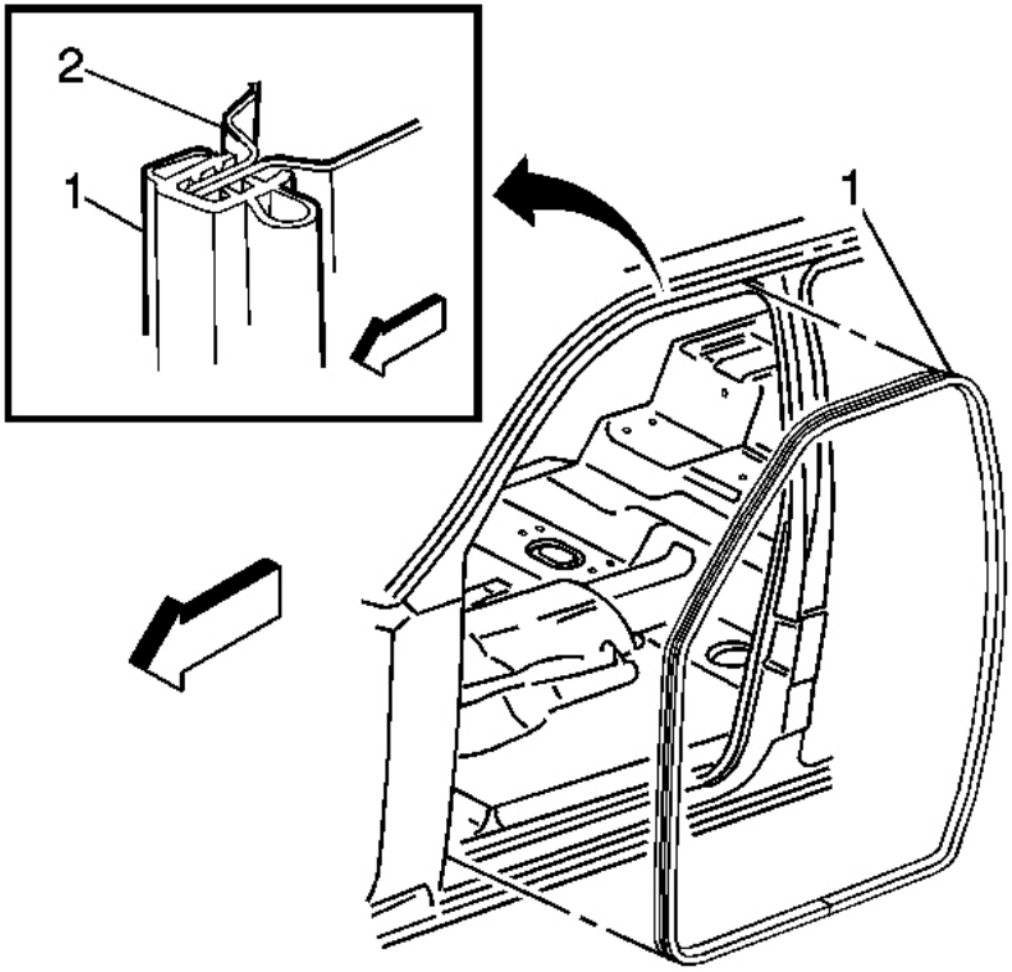


Fig. 64: Identifying Pinch-Weld Flange Weatherstrip (Front Door Opening)
Courtesy of GENERAL MOTORS CORP.

1. Align the weatherstrip to the door opening with the 2 dots positioned on the upper right and left side.
2. Align the weatherstrip to the door opening with the bond joint positioned at the lower center of the door opening.
3. Install the weatherstrip to the pinch-weld flange. Ensure that the weatherstrip is fully seated.
4. Install the front door sill plate. Refer to **Front Side Door Sill Plate Replacement** in Interior Trim.

LIFT GATE WEATHERSTRIP REPLACEMENT

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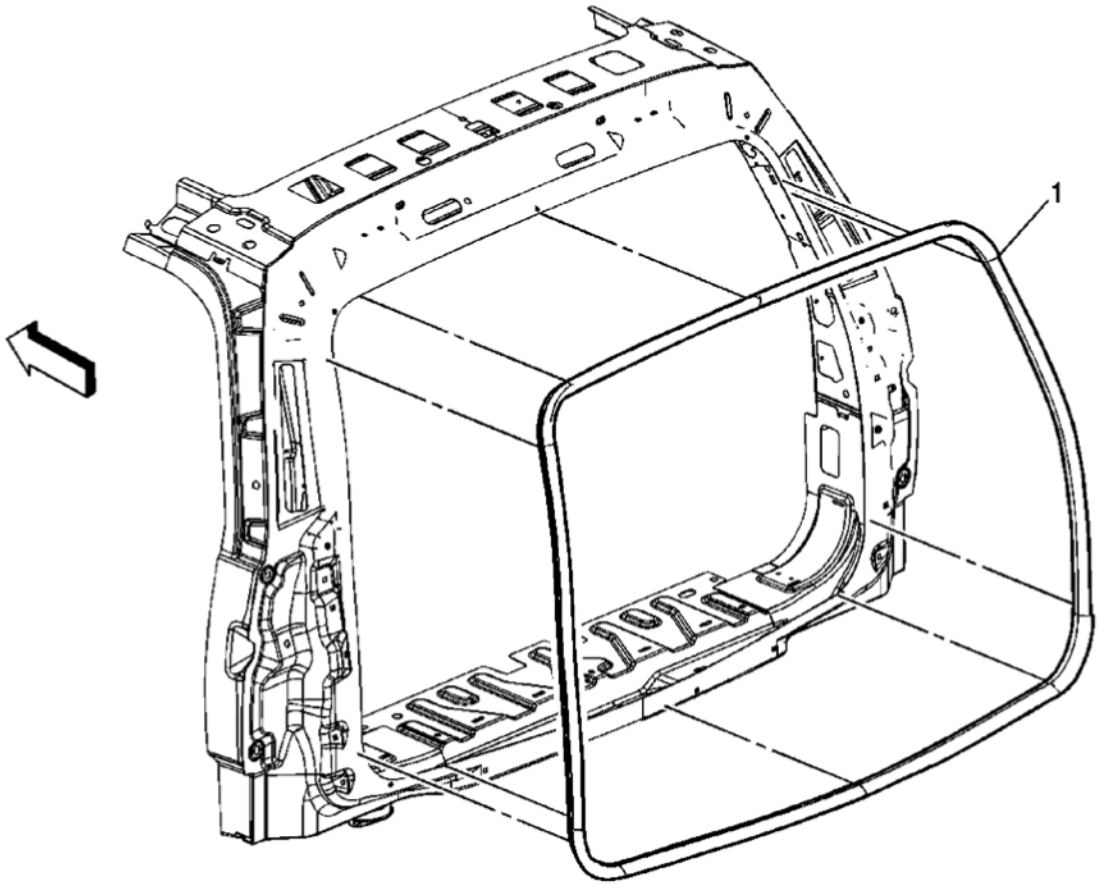


Fig. 65: View Of Lift Gate Weatherstrip
Courtesy of GENERAL MOTORS CORP.

Lift Gate Weatherstrip Replacement

Callout	Component Name
Preliminary Procedure: Remove the liftgate sill plate. Refer to **Door Sill Plate Replacement - Liftgate** .	
1	Liftgate Weatherstrip **Tip:** Locate the paint dot on the upper portion of the weatherstrip directly below the electrical pass through. Roll the weatherstrip from the center to the upper corners. Roll the weather strip from the upper corners to the lower corners. Roll the weatherstrip from the lower corners to the center.

WEATHERSTRIP REPLACEMENT - MIDGATE - LOWER

Removal Procedure

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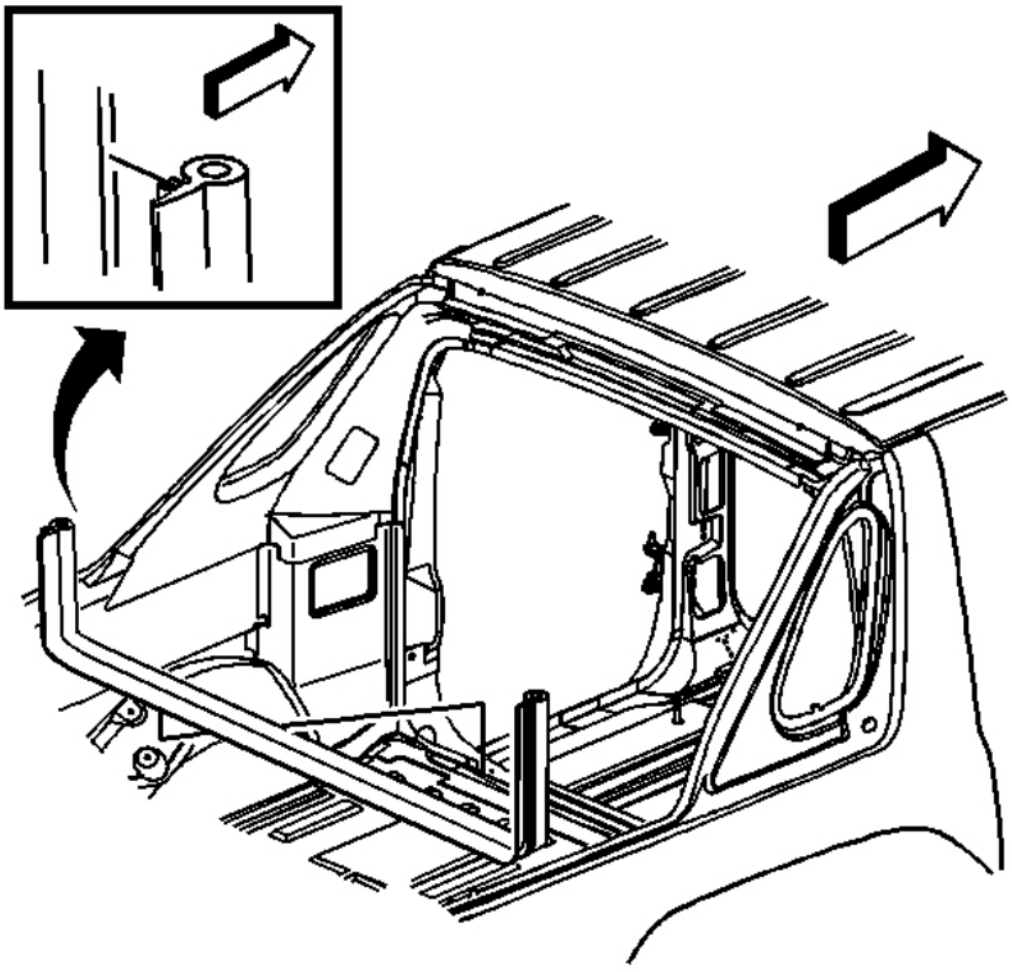


Fig. 66: Midgate Lower Weatherstrip
Courtesy of GENERAL MOTORS CORP.

1. Fold down the rear seat.
2. Remove the rear removable glass panel.
3. Remove the midgate. Refer to **Midgate Replacement**.
4. Remove the floor hinge molding.
5. Starting from one end remove the weatherstrip from the vehicle.

Installation Procedure

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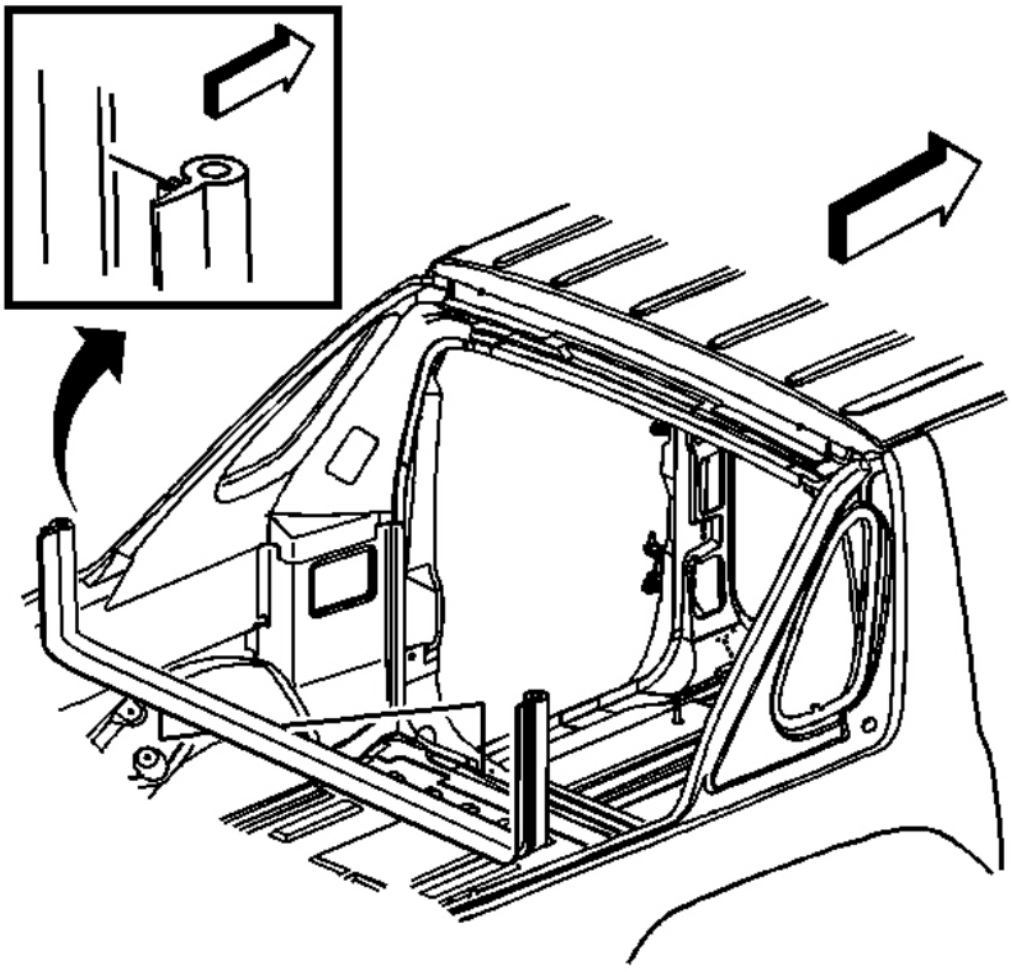


Fig. 67: Midgate Lower Weatherstrip
Courtesy of GENERAL MOTORS CORP.

IMPORTANT: To begin the installation of the weatherstrip, ensure the weatherstrip is at a minimum of 21°C (70°F).

1. Starting from one end of the weatherstrip, install the weatherstrip.
2. Ensure the corners of the weatherstrip are fully seated.
3. Install the floor hinge molding.
4. Install the midgate. Refer to **Midgate Replacement**.
5. Close the midgate.

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6. Install the rear removable rear glass panel.
7. Inspect the weatherstrip when the midgate is closed and the glass panel installed.
8. Set the rear seat in the upright position.

WEATHERSTRIP REPLACEMENT - MIDGATE - UPPER

Removal Procedure

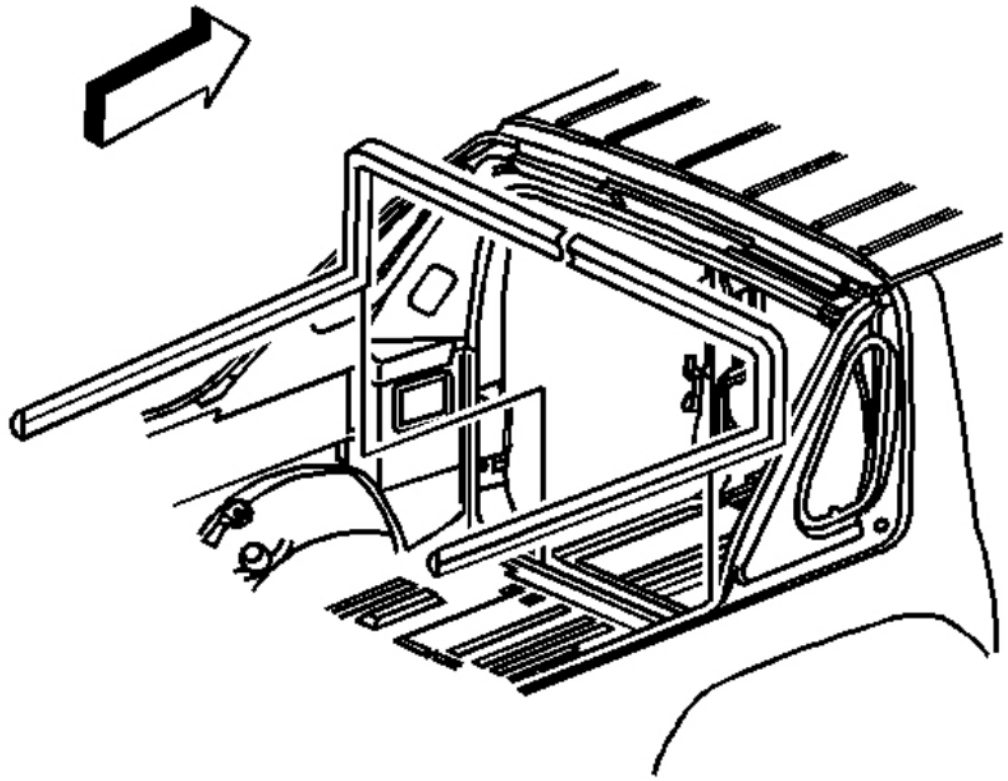


Fig. 68: Midgate Upper Weatherstrip
Courtesy of GENERAL MOTORS CORP.

1. Fold down the rear seat.
2. Remove the rear removable glass panel.
3. Remove the midgate. Refer to **Midgate Replacement**.
4. Remove the cargo stowage box. Refer to **Box Replacement - Cargo Stowage**.
5. Starting from one end remove the weatherstrip from the vehicle.

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Installation Procedure

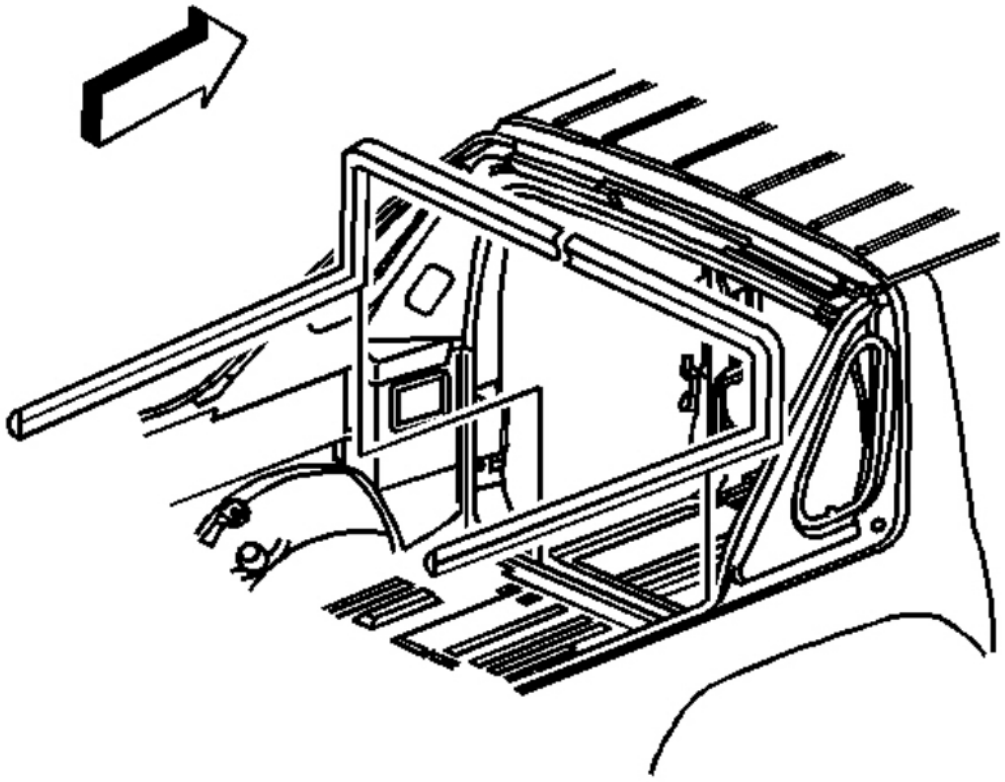


Fig. 69: Midgate Upper Weatherstrip
Courtesy of GENERAL MOTORS CORP.

IMPORTANT: To begin the installation of the weatherstrip, ensure the weatherstrip is at a minimum of 21°C (70°F).

1. Starting from one end of the weatherstrip, install the weatherstrip.
2. Ensure the corners of the weatherstrip are fully seated.
3. Install the cargo stowage box. Refer to **Box Replacement - Cargo Stowage**.
4. Install the midgate. Refer to **Midgate Replacement**.
5. Close the midgate.
6. Install the rear removable rear glass panel.
7. Inspect the weatherstrip when the midgate is closed and the glass panel installed.
8. Set the rear seat in the upright position.

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WEATHERSTRIP REPLACEMENT - REAR DOOR OPENING

Removal Procedure

1. Remove the rear door sill plate. Refer to **Rear Side Door Sill Plate Replacement (Extended Wheelbase)** or **Rear Side Door Sill Plate Replacement (Standard Wheelbase)** in Interior Trim.

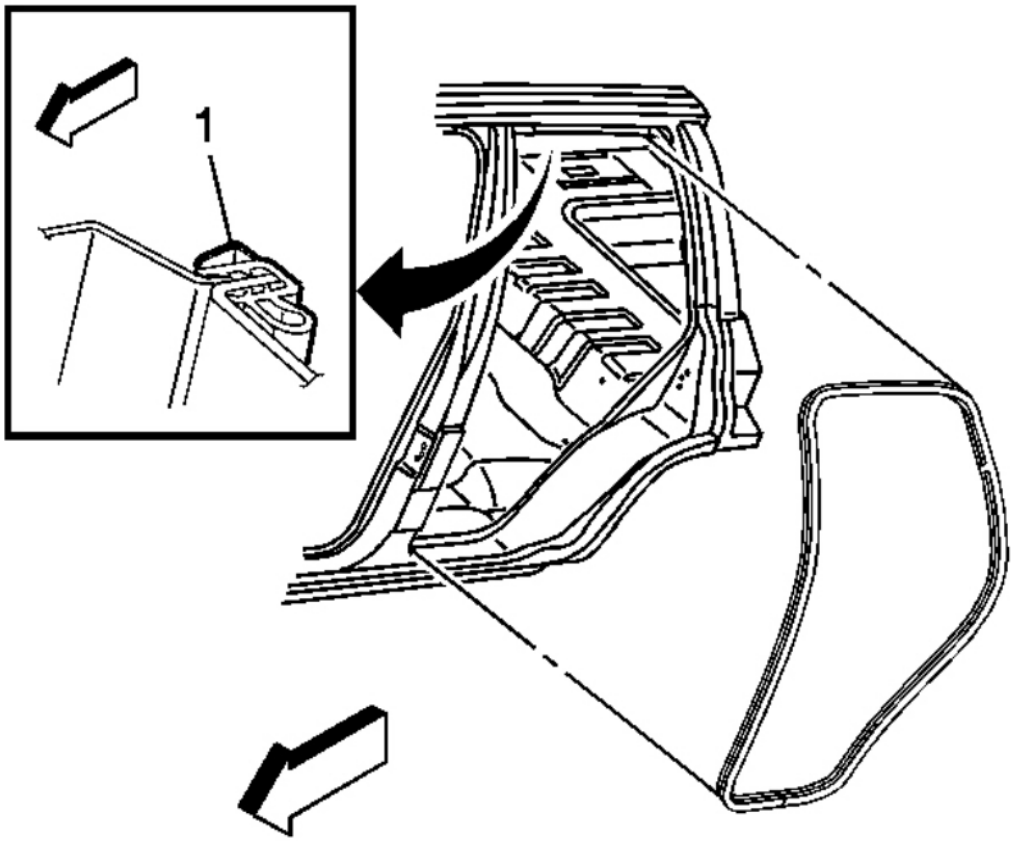


Fig. 70: View Of Pinch-Weld Flange Weatherstrip (Rear Door Opening)
Courtesy of GENERAL MOTORS CORP.

2. Remove the weatherstrip from the pinch-weld flange.

Installation Procedure

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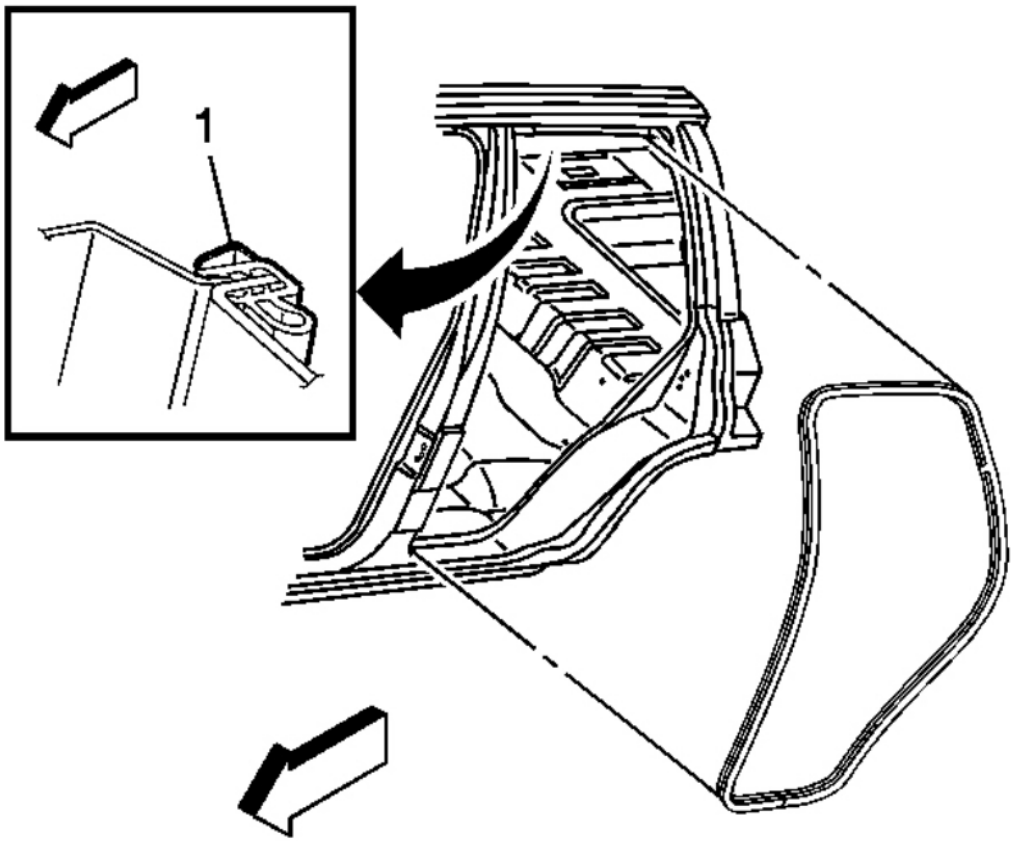


Fig. 71: View Of Pinch-Weld Flange Weatherstrip (Rear Door Opening)
Courtesy of GENERAL MOTORS CORP.

1. Align the weatherstrip to the door opening with the 2 dots positioned on the upper right and left side.
2. Align the weatherstrip to the door opening with the bond joint positioned at the lower center of the door opening.
3. Install the weatherstrip to the pinch-weld flange. Ensure that the weatherstrip is fully seated.
4. Install the rear door sill plate. Refer to **Rear Side Door Sill Plate Replacement (Extended Wheelbase)** or **Rear Side Door Sill Plate Replacement (Standard Wheelbase)** in Interior Trim.

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