

Document ID: 3828504

Trailer Hitch Platform Package Installation

Installation Instructions Part Number

23455634

Hitch Capacity**Trailer Weight Rating:**1500 lb. (Specific to this vehicle)**Tongue Weight:** 10-15% of trailer weight up to 500lb..

Use as weight carrying only.

Warning: Although this hitch is designed to safely tow its rated load, we recommend that you consult your vehicle owner's manual for possible manufacturer's recommendations or limitation. Be sure your trailer has safety chains and that each chain will hold the trailer's maximum gross weight.

Kit Contents

Qty	Description
1	Platform Assembly – Trailer Hitch
1	Harness
1	Harness Hardware Pack (Bracket & M4 Fasteners)
2	Relay
4	Bolts
2	Reinforcement Plates
6	Threaded Adhesive Nuts
1	Installation Instructions

Tools Required

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Torque wrench

7 mm wrench

M4.2, M10 and M12 sockets

T15 driver

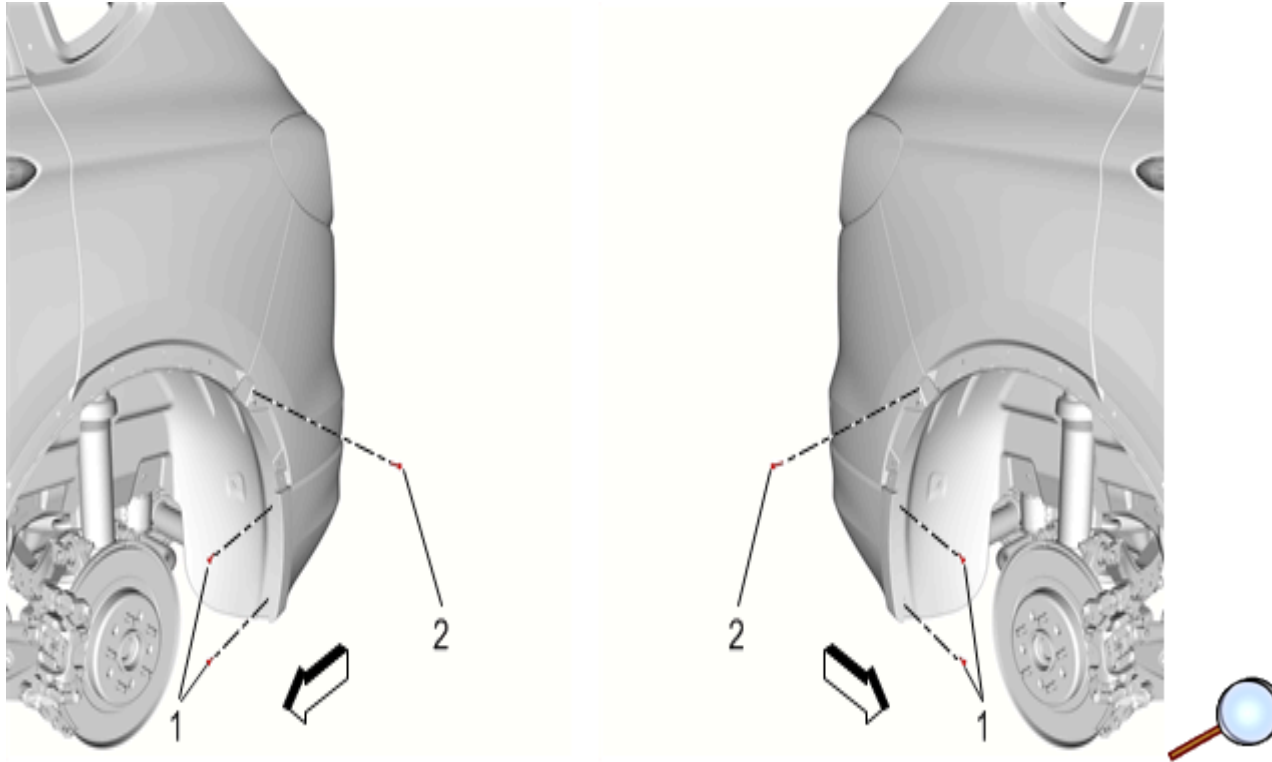
Phillips screw driver

Procedure

Warning:

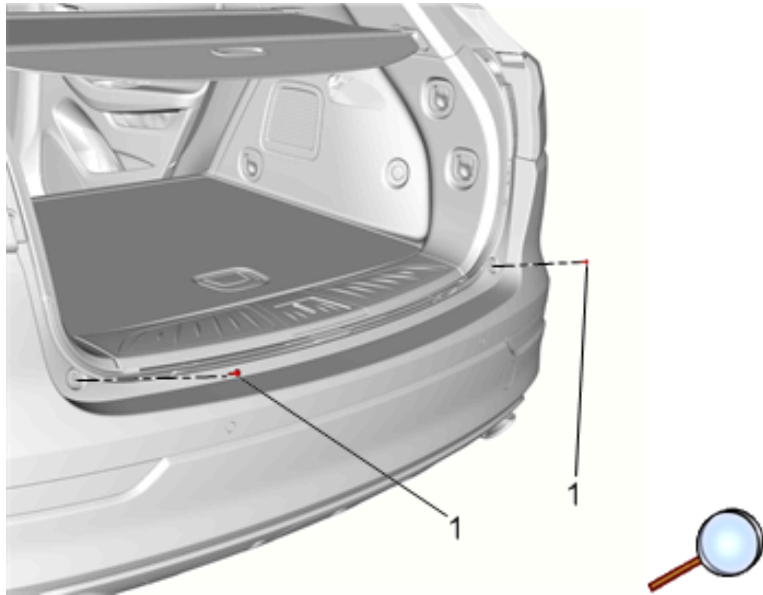
- Wear Safety glasses in order to avoid eye damage.
- In order to avoid being burned, do not service the vehicle while the exhaust system is still hot. Service the vehicle when the exhaust system is cool.

1. Raise and secure the vehicle on hoist.

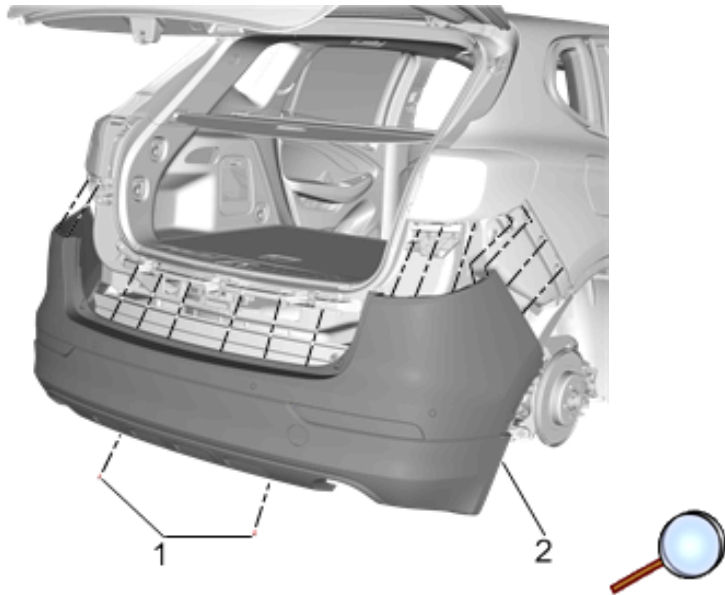


2. Remove the left and right rear wheel opening moldings. Refer to Vehicle Service Manual.
3. Remove the M4.2 screws (1) securing the rear wheelhouse liner to rear fascia.

4. Remove the M4.2 screws (2) securing the fascia to side of vehicle.



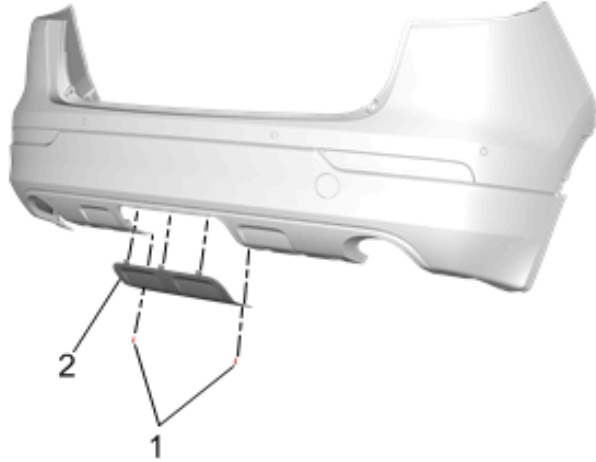
5. Remove the philips screws (1) from the rear upper fascia.



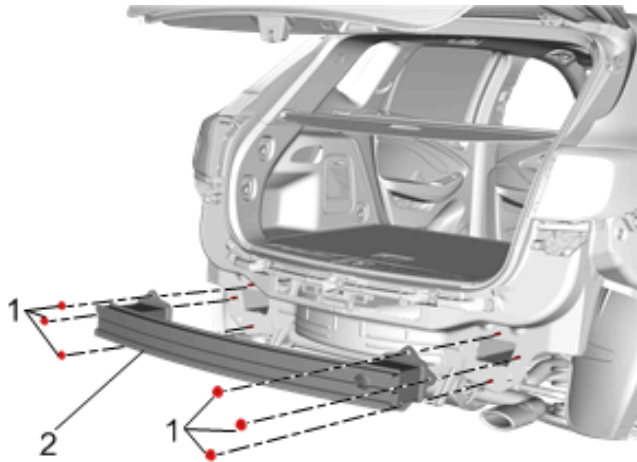
6. Remove the T15 screws (1) from the rear lower fascia.

7. 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 rear fascia (2) from the rear fascia guide.

Disconnect rear bumper fascia harness electrical connections.

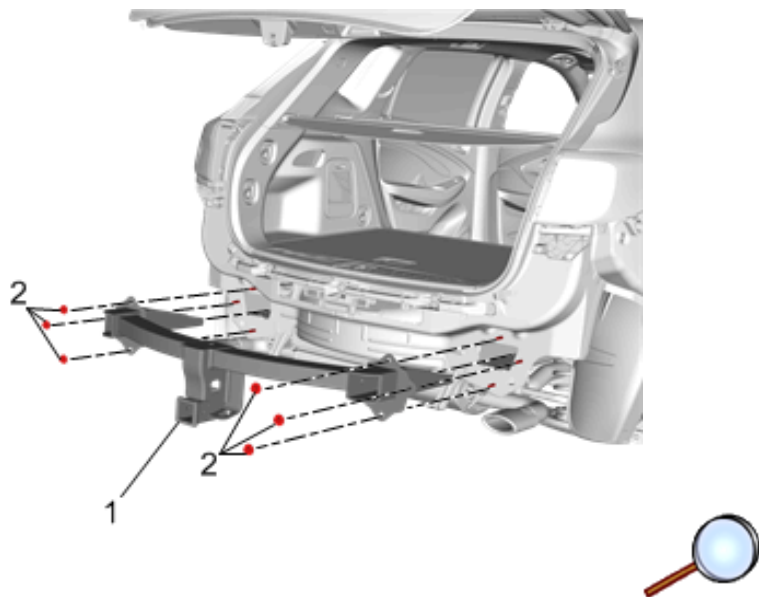


8. Remove the T15 screws, U-nuts (1) and the rear fascia close out panel (2) from the rear fascia.



9. Remove the M10 nuts (1) securing the rear fascia impact bar.

10. Remove the rear fascia impact bar (2) from vehicle.

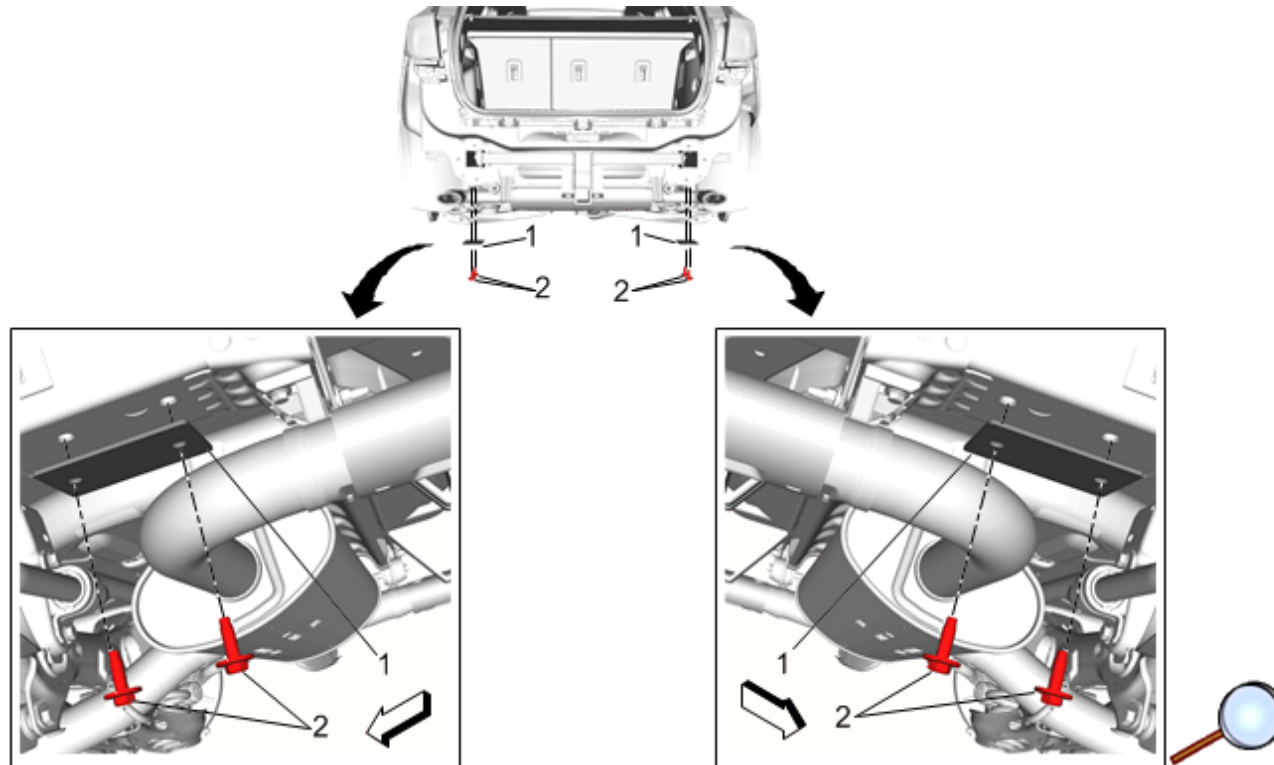


Caution: Use the correct fastener in the correct location. Replacement fasteners must be the correct part number for that application. Fasteners requiring replacement or fasteners requiring the use of thread locking compound or sealant are identified in the service procedure. Do not use paints, lubricants, or corrosion inhibitors on fasteners or fastener joint surfaces unless specified. These coatings affect fastener torque and joint clamping force and may damage the fastener. Use the correct tightening sequence and specifications when installing fasteners in order to avoid damage to parts and systems.

11. With the aid of an assistant, insert the platform assembly – trailer hitch (1) into the body rails. Secure with M10 thread adhesive nuts (2) provided with kit.

Tighten

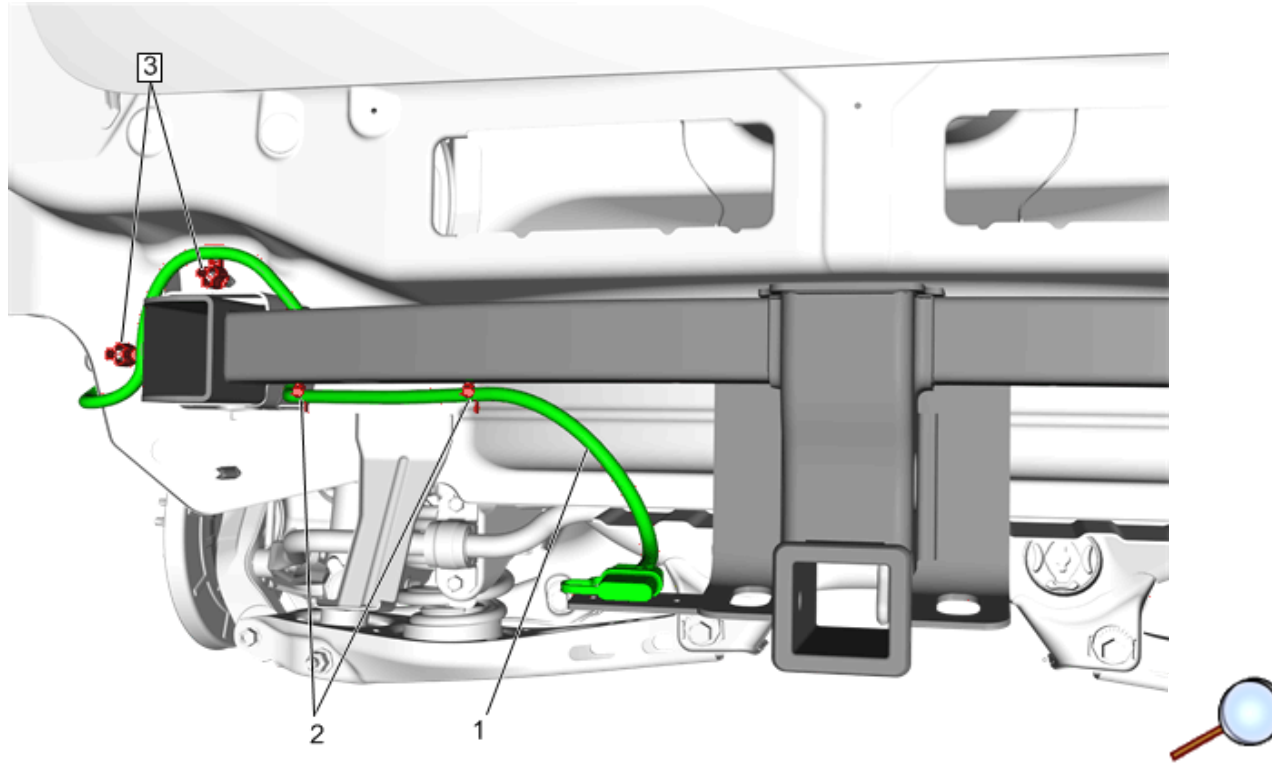
Tighten the M10 nuts to 58 ± 9 N.m (43 ± 6 lb ft).



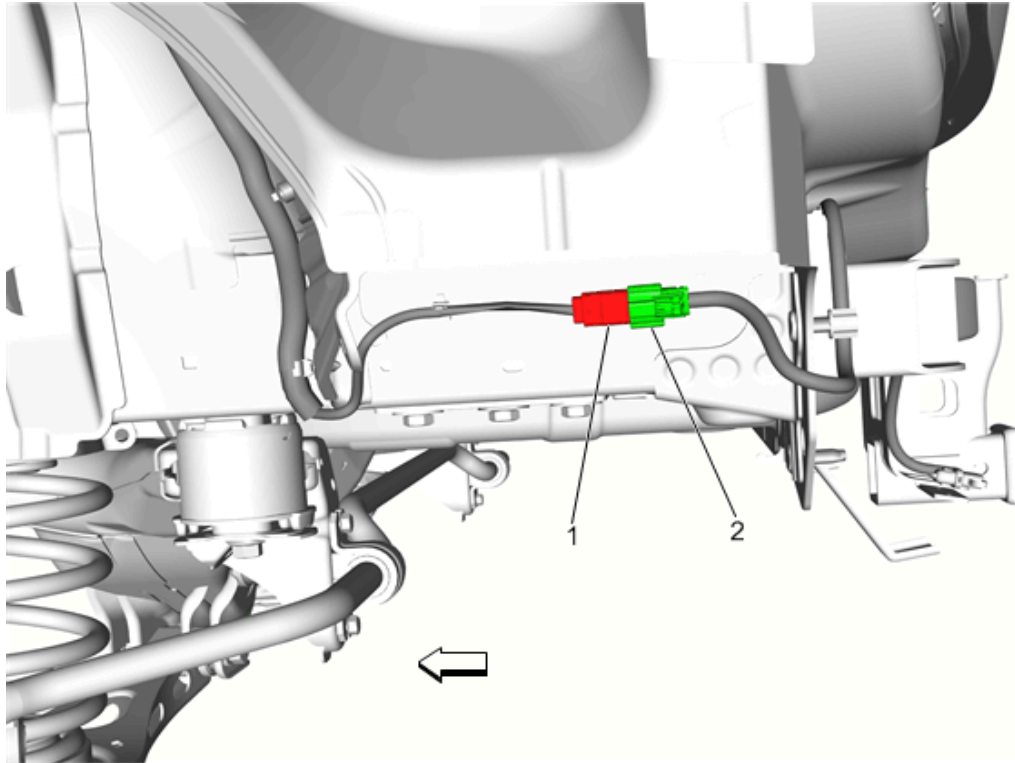
12. Install the reinforcement plates (1) to the under side and secure with the M12 bolts (2).

Tighten

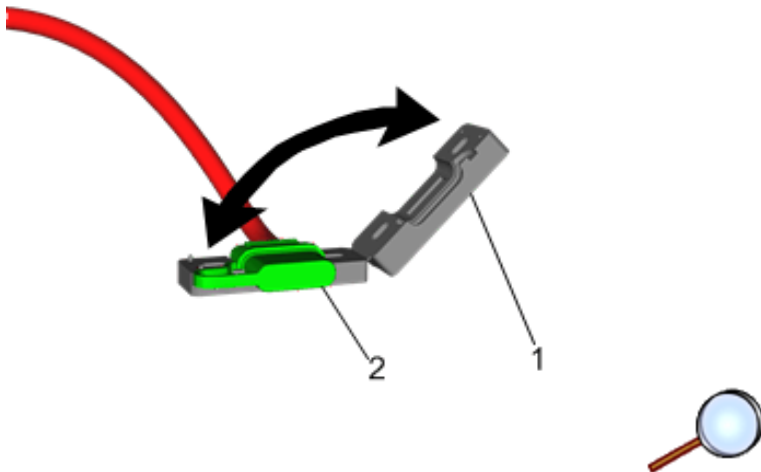
Tighten the M12 bolts to 100 ± 15 N.m (74 ± 11 lb ft).



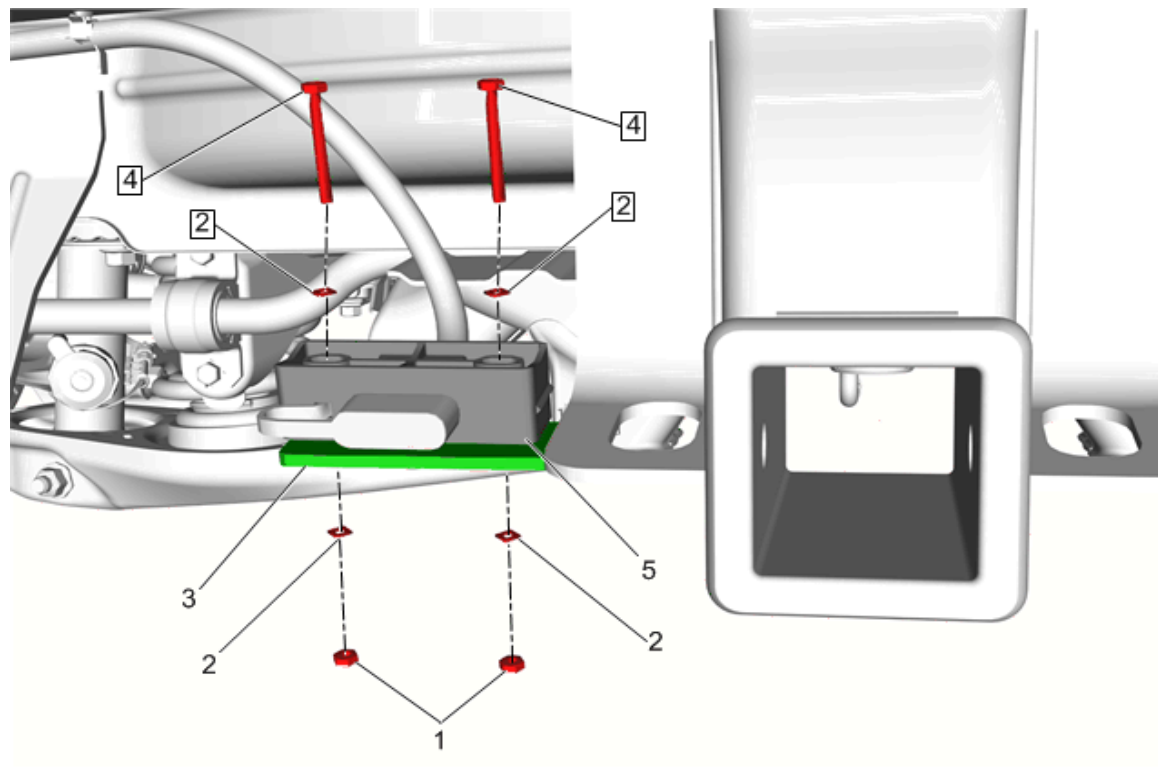
13. After hitch is installed, but before rear bumper fascia is re-installed, route harness (1) as shown and push the two clips (2) into the holes on bottom of the hitch.
14. Press the two barrel clips (3) over ends of the studs.



15. Find the capped connector (1) on the driver's side of the vehicle, remove connector cap and mate trailer harness connector (2).



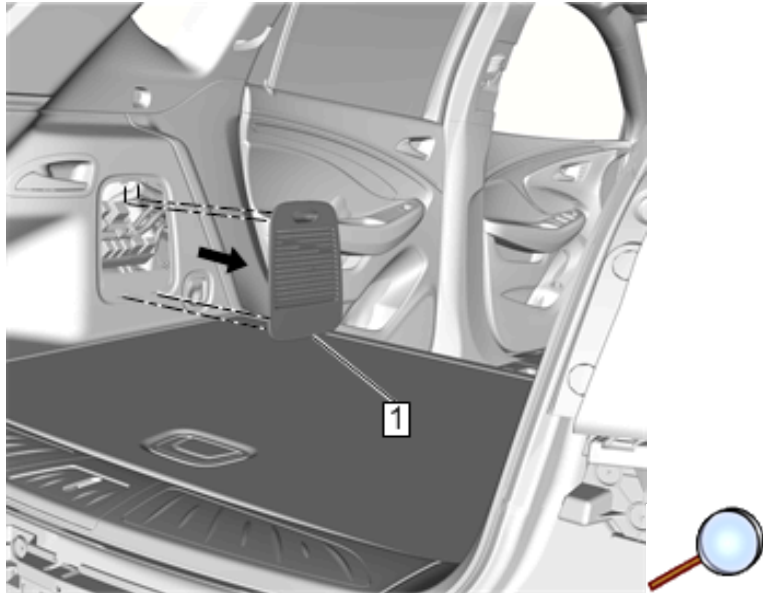
16. Snap clamshell bracket (1) over 4-pin flat connector (2).



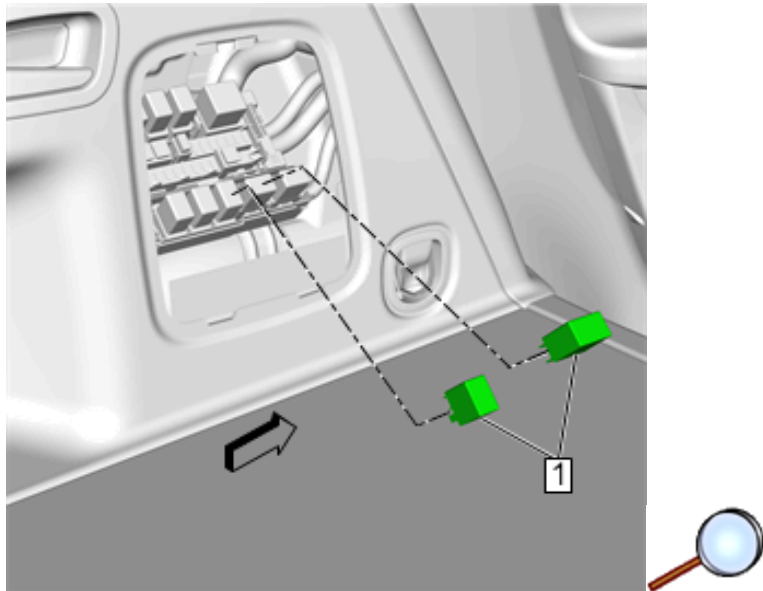
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17. Place bracket flat surface (5) onto hitch plate (3), tether to left.

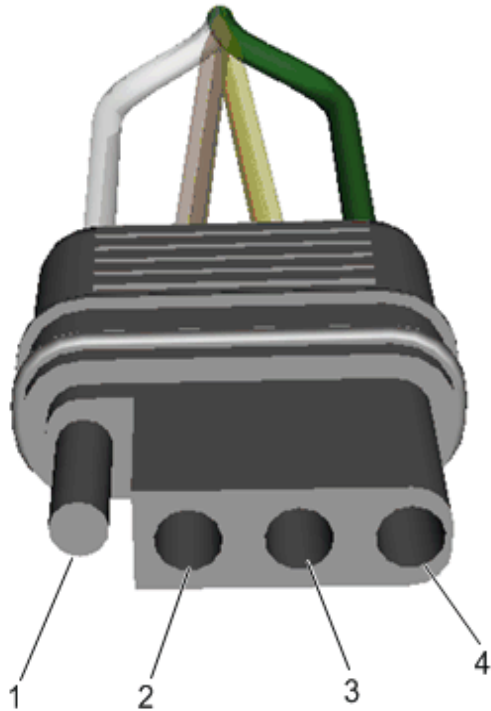
Use two bolts (4), four washers (2) and two nuts (1) to attach bracket to plate. Tighten the nuts until they are just snug; do NOT overtighten as it will distort the plastic bracket. There is Loctite® on the threads to prevent the nuts from coming loose.



18. Remove access panel (1) from the driver's side rear quarter trim panel to expose electrical center.



19. Insert the two relays (1) into the electrical center as shown.



20. Checkout Procedure

- **Option 1** is to check connector circuit function by using a readily available test connector w/LED's as shown. Actuate vehicle tail lamps, left turn signals, right turn signals.
- **Option 2** is to use test light or volt meter.
 - Ground (WHITE wire) is (1) above.
 - Tail lamps (BROWN wire) is (2) above.
 - Left turn signal (YELLOW wire) is (3) above.
 - Right turn signal (GREEN wire) is (4) above.

21. With the aid of an assistant, install the rear fascia in the reverse order that it was removed.