

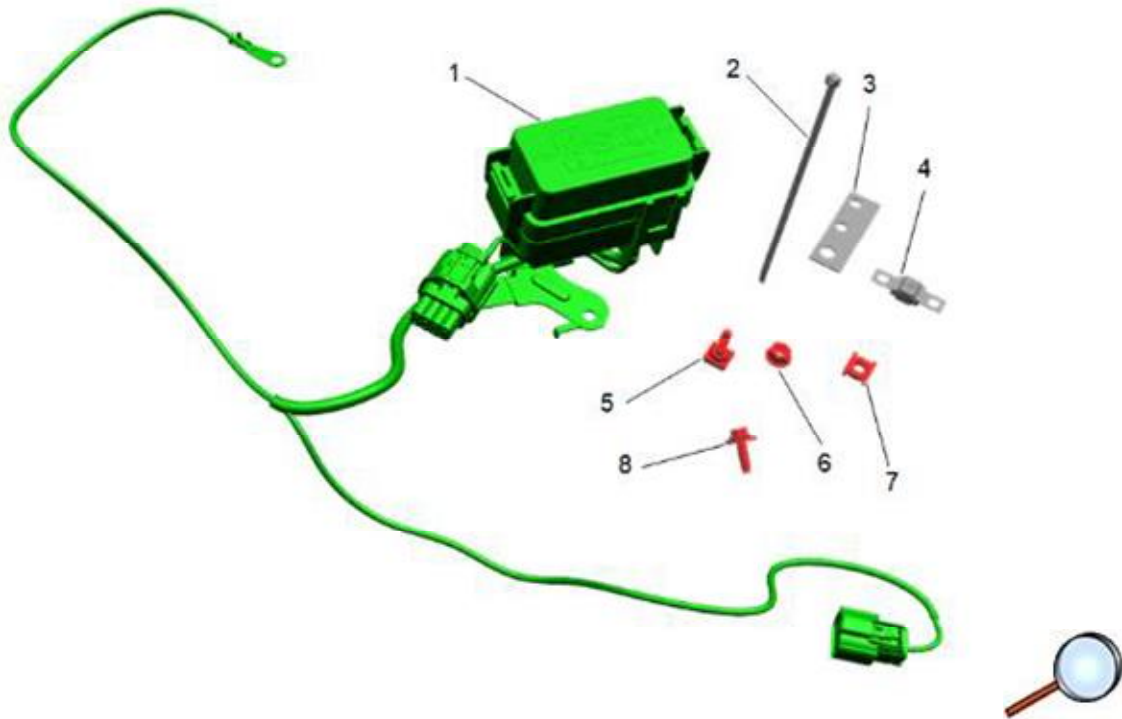
Battery Distribution Engine Compartment Fuse Block Package Installation

Table 1: [Kit Contents](#)

Table 2: [Connector, Wire Color, Fuse and Relay Reference](#)

Installation Instructions Part Number

84926803



© 2024 General Motors. All rights reserved.

Kit Contents

Item	QTY	Description
1	1	Relay Box Assembly
2	8	Tie Straps
3	1	Bus Bar
4	1	60-amp fuse
5	3	M6 slide studs
6	3	M6 nuts
7	1	Isolator

Item	QTY	Description
8	1	Bracket mounting M6 bolt
-	1	Installation Instructions

Preliminary Procedures

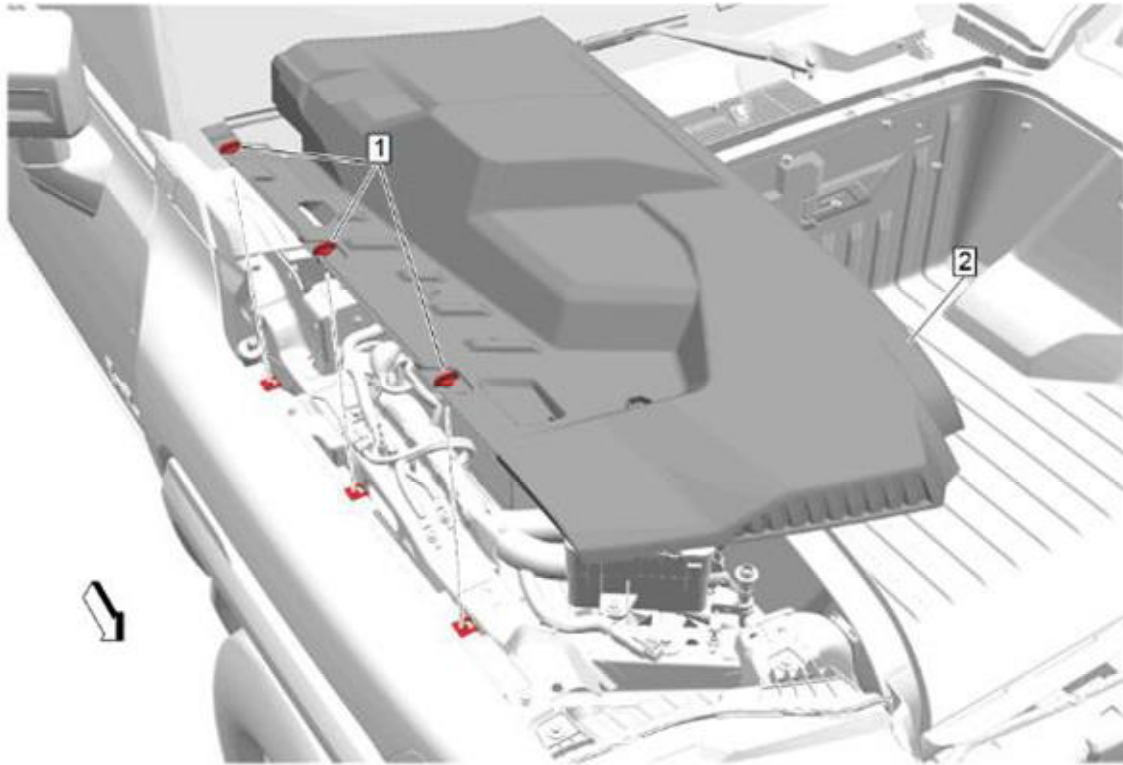
1. Read all instructions before performing procedure.



© 2024 General Motors. All rights reserved.

Note: There are several extra parts you won't use. Please set aside for later to dispose of as they aren't required.

2. Inspect KIT to verify all parts are included.
3. Open hood.

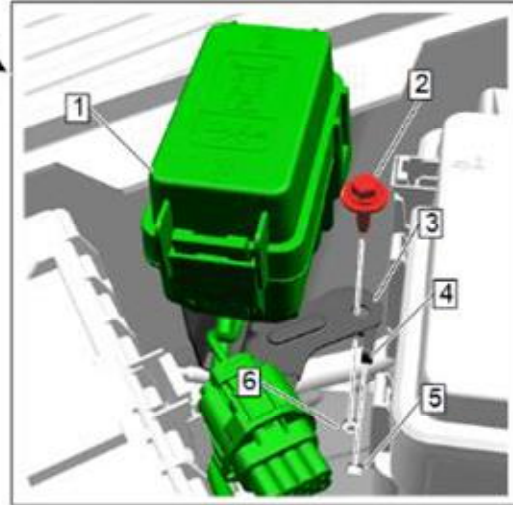
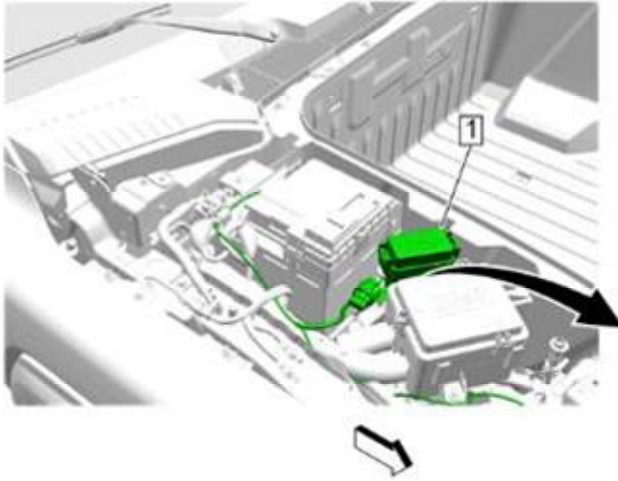


4. Disengage the quarter turn fasteners (1) and remove the right front compartment sight shield (2).

Warning: Always ensure the Battery Maintenance Mode is inactive before disconnecting the low voltage 12 volt battery (or batteries). This mode can be active with the ignition off, regardless of whether the vehicle charging cord is plugged in or not. When this mode is active, the on-board high voltage battery charger(s) will energize the 12 volt battery cables and charge the 12 volt battery (or batteries). Disconnecting any battery cables while this mode is active may result in an electrical shock or a burn from hot battery cable leads.

5. Check the 12 volt battery voltage with a digital multimeter before disconnecting any battery cables leads. If the voltage is 13.5 volts or above, the Battery Maintenance Mode is active. The technician must wait for the T18 battery charger to deactivate before disconnecting the battery negative cable. [Charging System Description and Operation](#)
6. Disconnect the 12 volt negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#) in Vehicle Service Manual.

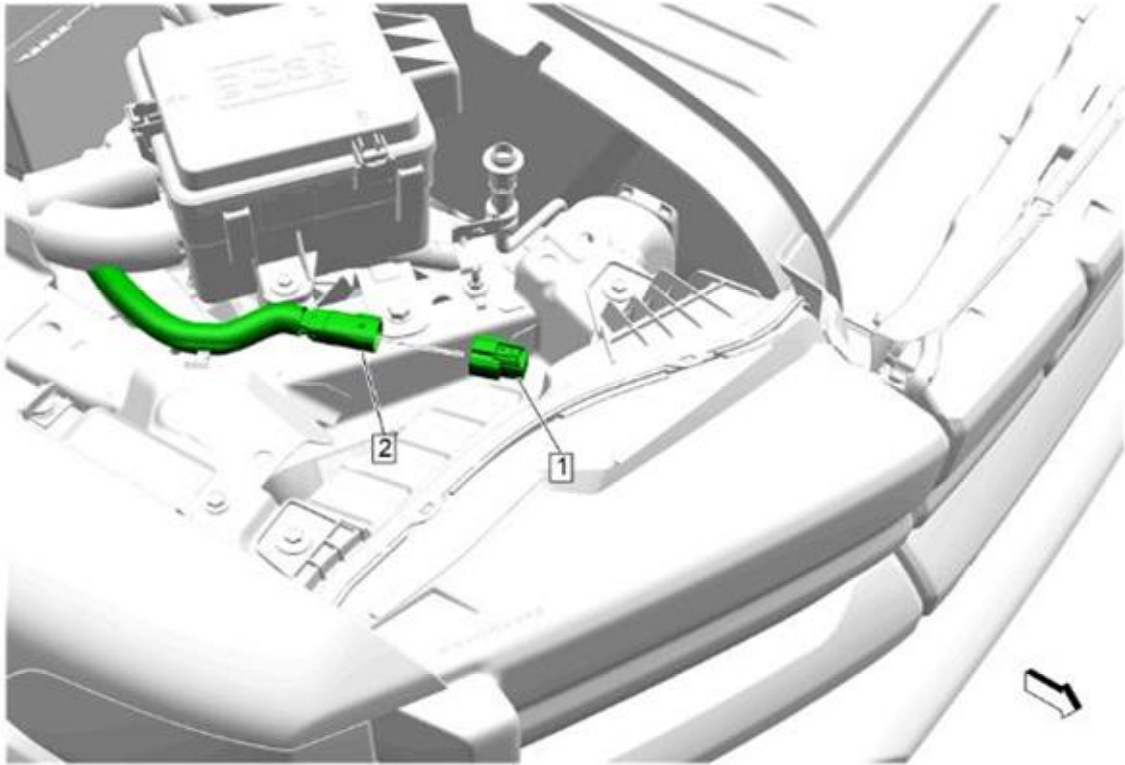
Procedure



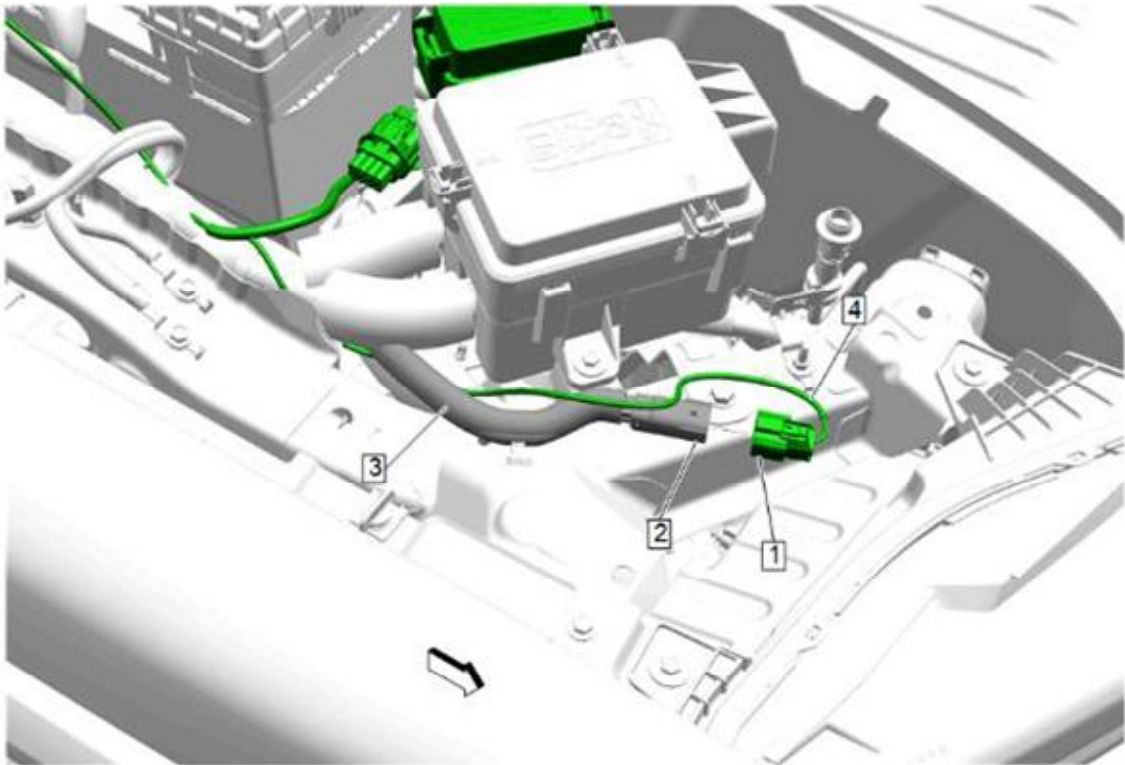
1. Remove relay box assembly (1) from kit and undo taping over wiring and drape wire toward side of vehicle while aligning the relay box bracket with battery tray mounting provisions.
2. Position anti-rotation tab (4) securely in the square hole (5) while aligning the round bolt hole (6).

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.

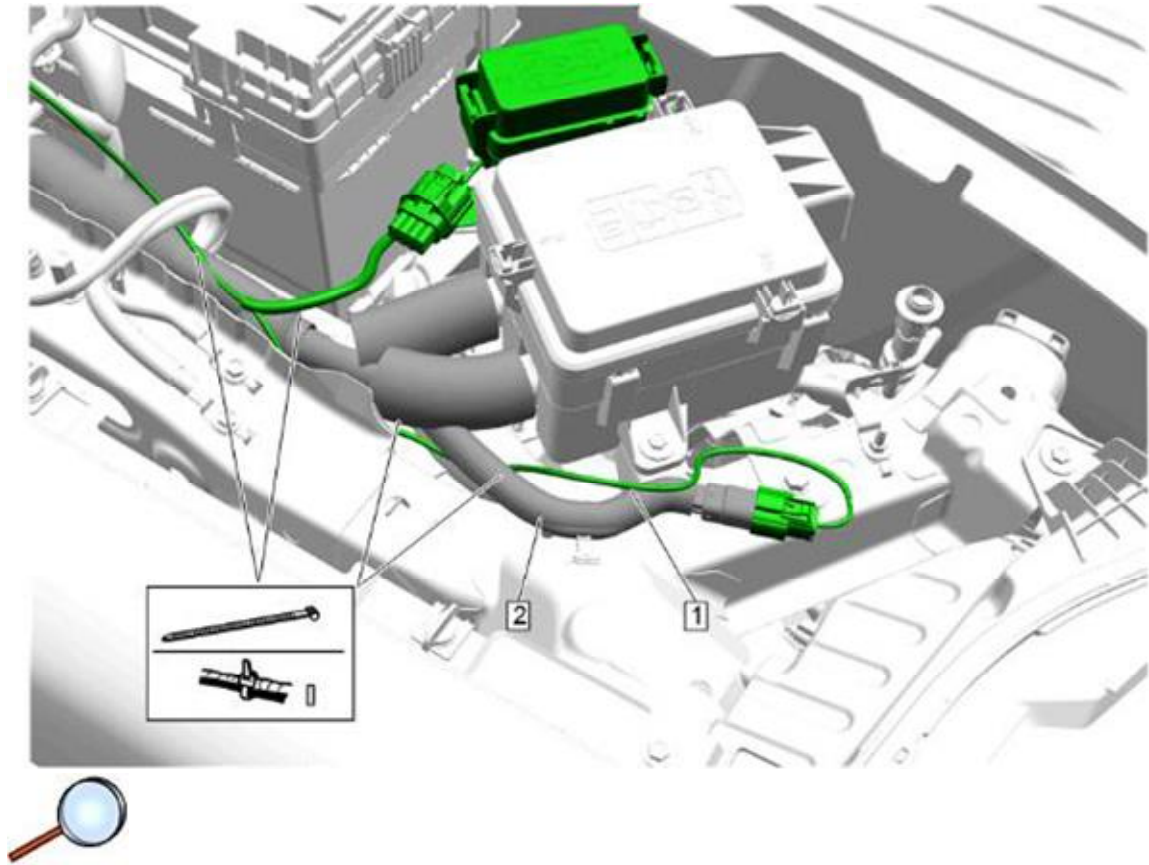
3. Thread the M6 fastener (2) that comes in the kit through the relay bracket hole (3) and hand tighten it to the battery bracket
4. Make sure anti-rotation tab is still in the square hole and none of the wiring that comes with the relay box is trapped between brackets and then tighten the bolt to 9 N.m (80 lb in).



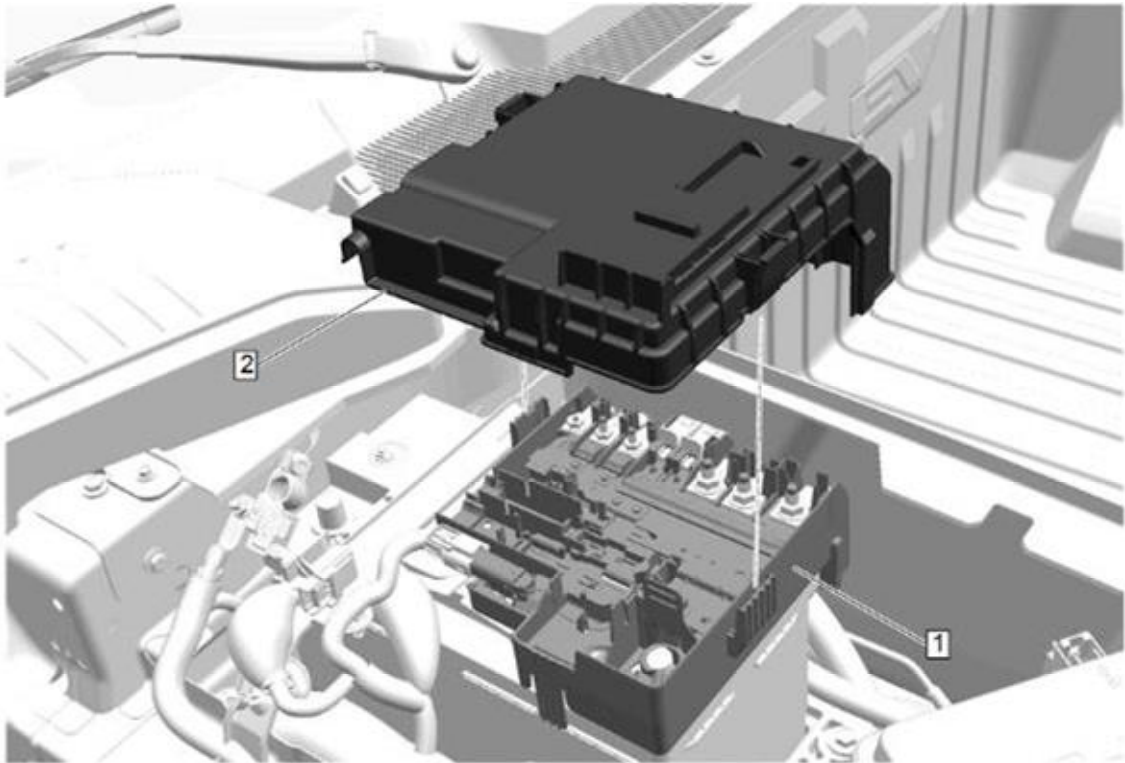
5. Remove the 8-way seal connector cap (1) from the body harness connector (2), discard connector cap (1).



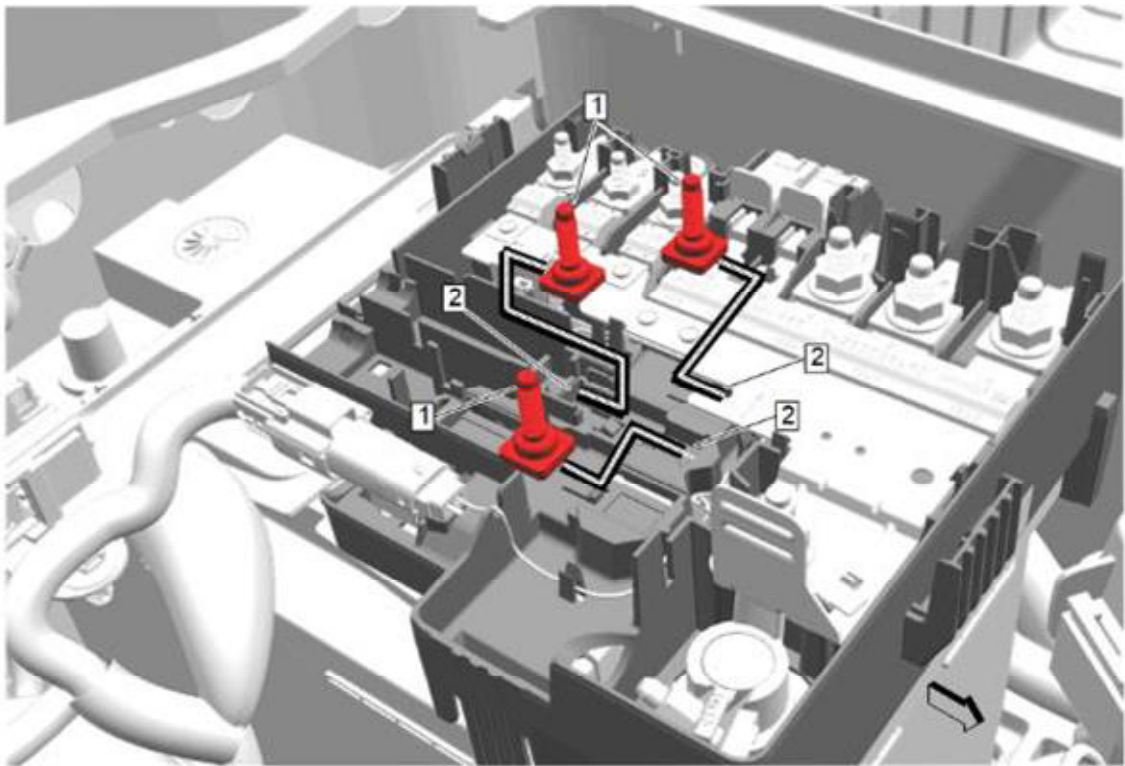
6. Remove the packaging tape from the 8-way connectors wiring. Route harness (4) under the body harness (3) and connect the 8-way harness connector (1) to the 8-way body harness connector (2). Lock the connector latch in place.



7. Secure the harness (1) to body harness (2) every 200 mm with the tie straps provided in the kit in the 4 locations shown. Cut the excess off the tie straps when secured in position.



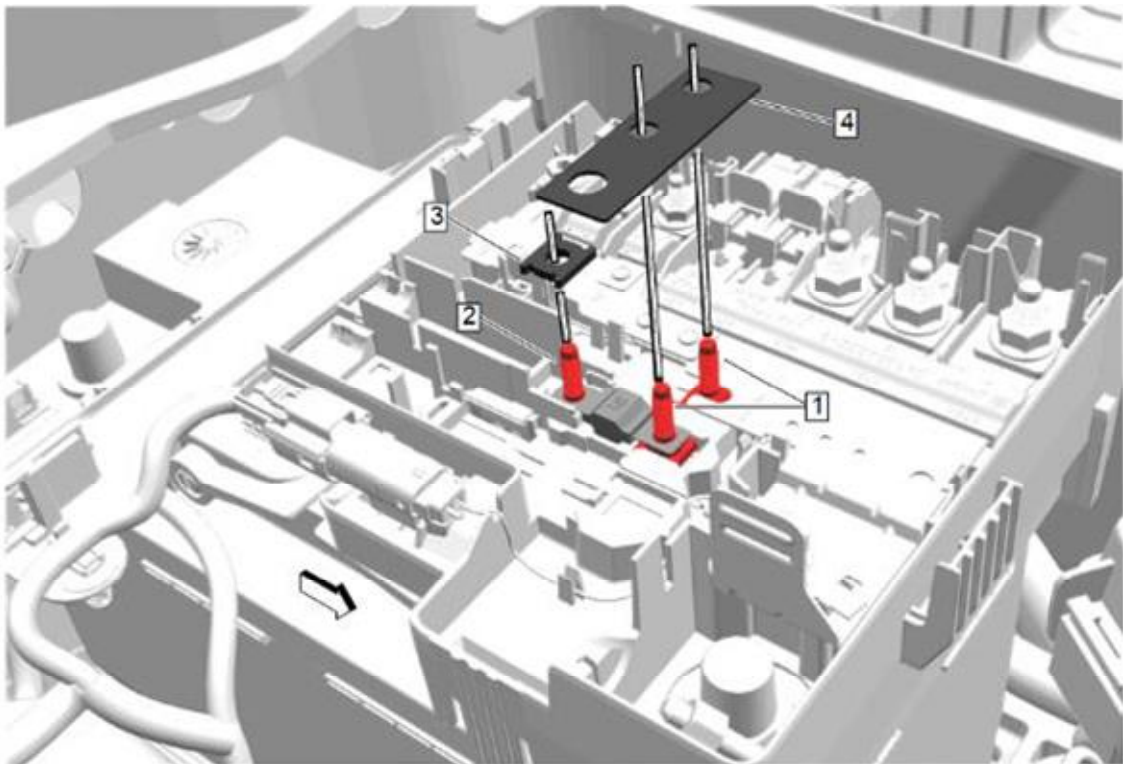
8. Remove the pre-fuse cover (2) from the pre-fuse block (1) by disengaging the retaining tabs.



9. Install the supplied three slide-in studs (1) into the plastic housing slots (2) of pre-fuse block, make sure they lock into position.

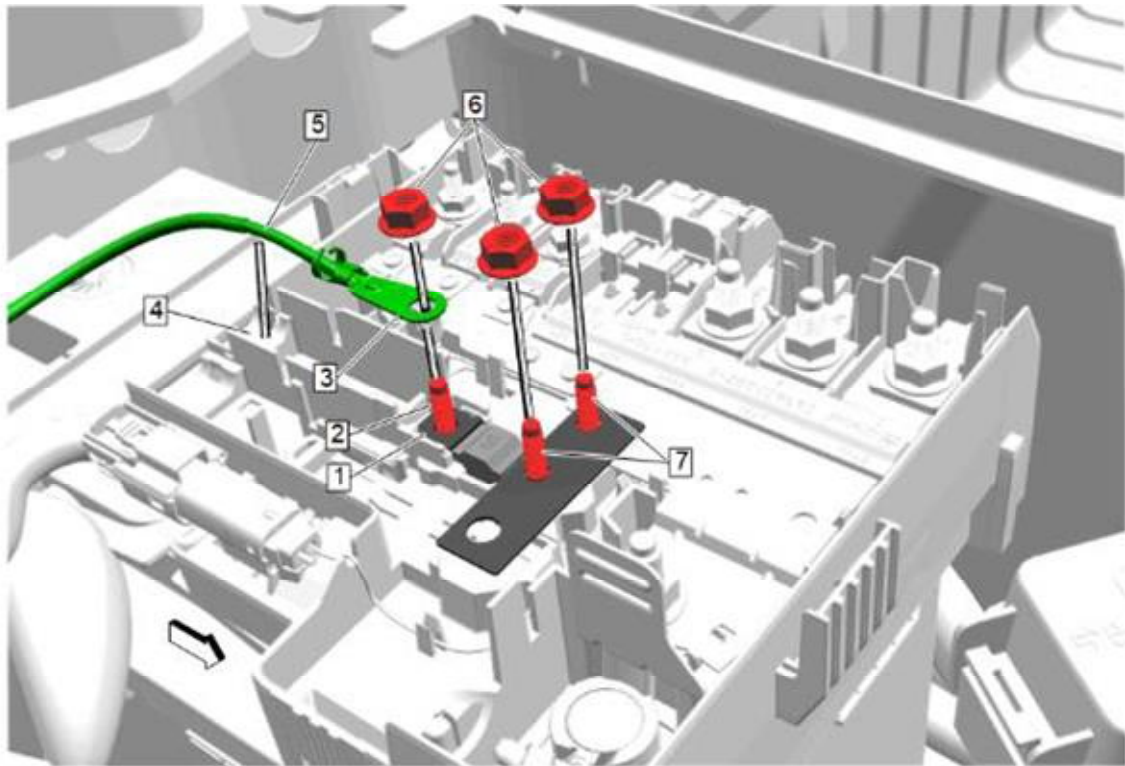


10. Position the supplied 60-amp fuse (2) over the two slide-in studs (1).

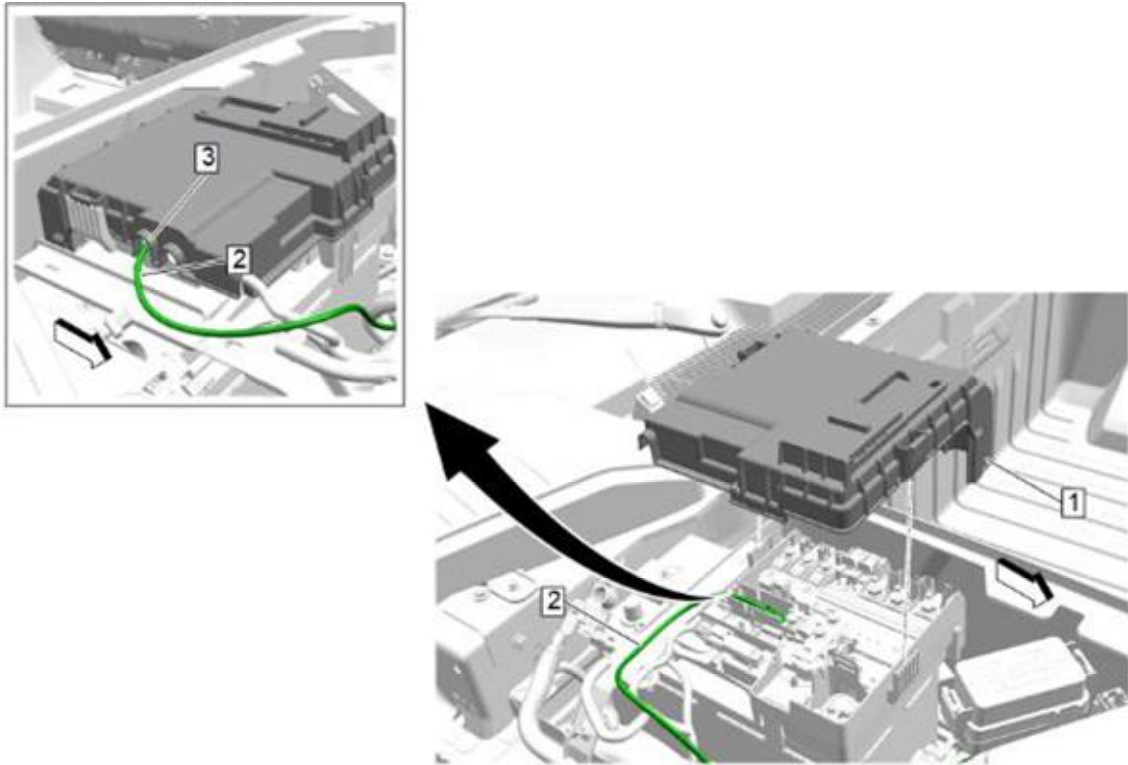


11. Position the supplied bus bar (4) over the two slide studs (1) using the small holes and making sure the orientation of the bar has the edge that the holes are closest too facing the

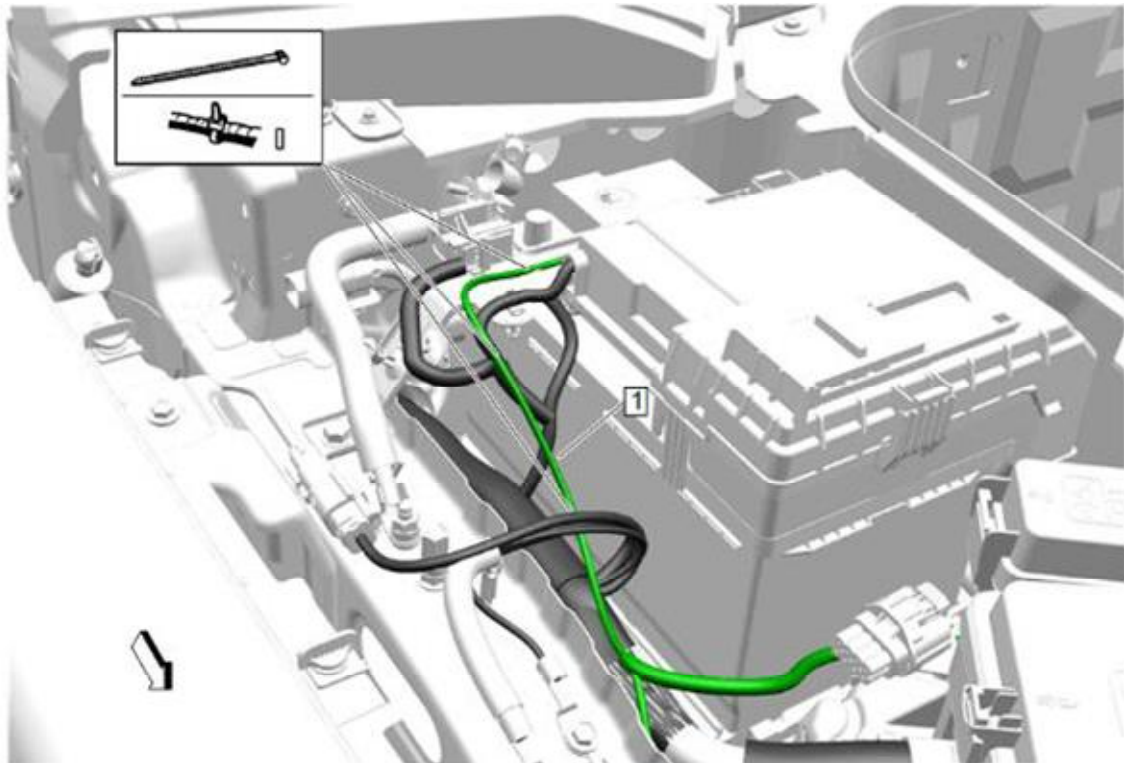
fuse or it won't set in properly. Position the isolator (3) over the other slide-in stud (2).



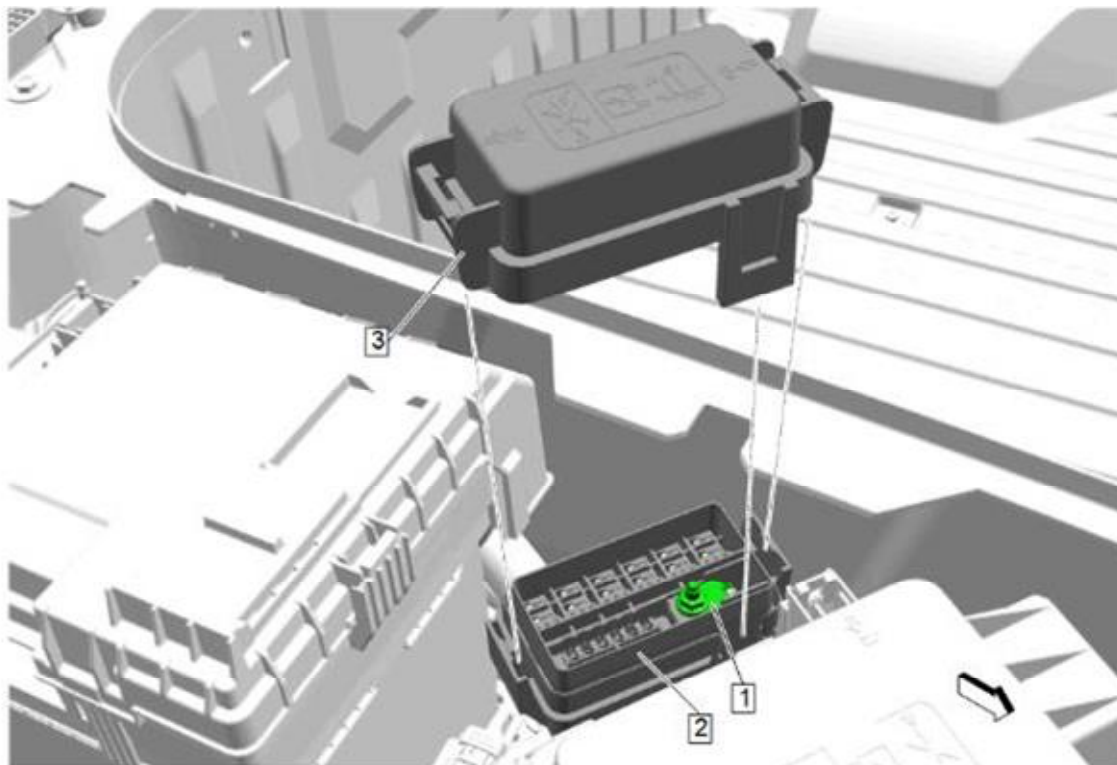
12. Route the harness (5) making sure it enters the pre-fuse center in the plastic tunnel area (4).
13. Place the harness terminal (3) over slide-in stud (2) on top of isolator (1).
14. Install the three supplied M6 nuts (6) to the slide-in studs (2), (7) and tighten to 6 N.m (53 lb in).



15. Re-install the pre-fuse cover (1) to the pre-fuse block making sure the harness (2) is routed through the tunnel (3) and not pinched.



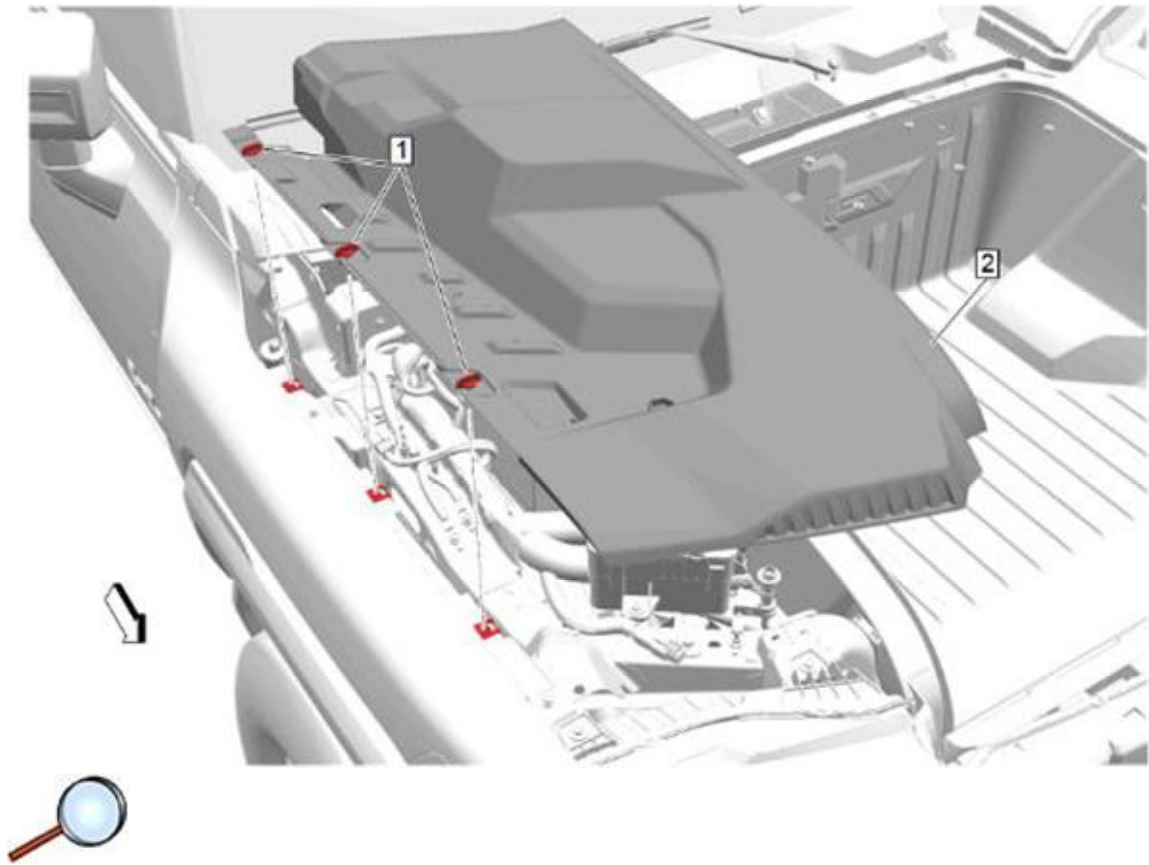
16. Route and secure harness (1) to vehicle harness areas with additional tie straps as necessary. Cut off excess from tie straps.
17. Connect the 12 volt negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#) in Vehicle Service Manual.



18. Remove the accessory relay box cover (3) from relay box (2) and check battery voltage at the main terminal (1) to verify the pre-fuse set up is correct. Note that the accessory relay box does not come with relays or fuses populated. They will be populated when add on accessories are installed.

Note: Total current draw of this relay and fuse accessory box must not exceed a total of 60 amps. Fuse size selection for each add-on accessory must be based on the host OEM wiring size. No individual fuse should exceed 25 amps. There is a reference guide at the end of the procedure to associate the relationship of the wire, fuse and relay location to the touch screen switches. Only use GM approved fuse and relays.

19. Re-install the accessory relay box cover (3) to relay box (2).



20. Re-install the right front compartment sight shield (2) and engage the quarter turn fasteners (1).
21. Close hood and place instructions in vehicle instrument panel storage compartment.
22. Discard any un-used parts from kit.
23. Clear all faults.

Connector, Wire Color, Fuse and Relay Reference

Connector Pin-Out	MY22/23 Wire Color	MY23 (interim) Wire Color	Relay Position	Fuse Position	Touch Screen Switches
1	Red/Yellow	Yellow	K1	F1	%AUX 1%
2	Red/Blue	Blue	K2	F2	%AUX 2%
3	Red/Gray	Gray	K3	F3	%AUX 3%
4	Red	Red	K4	F4	%AUX 4%
5	Red/White	White	K5	F5	%AUX 5%
6	Red/Brown	Brown	K6	F6	%AUX 6%
7	NC	NC	NC	NC	NA

Connector Pin-Out	MY22/23 Wire Color	MY23 (interim) Wire Color	Relay Position	Fuse Position	Touch Screen Switches
8	NC	NC	NC	NC	NA

Note: Refer to images below for table reference.

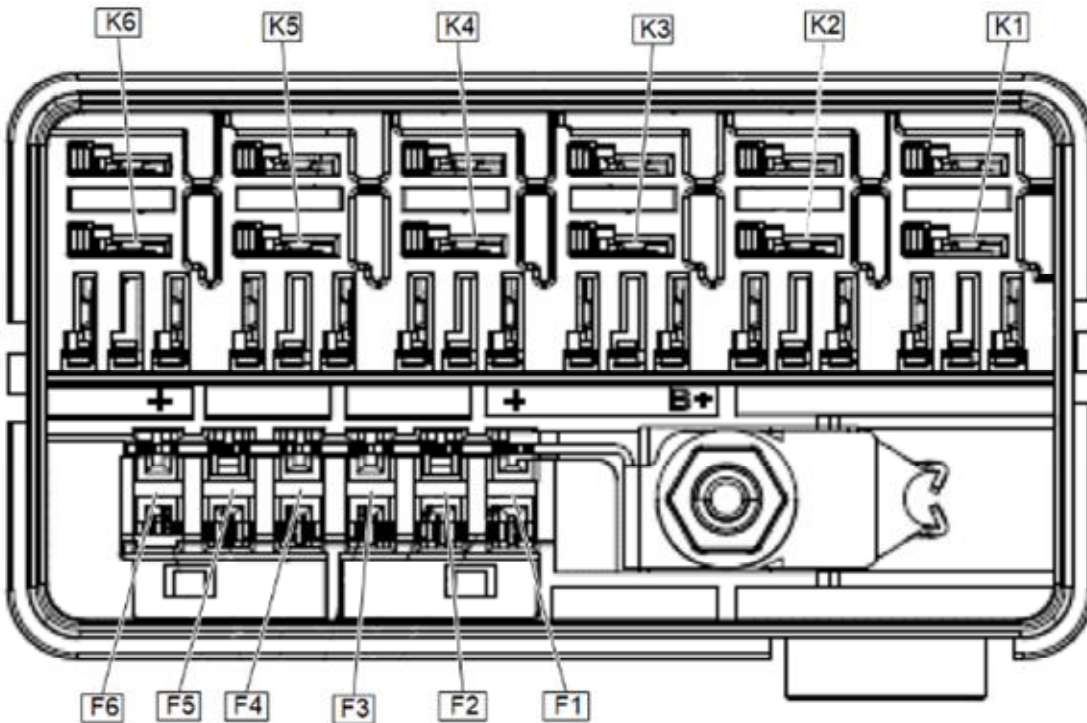
Connector Pin-Out (Wire Insertion View)



© 2024 General Motors. All rights reserved.

Relay and Fuse Interface

Note: Relays are shown at top and fuses are shown at bottom.



Touch Screen Switches

