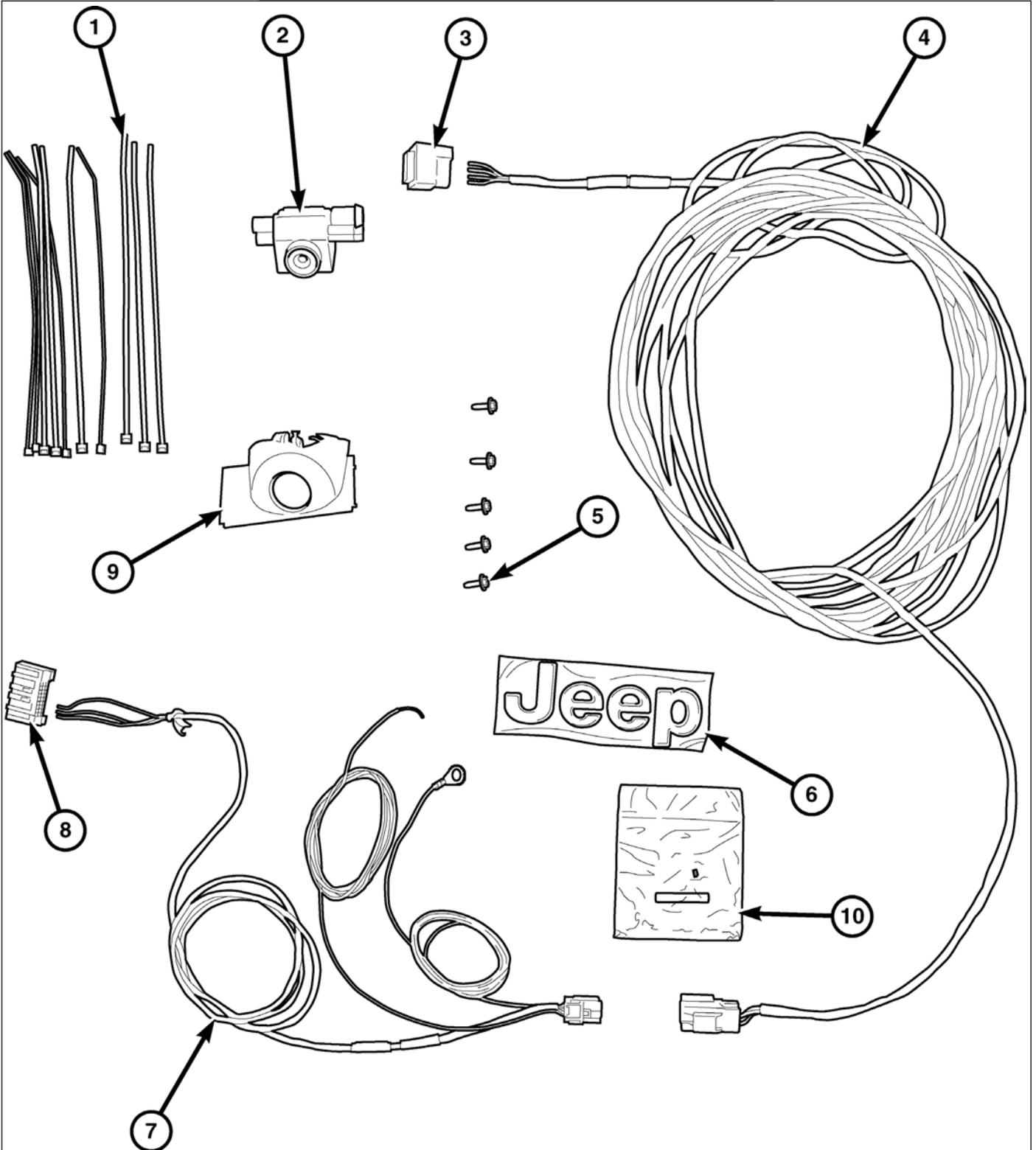


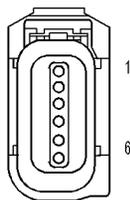
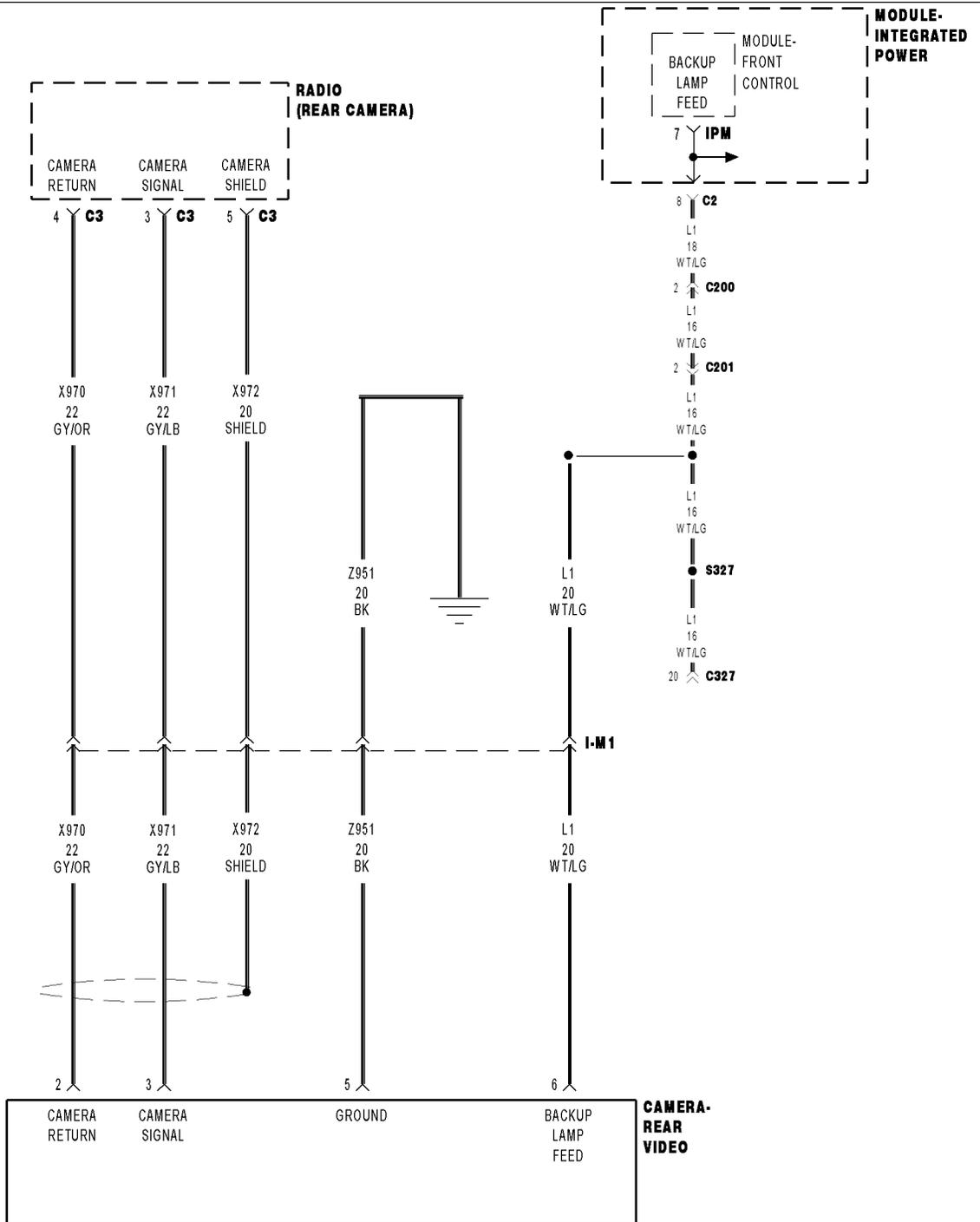


BACKUP CAMERA

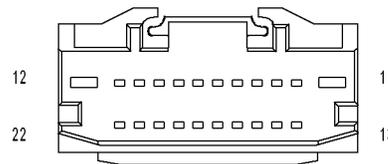
JEEP COMMANDER/GRAND CHEROKEE



Call Out	Description	Parts	Quantity
1	Tie Wrap-Nylon 6.9"	Supplied in kit	12
2	Camera, Rear View	Supplied in kit	1
3	Camera Extension Harness Connector	Supplied in kit	1
4	Camera Extension Harness	Supplied in kit	1
5	Screw Hex Head, M4.2 X .70	Supplied in kit	4 - (WK) 5- (XK)
6	"JEEP" Name Plate to Lightbar	Supplied in kit	N/A - (WK) 1 - (XK)
7	T-Harness	Supplied in kit	1
8	T-Harness Connector	Supplied in kit	1
9	Camera Bracket	Supplied in kit	1
10	Wire Spicing Kit	Supplied in kit	1
	I-Sheet Download Instructions	Supplied in kit	1
	Lightbar	Sold Separately, Color/Finish Dependent	1



CAMERA-REAR VIDEO



RADIO C3 (DVD/REAR CAMERA)

4c100001

PROCEDURE STEPS

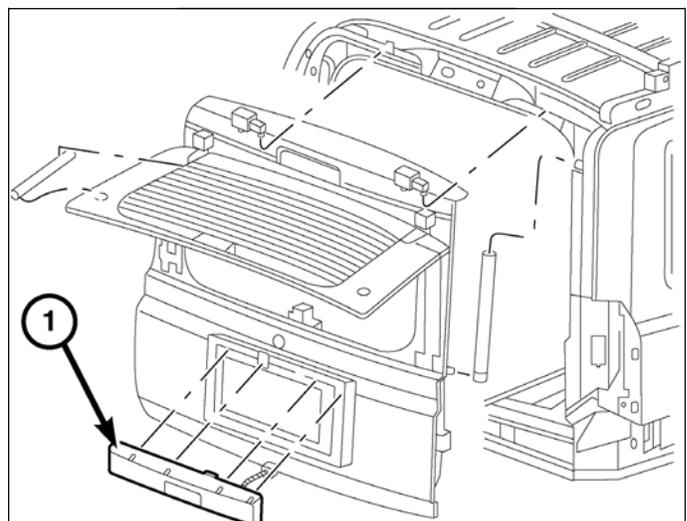
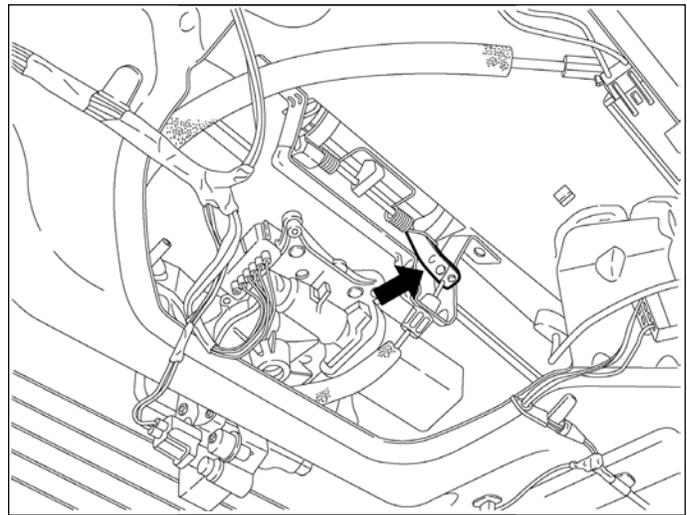
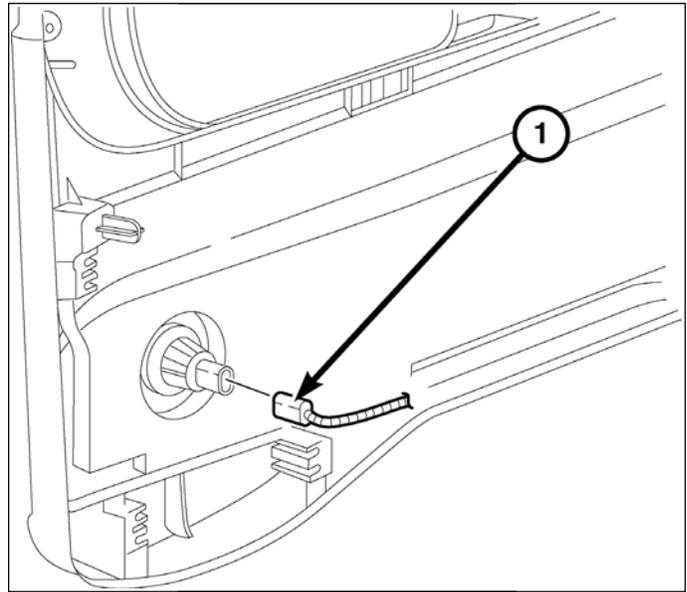
Commander shown, Grand Cherokee similar.

CAUTION: Read entire instructions thoroughly before starting.

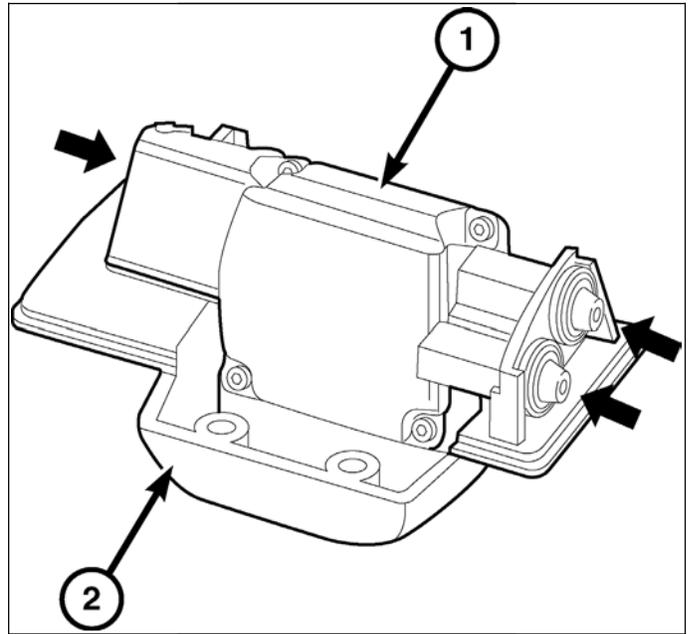
1. Disconnect and isolate the battery negative cable.
2. Remove the screws from the liftgate trim panel.
3. Using Trim Stick C-4755, or equivalent, carefully pry the trim panel away from the inside of the liftgate to release the push-pin plastic fasteners that secure the panel to the liftgate.
 - a. Disconnect the liftgate trim panel lamp (1).
 - b. Remove the liftgate trim panel from the vehicle.
4. Remove the liftgate watershield, if equipped.

5. Disconnect actuator cable from latch handle.
6. Disconnect the electrical connector of the latch handle on the inside of the liftgate.
7. Reach through the clearance hole in the inside of the liftgate panel on each side of the latch to access and remove the two nuts that secure the handle to the liftgate.

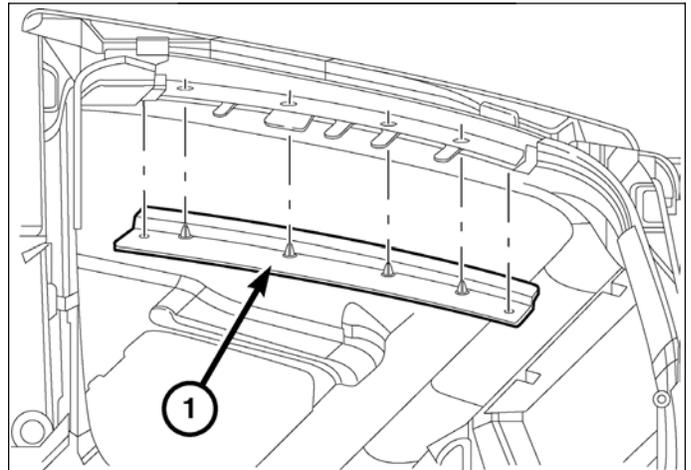
8. Reach through the clearance hole on the inside of the liftgate, squeeze clips and remove the latch handle (1).
9. Tie back the camera connector in the new handle assembly.



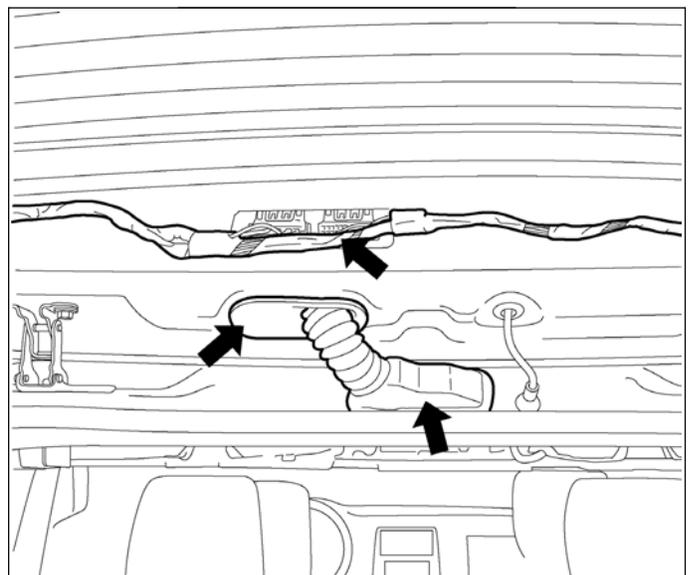
10. Install the camera (1) into the camera bracket (2).
11. Install the camera assembly into the liftgate handle.



12. Using Trim Stick C-4755, or equivalent, release the retaining clips that secure the header trim molding (1) in the liftgate opening and remove.



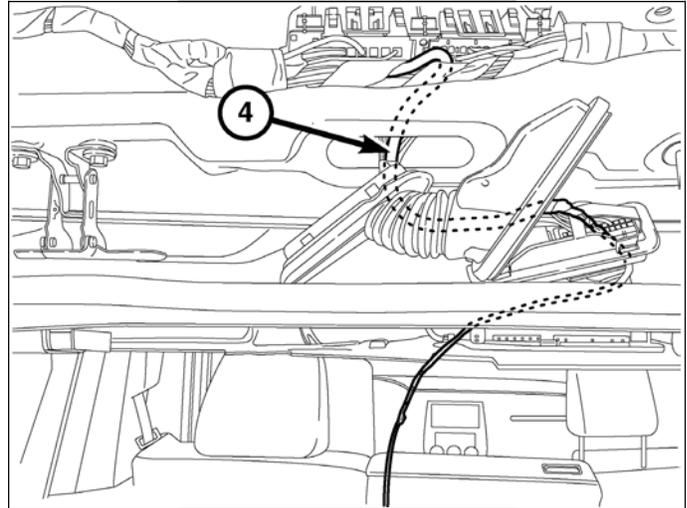
13. Position aside the electrical connector(s).



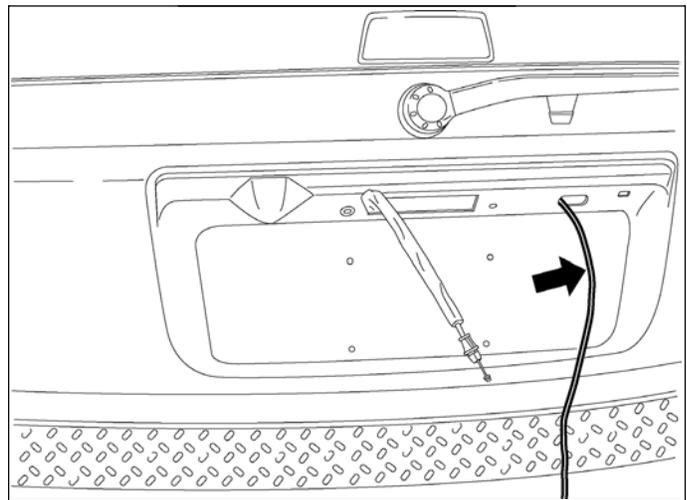
14. Route the camera extension harness (1) through the body and liftgate connector housings.

CAUTION: When pulling the harness through the connector housing be careful not to damage the camera extension harness pins.

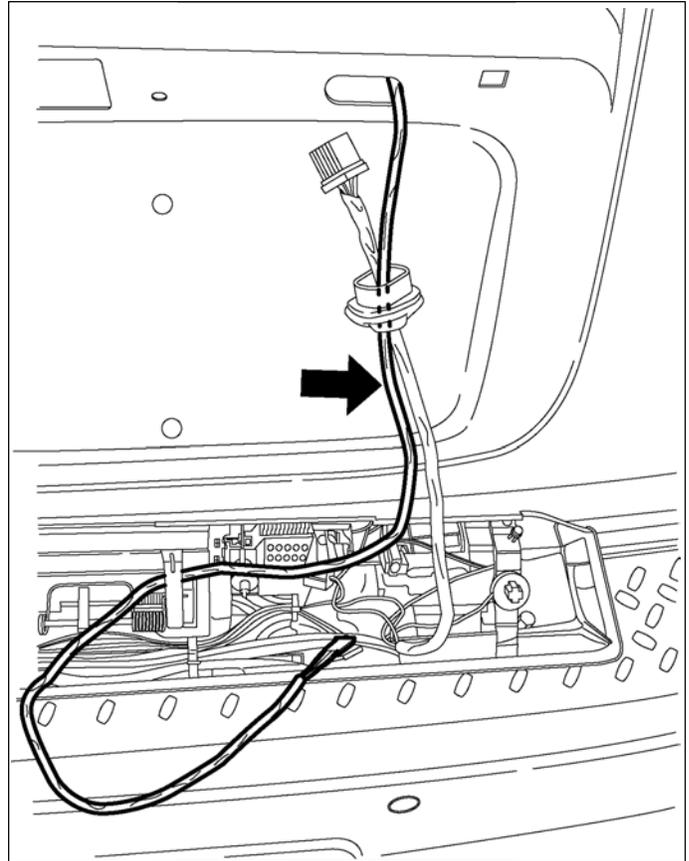
15. Route the camera extension harness open terminal side along the liftgate harness and zip tie.



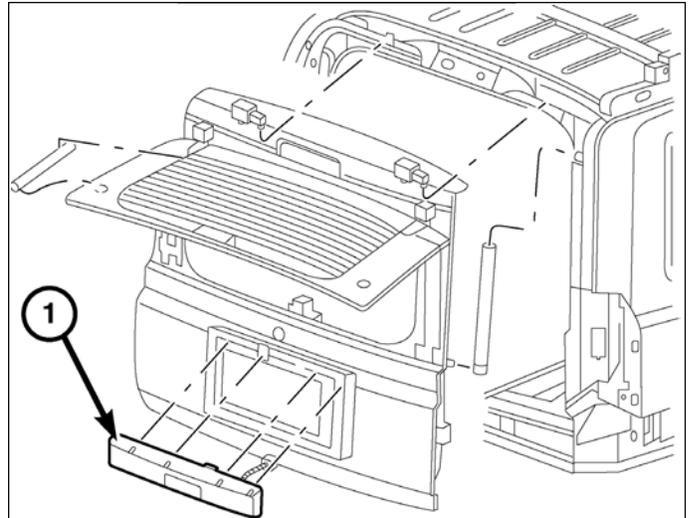
16. Route the camera extension harness through the hole for the latch handle.



17. Route the camera extension harness through the handle grommet.

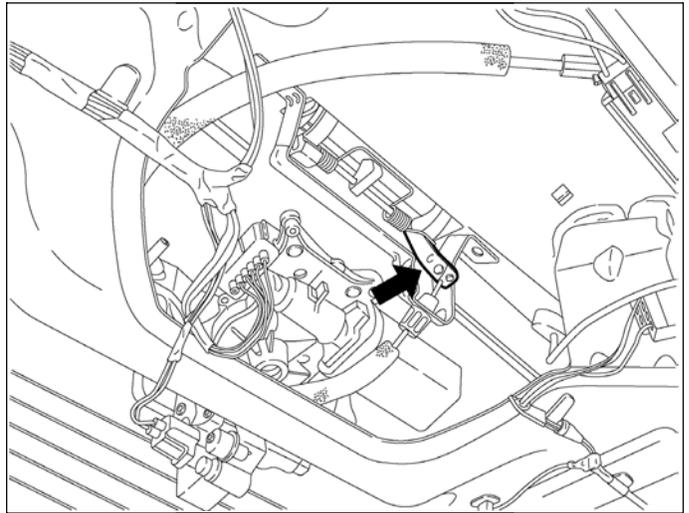


18. Install the camera extension harness electrical hardshell connector.
19. Install the liftgate handle.

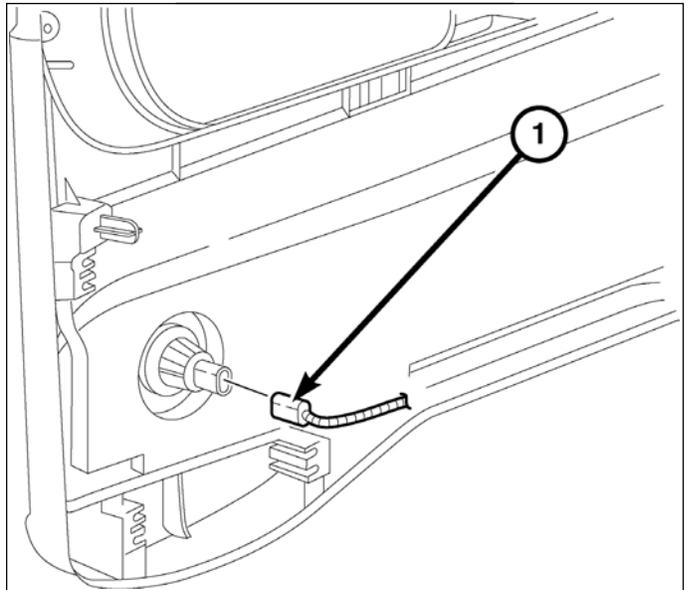


NOTE: Position the latch handle onto the outside of the liftgate and seat the wiring grommet.

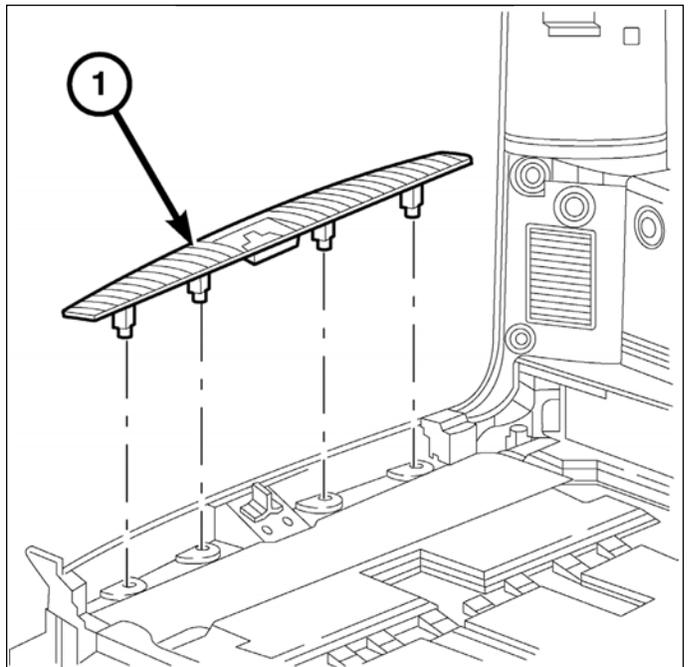
20. Working through the clearance hole in the inside of the liftgate panel, install the liftgate release cable bracket and install the nuts.
21. Tighten the nuts to 6 N·m (55 in. lbs.).
22. Connect the latch cable to the handle.
23. Connect the electrical connector of the latch handle on the inside of the liftgate.
24. Cut the tie straps.
25. Position back the electrical connector(s).



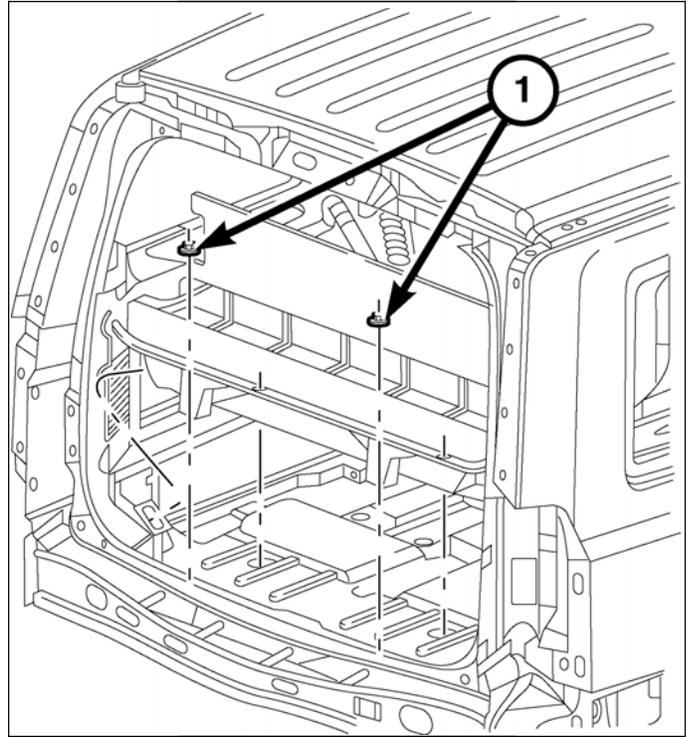
26. Install the watershield, if equipped.
27. Install the liftgate trim panel.
28. Install the liftgate trim panel screws.



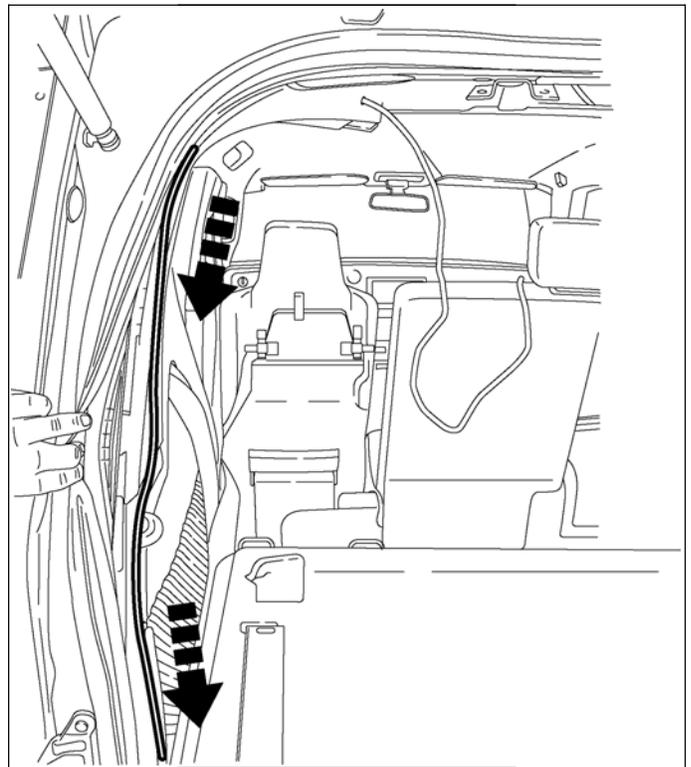
29. Using Trim Stick C-4755, or equivalent, disengage the retaining tabs that secure the liftgate scuff plate to the liftgate door sill and remove the scuff plate (1).



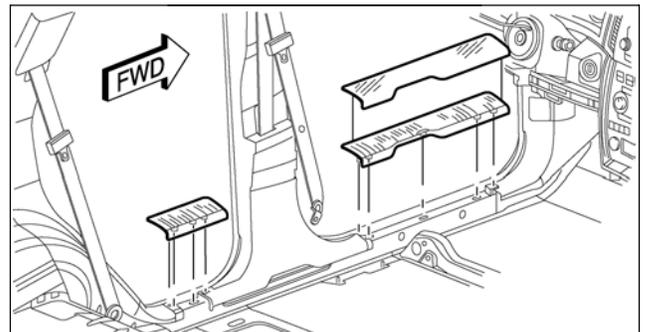
30. Remove the two nuts (1) that secure the load floor to the floor panel.
31. Remove the load floor.



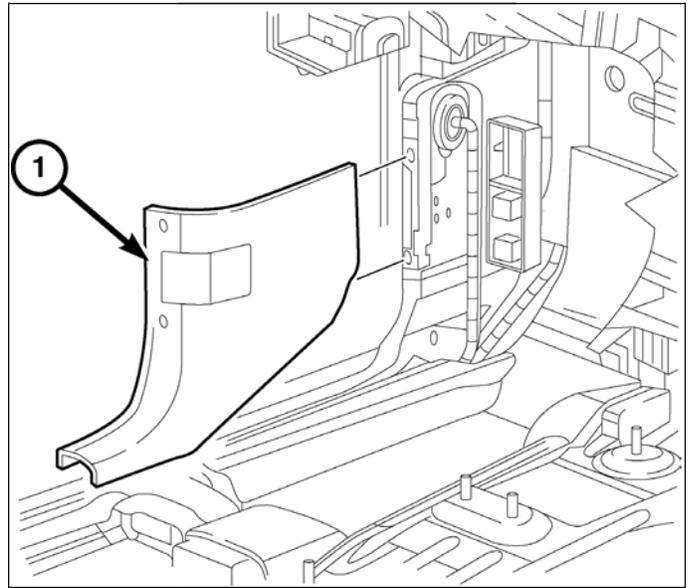
32. Position aside the liftgate weatherstrip.
33. Route the camera extension harness down the D-pillar and along the bottom of the rear quarter trim panel, tucking the wire under the panels.
34. Position back the liftgate weatherstrip.
35. Position the rear seat forward.



36. Remove the drivers side rear door scuff plate.
37. Remove the drivers front door scuff plate.



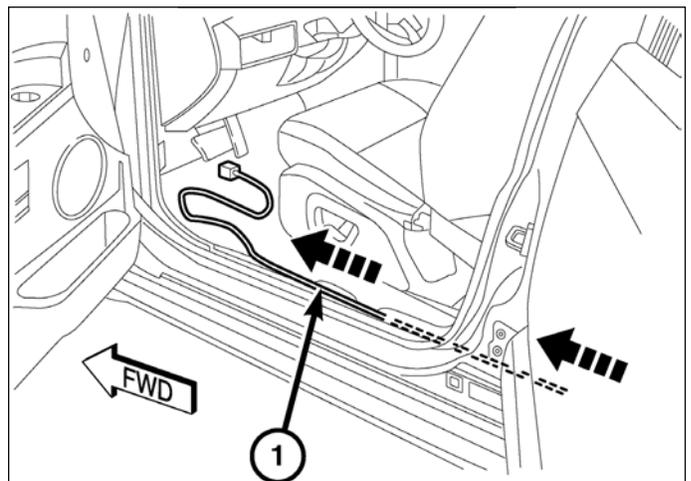
38. Using a trim stick C-4755 or equivalent, remove the cowl trim panel (1).



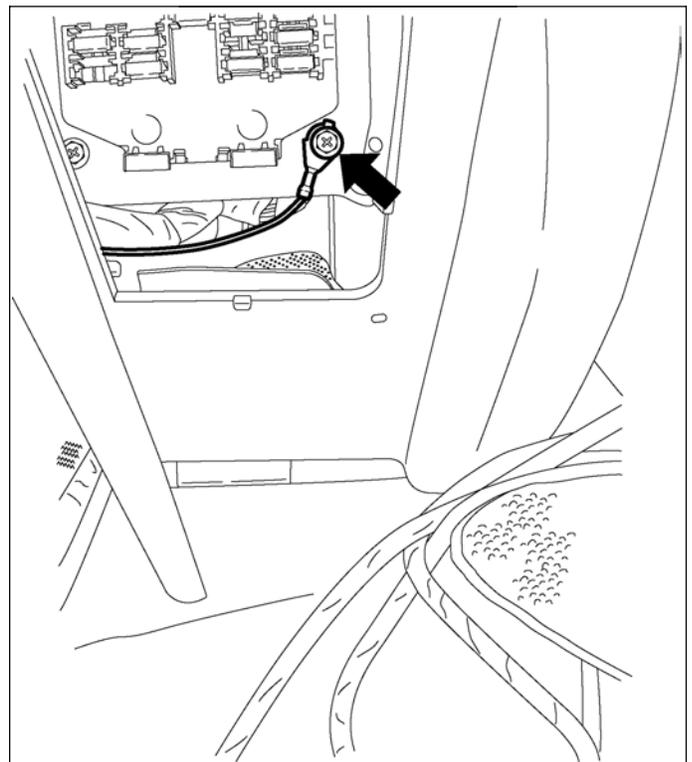
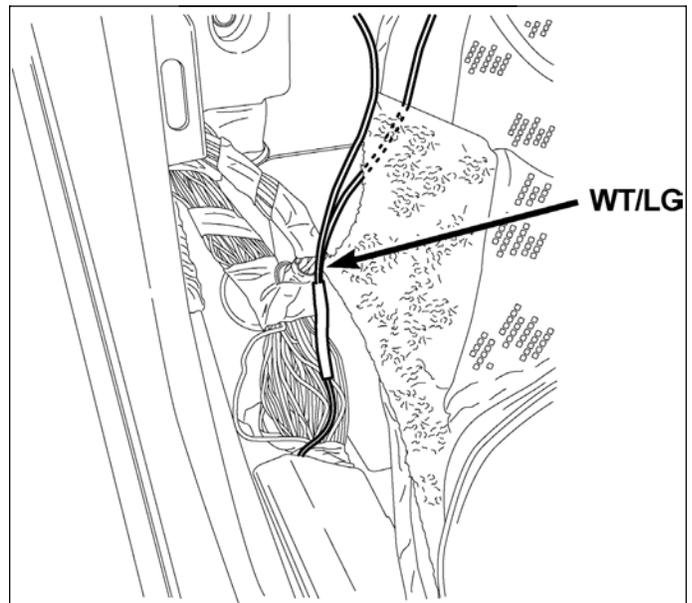
39. Position aside the drivers side C-pillar moulding.



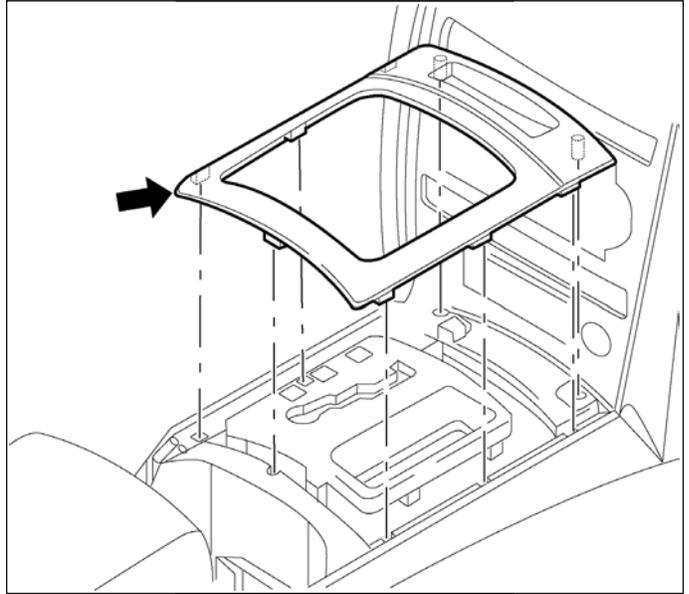
40. Route the camera extension harness (1) under bottom edge of c-pillar and b-pillar trim stopping at the kick plate.



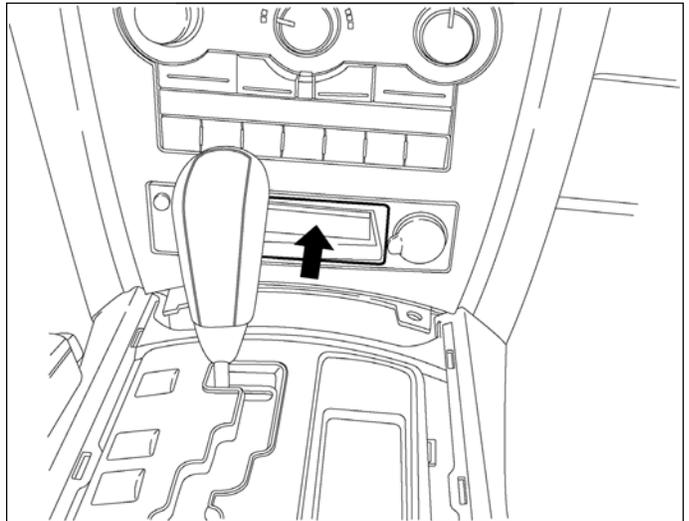
41. Reconnect the battery negative cable.
42. Locate the WT/LG wire in the main body harness near the drivers kick plate. Using a DVOM test for 12V with the transmission in reverse, 0V in any other position.
43. Disconnect and isolate the battery negative cable.
44. Cut the WT/LG wire on the T-harness to length (approx. 1 foot from the connector).
45. Cut the main body harness, WT/LG wire at the kick plate.
46. Strip the WT/LG wire on T-harness and on the main body harness.
 - a. Install the shrink tube.
 - b. Install the wire crimp.
47. Solder the T-harness to the main body harness wire(s).
48. Using an appropriate heat source, heat the shrink tube until it has shrunk to its final dimension.
49. Open the fuse panel access door.
50. Install the ground wire from the T-Harness at the lower right fuse panel assembly mounting screw.



51. Using a trim stick C-4755 or equivalent, remove the shifter bezel.



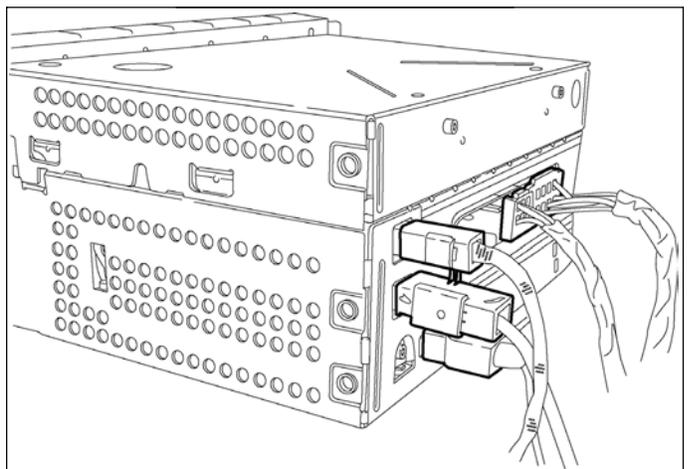
52. Remove the radio bezel screw.
53. Remove the radio bezel.
54. Remove the radio mounting fasteners.



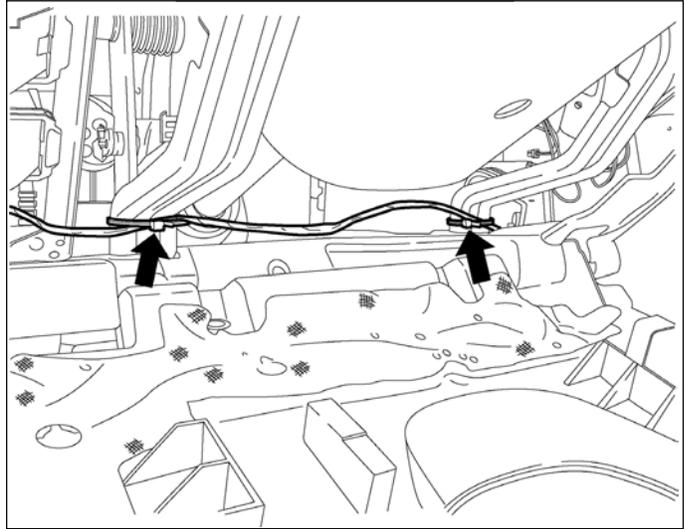
WARNING: Disable the airbag system before attempting any steering wheel, steering column, or instrument panel component diagnosis or service. Disconnect and isolate the negative battery (ground) cable, then wait two minutes for the airbag system capacitor to discharge before performing further diagnosis or service. Failure to take the proper precautions could result in accidental airbag deployment and possible personal injury or death.

CAUTION: Pulling the antenna cable straight out of the radio without pulling on the locking antenna connector could damage the cable or radio.

55. Disconnect the electrical harness connectors, radio antennas and remove the radio.

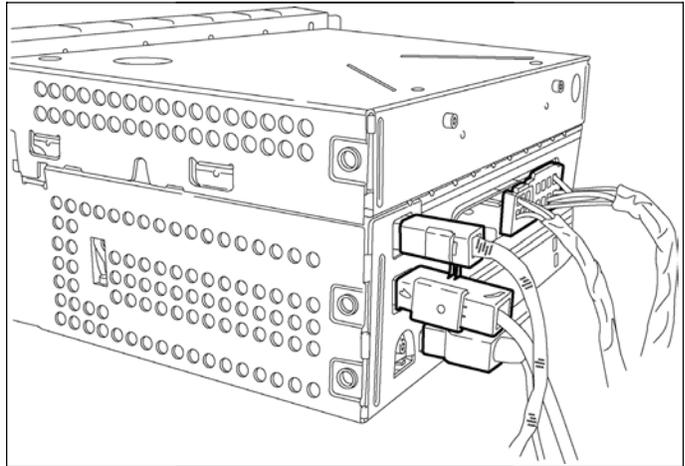


56. Lower the left side knee bolster finish panel.
57. Route the T-harness along knee bolster braces and behind radio opening and zip tie to the knee bolster braces.

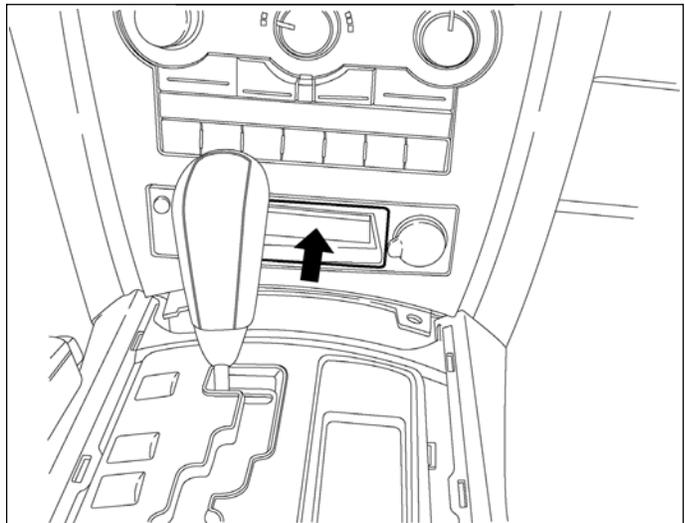


NOTE: Install the T-harness into the existing C3 radio if equipped, if not use the kit supplied C3 connector.

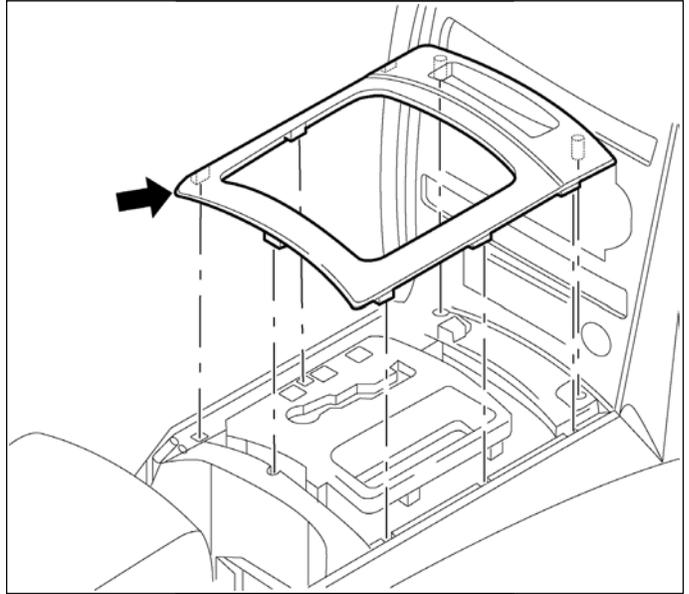
58. Install the electrical T-harness hardshell connector.
59. Connect the electrical harness and antenna connectors to radio.
60. Position radio to instrument panel. Install and tighten mounting fasteners.



61. Install instrument panel center bezel.
62. Install the radio bezel screw.

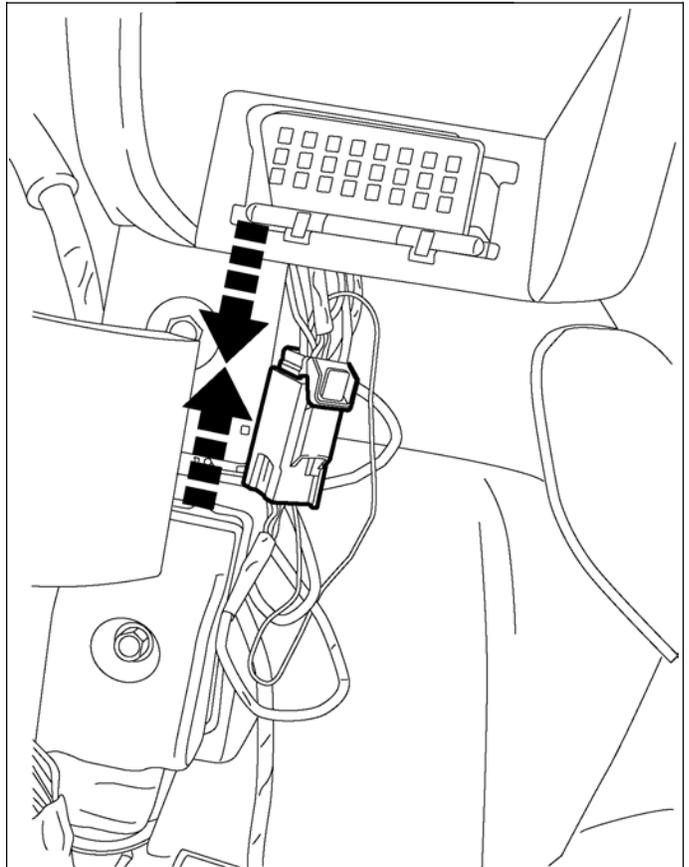


63. Install the shifter bezel.

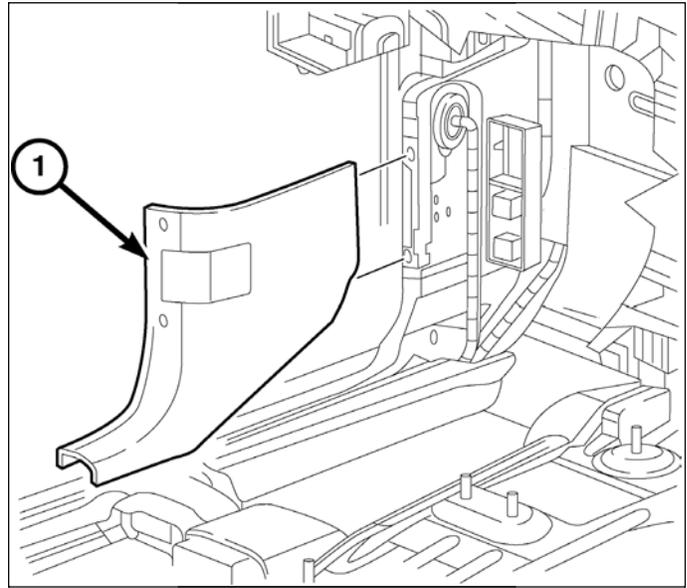


64. Connect the T-harness and camera extension harness.

65. Raise the left side knee bolster finish panel.

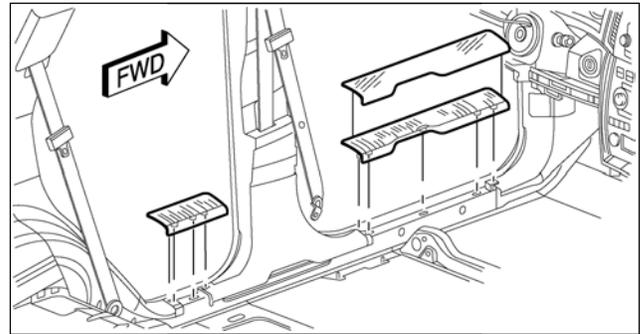


66. Install the cowl trim panel (1).



67. Install the front door scuff plate.

68. Install the rear door scuff plate.

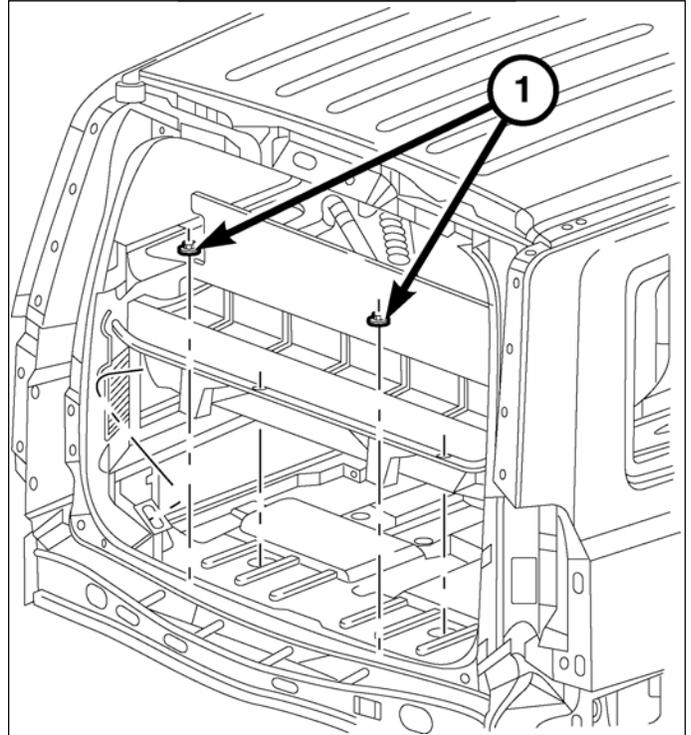


69. Position back the C-pillar moulding.

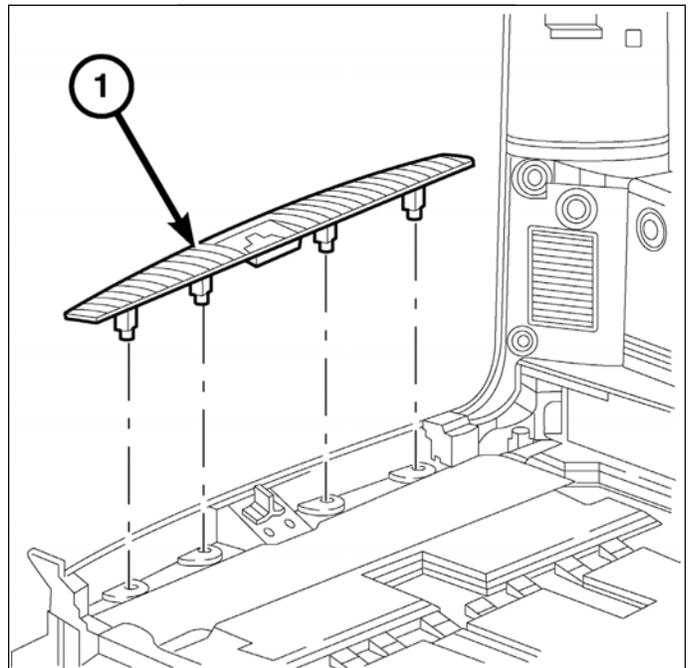


70. Install the load floor tray.

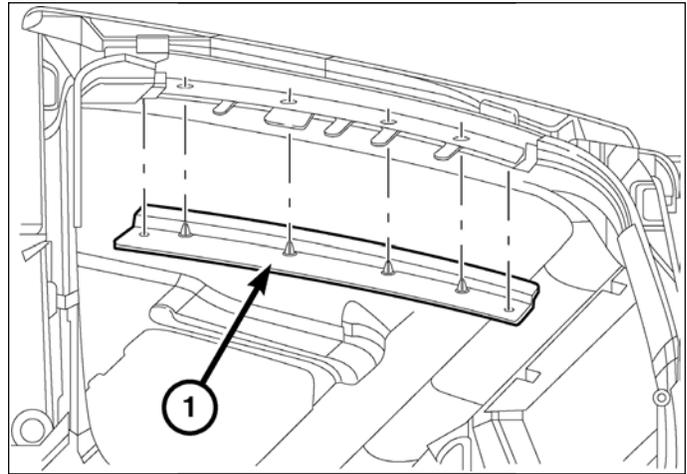
71. Install the load floor tray nuts (1).



72. Position the liftgate scuff plate to the liftgate door sill and engage the retaining tabs that secure the scuff plate (1) to the door sill.



73. Position the rear header molding (1) and seat the clips fully.
74. Center and install the “JEEP” logo on the lightbar, “Commander Only”.
75. Connect the battery negative cable.



PARK VIEW REAR BACK-UP CAMERA VEHICLE CONFIGURATION

Vehicle VIN must be updated with the sales code of the added accessory in order to enable system functionality. Using the DealerCONNECT website and the StarSCAN diagnostic tool, complete the procedure below:

1. Log on to <https://dealerconnect.chrysler.com>
2. In the “Vehicle Option” screen under the “Global Claims System” category in the “Service” tab, enter the vehicle VIN and add the sales code **XAC (Park View Rear Back-Up Camera)** as a “Dealer Installed Option”.
3. Confirm that the new sales code has been successfully added to the VIN.

With the StarSCAN diagnostic tool connected to both the internet (via Ethernet port or wireless connection) and the vehicle, follow the steps below:

4. Using the StarScan select the **VEHICLE PREPARATION** and then select **RESTORE VEHICLE CONFIGURATION**.
5. Follow the step by step instructions on the StarSCAN to complete the Park View Rear Back-Up Camera vehicle configuration.
6. When the **Park View Rear Back-Up Camera Vehicle Configuration** is complete, go to the **Validation Process** to verify that the vehicle has been updated.

VALIDATION PROCESS

From the “Initial Start Up” screen on the StarSCAN follow the steps below:

1. Using the StarSCAN follow the menu to **ECU VIEW**, select **TIPMCGW CENTRAL GATEWAY**, **MORE OPTIONS**, **ECU DETAILS** and then **CONFIG INFO**
2. Verify **REAR CAMERA PRESET- - -SET** is present.