



HONDA INSTALLATION INSTRUCTIONS

Accessory

AMBIENT LIGHTS
P/N 08E10-TRW-100

Application

2018 CLARITY
(All Clarity Vehicles)

Publications No.

VERSION 1

Issue Date

NOV 2017

PARTS LIST

2 Ambient lights



Ambient light harness



6 Wire ties



Fuse label



2 Self-tapping screws



3 Aluminum tapes



3 Wire ties with clip A



Wire tie with clip B



EPT sealer



Template

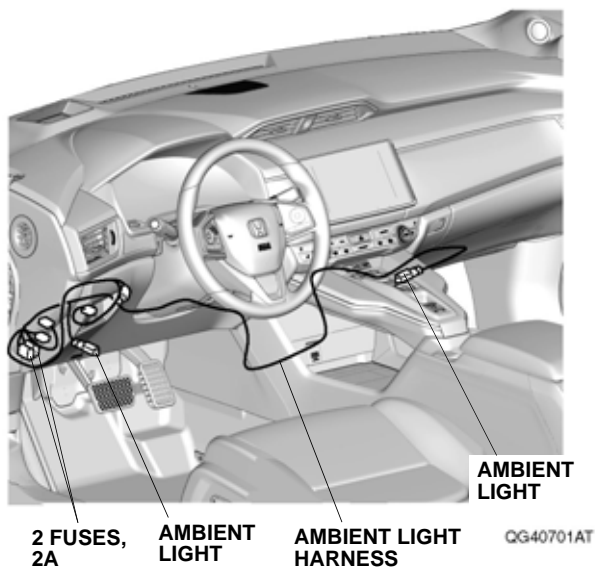


TOOLS AND SUPPLIES REQUIRED

Phillips screwdriver
10 mm Open end wrench
Ratchet
10 mm Socket
Ruler
Masking tape
Scissors
Diagonal cutters
Isopropyl alcohol
Shop towel
Steel wire
Electrical 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



INSTALLATION

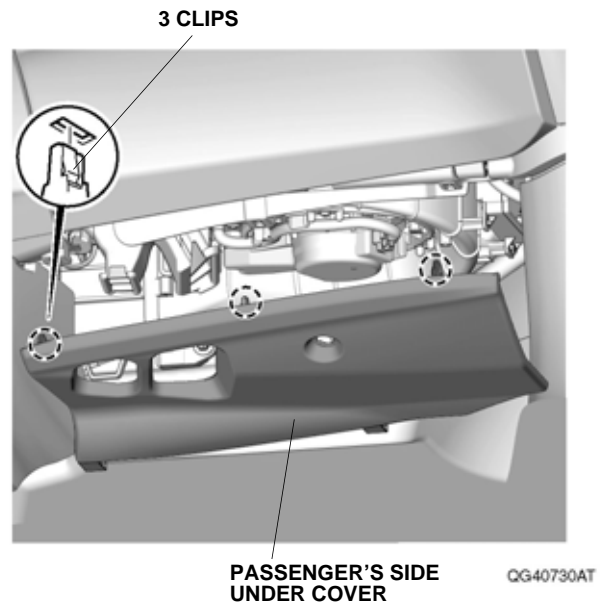
Customer Information: The information in this installation instruction is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely add equipment to your vehicle. These procedures should not be attempted by "do-it-yourselfers."

1. Disconnect the negative cable from the battery.

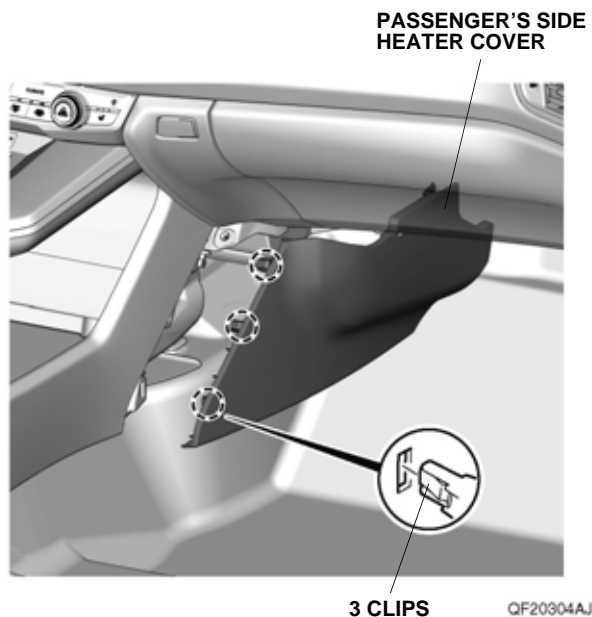
CAUTION

The procedure for disconnecting the negative cable from the battery varies according to the vehicle. For your safety refer to the service information.

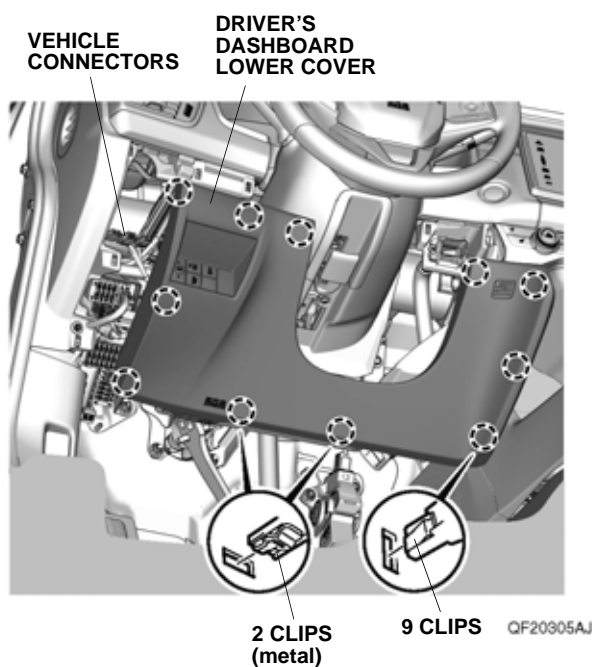
2. Remove the passenger's side under cover.



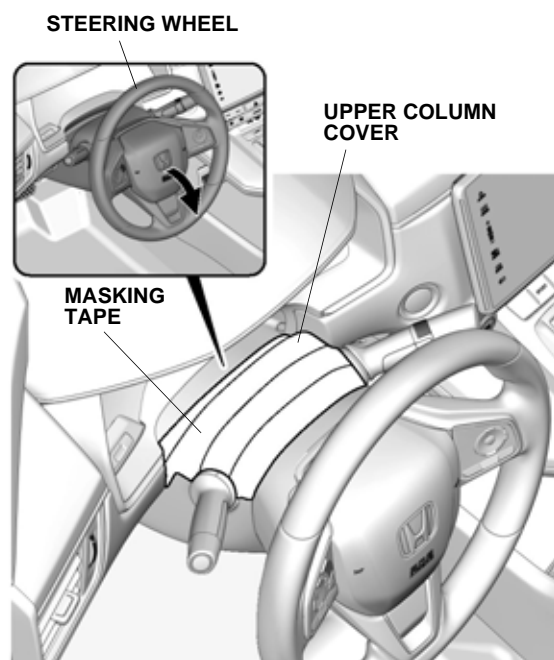
3. Remove the passenger's side heater cover.



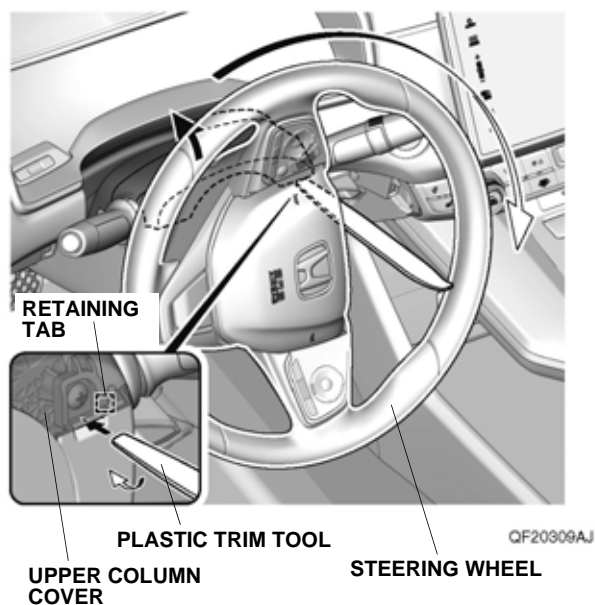
4. Remove the driver's dashboard lower cover, and unplug the vehicle connectors.



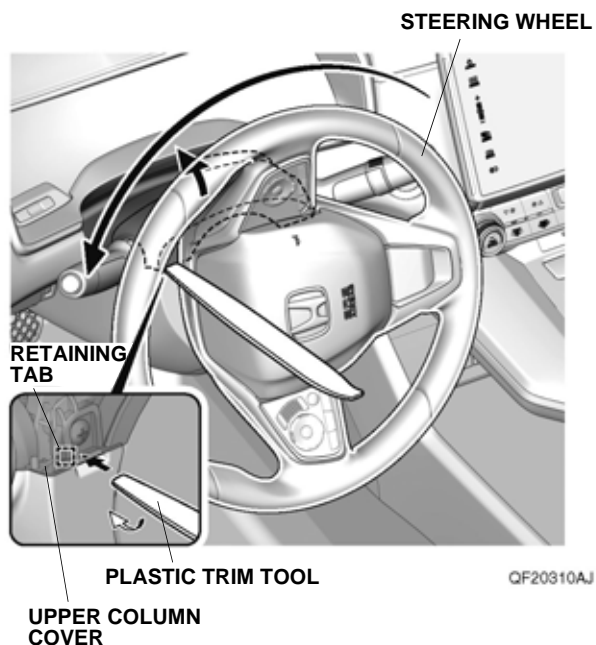
5. Lower the steering wheel, and apply masking tape as shown.



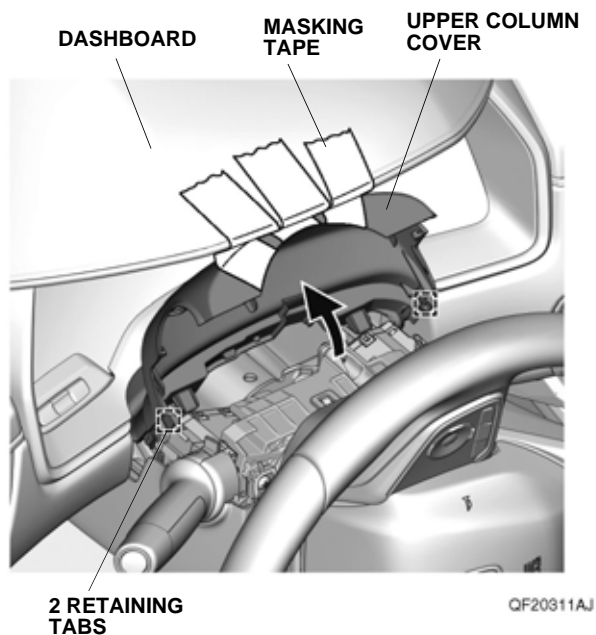
6. Turn the steering wheel 90° clockwise. Using a plastic trim tool, release one retaining tab.



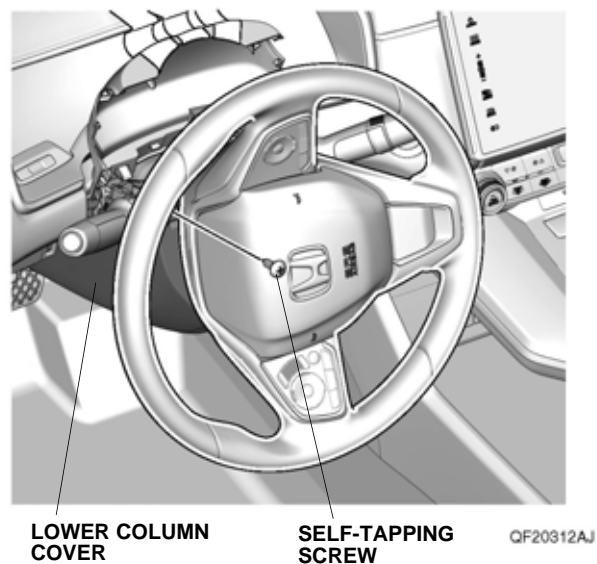
7. Turn the steering wheel 180° counterclockwise. Using a plastic trim tool, release one retaining tab.



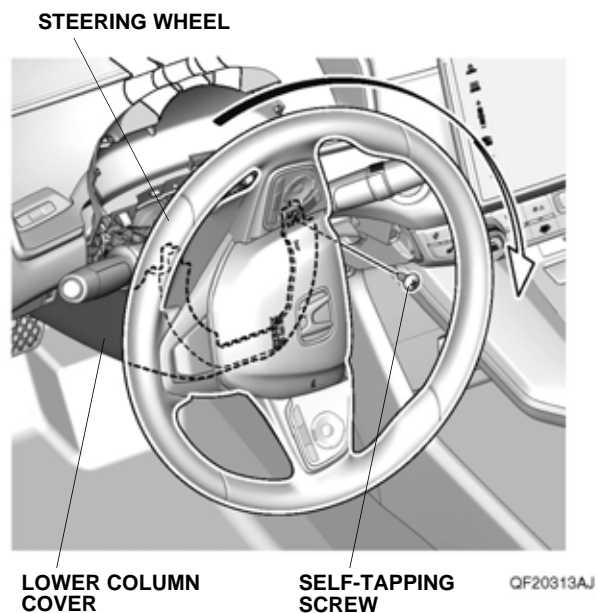
8. Release the upper column cover, and tape it to the dashboard.



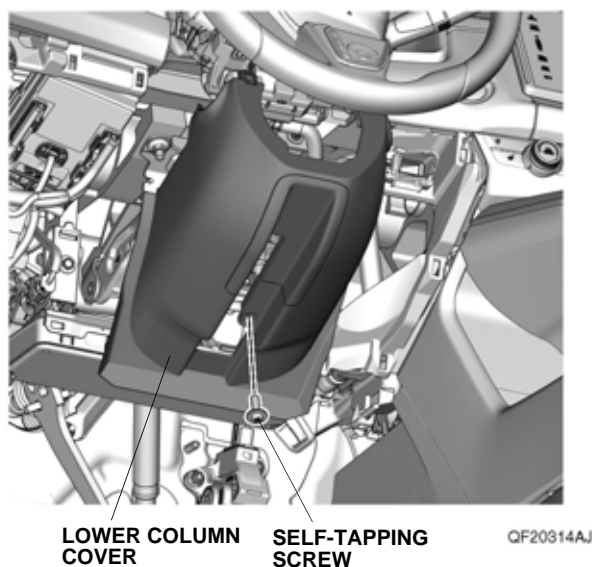
9. Remove the self-tapping screw from the lower column cover.



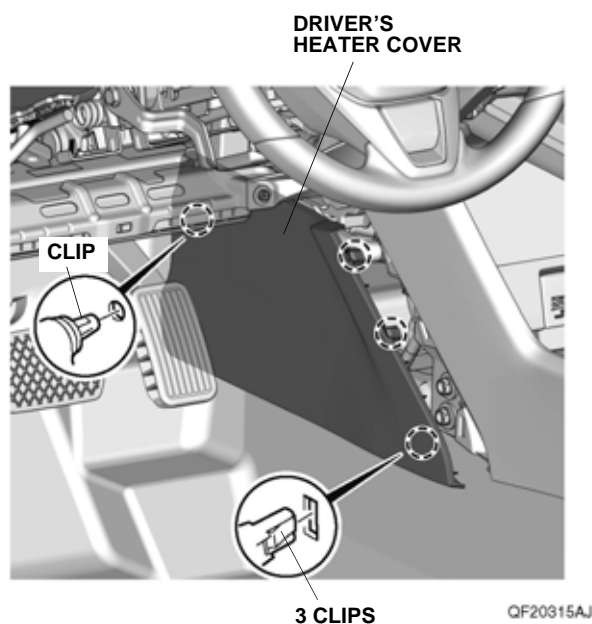
10. Turn the steering wheel 180° clockwise, and remove the self-tapping screw from the lower column cover.



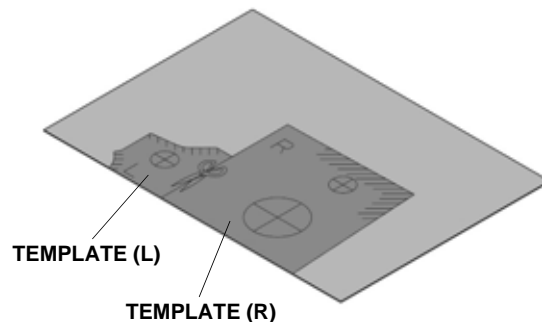
11. Remove the lower column cover.



12. Remove the driver's heater cover.

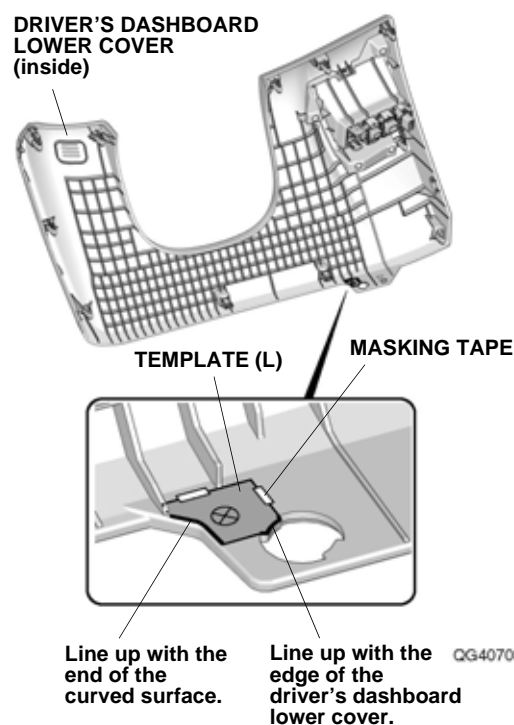


13. Using scissors, cut the template into two pieces.

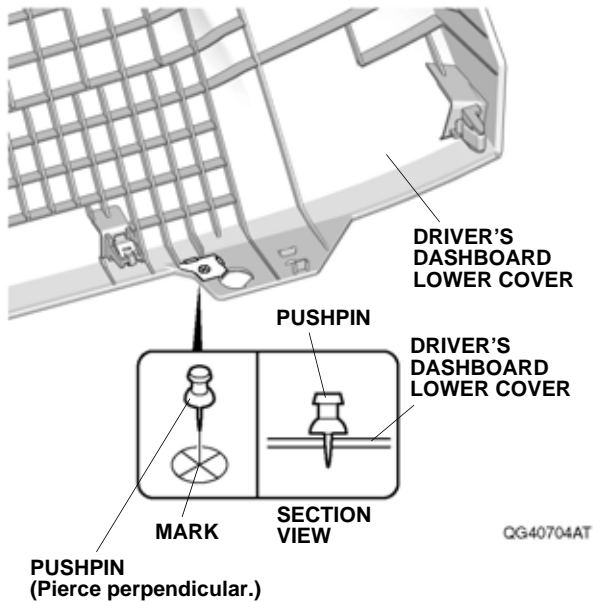


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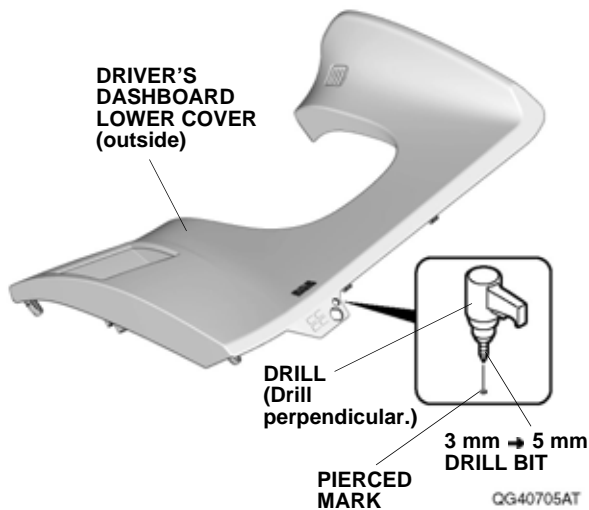
14. Secure the template to the driver's dashboard lower cover with masking tape.



15. Using a pushpin, pierce the center of the mark on the template.

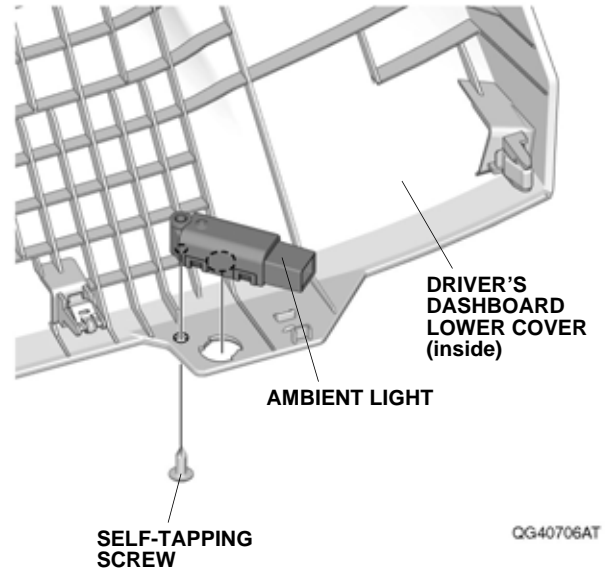


16. Remove the template.
17. While wearing eye protection, drill one pierced mark with a 3 mm drill bit, then finish with a 5 mm drill bit.

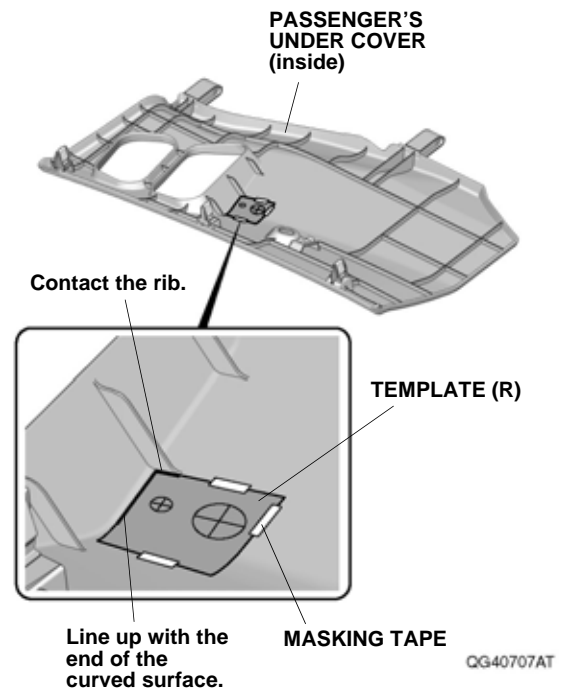


18. Using a file, remove any burrs from the hole.

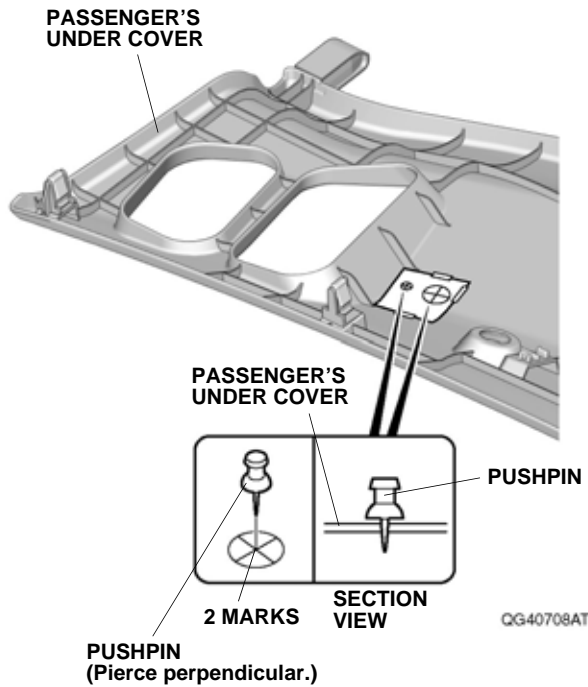
19. Install the ambient light to the driver's dashboard lower cover with one self-tapping screw.



20. Secure the template to the passenger's under cover with masking tape.

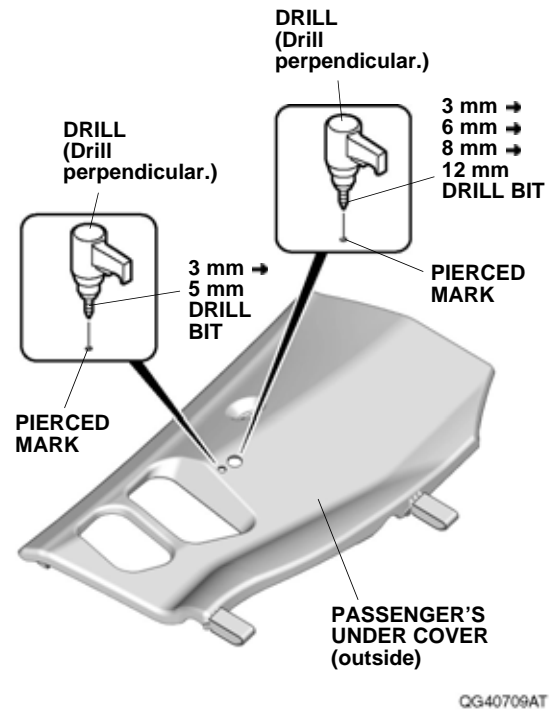


21. Using a pushpin, pierce the center of the two marks on the template.

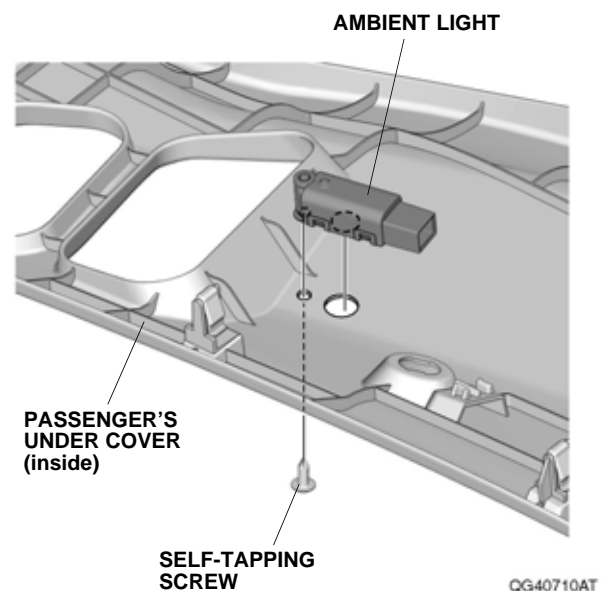


22. Remove the template.

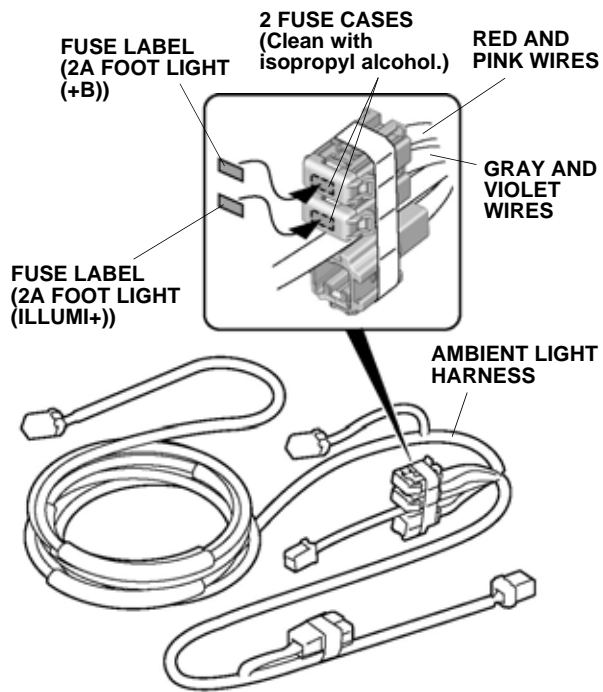
23. While wearing eye protection, drill one pierced mark with a 3 mm drill bit, then finish with a 5 mm drill bit.



24. While wearing eye protection, drill the other pierced mark with a 3 mm drill bit, with a 6 mm drill bit, with an 8 mm drill bit, then finish with a 12 mm drill bit.
25. Using a file, remove any burrs from the holes.
26. Install the ambient light to the passenger's under cover with one self-tapping screw.

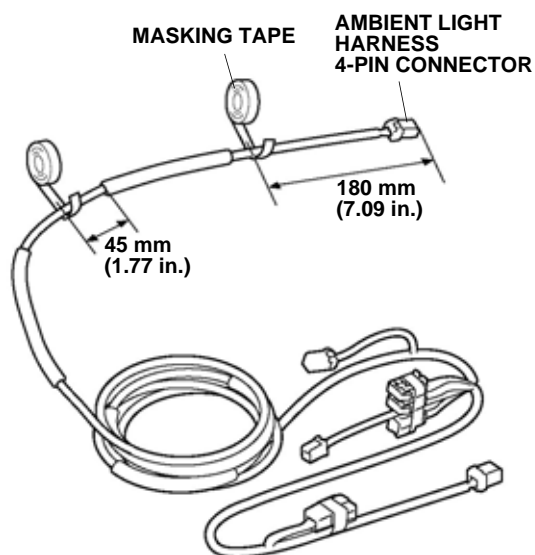


27. Using isopropyl alcohol on a shop towel, thoroughly clean the ambient light harness fuse cases where the fuse labels will attach.



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28. Apply the fuse labels to the ambient light harness fuse cases.
29. Using a ruler and masking tape, mark the ambient light harness as shown.

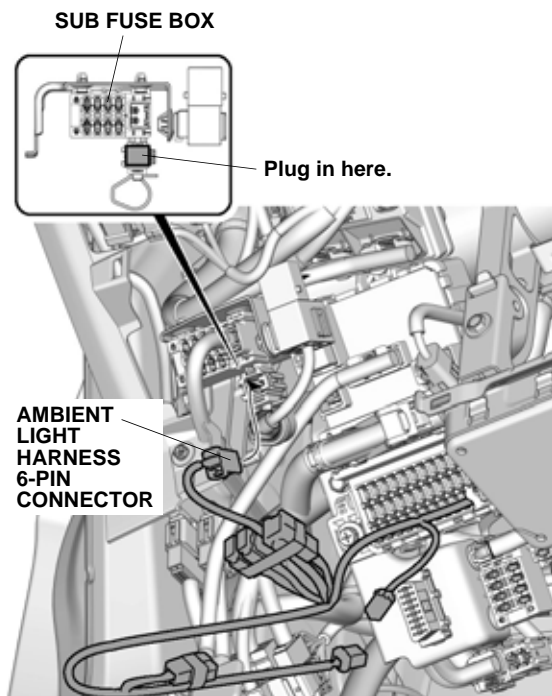


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If the vehicle is without another accessory harness 6-pin connector, continue with step 30; otherwise, go to step 31.

Without Another Accessory Harness 6-Pin Connector

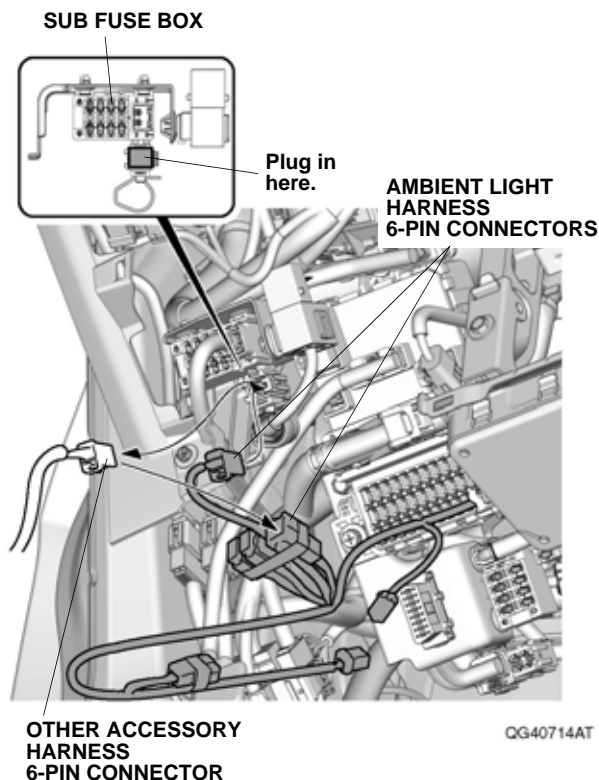
30. Plug the ambient light harness 6-pin connector into the vehicle 6-pin connector. Go to step 32.



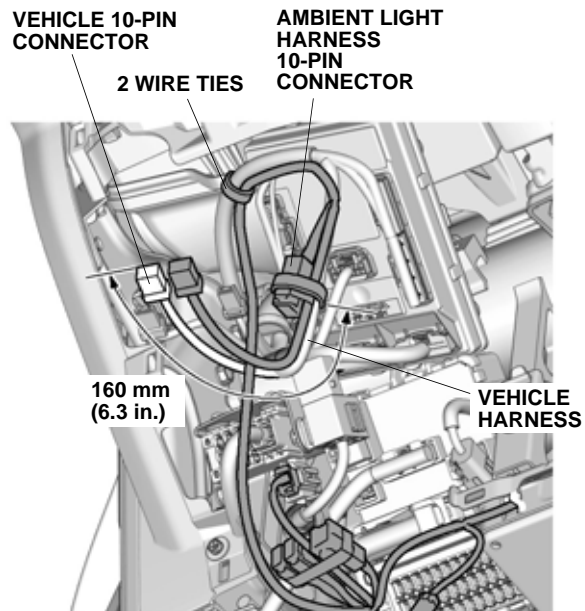
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With Another Accessory Harness 6-Pin Connector

31. If the another accessory harness 6-pin connector is plugged into the vehicle 6-pin connector, unplug it from the vehicle 6-pin connector, and plug it into the ambient light harness 6-pin connector. Plug the ambient light harness 6-pin connector into the vehicle 6-pin connector.

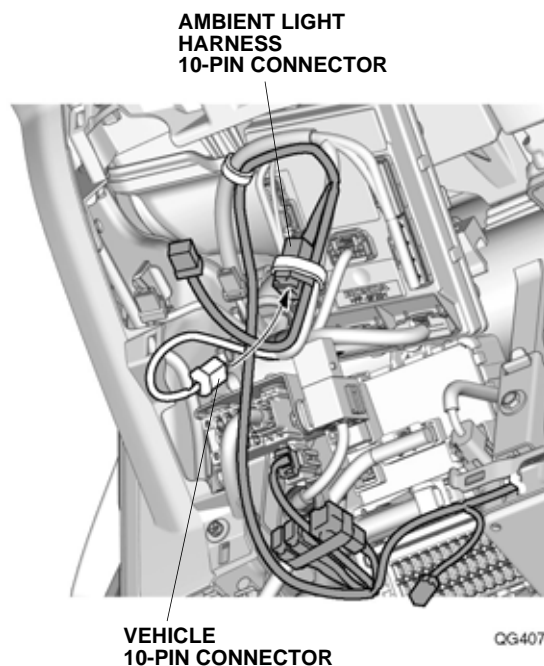


32. Route the ambient light harness as shown. Secure the ambient light harness 10-pin connector to the vehicle harness with one wire tie.

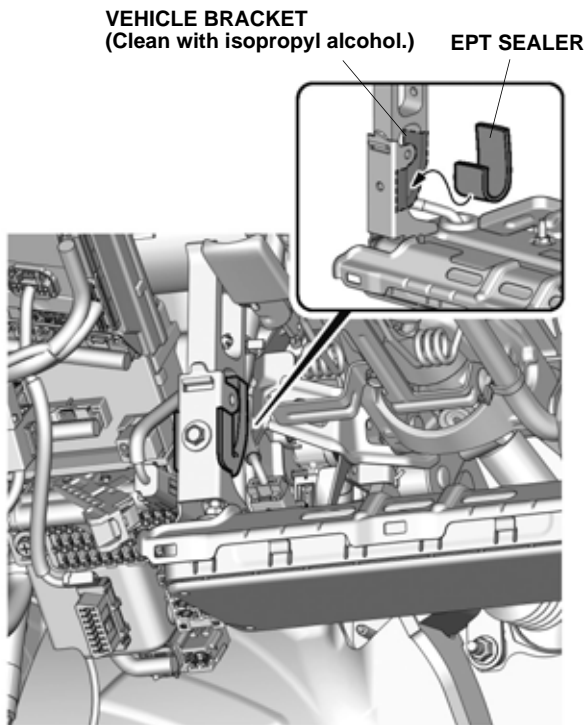


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33. Secure the ambient light harness to the vehicle harness with one wire tie.
34. Plug the vehicle 10-pin connector into the ambient light harness 10-pin connector.



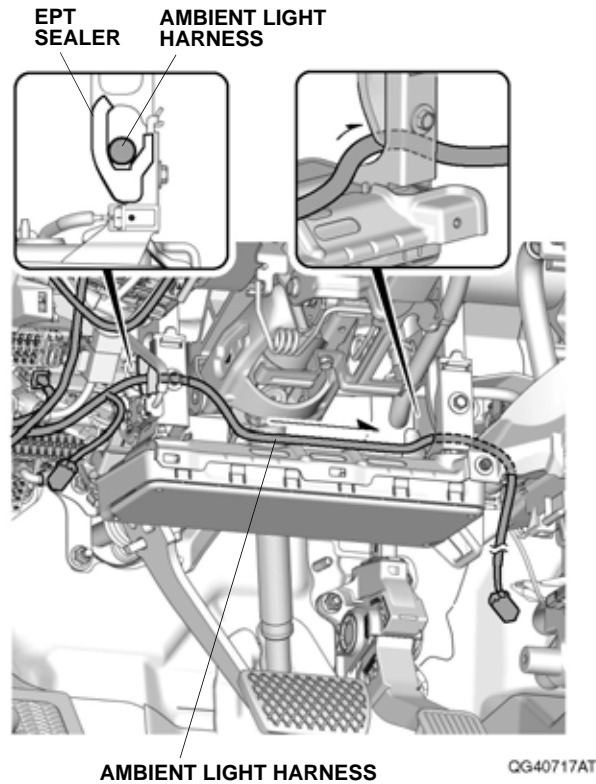
35. Using isopropyl alcohol on a shop towel, thoroughly clean the vehicle bracket where the EPT sealer will attach.



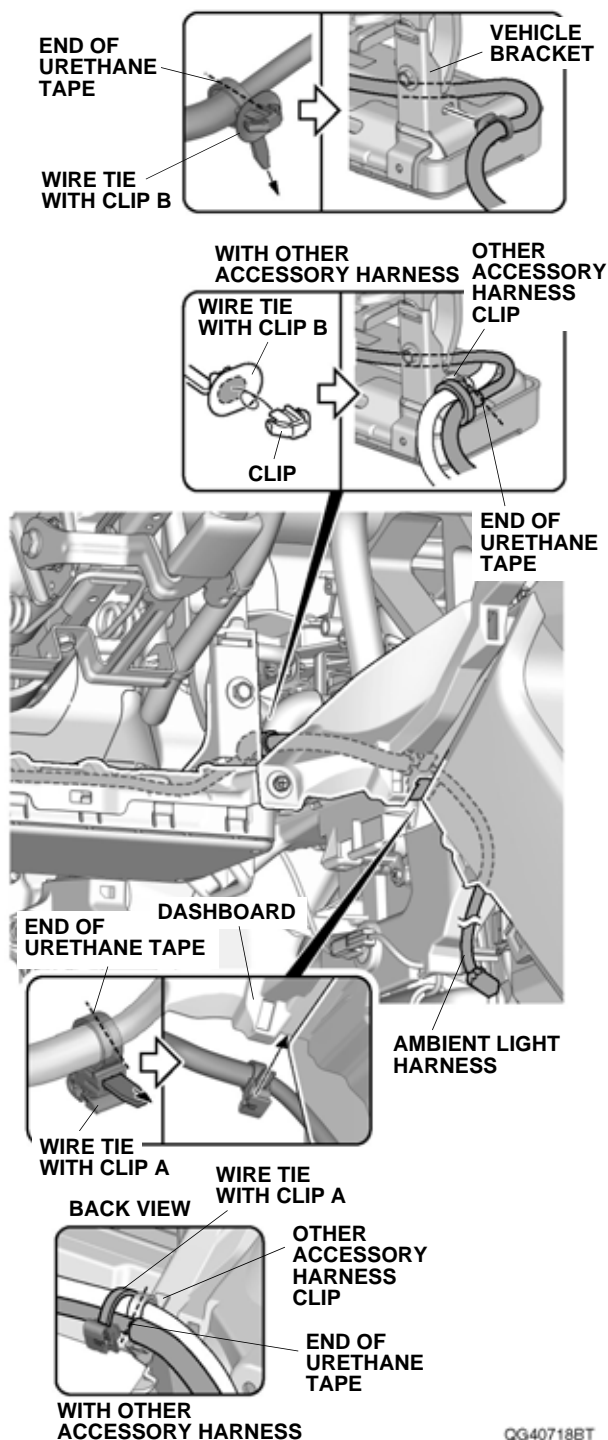
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36. Attach the EPT sealer to the vehicle bracket as shown.

37. Route the ambient light harness as shown.

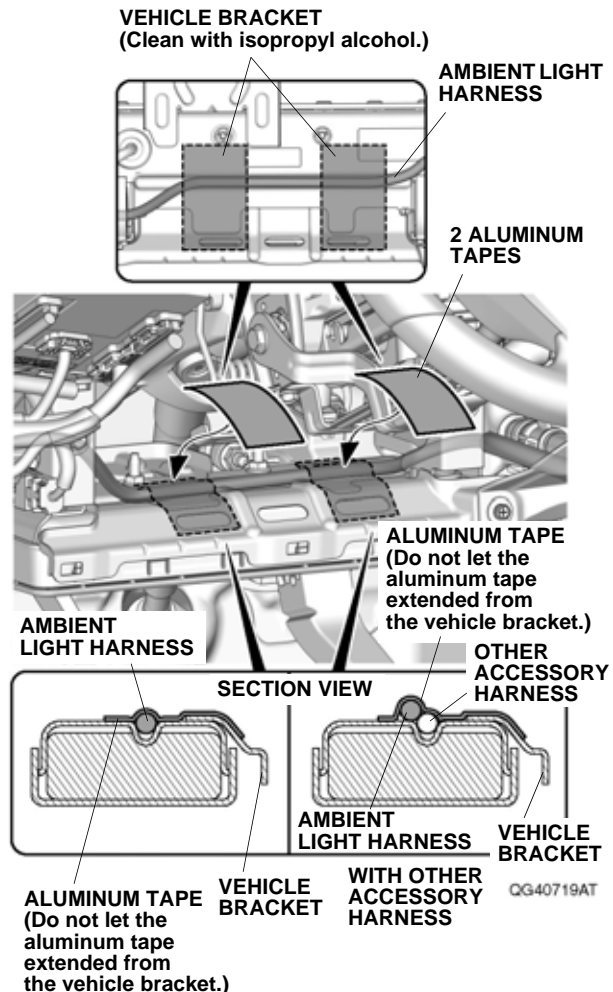


38. Secure the ambient light harness to the vehicle bracket with one wire tie with clip B. If another accessory harness is already secured to the vehicle bracket, secure the ambient light harness to the other accessory harness with one wire tie with clip B.



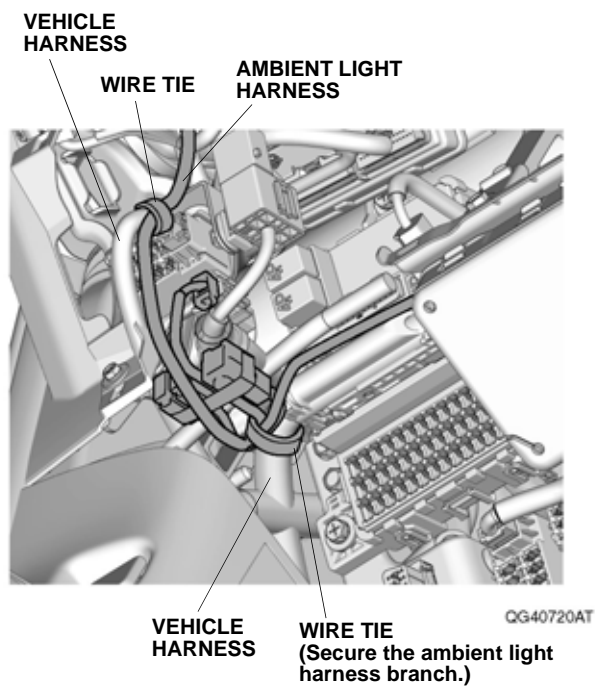
39. Secure the ambient light harness to the dashboard with one wire tie with clip A. If another accessory harness is already secured to the dashboard, secure the ambient light harness to the other accessory harness with one wire tie with clip A.

40. Using isopropyl alcohol on a shop towel, thoroughly clean the vehicle bracket where the aluminum tape will attach.

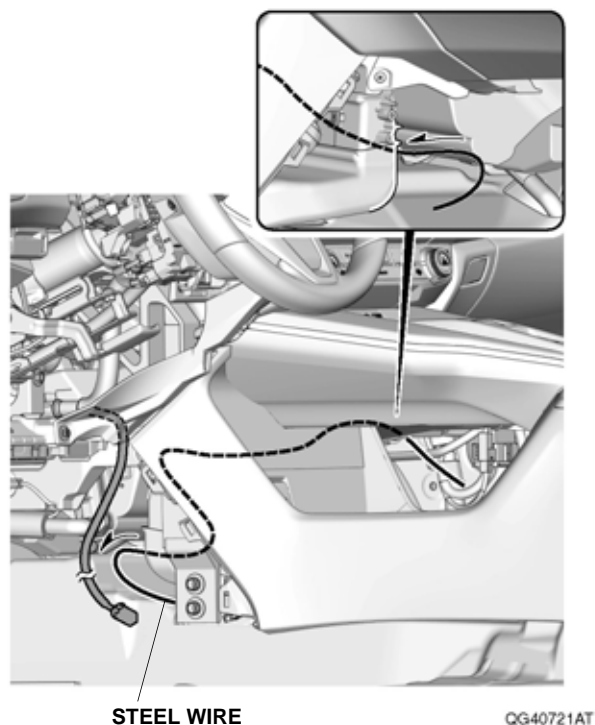


41. Secure the ambient light harness to the vehicle bracket with two pieces of aluminum tape.

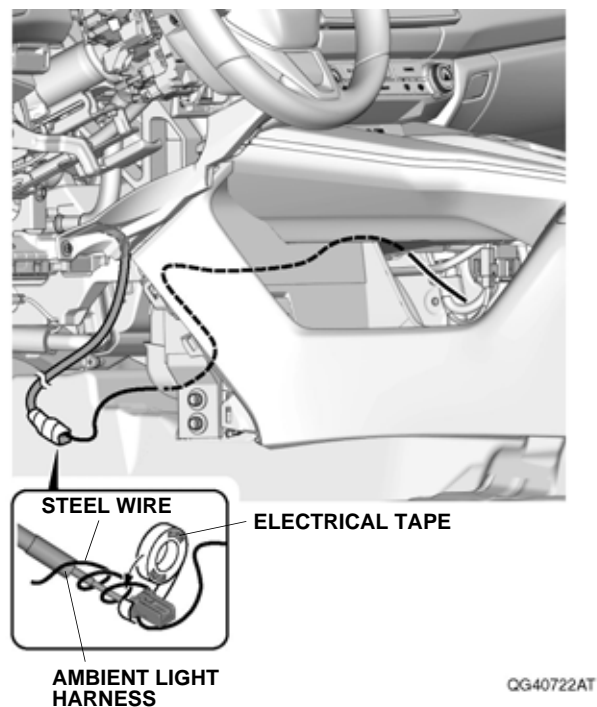
42. Secure the ambient light harness to the vehicle harness with two wire ties.



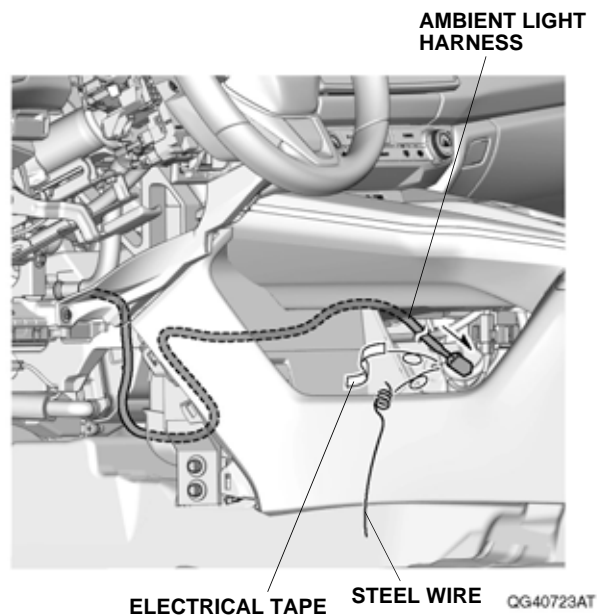
43. Route a piece of steel wire as shown.



44. Attach the steel wire to the ambient light harness with electrical tape.

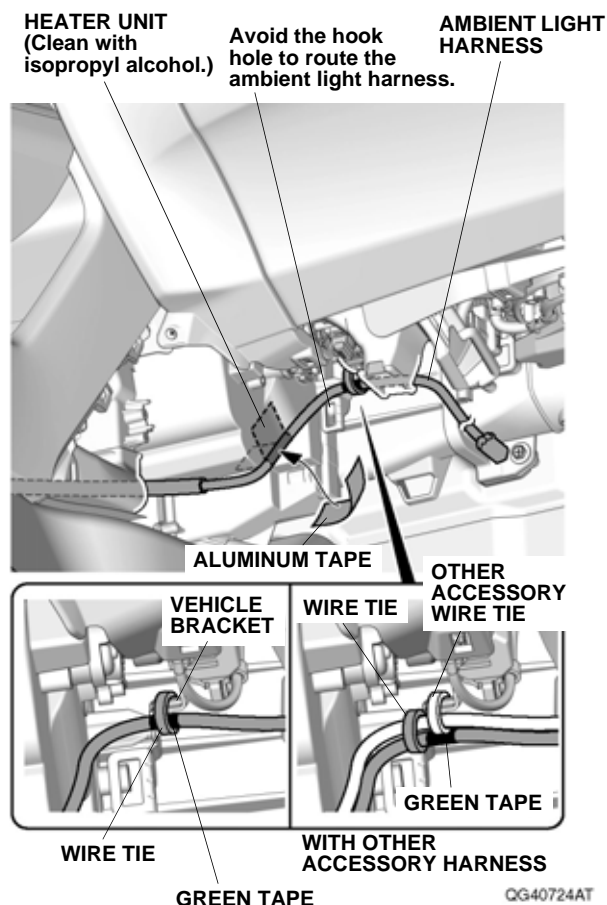


45. Pull the steel wire to route the ambient light harness.



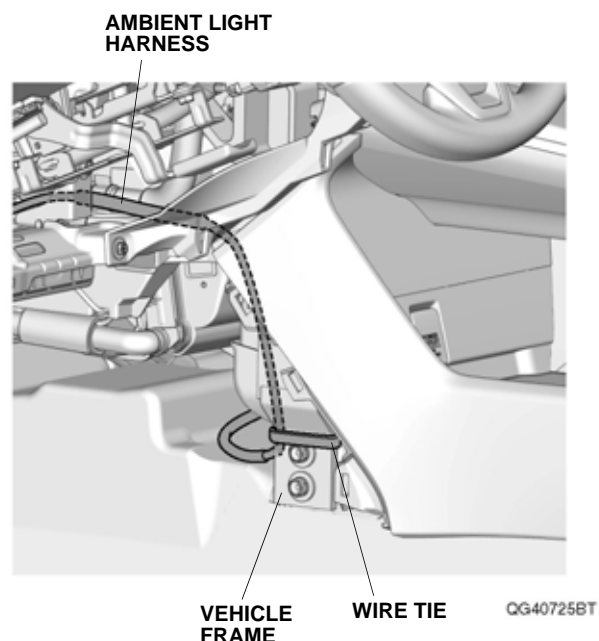
46. Remove the steel wire from the ambient light harness.

47. Secure the ambient light harness to the vehicle bracket with one wire tie. If another accessory harness is already secured to the vehicle bracket, secure the ambient light harness to the other accessory harness with one wire tie.

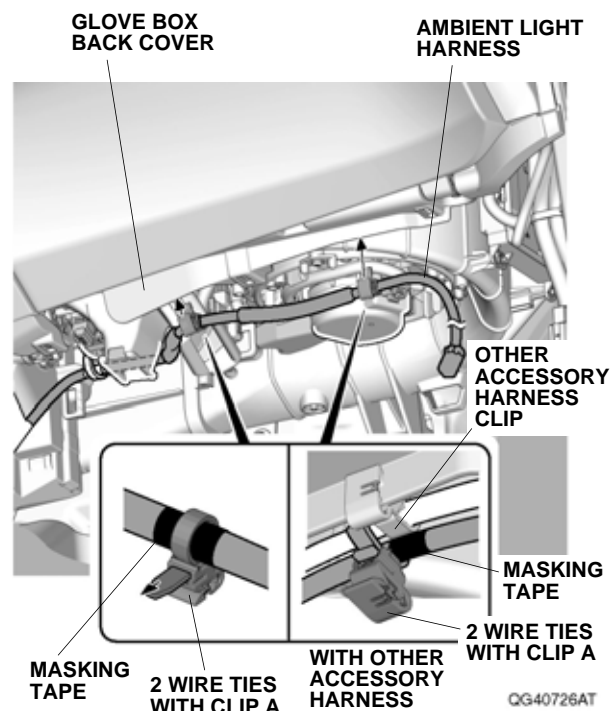


48. Using isopropyl alcohol on a shop towel, thoroughly clean the heater unit where the aluminum tape will attach.
49. Secure the ambient light harness to the heater unit with one piece of aluminum tape.

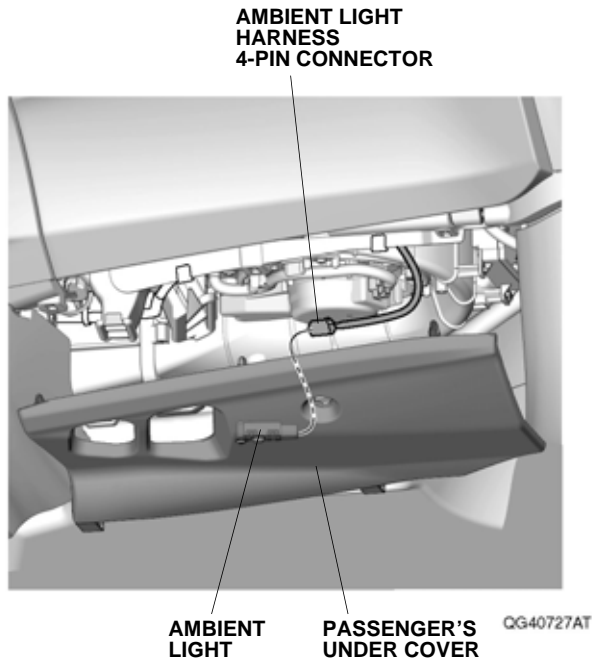
50. Secure the ambient light harness to the vehicle frame with one wire tie.



51. Secure the ambient light harness to the glove box back cover with two wire ties with clip A. If another accessory harness is already secured to the glove box back cover, secure the ambient light harness to the other accessory harness with two wire ties with clip A.

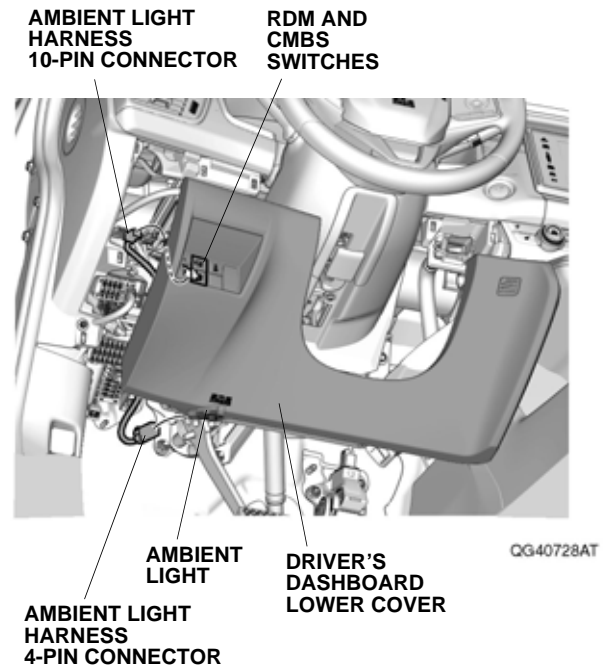


52. Install the passenger's heater cover.





53. Plug the ambient light harness 4-pin connector into the ambient light, and install the passenger's under cover.

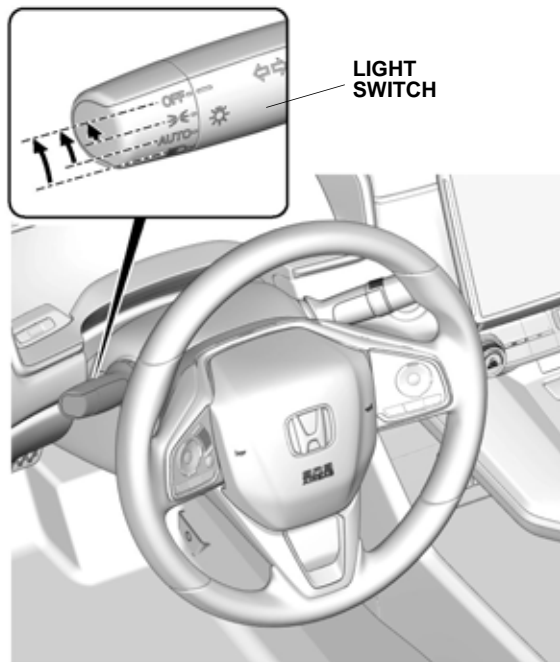
54. Install the driver's heater cover and the upper/lower column covers.



55. Plug the ambient light harness 10-pin connector into the RDM and CMBS switches.
56. Plug the ambient light harness 4-pin connector into the ambient light, and install the driver's dashboard lower cover.
57. Check that all wire harnesses are routed properly and all connectors are plugged in.
58. Install all removed parts.
59. Connect the negative cable to the battery.
60. Press and hold the radio unit power button for 2 seconds to restore the radio and navi (if equipped) system functions.
61. Set the clock.
62. If necessary, restore the systems back to normal operation as described in the service information.

Check the Operation of the Ambient Lights

63. Turn the light switch set to the  or  position, the ambient lights are on.
64. With the headlight switch is in the AUTO position, the ambient lights are on with the parking lights or headlights.
65. Check that the ambient light brightness varies along with the instrument panel brightness by turning the brightness control knob.
66. Make sure the ambient lights come on when you open each door.
67. If the ambient lights do not come on, check the fuse and all of the connectors.



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