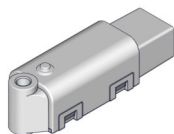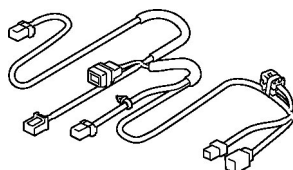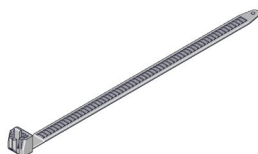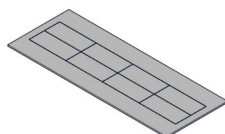|	Accessory	Application	Publications No.
HONDA			**VERSION 1**
INSTALLATION INSTRUCTIONS	**AMBIENT LIGHTS** P/N 08E10-TXM-100	**2022 INSIGHT**	Issue Date **MAY 2021**

PARTS LIST

2 Ambient lights

Ambient light harness

16 Wire ties

Fuse label

2 Self-tapping screws

TOOLS AND SUPPLIES REQUIRED

Phillips screwdriver

10 mm Open end wrench

Ratchet

10 mm Socket

Diagonal cutters

Isopropyl alcohol

Shop towel

Masking tape

Pushpin

Drill

3 mm, 5 mm, 6 mm, 8 mm, and 12 mm Drill bits

File

Eye protection (face shield, safety goggles, etc.)

The following tools are available through the Honda Tool and Equipment Program. On the iN, click on Service > Service Bay > Tool and Equipment Program, then enter the number under "Search." Or, call 888-424-6857.

- Trim Tool Set (T/N SOJATP2014)
- Plastic Trim Tool (T/N SILTRIMTL10)

### *Illustration of the Ambient Lights Installed in the Vehicle*
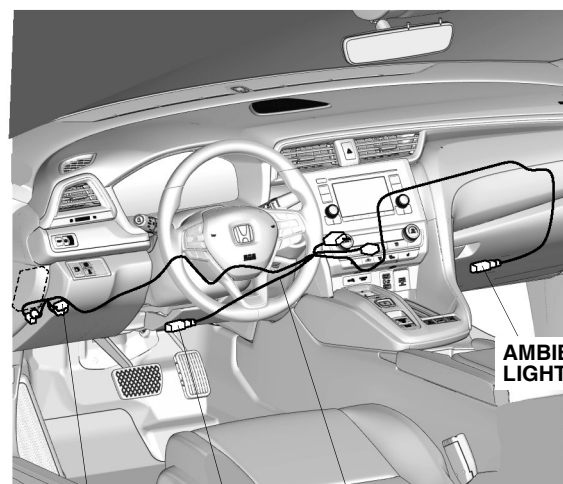
2 FUSES, 2A   **AMBIENT LIGHT**   **AMBIENT LIGHT HARNESS**   QGN1601AT

AMBIENT LIGHT

AII16648-03 (2105)   08E10-TXM-1000-90   **1 of 14**

INSTALLATION

> **Customer Information:** The information in this installation instruction is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely add equipment to your vehicle. These procedures should not be attempted by "do-it-yourselfers."

1. Remove the right side panel, and disconnect the negative cable from the battery.
   NOTE: Wait 3 minutes after turning the ignition to OFF before disconnecting the battery.
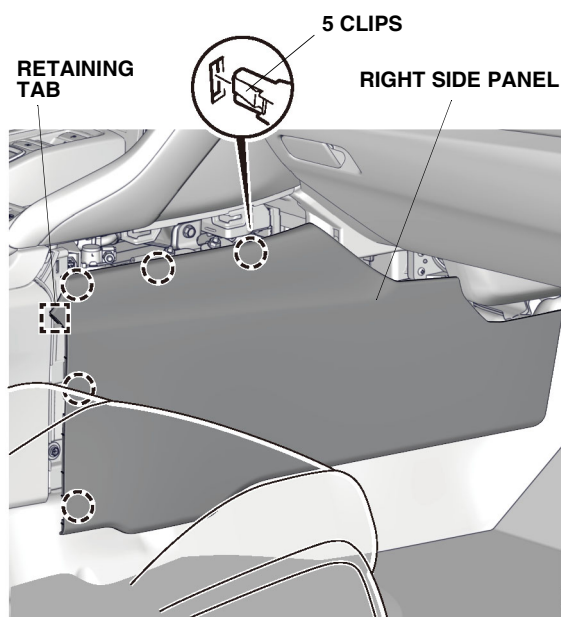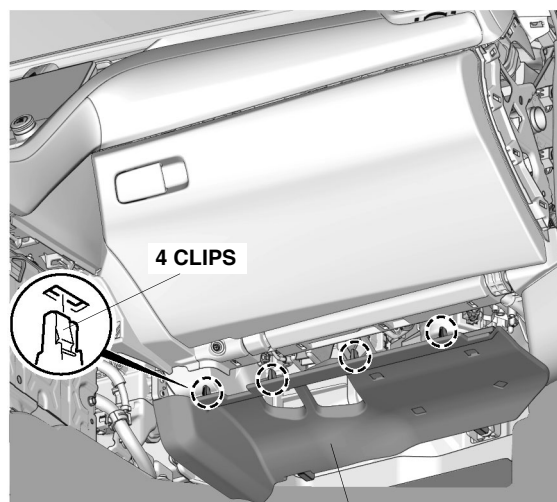

QG80701BT

2. Pull away the door opening seal, and remove the passenger's dashboard side lid.
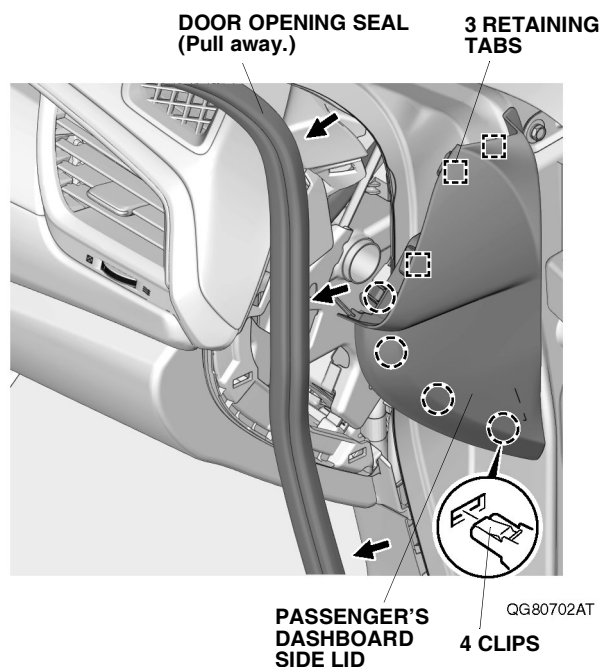
QG80702AT

3. Remove the passenger's under cover.

QG80703AT

AII16648-03 (2105)

4. Open the glove box, push inward on the glove box stops, and remove the glove box.

2 GLOVE BOX STOPS

GLOVE BOX

QG80704AT

5. Remove the glove box cover.

4 CLIPS

4 SELF-TAPPING SCREWS

2 CLIPS

2 BOLTS

GLOVE BOX COVER

QG80705AT
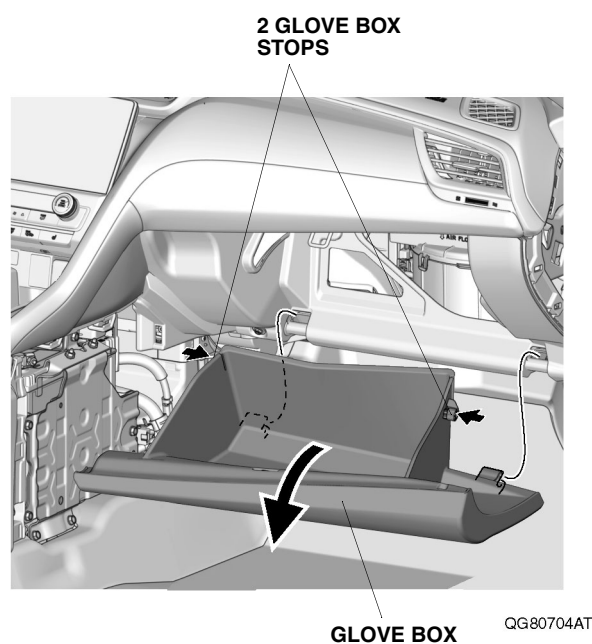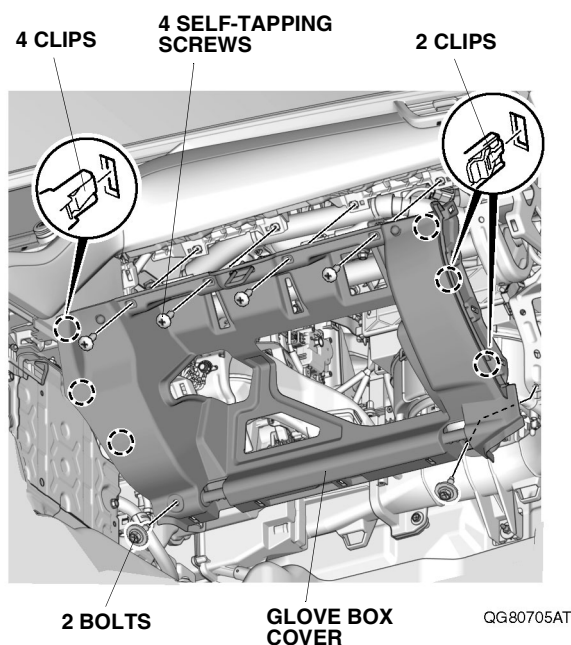
6. Remove the driver's dashboard lower cover, and unplug the vehicle connectors.

VEHICLE CONNECTORS

RETAINING TAB

ASPIRATOR HOSE

VEHICLE CONNECTOR

2 CLIPS

2 CLIPS

5 CLIPS

DRIVER'S DASHBOARD LOWER COVER

QGN2008AH

AII16648-03 (2105)
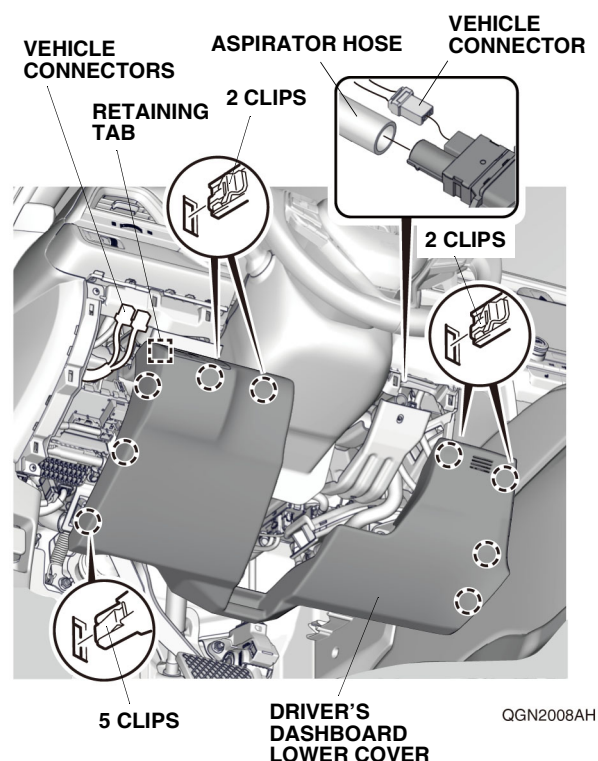
7. Apply masking tape as shown.

MASKING TAPE

CONSOLE INNER TRIM

SWITCH PANEL   **MASKING TAPE**

QG80712BT
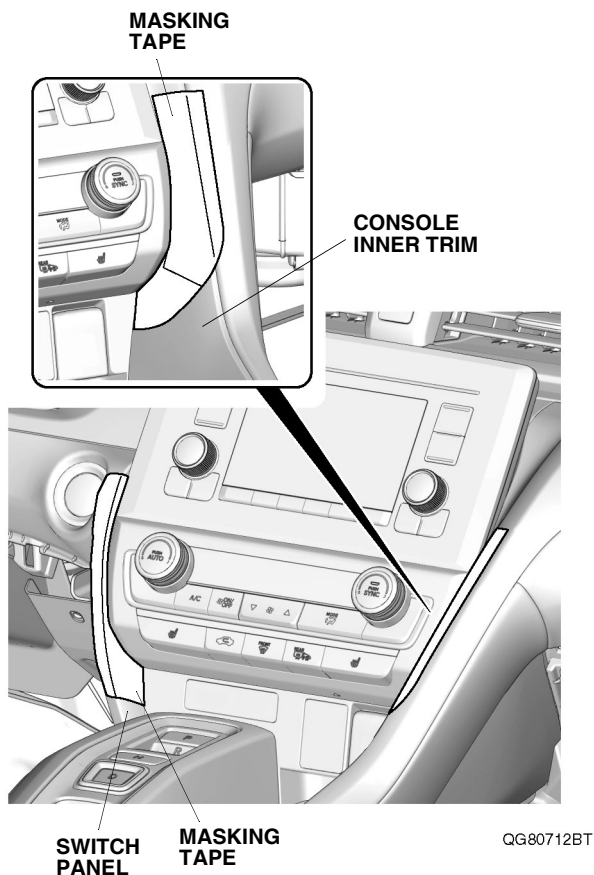
8. Remove the A/C control unit, and unplug the vehicle connector.

2 RETAINING TABS

4 CLIPS

A/C CONTROL UNIT   **VEHICLE CONNECTOR**

QG80713AT
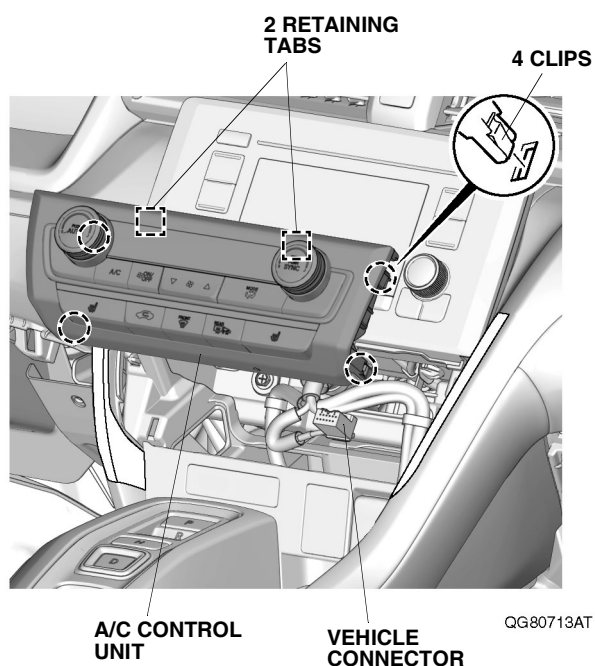
9. Remove the audio unit, and unplug the vehicle connectors.

6 CLIPS

AUDIO UNIT

2 BOLTS

VEHICLE BRACKET   **VEHICLE CLIP**   **VEHICLE CONNECTORS**

QG80714BT
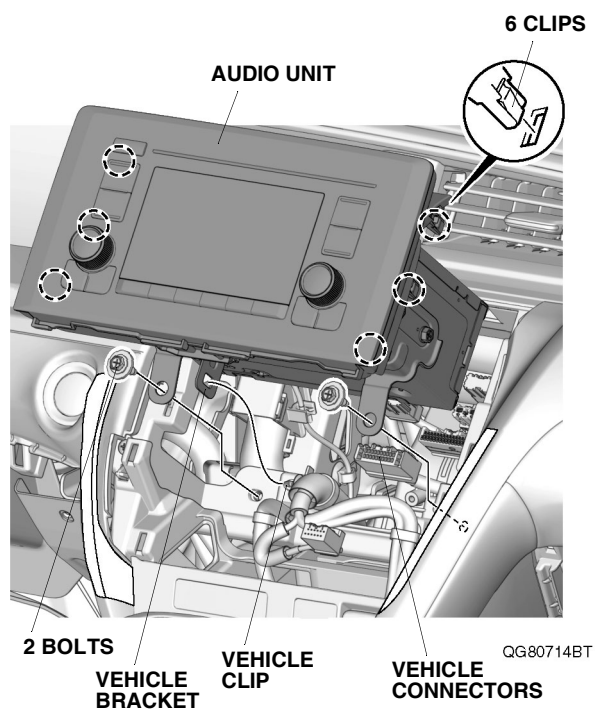
10. Using a pushpin, pierce the driver's dashboard lower cover as shown.
NOTE: Pierce the scribe marks perpendicular on the driver's dashboard lower cover.

DRIVER'S DASHBOARD LOWER COVER (inside)

PUSHPIN (Pierce perpendicular.)

●: 2 MARKS

SCRIBE MARK

DRIVER'S DASHBOARD LOWER COVER

QGN1602AT

AII16648-03 (2105)
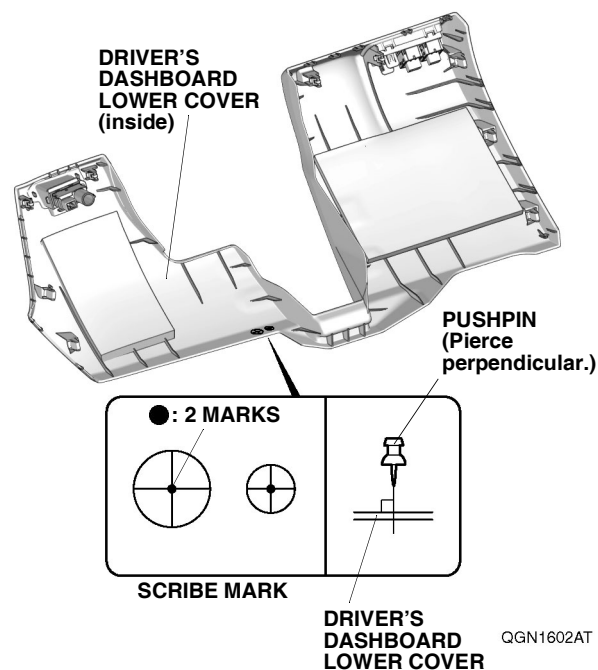
11. While wearing eye protection, drill the pierced mark on the driver's dashboard lower cover to 5 mm. First, drill with a 3 mm drill bit, then finish with a 5 mm drill bit.
    NOTE: Drill perpendicular to the driver's dashboard lower cover.

DRILL (Drill perpendicular.)

●: MARK

DRIVER'S DASHBOARD LOWER COVER (outside)

3 mm → 5 mm DRILL BIT

DRIVER'S DASHBOARD LOWER COVER

DRILL (Drill perpendicular.)

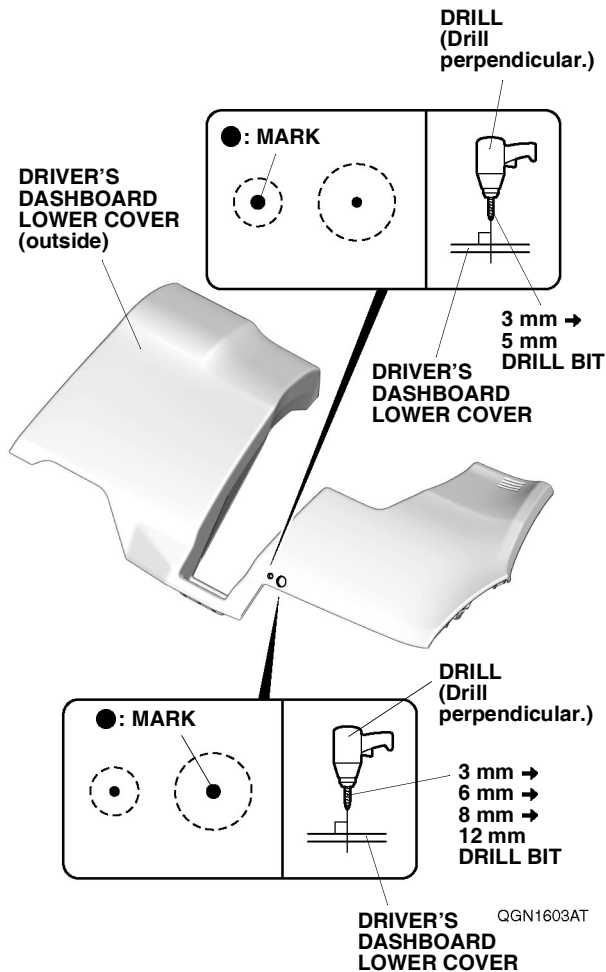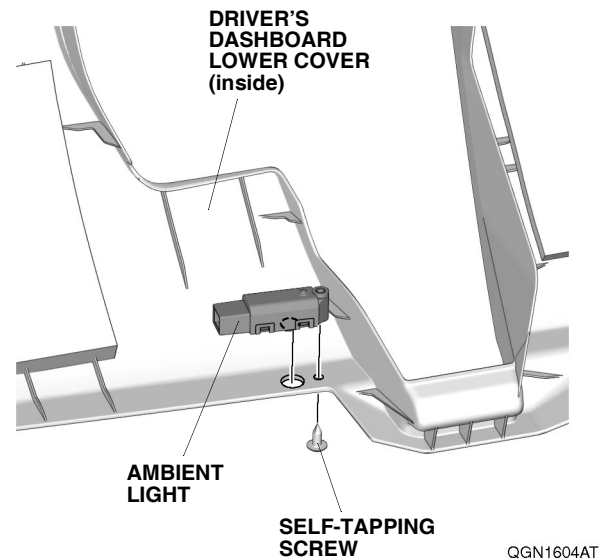**●: MARK**

3 mm → 6 mm → 8 mm → 12 mm DRILL BIT

DRIVER'S DASHBOARD LOWER COVER

QGN1603AT

12. While wearing eye protection, drill the pierced mark on the driver's dashboard lower cover to 12 mm. First, drill with a 3 mm drill bit, next, with a 6 mm drill bit, then with an 8 mm drill bit, and finish with a 12 mm drill bit.
    NOTE: Drill perpendicular to the driver's dashboard lower cover.

13. Using a file, remove any burrs from the holes.

14. Attach the ambient light to the driver's dashboard lower cover with the self-tapping screw.

DRIVER'S DASHBOARD LOWER COVER (inside)

AMBIENT LIGHT

SELF-TAPPING SCREW

QGN1604AT

15. Remove the insulator. Using a pushpin, pierce the passenger's under cover as shown.
    NOTE: Pierce the scribe marks perpendicular on the passenger's under cover.

PASSENGER'S UNDER COVER (inside)

INSULATOR

●: 2 MARKS

PUSHPIN (Pierce perpendicular.)

SCRIBE MARK

PASSENGER'S UNDER COVER

QGN1605AT

AII16648-03 (2105)

16. While wearing eye protection, drill the pierced mark on the passenger's under cover to 5 mm. First, drill with a 3 mm drill bit, then finish with a 5 mm drill bit. NOTE: Drill perpendicular to the passenger's under cover.
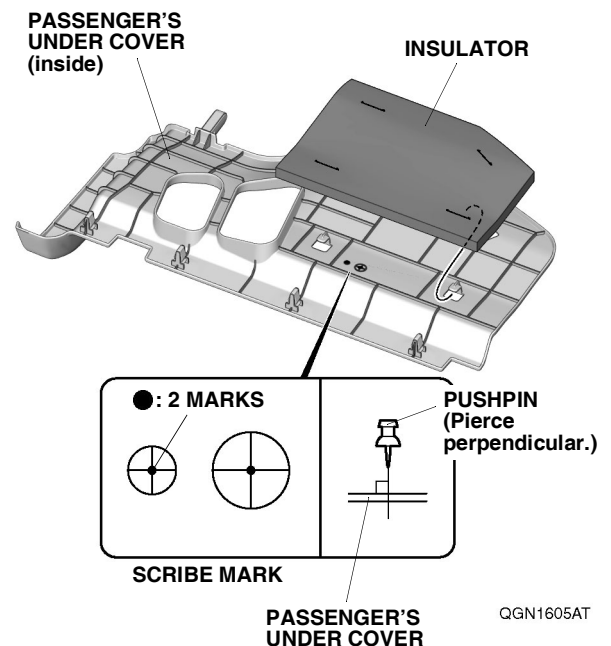

DRILL (Drill perpendicular.)

3 mm ➔ 5 mm DRILL BIT

●: **MARK**

PASSENGER'S UNDER COVER

PASSENGER'S UNDER COVER (outside)

DRILL (Drill perpendicular.)

3 mm ➔
6 mm ➔
8 mm ➔
12 mm DRILL BIT

●: **MARK**

PASSENGER'S UNDER COVER

QGN1606AT

17. While wearing eye protection, drill the pierced mark on the passenger's under cover to 12 mm. First, drill with a 3 mm drill bit, next, with a 6 mm drill bit, then with an 8 mm drill bit, and finish with a 12 mm drill bit. NOTE: Drill perpendicular to the passenger's under cover.

18. Using a file, remove any burrs from the holes.

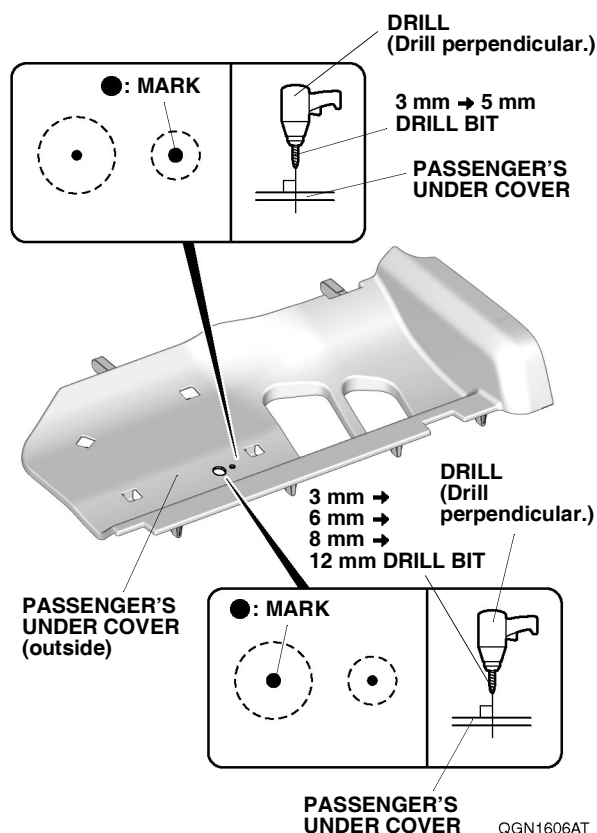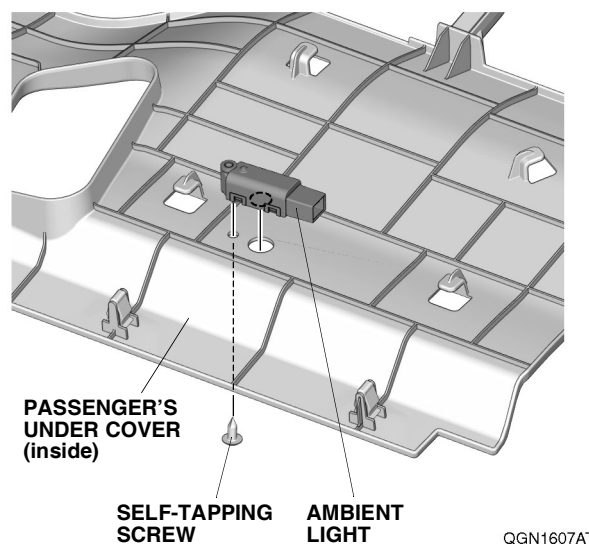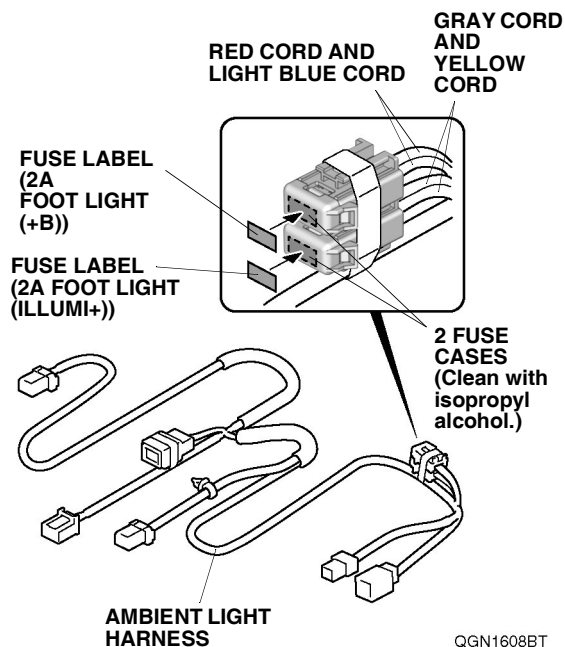19. Attach the ambient light to the passenger's under cover with the self-tapping screw.

PASSENGER'S UNDER COVER (inside)

SELF-TAPPING SCREW   **AMBIENT LIGHT**

QGN1607AT

20. Install the insulator.

21. Using isopropyl alcohol on a shop towel, thoroughly clean the fuse cases where the fuse labels will attach.

GRAY CORD AND YELLOW CORD

RED CORD AND LIGHT BLUE CORD

FUSE LABEL (2A FOOT LIGHT (+B))

FUSE LABEL (2A FOOT LIGHT (ILLUMI+))

2 FUSE CASES (Clean with isopropyl alcohol.)

AMBIENT LIGHT HARNESS

QGN1608BT
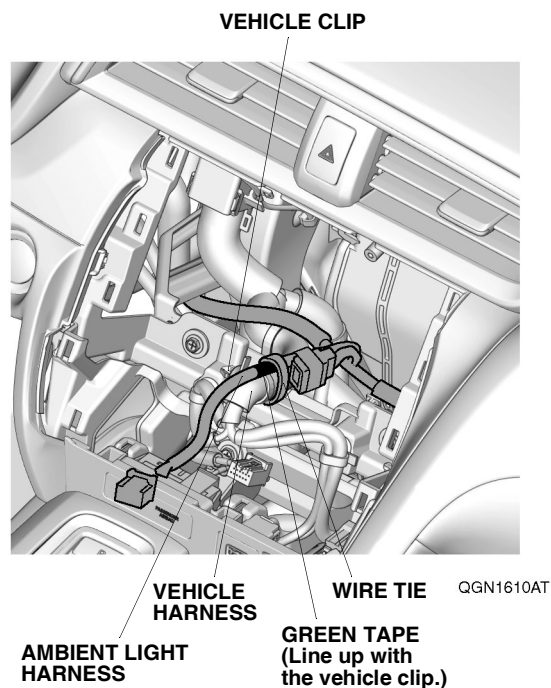
22. Apply the fuse labels to the ambient light harness fuse cases.

23. Route the ambient light harness as shown.
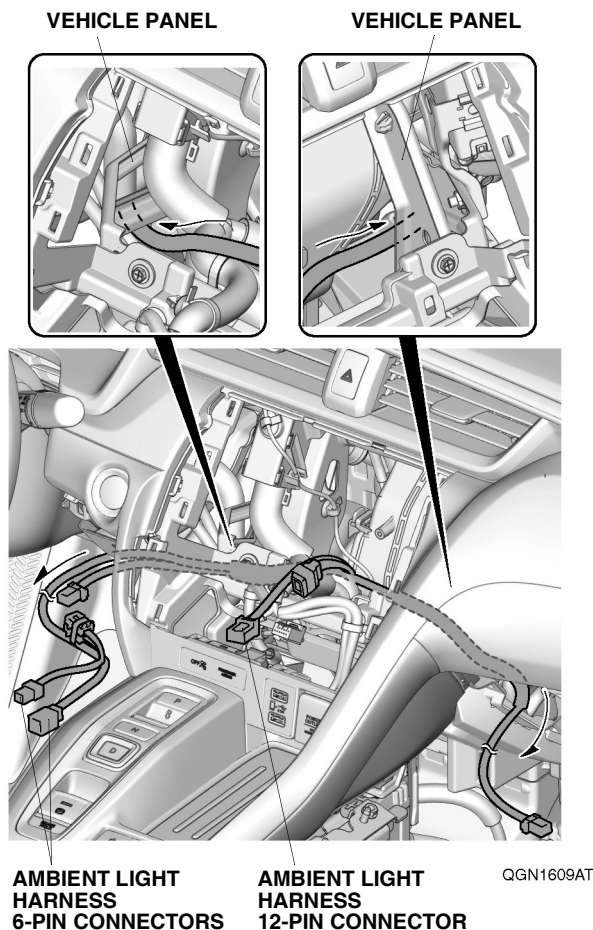
VEHICLE PANEL   **VEHICLE PANEL**

QGN1609AT

AMBIENT LIGHT HARNESS 6-PIN CONNECTORS

AMBIENT LIGHT HARNESS 12-PIN CONNECTOR

24. Line up the green tape on the ambient light harness with the vehicle clip, and secure the ambient light harness to the vehicle harness with one wire tie.

VEHICLE CLIP

WIRE TIE   QGN1610AT

VEHICLE HARNESS

GREEN TAPE (Line up with the vehicle clip.)

AMBIENT LIGHT HARNESS

25. Plug the vehicle or other accessory 12-pin connector into the ambient light harness 12-pin connector, and secure it to the vehicle harness with one wire tie.

WIRE TIE

QGN1611AT

VEHICLE OR OTHER ACCESSORY 12-PIN CONNECTOR

AMBIENT LIGHT HARNESS 12-PIN CONNECTOR

AMBIENT LIGHT HARNESS
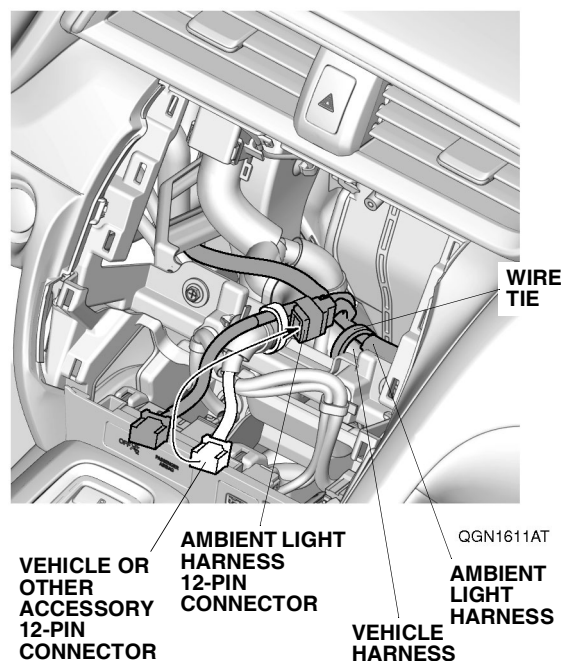
VEHICLE HARNESS

26. Secure the clip on the ambient light harness to the vehicle panel.
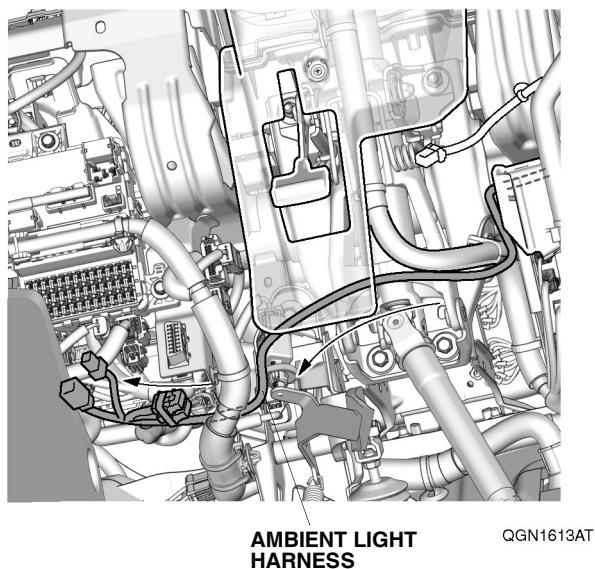

VEHICLE PANEL **AMBIENT LIGHT HARNESS**

WIRE TIE

VEHICLE PANEL

CLIP QGN1612AT
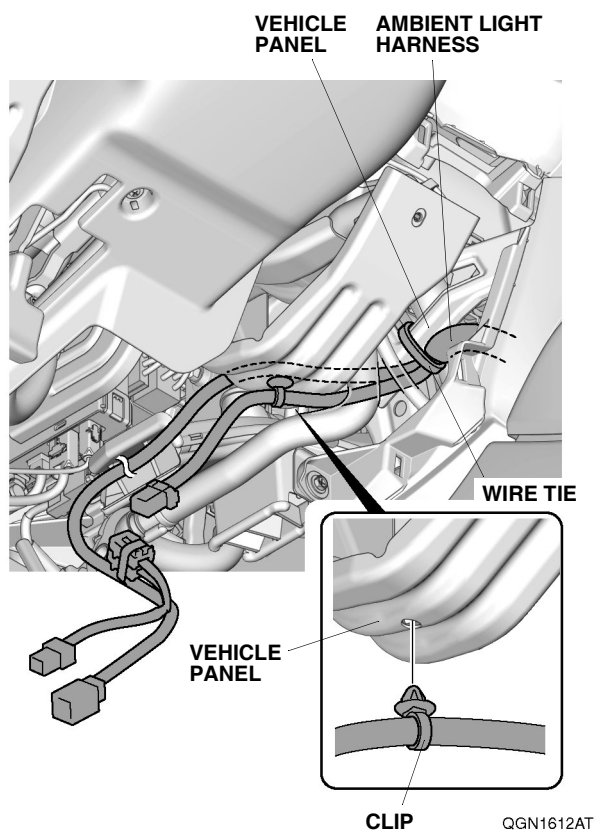
27. Secure the ambient light harness to the vehicle panel with one wire tie.

28. Route the ambient light harness as shown.

AMBIENT LIGHT HARNESS QGN1613AT

If the vehicle is equipped with another accessory (including parking sensors), go to step 31. If the vehicle is equipped with another accessory (except parking sensors), go to step 33; otherwise continue with step 29.

Without Another Accessory

29. Plug the ambient light harness 6-pin connector into the vehicle 6-pin connector.

FRONT VIEW

FUSE BOX

VEHICLE 6-PIN CONNECTOR

Plug in here.

FUSE BOX

AMBIENT LIGHT HARNESS 6-PIN CONNECTOR QGN1614AT

AII16648-03 (2105)
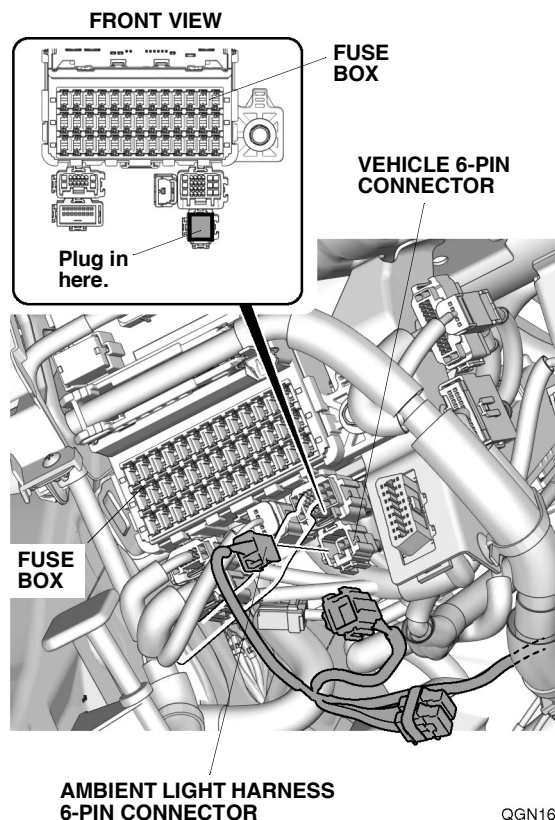
30. Attach the ambient light harness 6-pin connector to the vehicle 6-pin connector. Go to step 35.

FRONT VIEW

FUSE BOX

Attach here.

VEHICLE 6-PIN CONNECTOR

FUSE BOX

AMBIENT LIGHT HARNESS 6-PIN CONNECTOR

QGN1615AT
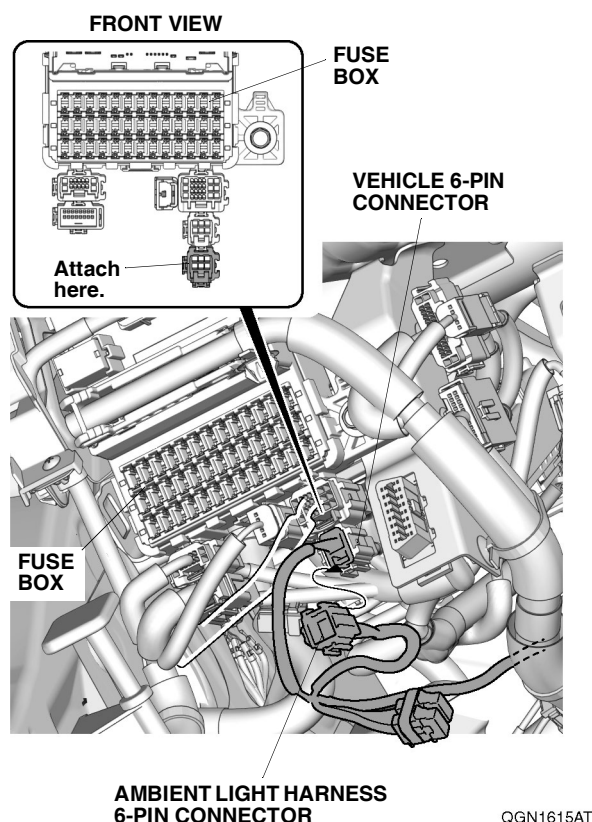
With Another Accessory (Including Parking Sensors)

31. If the parking sensor harness 6-pin connector is plugged into the vehicle 6-pin connector, plug the ambient light harness 6-pin connector into the parking sensor harness 6-pin connector.

FRONT VIEW

OTHER ACCESSORY HARNESS 6-PIN CONNECTOR (if equipped)

Plug in here.

FUSE BOX

FUSE BOX

VEHICLE 6-PIN CONNECTOR

QGN1616AT

AMBIENT LIGHT HARNESS 6-PIN CONNECTOR

PARKING SENSOR HARNESS 6-PIN CONNECTOR

AMBIENT LIGHT HARNESS 6-PIN CONNECTOR
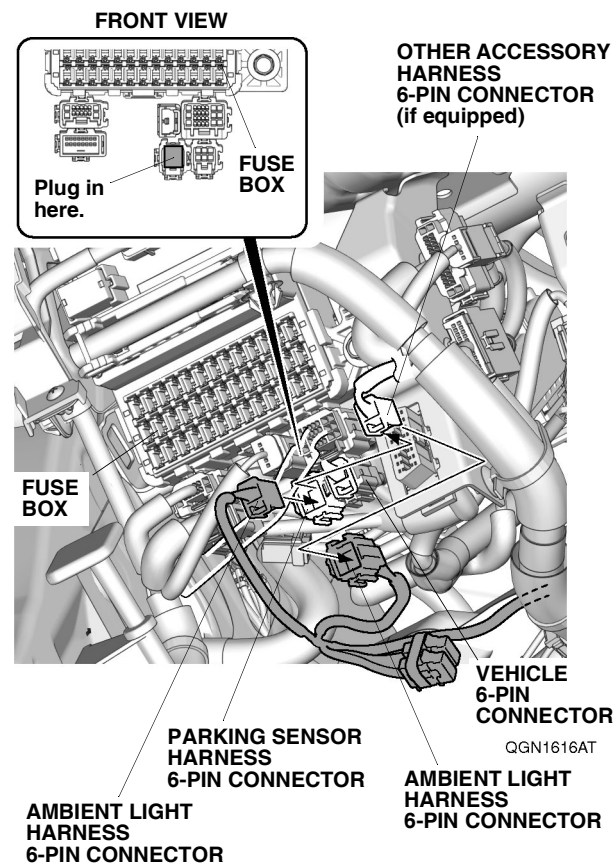
32. Attach the ambient light harness 6-pin connector to any of the positions shown. Go to step 35.

FRONT VIEW — **FUSE BOX**

VEHICLE 6-PIN CONNECTOR OR OTHER ACCESSORY HARNESS 6-PIN CONNECTOR

Attach to either.

FUSE BOX

AMBIENT LIGHT HARNESS 6-PIN CONNECTOR

QGN1617AT

With Another Accessory (Except Parking Sensors)

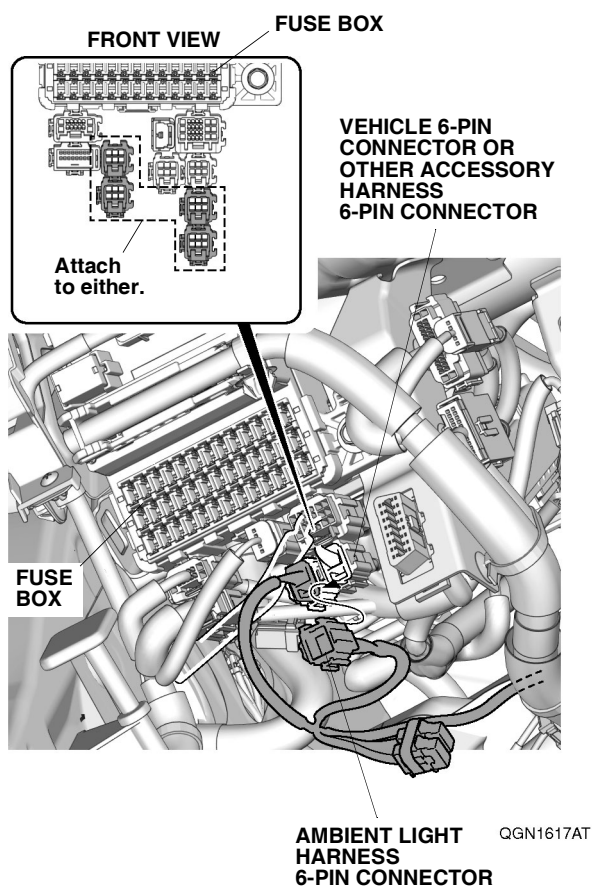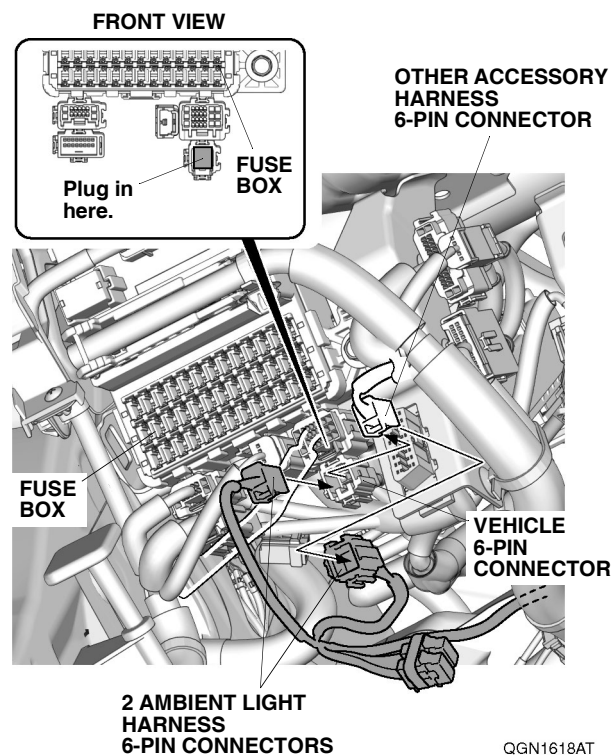33. If the other accessory harness 6-pin connector is plugged into the vehicle 6-pin connector, unplug it and plug it into the ambient light harness 6-pin connector. Then, plug the ambient light harness 6-pin connector into the vehicle 6-pin connector.

FRONT VIEW

OTHER ACCESSORY HARNESS 6-PIN CONNECTOR

Plug in here. **FUSE BOX**

FUSE BOX

VEHICLE 6-PIN CONNECTOR

2 AMBIENT LIGHT HARNESS 6-PIN CONNECTORS

QGN1618AT

34. Attach the 6-pin connectors to any of the positions shown.

FRONT VIEW **FUSE BOX**

VEHICLE 6-PIN CONNECTOR OR OTHER ACCESSORY HARNESS 6-PIN CONNECTOR

Attach to either.

FUSE BOX

6-PIN CONNECTORS

QGN1619AT

35. Secure the ambient light harness to the vehicle harness and bracket with the four wire ties.

WIRE TIE (Cut off.) **OTHER ACCESSORY HARNESS**

WITH OTHER ACCESSORY HARNESS

WIRE TIE

VEHICLE HARNESS

VEHICLE HARNESS

VEHICLE CLIP

OTHER ACCESSORY HARNESS **VEHICLE HARNESSES** **AMBIENT LIGHT HARNESS**

4 WIRE TIES

VEHICLE HARNESS **AMBIENT LIGHT HARNESS** **VEHICLE BRACKET**

VEHICLE BRACKET **OTHER ACCESSORY HARNESS** **AMBIENT LIGHT HARNESS**

WIRE TIE

OTHER ACCESSORY HARNESS

WIRE TIE (Cut off.) **WITH OTHER ACCESSORY HARNESS** **VEHICLE BRACKET**

QGN1620BT

AII16648-03 (2105)

36. Secure the ambient light harness to the vehicle duct with the two wire ties.
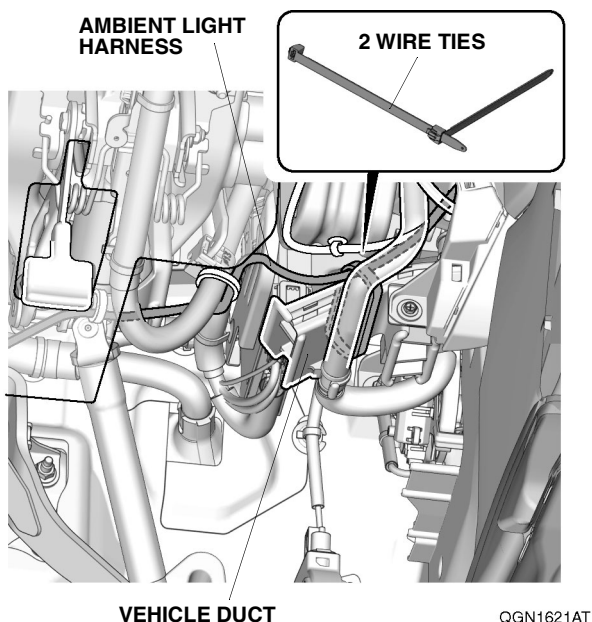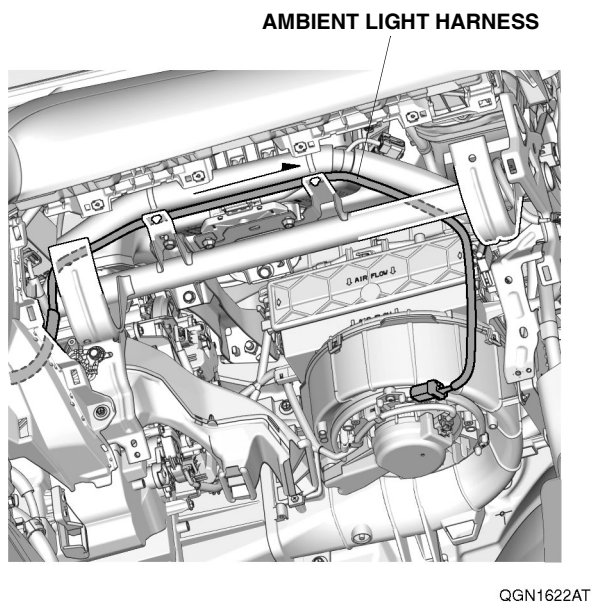
AMBIENT LIGHT HARNESS

2 WIRE TIES

VEHICLE DUCT

QGN1621AT

37. Route the ambient light harness as shown.
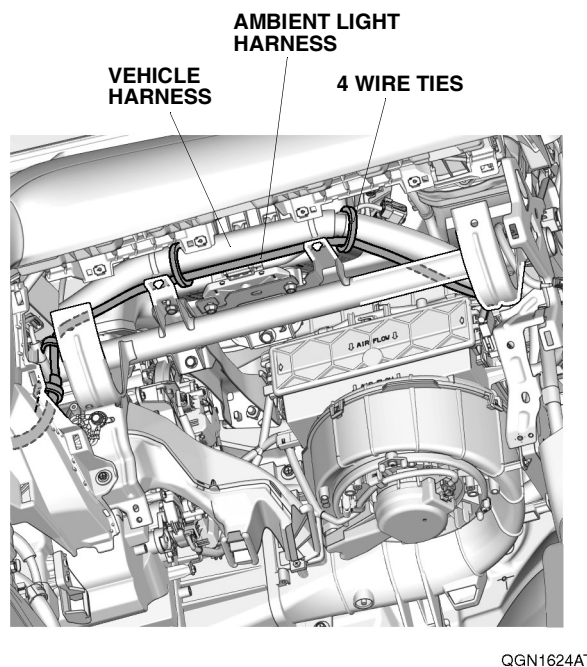
AMBIENT LIGHT HARNESS

QGN1622AT

38. Line up the green tape on the ambient light harness with the vehicle clip, and secure the ambient light harness to the vehicle harness with one wire tie.

GREEN TAPE
(Line up with the vehicle clip.)

VEHICLE HARNESS

VEHICLE CLIP

AMBIENT LIGHT HARNESS

3 WIRE TIES

QGN1623AT
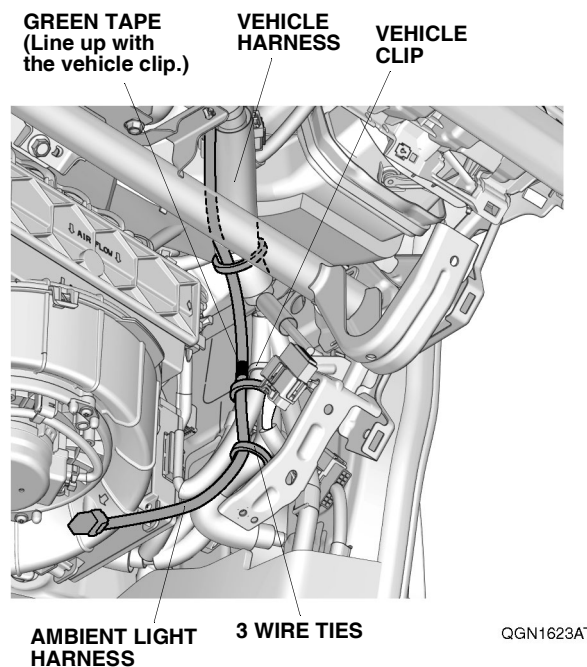
39. Secure the ambient light harness to the vehicle harness with the two wire ties.

40. Secure the ambient light harness to the vehicle harness with the four wire ties.

AMBIENT LIGHT HARNESS

VEHICLE HARNESS

4 WIRE TIES

QGN1624AT

41. Install the audio unit.

A/C CONTROL UNIT

**AMBIENT LIGHT
HARNESS
12-PIN CONNECTOR**

QGN1625AT

42. Plug the ambient light harness 12-pin connector into the A/C control unit, and install the A/C control unit.

43. Plug the ambient light harness 4-pin connector into the ambient light, and install the driver's dashboard lower cover.
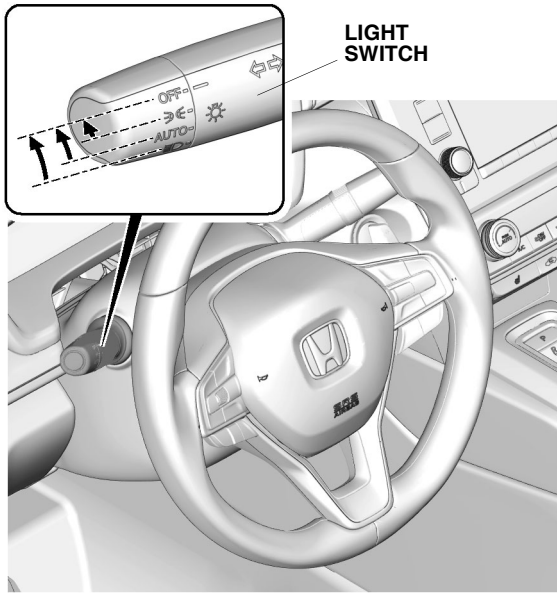
**AMBIENT LIGHT
HARNESS
4-PIN CONNECTOR**

**DRIVER'S
DASHBOARD
LOWER COVER** **AMBIENT LIGHT** QGN1626AT
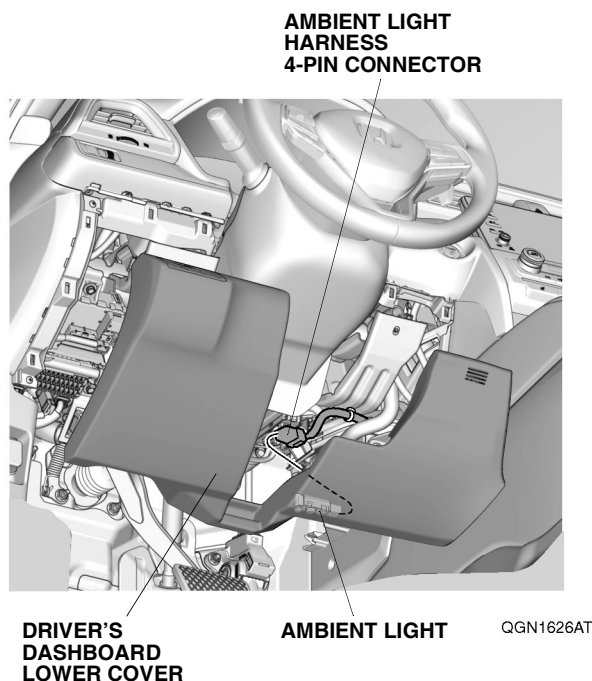
44. Install the glove box cover and the glove box.

**AMBIENT LIGHT
HARNESS
4-PIN CONNECTOR**

AMBIENT LIGHT

QGN1627AT

**PASSENGER'S
UNDER COVER**
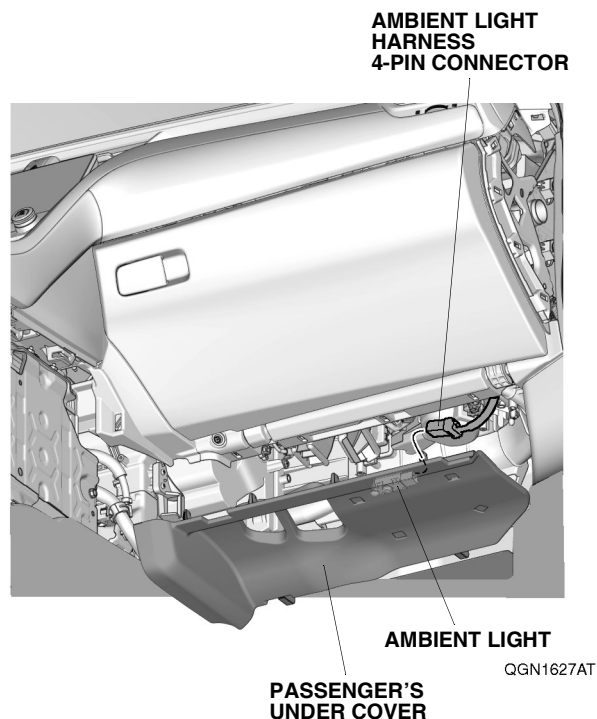
45. Plug the ambient light harness 4-pin connector into the ambient light, and install the passenger's under cover.

46. Check that all wire harnesses are routed properly and all connectors are plugged in.

47. Install all removed parts except for the right side panel.

48. Connect the negative cable to the battery.

49. Install the right side panel.

50. Press and hold the audio unit power button for 2 seconds to restore the audio and navi (if equipped) system functions.

51. Set the clock on vehicles without navigation.

52. If necessary, restore the systems back to normal operation as described in the service information.

AII16648-03 (2105)

Check the Operation of the Ambient Light

53. Set the light switch to the ⚟ or ⚟ position, and make sure the ambient lights are on.

54. Set the headlight switch to the AUTO position, and make sure the ambient lights are on with the parking lights or headlights.

55. Check that the ambient light brightness varies along with the instrument panel brightness by turning the brightness control knob.

56. Make sure the ambient lights come on when you open each door.

57. If the ambient lights do not come on, check the fuse and all of the connectors.

LIGHT SWITCH

QGN1628AT