

Germain Honda of College Hills



INSTALLATION INSTRUCTIONS

Accessory

PATTERN PROJECTORS

Application

2023 PILOT
MODEL SERIES

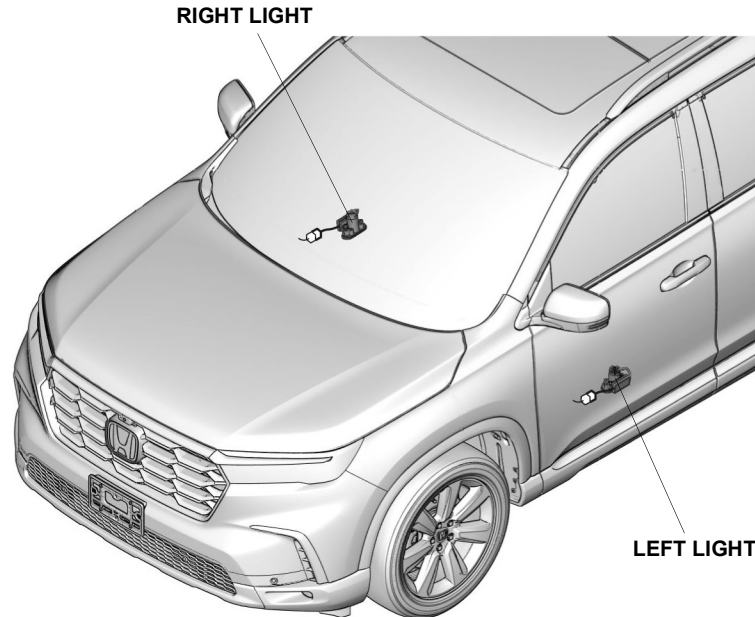
Publications No.

VERSION 1

Issue Date

NOV 2022

GENERAL VIEW



QM61001AB

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 the 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, vehicle, the environment or other property.

NOTE

Gives helpful information or instructions to be followed when installing this product.



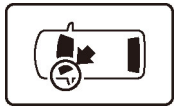
Indicates a prohibited action.

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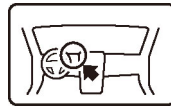
Procedure and Location Icons

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.

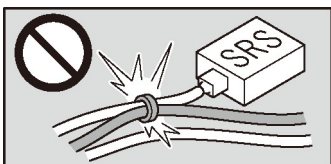


Clean with isopropyl alcohol.

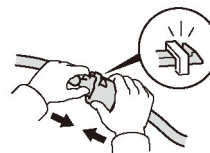


Return the original part to the customer.
(Do not reuse.)

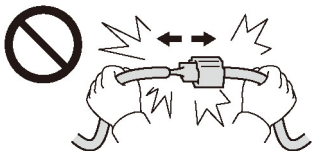
Wire Harness Routing Precaution



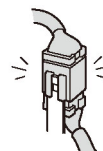
Do not secure the
accessory harness to the
SRS harness.
(except for instruction
cases.)



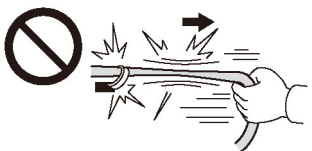
Push the connectors and
terminals together until
they lock.



Do not pull the harness to
unplug the connectors.



Install removed
connectors in their original
location.



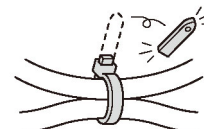
Do not pull the harness.



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

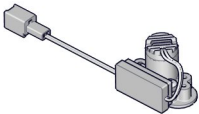
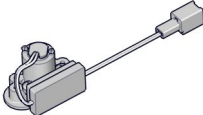


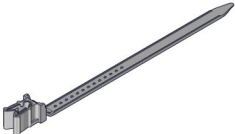
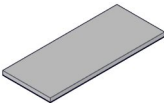
Always disconnect the negative cable from the battery before beginning work.

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 adhesive 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.
- Do not wash the vehicle or moisten it for 24 hours to allow the adhesive to cure.

PARTS LIST

Pattern Projectors Kit (P/N 08V27-T90-100F)

Left light (identification mark: T90 (L))	Right light (identification mark: T90 (R))	Brackets (2)	Self-tapping screws (4)
			
Wire ties with clip (2)	Urethane tapes (2)		
			

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REQUIRED TOOLS AND SUPPLIES

- 10 mm Open end wrench
- Phillips screwdriver
- Ruler
- 3 mm, 5 mm, 6 mm, and 8 mm Drill bits
- Scissors
- Diagonal cutters
- File
- Eye protection (face shield, safety goggles, etc.)
- 20 mm Hole saw
- Masking tape
- Drill

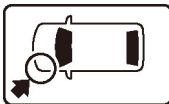
The following tools are available through the Honda Tool and Equipment Program:

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

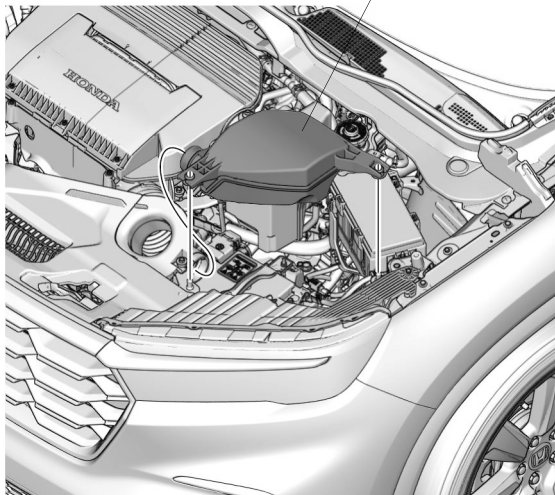
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INSTALLATION

1. Remove the resonator.



RESONATOR

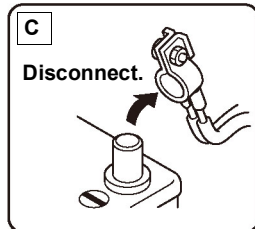
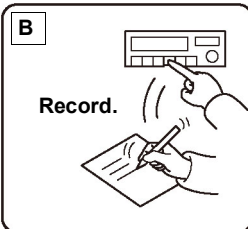
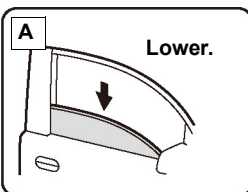


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2. Disconnect the negative cable from the battery.

NOTE

With the driver's door open, turn the vehicle to the OFF (LOCK) mode, then wait at least 3 minutes before disconnecting the 12 volt negative battery cable.

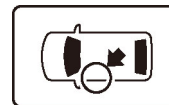


QCD0502BM

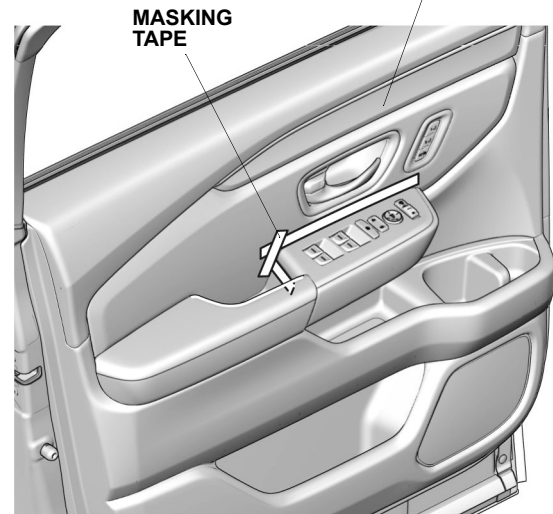
3. Attach masking tape to protect the vehicle.

NOTE

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



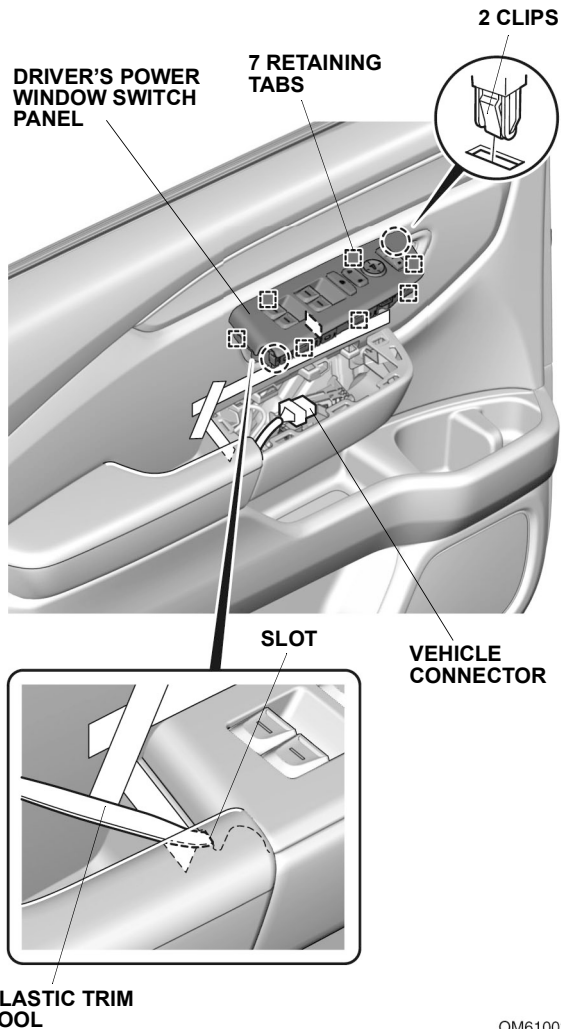
DRIVER'S DOOR PANEL



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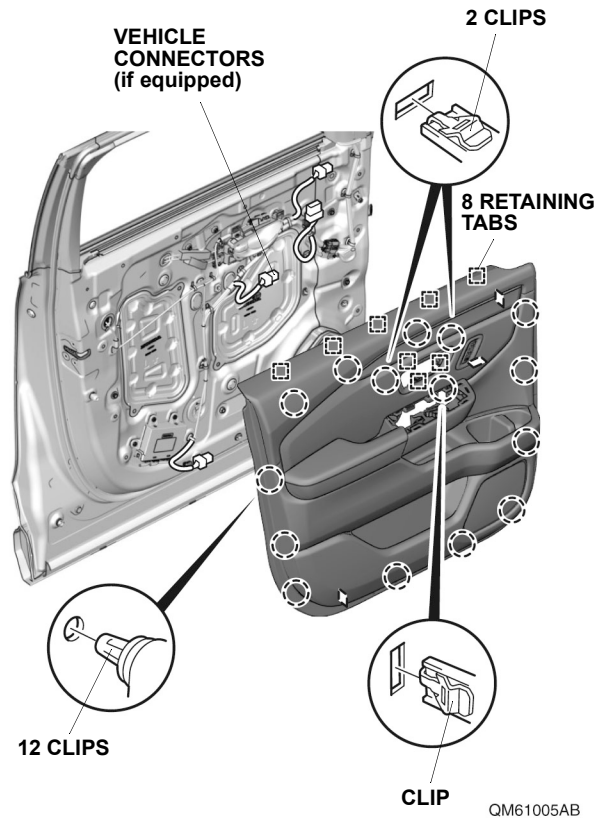
4. Remove the driver's power window switch panel.



5. Remove the self-tapping screw.



6. Remove the driver's door panel.



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7. Choose one of these options.

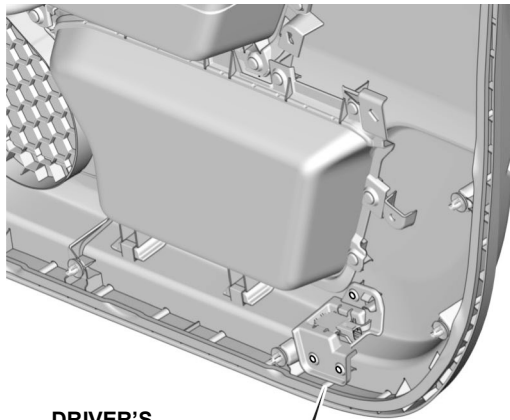
- With courtesy light

Go to step 8

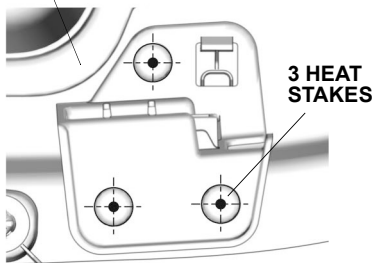
- Without courtesy light

Go to step 11

8. Drill the heat stakes.



DRIVER'S
DOOR PANEL
(inside)



3 HEAT
STAKES

6 mm
(0.24 in.)

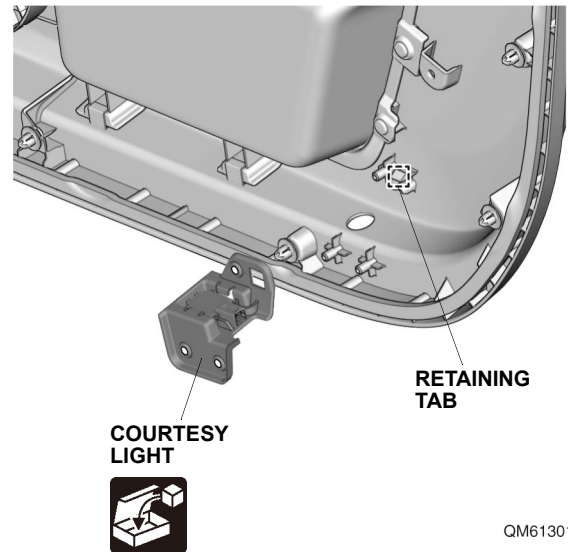
MASKING
TAPE

3 mm → 6 mm →
8 mm
DRILL BITS



QM61006AB

9. Remove the courtesy light.



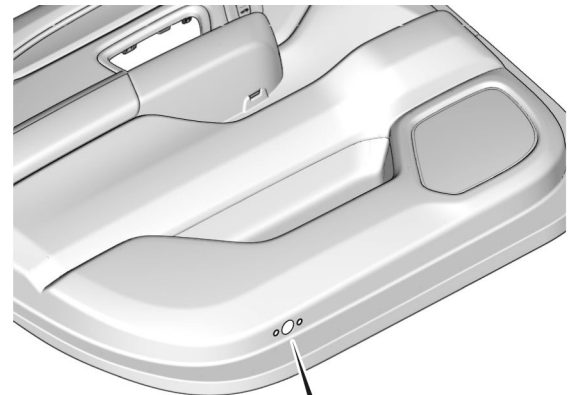
COURTESY
LIGHT

RETAINING
TAB

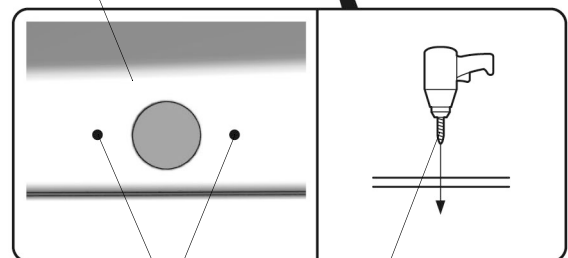


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10. Drill the driver's door panel.



DRIVER'S
DOOR PANEL
(outside)



2 INDENTATIONS

3 mm → 5 mm
DRILL BITS

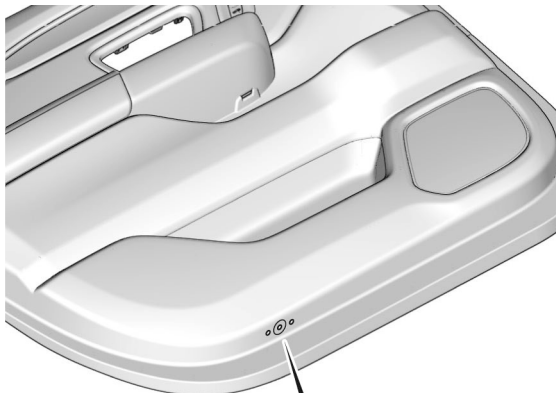


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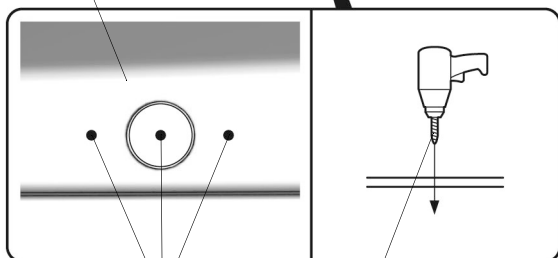
Go to step 13

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11. Drill the driver's door panel.



DRIVER'S
DOOR PANEL
(outside)



3 INDENTATIONS

3 mm
DRILL BIT

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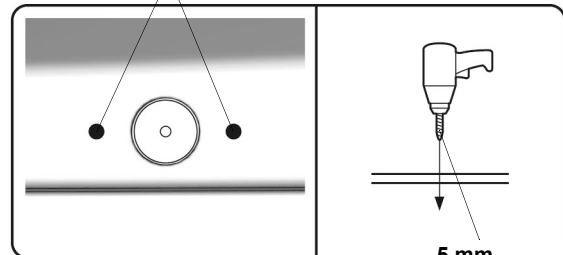
12. Drill the driver's door panel.

NOTE

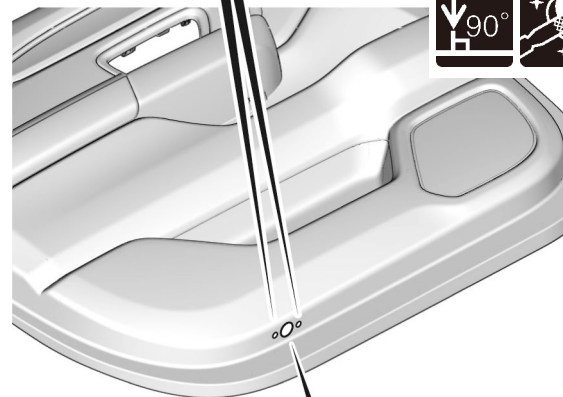
Make sure to drill the correct position.



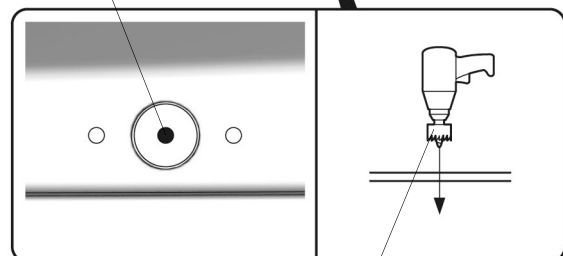
● : 2 HOLES



5 mm
DRILL BIT



HOLE



20 mm
HOLE SAW

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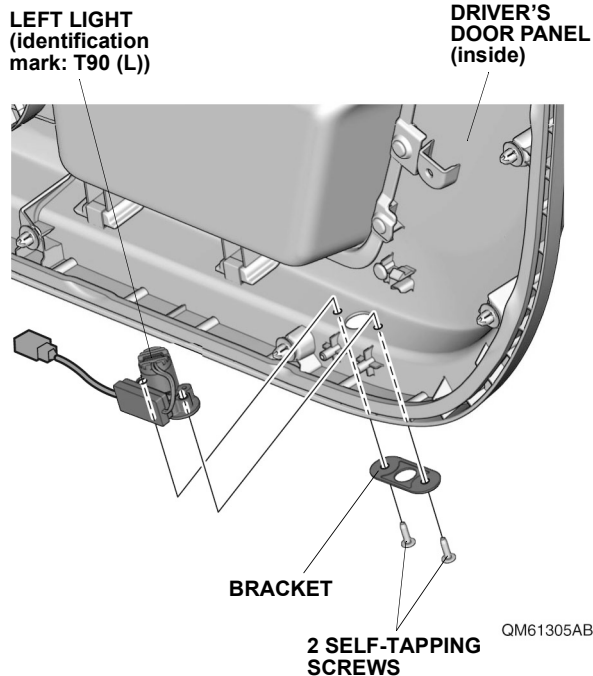


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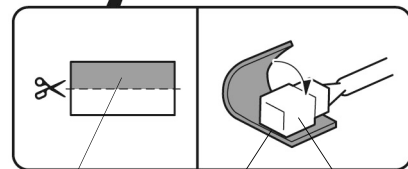
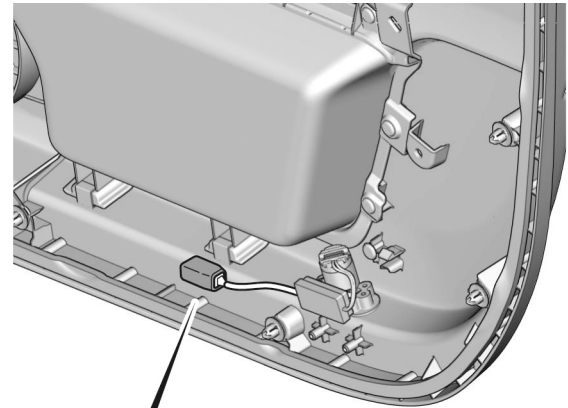
13. Install the left light.

NOTE

- Make sure to check the identification mark before installation.
- Make sure to install the self-tapping screws completely.
- If it is difficult to install the self-tapping screws completely, remove and reinstall the self-tapping screws.



14. Attach the urethane tape.



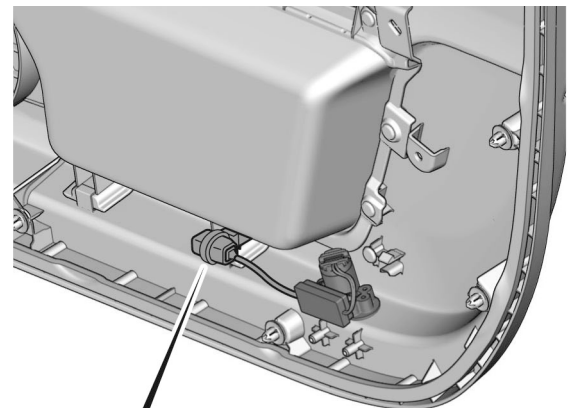
URETHANE
TAPE
(Cut in half.)

Line up.

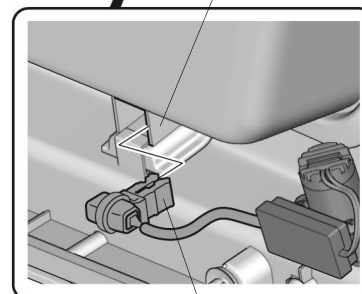
LEFT LIGHT 2-PIN
CONNECTOR

QM61401AG

15. Secure the left light connector.



RIB



WIRE TIE
WITH CLIP

QM61402AG

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16. Choose one of these options.

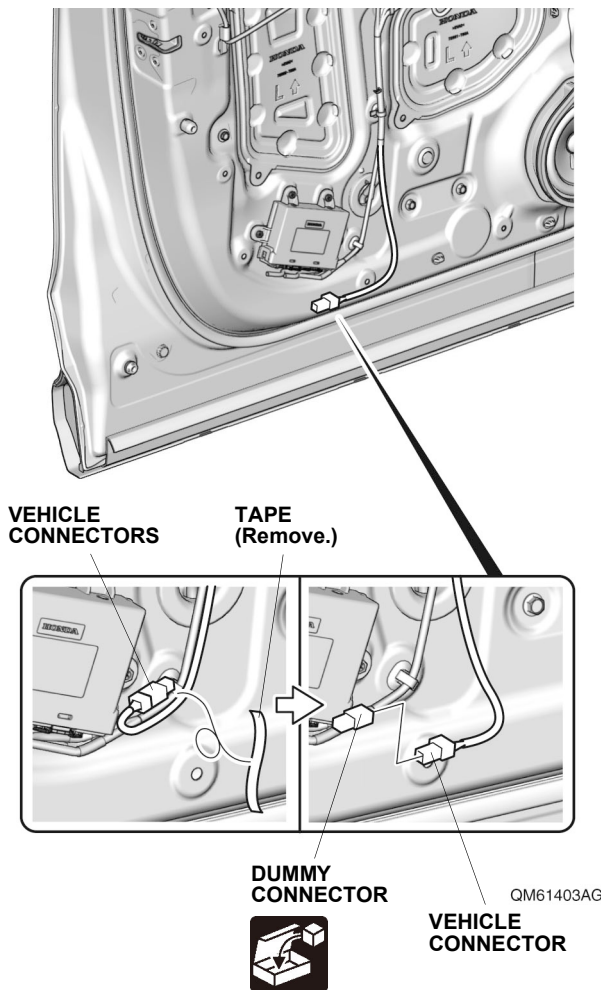
- Without courtesy light

Go to step 17

- With courtesy light

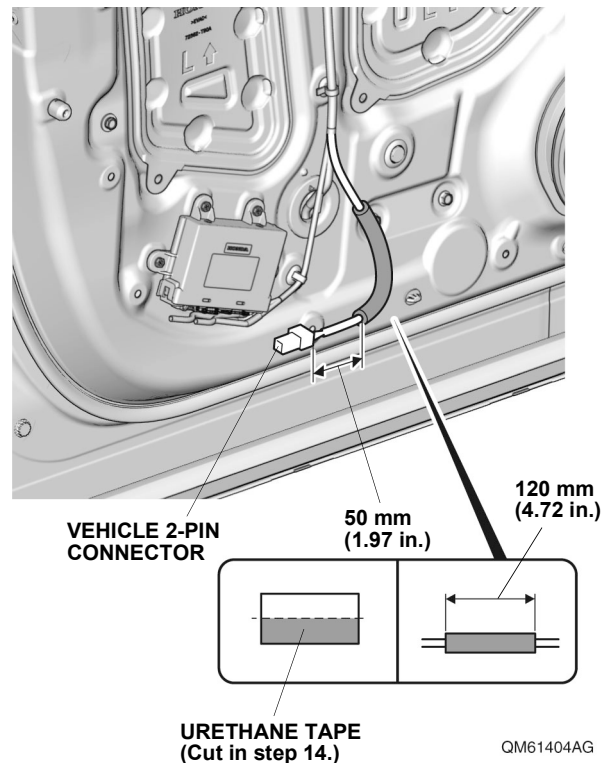
Go to step 19

17. Release the vehicle connectors.

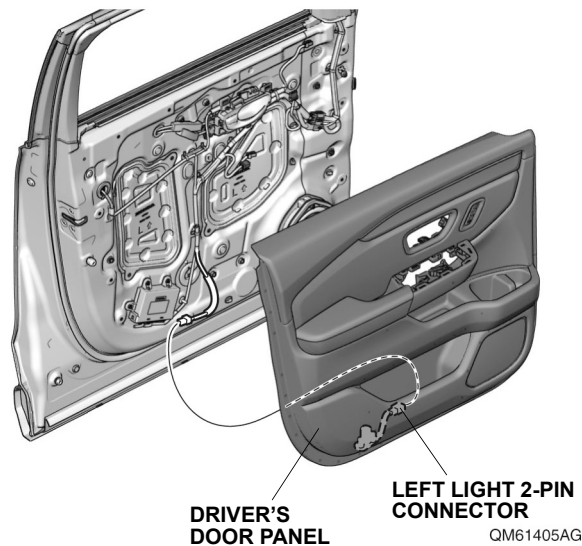


18. Remove the dummy connector.

19. Wrap the urethane tape.



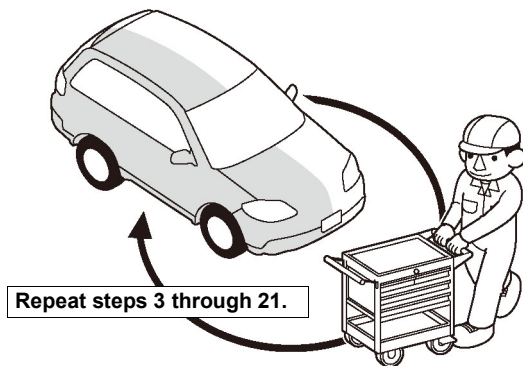
20. Plug-in the vehicle connector.



21. Install the driver's door panel.

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22. Repeat the same procedures on the other side.



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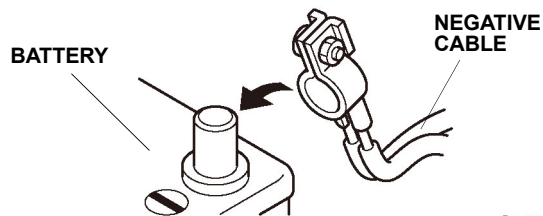
23. Check that all parts are installed and properly routed.

NOTE

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

24. Install all removed parts except for the resonator.

25. Connect the negative cable to the battery.



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26. Install the resonator.
27. Make sure the light comes on when you open each door.
28. Make sure all accessories and systems operate properly.
29. If necessary, restore the systems back to normal operation as described in the service information.
30. Press and hold the audio unit power button for 2 seconds to restore the audio and navi (if equipped) system functions.