

Germain Honda of College Hills



INSTALLATION INSTRUCTIONS

Accessory

BACKUP SENSORS

Application

2022 RIDGELINE

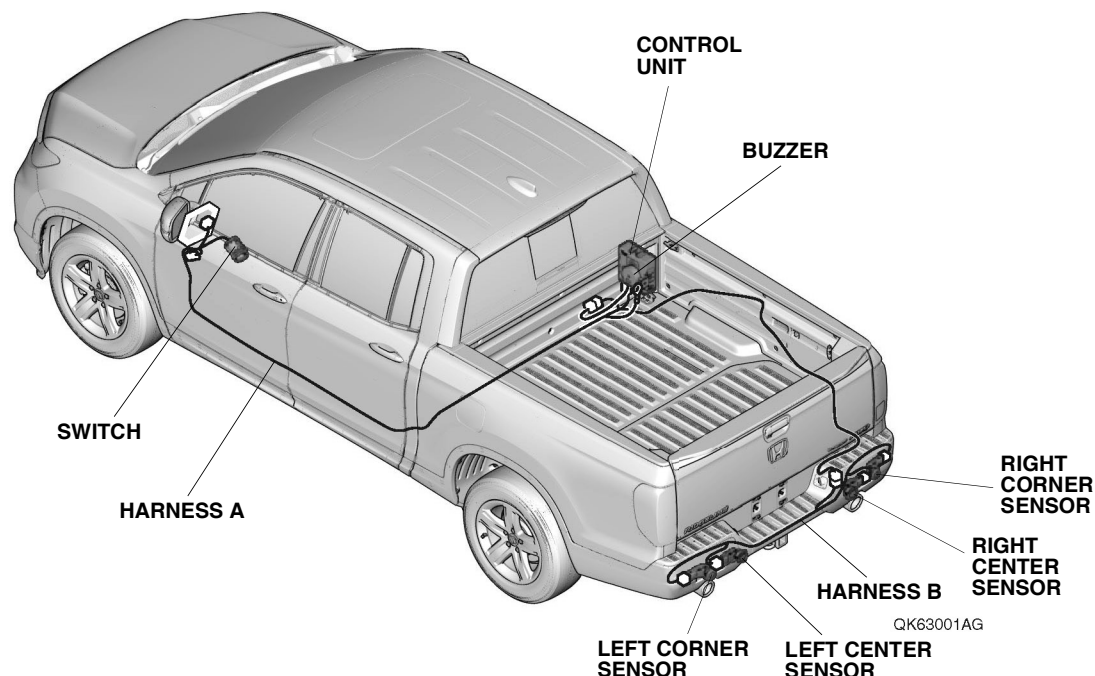
Publications No.

VERSION 1

Issue Date

AUG 2021

GENERAL VIEW



FOR YOUR SAFETY (Read carefully.)

Warning Symbols

Safety: Your safety, and the safety of others, is important. To help you make informed decisions about service procedures, we have provided safety messages where appropriate. Of course, it is not practical or possible to warn you about all the hazards associated with servicing a vehicle - you must use your own good judgment.

You will find important safety messages preceded by one of following symbols:

*All symbols are not used in all installation instructions.

⚠ DANGER

You will be killed or seriously hurt if you do not follow the instructions.

⚠ WARNING

You can be killed or seriously hurt if you do not follow the instructions.

⚠ CAUTION

You can be hurt if you do not follow the instructions.

NOTICE

Gives advice to prevent damage to the product or vehicle or the environment.

NOTE

Gives helpful information or instructions to be followed when using the product.



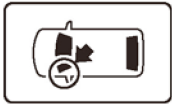
Indicates a prohibited action

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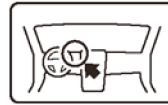
Procedure and Location Icons

These icons indicate the work location and the worker's point of view.

*All icons are not used in all installation instructions.



The location on the vehicle.



The location in the vehicle.
(instrument panel.)



Wear eye protection.



Wear heavy gloves.



Use an assistant.



Place the part on a blanket.



Work perpendicular.



Remove any burrs.



Use touch-up paint and allow to dry.



Tighten to the specified torque.



Apply firm pressure while rolling, especially at the ends, to set the adhesive.



Press firmly.

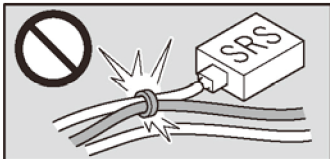


Clean with isopropyl alcohol.

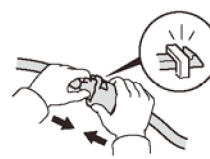


Return the original part to the customer.
(Do not use.)

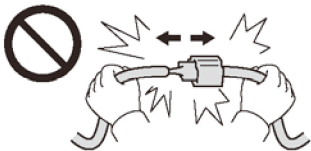
Wire Harness Routing Precautions



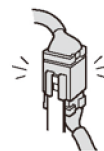
Do not secure the accessory harness and SRS harness together. (except for instruction cases).



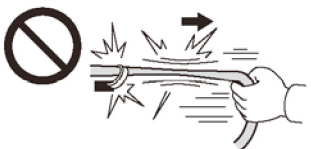
Push the connectors and terminals together until they lock.



Do not pull the harness to unplug the connectors.



Install removed connectors in their original location.



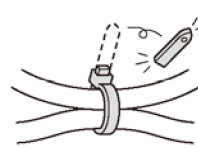
Do not pull the harness.



Secure the accessory harness as shown.



Do not pinch the harness.



Cut off the excess wire tie.

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Safety: General

- Observe all safety notes and precautions described in the service information, in addition to those described in this Installation Instruction. Be extremely careful for your safety and safety of others.
- Be careful not to damage the vehicle or the parts.
- Be extremely careful when handling retaining tabs and clips.
- Note the locations of the parts before removing them so they can be properly installed in their original positions.
- The illustrations may differ slightly from the actual accessory.

Safety: Electric Parts

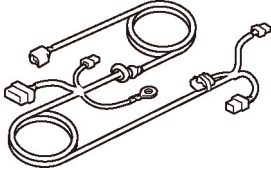
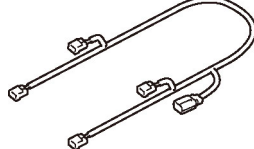
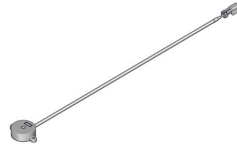
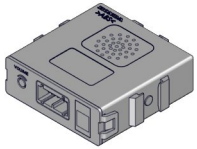
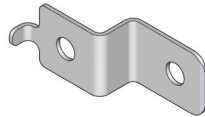



- Always disconnect the negative cable from the battery before beginning work.

Safety: Accessory

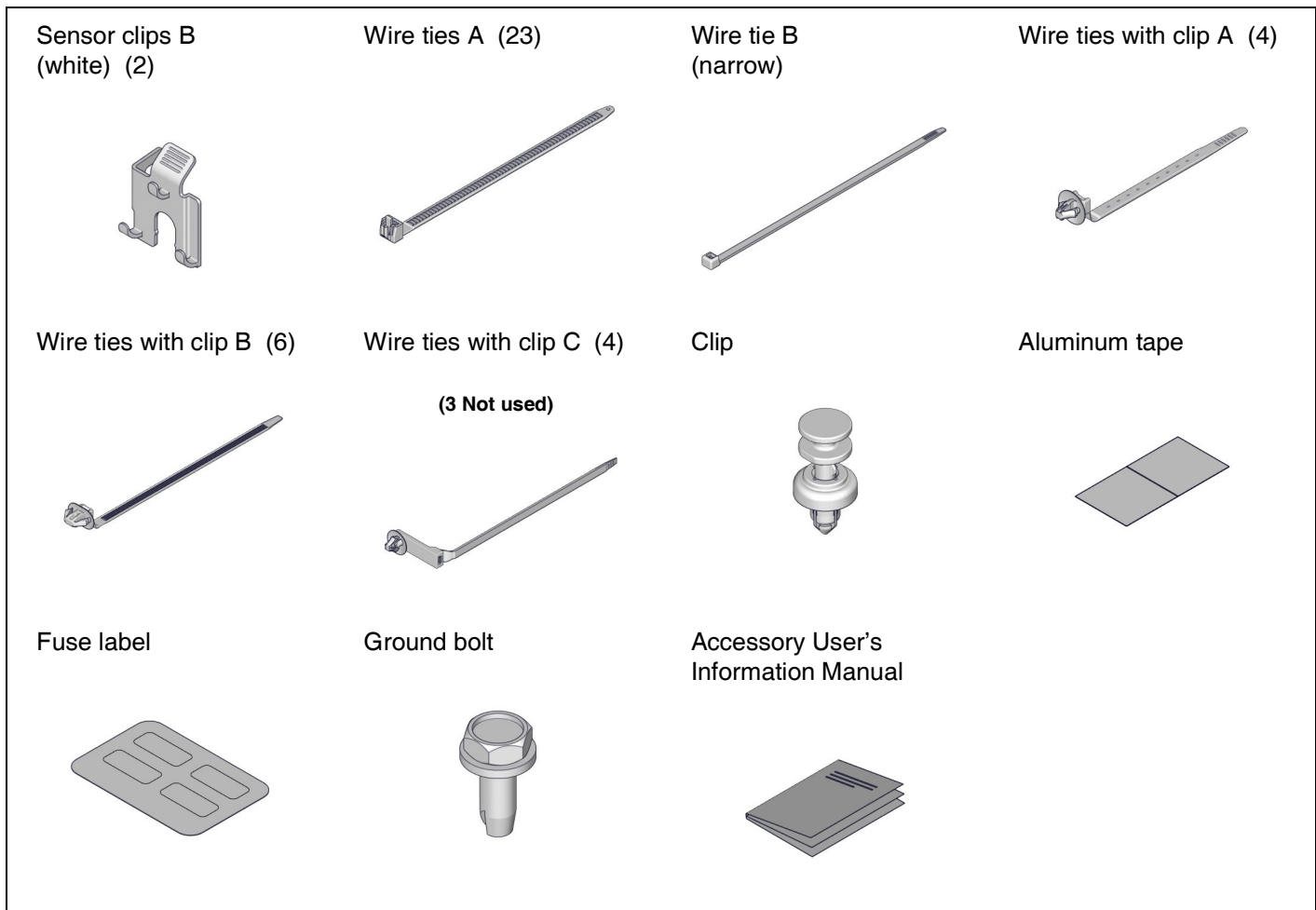
- Always use the parts and tools specified in the installation instructions.
- Do not install the accessory on a dirty surface or in direct sunlight.
- Make sure the ambient air temperature is 60°F (15°C) or above when installing accessories that use a bonding material.
- When pressing the accessory firmly with the palm of your hand, be careful not to damage it or the vehicle.
- When applying adhesive material, make sure it is lined up properly before attaching. Once the adhesive material touches the surface, do not try to remove it. If you do, you could damage the part before the adhesive releases.
- Not to wash the vehicle for 24 hours to allow the adhesive to cure.

PARTS LIST

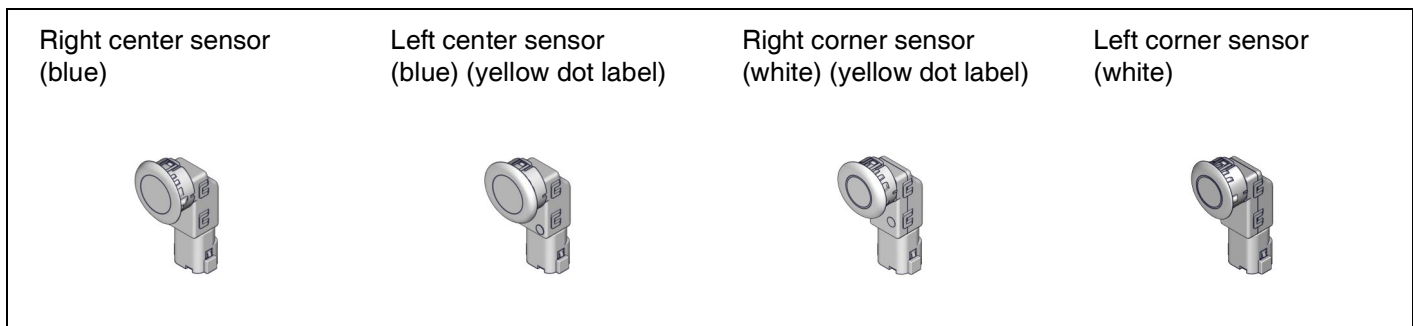
Attachment Kit (P/N 08V67-T6Z-100A)

Harness A 	Harness B 	Buzzer 	Control unit 
Bracket 	Switch 	Switch bracket 	Sensor clips A (black) (2) 

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Backup Sensors Kit (P/N 08V67-T6Z-100K)



REQUIRED TOOLS AND SUPPLIES

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> • Phillips screwdriver • 10 mm and 14 mm Sockets • 3 mm Drill bit • Ruler • Shop towel • Masking tape • Rubber mallet | <ul style="list-style-type: none"> • Small flat-tip screwdriver • Pushpin • Utility knife • Blanket • 24 mm and 26 mm Hole saws • Diagonal cutters • T-30 and T-50 TORX bits | <ul style="list-style-type: none"> • 10 mm Open end wrench • Ratchet • File • Isopropyl alcohol • Drill • Torque wrench • Eye protection (face shield, safety goggles, etc.) |
|---|---|---|

The following tools are available through the Honda Tool and Equipment Program:

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

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INSTALLATION

Using isopropyl alcohol and a shop towel, thoroughly clean the surface where the accessory adhesive will attach.

NOTE

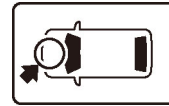
- Always use isopropyl alcohol where you see this symbol.
- Do not pour isopropyl alcohol directly on the vehicle surface.
- Let the isopropyl alcohol completely evaporate before attaching the adhesive material.



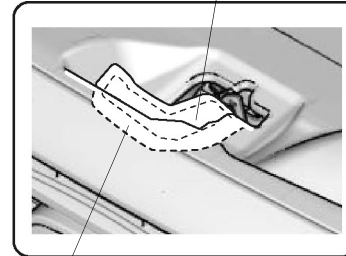
1. Wrap a shop towel.

NOTE

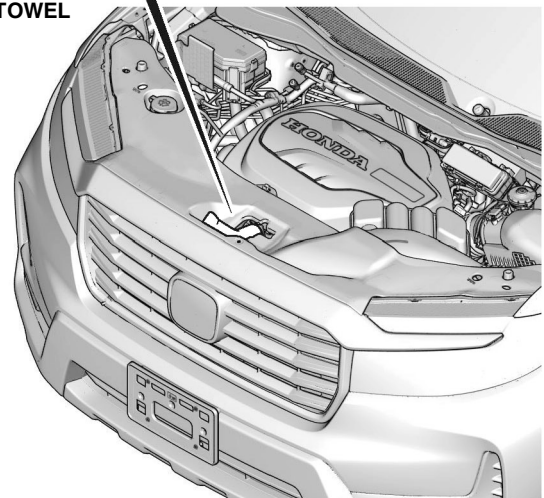
Do not remove the shop towel until after the parts are installed.



HOOD LATCH
LEVER



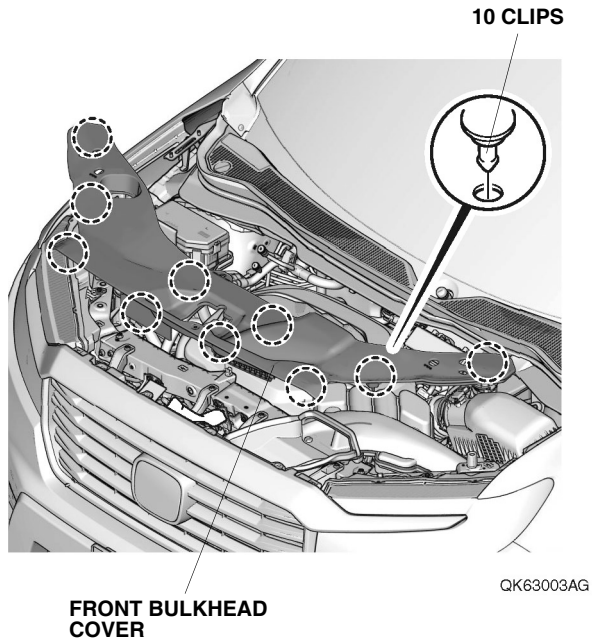
SHOP
TOWEL



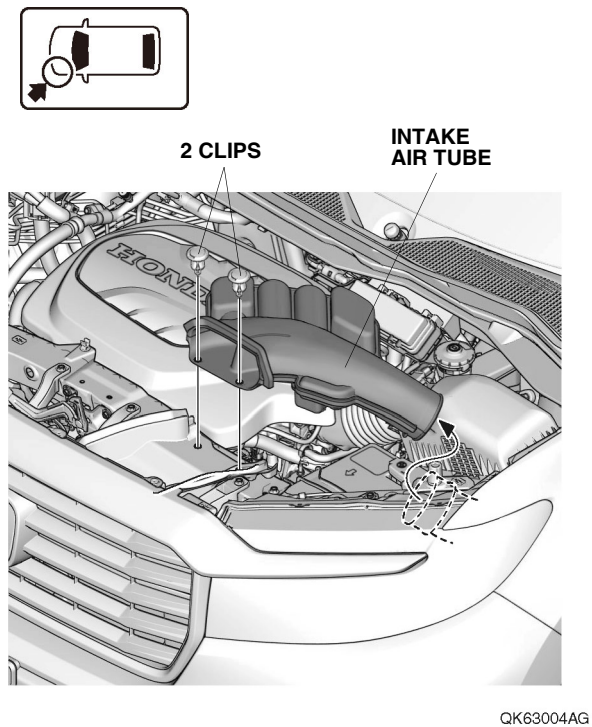
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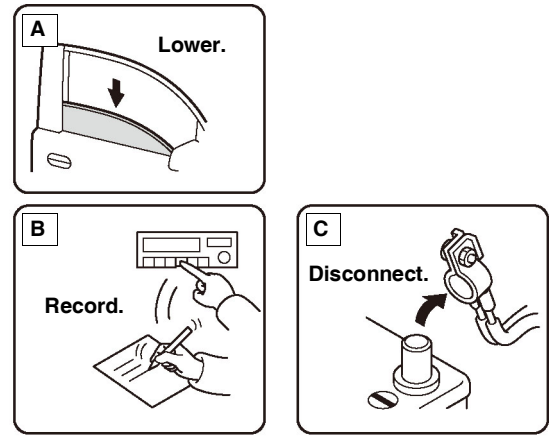
2. Remove the front bulkhead cover.



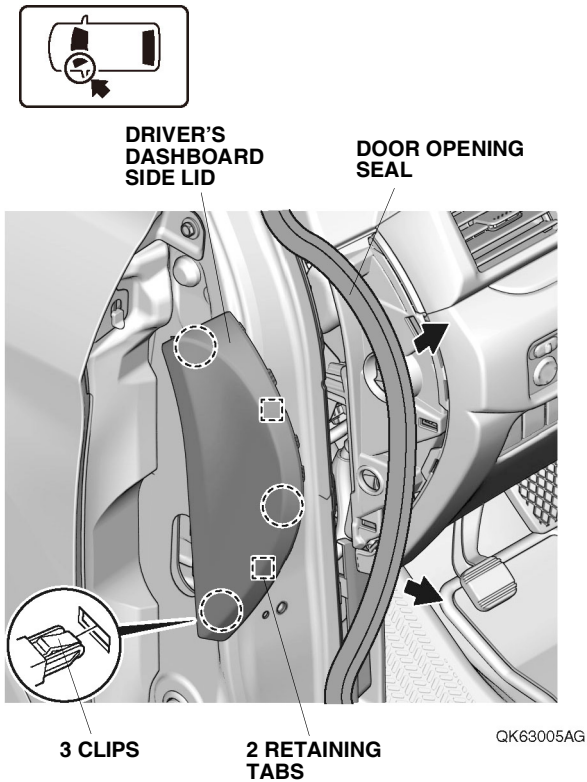
3. Remove the intake air tube.



4. Disconnect the negative cable from the battery.

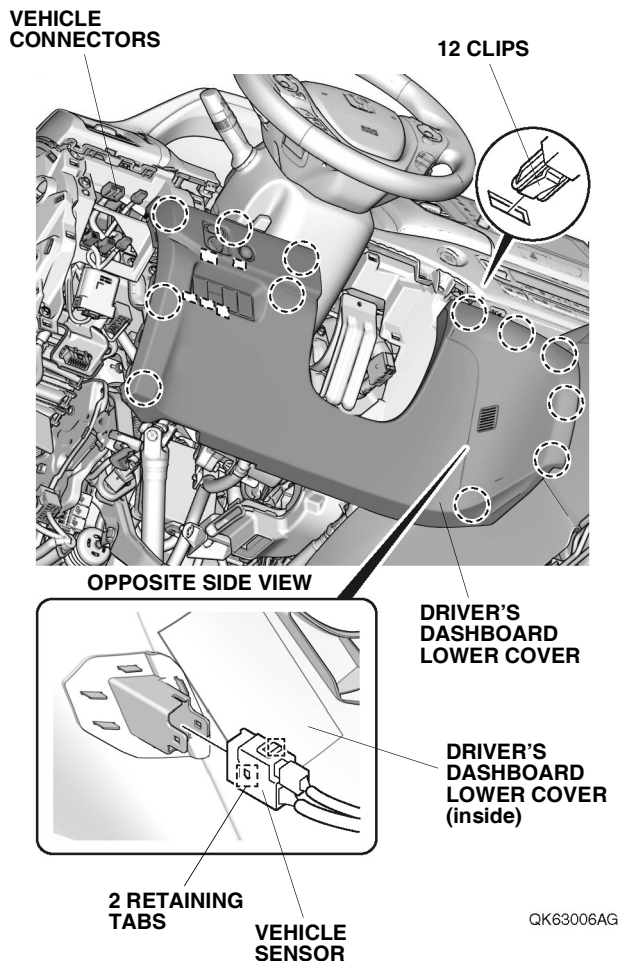


5. Remove the driver's dashboard side lid.

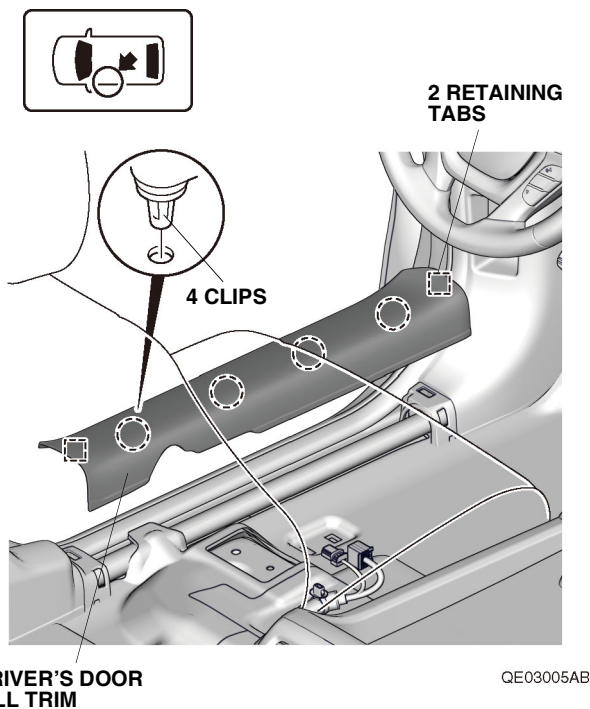


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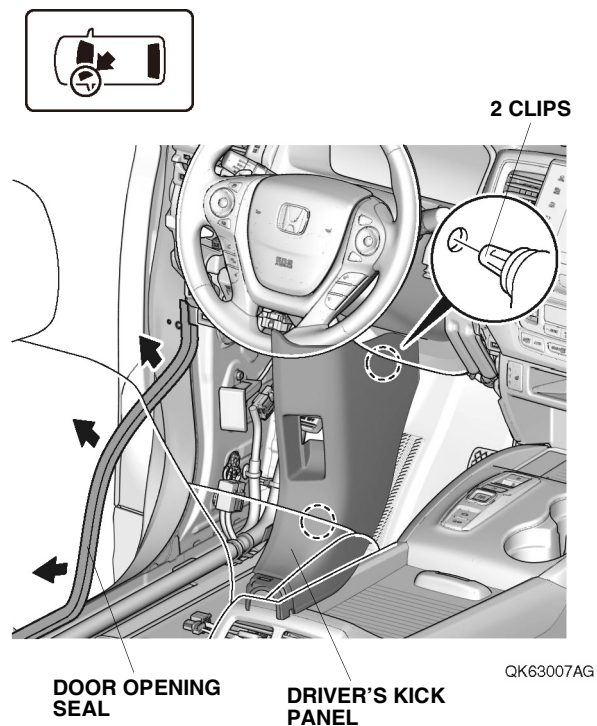
6. Remove the driver's dashboard lower cover.



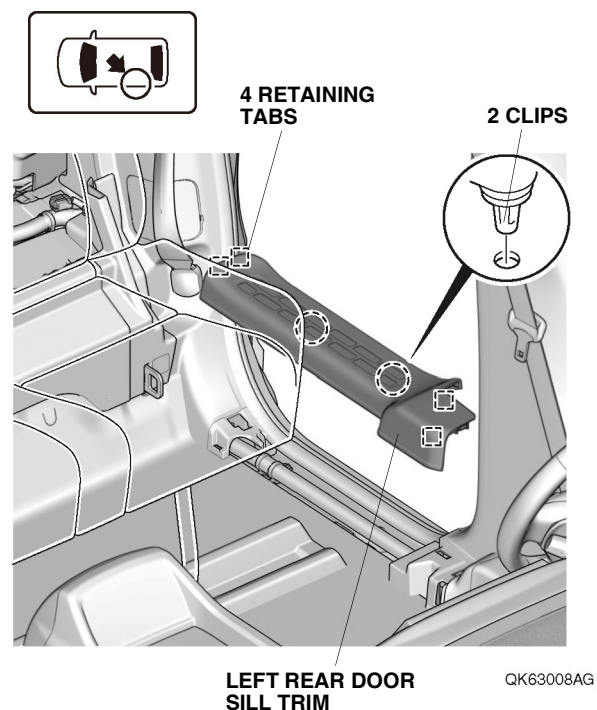
7. Remove the driver's door sill trim.



8. Remove the driver's kick panel.

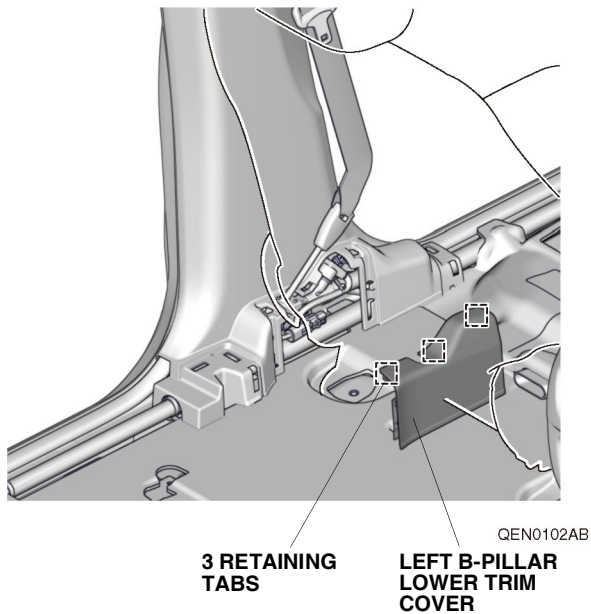
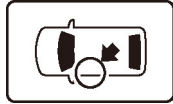


9. Remove the left rear door sill trim.

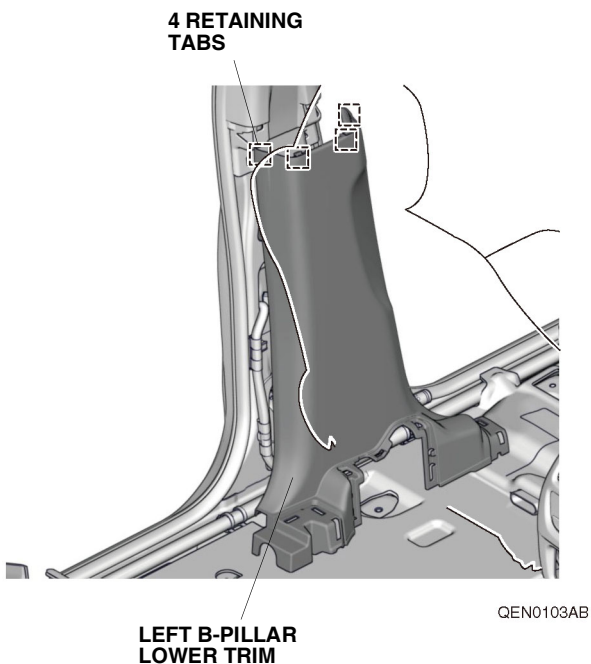


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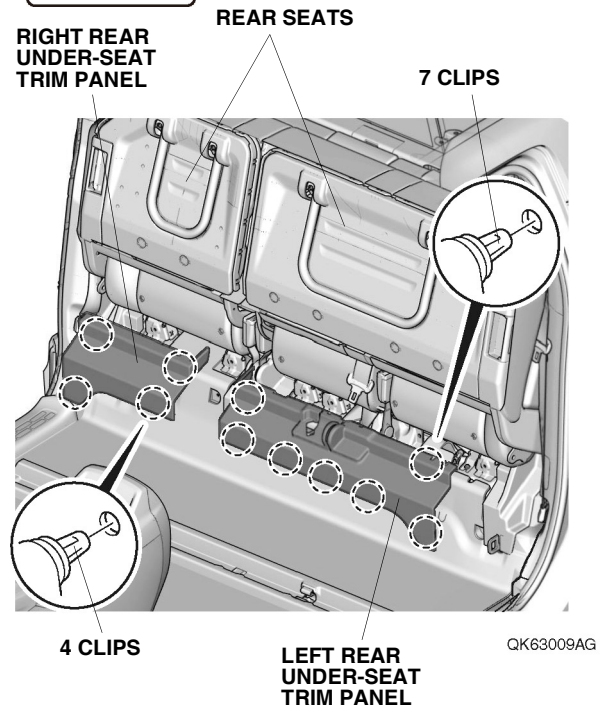
10. Remove the left B-pillar lower trim cover.



11. Remove the left B-pillar lower trim.

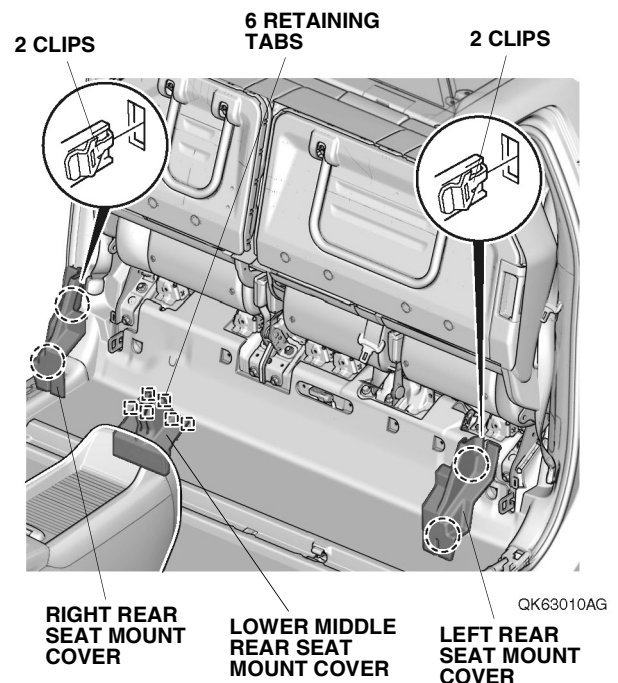


12. Store the rear seats.



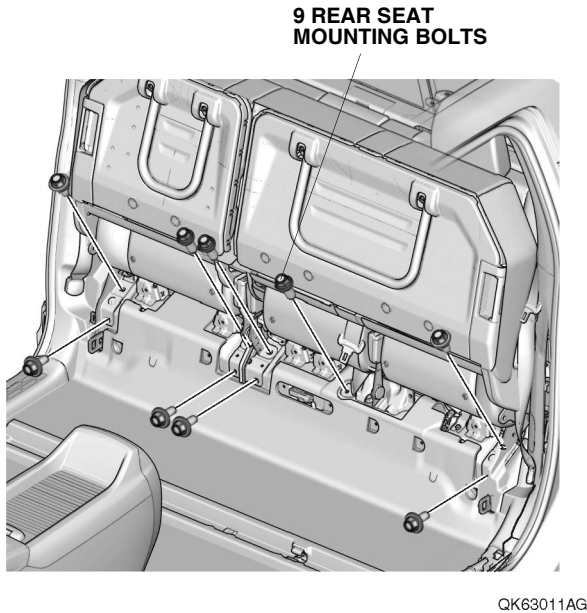
13. Remove the left and right rear under-seat trim panels.

14. Remove the left, right, and lower middle rear seat mount covers.

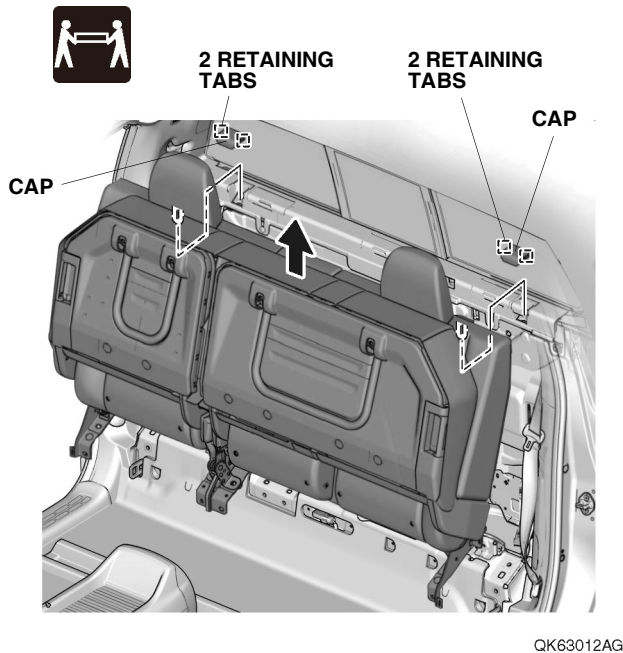


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15. Remove the rear seat mounting bolts.

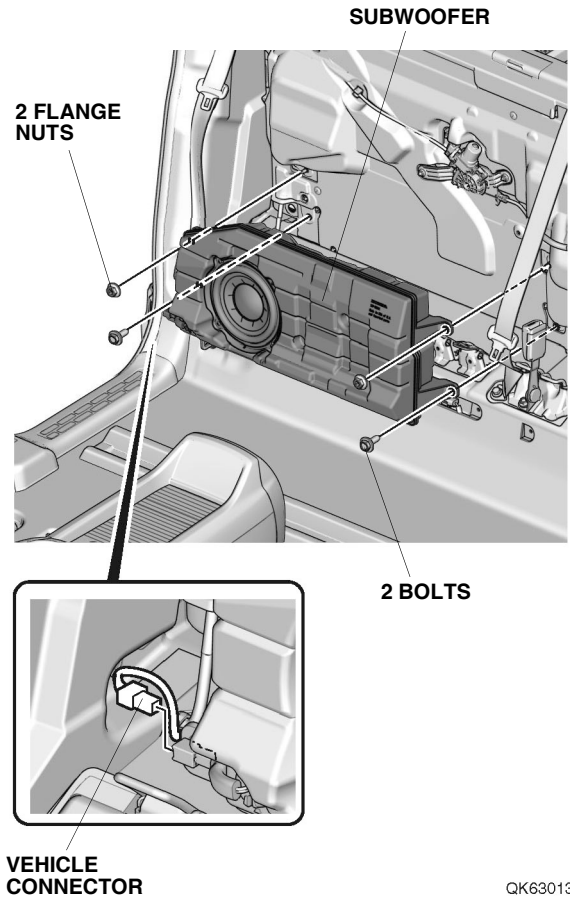


16. Remove the caps.

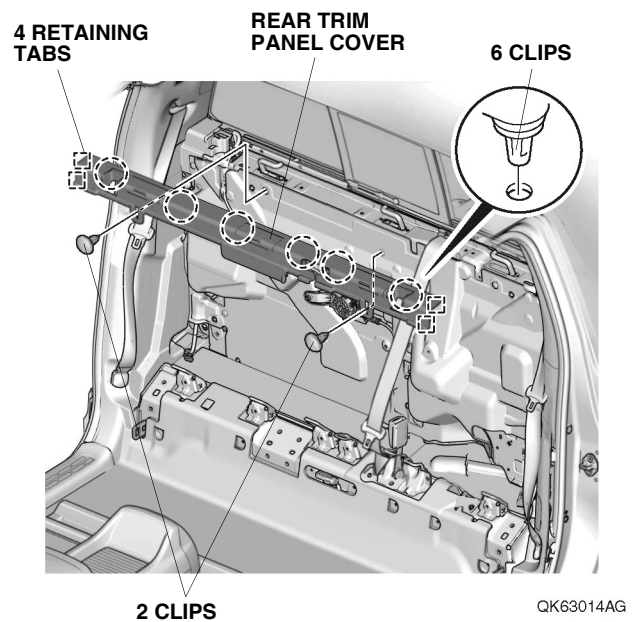


17. Remove the rear seats.

18. Remove the subwoofer.

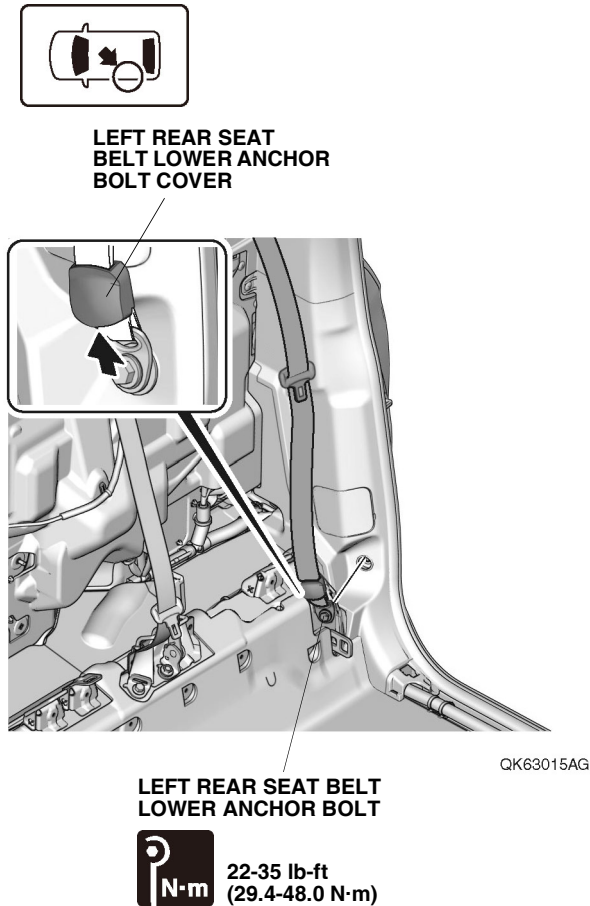


19. Remove the rear trim panel cover.

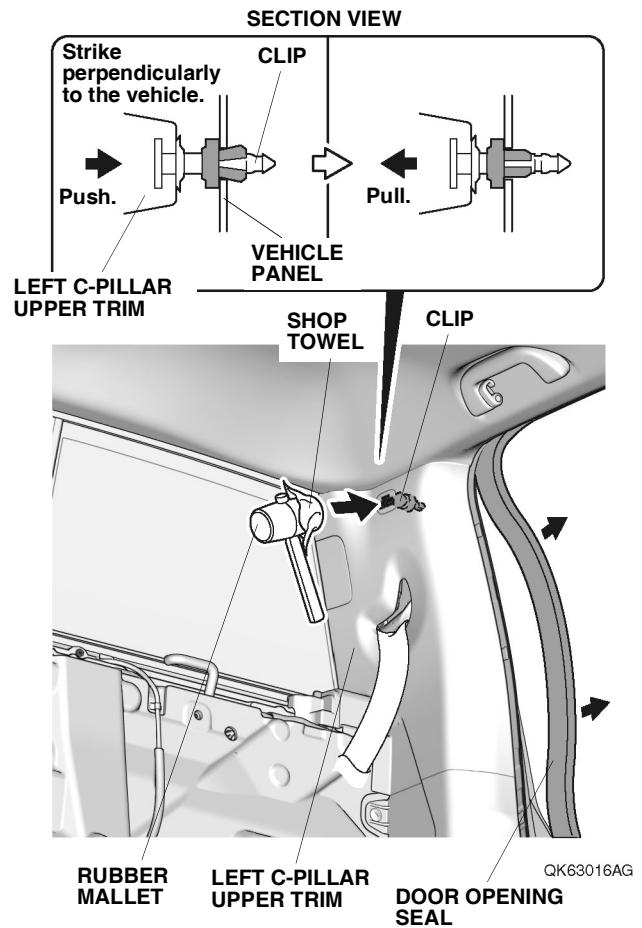


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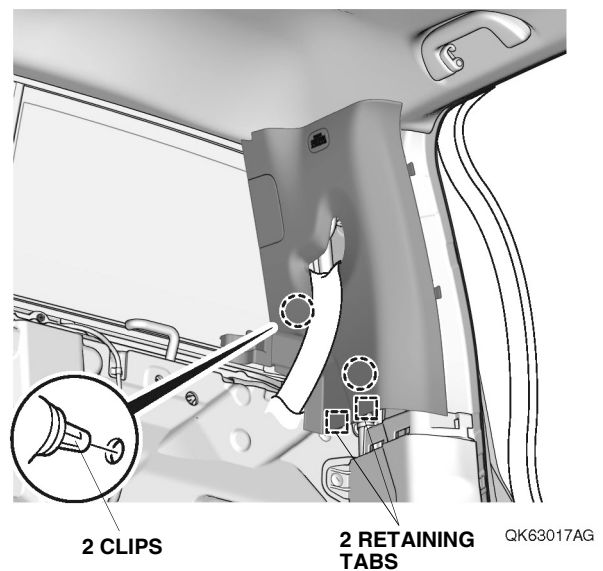
20. Remove the left rear seat belt lower anchor bolt.



21. Release the clip.

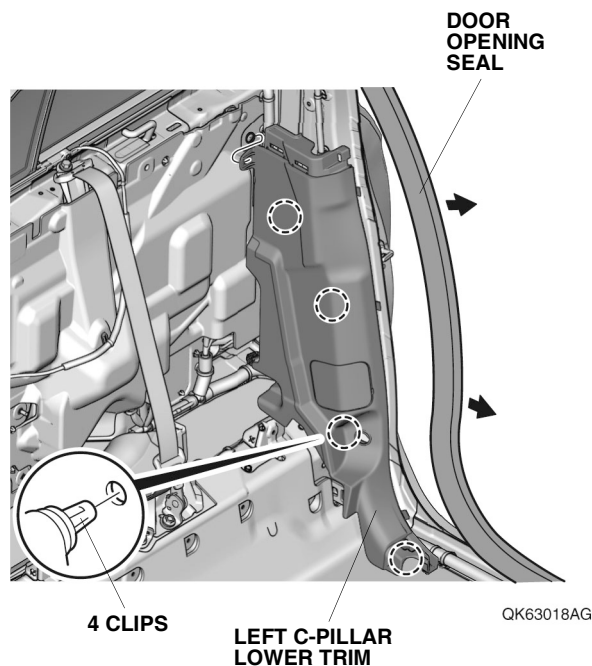


22. Remove the left C-pillar upper trim.

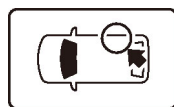


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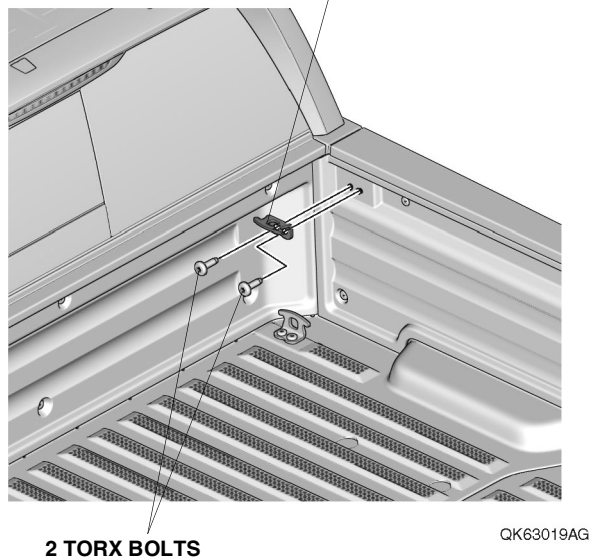
23. Remove the left C-pillar lower trim.



24. Remove the right front upper tie-down hook.

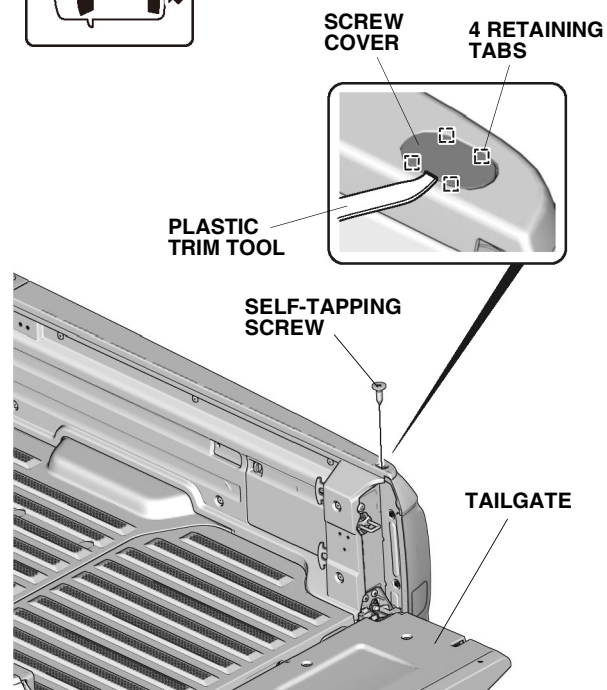
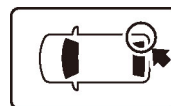


RIGHT FRONT UPPER TIE-DOWN HOOK



14-18 lb-ft
(18.63-24.52 N·m)

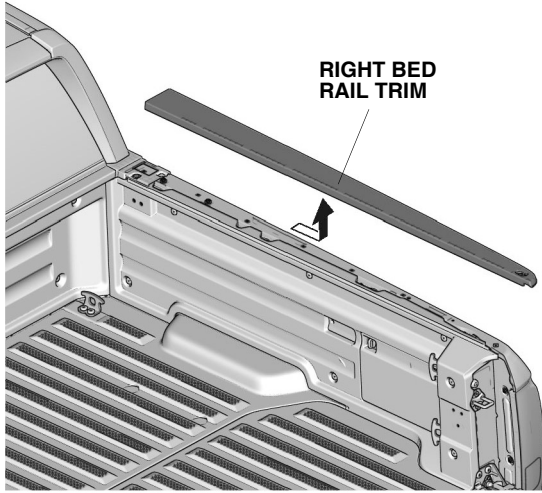
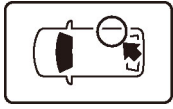
25. Lower the tailgate.



QK63020AG

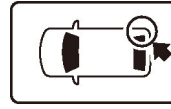
26. Remove the screw cover and the self-tapping screw.
27. Remove the right bed rail trim.

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QK63021AG

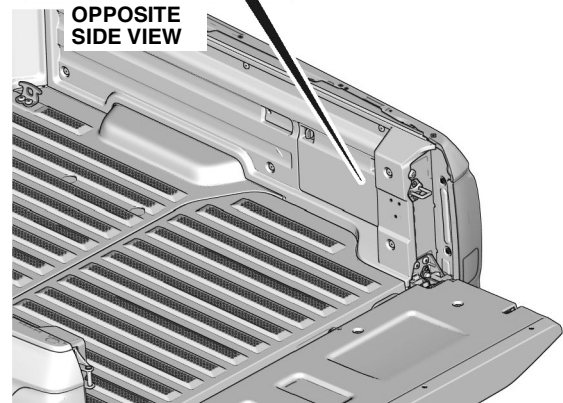
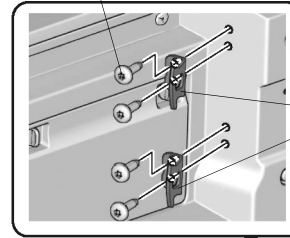
28. Remove the right rear tie-down hooks.



4 TORX BOLTS



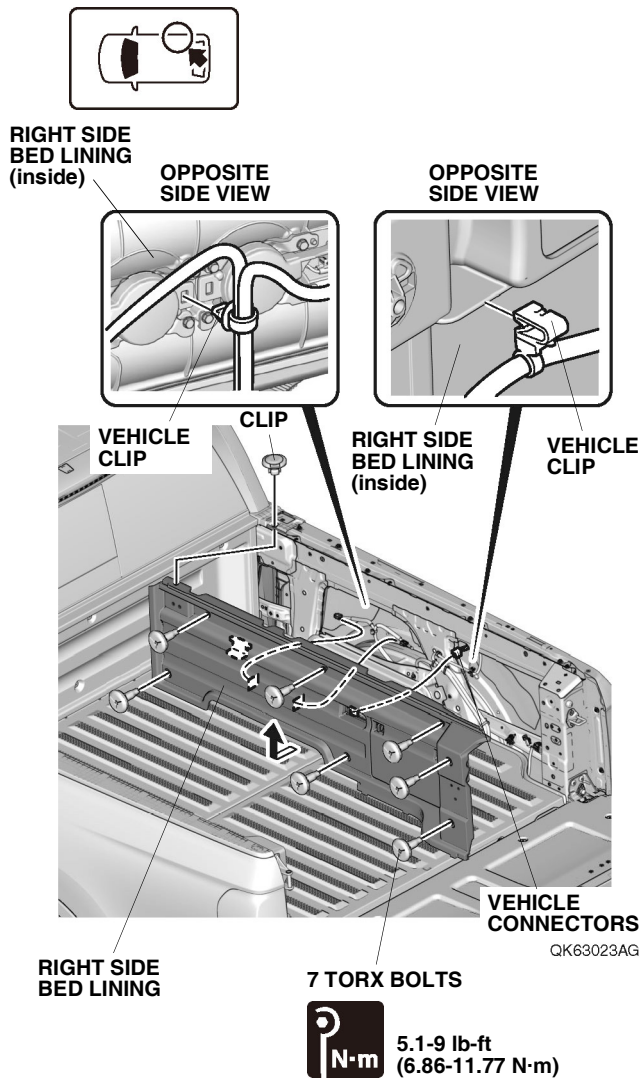
14-18 lb-ft
(18.63-24.52 N·m)



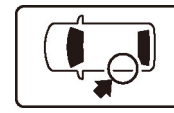
QK63022AG

29. Remove the right side bed lining.

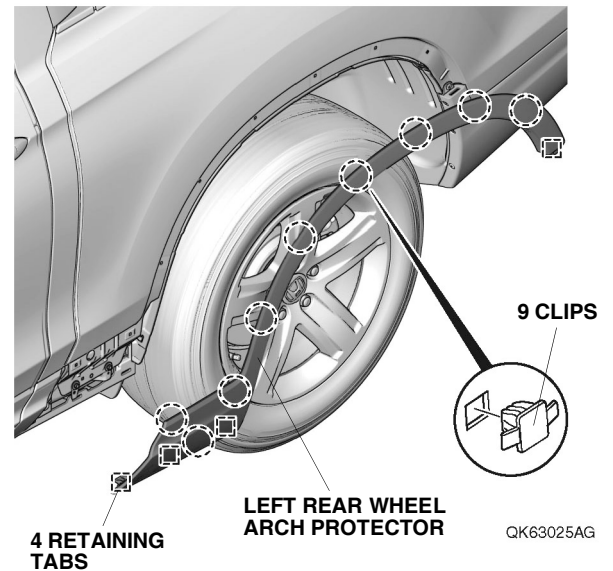
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30. Close the tailgate.
31. Remove the self-tapping screws.

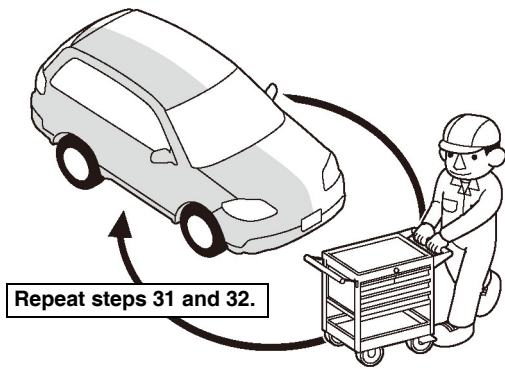


32. Remove the left rear wheel arch protector.



33. Repeat same procedures for the other side.

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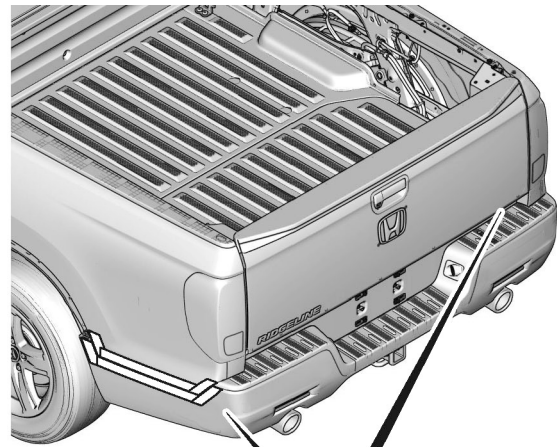
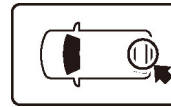


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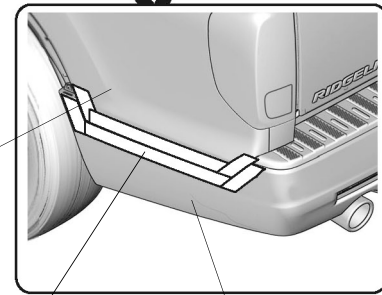
34. Attach masking tape to protect the vehicle.

NOTE

Do not remove the masking tape until after the parts are installed.



REAR
FENDER



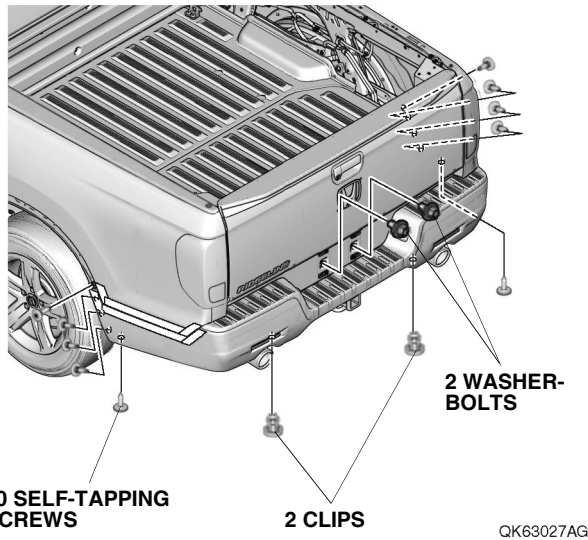
MASKING
TAPE

REAR BUMPER

QK63026AG

35. Remove the washer-bolts, clips, and self-tapping screws.

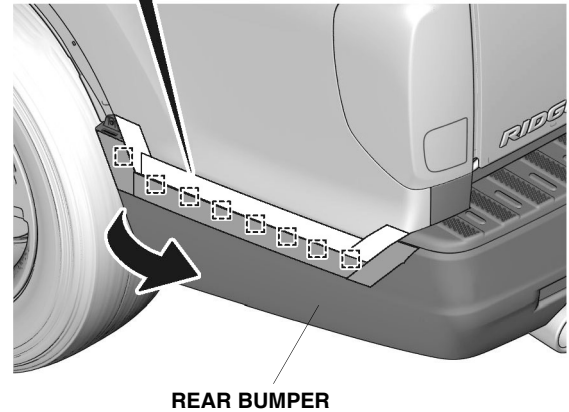
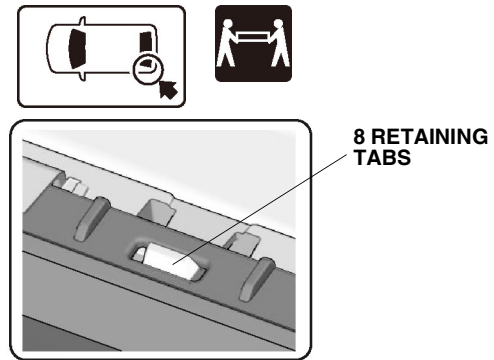
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36. Release the retaining tabs.

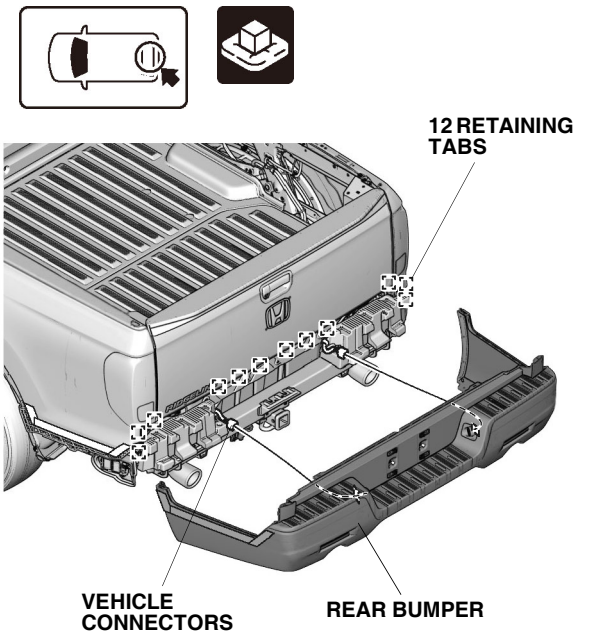
NOTE

- Release the retaining tabs as shown.
- Make sure to release the retaining tabs in the correct orientation.



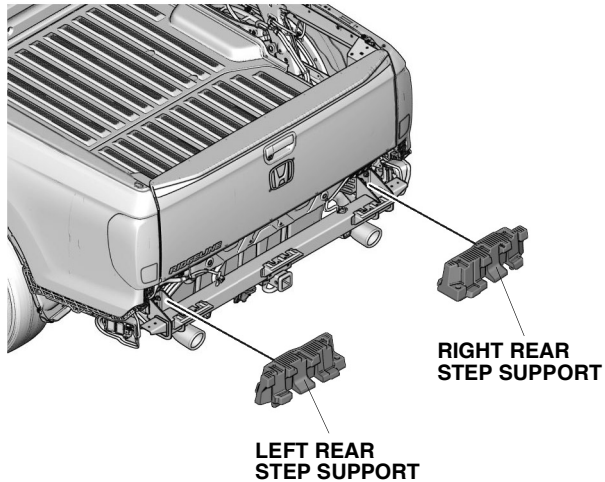
37. Repeat step 36 for the other side.

38. Remove the rear bumper.



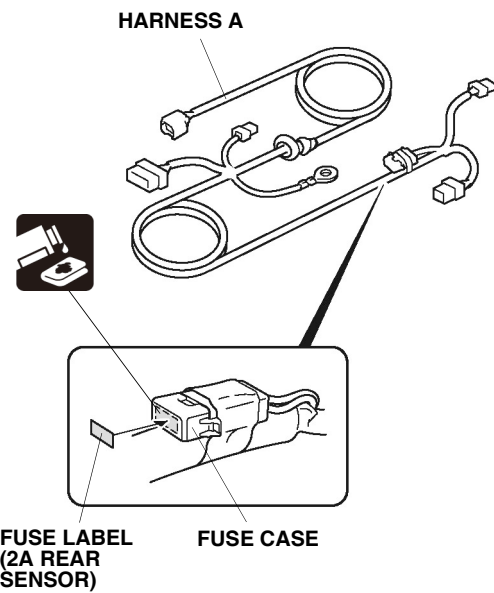
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39. Remove the left and right rear step support.



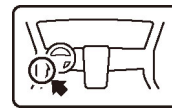
QK63030AG

40. Attach the fuse label.



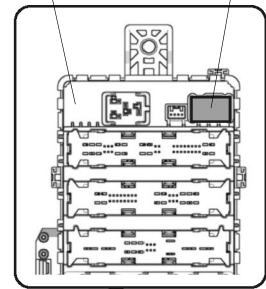
QK63031AG

41. Plug-in harness A connector.

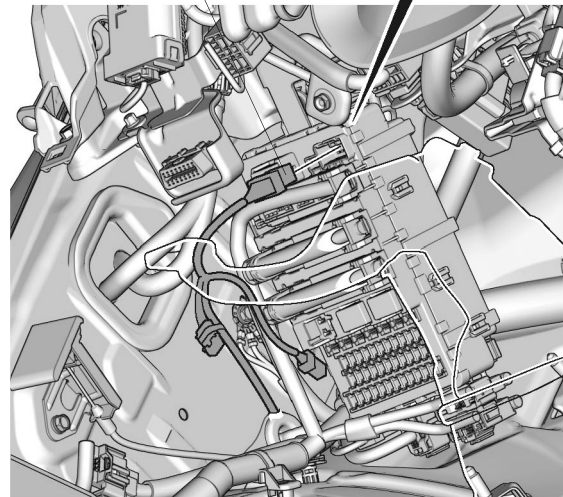


FUSE BOX

PLUG POSITION



HARNESS A
8-PIN CONNECTOR

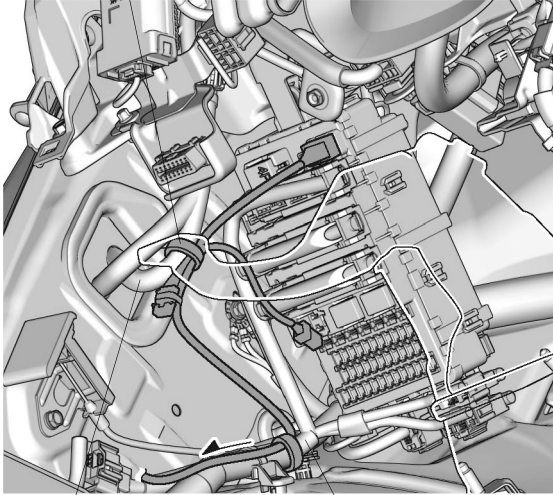


QK63032AG

42. Secure the harness A.

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2 WIRE TIES A

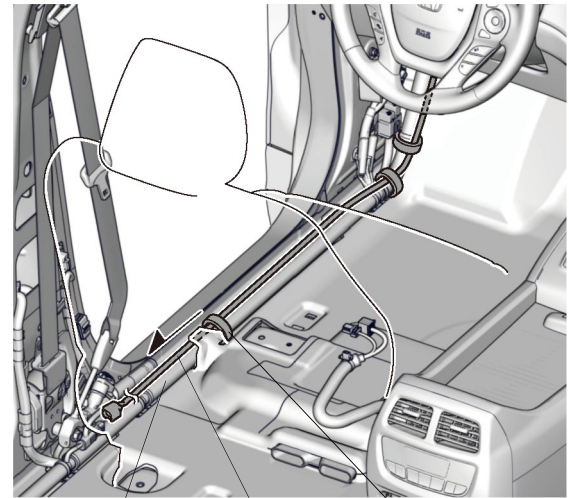
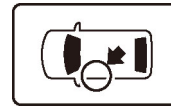


VEHICLE
HARNESS

VEHICLE
HARNESS

QK63033AG

43. Secure the harness A.



VEHICLE
HARNESS

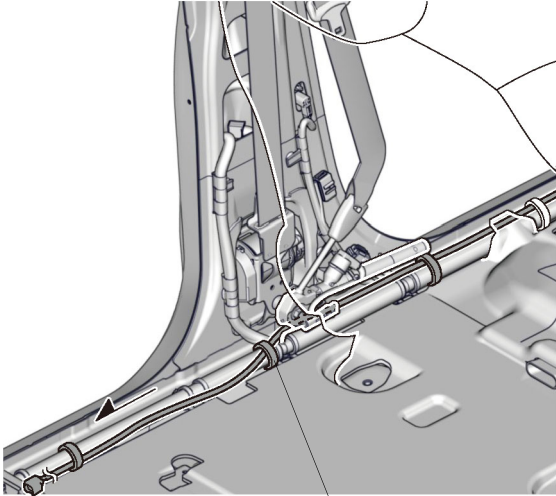
HARNESS A

3 WIRE
TIES A

QEN0304AG

44. Secure the harness A.

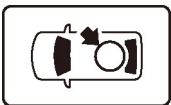
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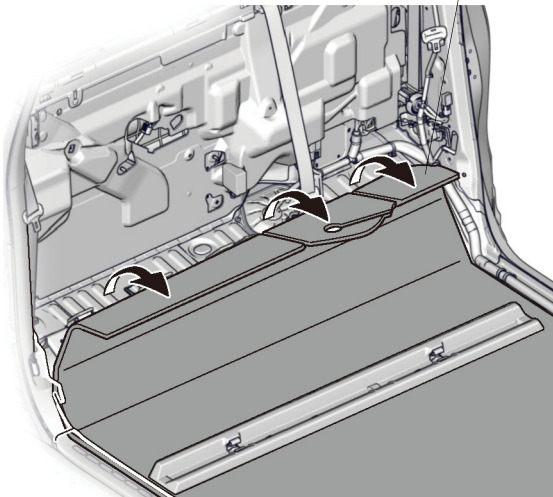
**3 WIRE
TIES A**

QEN0305BG

45. Fold back the floor carpet.

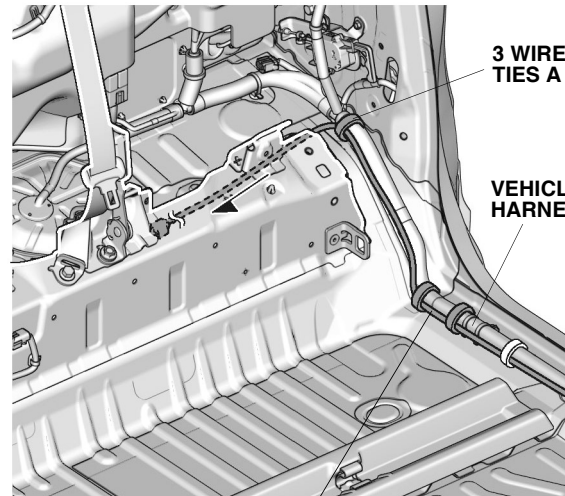
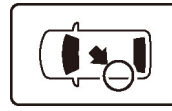


**FLOOR
CARPET**



QF11505BG

46. Secure the harness A.



**3 WIRE
TIES A**

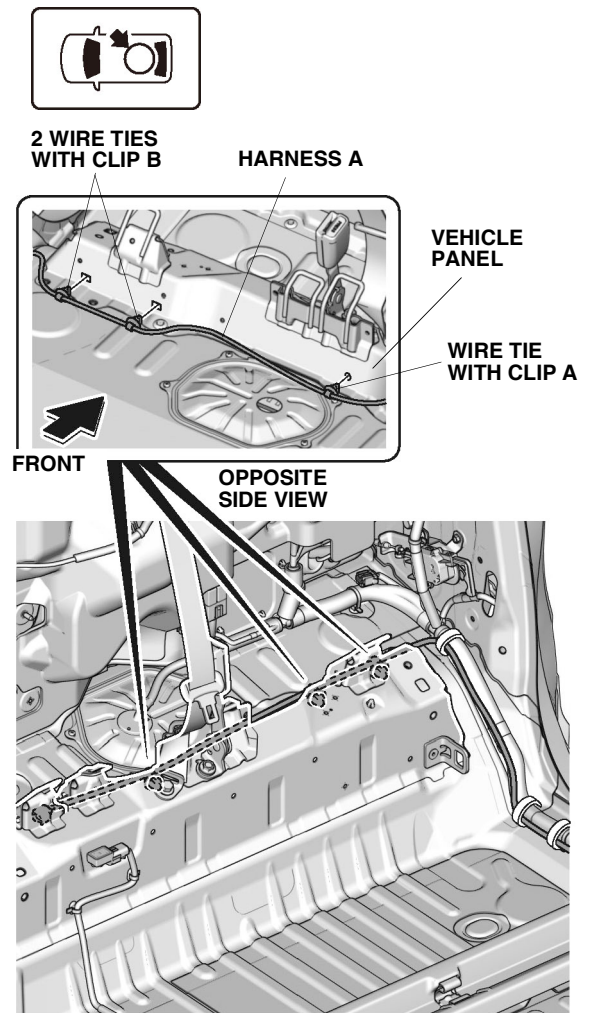
**VEHICLE
HARNESS**

HARNESS A

QK63034AG

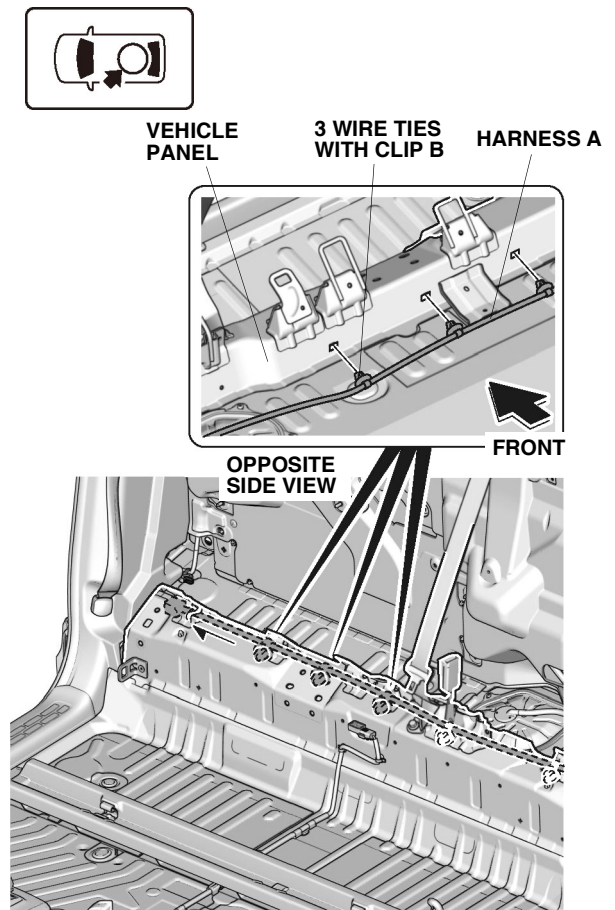
47. Secure the harness A.

Germain Honda of College Hills



QK63035AG

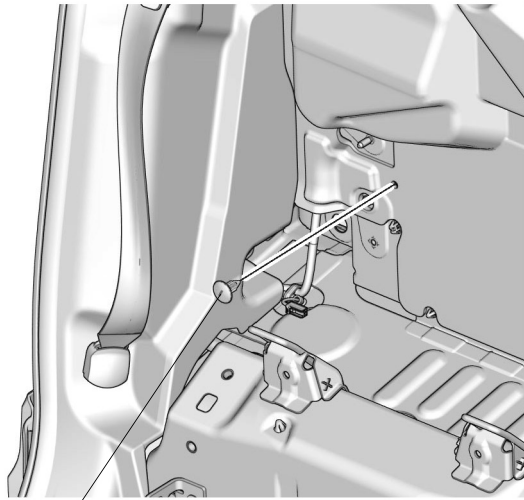
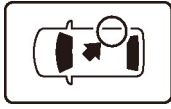
48. Secure the harness A.



QK63036AG

49. Remove the clip.

Germain Honda of College Hills



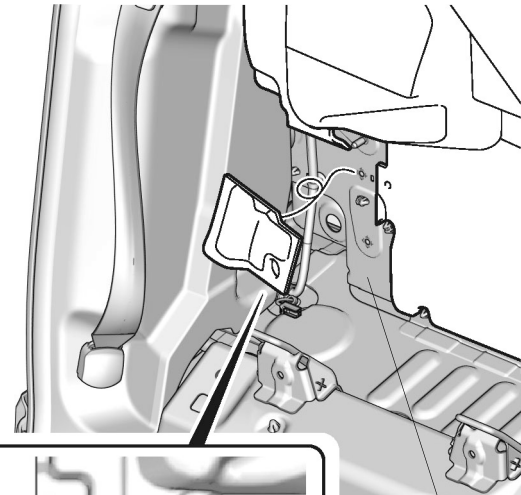
CLIP

QK63037AG

50. Cut off the insulator.

NOTE

Be careful not to damage the vehicle panel.



VEHICLE
PANEL

90 mm
(3.54 in.)

CUTTING
AREA

100 mm
(3.94 in.)

INSULATOR

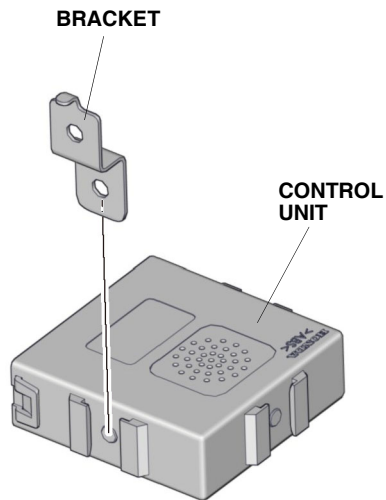
QK63038AG

51. Install the bracket.

NOTE

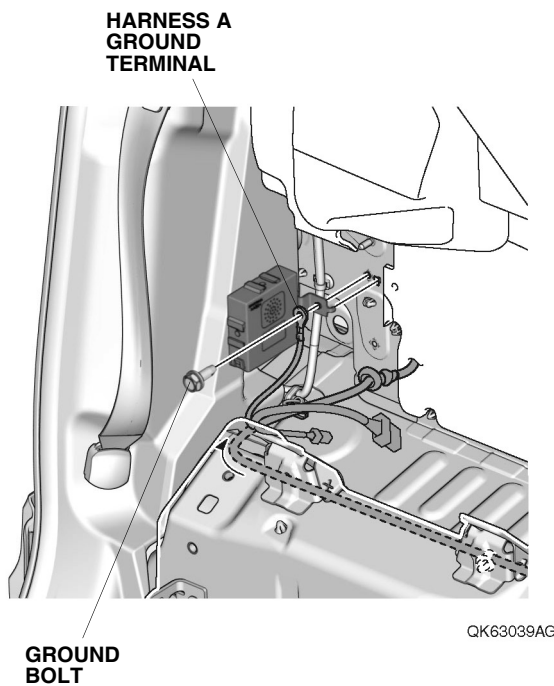
Make sure that the bracket is installed in the correct position and orientation.

Germain Honda of College Hills



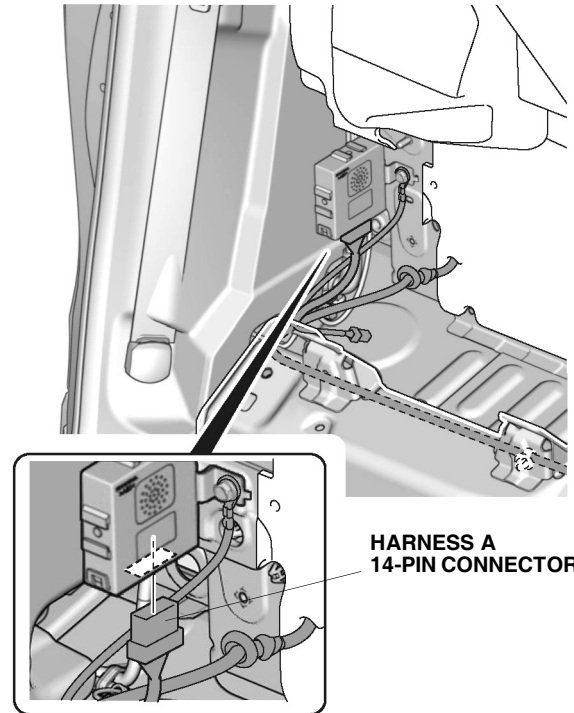
QEN0310AG

52. Secure the harness A ground terminal and control unit.



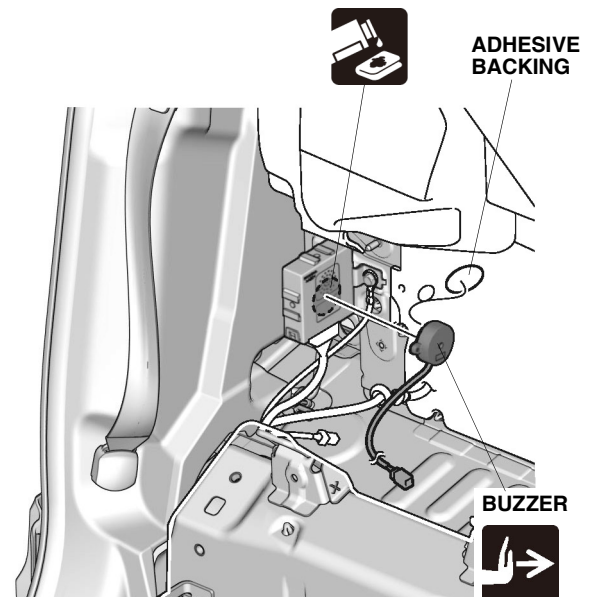
QK63039AG

53. Plug-in harness A connector.



QK63040AG

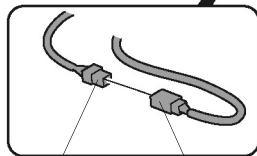
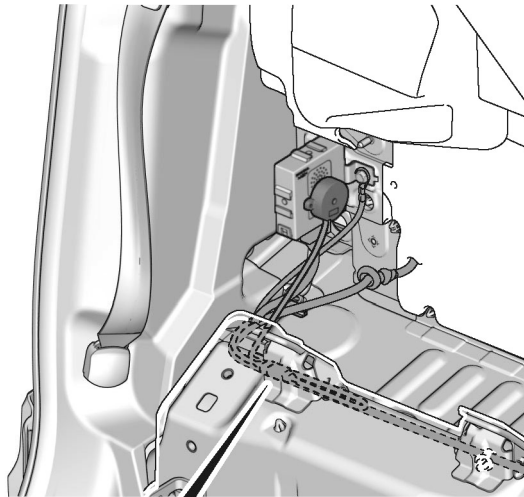
54. Attach the buzzer.



QK63041AG

55. Plug-in harness A connector.

Germain Honda of College Hills

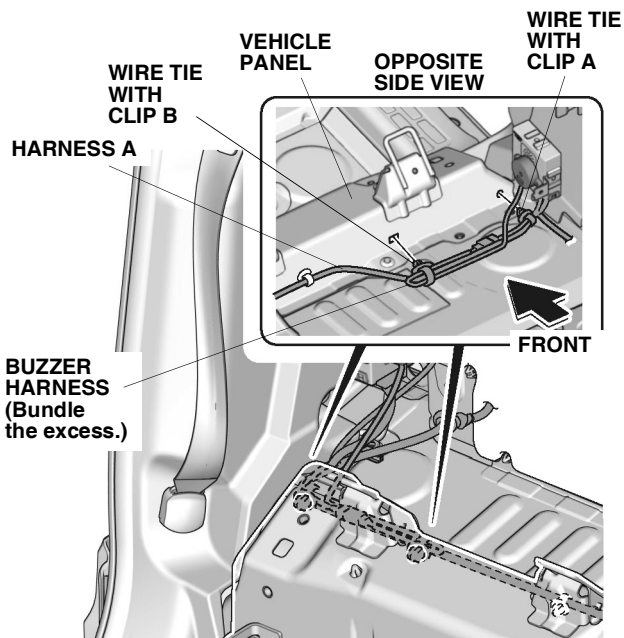


**HARNESS A
2-PIN
CONNECTOR**

**BUZZER 2-PIN
CONNECTOR**

QK63042AG

56. Secure the harness A and buzzer harness.

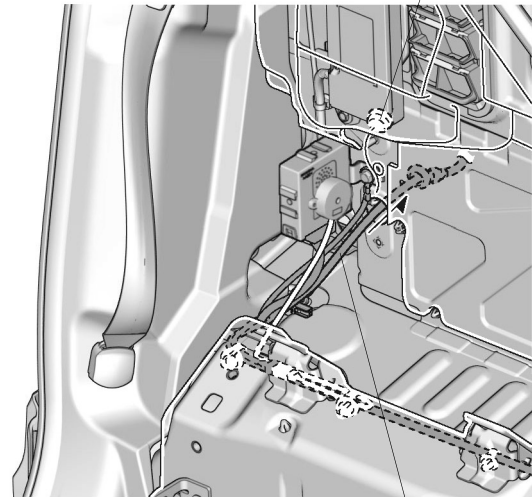


**BUZZER
HARNESS
(Bundle
the excess.)**

QK63043AG

57. Remove the vehicle grommet.

**VEHICLE
GROMMET**



QK63044AG

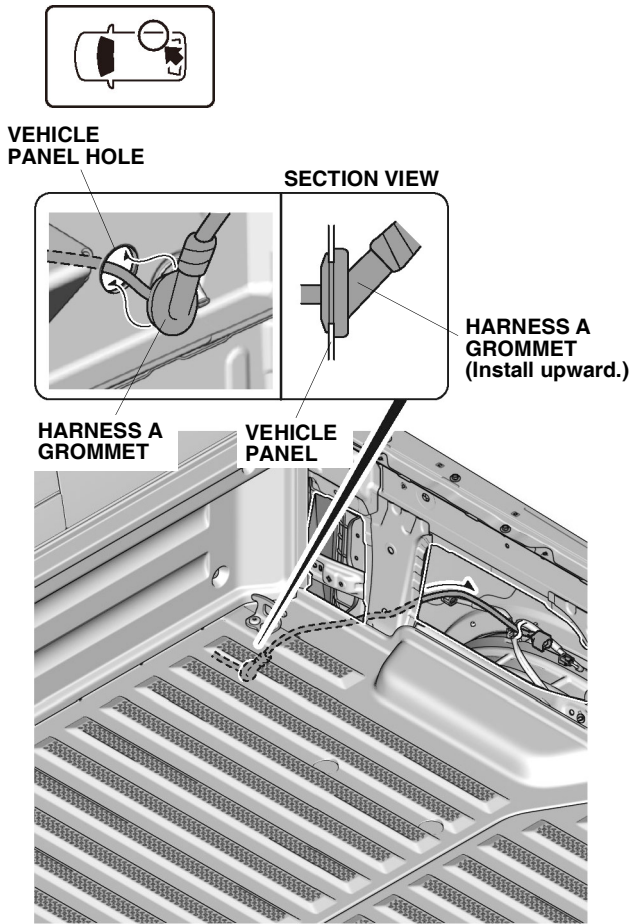
HARNESS A

58. Route the harness A.
59. Install the floor carpet.
60. Install the harness A grommet.

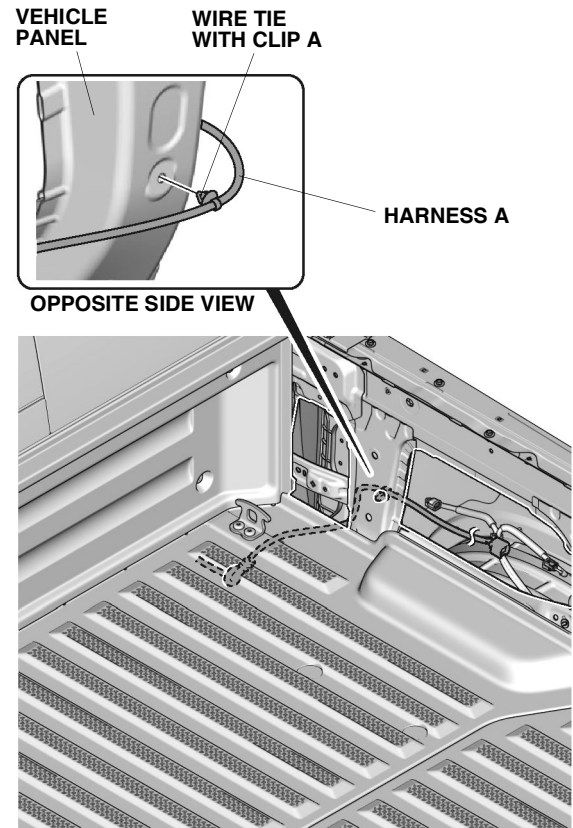
NOTE

- Install the harness by holding grommet.
- Make sure to check that the grommet is secured properly.
- Make sure to install the harness grommet in the correct orientation.

Germain Honda of College Hills

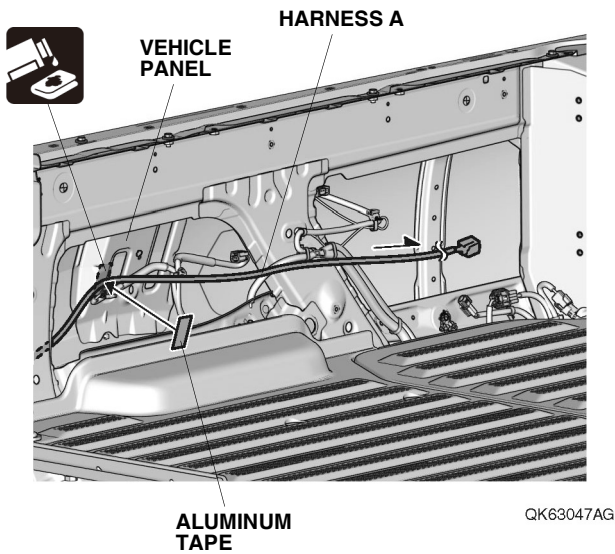
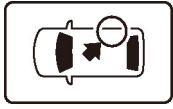


61. Secure the harness A.

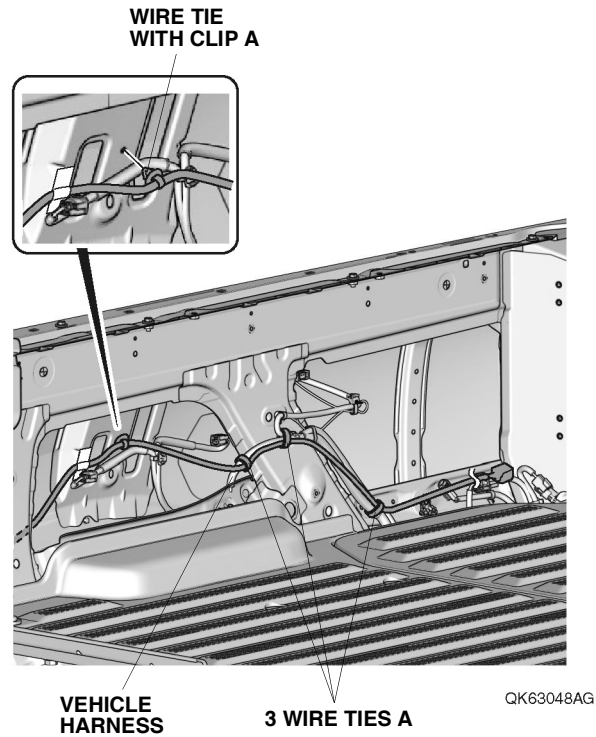


62. Secure the harness A.

Germain Honda of College Hills

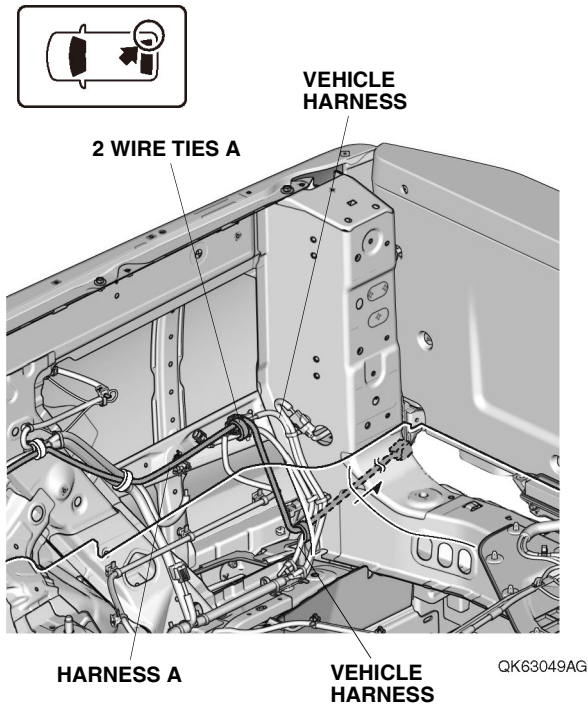


63. Secure the harness A.

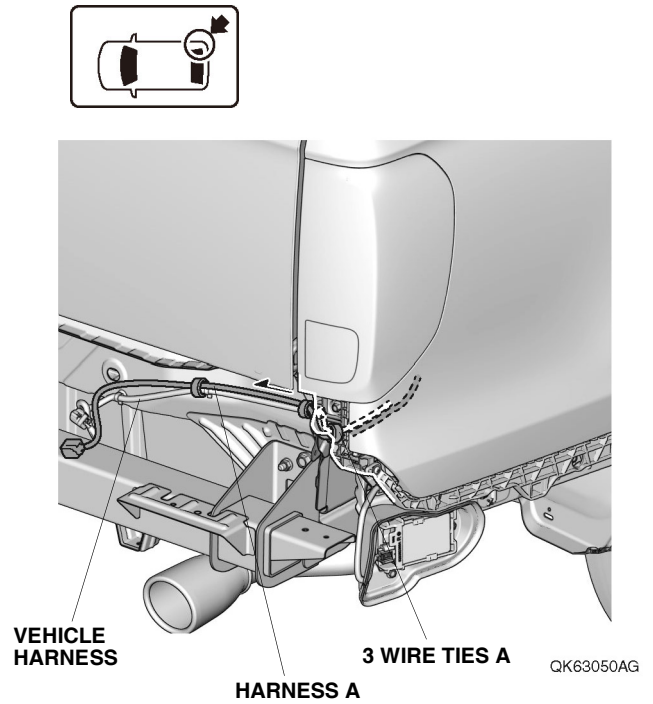


64. Secure the harness A.

Germain Honda of College Hills

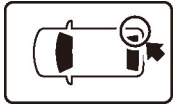


65. Secure the harness A.

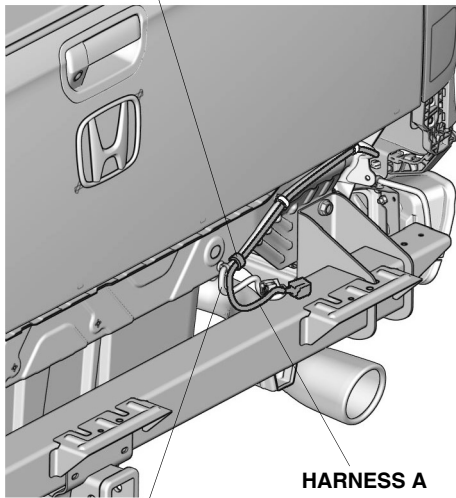


66. Secure the harness A.

Germain Honda of College Hills



WIRE TIE A

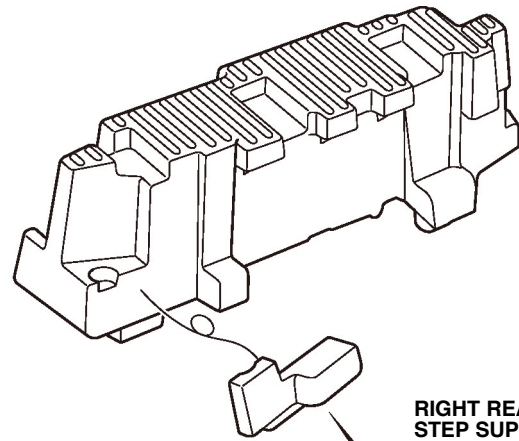


VEHICLE HARNESS

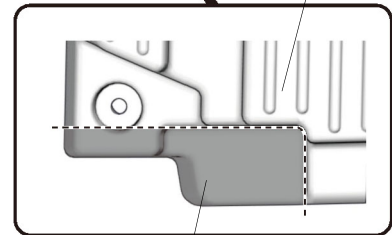
HARNESS A

QK63051AG

67. Cut off the right rear step support.



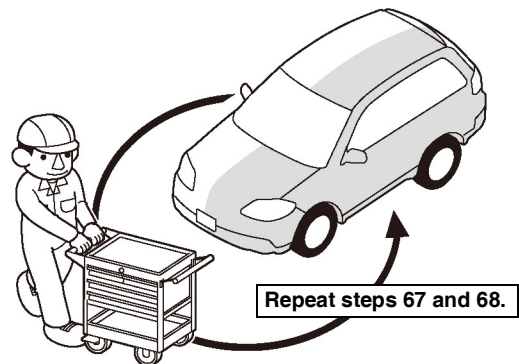
RIGHT REAR STEP SUPPORT



CUTTING AREA

QF11801BG

68. Install the right rear step support.
69. Repeat same procedures for the other side.



Repeat steps 67 and 68.

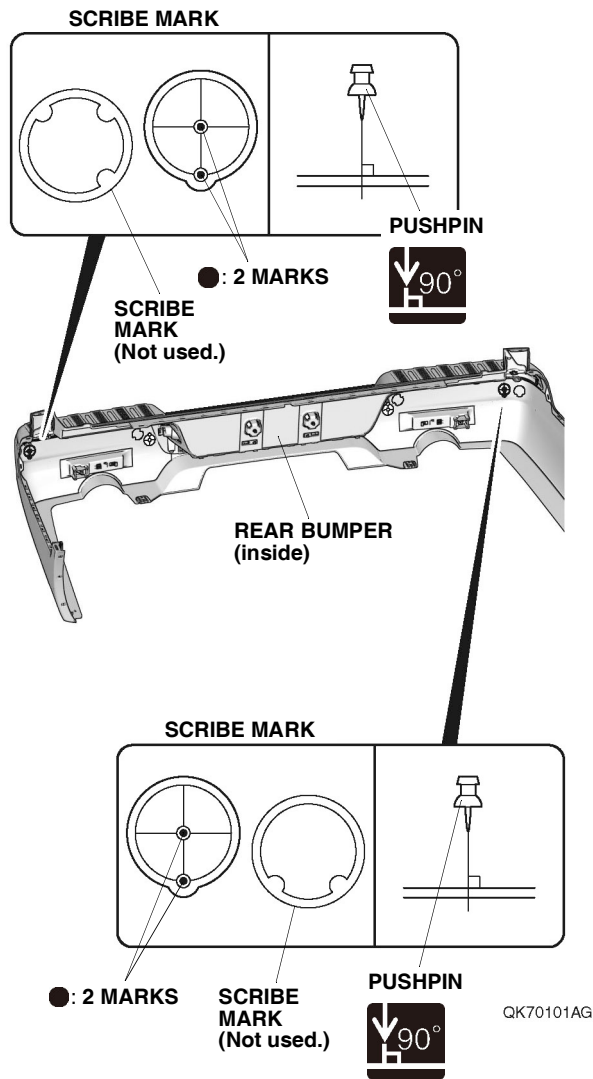
Q9D1013AM

70. Pierce the rear bumper.

NOTE

Make sure to locate the correct scribe mark.

Germain Honda of College Hills

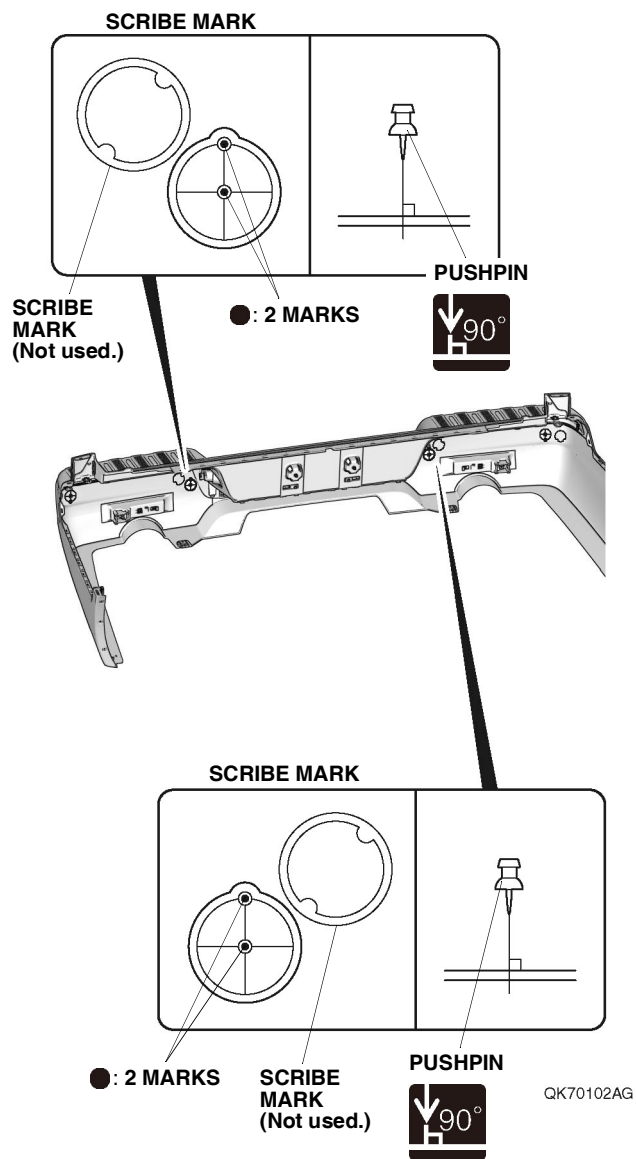


71. Pierce the rear bumper.

NOTE

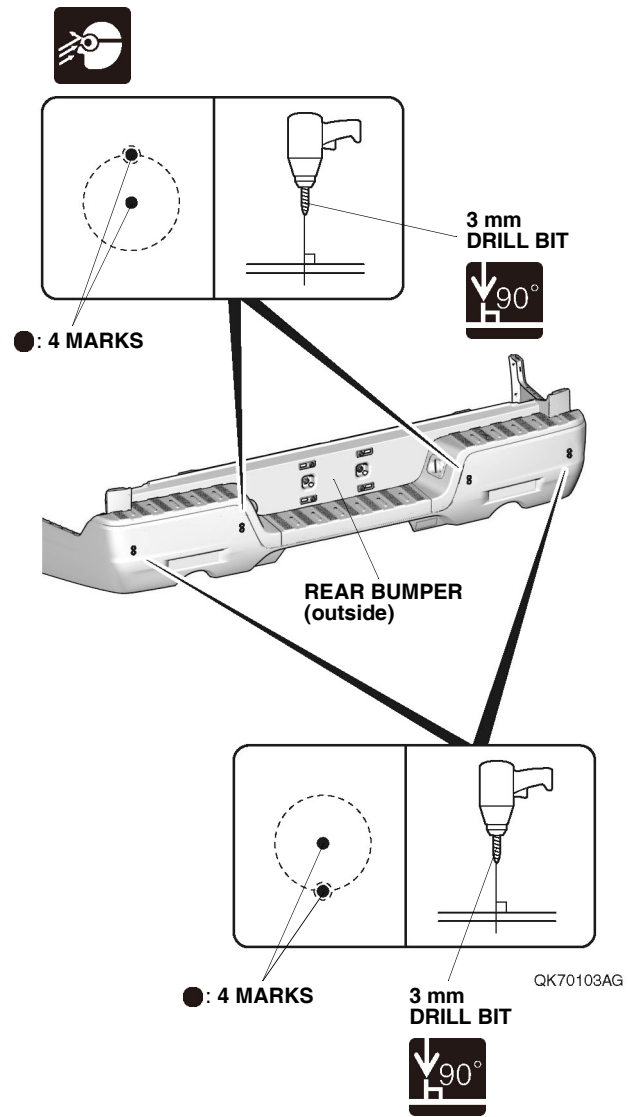
Make sure to locate the correct scribe mark.

Germain Honda of College Hills



72. Drill the rear bumper.

Germain Honda of College Hills

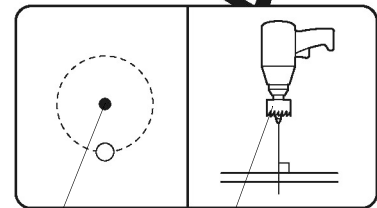
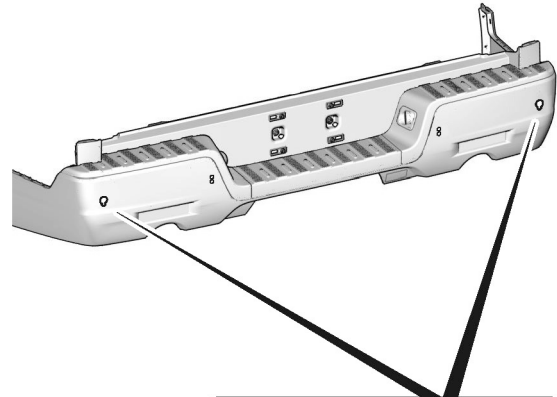


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73. Drill the rear bumper.

NOTE

Make sure to drill the correct position.



●: 2 UPPER HOLES

24 mm HOLE SAW

QK70104AG

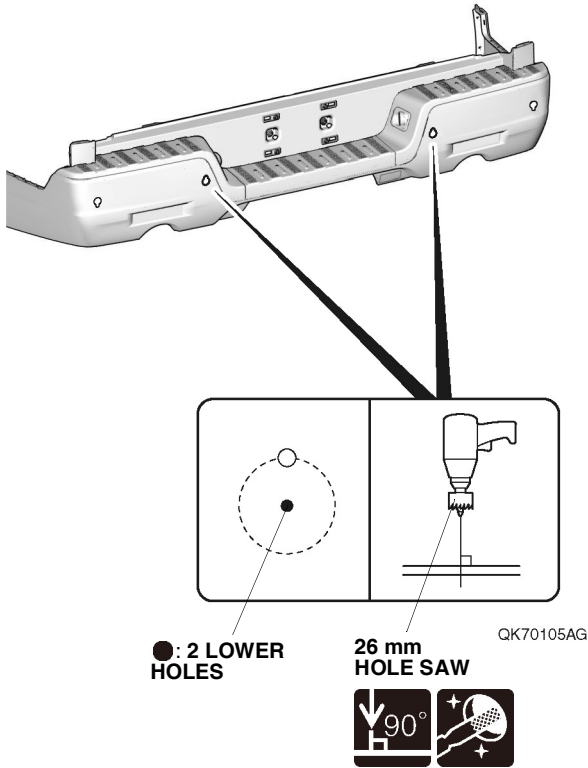


74. Drill the rear bumper.

NOTE

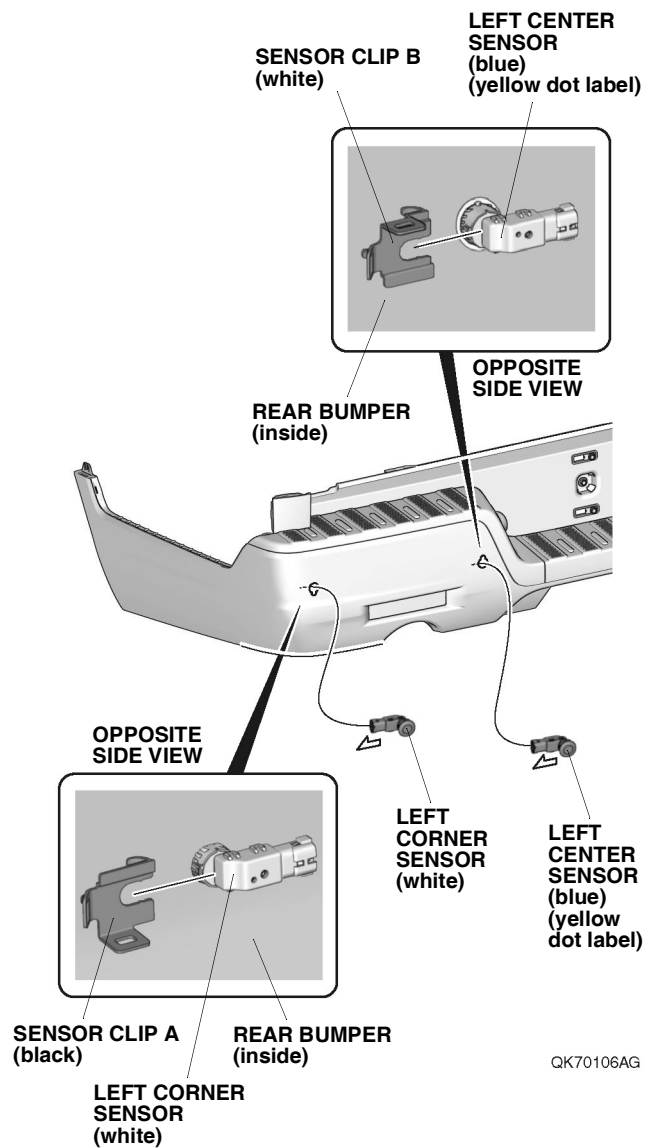
Make sure to drill the correct position.

Germain Honda of College Hills

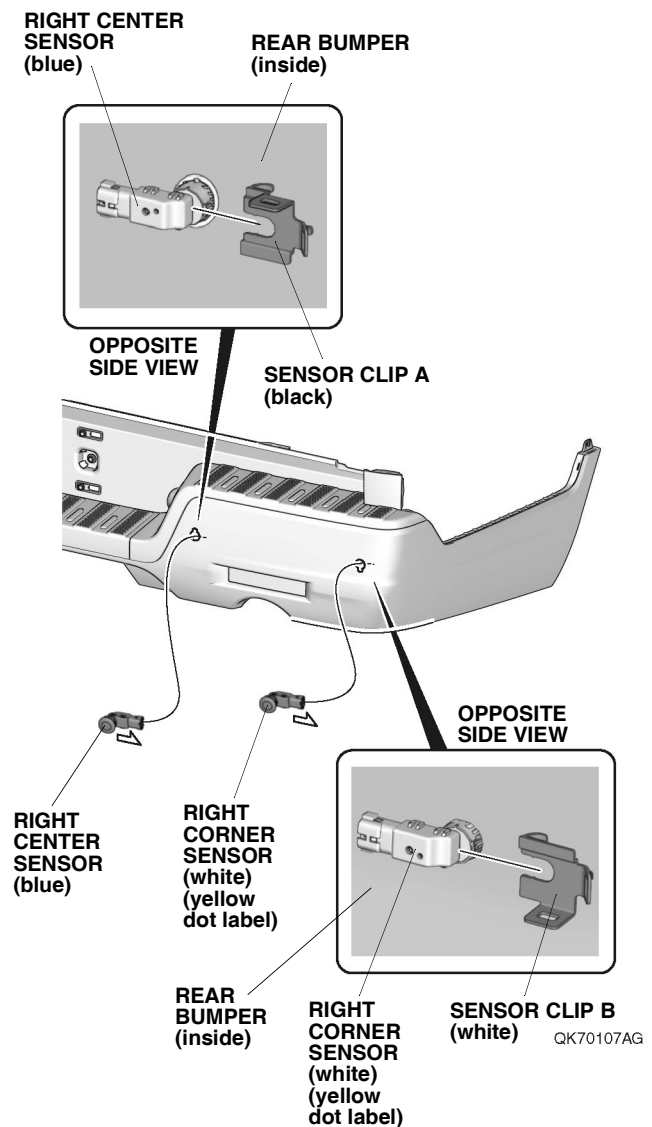


75. Install the left center sensor (blue) (yellow dot label) and left corner sensor (white).

Germain Honda of College Hills

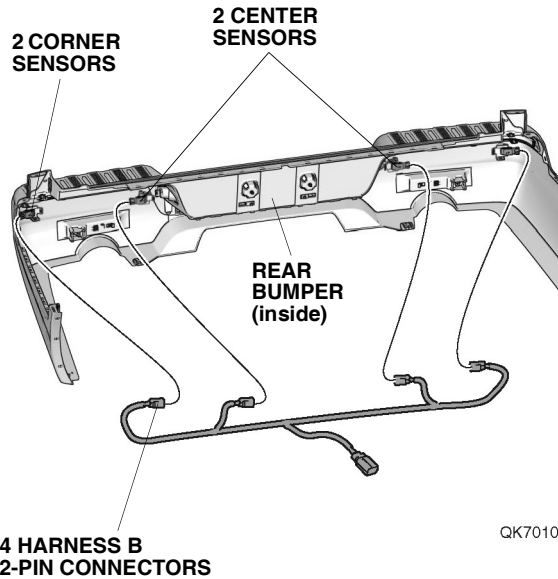


76. Install the right center sensor (blue) and right corner sensor (white) (yellow dot label).

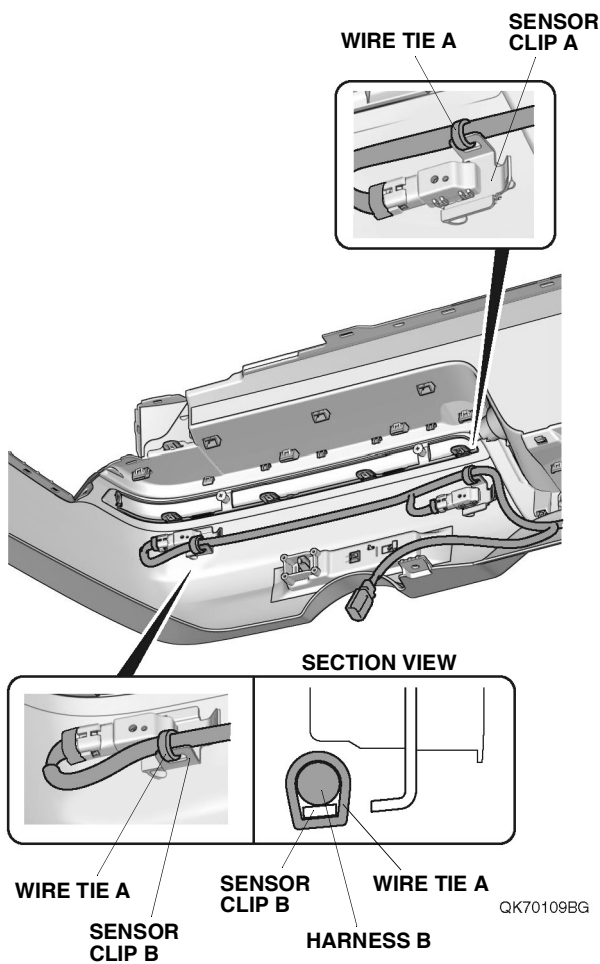


77. Plug-in harness B connectors.

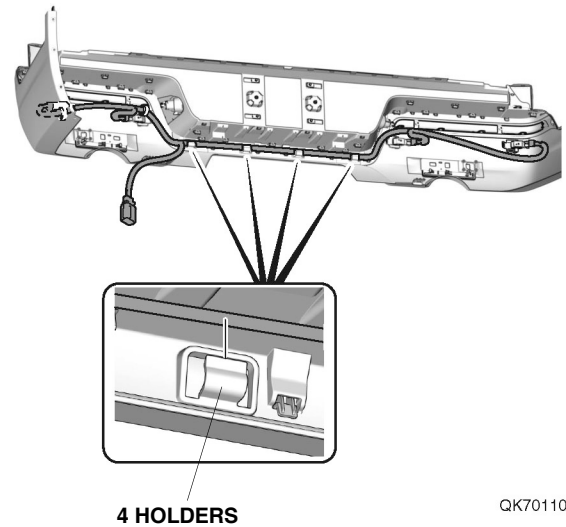
Germain Honda of College Hills



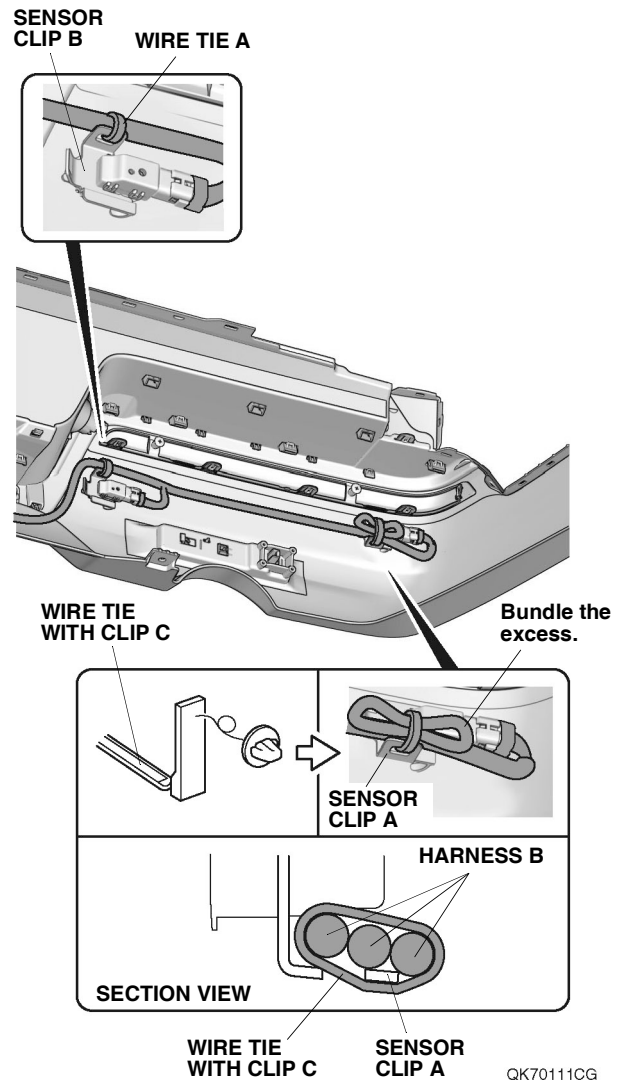
78. Secure the harness B.



79. Secure the harness B.

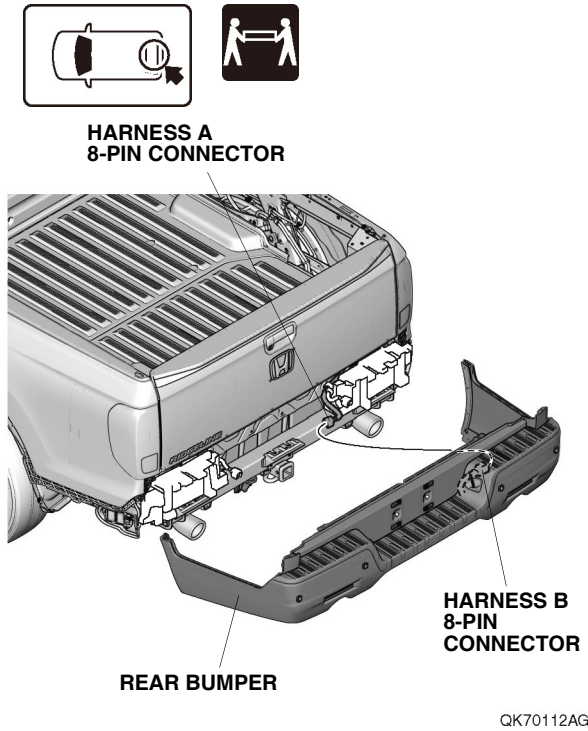


80. Secure the harness B.



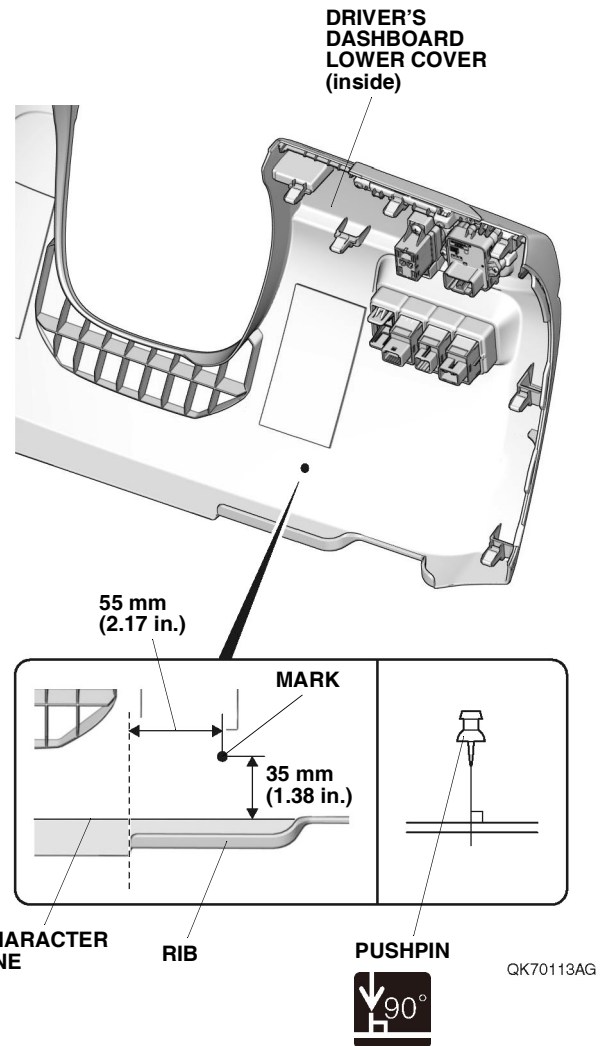
Germain Honda of College Hills

81. Plug-in harness A connector.



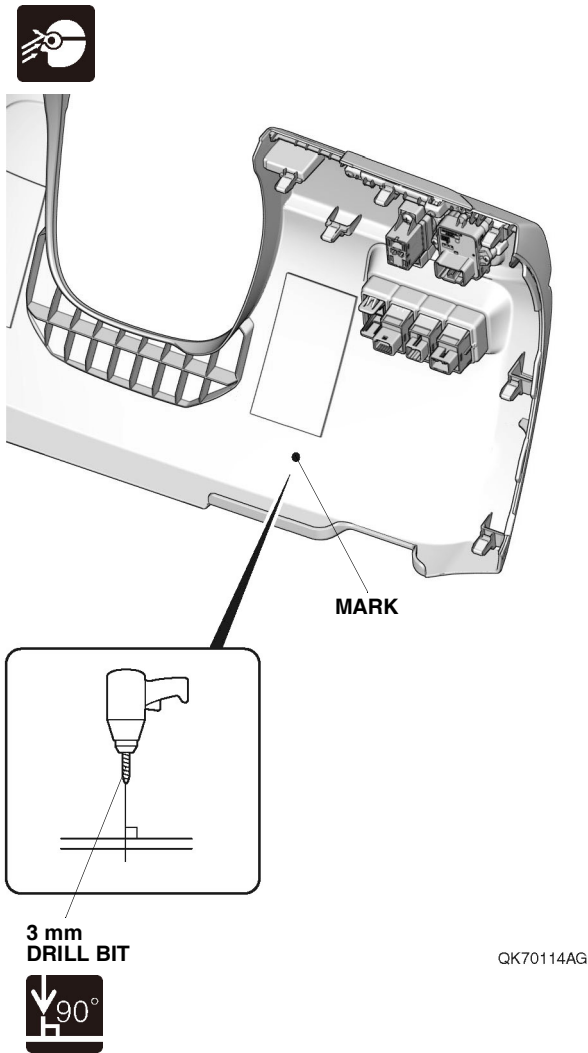
82. Install the rear bumper.

83. Pierce the driver's dashboard lower cover.

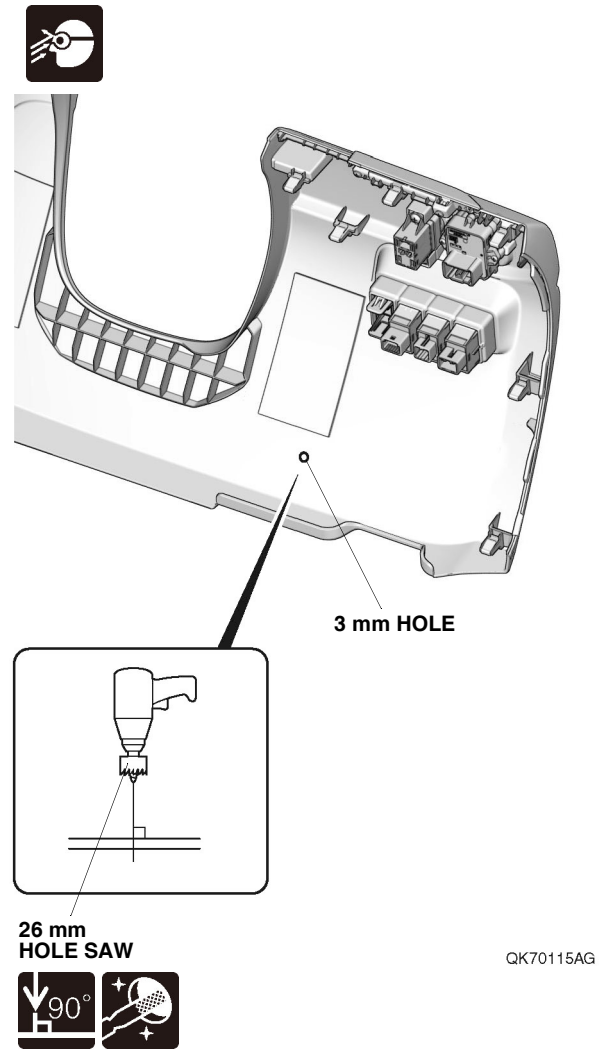


84. Drill the driver's dashboard lower cover.

Germain Honda of College Hills

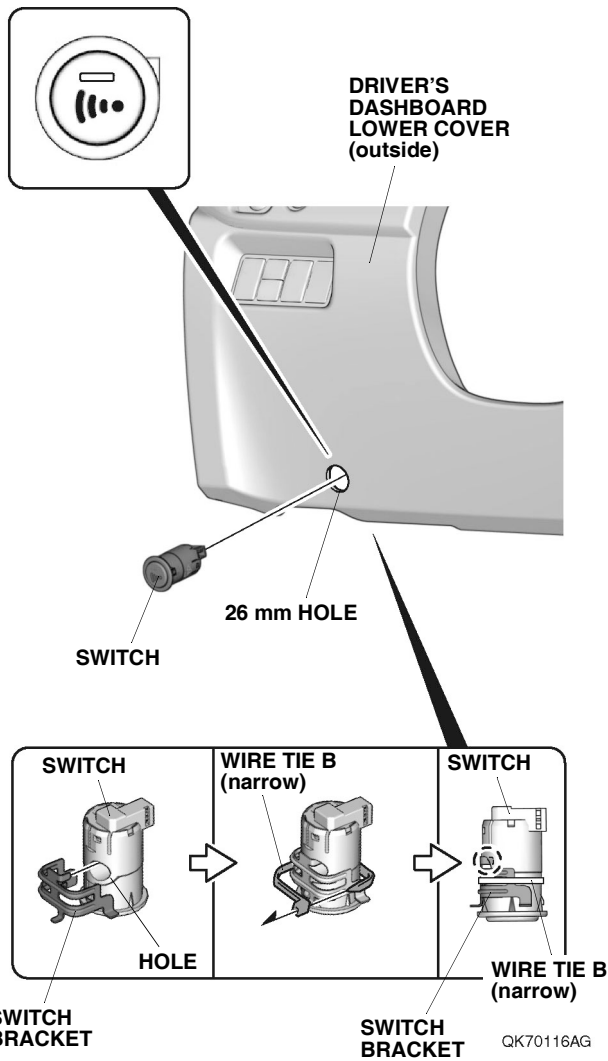


85. Drill the driver's dashboard lower cover.

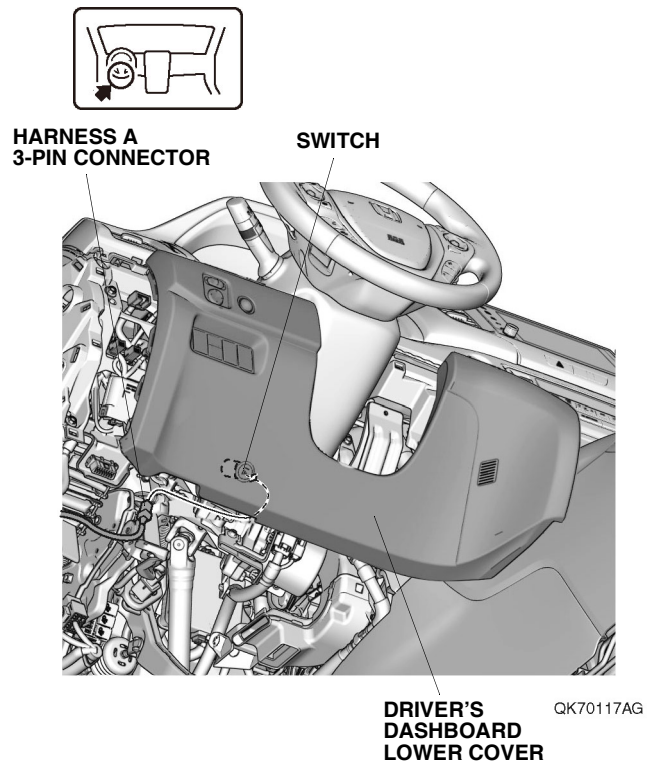


86. Install the switch.

Germain Honda of College Hills

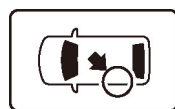


87. Plug-in harness A connector.



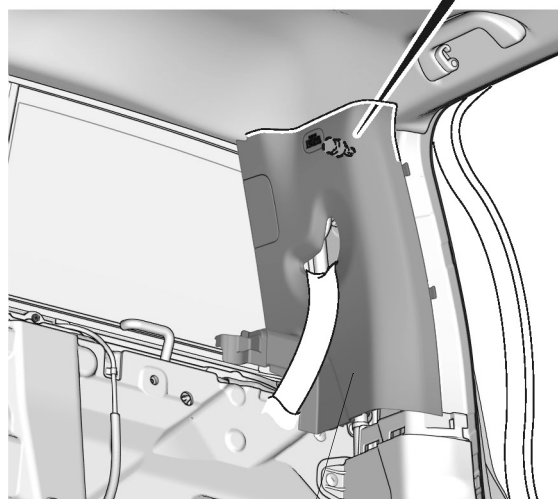
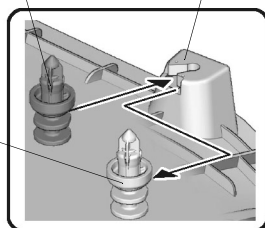
- 88. Install the driver's dashboard lower cover.
- 89. Install the left C-pillar lower trim.

Germain Honda of College Hills



NEW CLIP
LEFT C-PILLAR UPPER TRIM (inside)

CLIP (Do not reuse.)



LEFT C-PILLAR UPPER TRIM

QK70118AG

90. Check the overlap between the headliner and the left C-pillar upper trim.

NOTE

Check and adjust the overlap as described in the service information.

91. Replace the clip.

NOTICE

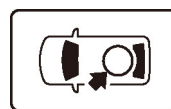
Make sure to use the replacement clip provided in this kit.

92. Install the left C-pillar upper trim.

NOTICE

- Make sure the side curtain airbag is not tucked under any clips.
- Do not push too hard on the C-pillar upper trim.

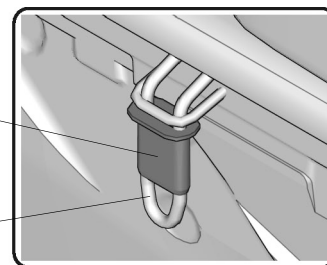
93. Install the left rear seat belt lower anchor bolt and left rear seat belt lower anchor bolt cover.



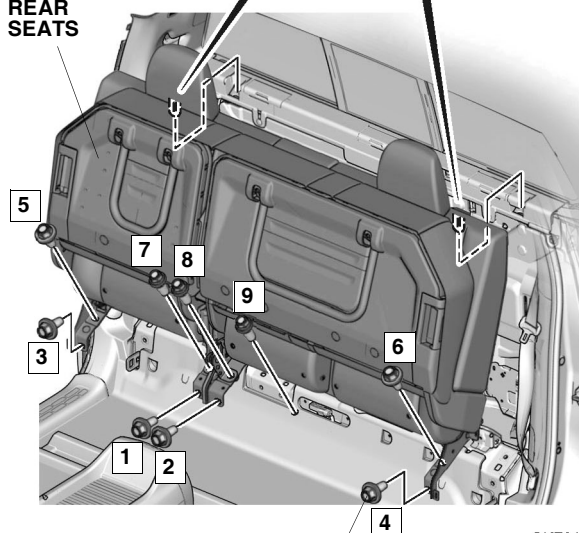
OPPOSITE SIDE VIEW

2 SEAT COLLARS

2 SEAT-BACK HOOKS



REAR SEATS



QK70119AG

9 REAR SEAT MOUNTING BOLTS



**30-39 lb-ft
(41.0-53.0 N·m)**

94. Install the rear trim panel cover and subwoofer.
95. Install the rear seats.

NOTICE

- Install in the order shown.
- Check for missing or displaced seat collars between the seat-back hooks and the body.
- Tighten the rear seat mounting bolts by hand first, then tighten them to the specified torque.

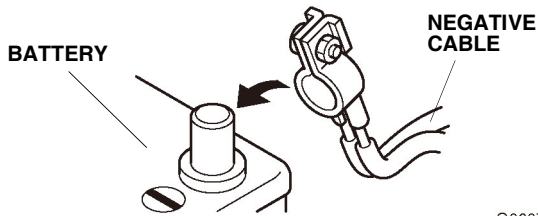
96. Check that all parts are installed and properly routed.

NOTE

- Check that all harnesses are not pulled and not pinched.
- Make sure all clamps and wire ties are securely installed.

Germain Honda of College Hills

97. Install all removed parts except for the front bulkhead cover and intake air tube.
98. Connect the negative cable to the battery.



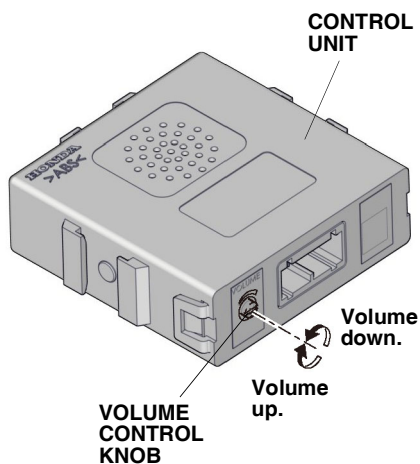
Q060702BM

99. Install the front bulkhead cover and intake air tube.
100. Make sure the accessory operates as described in the Accessory User's Information Manual.
101. Make sure all accessories and systems operate properly.
102. If necessary, restore the systems back to normal operation as described in the service information.
103. Press and hold the audio unit power button for 2 seconds to restore the audio and navi (if equipped) system functions.
104. Make sure your customer receives the Accessory User's Information Manual.

Adjust the Volume Control

NOTE

- The factory setting is maximum volume.
- After confirming the operation, turn the volume control knob to the appropriate level, using a small flat-tip screwdriver.
- Do not force the adjuster as it could damage the unit.



QC80511AX