



# INSTALLATION INSTRUCTIONS

Accessory  
TRAILER HITCH

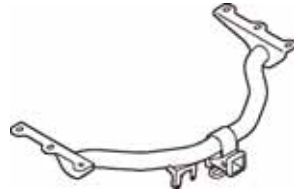
Application  
2019 MDX

Publications No.  
**VERSION 1**  
Issue Date  
**JULY 2018**

## PARTS LIST

Trailer Hitch Kit  
P/N 08L92-TZ5-200B

Trailer hitch



Ball mount



Hitch pin



Hitch pin clip



Receiver cover



6 Flange bolts, 14 x 40 mm



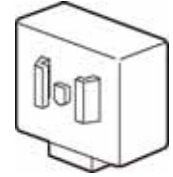
Trailer Hitch Cover Kit  
P/N 08L92-TZ5-200C

Trailer hitch cover

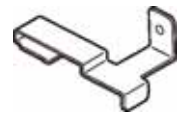


Trailer Hitch Harness Kit  
P/N 08L91-TZ5-200A

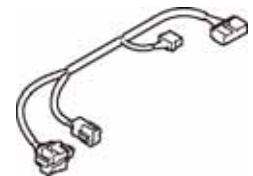
Control unit



Control unit bracket



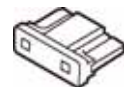
Control unit harness



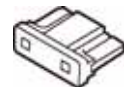
Socket harness



2 Blade fuses, 7.5A



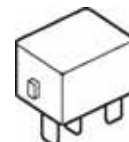
2 Blade fuses, 20A



Block fuse, 20A



2 Relays



5 Wire ties



Flange bolt, 6 x 16 mm



Shoulder bolt, 6 x 19 mm



2 Flange nuts



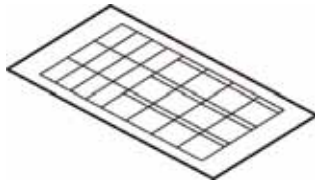
Urethane tape



Subharness kit



Fuse label



Accessory User's Information Manual



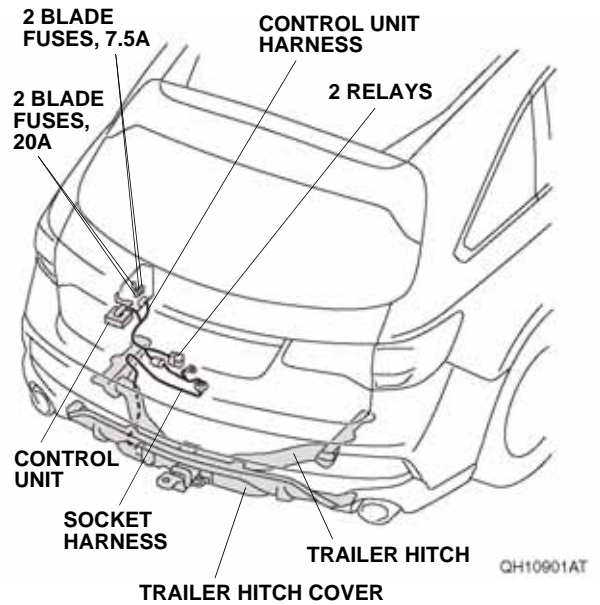
## TOOLS AND SUPPLIES REQUIRED

- Phillips screwdriver
- 10 mm Open end wrench
- Ratchet
- Torque wrench
- 10 mm and 18 mm Sockets
- Flat-tip screwdriver
- Pushpin
- Ruler
- Scissors
- Utility knife
- File
- Diagonal cutters
- Isopropyl alcohol
- Shop towel
- Masking tape
- Blanket

*The following tools are available through the Acura 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 Trailer Hitch Installed on the Vehicle

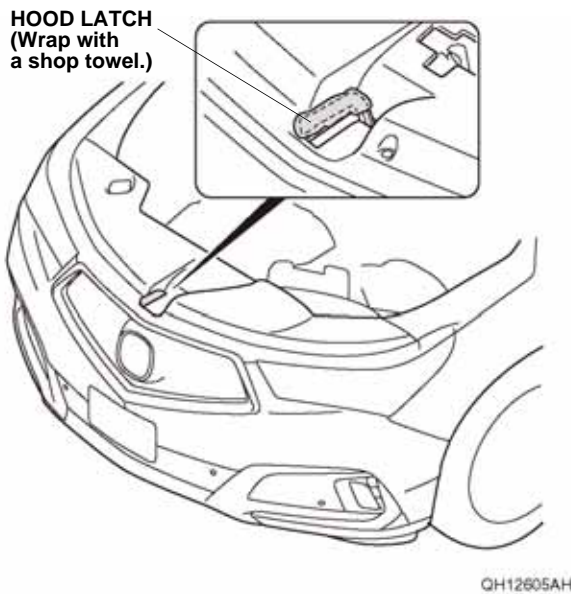


## INSTALLATION

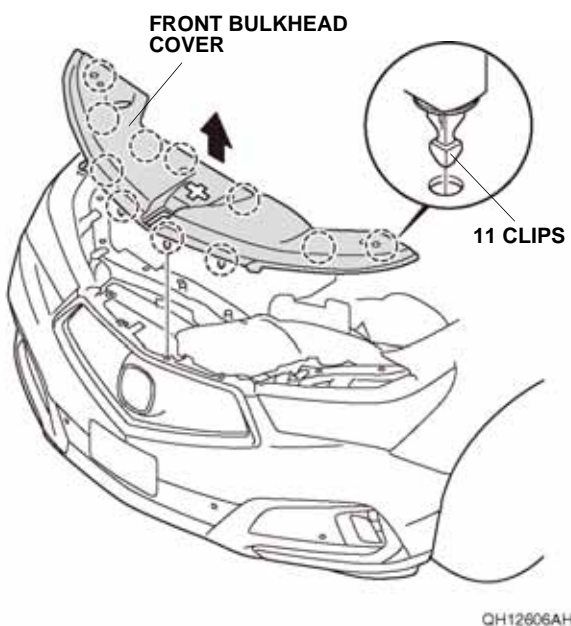
**Client Information:** The information in this installation instruction is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely add equipment to your vehicle. These procedures should not be attempted by “do-it-yourselfers.”

### Removing the Vehicle Parts

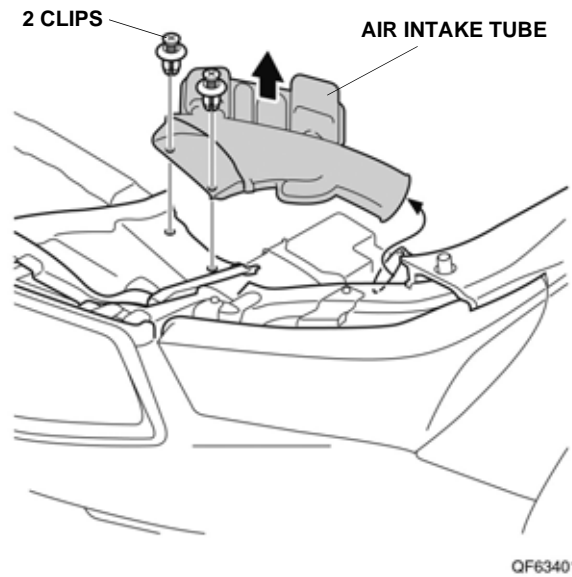
1. Disconnect the negative cable from the battery:
  - Wrap a shop towel around the hood latch.



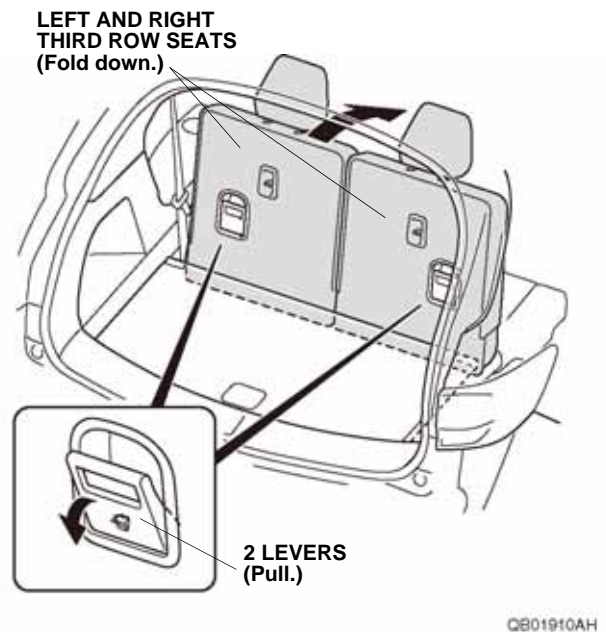
- Remove the front bulkhead cover.



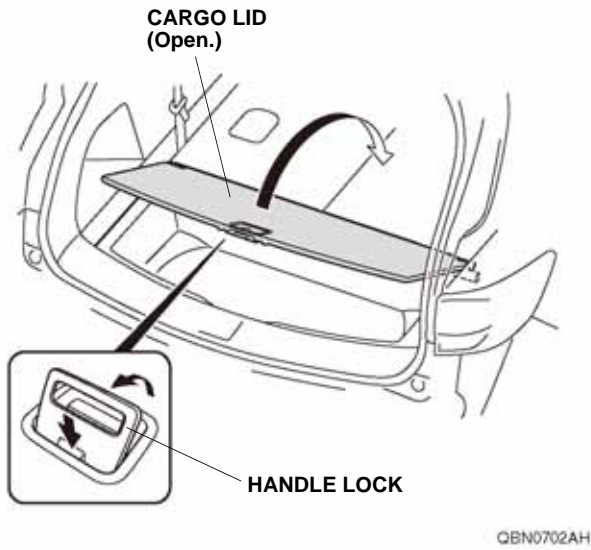
- Remove the air intake tube.
- Disconnect the negative cable from the battery.



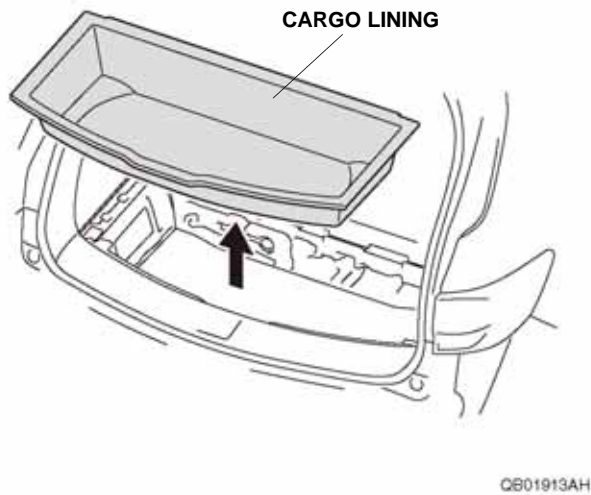
2. Pull each lever and fold down the left, and right third row seats.



3. Open the cargo lid.

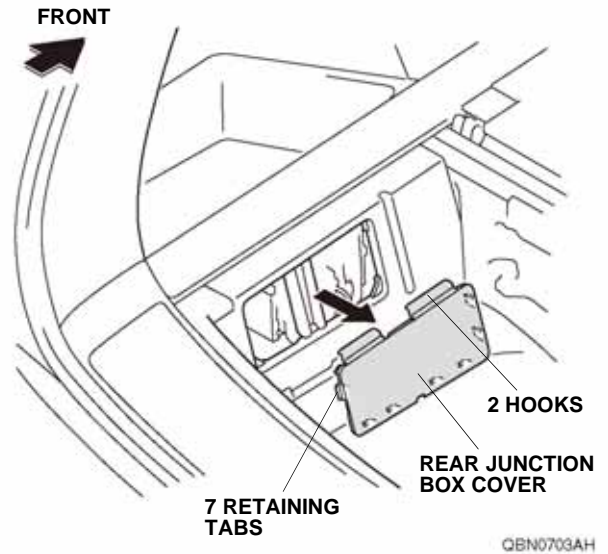


4. Remove the cargo lining.

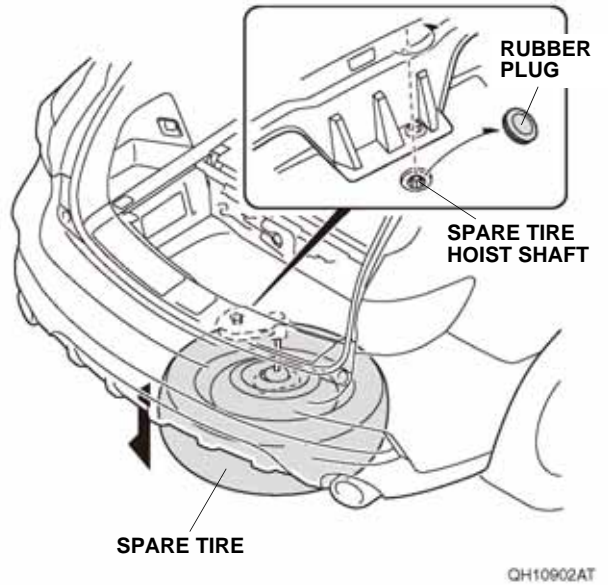


If the vehicle is equipped with a trailer hitch harness, continue with step 5; otherwise, go to step 6.

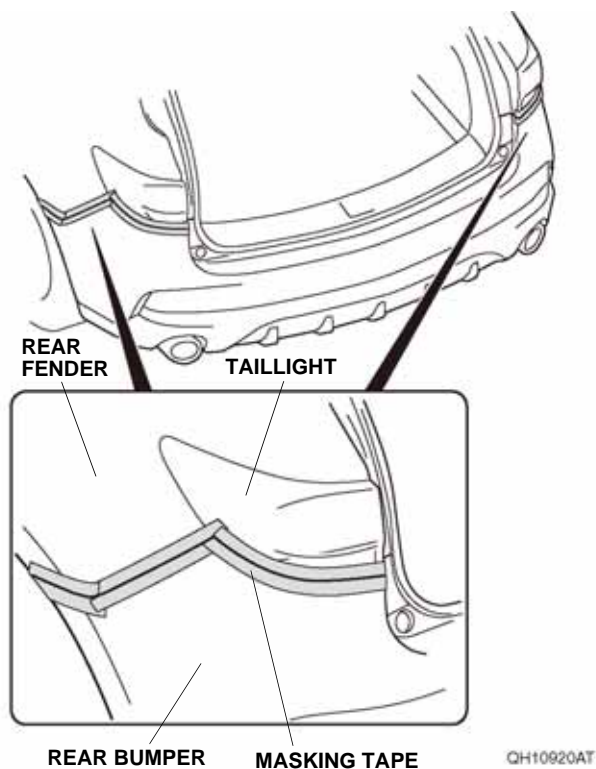
5. Remove the rear junction box cover.



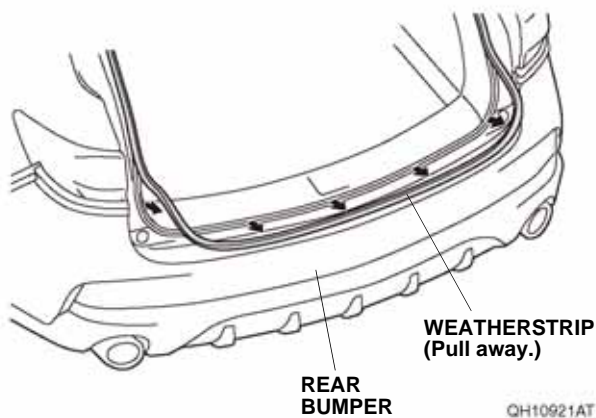
6. Locate and remove the rubber plug to access the spare tire hoist shaft. Lower the spare tire completely.



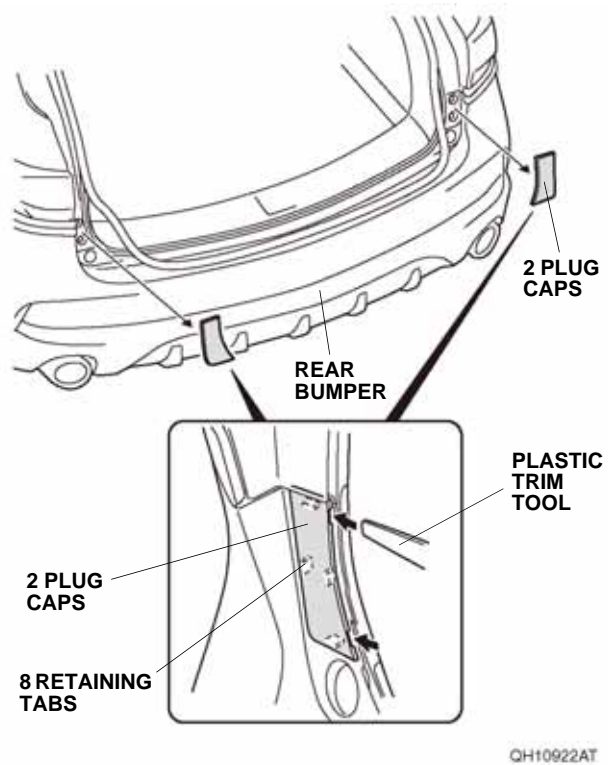
7. Remove the rear bumper:
  - Apply masking tape as shown.



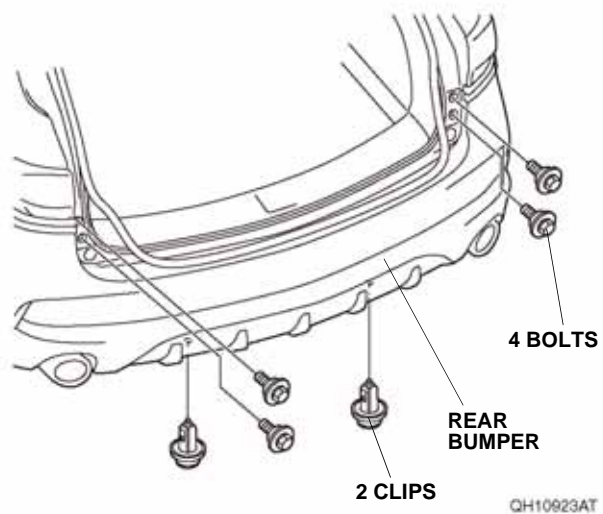
- Pull away the weatherstrip.



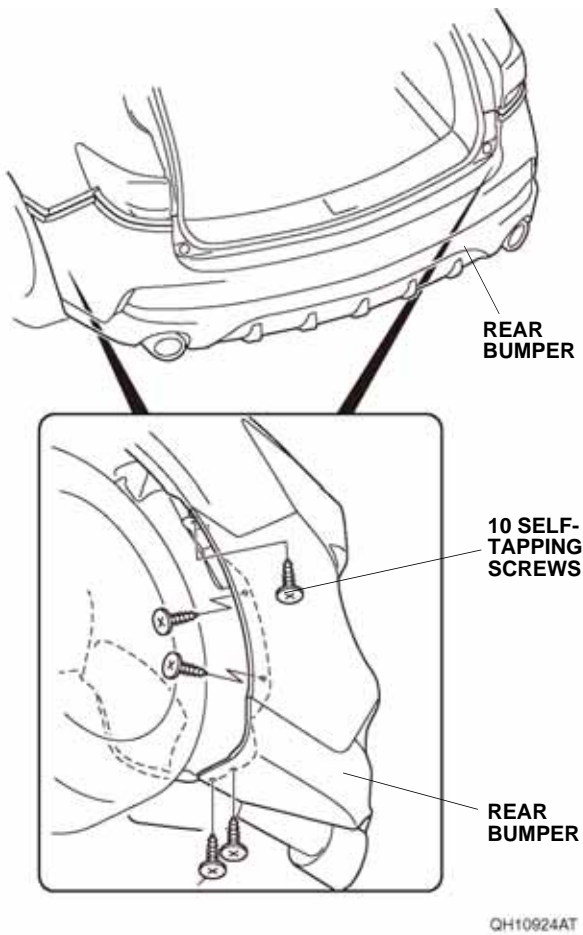
- Using a plastic trim tool, remove the two plug caps.



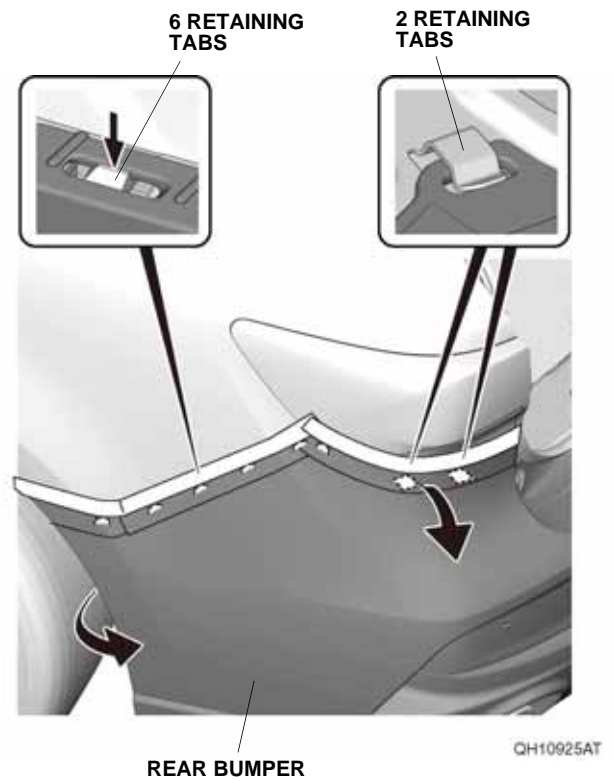
- Remove the four bolts and two clips.



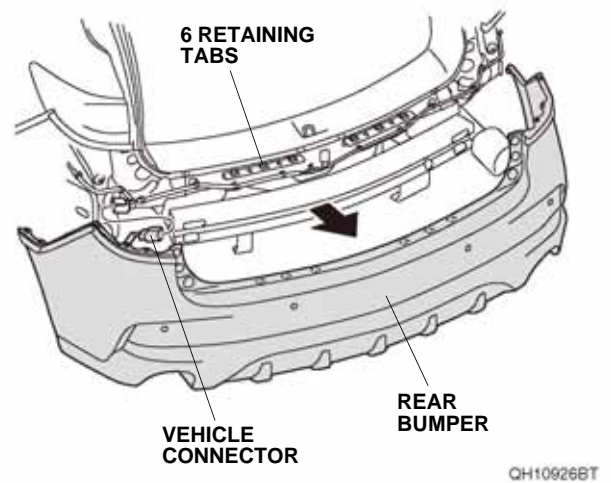
- Remove the five self-tapping screws on each side.



- With the help of an assistant, release the eight retaining tabs on each side.  
NOTE: Remove the retaining tabs starting from the wheel side, making sure to release the retaining tabs as shown.

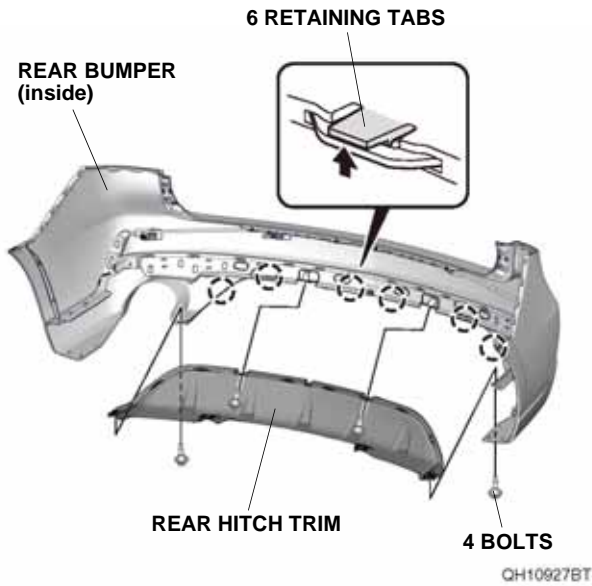


- With the help of an assistant, remove the rear bumper, and unplug the vehicle connector. Place the rear bumper on a blanket to prevent damage.



## Installing the Trailer Hitch

- Remove the rear hitch trim.

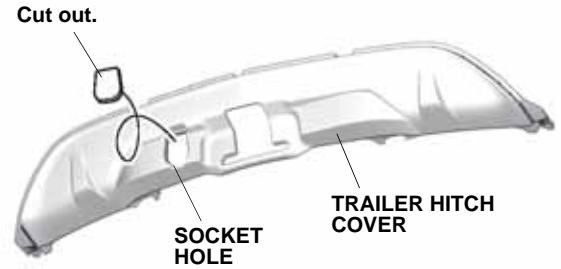


- Remove the two clip nuts from the rear hitch trim, and transfer the two clip nuts to the trailer hitch cover.

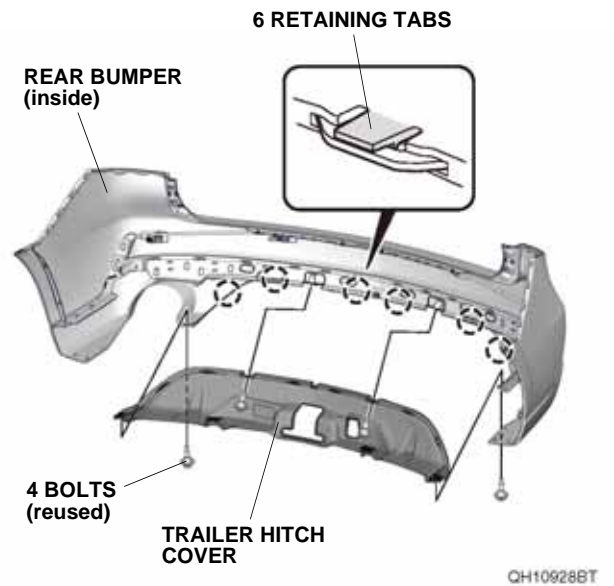


If the vehicle is equipped with a trailer hitch harness, continue with step 10; otherwise, go to step 11.

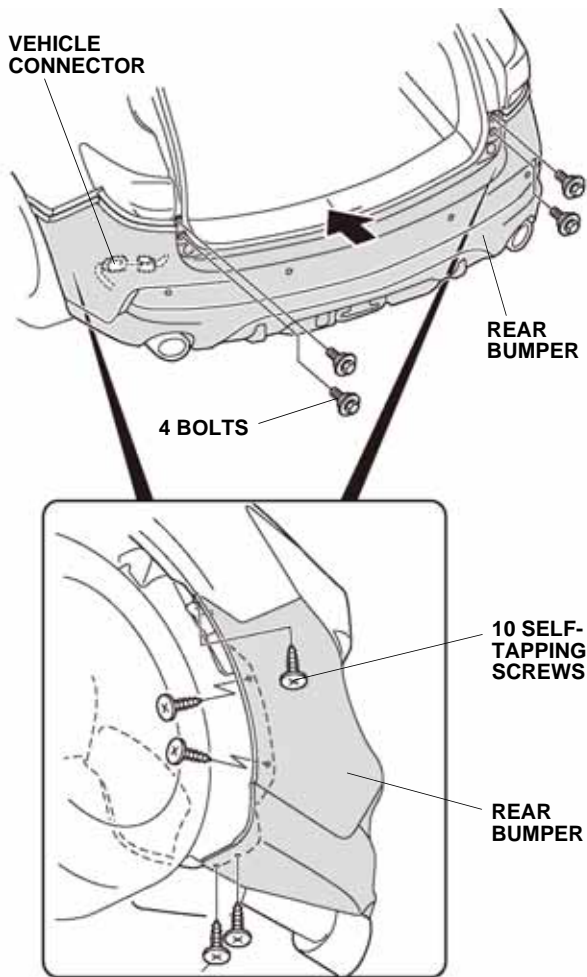
- Using a utility knife, cut out the trailer hitch cover as shown. Remove any burrs.



- Install the trailer hitch cover to the rear bumper with the six retaining tabs and four bolts.



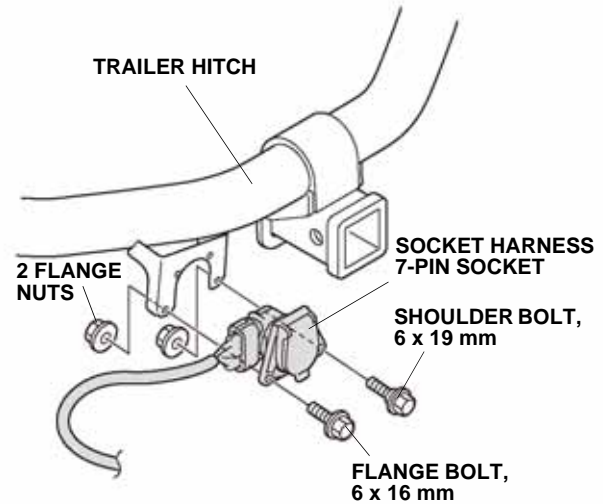
12. With the help of an assistant, plug in the vehicle connector and install the front bumper as shown.



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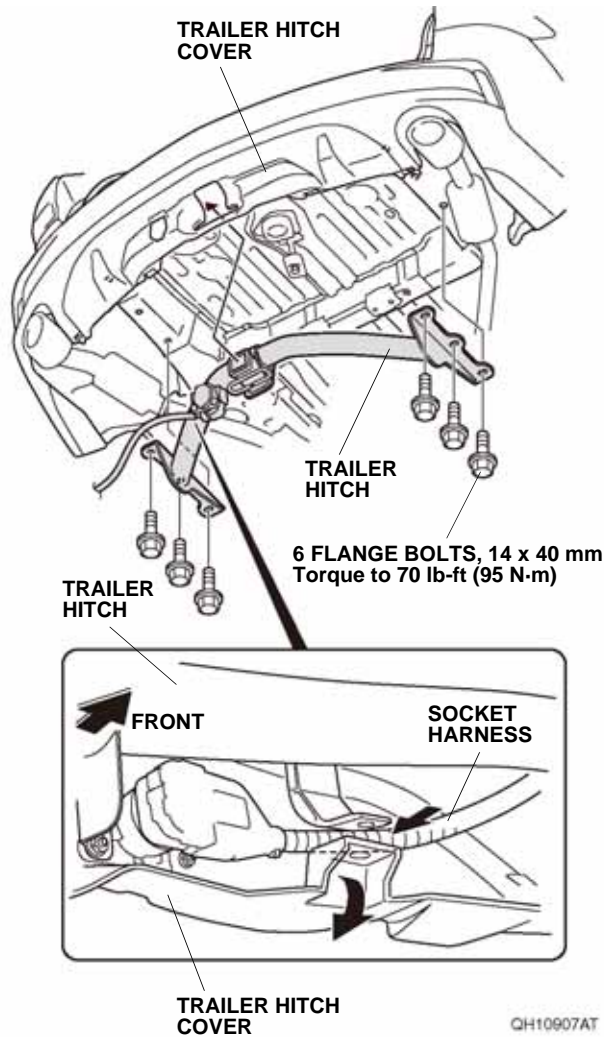
**If the vehicle is equipped with a trailer hitch harness, continue with step 13; otherwise, go to step 14.**

13. Install the socket harness 7-pin socket to the trailer hitch with one 6 x 16 mm flange bolt, one 6 x 19 mm shoulder bolt, and two flange nuts.



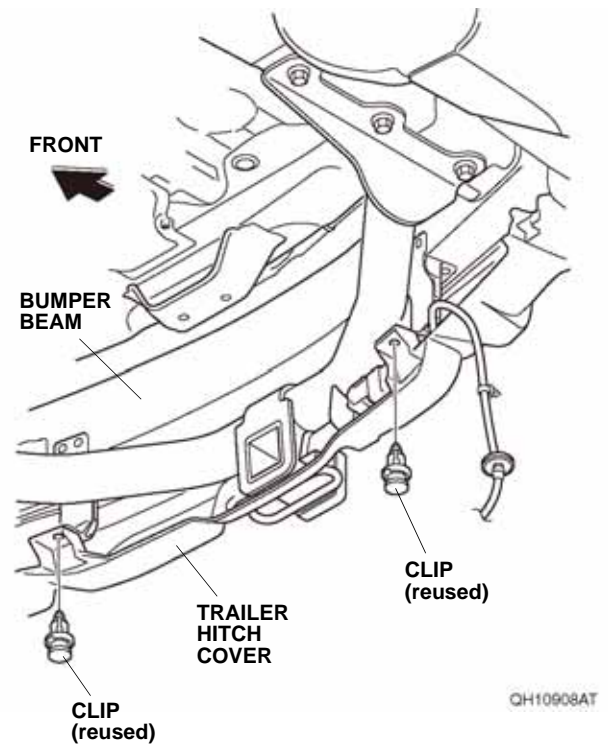
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- With the help of an assistant, position the trailer hitch on the vehicle and loosely install the six 14 x 40 mm flange bolts.



- Torque the six 14 x 40 mm flange bolts to 70 lb-ft (95 N-m).

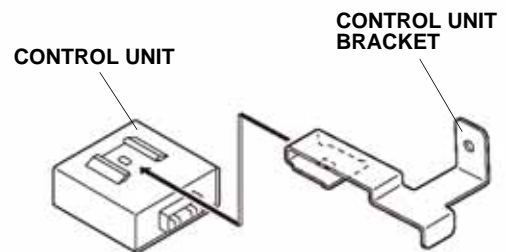
- Secure the trailer hitch cover to the bumper beam with the two clips removed in step 7.



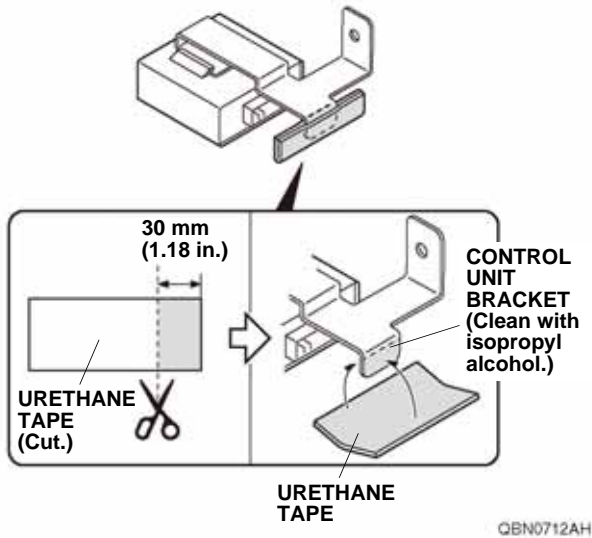
### Installing the Control Unit and Socket Harnesses

If the vehicle is equipped with a trailer hitch harness, continue with step 17; otherwise, go to step 41.

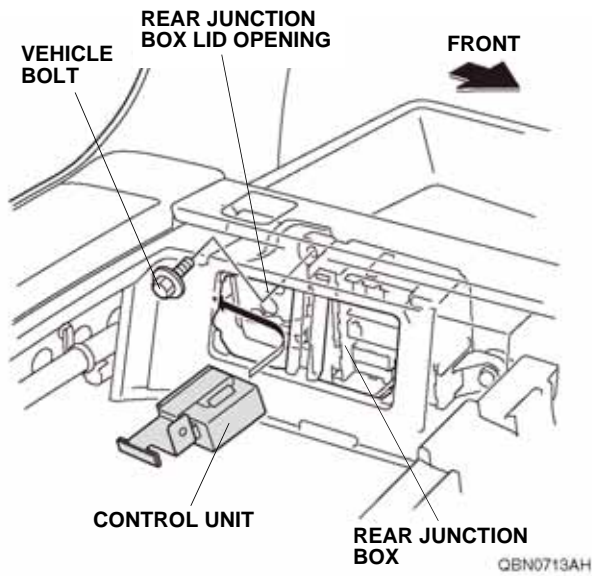
- Install the control unit bracket to the control unit.



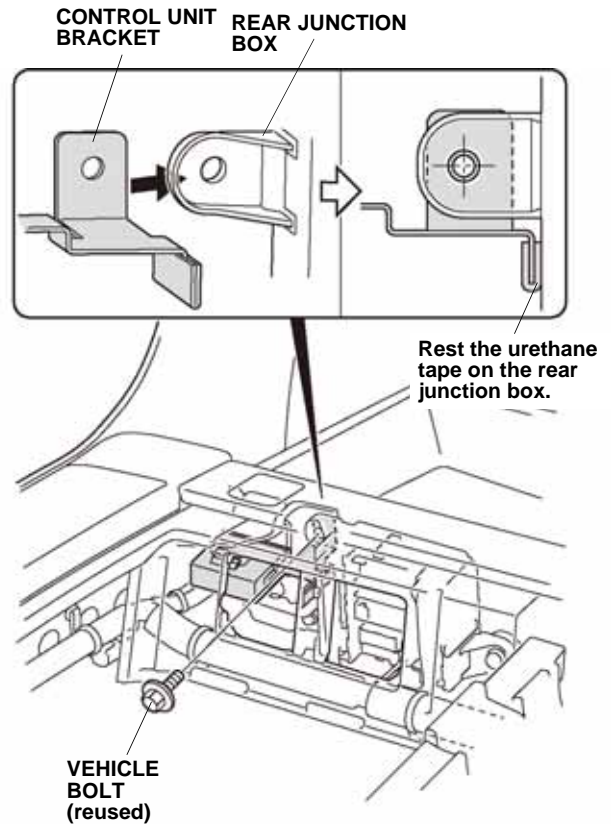
18. Using isopropyl alcohol on a shop towel, thoroughly clean the control unit bracket where the urethane tape will attach.



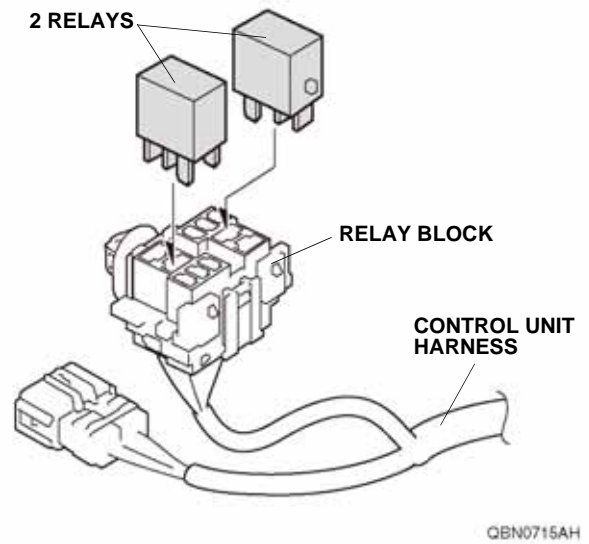
19. Using scissors, cut one urethane tape as shown. Wrap the large piece of urethane tape around the control unit bracket as shown.
20. Remove the vehicle bolt from the rear junction box. Insert the control unit into the rear junction box lid opening as shown.



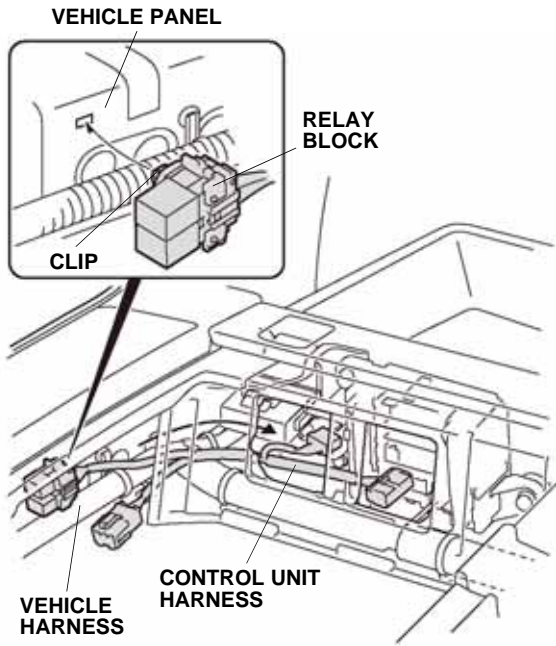
21. Position the control unit bracket as shown, and secure the control unit bracket with the vehicle bolt.



22. Install the two relays into the control unit harness relay block.

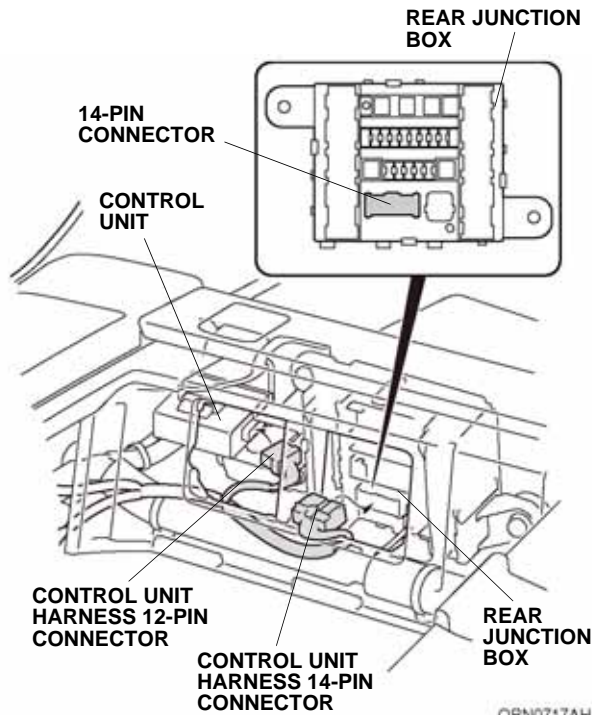


23. Route the control unit harness along the vehicle harness, and attach the control unit harness relay block to the vehicle panel.



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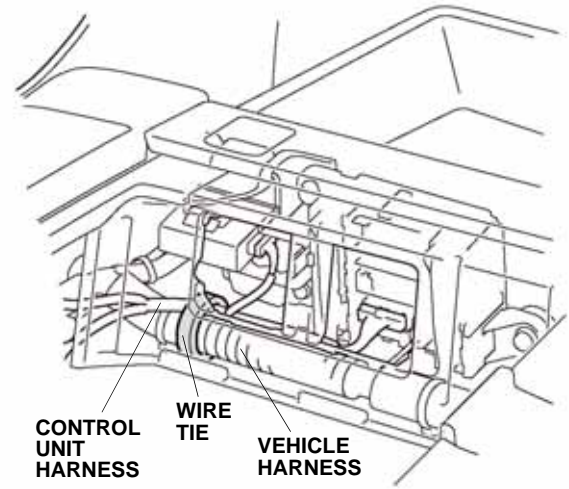
24. Plug the control unit harness 14-pin connector into the rear junction box 14-pin connector.



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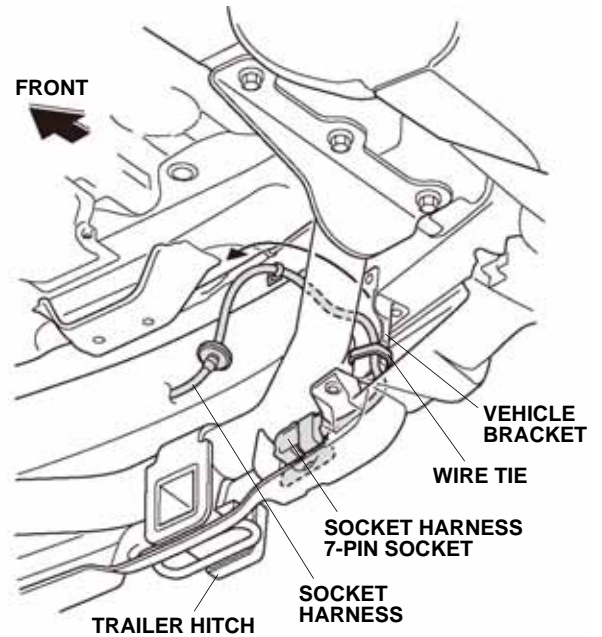
25. Plug the control unit harness 12-pin connector into the control unit.

26. Secure the control unit harness to the vehicle harness with one wire tie.



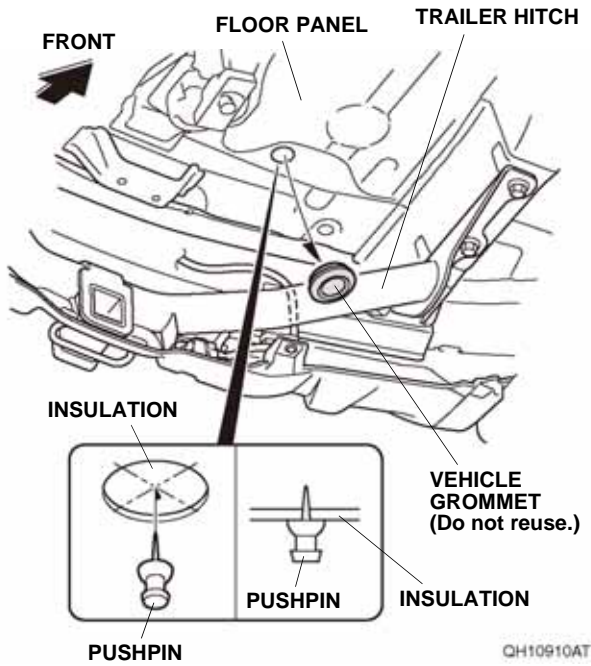
QBN0718AH

27. Under the vehicle, route the socket harness as shown and secure it to the vehicle bracket with one wire tie.

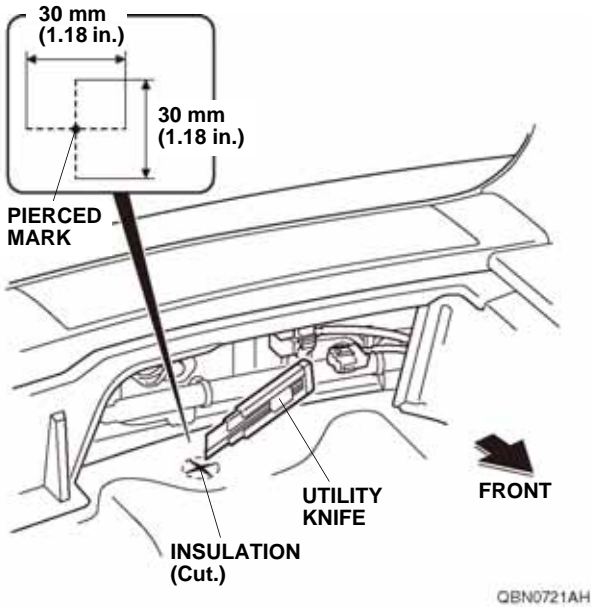


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28. Locate and remove the vehicle grommet from the floor panel.

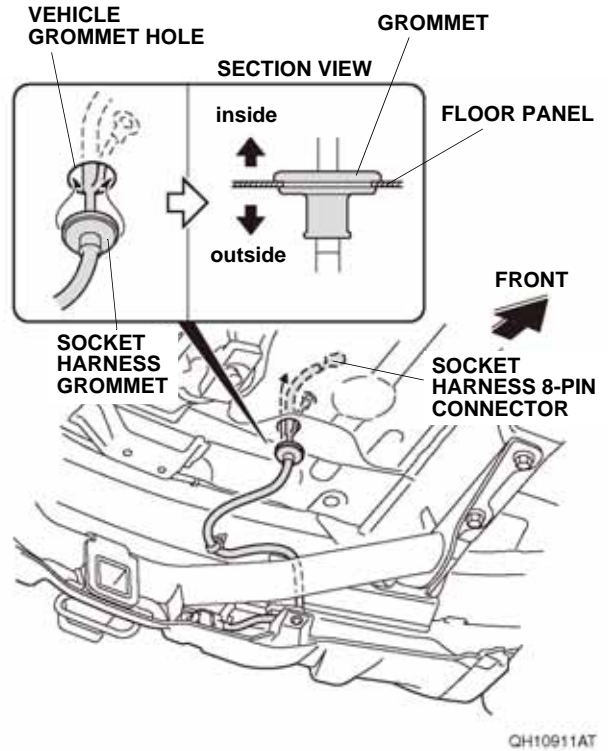


29. Using a pushpin, pierce the insulation.
30. Using a utility knife, cut the insulation as shown. NOTE: Do not damage the floor panel.

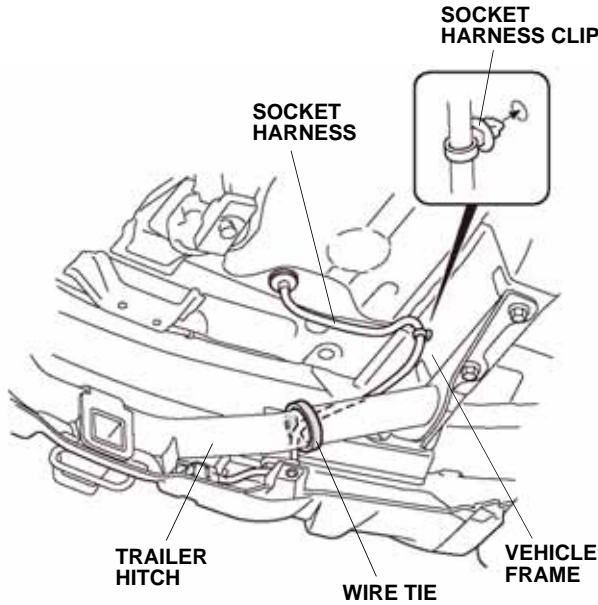


31. Route the socket harness 8-pin connector through the vehicle grommet hole, and seat the socket harness grommet into the vehicle grommet hole. NOTE:

- While holding the grommet, carefully insert it into the vehicle panel hole and make sure it is seated properly.
- Do not pull on the socket or harness when installing the grommet.

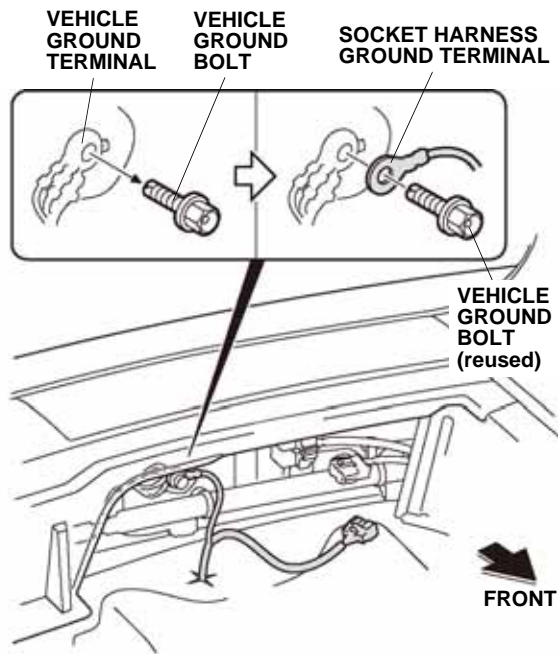


32. Secure the socket harness clip to the vehicle frame.



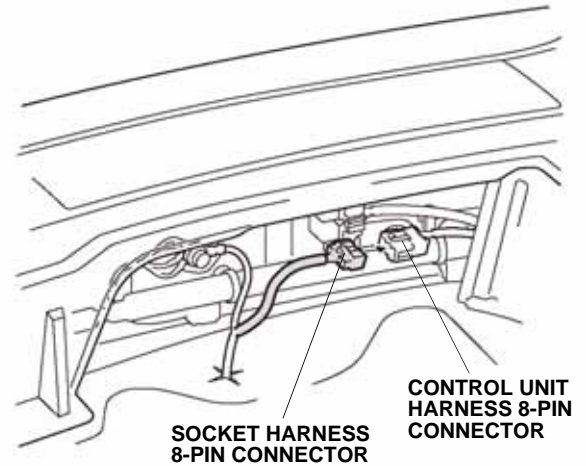
QH10912AT

33. Secure the socket harness to the trailer hitch with one wire tie.
34. Remove the vehicle ground bolt. Attach the socket harness ground terminal to the vehicle ground terminal, and install the vehicle ground bolt. NOTE: Do not put the ground terminal caulking on top of one another.



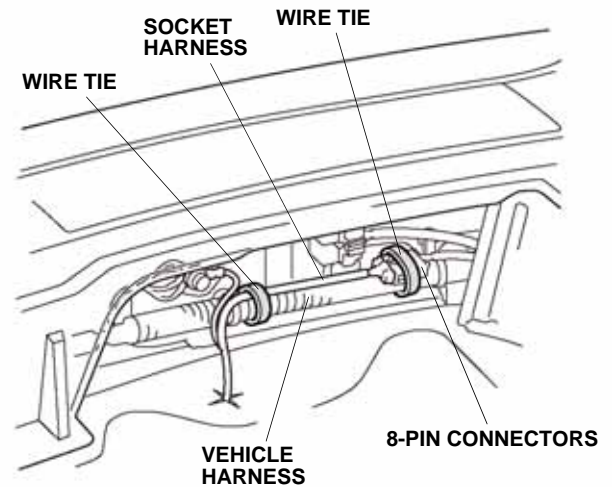
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35. Plug the socket harness 8-pin connector into the control unit harness 8-pin connector.



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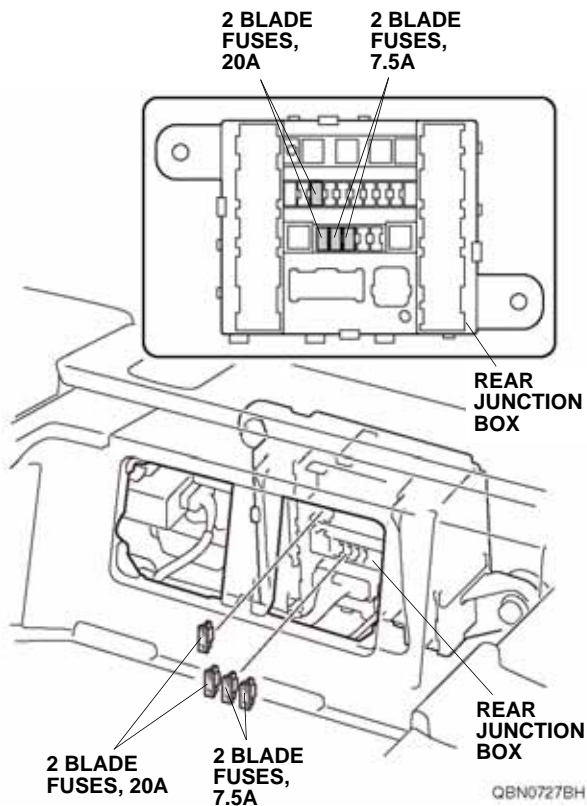
36. Secure the 8-pin connectors to the vehicle harness with one wire tie.



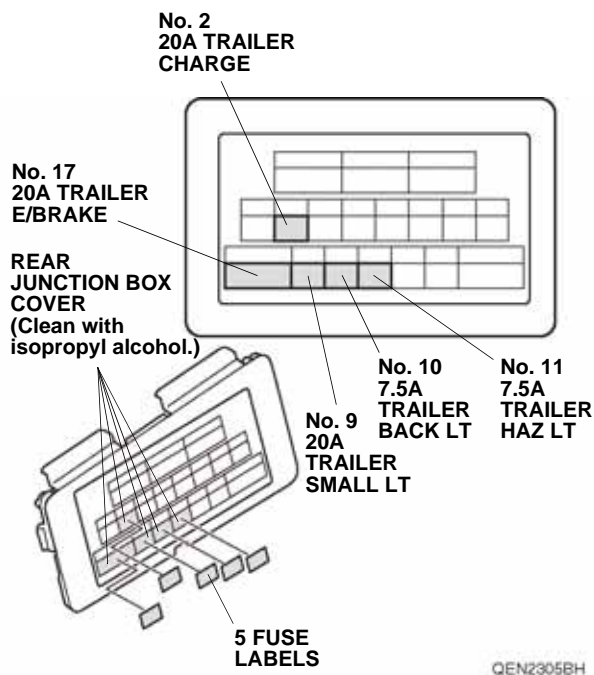
QBN0726AH

37. Secure the socket harness to the vehicle harness with one wire tie.

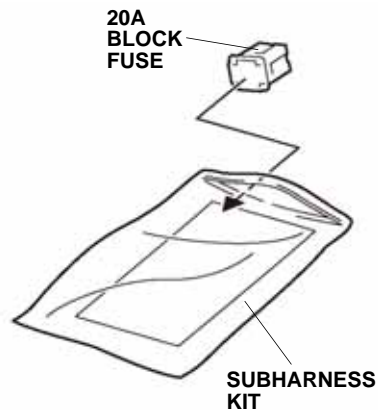
38. Plug the two 7.5A blade fuses and the two 20A blade fuses into the rear junction box.



39. Using isopropyl alcohol on a shop towel, thoroughly clean the rear junction box cover where the fuse labels will attach.



40. Attach the fuse labels to the rear junction box cover as shown.
41. Make sure all wire harnesses are routed properly and all connectors are plugged in.
42. Install all removed parts except for the front bulkhead cover and the intake air tube.
43. Connect the negative cable to the battery.
44. Install the front bulkhead cover and the intake air tube.
45. Press and hold the audio unit power button for 2 seconds to restore the audio and navi (if equipped) system functions.
46. Set the clock on vehicles without navigation.
47. Secure the ball mount to the trailer hitch with one hitch pin and the hitch pin clip.
48. If necessary, restore the systems back to normal operation as described in the service information.
49. Refer to the TRAILER HARNESS TESTER and do the Trailer Harness Circuit Check.
50. Put the 20A block fuse into the subharness kit.

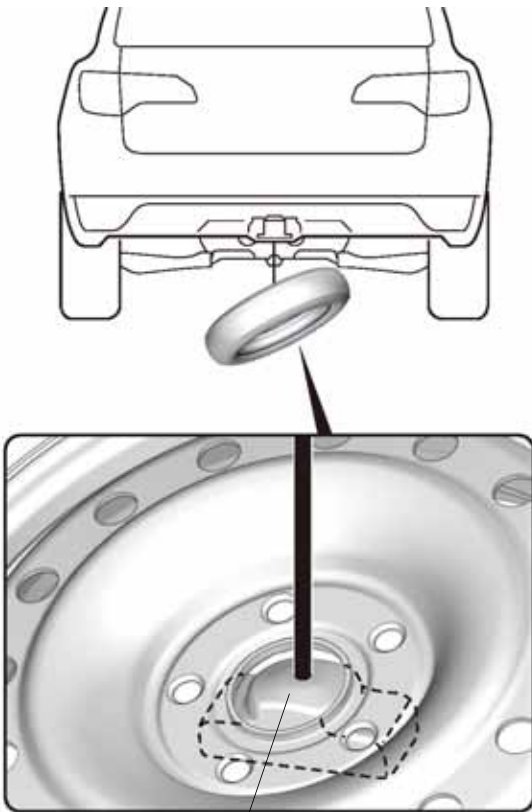


51. Place the subharness kit into the vehicle glove box.

52. Spare Tire Installation:

- Before raising the spare tire back into the vehicle, make sure the spare tire hoist bar is centered in the hub opening of the wheel.
- Raise the spare tire. If the hoist bar is correctly positioned, the spare tire will be close to level as it is raised. If the hoist bar is not correctly positioned, the spare tire will not be level as it is raised and will not seat flush under the vehicle.
- Using the appropriate tools in the vehicle, tighten the spare tire hoist until it clicks. Failure to do this can result in noise and/or damage to the hoist cable.

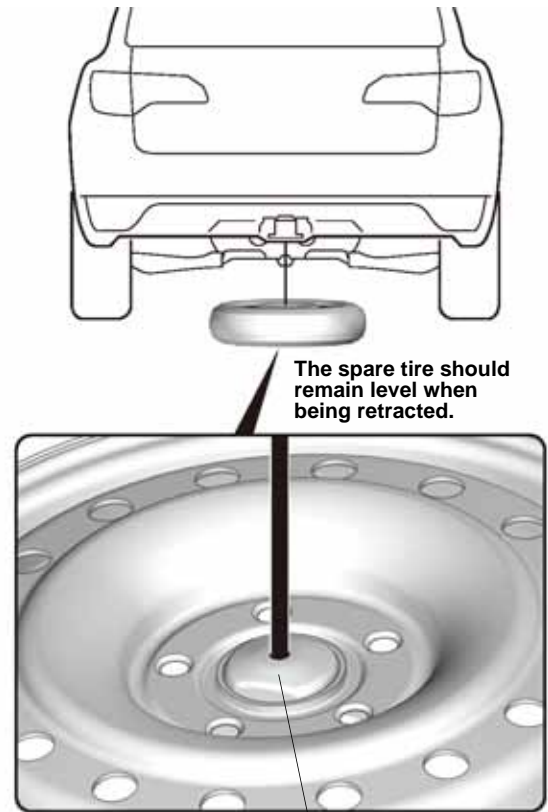
**INCORRECT:**



**Bracket position is incorrect.**

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**CORRECT:**

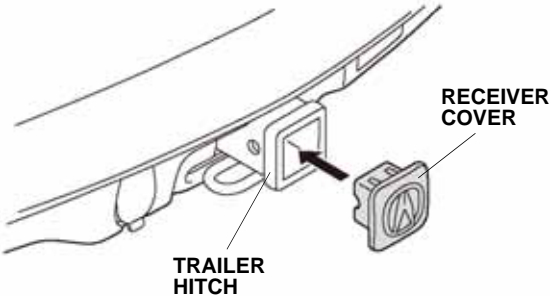


**The spare tire should remain level when being retracted.**

**Bracket position is correct.** QH30001BR

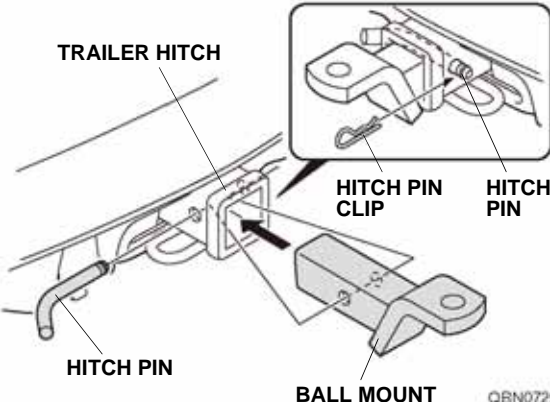
**Give a copy of this page to your client**

Whenever you remove the hitch pin clip, the hitch pin, and the ball mount, store them securely in the cargo area. Install the receiver cover into the opening at the end of the trailer hitch. When you reinstall the ball mount, store the receiver cover in the cargo area.



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Install the ball mount to the trailer hitch using a hitch pin clip and hitch pin.

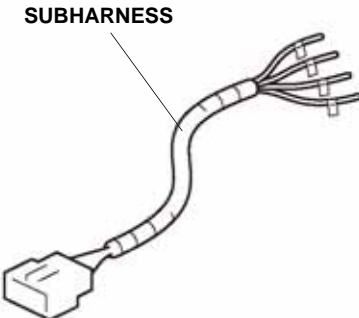


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After the first 600 miles (1,000 km) of towing, have your Acura Dealer check the tightness of the trailer hitch bolts.

### How to Handle the Subharness

This subharness is designed for use with the installation of an electric brake controller. Refer to the vehicle owner's manual for detailed information about handling this subharness.



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