

Front Floor Illumination Lamp Package Installation (Instruction ID: 85578707)

Installation Instructions Part Number

85578707

Kit Contents

Qty	Description
1	Front Floor Illumination Lamp Kit
1	Installation Instructions

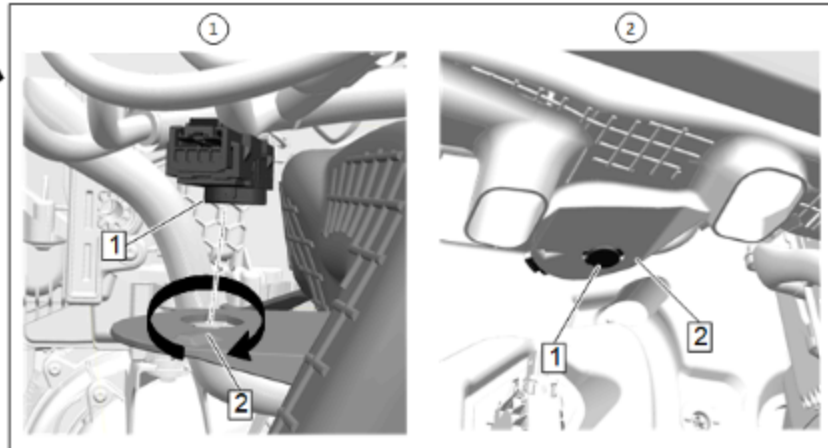
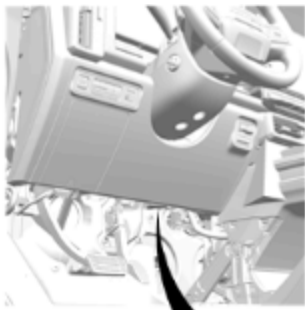
Tools Required

J-38125-215A Terminal Release Tool or Equivalent

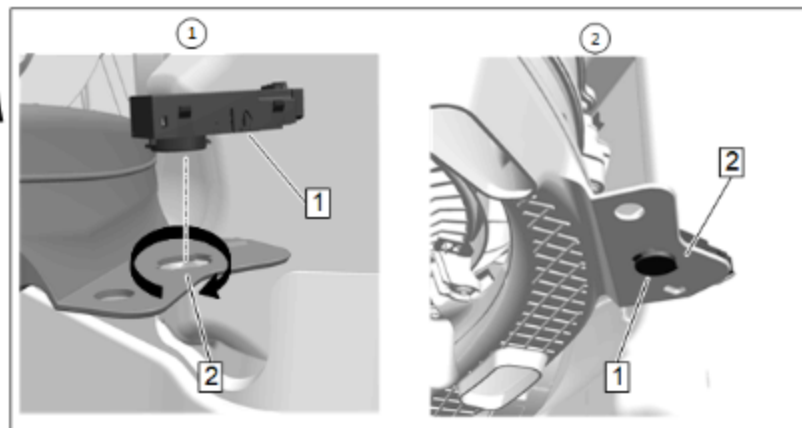
Procedure

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.

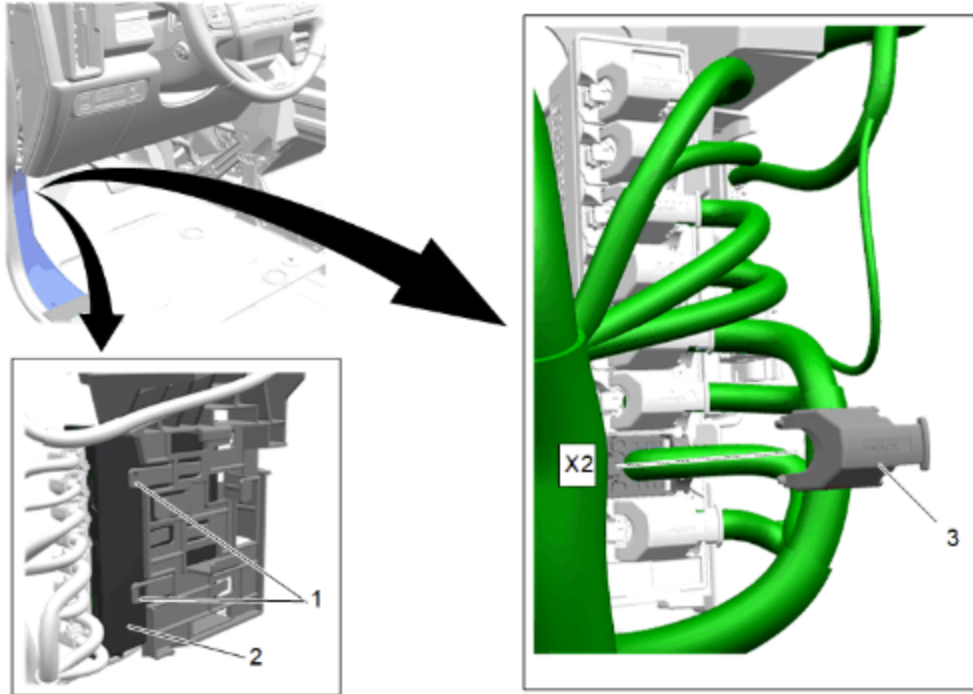
1. Check the 12 volt battery voltage with a digital multimeter before disconnecting any battery cables leads. If the voltage is 13.5 volts or above, the Battery Maintenance Mode is active. The technician must wait for the T18 battery charger to deactivate before disconnecting the battery negative cable. [Charging System Description and Operation](#)
2. Remove the left front floor console extension panel. Refer to [Front Floor Console Extension Panel Replacement - Left Side](#) in Vehicle Service Manual.
3. Remove the right front floor console extension panel. Refer to [Front Floor Console Extension Panel Replacement - Right Side](#) in Vehicle Service Manual.
4. Disconnect the 12V negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#) in Vehicle Service Manual.
5. Remove the instrument panel lower trim panel insulator. Refer to [Instrument Panel Lower Trim Panel Insulator Replacement](#) in Vehicle Service Manual.
6. For interior lighting harness schematics, see the First Row and Floor Courtesy Lights. Refer to [Interior Lights Schematics](#) in Vehicle Service Manual.



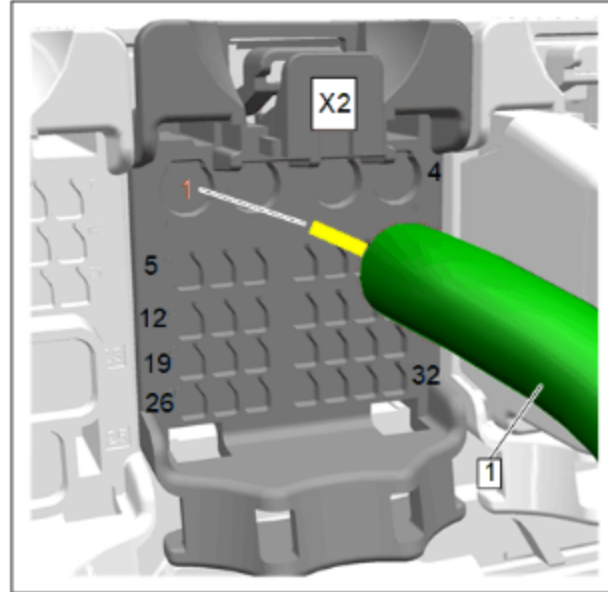
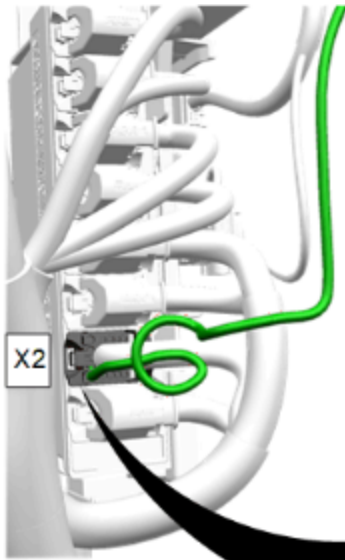
7. Install the driver side LED lamp (1) to the hole in driver side HVAC duct (2) and turn clockwise.



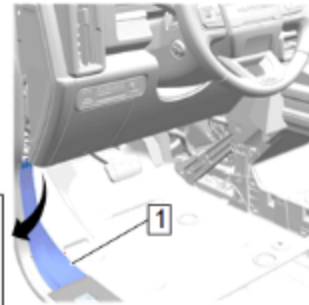
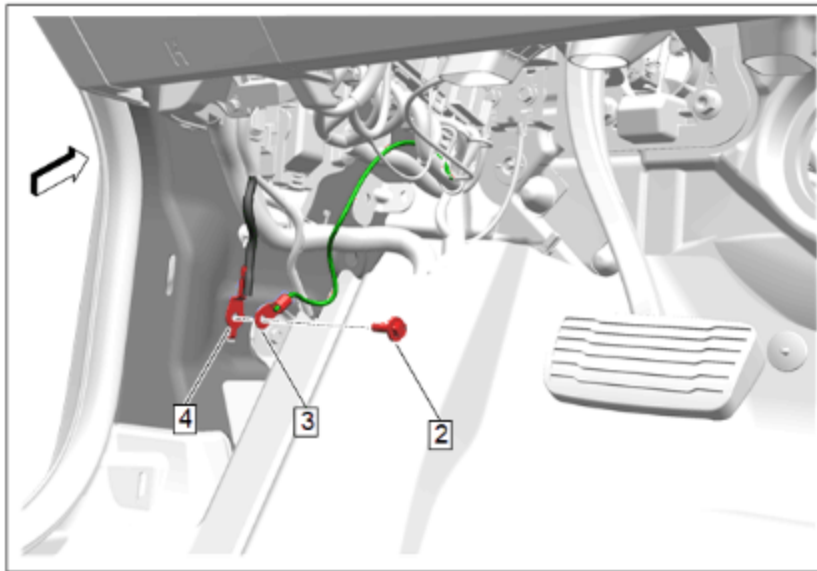
8. Install the passenger side LED lamp (1) to the hole in passenger side HVAC duct (2) and turn clockwise.



9. Locate the BCM (2) on the driver side footwell area and slide out the BCM by disengaging the two retaining tabs (1) on BCM bracket then remove the connector cover (3) from BCM connector X2.



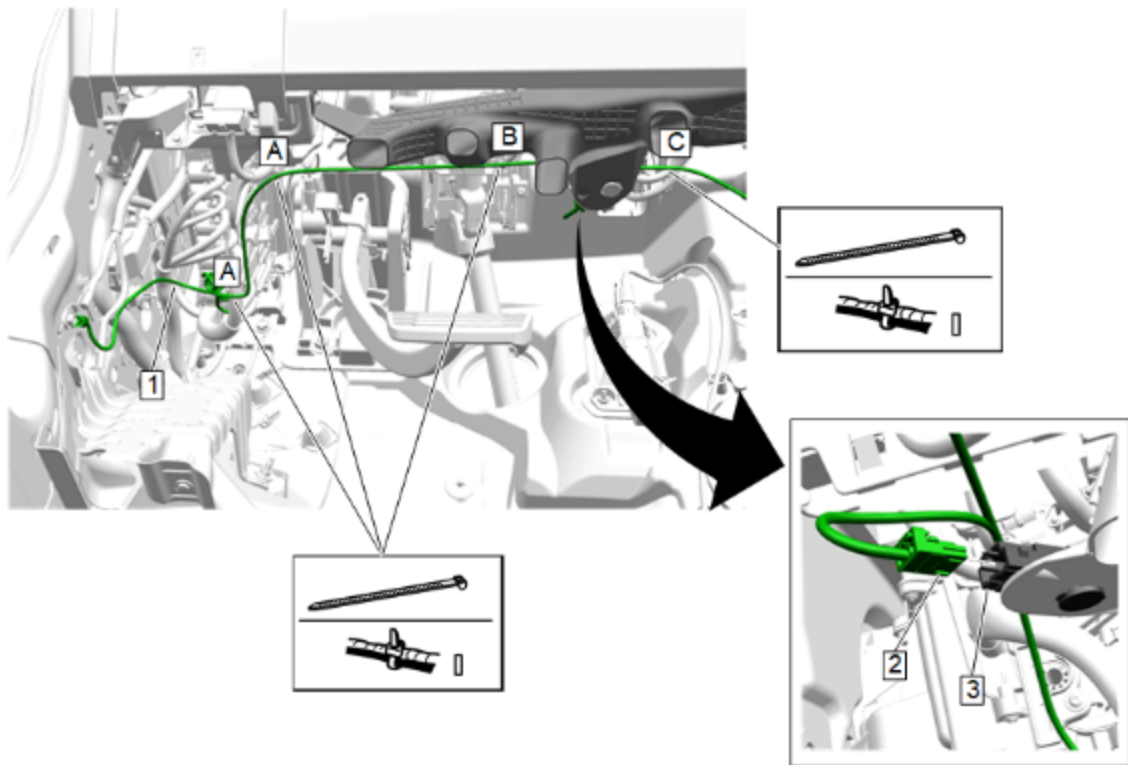
10. If the accessory harness has a Violet wire on it, then tape it back.
11. Locate cavity 1 of BCM connector X2 (Light Pink connector) and remove Gray wire using the J-38125-215A Terminal Release Tool.
12. Locate the Yellow wire on the accessory harness (1) and insert the terminal lead into cavity 1 of BCM connector X2.
13. Cut the terminal off the Gray wire that was removed from cavity 1, and strip back a small amount of insulation. Then splice the Gray wire into the open end of the splice joint on the Brown wire in the Footwell Lamp Harness.
14. Confirm terminal lead is locked into place on connector cavity.



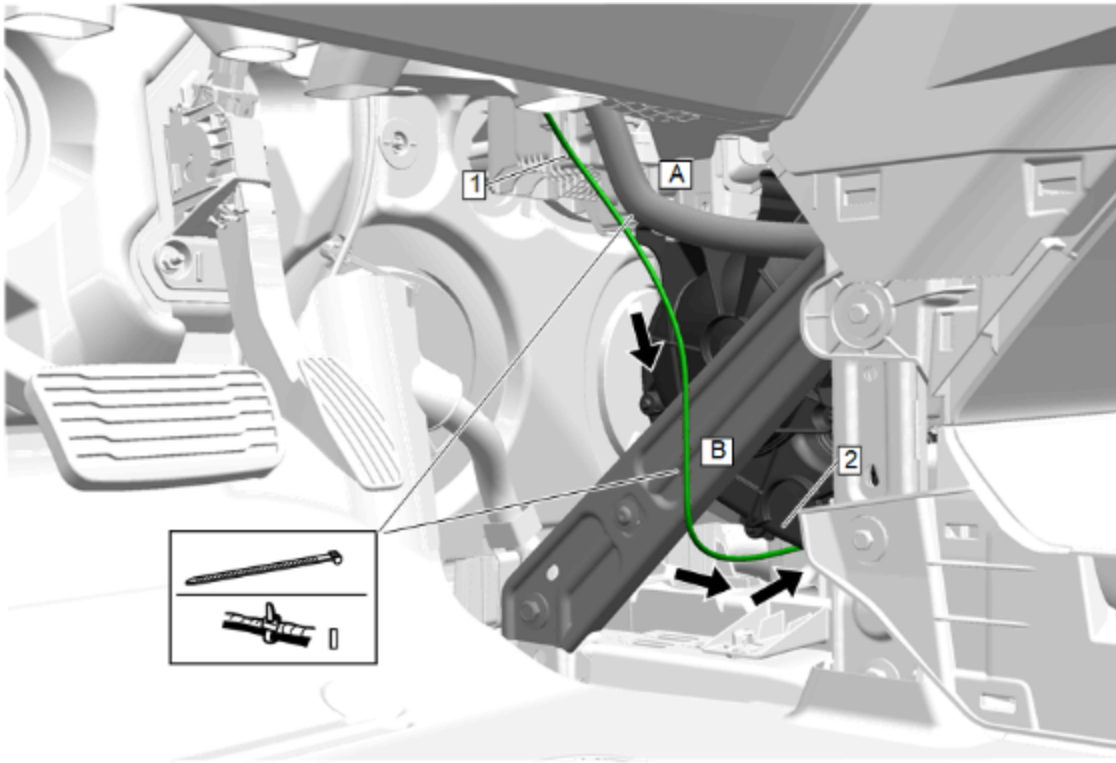
15. Pull back driver front side door sill garnish molding (1) and remove side kick panel to route wire.

Note: In case of over mold at the terminal joint please clean the joint and make sure that the accessory ground eyelet has good contact in order to avoid intermittent ground issues.

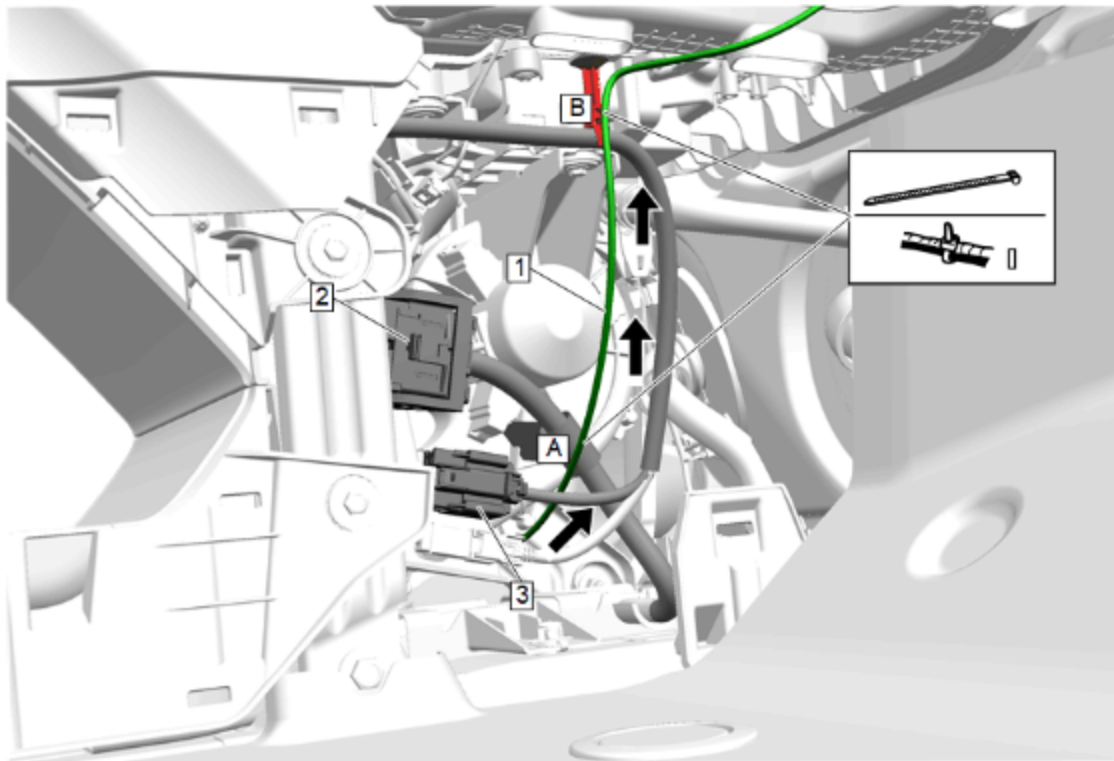
16. Remove bolt (2) from existing harness ground (4) and place accessory harness ground (3) over existing ground and reinstall bolt. Tighten bolt to 9 N.m (7 lb ft).



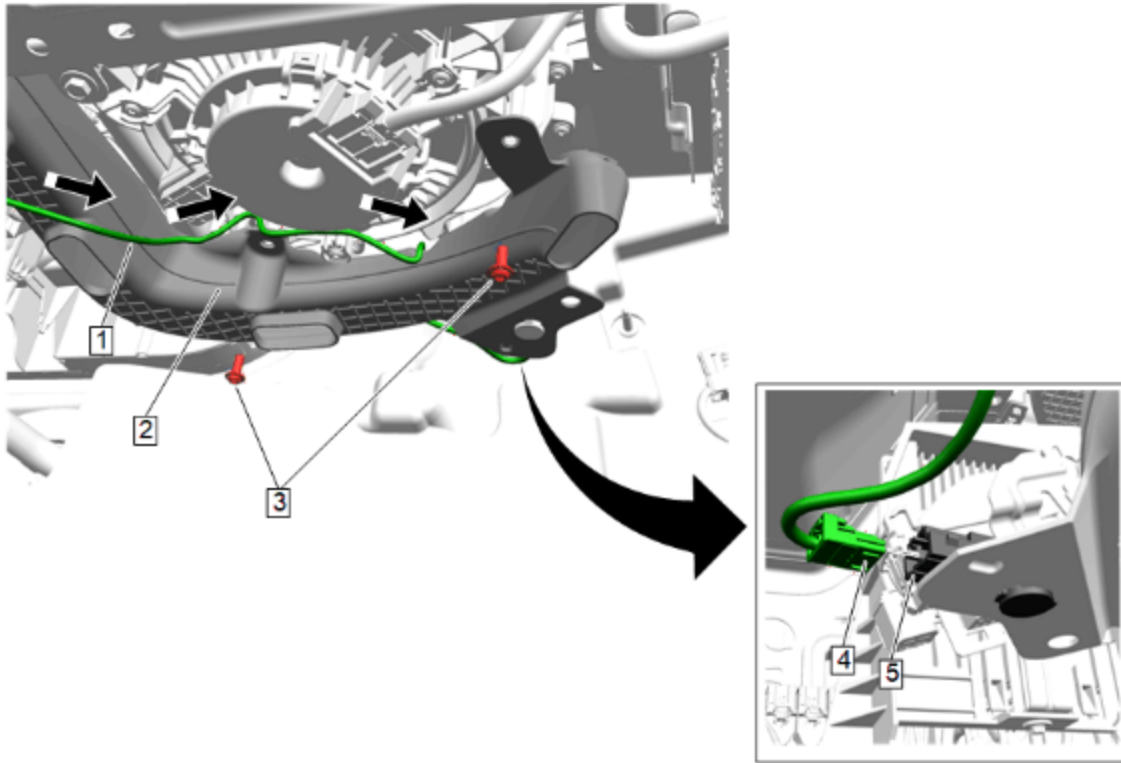
17. Starting from the BCM, route accessory harness (1) and secure harness to vehicle harness with supplied cable ties at locations (A).
18. Continue to route accessory harness along the driver side HVAC duct and secure harness to vehicle harness with cable ties at locations (B) and (C).
19. Connect accessory LED connector (2) into driver side LED lamp (3).
20. Cut excess off all cable ties.



21. Locate the tubular duct along the driver side of HVAC blower housing and secure accessory harness (1) with cable tie at the bend of tubular duct at location (A).
22. Allow the accessory harness to drop along the outside of the diagonal center stack brace and pass the remaining harness length under the brace and blower housing (2). Place a cable tie loosely to accessory harness and diagonal brace at location (B).



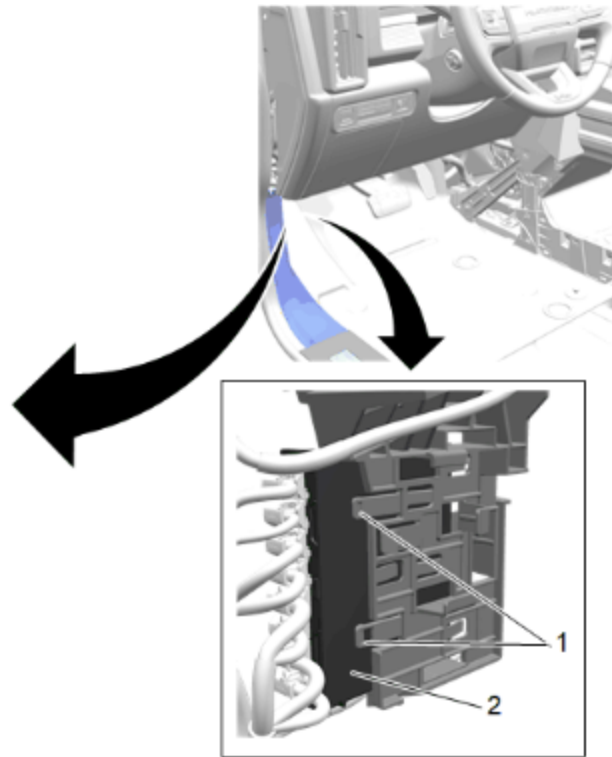
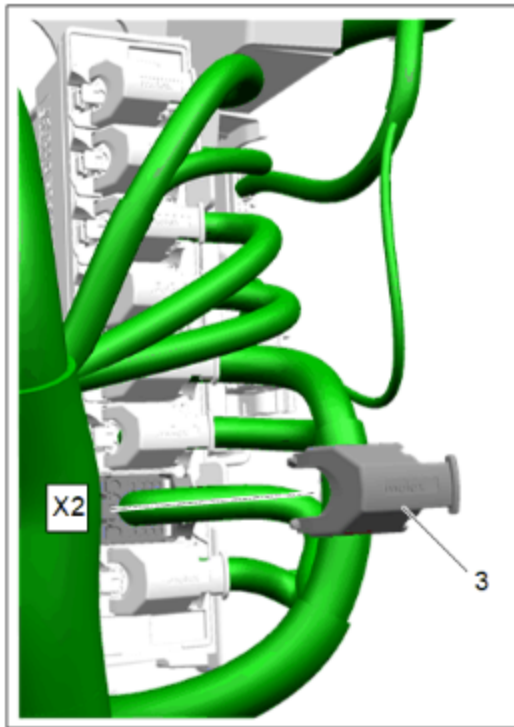
23. Route the remaining accessory harness length (1) through the lower RH side connectors passing under the large upper connector (2) and above middle connector (3). Place cable tie to accessory harness and middle connector wire at location (A).
24. Continue to route accessory harness upward towards the passenger side HVAC duct and secure accessory harness to fastener shaft at location (B).
25. Cut excess off all cable ties.



26. Remove the two screws (3) from passenger side HVAC duct (2), lower HVAC duct down enough to route accessory harness (1) over the top of the HVAC duct and connect the passenger side LED connector (4) to passenger side LED lamp (5).

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.

27. Reinstall the HVAC duct screws (3) and tighten to 2.5 N.m (22 lb in).



28. Reinstall the connector cover (3) to BCM connector X2 then slide BCM (2) back into BCM bracket making sure that the tabs (1) are engaged to BCM.
29. Connect the 12V negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#) in Vehicle Service Manual.
30. Test the functions of accessory footwell lamps.
31. Reinstall the driver front side door sill garnish molding. Refer to [Front Side Door Sill Garnish Molding Replacement](#) in Vehicle Service Manual.
32. Reinstall the right front floor console extension panel. Refer to [Front Floor Console Extension Panel Replacement - Right Side](#) in Vehicle Service Manual.
33. Reinstall the instrument panel lower trim panel insulator. Refer to [Instrument Panel Lower Trim Panel Insulator Replacement](#) in Vehicle Service Manual.
34. Reinstall the left front floor console extension panel. Refer to [Front Floor Console Extension Panel Replacement - Left Side](#) in Vehicle Service Manual.