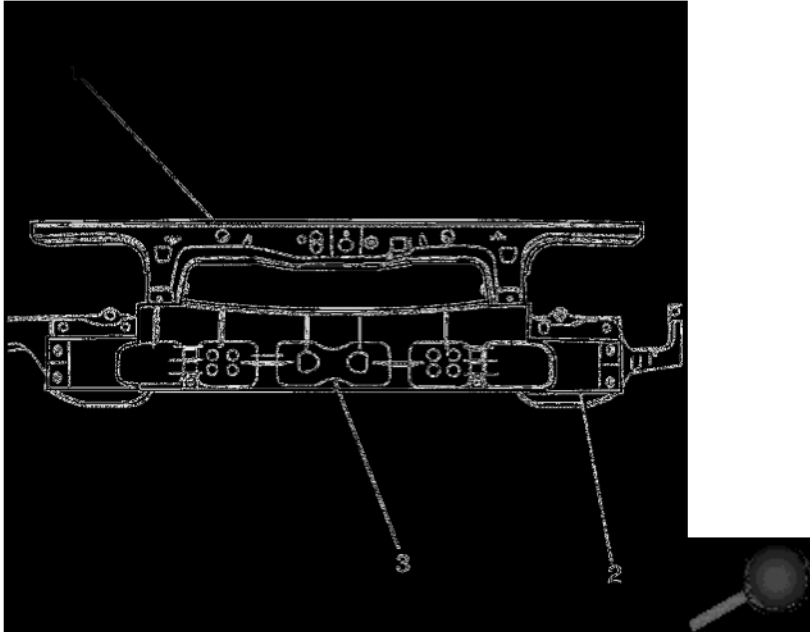


Energy Absorber Damage



Important: Take note of the following statements:

- Do not try to repair a damaged energy absorber.
- Replace the energy absorber if damaged.
- Do not apply heat to the energy absorber.
- Do not weld the energy absorber.

Important: Inspect the following components for signs of visible distortion:

- Inspect the bumper impact bar (2).
- Inspect the front end module (1).
- Inspect the energy absorber (3).

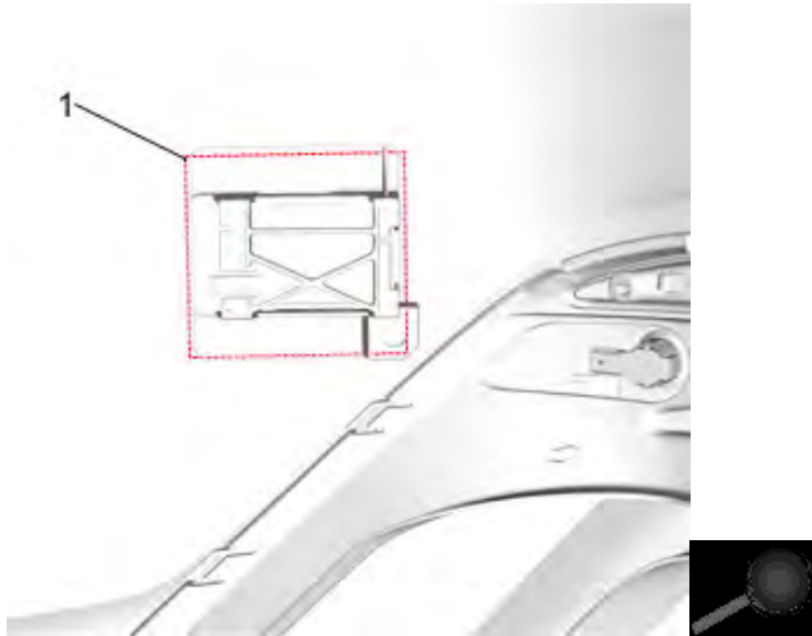
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- Replace the energy absorber if damage is evident. Replace the energy absorber if a collision is so severe that the bumper impact bar does not return to its original position.

Inspection After Collision

Repair of Bumper Fascia Damage within the Side Object Sensing Alert Module Field Of View*

*The Field Of View (1) is defined as the field within the scribe lines embossed on the Bumper Fascia B surface which extends through to the Bumper Fascia A surface. These scribe lines surround the side object sensing alert module bracket as highlighted (red) below.



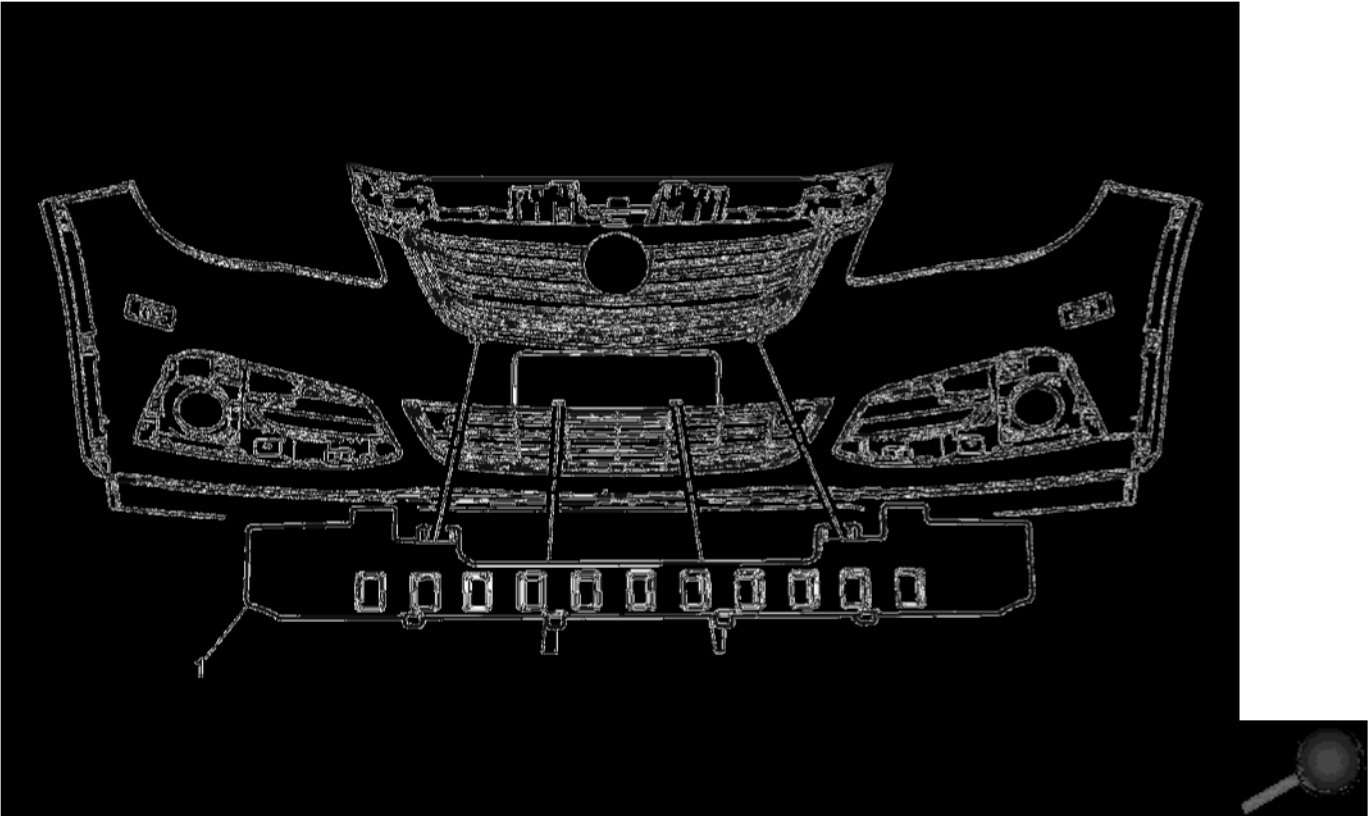
Important: Take note of the following statements:

Replace the bumper fascia should any of the below criteria applicable to all repairs within the **field of view** apply.

- Do not repair damage that totally envelops the field of view.
- Do not repair damage that has penetrated through the B class surface of the fascia.
- Do not repair cracks that are not a straight line.
- Do not repair a damaged side object sensing alert module bracket.

- Do not exceed three layers of paint and one layer of clear coat.

Front Bumper Fascia Energy Absorber Replacement (Short Wheelbase)



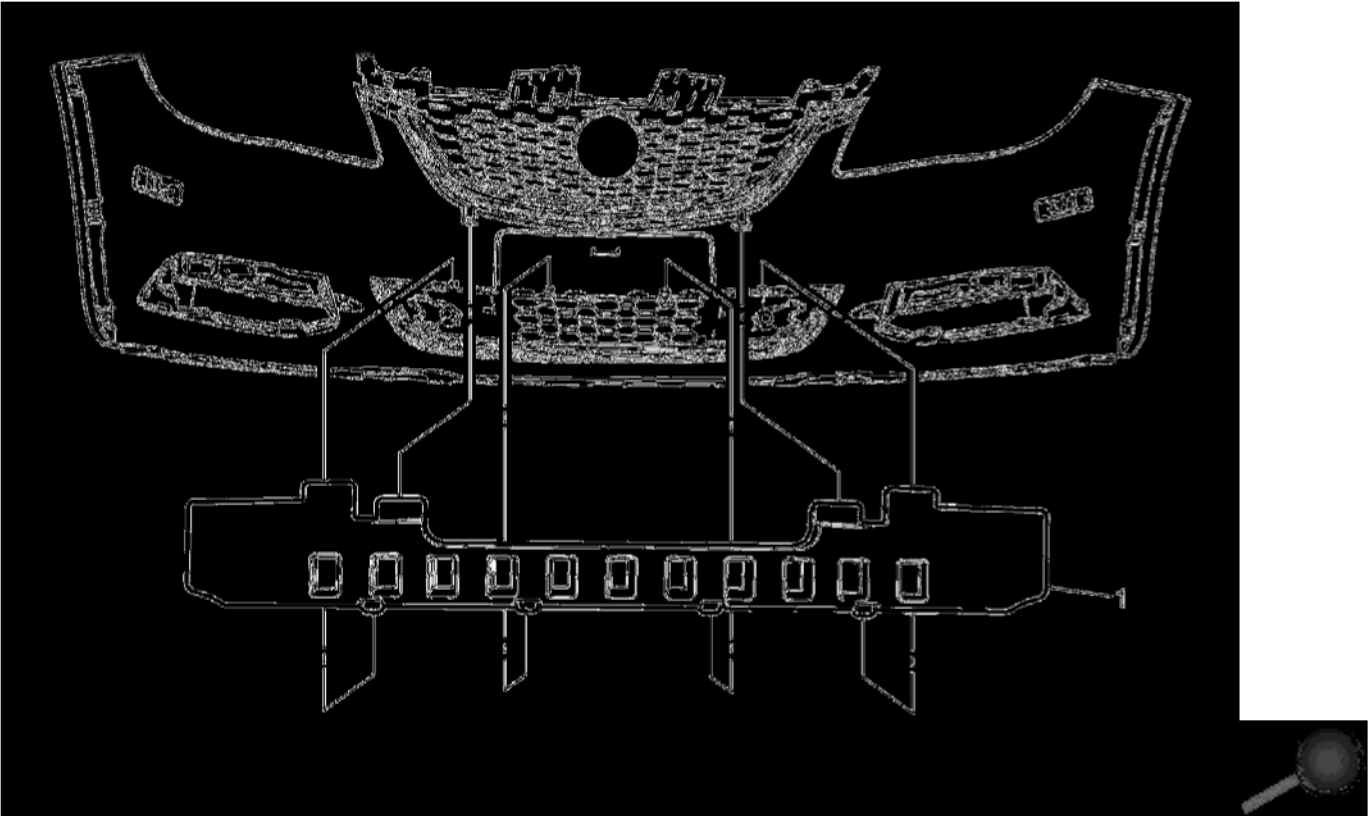
Front Bumper Fascia Energy Absorber Replacement

Callout	Component Name
Preliminary Procedure Remove the front bumper fascia. Refer to Front Bumper Fascia Replacement .	
	Front Bumper Energy Upper Absorber Procedure

1

1. Release the four retaining tabs.
2. Reposition the electrical harness from the absorber if needed.

Front Bumper Fascia Energy Absorber Replacement (Ute)



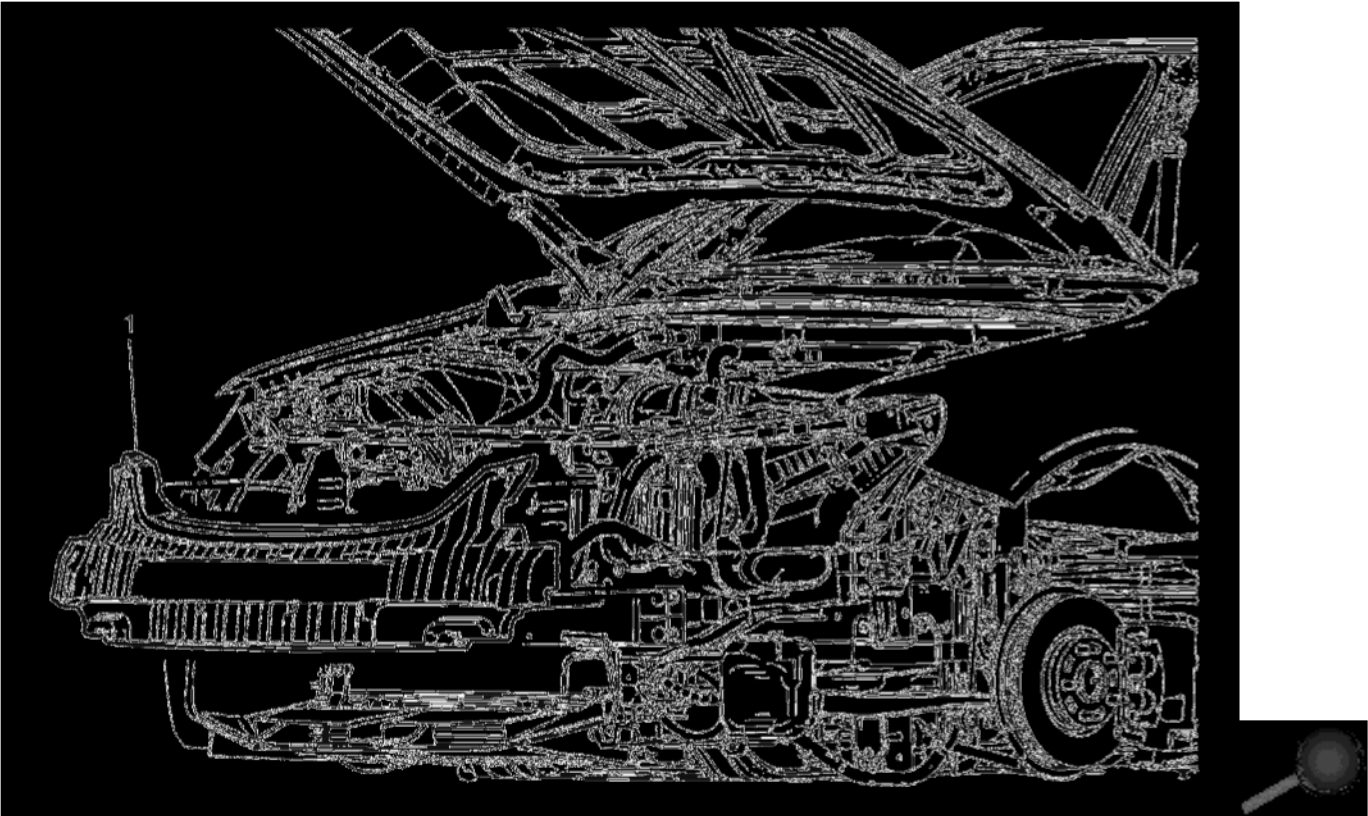
Front Bumper Fascia Energy Absorber Replacement

Callout	Component Name
Preliminary Procedure Remove the front bumper fascia. Refer to Front Bumper Fascia Replacement .	
	Front Bumper Energy Upper Absorber
	Procedure

1

1. Release the six retaining tabs.
2. Reposition the electrical harness from the absorber if needed.

Front Bumper Fascia Energy Absorber Replacement (HSV)



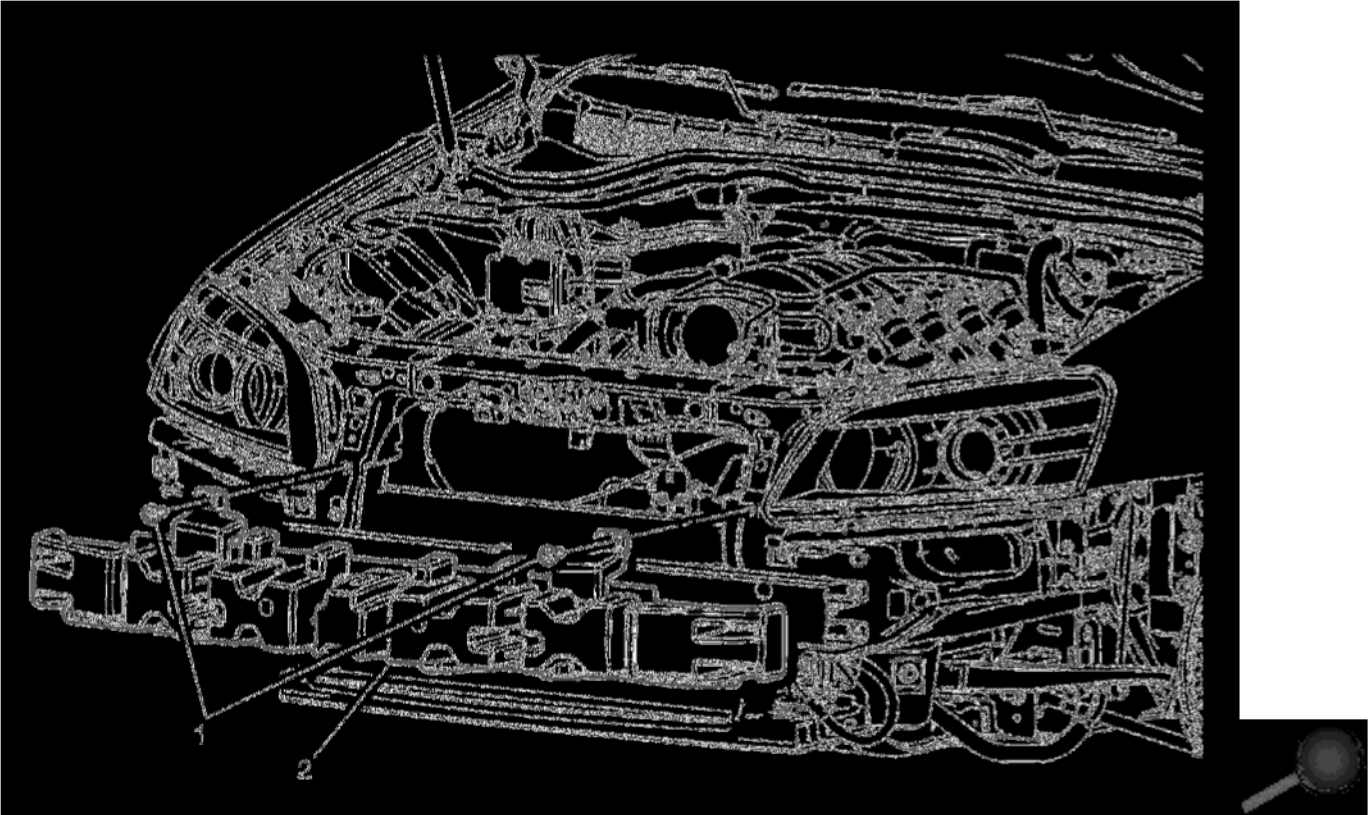
Front Bumper Fascia Energy Absorber Replacement

Callout	Component Name
Preliminary Procedure Remove the front bumper fascia. Refer to Front Bumper Fascia Replacement .	
	Front Bumper Energy Upper Absorber Procedure

1

1. The front bumper energy absorber is a interference fit. It has two pins that fit into the front bumper bar.
Carefully move the front bumper energy absorber up and down right to left while pulling straight backwards.
2. Reposition the electrical harness from the absorber if needed.

Front Bumper Energy Absorber Replacement (Long Wheelbase)

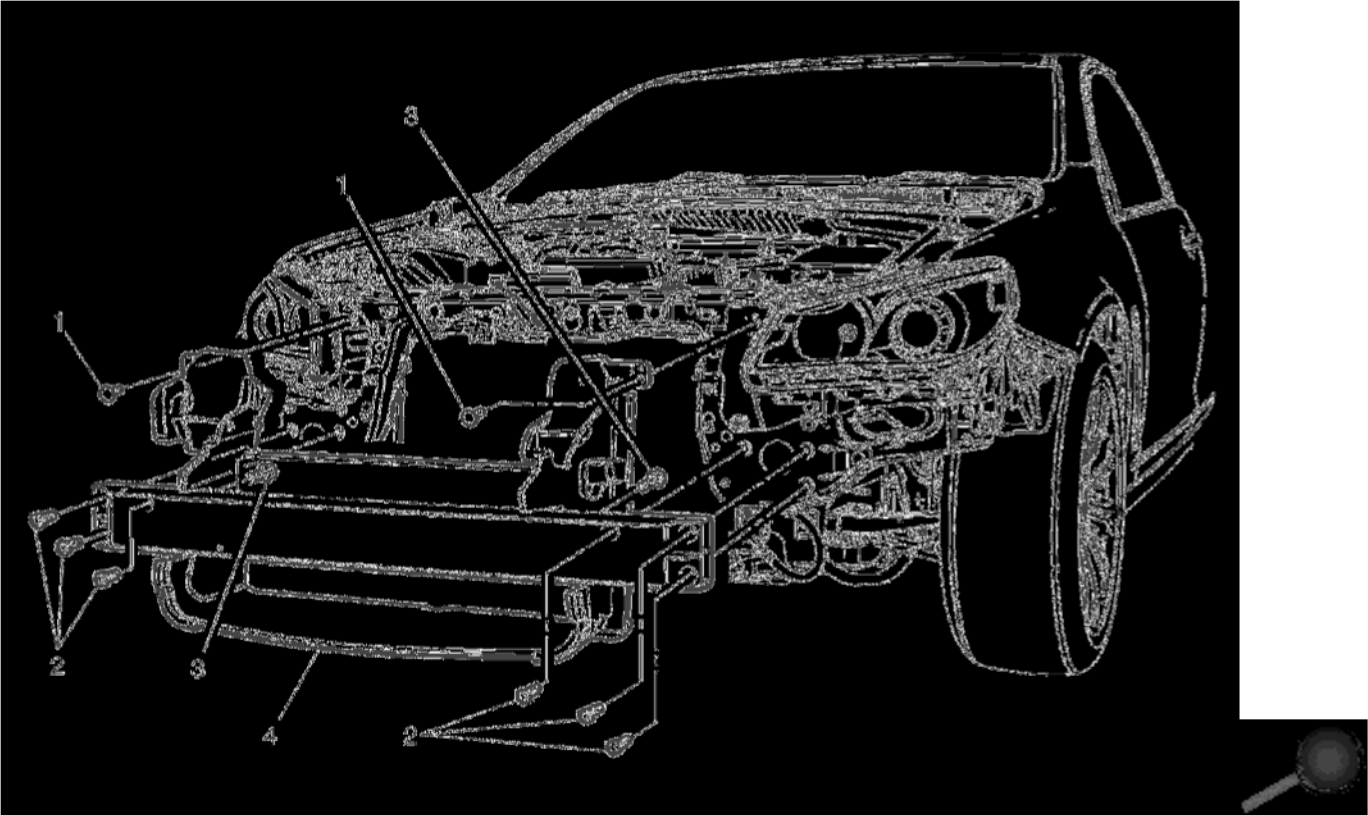


Front Bumper Energy Absorber Replacement

Callout	Component Name
Preliminary Procedure Remove the front bumper fascia. Refer to Front Bumper Fascia Replacement .	
1	Front Bumper Energy Absorber Bolt (Qty 2) Tighten

	2.5 N•m (22 lb in)
2	Front Bumper Energy Absorber Procedure 1. Reposition the electrical harness from the absorber if needed.

Front Bumper Impact Bar Replacement (Short Wheelbase)

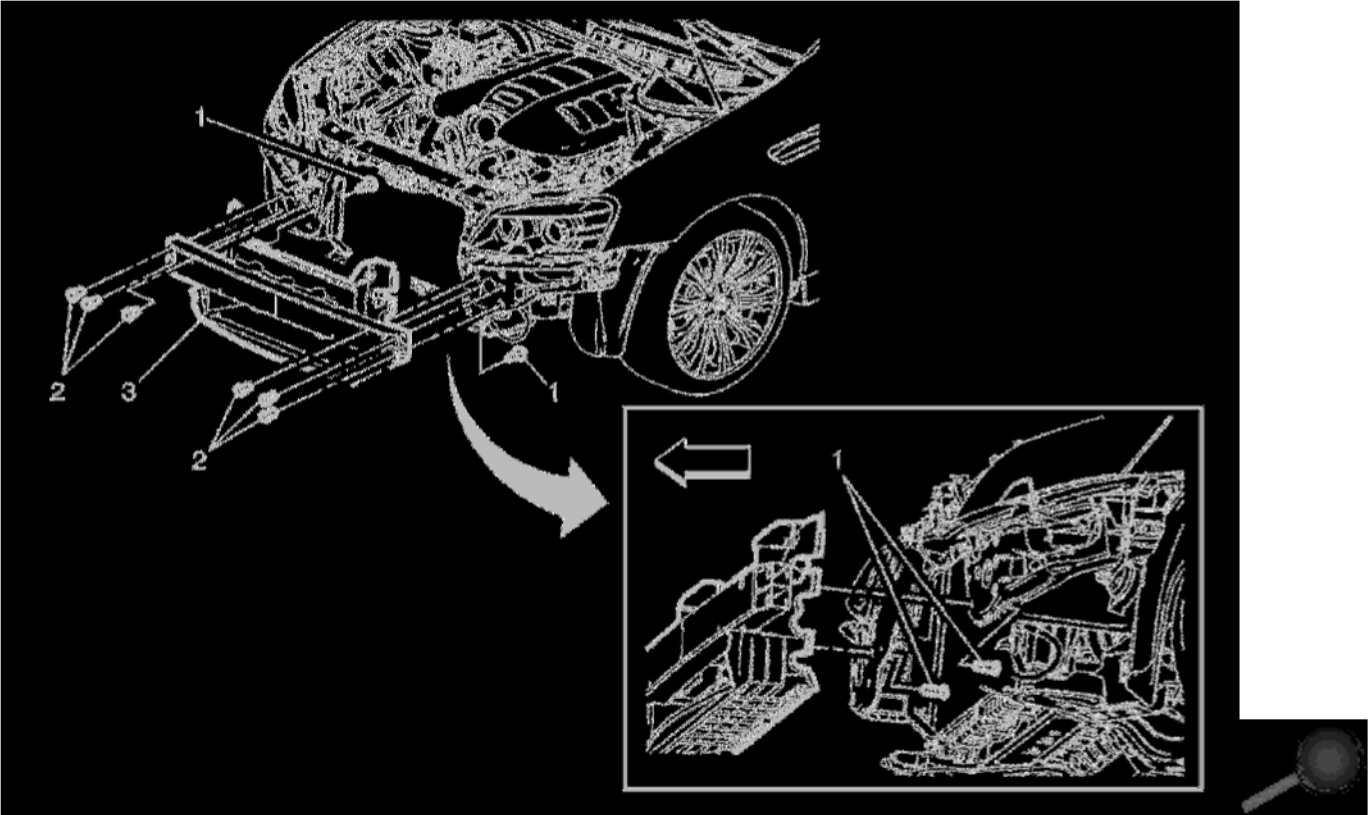


Front Bumper Impact Bar Replacement

Callout	Component Name
Preliminary Procedures	
1. Remove the front bumper fascia. Refer to Front Bumper Fascia Replacement . 2. Remove the radiator air upper baffle and deflector. Refer to Radiator Air Upper Baffle and Deflector Replacement . 3. Remove the windshield washer filler tube. Refer to Windshield Washer Solvent Container Filler Tube Replacement .	

1	Radiator Baffle Retainer (Qty: 2)
2	Front Bumper Impact Bar Bolt (Qty: 6) Caution: Refer to Fastener Caution. Tighten 22 N•m (16 lb ft)
3	Front Bumper Impact Bar Bolt (Qty: 2) Note: These two impact bar retaining bolts are accessed from underneath the vehicle and from the engine side. Tighten 22 N•m (16 lb ft)
4	Front Bumper Impact Bar 1. Disconnect the windshield washer pump hose. Refer to Windshield Washer Pump Hose Replacement. 2. Disconnect the electrical connector to the windshield washer pump. 3. Remove the windshield washer solvent container. Refer to Windshield Washer Solvent Container Replacement. 4. Transfer parts as needed.

Front Bumper Impact Bar Replacement (Long Wheelbase)



Front Bumper Impact Bar Replacement

Callout	Component Name
Preliminary Procedures	
1. Remove the front bumper fascia. Refer to Front Bumper Fascia Replacement . 2. Remove the radiator air upper baffle and deflector. Refer to Radiator Air Upper Baffle and Deflector Replacement . 3. Remove the windshield washer filler tube. Refer to Windshield Washer Solvent Container Filler Tube Replacement .	

1	Front Bumper Upper Impact Bar Bolt (Qty: 2) Caution: Refer to Fastener Caution. Tighten 9 N•m (7 lb ft)
2	Front Bumper Impact Bar Bolt (Qty: 6) Tighten 22 N•m (16 lb ft)
3	Front Bumper Impact Bar Procedure 1. Disconnect the windshield washer pump hose. Refer to Windshield Washer Pump Hose Replacement. 2. Disconnect the electrical connector to the windshield washer pump. 3. Remove the windshield washer solvent container. Refer to Windshield Washer Solvent Container Replacement. 4. Transfer parts as needed.

This technical drawing illustrates the chassis of a vehicle, showing the engine, transmission, and rear axle assembly. The drawing is a detailed line drawing with various components labeled with numbers. The engine is located at the front, and the transmission is positioned behind it. The rear axle assembly is shown on the right side of the drawing. The drawing includes several callouts: '1' points to the engine and transmission area, and '2' points to the rear axle assembly. The drawing is a detailed line drawing with various components labeled with numbers. The engine is located at the front, and the transmission is positioned behind it. The rear axle assembly is shown on the right side of the drawing. The drawing includes several callouts: '1' points to the engine and transmission area, and '2' points to the rear axle assembly.

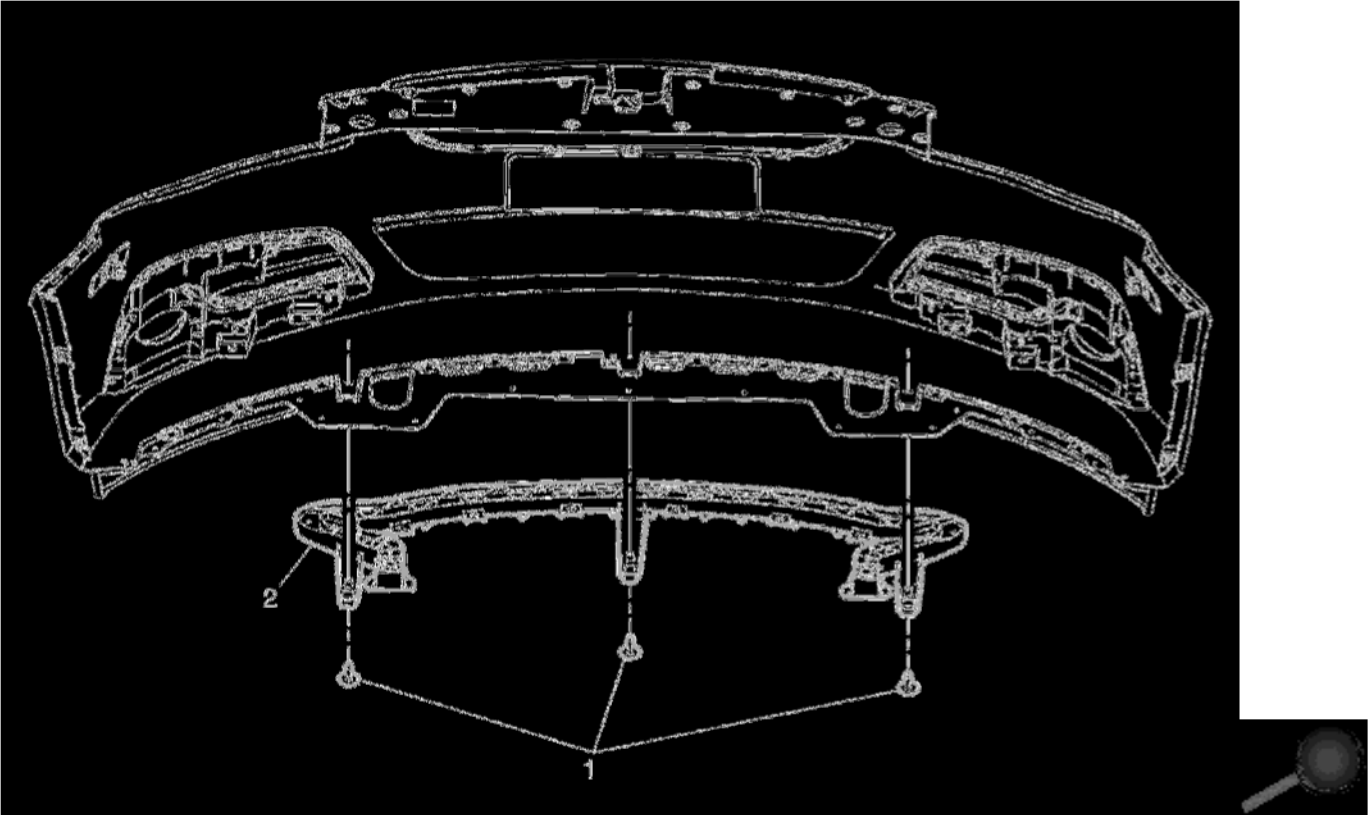
Callout	Component Name
Preliminary Procedures	
1. Remove the front bumper fascia. Refer to Front Bumper Fascia Replacement . 2. Remove the radiator air inlet duct. Refer to Radiator Air Inlet Duct Replacement .	

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Radiator Air Inlet Duct Replacement Lower LSA.

1	Charge Air Cooler Bracket Bolt (Qty: 4) Caution: Refer to Fastener Caution . Tighten 9 N•m (80 lb in)
3	Front Bumper Impact Bar Bolt (Qty: 6) Tighten 22 N•m (16 lb ft)
3	Front Bumper Impact Bar

Front Bumper Lower Impact Bar Replacement (Short Wheelbase)

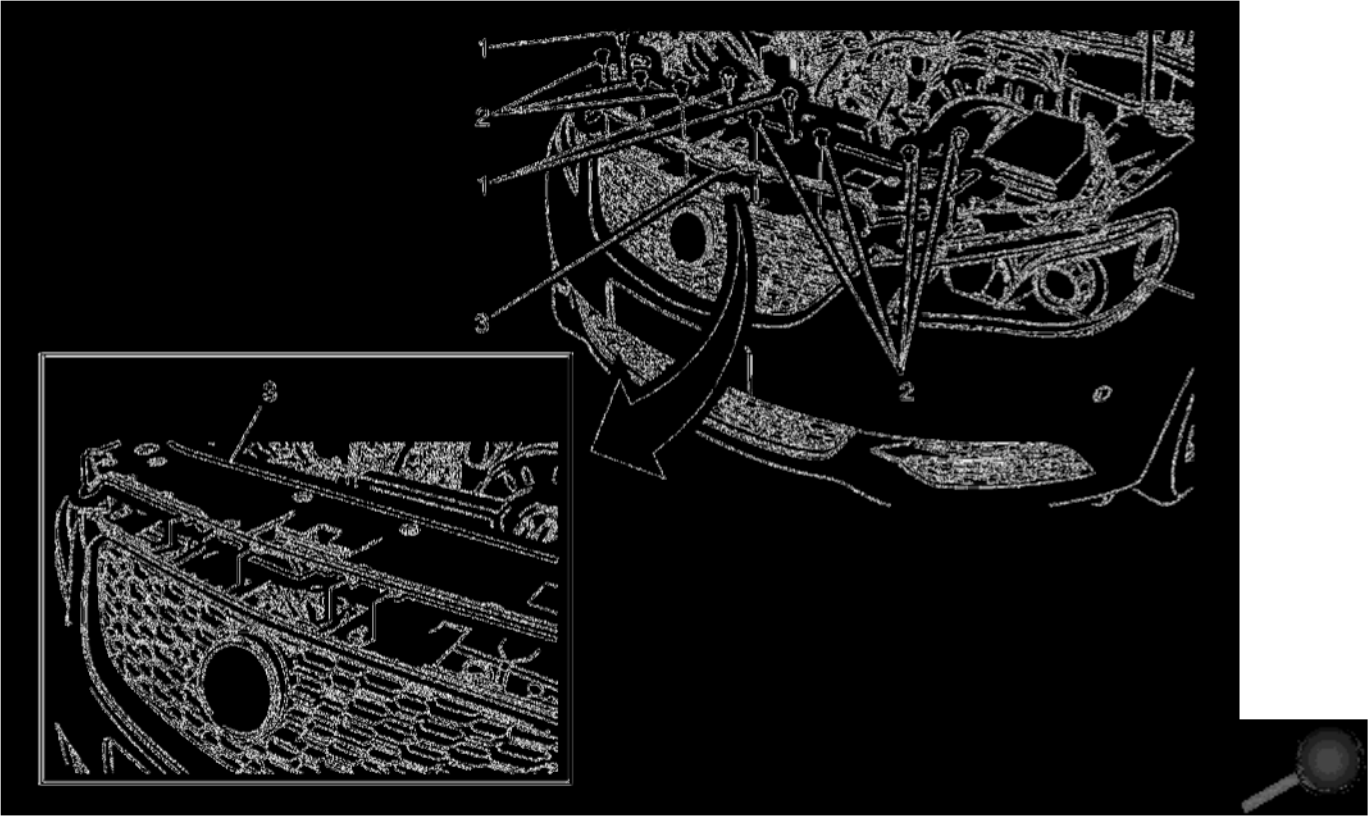


Front Bumper Lower Impact Bar Replacement

Callout	Component Name
Preliminary Procedure Remove the front bumper fascia. Refer to Front Bumper Fascia Replacement .	
	© 2014 General Motors. All rights reserved. Front Bumper Lower Impact Bar Bolt (Qty: 3) Caution: Refer to Fastener Caution .

1	Tighten 2.5 N•m (22 lb in)
2	Front Bumper Lower Impact Bar Procedure Release the three locking tabs. Reposition the electrical connectors and hoses from the lower impact bar.

Front Opening Upper Cover Replacement (HSV)



Front Opening Upper Cover Replacement

Callout	Component Name
1	Radiator Opening Upper Cover Bolt (Qty: 4) Caution: Refer to Fastener Caution .
2	Radiator Opening Upper Cover Screw (Qty: 6)

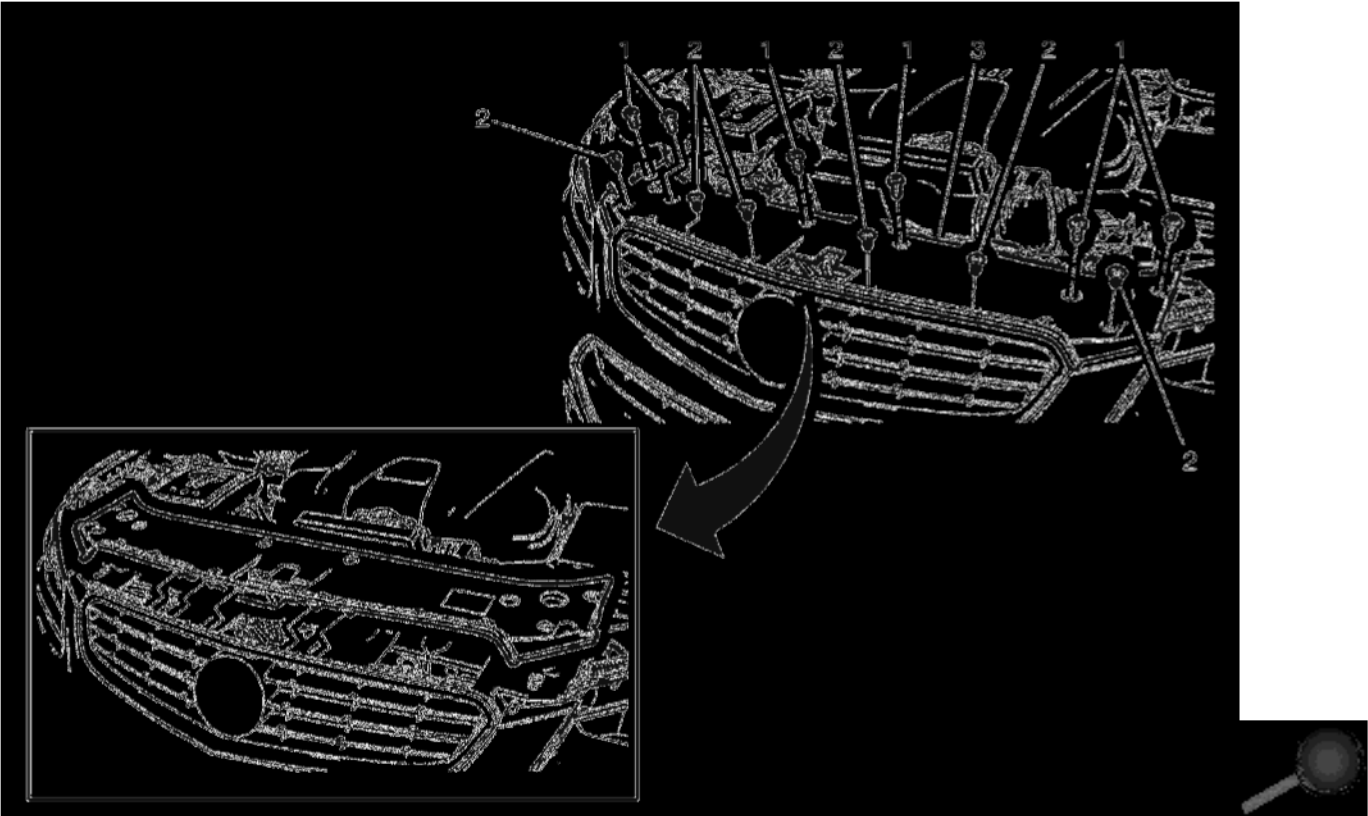
3

Radiator Opening Upper Cover

Procedure

Release the tabs to the upper radiator grille.

Front Opening Upper Cover Replacement (Short Wheelbase)



Front Opening Upper Cover Replacement

Callout	Component Name
1	Radiator Opening Upper Cover Bolt (Qty: 6) Caution: Refer to Fastener Caution .
2	Radiator Opening Upper Cover Screw (Qty: 6)

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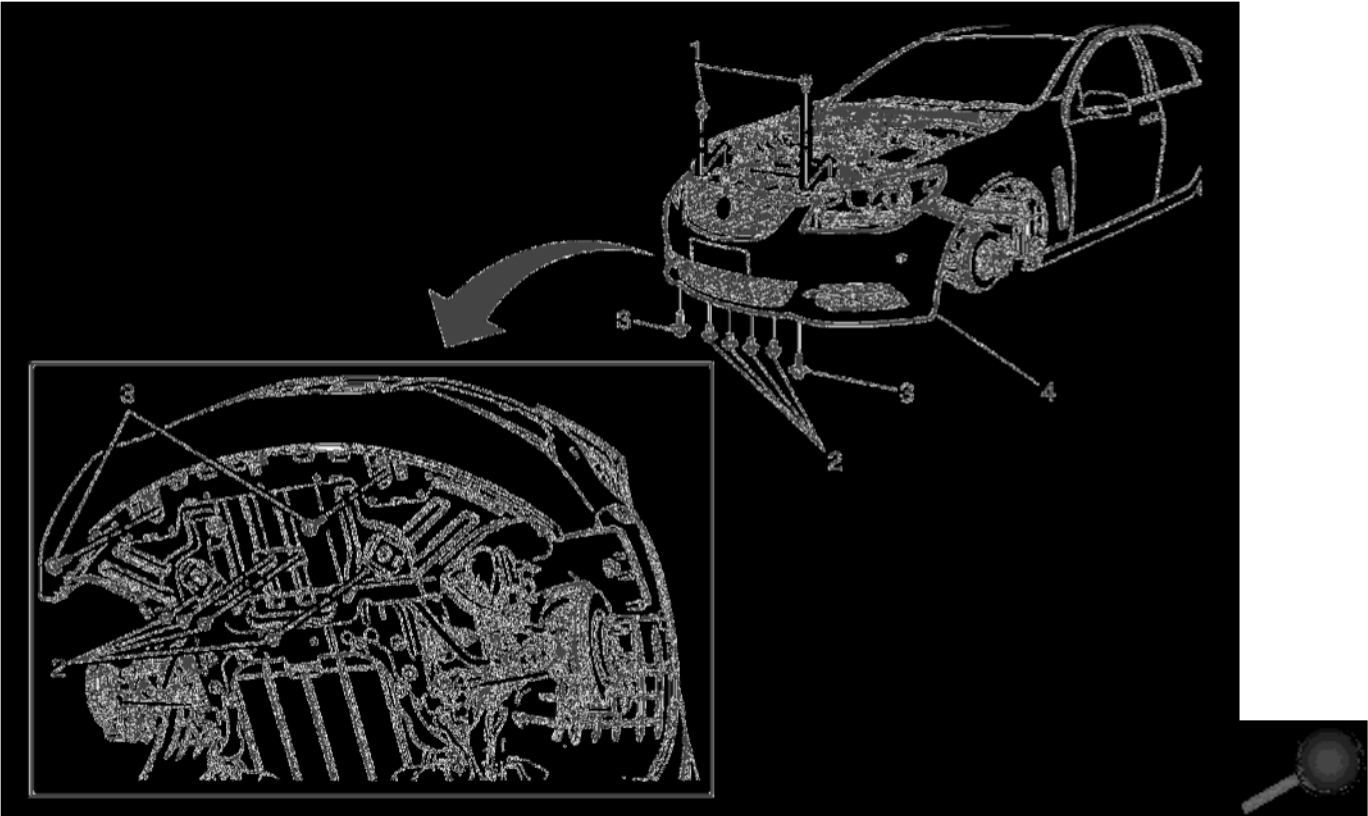
3

Radiator Opening Upper Cover

Procedure

Release the tabs to the upper radiator grille.

Front Bumper Fascia Replacement (Short Wheelbase Evoke)

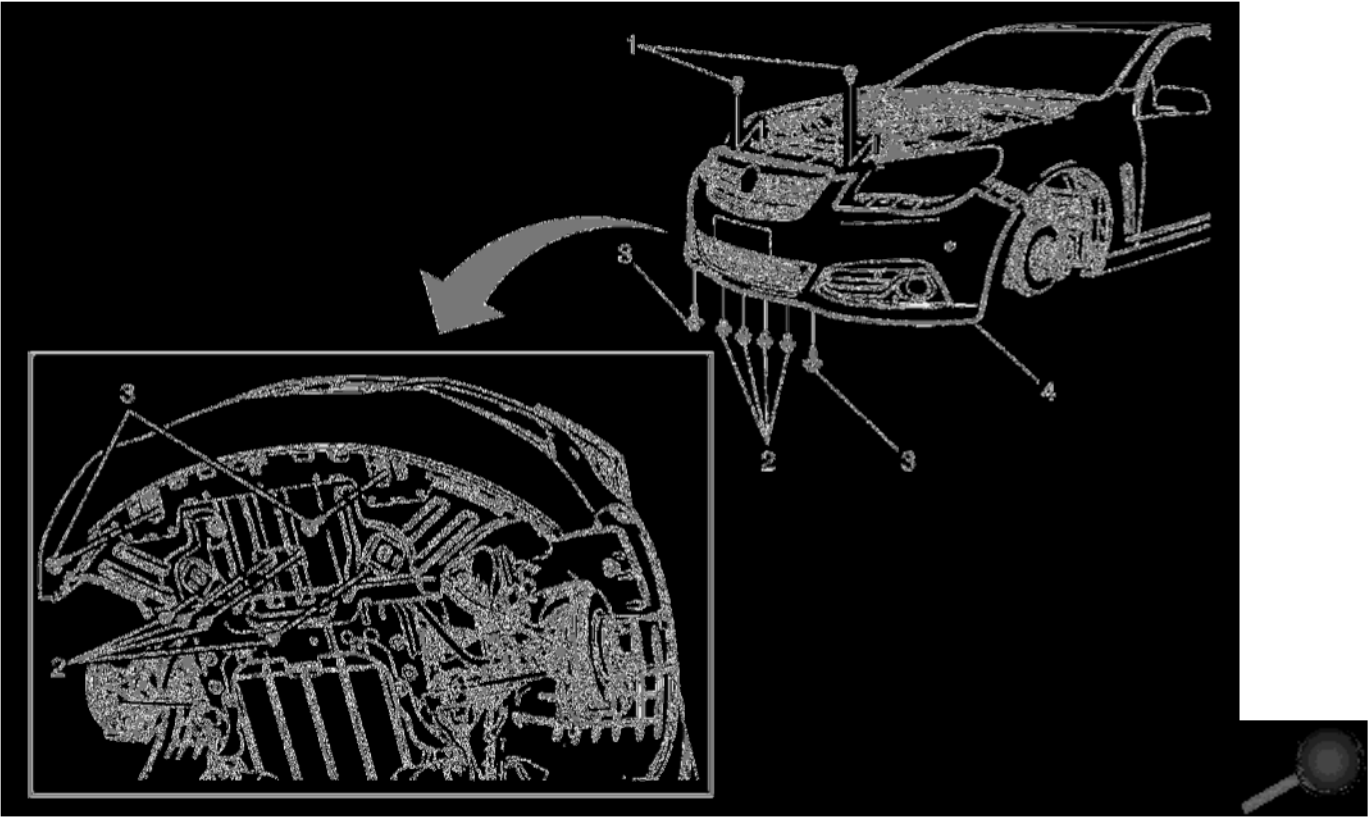


Front Bumper Fascia Replacement

Callout	Component Name
Preliminary Procedures	
1. Remove the radiator opening upper cover. Refer to Front Opening Upper Cover Replacement .	
2. Remove the front wheelhouse liner screws to the fascia. Refer to Front Wheelhouse Liner Replacement .	

1	Front Bumper Fascia Upper Bolt (Qty 2) Caution: Refer to Fastener Caution.
2	Front Bumper Fascia Lower Bolts (Qty: 4) Tighten 17 N•m (13 lb ft)
3	Front Bumper Fascia to Impact Bar Bolt (Qty: 2) Tighten 25 N•m (18 lb ft)
4	Front Bumper Fascia Note: The Radiator Air Lower Baffle must not be fitted to vehicles equipped with a 1600 Kg rated towbar. Procedure 1. Carefully push a small nylon wedge between the fascia and the front fascia guide. Insert a small flat-bladed tool into the fascia slot and depress the snaps one at a time and pull on the fascia at the same time to gradually remove the fascia from the front fascia guide. 2. Disconnect any electrical connectors. 3. Transfer components as necessary.

Front Bumper Fascia Replacement (Short Wheelbase Calais)

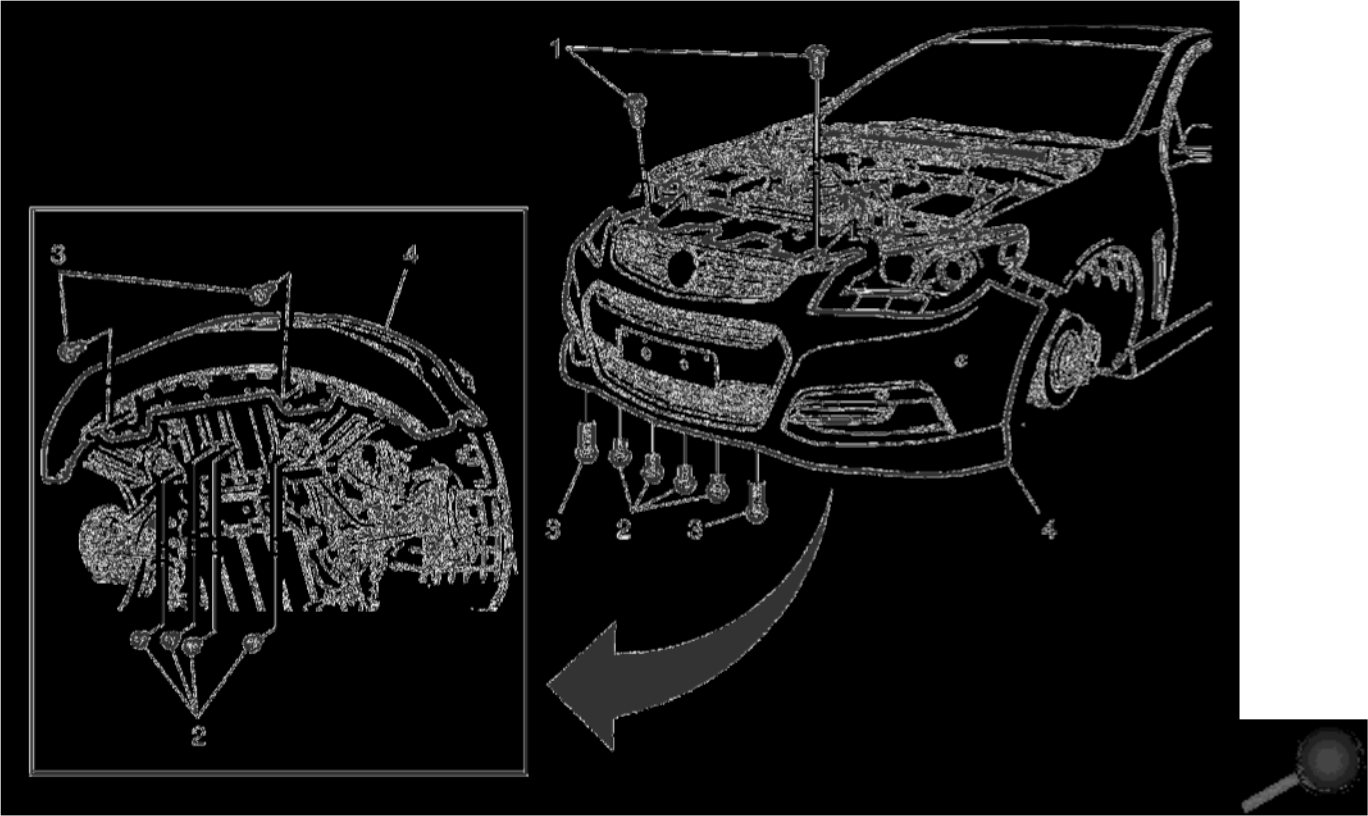


Front Bumper Fascia Replacement

Callout	Component Name
Preliminary Procedures	
1. Remove the radiator opening upper cover. Refer to Front Opening Upper Cover Replacement .	
2. Remove the front wheelhouse liner screws to the fascia. Refer to Front Wheelhouse Liner Replacement .	

1	Front Bumper Fascia Upper Bolt (Qty 2) Caution: Refer to Fastener Caution.
2	Front Bumper Fascia Lower Bolts (Qty: 4) Tighten 17 N•m (13 lb ft)
3	Front Bumper Fascia to Impact Bar Bolt (Qty: 2) Tighten 25 N•m (18 lb ft)
4	Front Bumper Fascia Procedure 1. Carefully push a small nylon wedge between the fascia and the front fascia guide. Insert a small flat-bladed tool into the fascia slot and depress the snaps one at a time and pull on the fascia at the same time to gradually remove the fascia from the front fascia guide. 2. Disconnect any electrical connectors. 3. Transfer components as necessary.

Front Bumper Fascia Replacement (SV6, SS)

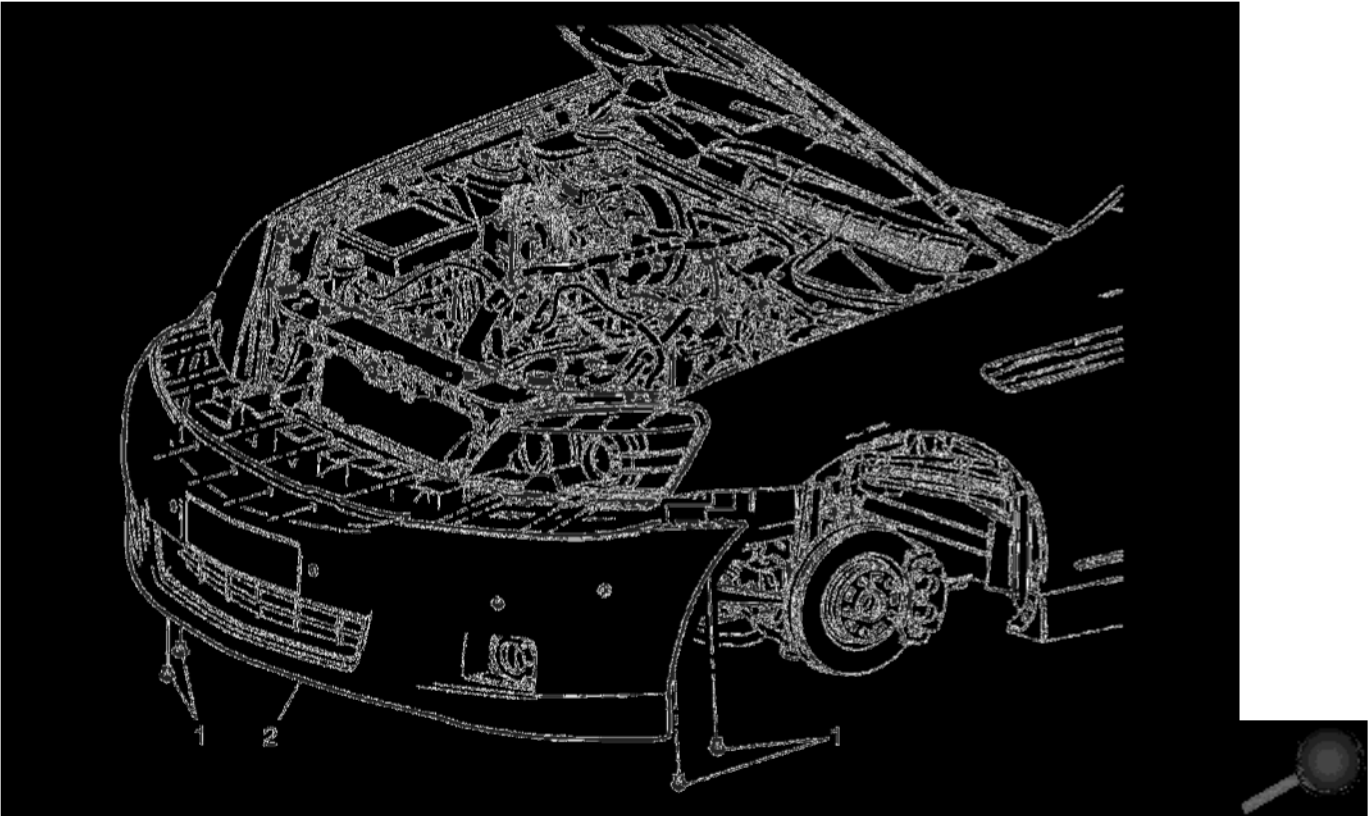


Front Bumper Fascia Replacement

Callout	Component Name
Preliminary Procedures	
1. Remove the radiator opening upper cover. Refer to Front Opening Upper Cover Replacement .	
2. Remove the front wheelhouse liner screws to the fascia. Refer to Front Wheelhouse Liner Replacement .	

1	Front Bumper Fascia Upper Bolt (Qty 2) Caution: Refer to Fastener Caution.
2	Front Bumper Fascia Lower Bolts (Qty: 4) Tighten 17 N•m (13 lb ft)
3	Front Bumper Fascia to Impact Bar Bolt (Qty: 2) Tighten 25 N•m (18 lb ft)
4	Front Bumper Fascia Procedure 1. Carefully push a small nylon wedge between the fascia and the front fascia guide. Insert a small flat-bladed tool into the fascia slot and depress the snaps one at a time and pull on the fascia at the same time to gradually remove the fascia from the front fascia guide. 2. Disconnect any electrical connectors. 3. Using a rotary cutting tool, cut the fascia brace from the fascia mould. Refer to Front Bumper Fascia Modification 4. Transfer components as necessary.

Front Bumper Fascia Replacement (Long Wheelbase)

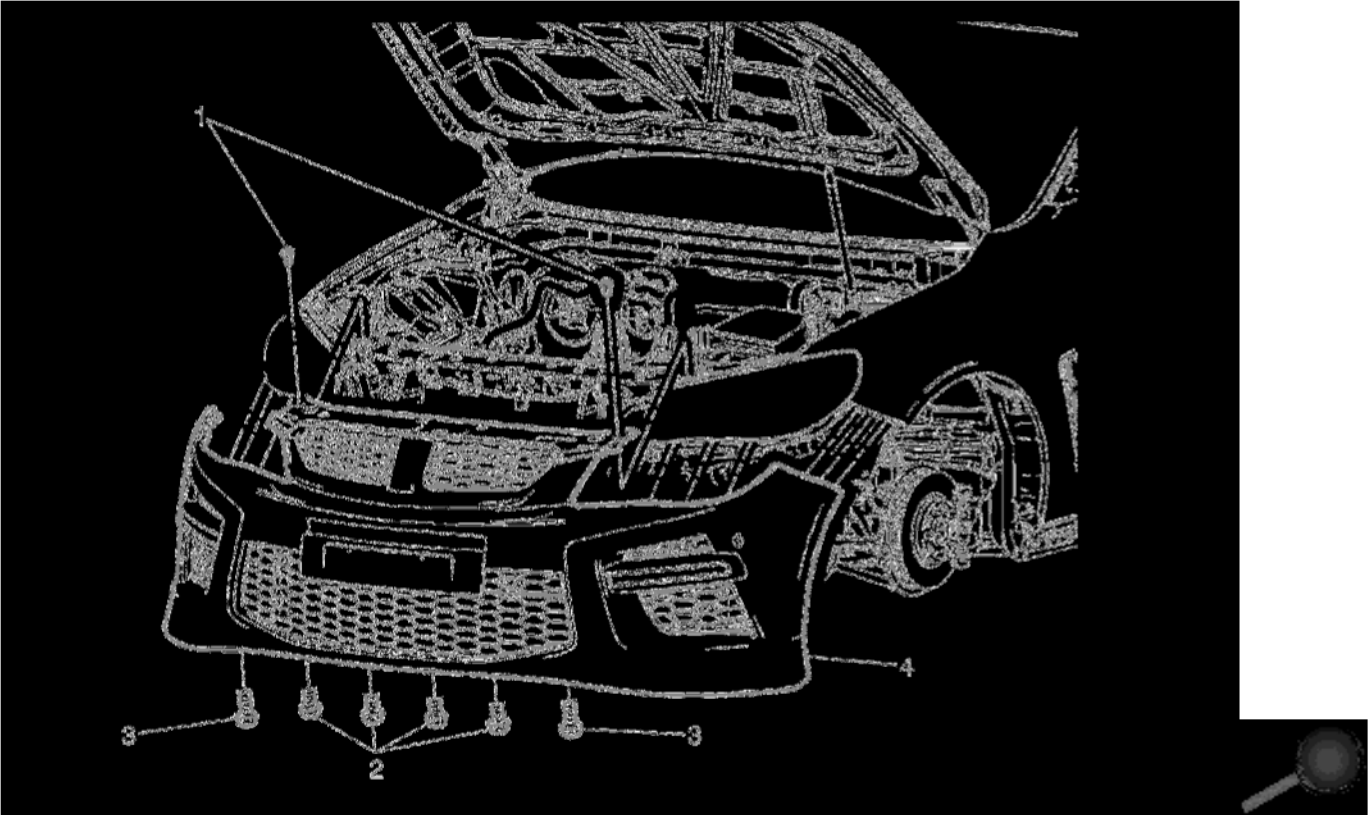


Front Bumper Fascia Replacement

Callout	Component Name
Preliminary Procedures	
1. Remove the front wheelhouse. Refer to Front Wheelhouse Replacement .	
2. Remove the front bumper fascia extension. Refer to Front Bumper Fascia Extension Replacement .	

1	Front Bumper Fascia Lower Bolts (Qty: 4) Caution: Refer to Fastener Caution. Tighten 10 N•m (89 lb in)
2	Front Bumper Fascia Procedure 1. Carefully push a small nylon wedge between the fascia and the front fascia guide. Insert a small flat-bladed tool into the fascia slot and depress the snaps one at a time and pull on the fascia at the same time to gradually remove the fascia from the front fascia guide. 2. Disconnect any electrical connectors. 3. Transfer components as necessary.

Front Bumper Fascia Replacement (HSV)

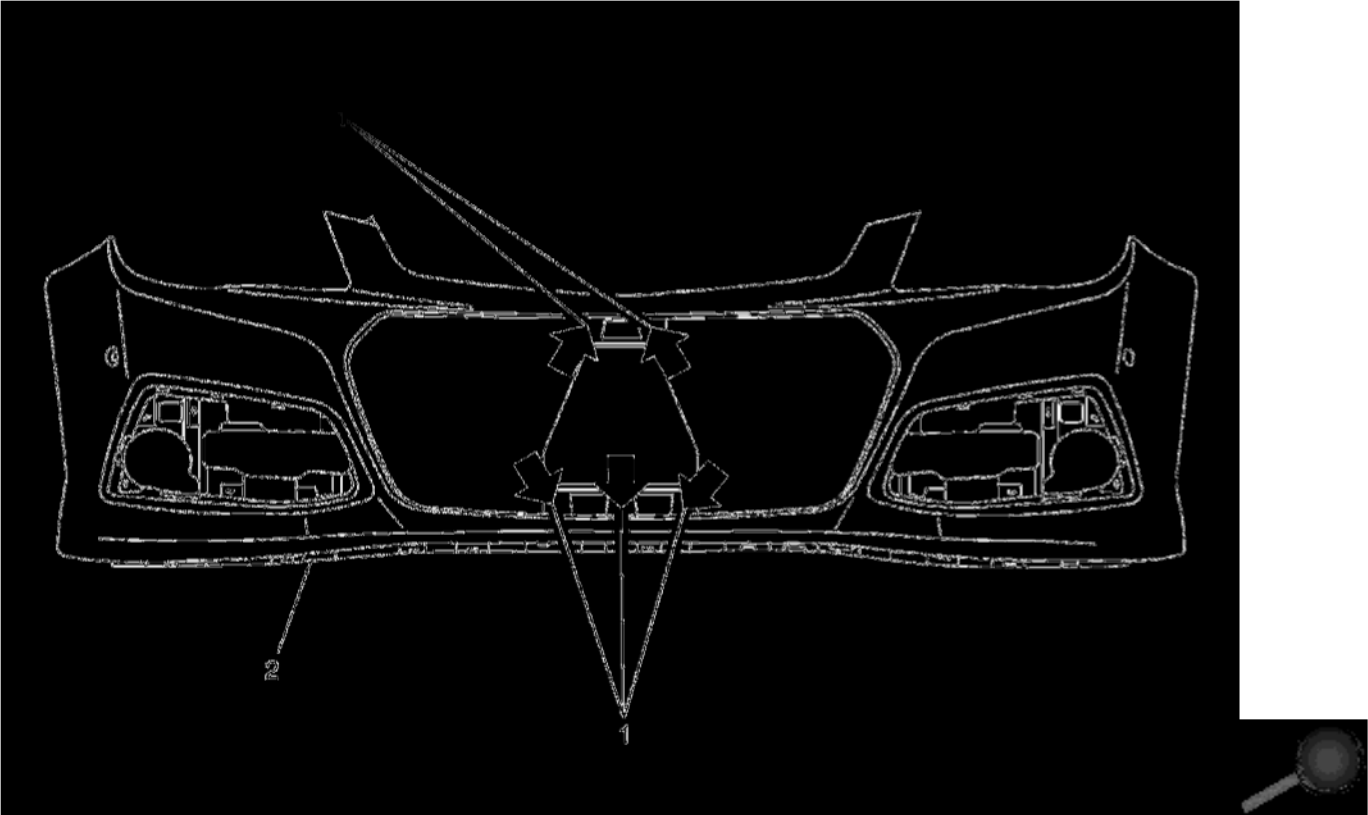


Front Bumper Fascia Replacement

Callout	Component Name
Preliminary Procedures	
1. Remove the radiator opening upper cover. Refer to Front Opening Upper Cover Replacement .	
2. Remove the front wheelhouse liner screws to the fascia. Refer to Front Wheelhouse Liner Replacement .	

1	Front Bumper Fascia Upper Bolt (Qty 2) Caution: Refer to Fastener Caution.
2	Front Bumper Fascia Lower Bolts (Qty: 4) Tighten 17 N•m (13 lb ft)
3	Front Bumper Fascia to Impact Bar Bolt (Qty: 2) Tighten 25 N•m (18 lb ft)
4	Front Bumper Fascia Procedure 1. Carefully push a small nylon wedge between the fascia and the front fascia guide. Insert a small flat-bladed tool into the fascia slot and depress the snaps one at a time and pull on the fascia at the same time to gradually remove the fascia from the front fascia guide. 2. Disconnect any electrical connectors. 3. Transfer components as necessary.

Front Bumper Fascia Modification

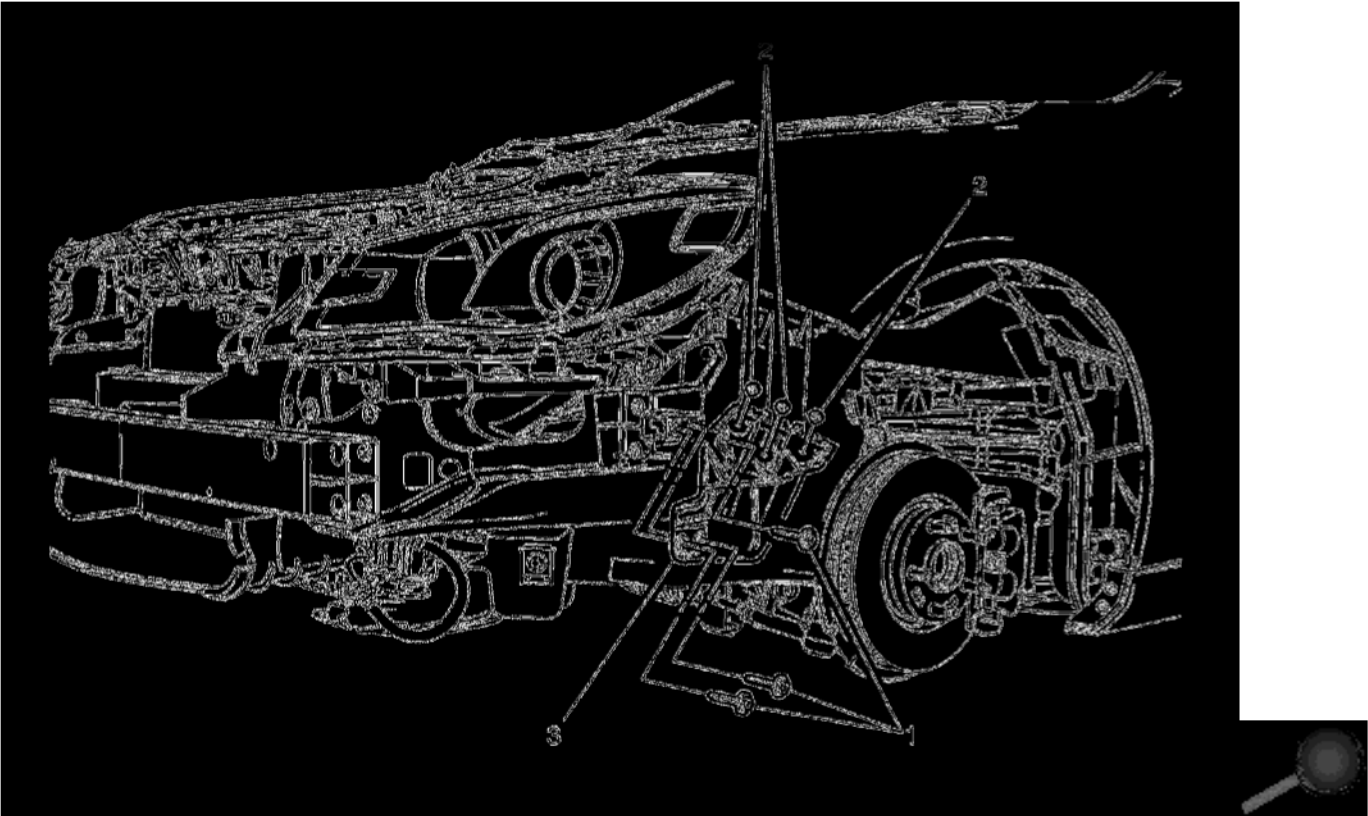


Front Bumper Fascia Modification

Callout	Component Name
1	Front Bumper Fascia Brace Procedure Using a rotary cutting tool, cut the fascia brace from the fascia mould as shown (arrows). Note: Brace from replacement bumper fascia must be cut as shown (arrows), if not this will cause an interference condition to the lower chrome surround if not done .

2	Front Bumper Fascia
---	---------------------

Front Bumper Fascia Guide Replacement (Short Wheelbase)

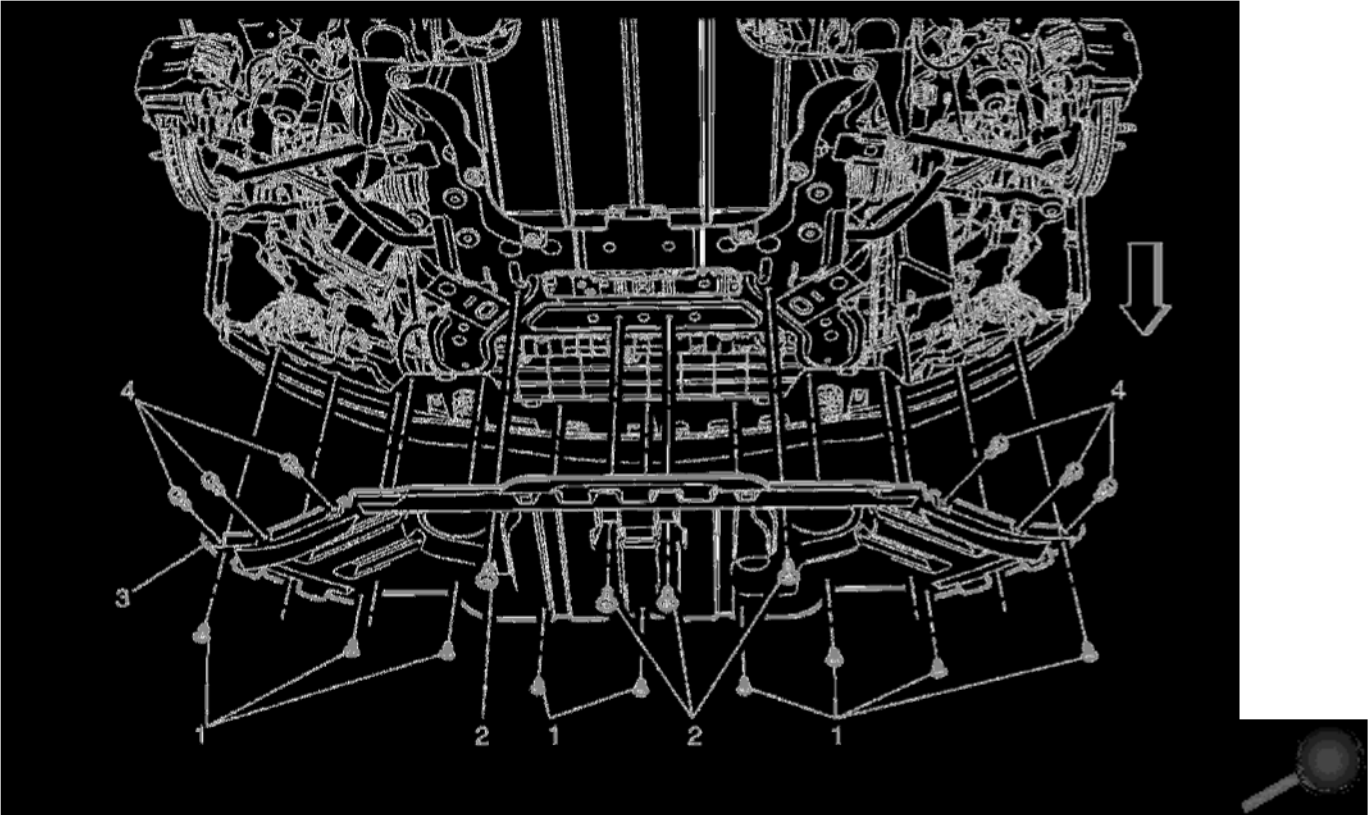


Front Bumper Fascia Guide Replacement

Callout	Component Name
Warning: Refer to Eye Protection Warning. Preliminary Procedure Remove the front bumper fascia. Refer to Front Bumper Fascia Replacement. © 2014 General Motors. All rights reserved.	
	Front Bumper Fascia Guide Bolts (Qty 3)

1	Caution: Refer to Fastener Caution .
2	Front Bumper Fascia Guide Rivet (Qty: 3)
3	Front Bumper Fascia Guide

Front Bumper Fascia Extension Replacement (Short Wheelbase)

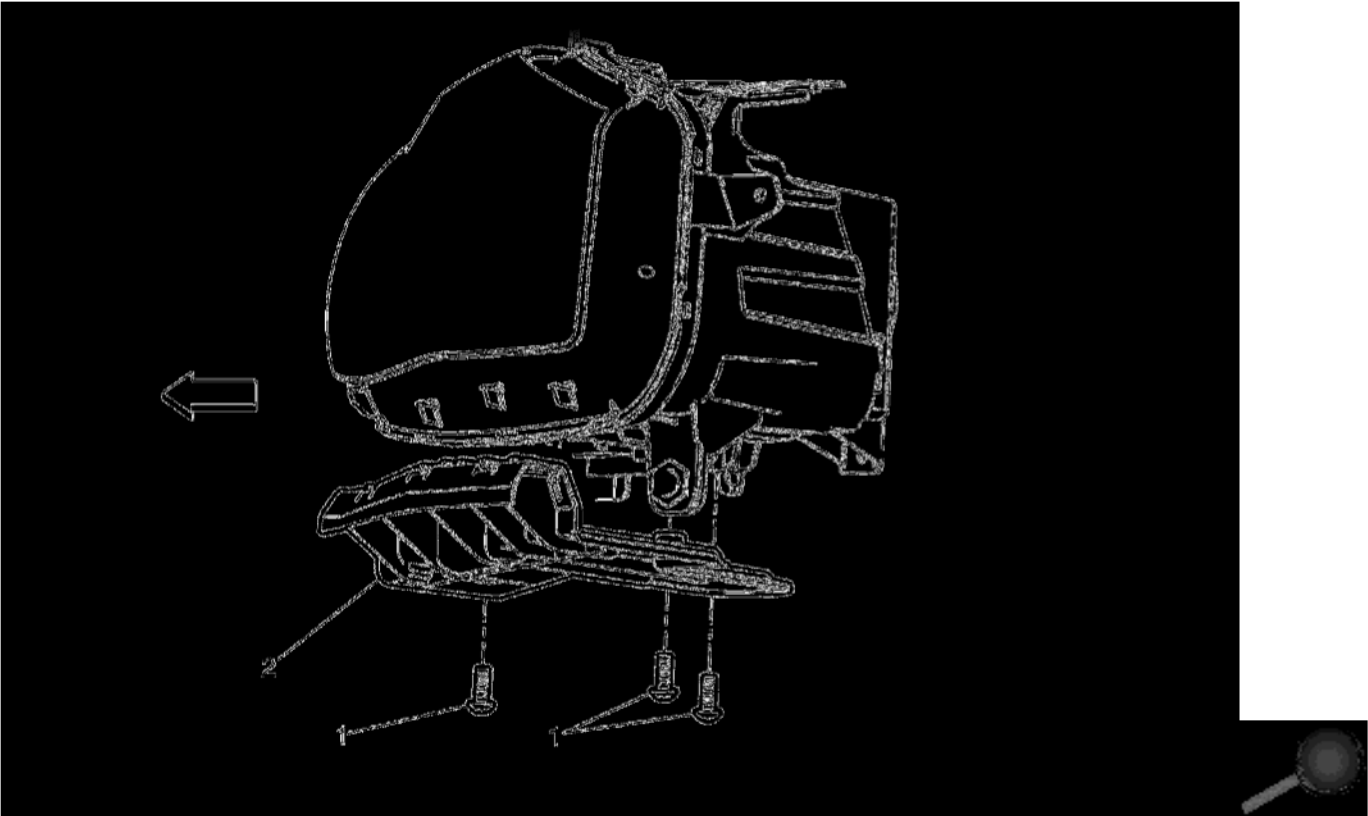


Front Bumper Fascia Extension Replacement

Callout	Component Name
1	Front Bumper Fascia Extension Screws (Qty 9) Caution: Refer to Fastener Caution .
2	Front Bumper Fascia Extension Bolt (Qty 4)

3	Front Bumper Fascia Extension
4	Lower Wheel House Liner Screws (Qty 6)

Front Bumper Fascia Support Bracket Replacement

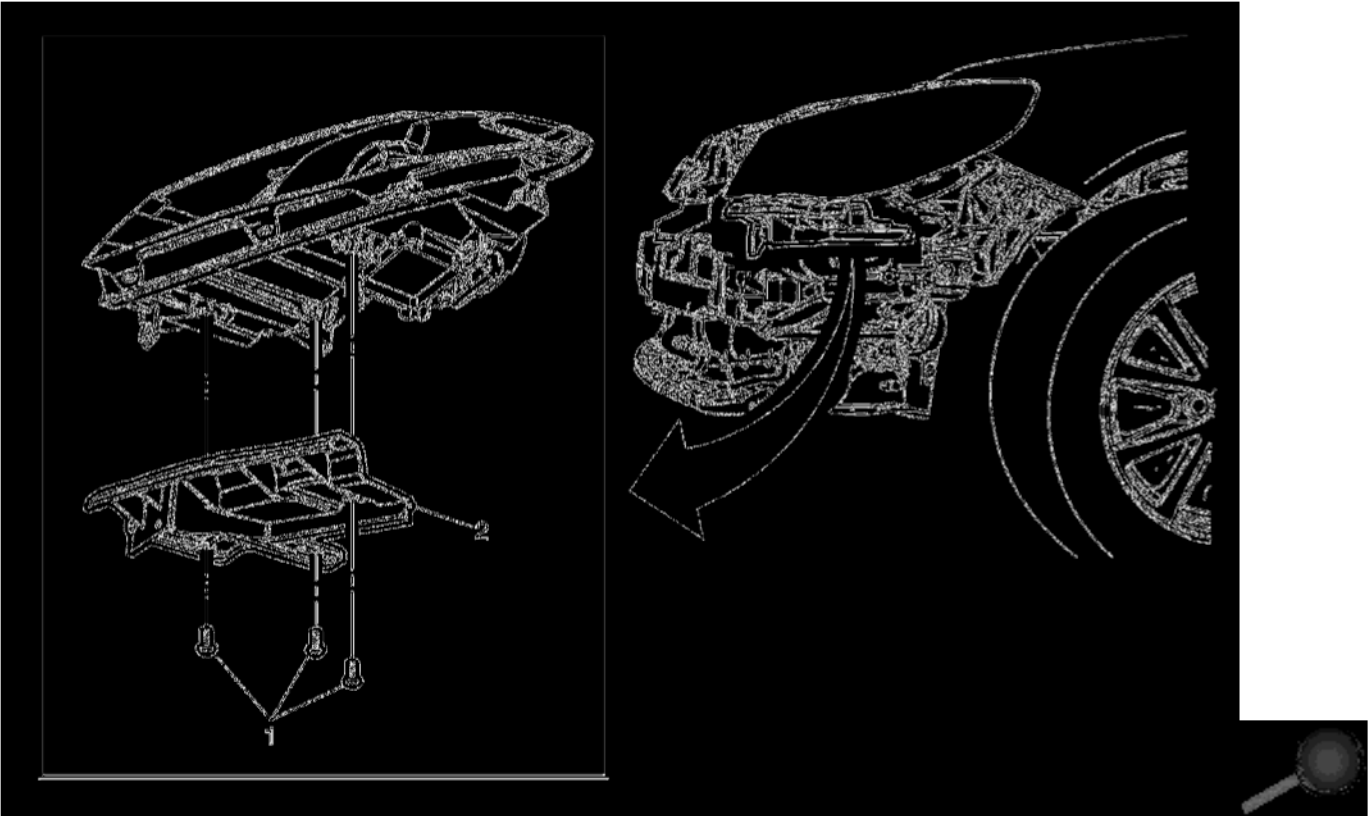


Front Bumper Fascia Support Bracket Replacement

Callout	Component Name
Preliminary Procedure	
1. Remove the front bumper fascia. Refer to Front Bumper Fascia Replacement	
2. Remove the headlamp. Refer to Headlamp Replacement .	

1	Front Bumper Fascia Support Bracket Bolt (Qty: 3) Caution: Refer to Fastener Caution .
2	Front Bumper Fascia Support Bracket

Front Bumper Fascia Reinforcement Replacement (Short Wheelbase)

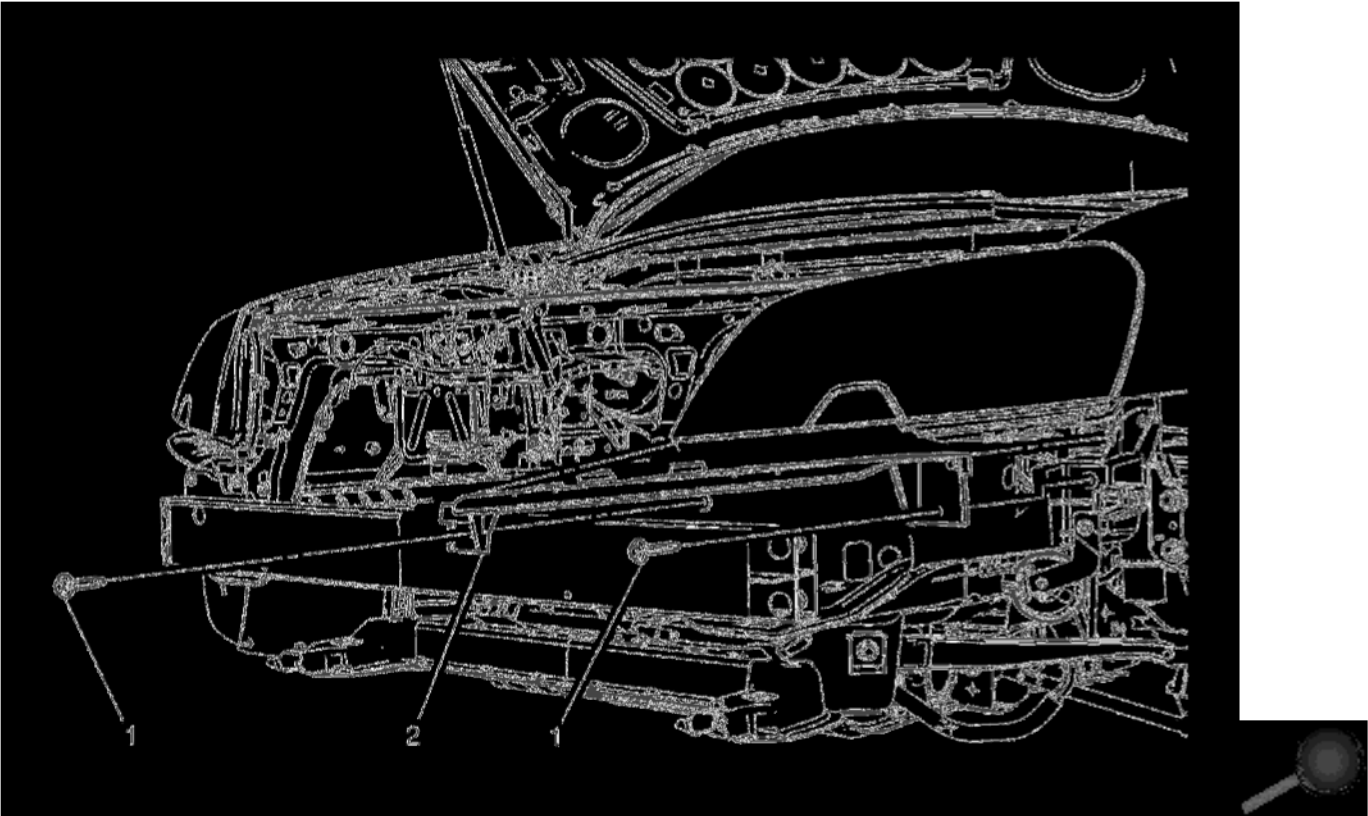


Front Bumper Fascia Reinforcement Replacement

Callout	Component Name
Preliminary Procedures	
1. Remove the front bumper fascia. Refer to Front Bumper Fascia Replacement .	
2. Remove the headlamp. Refer to Headlamp Replacement .	

1	Front Bumper Fascia Reinforcement Bolt (Qty: 3) Caution: Refer to Fastener Caution .
2	Front Bumper Fascia Reinforcement

Front Bumper Fascia Reinforcement Replacement (Long Wheelbase)

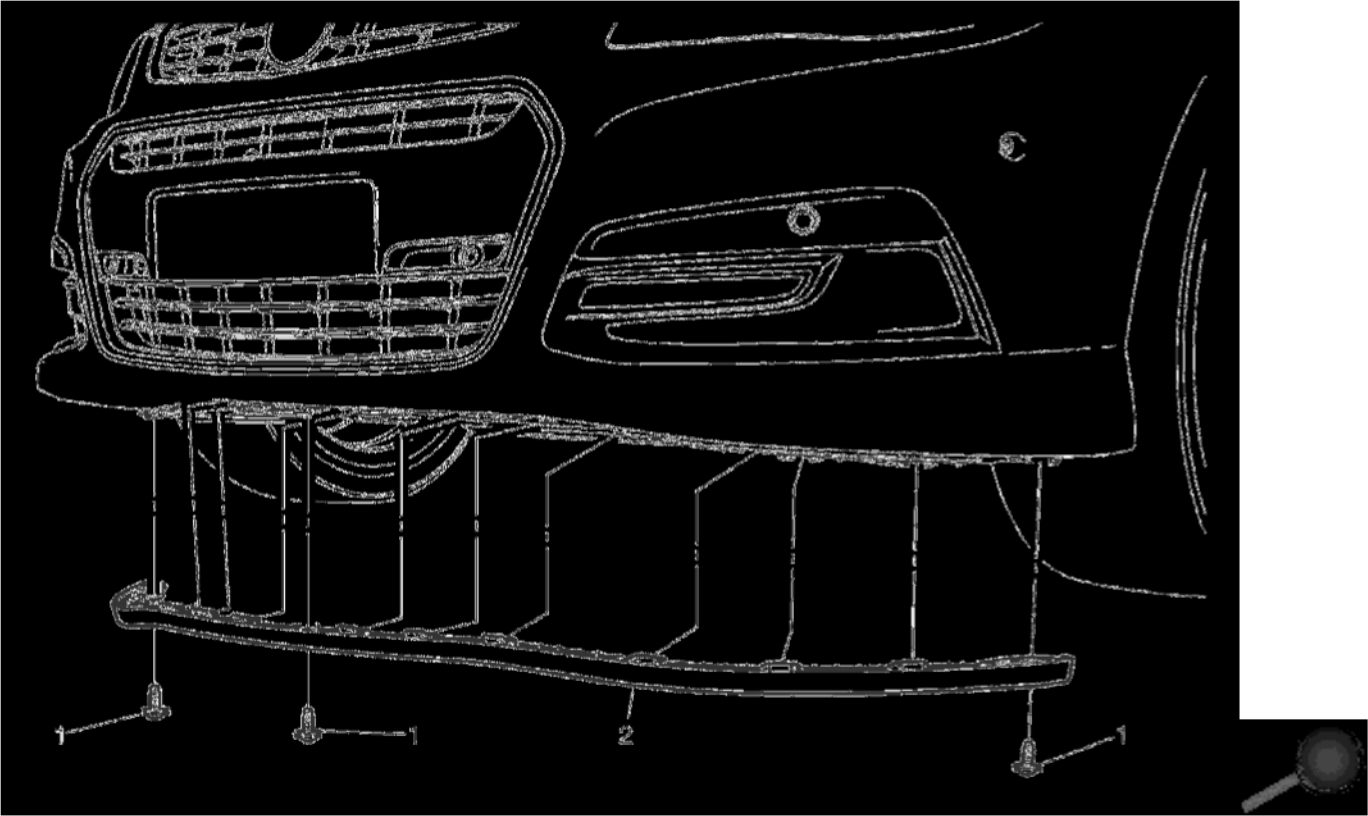


Front Bumper Fascia Reinforcement Replacement

Callout	Component Name
Preliminary Procedures	
1. Remove the front bumper fascia. Refer to Front Bumper Fascia Replacement .	
2. Remove the headlamp. Refer to Headlamp Replacement .	

1	Front Bumper Fascia Reinforcement Bolt (Qty: 2) Caution: Refer to Fastener Caution .
2	Front Bumper Fascia Reinforcement

Front Bumper Fascia Air Deflector Replacement (Short Wheelbase without HSV)



Front Bumper Fascia Air Deflector Replacement

Callout	Component Name
1	Front Bumper Fascia Air Deflector Bolt (Qty: 3) Caution: Refer to Fastener Caution . Tighten 3 N•m (27 lb in)

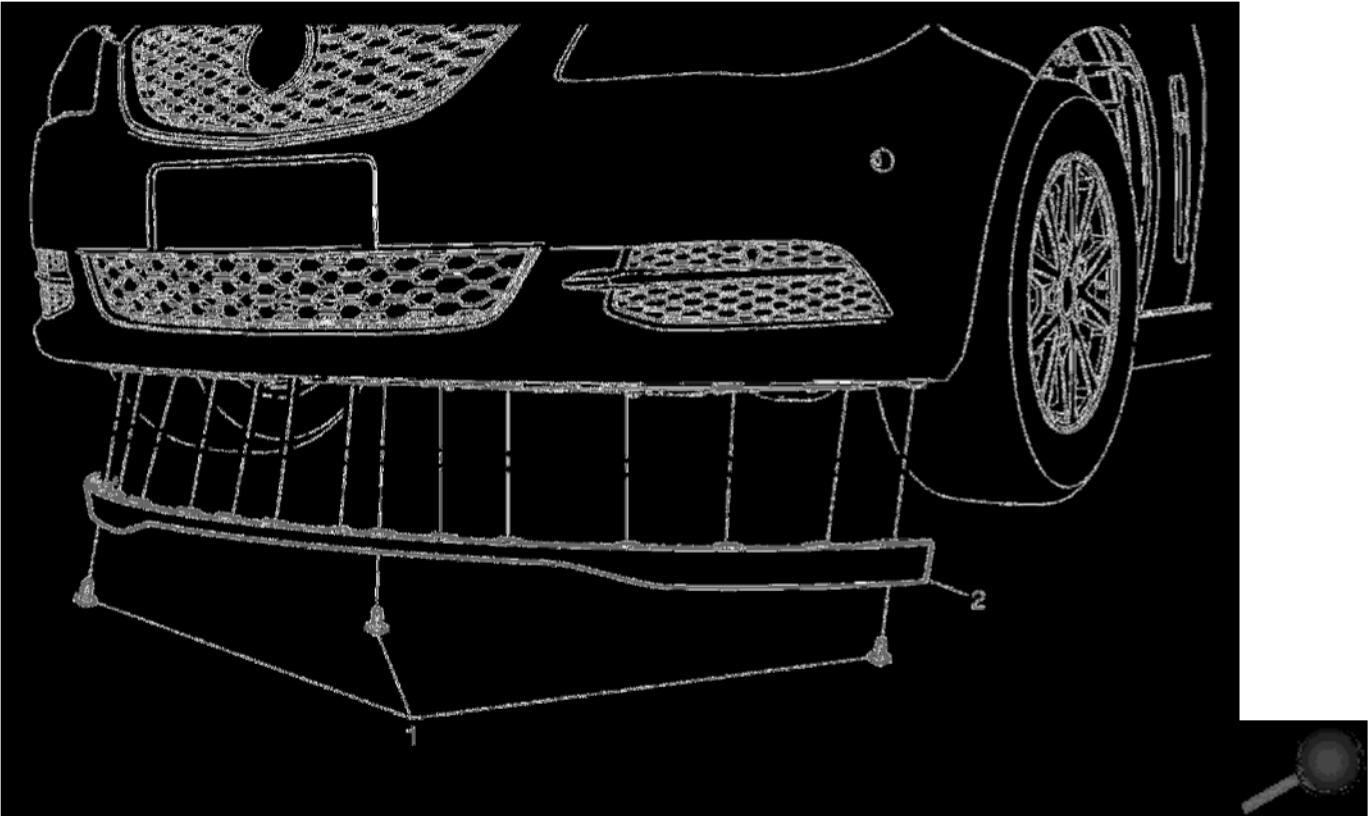
2

Front Bumper Fascia Air Deflector

Procedure

Release the front bumper fascia air deflector retainer tabs from the fascia by depressing the tabs with a small flat-bladed tool.

Front Bumper Fascia Air Deflector Replacement (Short Wheelbase Evoke)



Front Bumper Fascia Air Deflector Replacement

Callout	Component Name
1	Front Bumper Fascia Air Deflector Bolt (Qty: 3) Caution: Refer to Fastener Caution . Tighten 3 N•m (27 lb in)

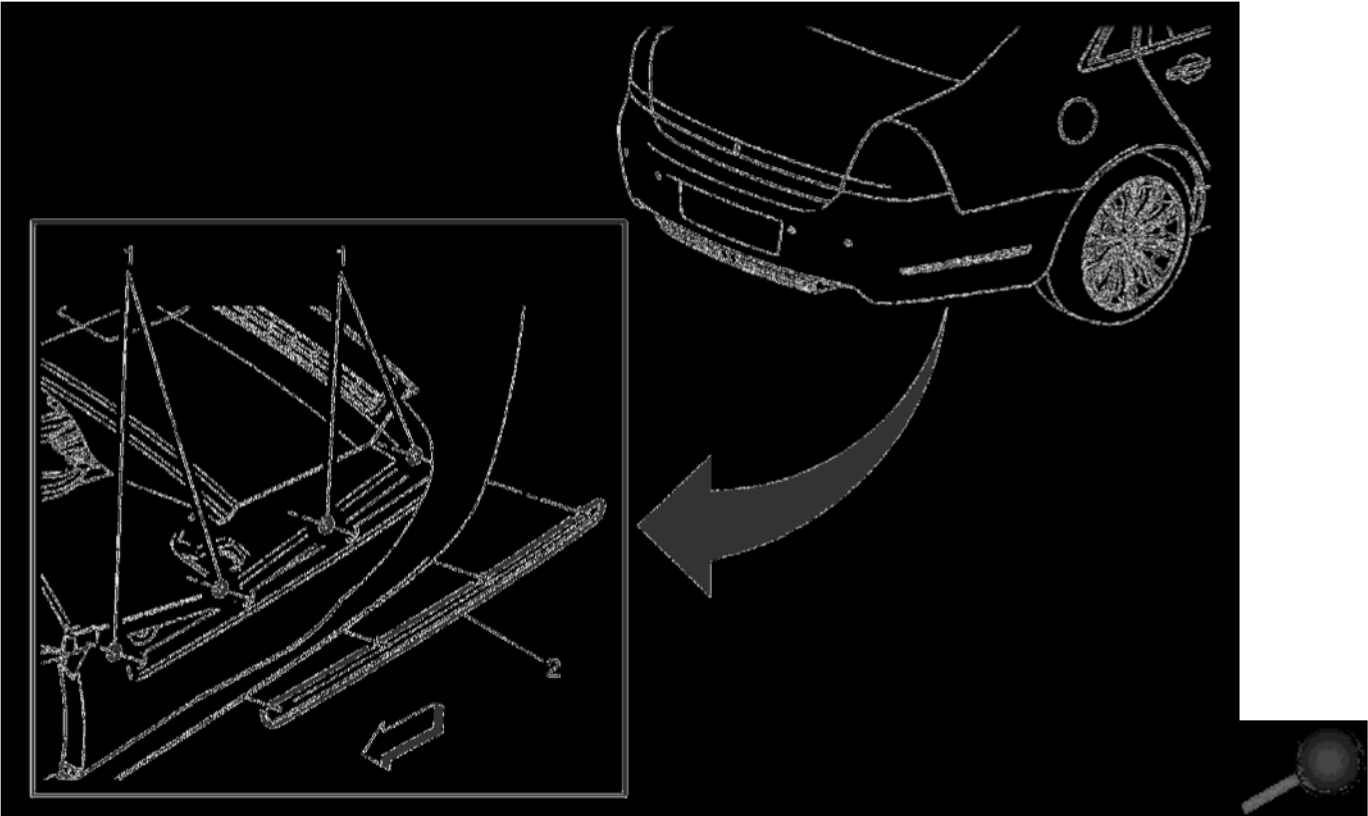
2

Front Bumper Fascia Air Deflector

Procedure

Release the front bumper fascia air deflector retainer tabs from the fascia by depressing the tabs with a small flat-bladed tool.

Rear Bumper Fascia Molding Replacement (Long Wheelbase)



Rear Bumper Fascia Molding Replacement

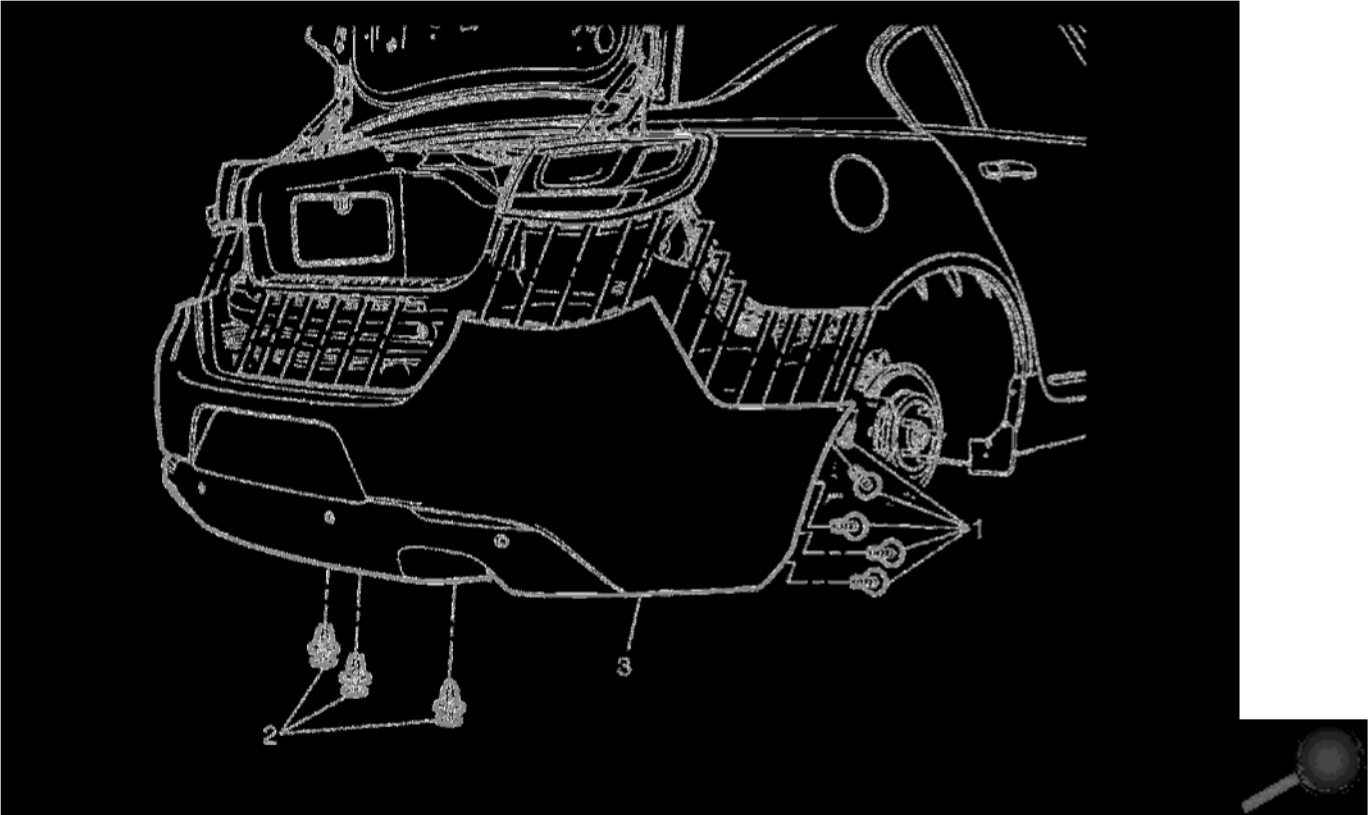
Callout	Component Name
1	Rear Bumper Fascia Molding Push-On Nut (Qty: 4) Caution: Refer to Fastener Caution .
	Rear Bumper Fascia Molding Procedure

2

Carefully push on the rear bumper fascia molding studs to remove from the rear fascia.

Note: Be cautious not to scratch or damage the paint on the rear bumper fascia.

Rear Bumper Fascia Replacement (Short Wheelbase Sedan)

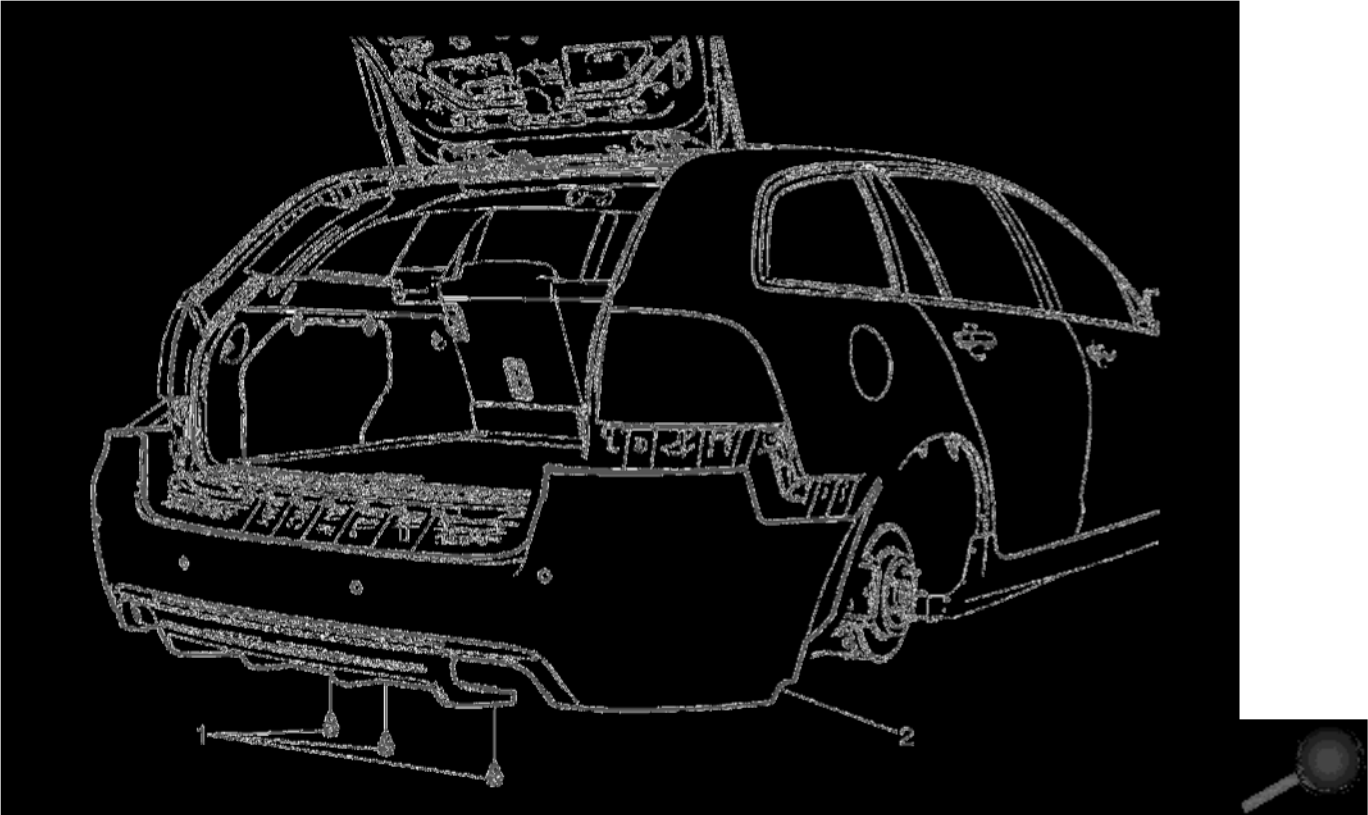


Rear Bumper Fascia Replacement

Callout	Component Name
Note: Inspect the fascia before completing the procedure. Refer to Inspection After Collision. Preliminary Procedure Remove the left and right rear wheelhouse liner fasteners that attach the liners to the rear fascia. Refer to Rear Wheelhouse Liner Replacement. © 2014 General Motors. All rights reserved.	

1	Rear Bumper Fascia to Rear Wheelhouse Bolt (Qty: 10) Caution: Refer to Fastener Caution . Tighten 2 N•m (18 lb in)
2	Rear Bumper Fascia Push-In Retainer (Qty: 3)
3	Rear Bumper Fascia Procedure 1. Carefully push a small nylon wedge between the fascia and the rear fascia brackets. Insert a small flat-bladed tool into the fascia slot and depress the snaps one at a time and pull on the fascia at the same time to gradually remove the fascia from the rear fascia brackets. 2. Disconnect the electrical connectors. 3. Transfer parts as needed.

Rear Bumper Fascia Replacement (Sportwagon)

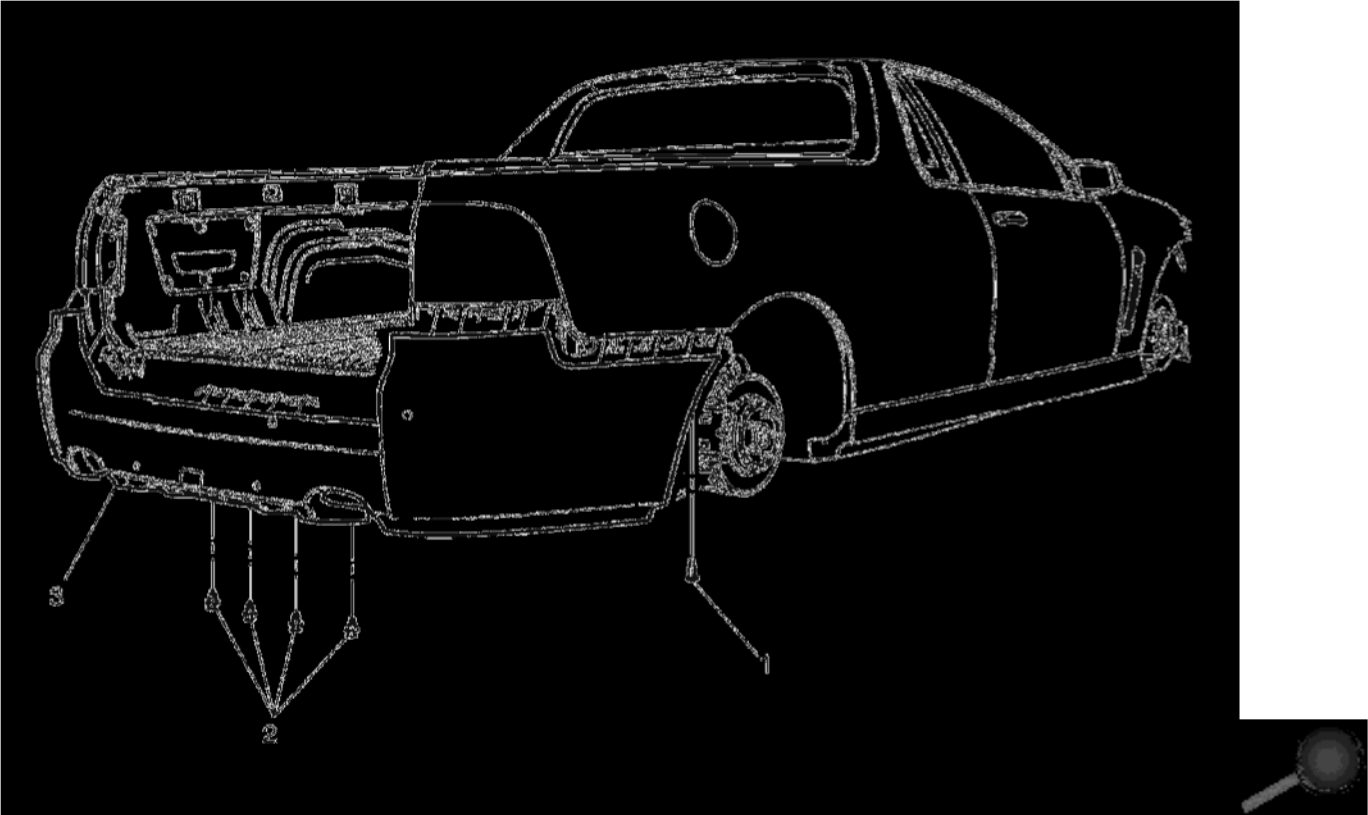


Rear Bumper Fascia Replacement

Callout	Component Name
Preliminary Procedure Remove the left and right rear wheelhouse liner fasteners that attach the liners to the rear fascia. Refer to Rear Wheelhouse Liner Replacement . © 2014 General Motors. All rights reserved.	
1	Rear Bumper Fascia Retainer Push-in (Qty 3)

2	Rear Bumper Fascia Procedure 1. Carefully push a small nylon wedge between the fascia and the rear fascia guide. Insert a small flat-bladed tool into the fascia slot and depress the snaps one at a time and pull on the fascia at the same time to gradually remove the fascia from the rear fascia supports and guides. 2. Disconnect the electrical connectors. 3. Transfer parts as needed.
---	---

Rear Bumper Fascia Replacement (Ute)

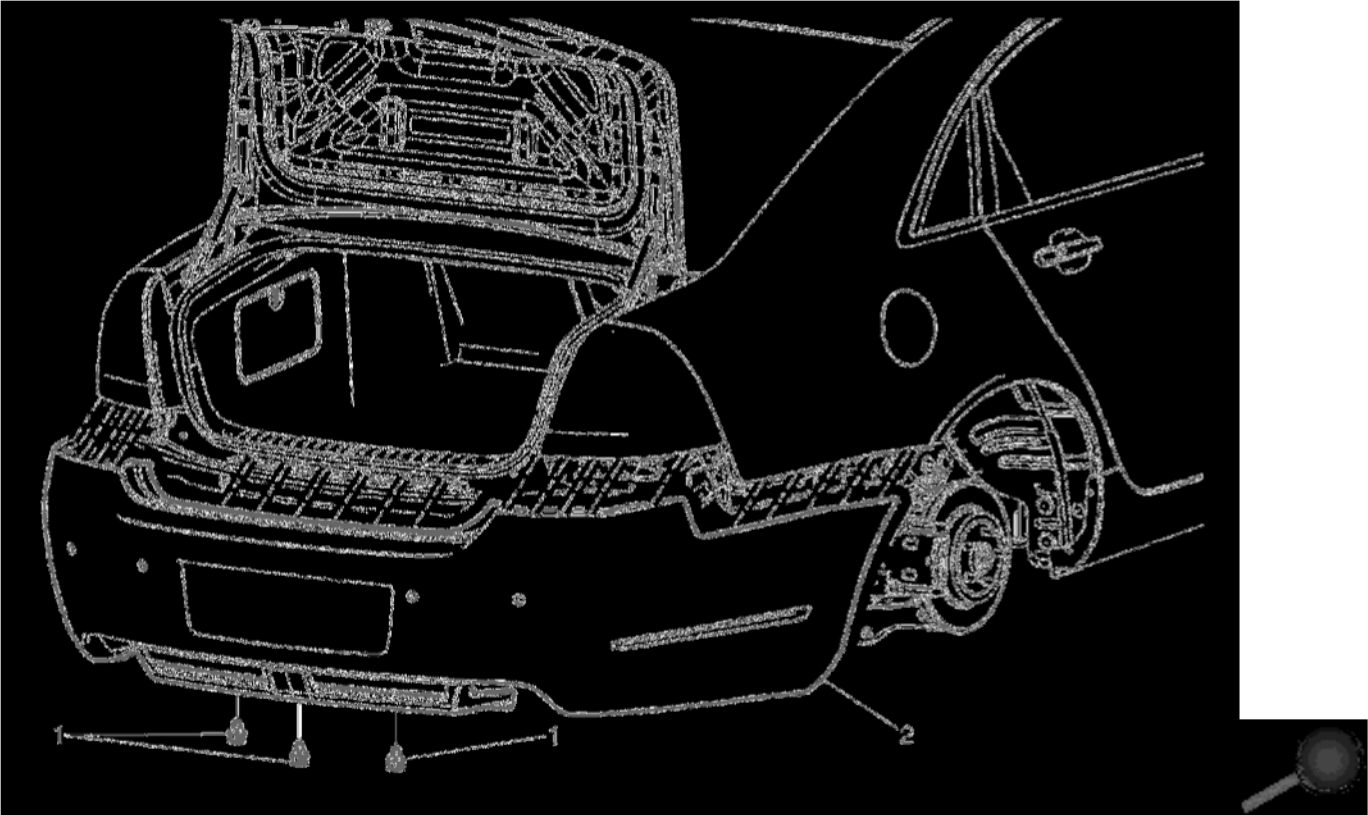


Rear Bumper Fascia Replacement

Callout	Component Name
Preliminary Procedure Remove the left and right rear wheelhouse liner fasteners that attach the liners to the rear fascia. Refer to Rear Wheelhouse Liner Replacement . © 2014 General Motors. All rights reserved.	
1	Rear Bumper Fascia Screw (Qty 2)

	Caution: Refer to Fastener Caution .
1	Rear Bumper Fascia Retainer Push-in (Qty 4)
2	Rear Bumper Fascia Procedure 1. Carefully push a small nylon wedge between the fascia and the rear fascia guide. Insert a small flat-bladed tool into the fascia slot and depress the snaps one at a time and pull on the fascia at the same time to gradually remove the fascia from the rear fascia supports and guides. 2. Disconnect the electrical connectors. 3. Transfer parts as needed.

Rear Bumper Fascia Replacement (Long Wheelbase)

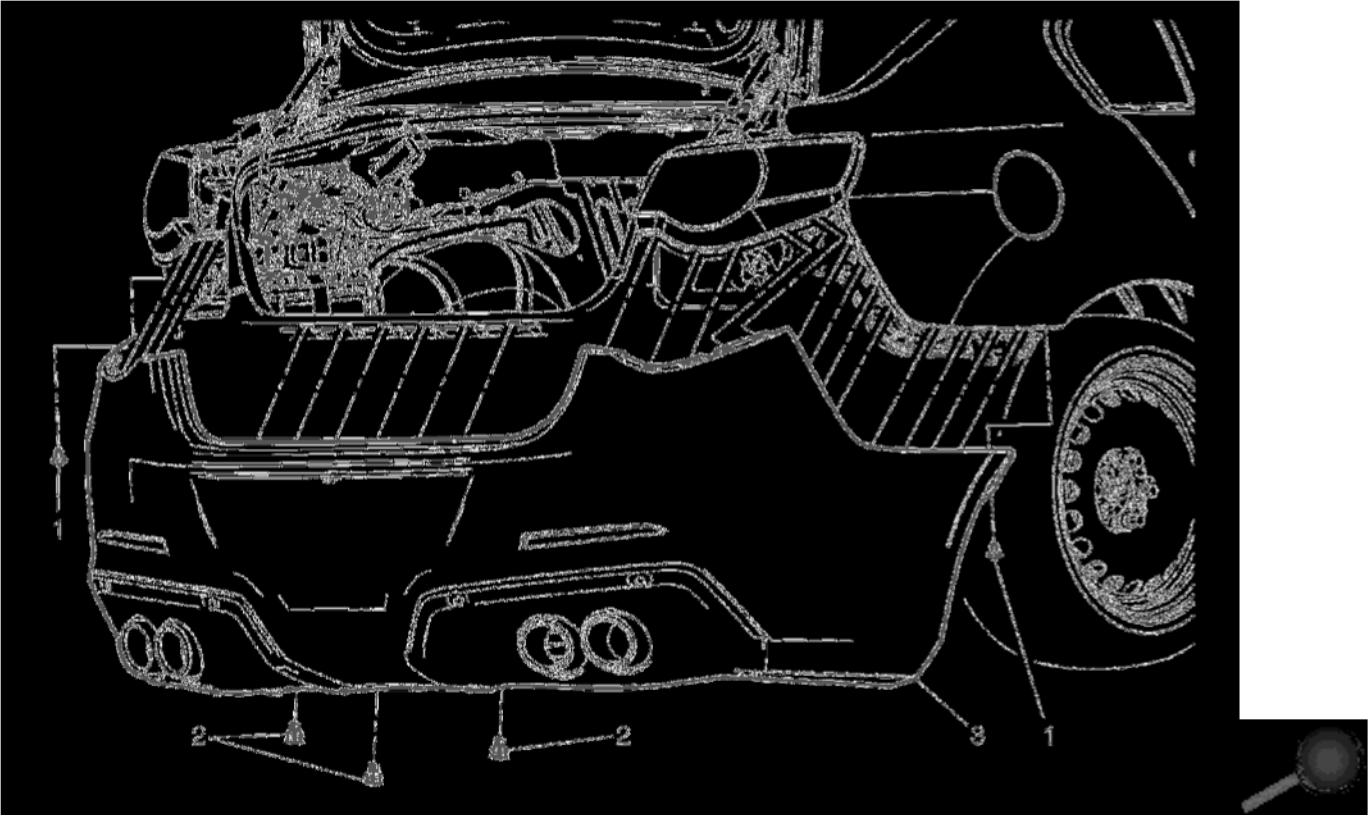


Rear Bumper Fascia Replacement

Callout	Component Name
Note: Inspect the fascia before completing the procedure. Refer to Inspection After Collision. Preliminary Procedure Remove the left and right rear wheelhouse liner fasteners that attach the liners to the rear fascia. Refer to Rear Wheelhouse Liner Replacement. © 2014 General Motors. All rights reserved.	

1	Rear Bumper Fascia Retainer Push-in (Qty: 3)
2	Rear Bumper Fascia Procedure 1. Carefully push a small nylon wedge between the fascia and the rear fascia brackets. Insert a small flat-bladed tool into the fascia slot and depress the snaps one at a time and pull on the fascia at the same time to gradually remove the fascia from the rear fascia brackets. 2. Disconnect the electrical connectors. 3. Transfer parts as needed.

Rear Bumper Fascia Replacement (Short Wheelbase HSV)

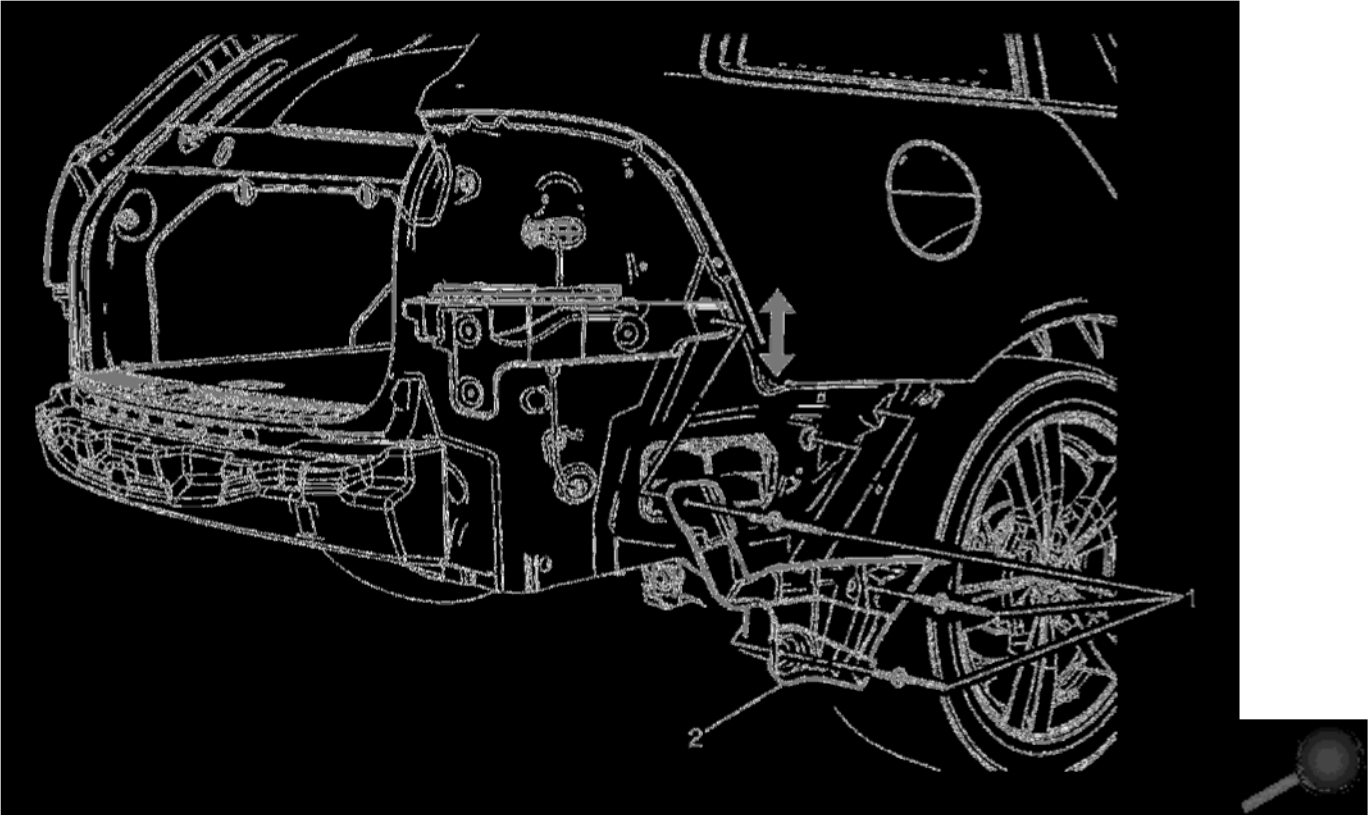


Rear Bumper Fascia Replacement

Callout	Component Name
Note: Inspect the fascia before completing the procedure. Refer to Inspection After Collision. Preliminary Procedure Remove the left and right rear wheelhouse liner fasteners that attach the liners to the rear fascia. Refer to Rear Wheelhouse Liner Replacement. © 2014 General Motors. All rights reserved.	

1	Rear Bumper Fascia Bolt (Qty: 2) Caution: Refer to Fastener Caution . Tighten 9 N•m (80 lb in)
2	Rear Bumper Fascia Push-In Retainer (Qty: 3)
3	Rear Bumper Fascia Procedure 1. Carefully push a small nylon wedge between the fascia and the rear fascia brackets. Insert a small flat-bladed tool into the fascia slot and depress the snaps one at a time and pull on the fascia at the same time to gradually remove the fascia from the rear fascia brackets. 2. Disconnect the electrical connectors. 3. Transfer parts as needed.

Rear Bumper Fascia Guide Replacement (Sportwagon)

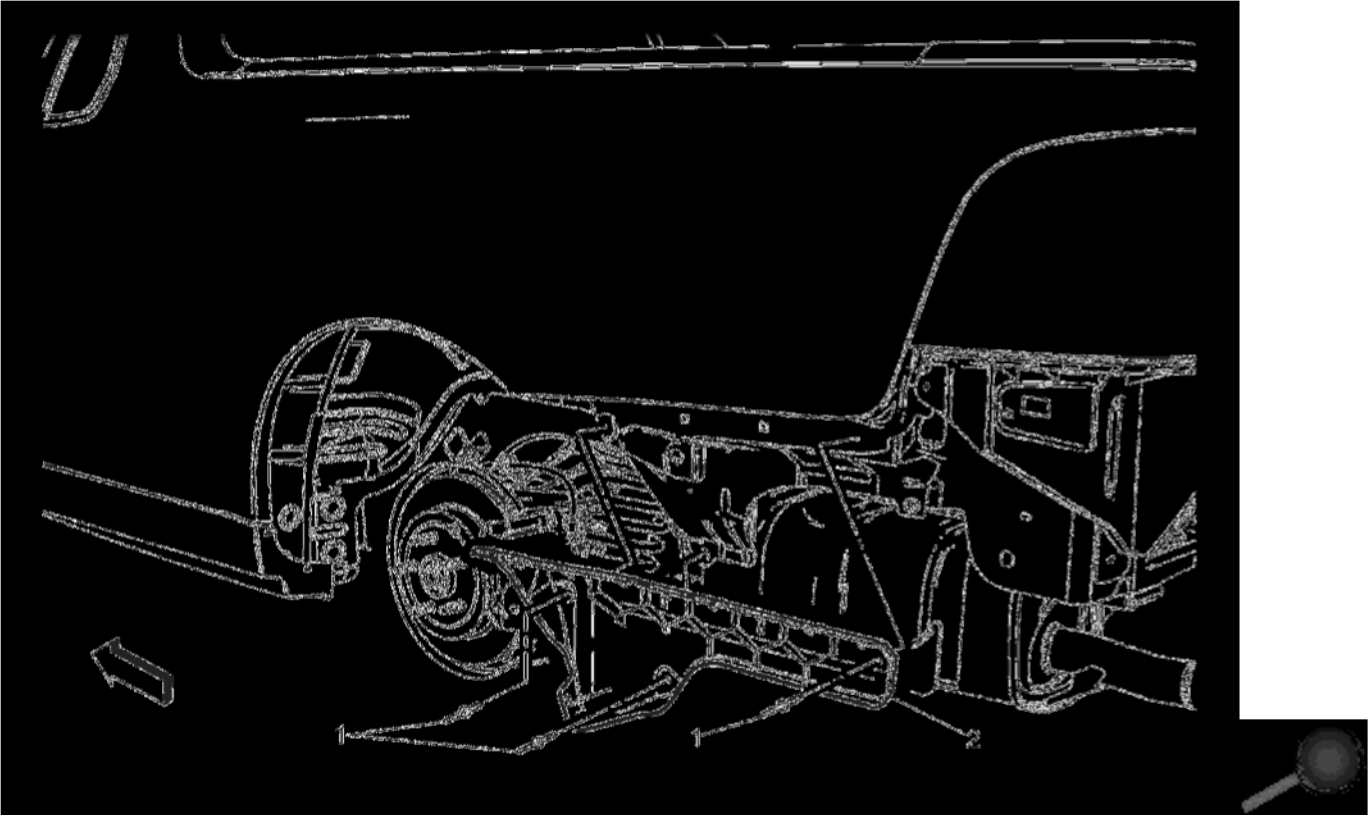


Rear Bumper Fascia Guide Replacement

Callout	Component Name
Warning: Refer to Eye Protection Warning. Preliminary Procedure Remove the rear bumper fascia. Refer to Rear Bumper Fascia Replacement. © 2014 General Motors. All rights reserved.	
	Rear Bumper Fascia Guide Rivet (Qty: 3)

1	Note: Careful not to damage the rear bumper fascia support, they both share one rivet.
2	Rear Bumper Fascia Guide Procedure Slide the guide down under the rear bumper fascia support (arrow).

Rear Bumper Fascia Guide Replacement (Ute)

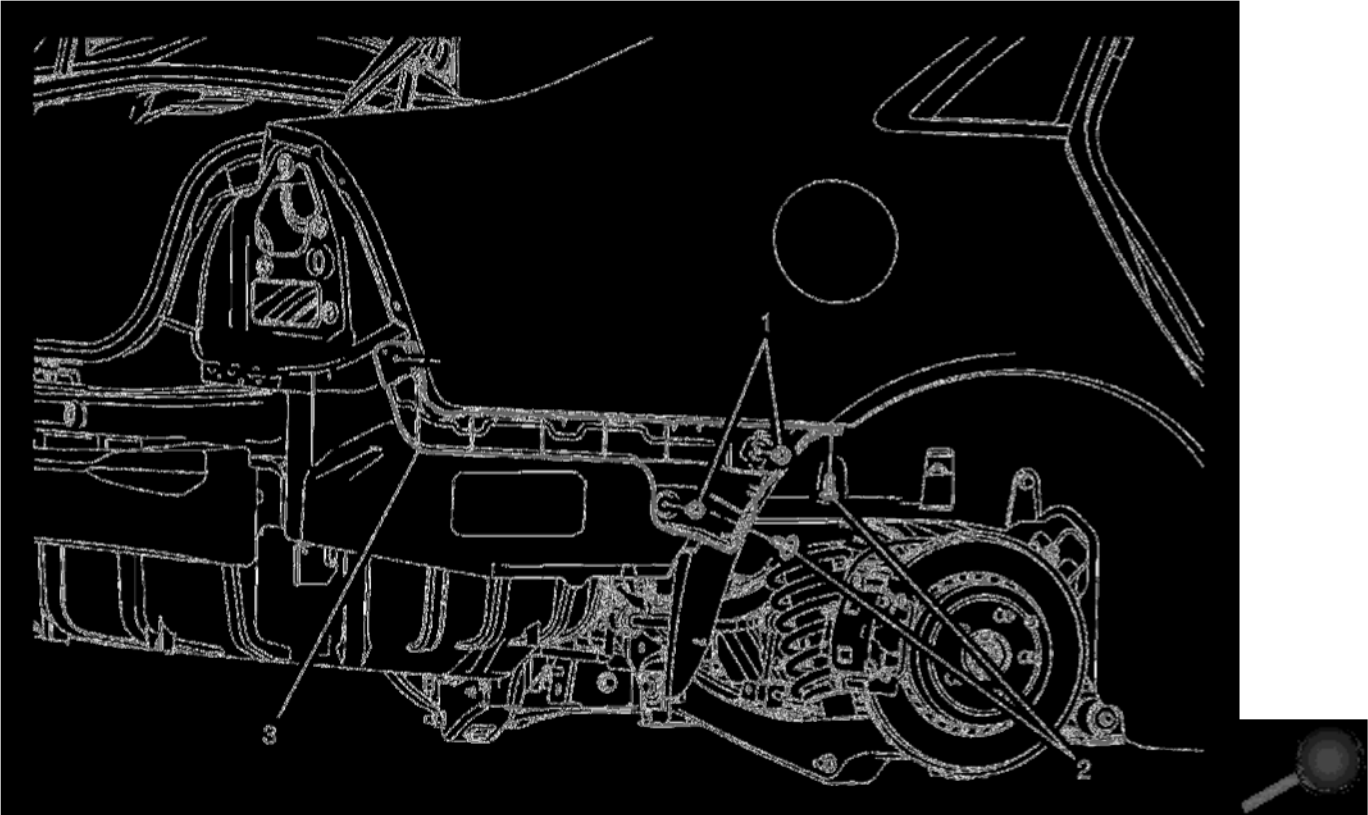


Rear Bumper Fascia Guide Replacement

Callout	Component Name
Warning: Refer to Eye Protection Warning. Preliminary Procedure Remove the rear bumper fascia. Refer to Rear Bumper Fascia Replacement. © 2014 General Motors. All rights reserved.	
1	Rear Bumper Fascia Guide Rivet (Qty: 3)

2	Rear Bumper Fascia Guide
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Rear Bumper Fascia Guide Replacement (Long Wheelbase)

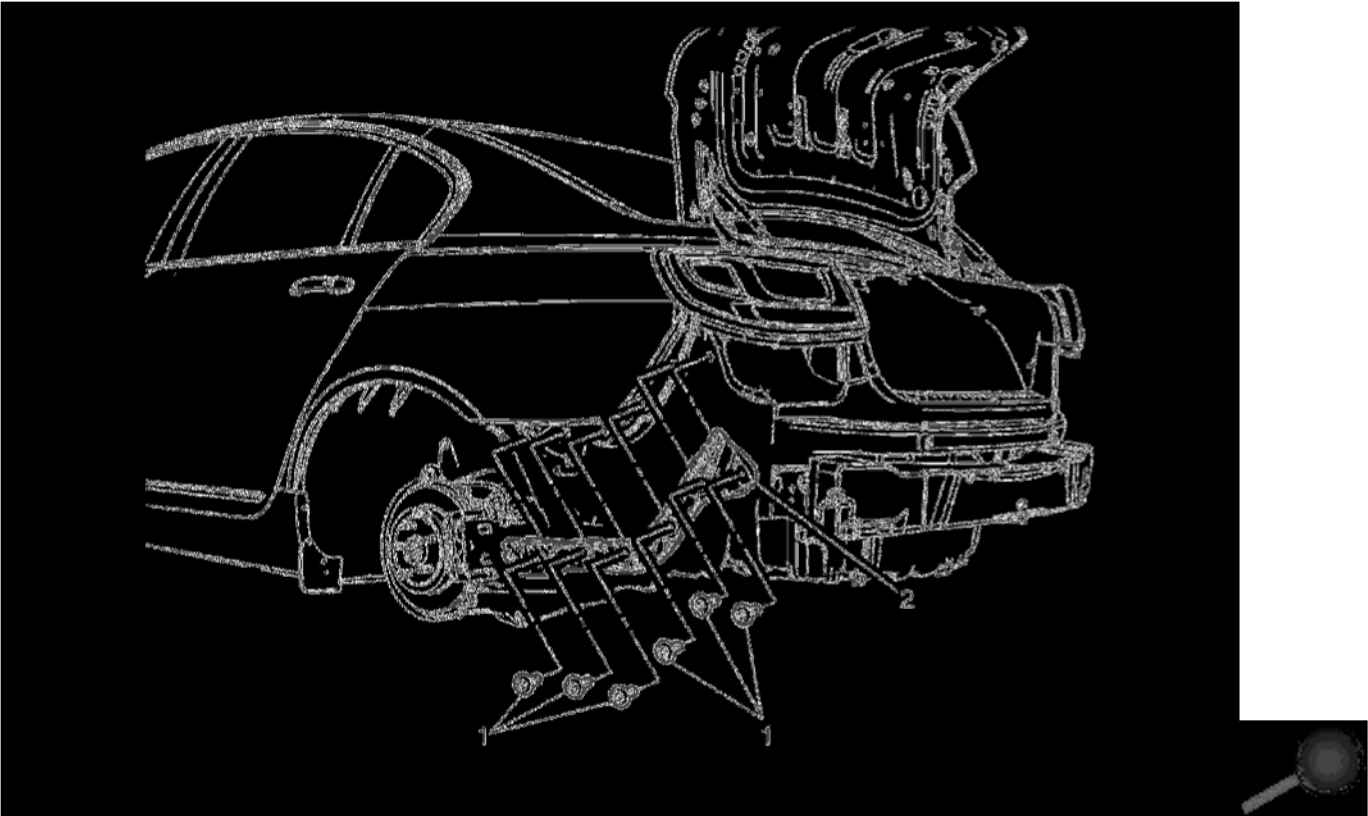


Rear Bumper Fascia Guide Replacement

Callout	Component Name
Warning: Refer to Eye Protection Warning. Preliminary Procedure © 2014 General Motors. All rights reserved. 1. Remove the rear bumper fascia. Refer to Rear Bumper Fascia Replacement. 2. Remove the rear bumper fascia support. Refer to Rear Bumper Fascia Support Replacement	

1	Rear Bumper Fascia Guide Rivet (Qty: 2) Note: Careful not to damage the rear bumper fascia support, they both share one rivet.
2	Rear Bumper Fascia Guide Screws (Qty 2)
3	Rear Bumper Fascia Guide 1. Slide the guide down under the rear bumper fascia support.

Rear Bumper Fascia Guide Replacement (Short Wheelbase)

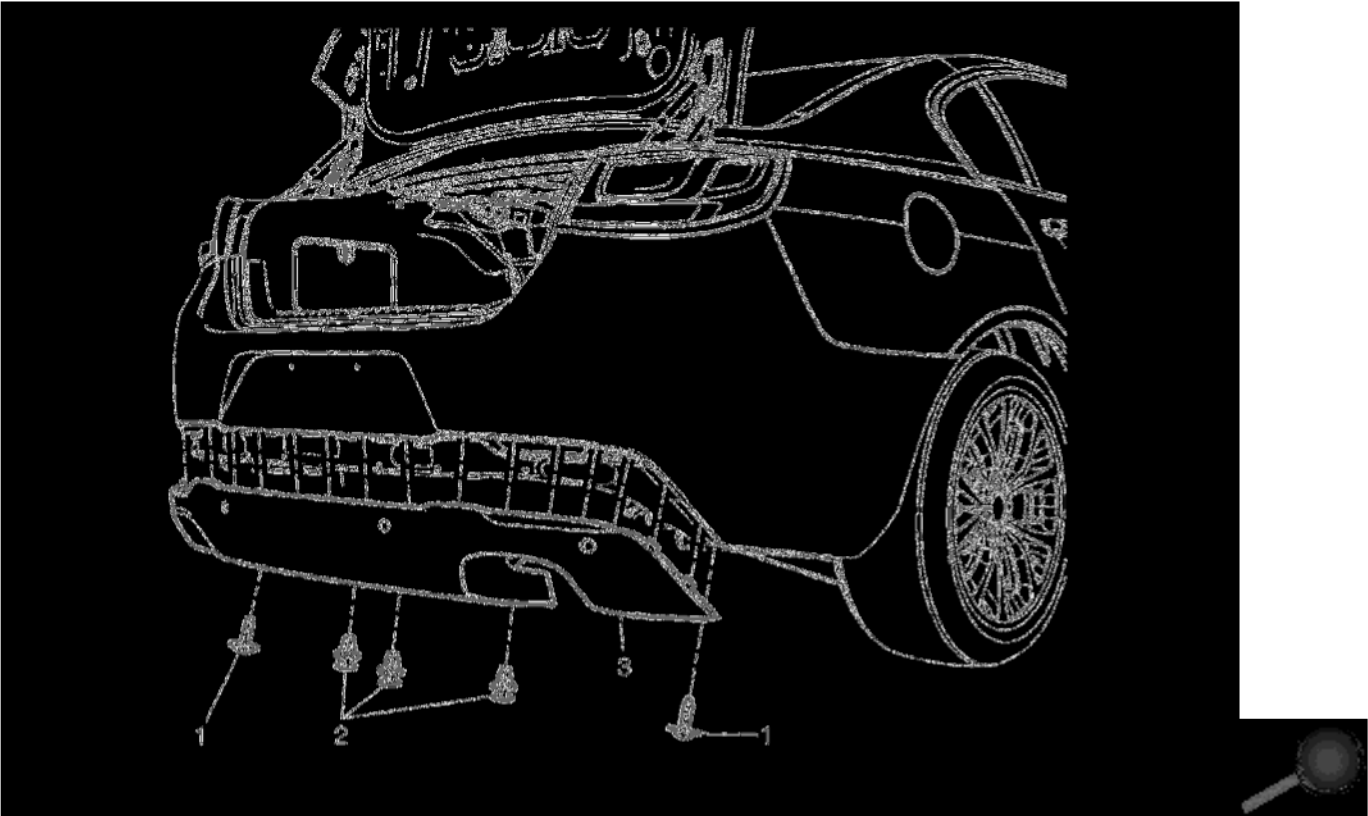


Rear Bumper Fascia Guide Replacement

Callout	Component Name
Warning: Refer to Eye Protection Warning. Preliminary Procedure Remove the rear bumper fascia. Refer to Rear Bumper Fascia Replacement. © 2014 General Motors. All rights reserved.	
1	Rear Bumper Fascia Guide Rivet (Qty: 6)

2	Rear Bumper Fascia Guide
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Rear Bumper Fascia Extension Replacement (Short Wheelbase Sedan without HSV)

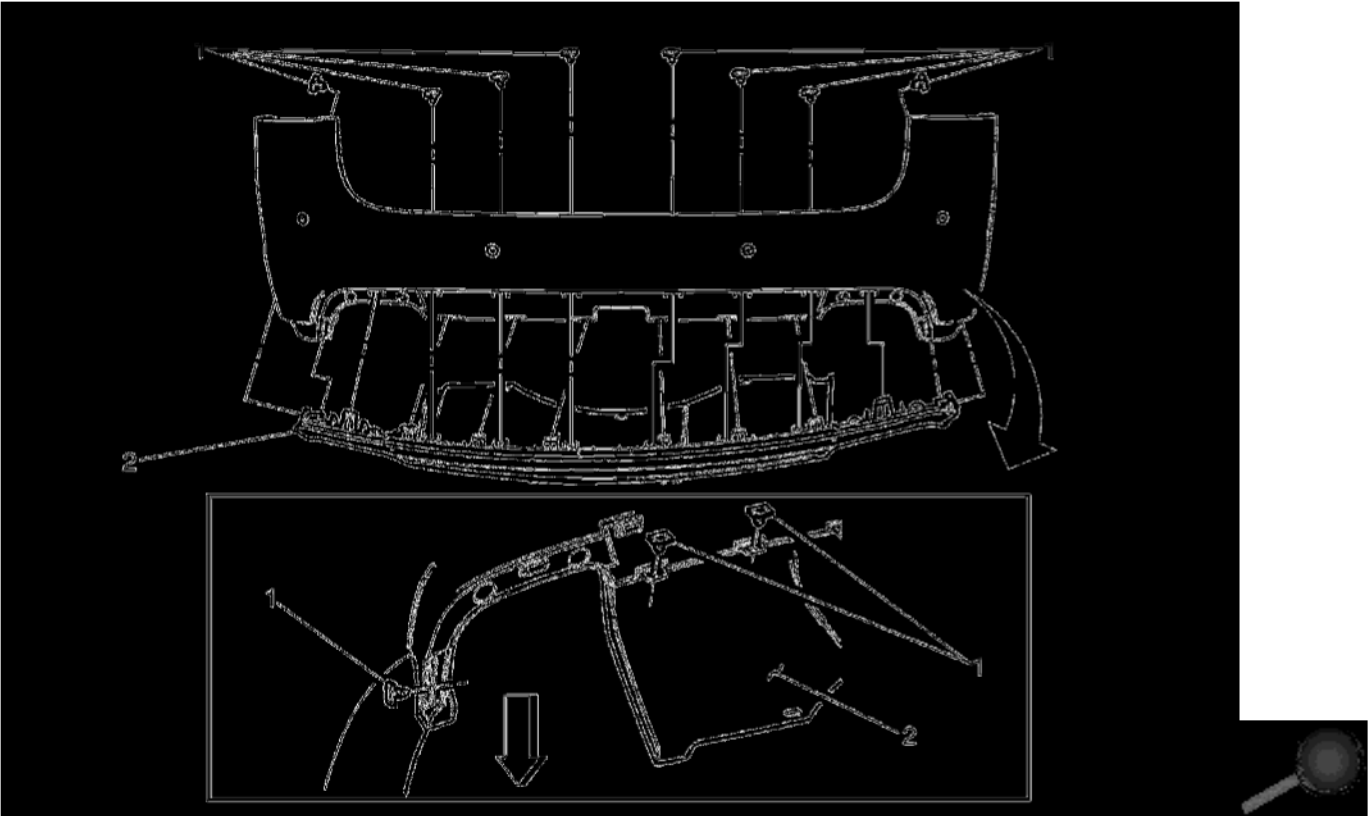


Rear Bumper Fascia Extension Replacement

Callout	Component Name
Preliminary Procedure	
1. Raise and support the vehicle. Refer to Lifting and Jacking the Vehicle © 2014 General Motors. All rights reserved.	

1	Rear Bumper Fascia Extension Bolt (Qty: 2) Caution: Refer to Fastener Caution .
2	Rear Bumper Fascia Extension Retainer Push In (Qty: 3)
3	Rear Bumper Fascia Extension Procedure Carefully push a small nylon wedge between the fascia and the fascia extension. Insert a small flat-bladed tool into the fascia slot and depress the snaps one at a time and pull on the fascia at the same time to gradually remove the fascia extension from the fascias.

Rear Bumper Fascia Extension Replacement (Sportwagon)

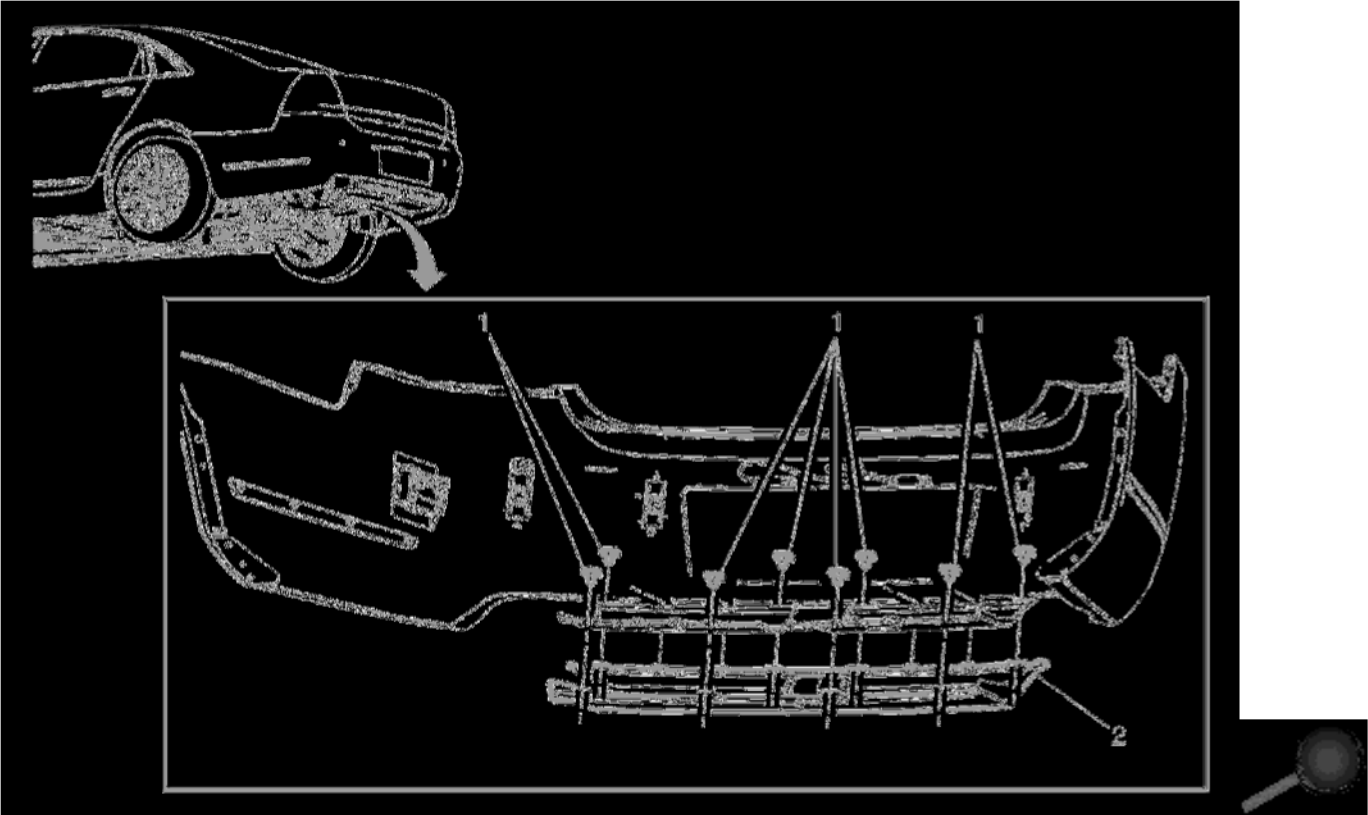


Rear Bumper Fascia Extension Replacement

Callout	Component Name
Preliminary Procedure	
1. Remove the rear bumper fascia. Refer to Rear Bumper Fascia Replacement . © 2014 General Motors. All rights reserved.	
1	Rear Bumper Fascia Extension Retainer Push In (Qty: 8)

2	Rear Bumper Fascia Extension Procedure Carefully push a small nylon wedge between the fascia and the fascia extension. Insert a small flat-bladed tool into the fascia slot and depress the snaps one at a time and pull on the fascia at the same time to gradually remove the fascia extension from the fascias.
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Rear Bumper Fascia Extension Replacement (Long Wheelbase)

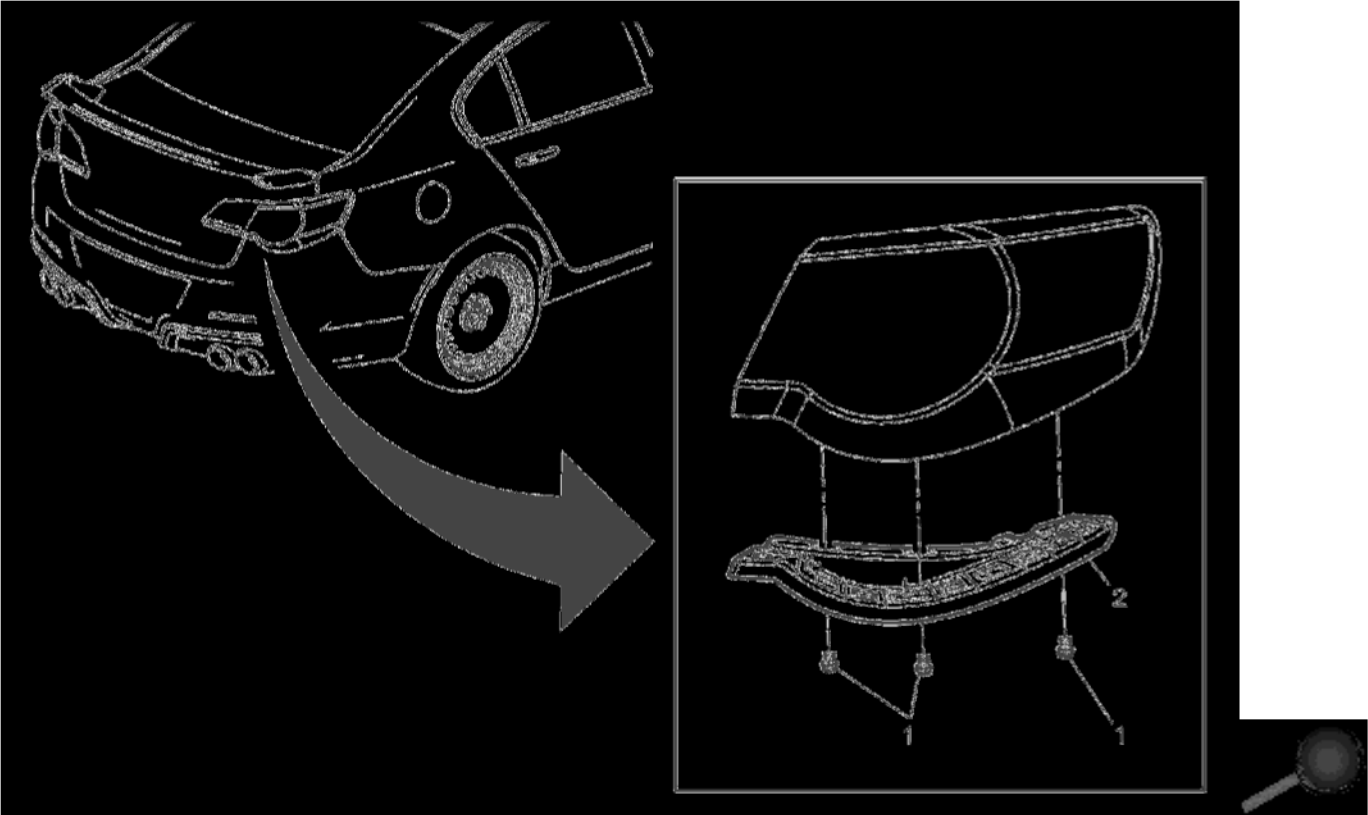


Rear Bumper Fascia Extension Replacement

Callout	Component Name
Preliminary Procedure	
1. Remove the rear bumper fascia. Refer to Rear Bumper Fascia Replacement . 2. Place the bumper fascia face down on a clean protected surface.	

1	Rear Bumper Fascia Extension Retainer (Qty: 8)
2	Rear Bumper Fascia Extension Procedure Carefully push the rear bumper fascia extension tabs through the rear bumper fascia tab slots. Be care fully not to damage the tabs, these are only serviced as part of the extension.

Rear Bumper Fascia Support Replacement (Short Wheelbase)

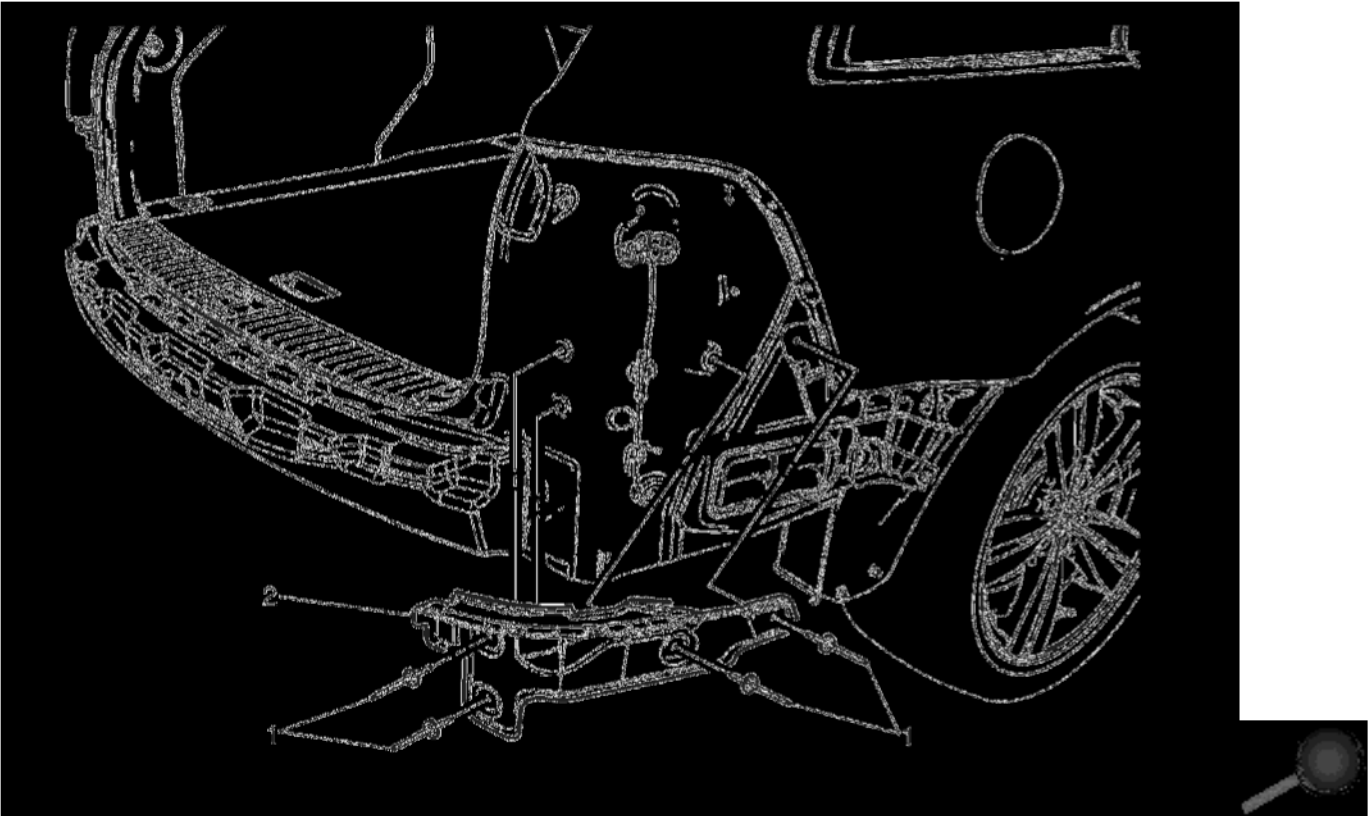


Rear Bumper Fascia Support Replacement

Callout	Component Name
Preliminary Procedures	
1. Remove the rear bumper fascia. Refer to Rear Bumper Fascia Replacement . All rights reserved.	
2. Remove the rear tail lamp. Refer to Tail Lamp Replacement .	

1	Rear Bumper Fascia Support Bolt (Qty: 3) Caution: Refer to Fastener Caution . Tighten 2.5 N•m (22 lb in)
2	Rear Bumper Fascia Support

Rear Bumper Fascia Support Replacement (Sportwagon)



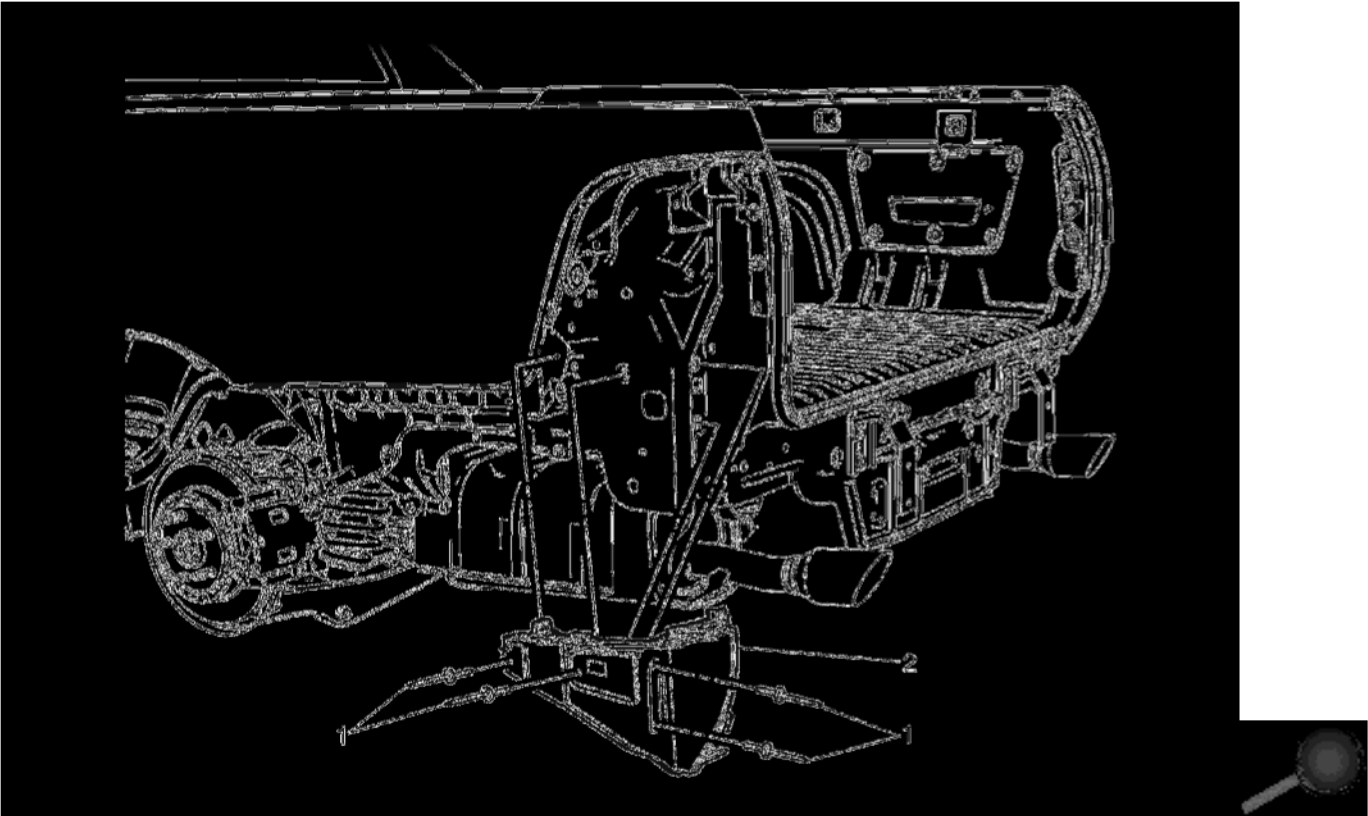
Rear Bumper Fascia Support Replacement

Callout	Component Name
Warning: Refer to Eye Protection Warning. Preliminary Procedures 1. Remove the rear bumper fascia. Refer to Rear Bumper Fascia Replacement. 2. Remove the rear tail lamp. Refer to Tail Lamp Replacement.	

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1	Rear Bumper Fascia Support Rivet (Qty: 4) Note: Careful not to damage the rear bumper fascia guide, they both share one rivet.
2	Rear Bumper Fascia Support

Rear Bumper Fascia Support Replacement (Ute)



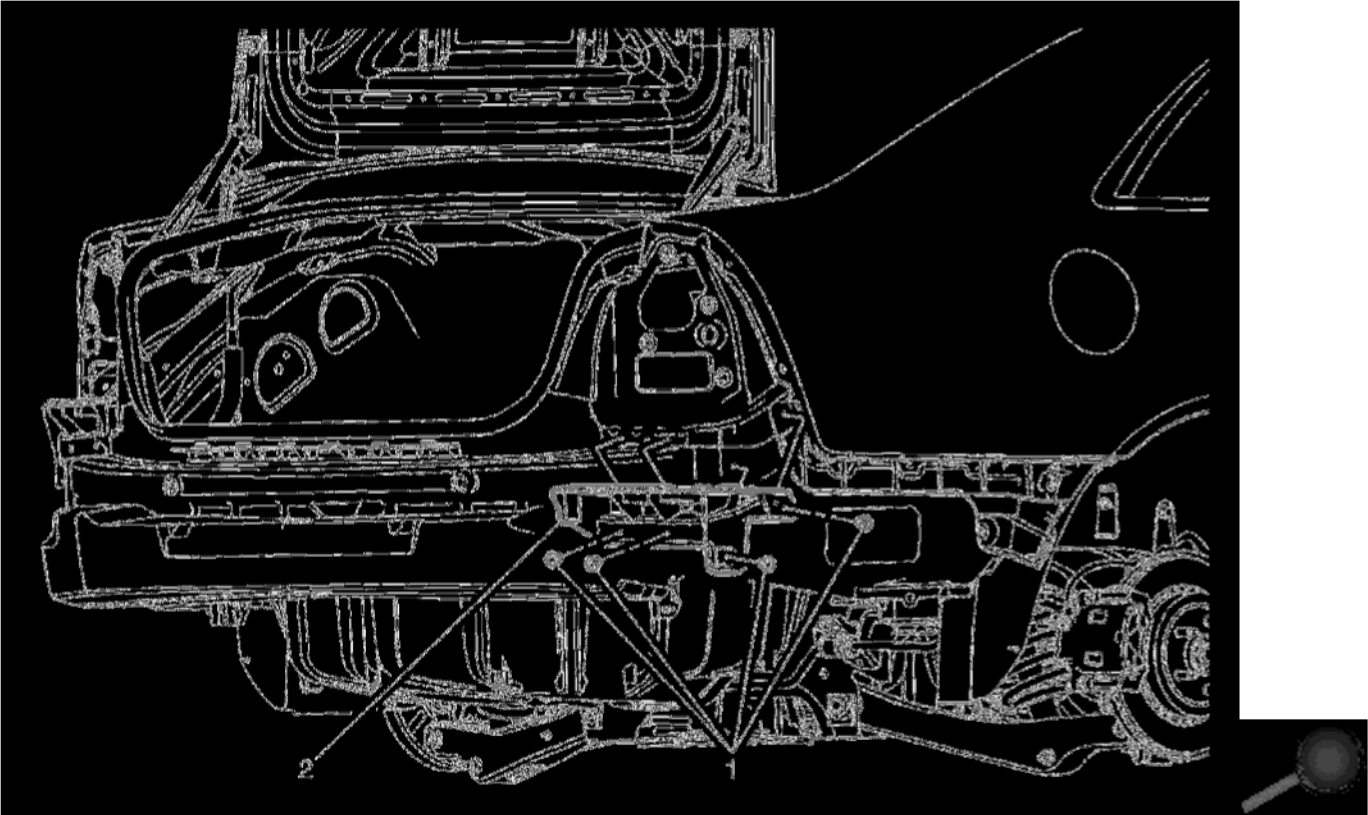
Rear Bumper Fascia Support Replacement

Callout	Component Name
Warning: Refer to Eye Protection Warning. Preliminary Procedure 1. Remove the rear bumper fascia. Refer to Rear Bumper Fascia Replacement 2. Remove the rear tail lamp. Refer to Tail Lamp Replacement	

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1	Rear Bumper Fascia Support Rivet (Qty: 4) Note: Careful not to damage the rear bumper fascia guide, they both share one rivet.
2	Rear Bumper Fascia Support

Rear Bumper Fascia Support Replacement (Long Wheelbase)



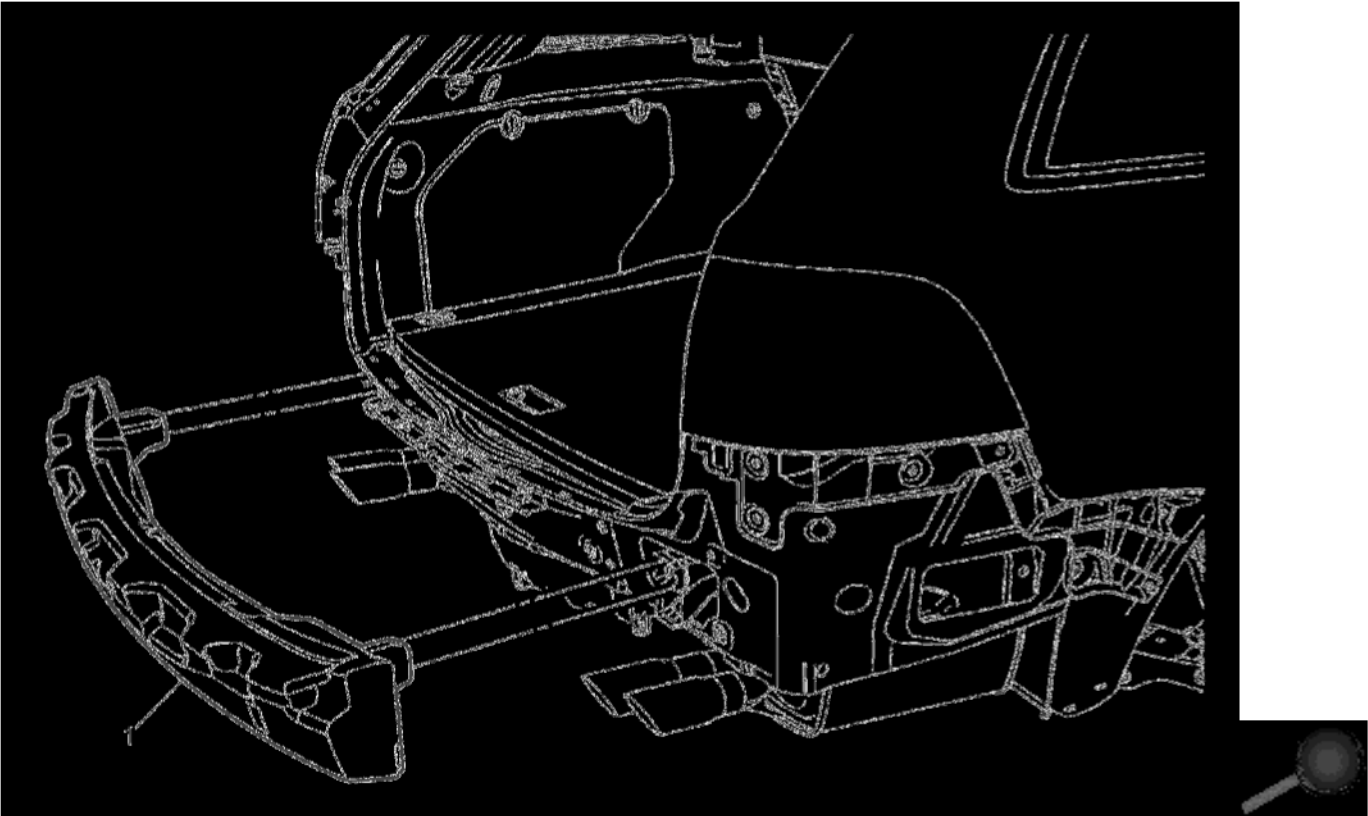
Rear Bumper Fascia Support Replacement

Callout	Component Name
Warning: Refer to Eye Protection Warning. Preliminary Procedures 1. Remove the rear bumper fascia. Refer to Rear Bumper Fascia Replacement 2. Remove the rear tail lamp. Refer to Tail Lamp Replacement	

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1	Rear Bumper Fascia Support Rivet (Qty: 4) Note: Careful not to damage the rear bumper fascia guide, they both share one rivet.
2	Rear Bumper Fascia Support

Rear Bumper Fascia Energy Absorber Replacement (Sportwagon)



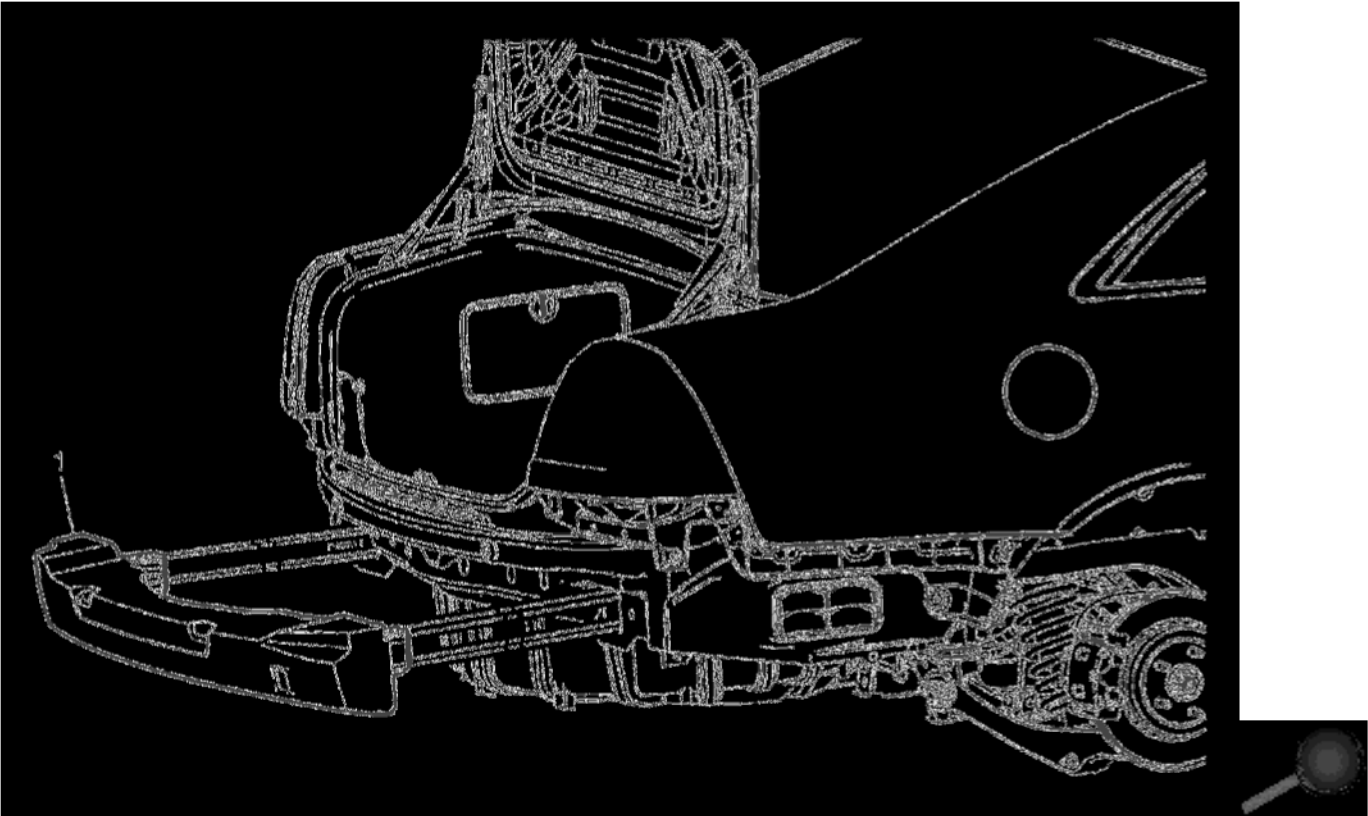
Rear Bumper Fascia Energy Absorber Replacement

Callout	Component Name
Preliminary Procedure Remove the rear bumper fascia. Refer to Rear Bumper Fascia Replacement .	
	© 2014 General Motors. All rights reserved.
	Rear Bumper Energy Absorber Procedure

1

1. The rear bumper energy absorber is a interference fit. Carefully move the rear bumper fascia energy absorber up and down, right to left while pulling straight backwards.

Rear Bumper Fascia Energy Absorber Replacement (Long Wheelbase)



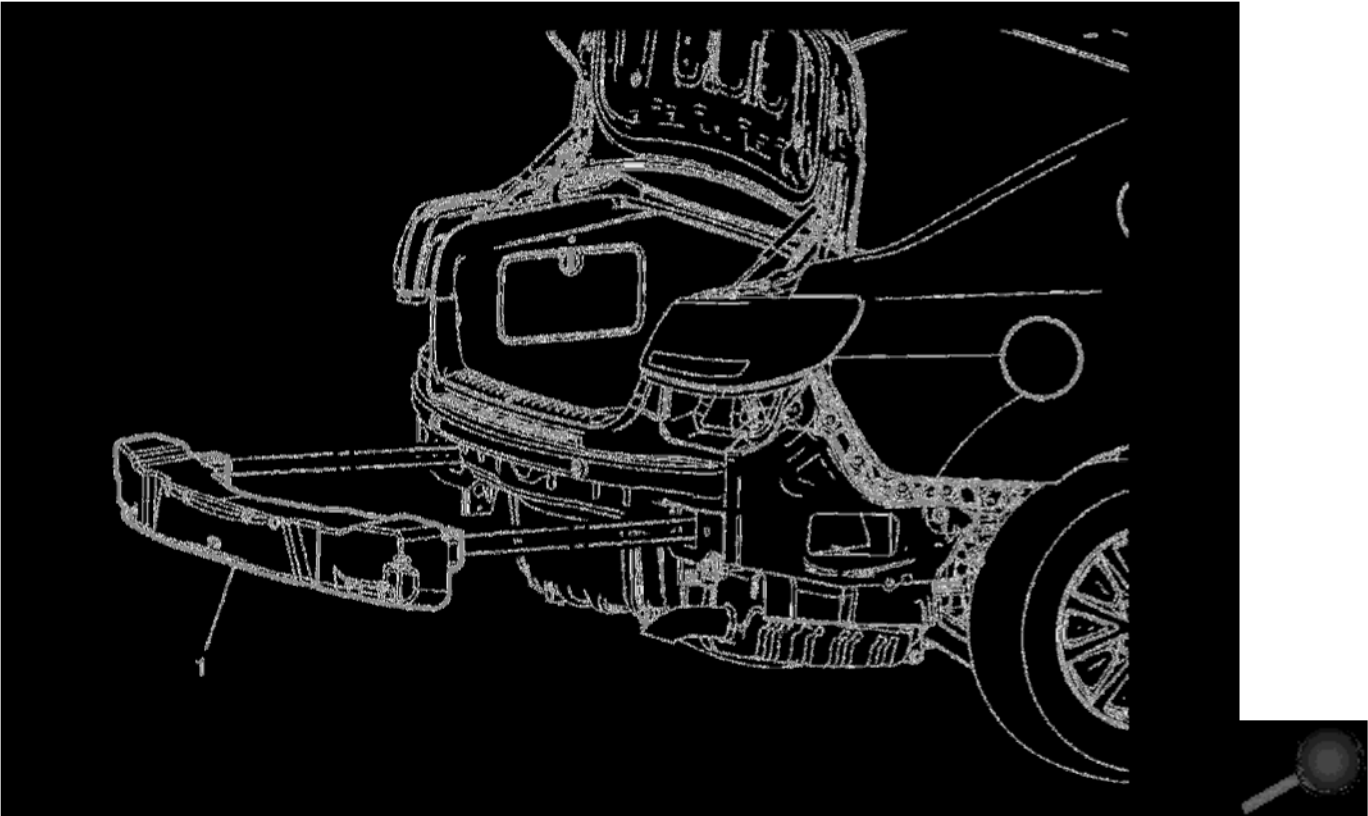
Rear Bumper Fascia Energy Absorber Replacement

Callout	Component Name
Preliminary Procedure Remove the rear bumper fascia. Refer to Rear Bumper Fascia Replacement .	
	© 2014 General Motors. All rights reserved. Rear Bumper Energy Absorber Procedure

1

1. The rear bumper energy absorber is a interference fit. Carefully move the rear bumper fascia energy absorber up and down, right to left while pulling straight backwards.

Rear Bumper Fascia Energy Absorber Replacement (Short Wheelbase)



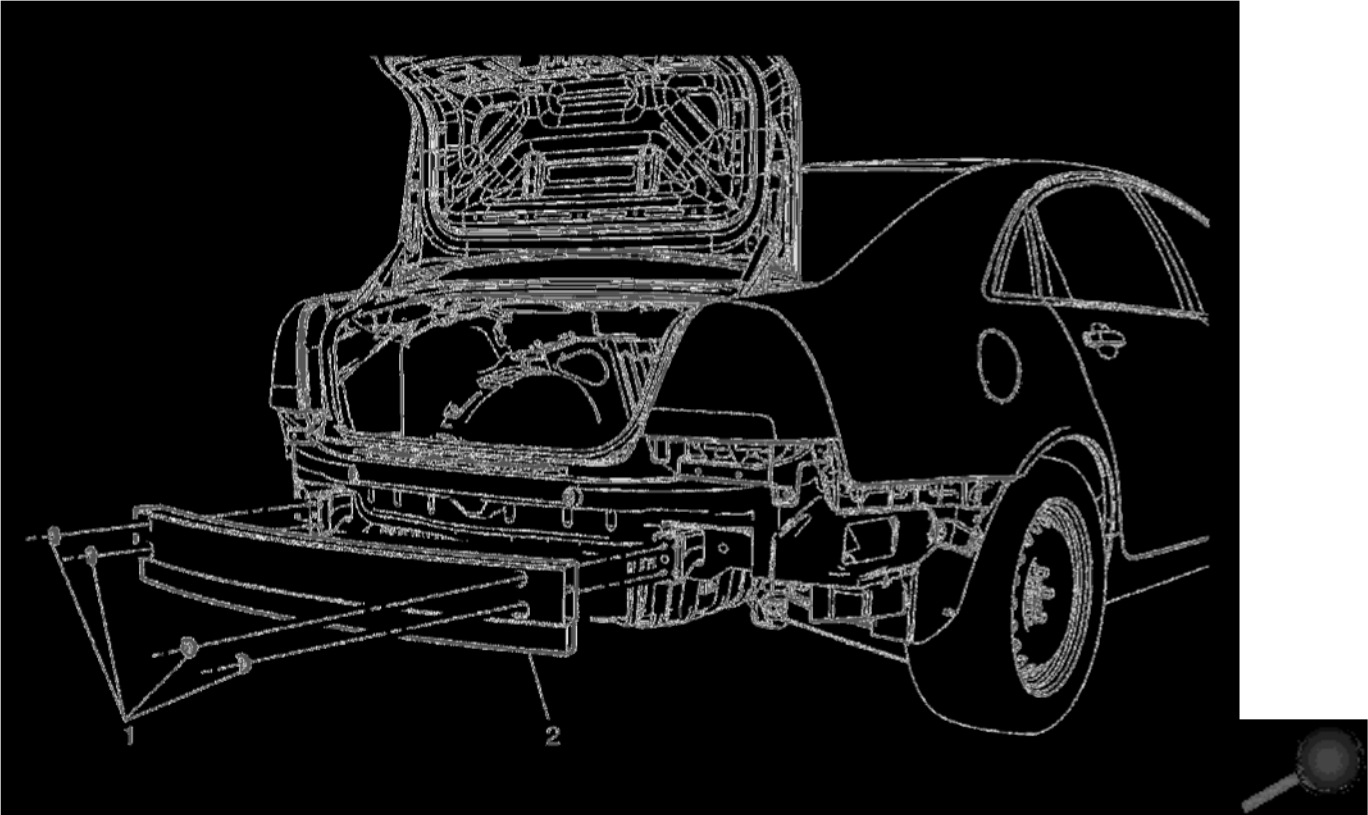
Rear Bumper Fascia Energy Absorber Replacement

Callout	Component Name
Preliminary Procedure Remove the rear bumper fascia. Refer to Rear Bumper Fascia Replacement .	
	© 2014 General Motors. All rights reserved. Rear Bumper Energy Absorber Procedure

1

1. The rear bumper energy absorber is a interference fit. Carefully move the rear bumper fascia energy absorber up and down, right to left while pulling straight backwards.

Rear Bumper Impact Bar Replacement (Long Wheelbase)

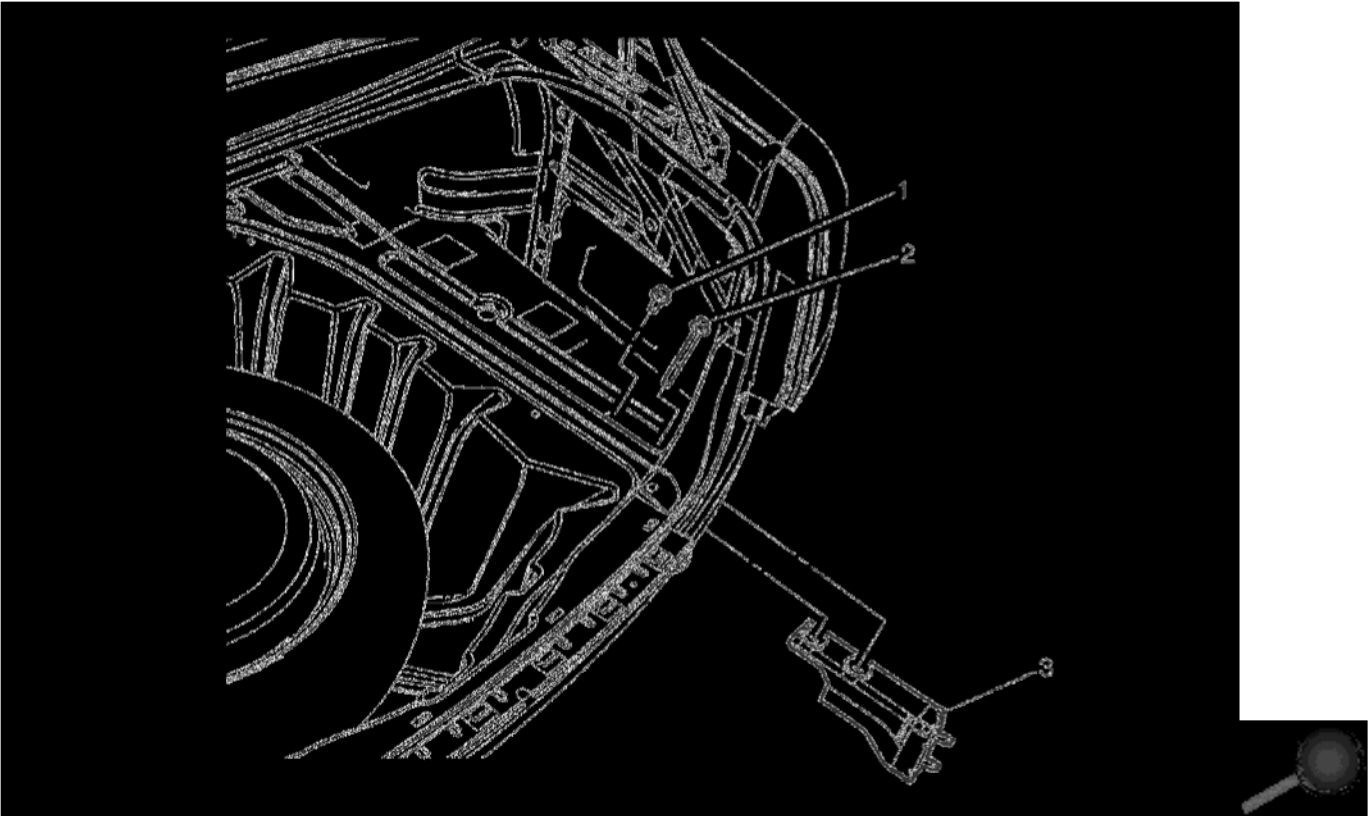


Rear Bumper Impact Bar Replacement

Callout	Component Name
Preliminary Procedure Remove the rear bumper fascia. Refer to Rear Bumper Fascia Replacement .	
	Rear Bumper Impact Bar Nut (Qty: 4) Caution: Refer to Fastener Caution .

1	Tighten 22 N•m (16 lb ft)
2	Rear Bumper Impact Bar

Rear Bumper Impact Bar Bracket Replacement (Long Wheelbase)

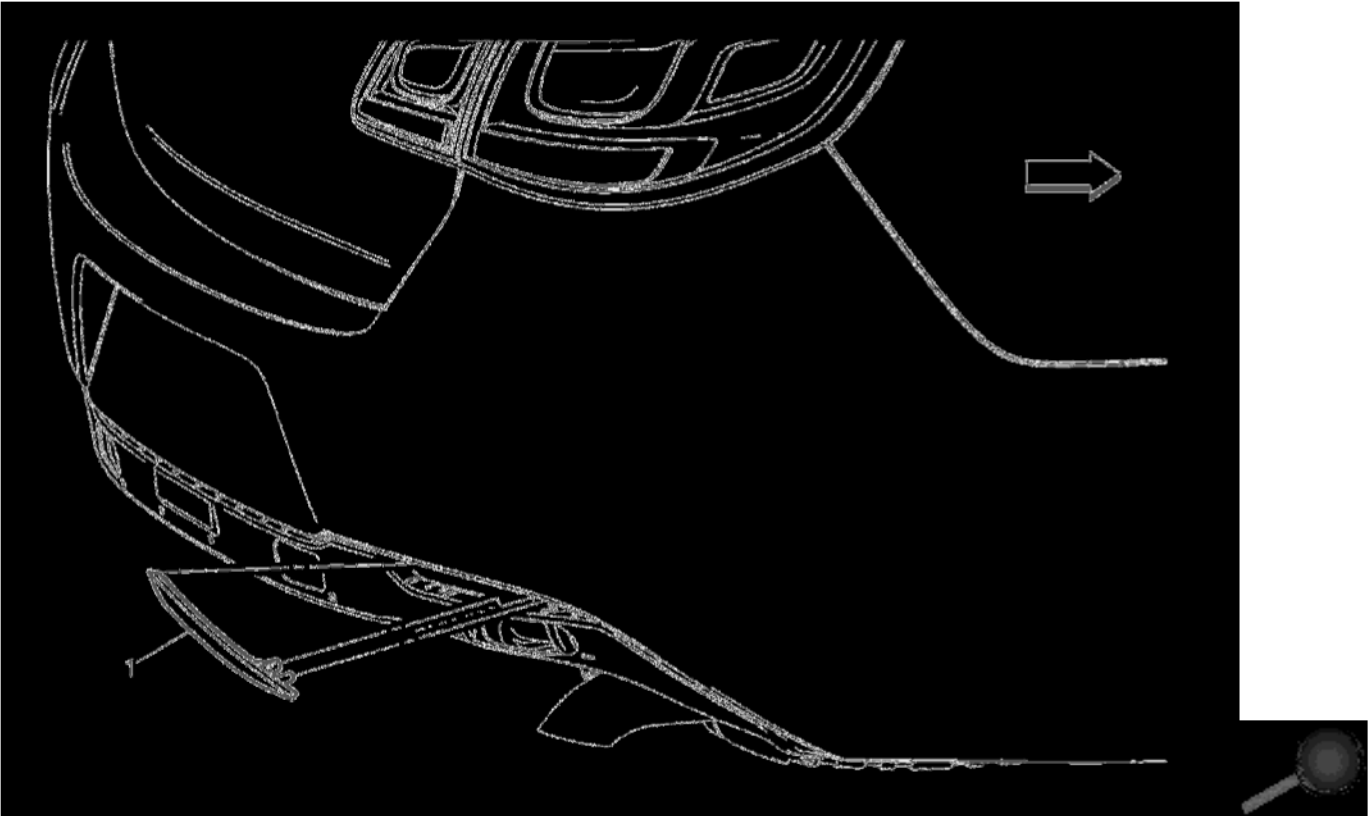


Rear Bumper Impact Bar Bracket Replacement

Callout	Component Name
Preliminary Procedure Remove the rear bumper impact bar brace. Refer to Rear Bumper Fascia Replacement	
	© 2014 General Motors. All rights reserved. Rear Bumper Impact Bar Bracket Short Bolt Caution: Refer to Fastener Caution .

1	Tighten 25 N•m (18 lb ft)
2	Rear Bumper Impact Bar Bracket Long Bolt Tighten 25 N•m (18 lb ft)
3	Rear Bumper Impact Bar Bracket

Rear Bumper Fascia Reflector Replacement (Sportwagon)

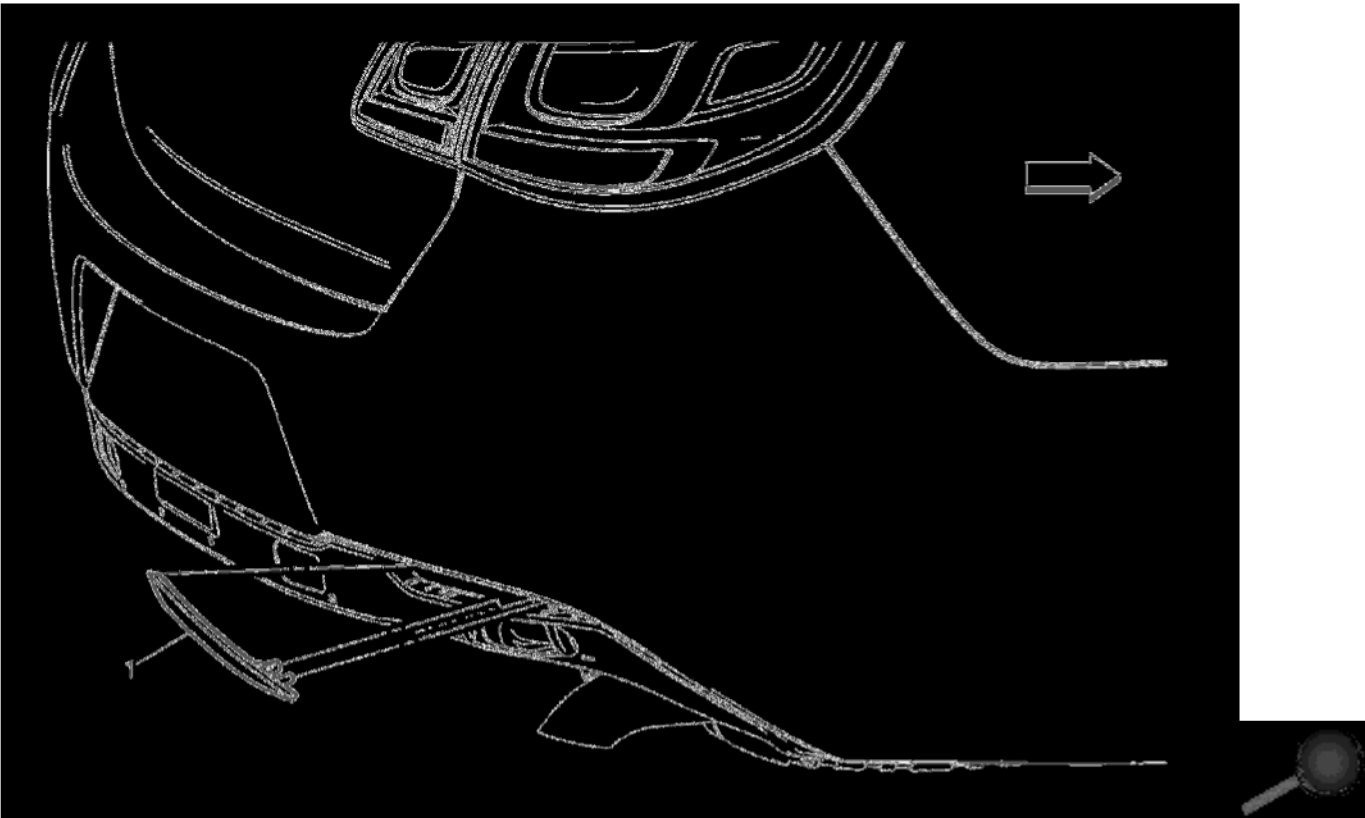


Rear Bumper Fascia Reflector Replacement

Callout	Component Name
Preliminary Procedure Remove the rear fascia. Refer to Rear Bumper Fascia Extension Replacement . © 2014 General Motors. All rights reserved.	
1	Rear Bumper Fascia Reflector Screw Caution: Refer to Fastener Caution .

2	Rear Bumper Fascia Reflector
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Rear Bumper Fascia Reflector Replacement (Short Wheelbase Sedan without HSV)



Rear Bumper Fascia Reflector Replacement

Callout	Component Name
Preliminary Procedure Remove the rear fascia. Refer to Rear Bumper Fascia Extension Replacement .	

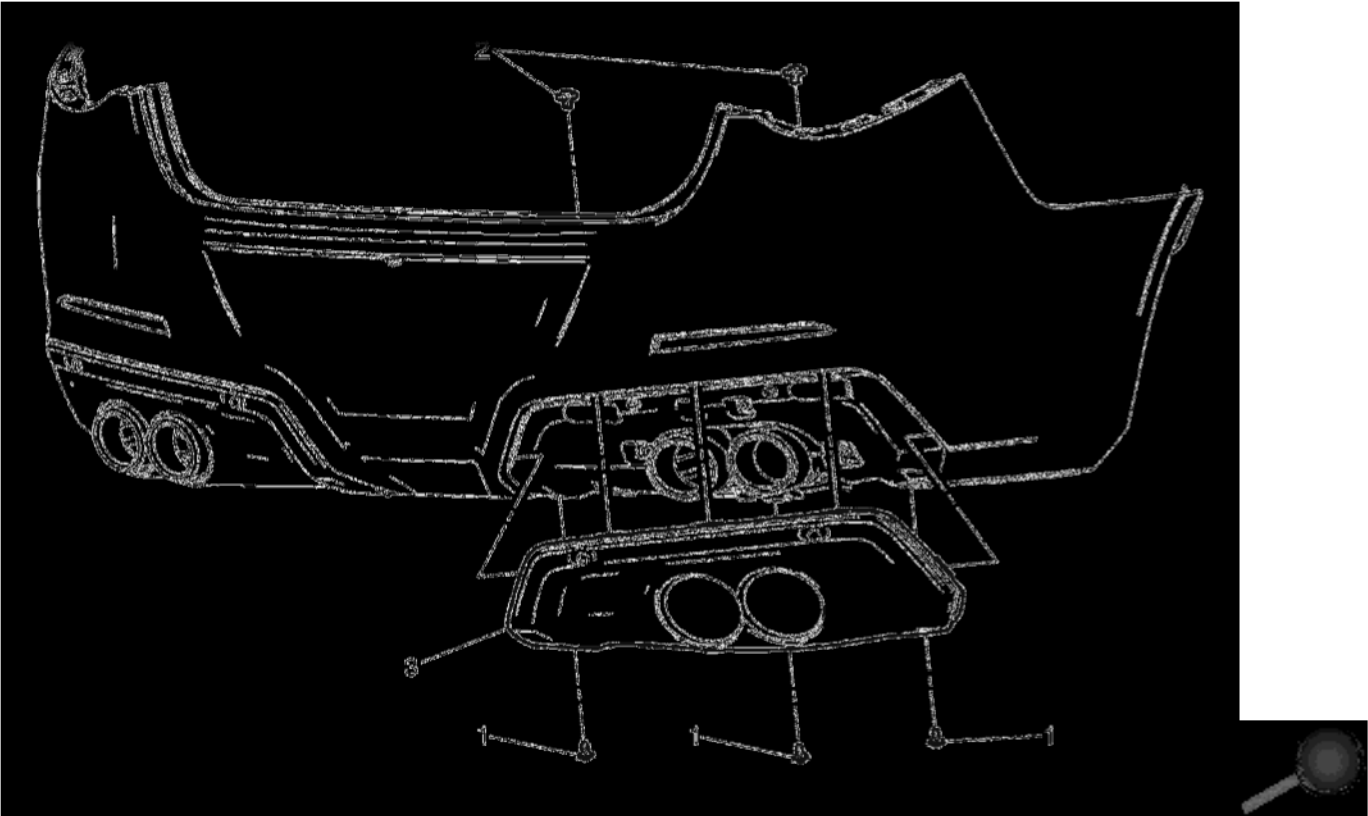
1

Rear Bumper Fascia Reflector

Procedure

Release the retainer and remove the reflector.

Rear Bumper Fascia Insert Replacement (Short Wheelbase HSV)



Rear Bumper Fascia Insert Replacement

Callout	Component Name
Warning: Refer to Eye Protection Warning. Preliminary Procedure Remove the rear bumper fascia. Refer to Rear Bumper Fascia Replacement. © 2014 General Motors. All rights reserved.	
	Rear Bumper Fascia Insert Bolt (Qty: 3)

1	Caution: Refer to Fastener Caution .
2	Rear Bumper Fascia Insert Scrivets (Qty: 2)
3	Rear Bumper Lower Fascia Procedure 1. Place the bumper fascia face down on a clean protected surface. 2. Release the five retaining tabs.

Fastener Tightening Specifications

Fastener Tightening Specifications

Application	Specification	
	Metric	English
Charge Air Cooler Bracket Bolt	9 N•m	80 lb in
Front Air Deflector Bolt	3 N•m	27 lb in
Front Bumper Fascia Extension Bolt	17 N•m	13 lb ft
Front Bumper Fascia Extension Screws	2.5 N•m	22 lb in
Front Bumper Fascia to Impact Bar Bolt	2.5 N•m	22 lb in
Front Bumper Fascia Lower Bolt (Caprice)	10 N•m	89 lb in
Front Bumper Fascia Lower Bolt (Sedan, Ute, Sportwagon, Lumina, Omega, HSV GTS)	10 N•m	89 lb in
Front Bumper Fascia Reinforcement Bolt	2.5 N•m	22 lb in
Front Bumper Fascia Upper Bolt	2.5 N•m	22 lb in
Front Bumper Impact Bar Bolt	22 N•m	16 lb ft
Front Bumper Impact Bar Bolt (Caprice)	9 N•m	80 lb in
Front Bumper Lower Impact Bar Fastener	2.5 N•m	22 lb in

Radiator Opening Upper Cover Bolts	4.5 N•m	40 lb in
Rear Bumper Fascia Extension to Rear Bumper Fascia Bolt	2 N•m	18 lb in
Rear Bumper Fascia Insert Bolt (HSV, GTS)	2.5 N•m	22 lb in
Rear Bumper Fascia Molding	2.5 N•m	22 lb in
Rear Bumper Fascia to Rear Quarter Panel Bolt	2 N•m	18 lb in
Rear Bumper Fascia to Rear Wheelhouse Bolt	2 N•m	18 lb in
Rear Bumper Fascia Reflector to Rear Bumper Fascia Bolt	2 N•m	18 lb in
Rear Bumper Fascia Support Bolt	2.5 N•m	22 lb in
Rear Bumper Impact Bar Bracket Long Bolt (Caprice)	25 N•m	18 lb ft
Rear Bumper Impact Bar Bracket Short Bolt (Caprice)	25 N•m	18 lb ft
Rear Bumper Impact Bar Nut	22 N•m	16 lb ft