



## HONDA INSTALLATION INSTRUCTIONS

Accessory  
HEATED STEERING WHEEL

Application  
2020 PILOT

Publications No.  
**VERSION 1**  
Issue Date  
**JUL 2019**

### PARTS LIST

**Heated Steering Wheel Kit**  
**P/N 08U97-TG7-100A**

Steering wheel



Control unit



2 TORX screws, 4 x 14 mm



Cable reel



Cable reel cord A  
(With paddle shifters)  
(May not be used)



Cable reel cord B  
(Without paddle shifters)  
(May not be used)



2 TORX bolts, 6 x 23 mm



Information manual



10A Fuse



Relay



Steering wheel bolt



**Switch Kit**  
**P/N 08U97-THR-100B**  
**P/N 08U97-THR-100C**

HSW switch



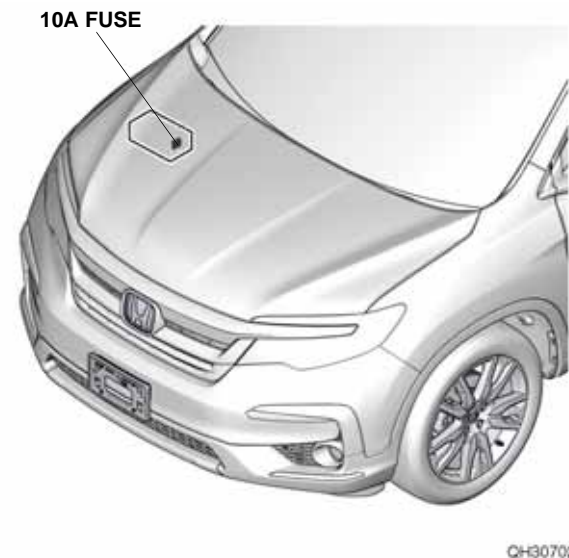
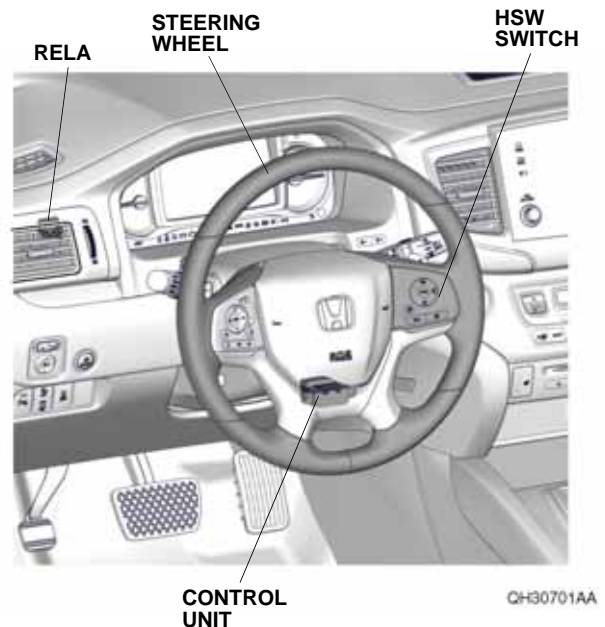
## TOOLS AND SUPPLIES REQUIRED

Phillips screwdriver  
10 mm Open end wrench  
10 mm Hex wrench  
Ratchet  
T-20 and T-30 TORX bits  
Torque wrench  
Steering wheel puller  
Shop towel  
Masking tape  
i-HDS

*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 Heated Steering Wheel on the Vehicle



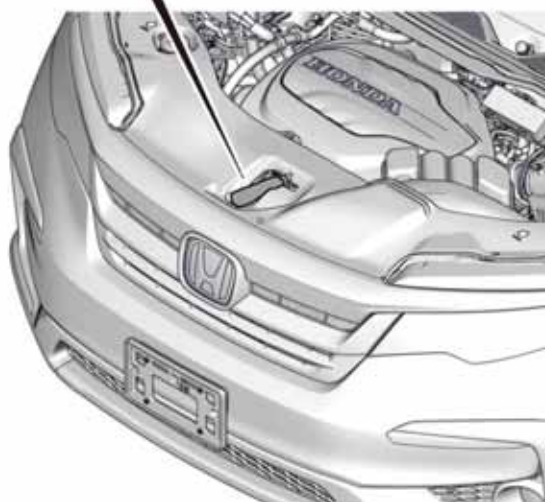
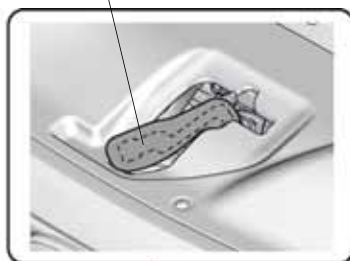
## INSTALLATION

**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.”

### NOTE:

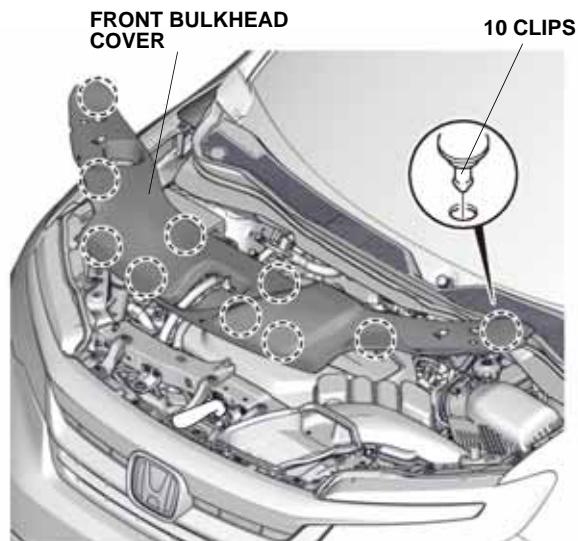
- Observe all safety notes and precautions in the service information in addition to those in this Installation Instruction.
  - Be careful not to damage the vehicle.
  - After installing the steering wheel, you must line up the steering wheel spoke angle to the straight-ahead position by adjusting the front toe.
1. Turn the steering wheel so the front wheels are in the straight-ahead position.
  2. Disconnect the negative cable from the battery:
    - Wrap a shop towel around the hood latch.

**HOOD LATCH**  
(Wrap with a shop towel.)



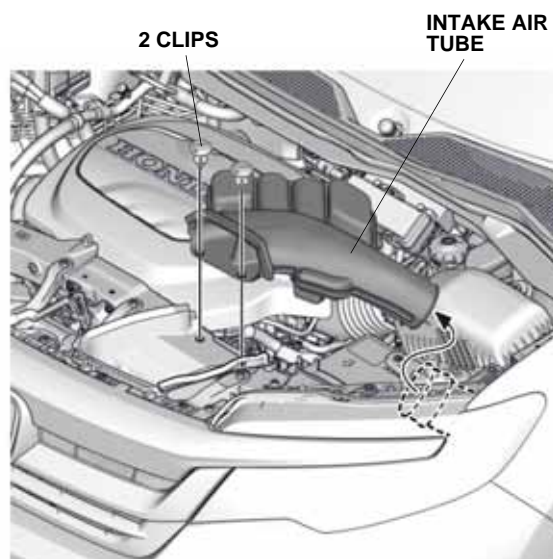
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- Remove the front bulkhead cover.



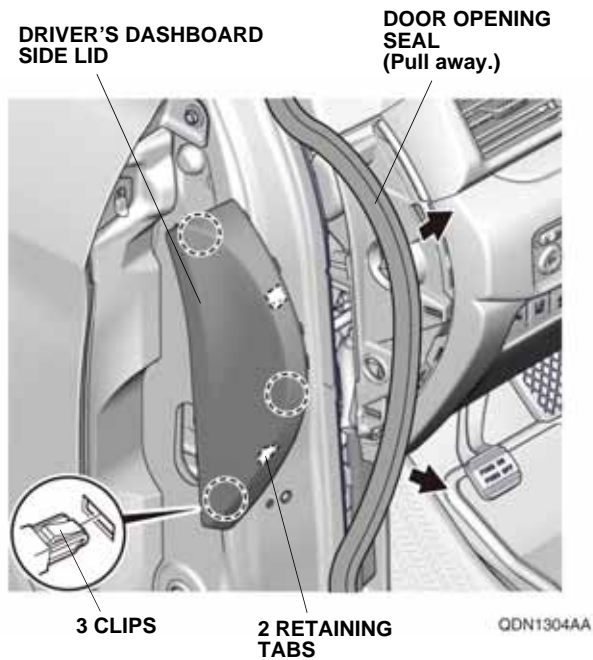
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- Remove the intake air tube.
- Disconnect the negative cable from the battery, and wait at least 3 minutes before you start to install the steering wheel.

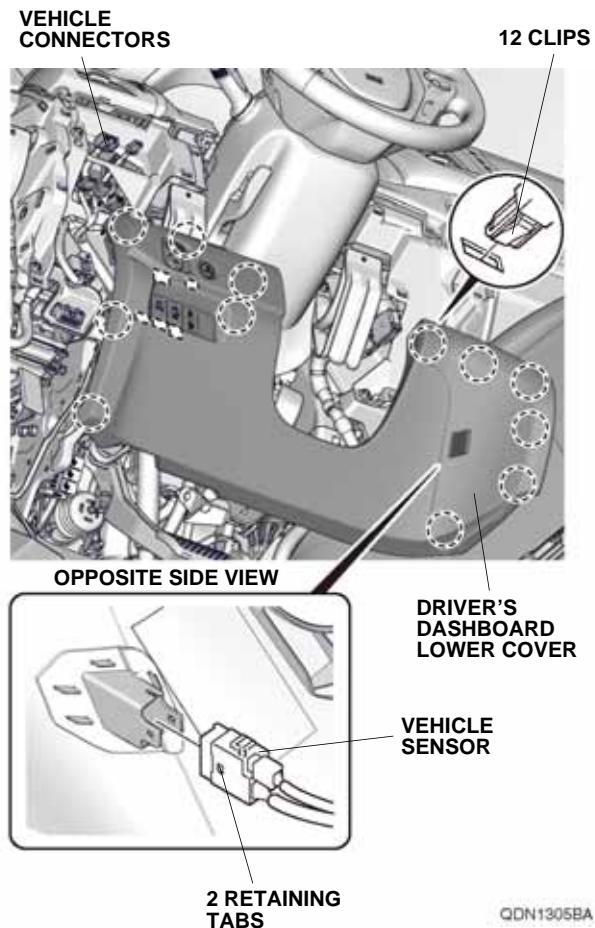


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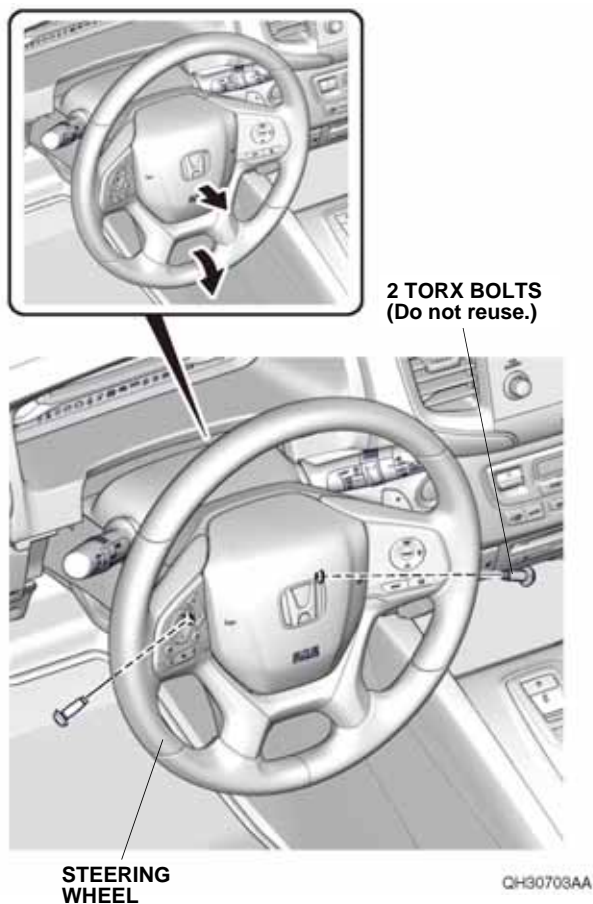
3. Pull away the door opening seal, and remove the driver's dashboard side lid.



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

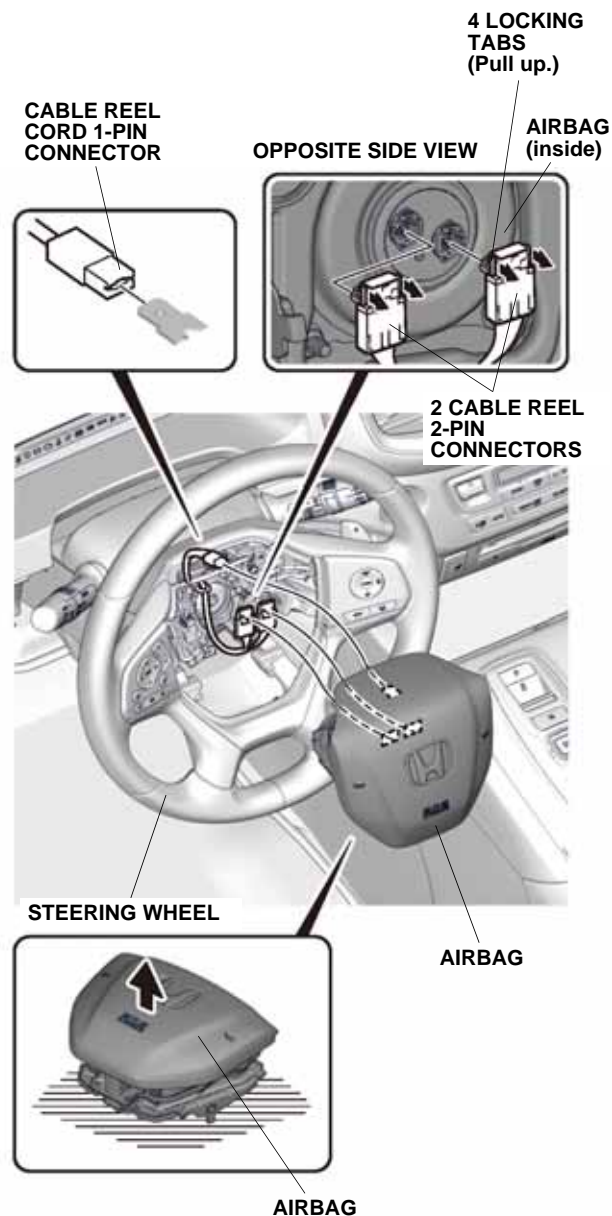


- Lower and pull out the steering wheel as shown, and remove the two TORX bolts.



- Unplug the cable reel cord 1-pin connector and cable reel 2-pin connectors by squeezing and pulling up on the locking tabs.

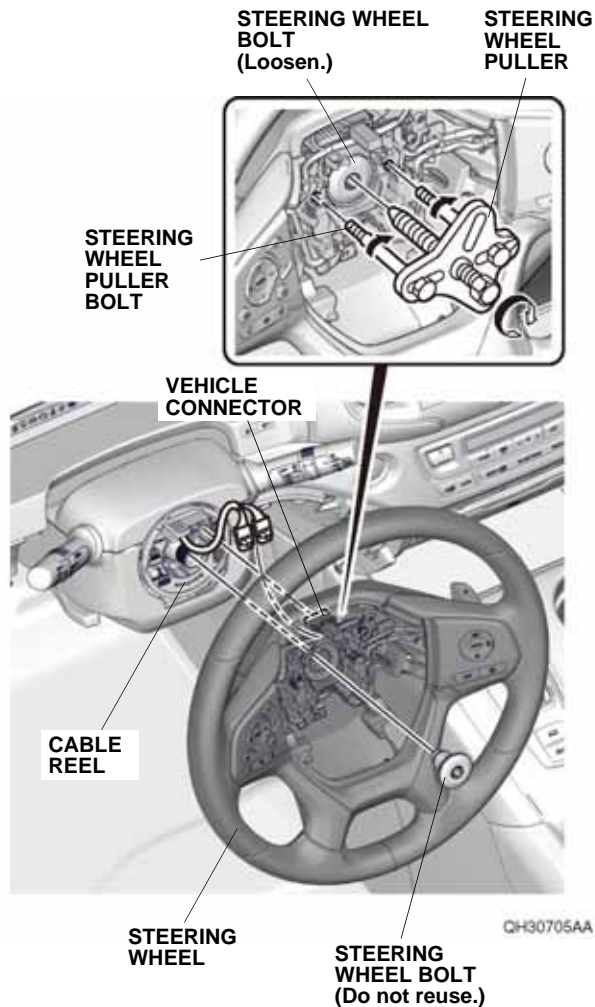
NOTE: Be careful not to damage the connectors.



- Remove the airbag. Do not drop the removed airbag or hit it on an object. Place the removed airbag in a safe place with the padded surface (top) facing up.

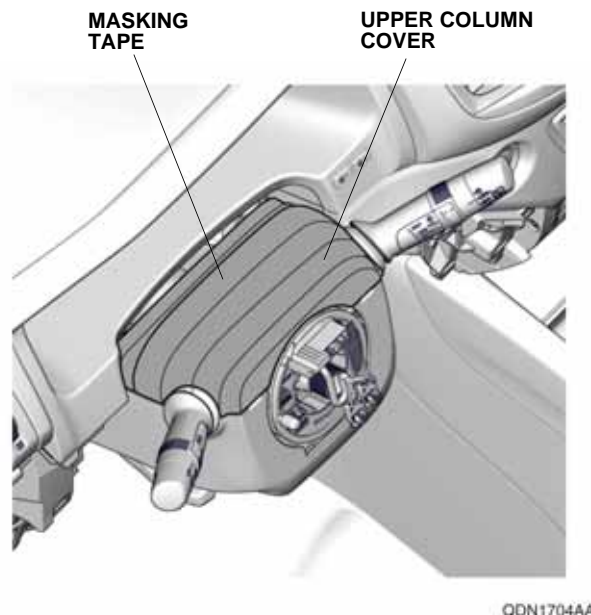


8. With the front wheels in the straight-ahead position, unplug the vehicle connector from the cable reel, and loosen the steering wheel bolt.

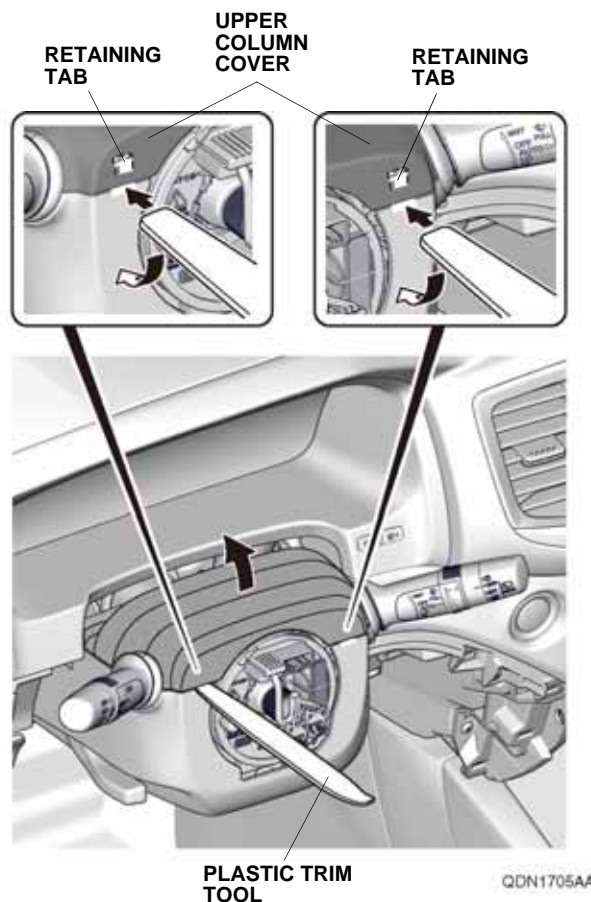


9. Using a steering wheel puller, release the steering wheel. Do not thread the steering wheel puller bolts in more than 5 mm (0.20 in.). When removing the steering wheel, take care not to move the front wheels.
10. Remove the steering wheel bolt, then remove the steering wheel.

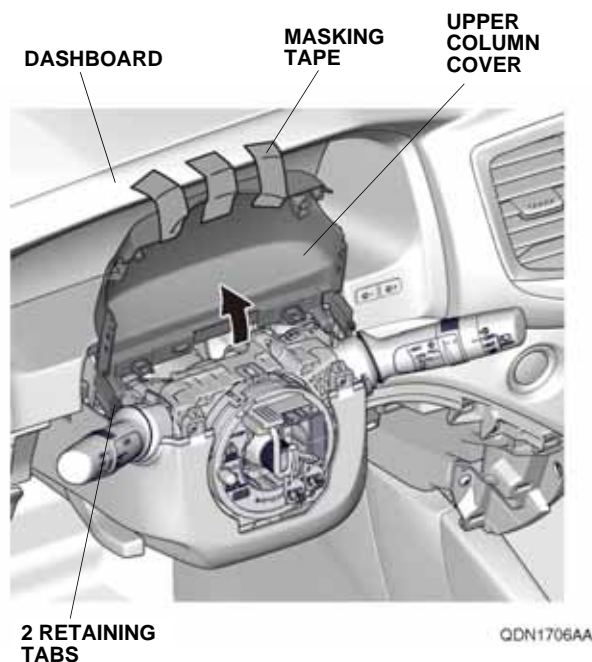
11. Apply masking tape to the upper column cover.



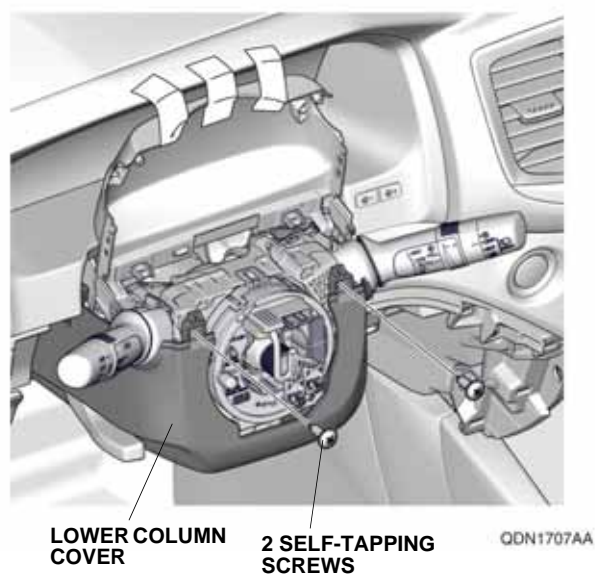
12. Using a plastic trim tool, release the two retaining tabs.



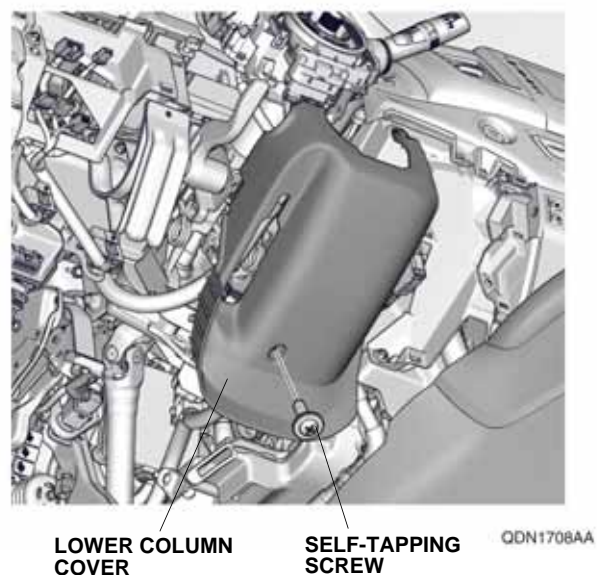
13. Release the upper column cover, and secure it to the dashboard with masking tape.



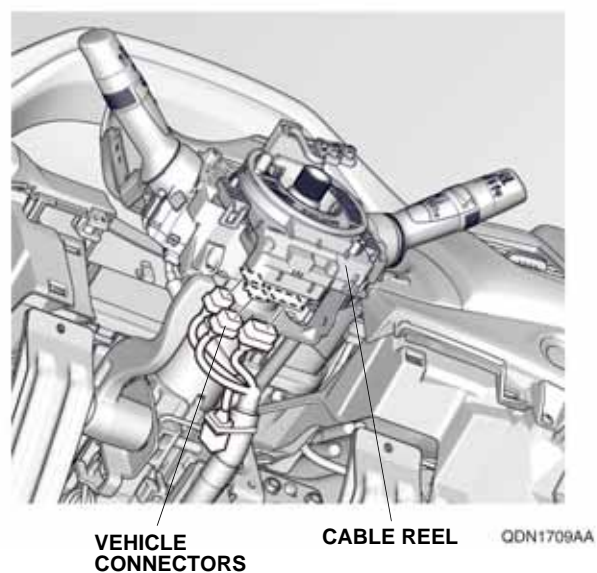
14. Remove the two self-tapping screws.



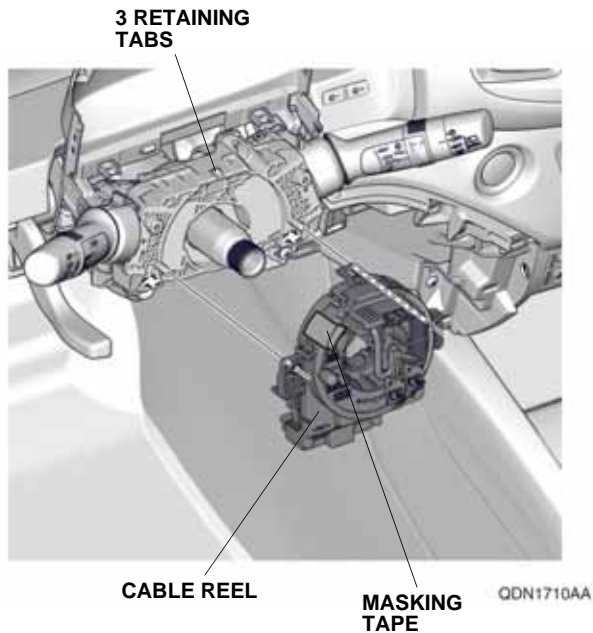
15. Remove the lower column cover.



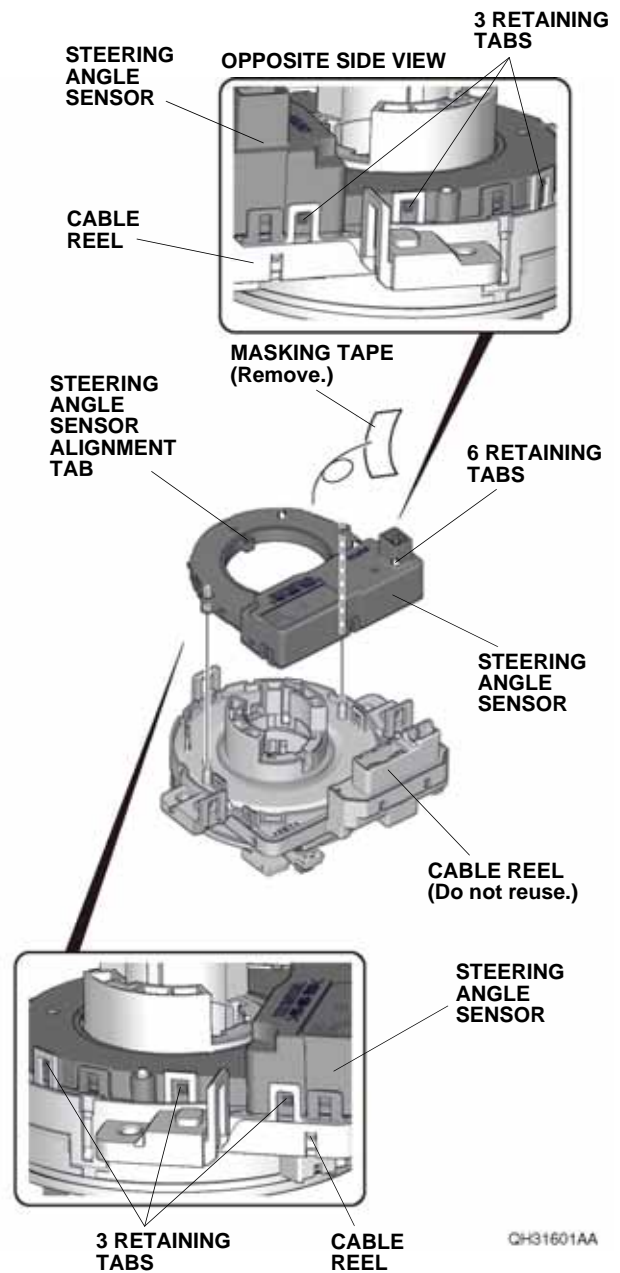
16. Unplug the vehicle connectors.



17. To prevent turning from the cable reel, apply masking tape to the cable reel. Remove the cable reel.

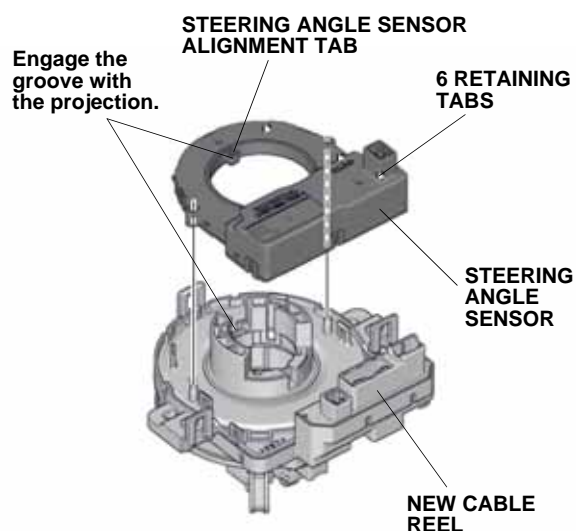


18. Remove the masking tape. Remove the steering angle sensor.  
NOTE: Make sure the steering angle sensor alignment tab is in the six o'clock position before disassembling.



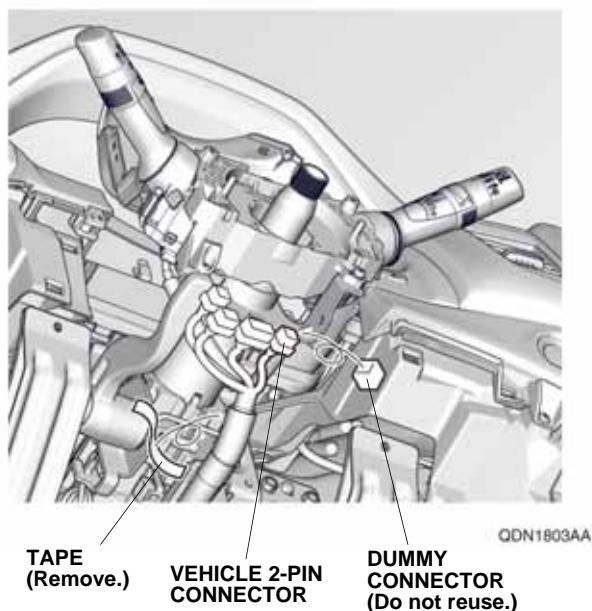


19. Install the steering angle sensor to the new cable reel with six retaining tabs.  
NOTE: Make sure the steering angle sensor alignment tab remains in the six o'clock position at all times.



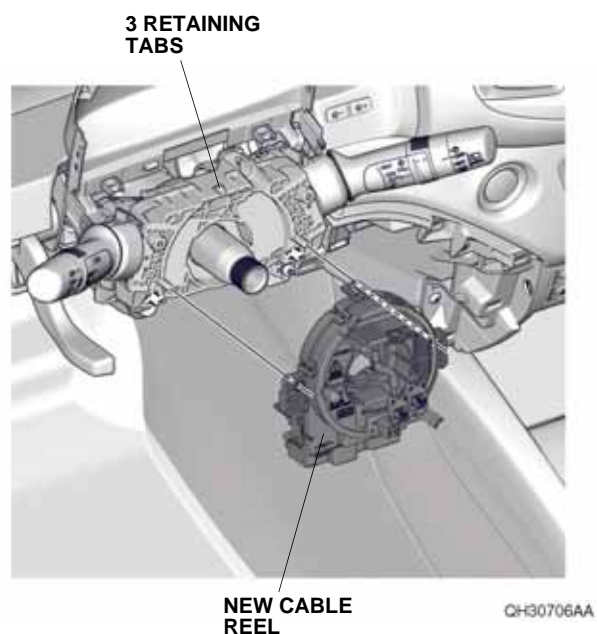
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20. Remove the tape to free the vehicle 2-pin connector, and remove the dummy connector.



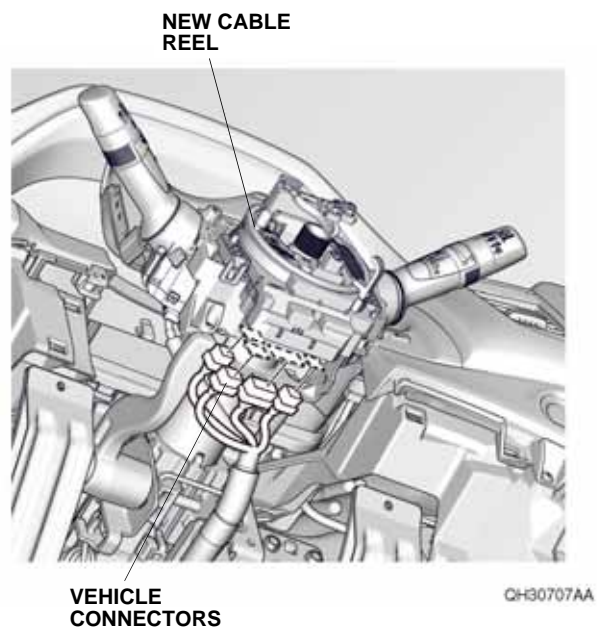
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21. Install the new cable reel to the vehicle with three retaining tabs.



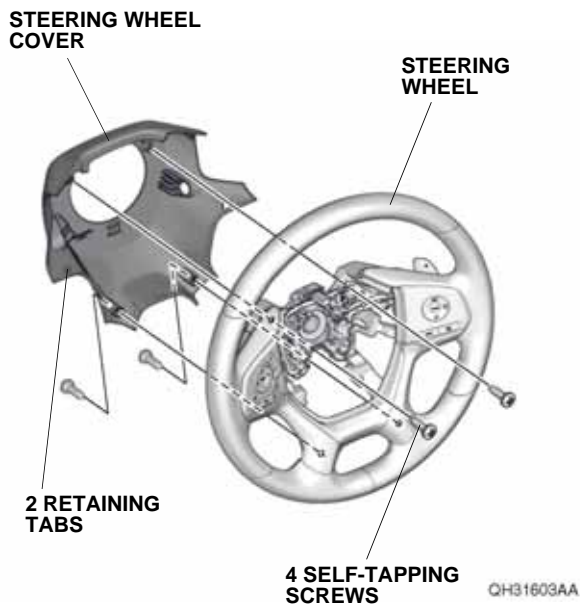
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22. Plug the vehicle connectors into the new cable reel.



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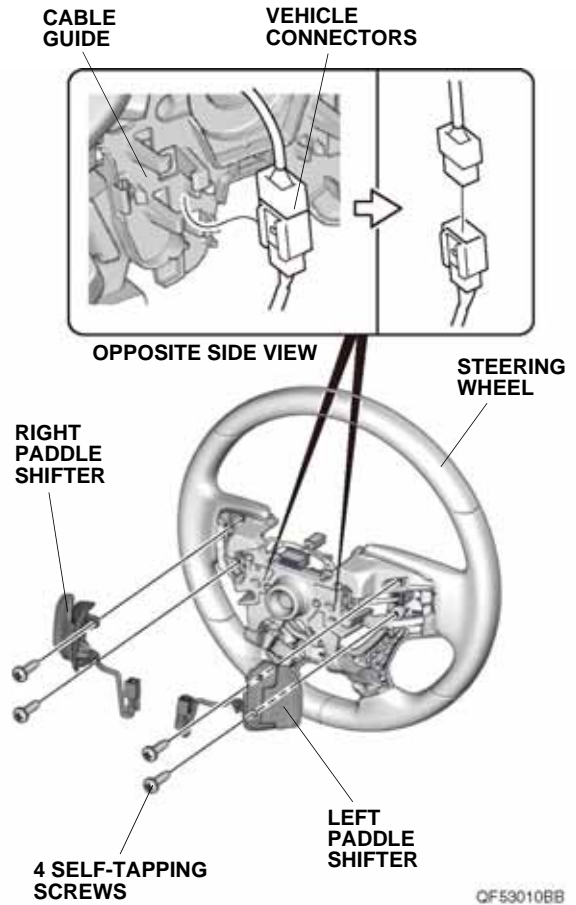
23. Remove the steering wheel cover.



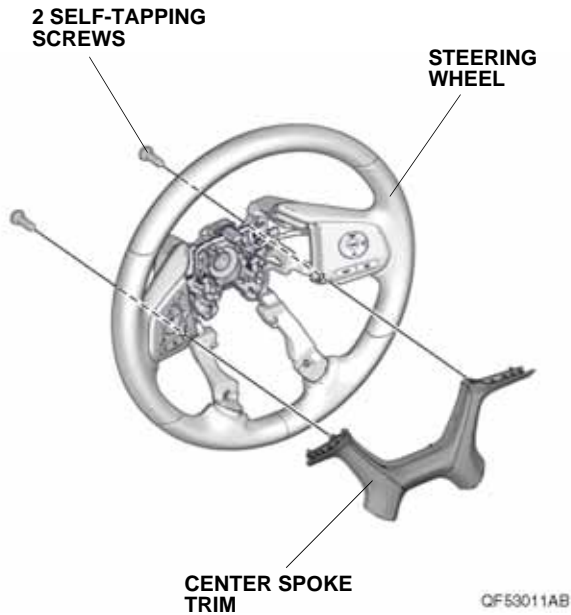
If the vehicle is equipped with paddle shifters, continue with step 24; otherwise, go to step 25.

## With paddle shifters

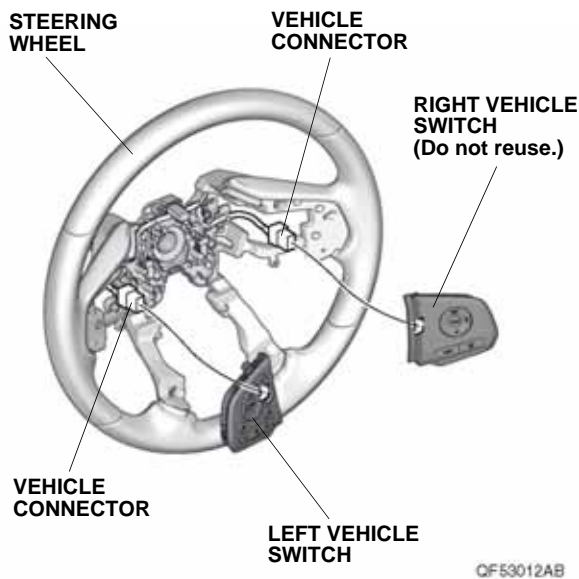
24. Remove the left and right paddle shifters, and unplug the vehicle connectors.



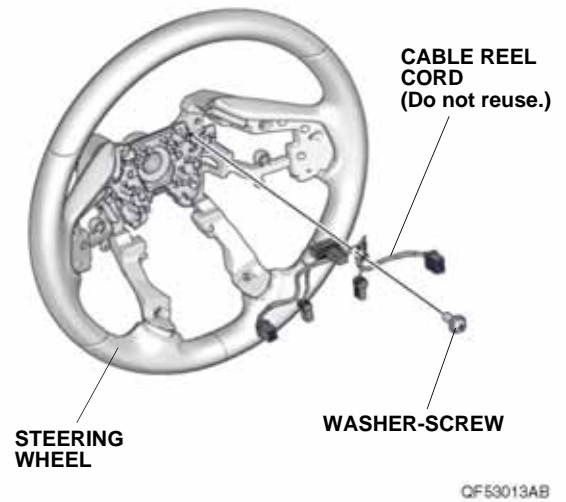
25. Remove the center spoke trim.



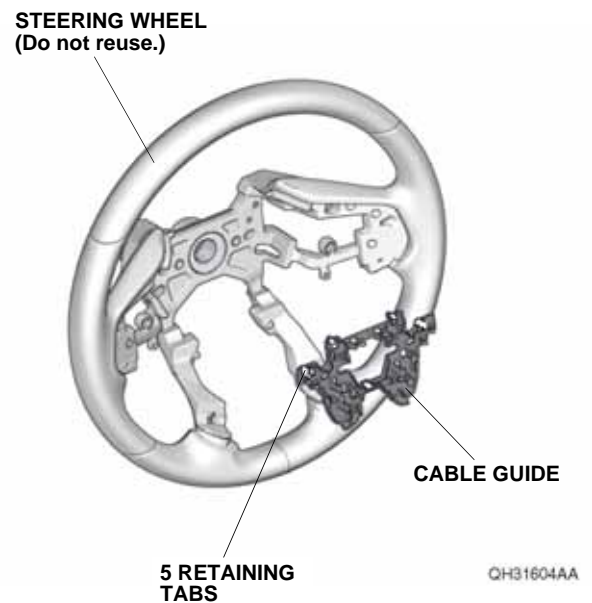
26. Remove the left and right vehicle switches, and unplug the vehicle connectors.



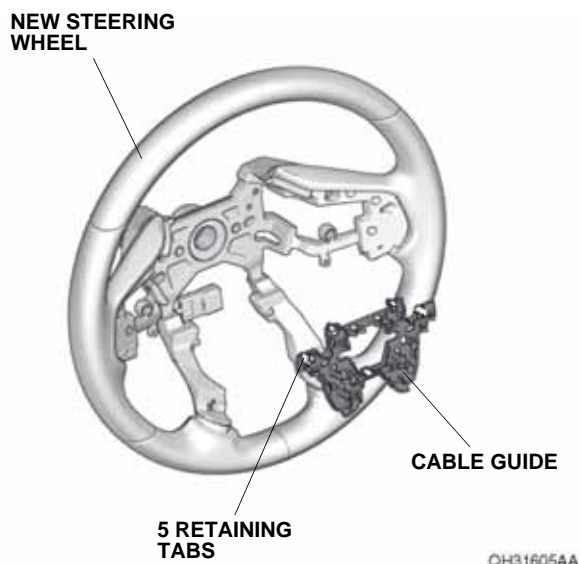
27. Remove the cable reel cord.



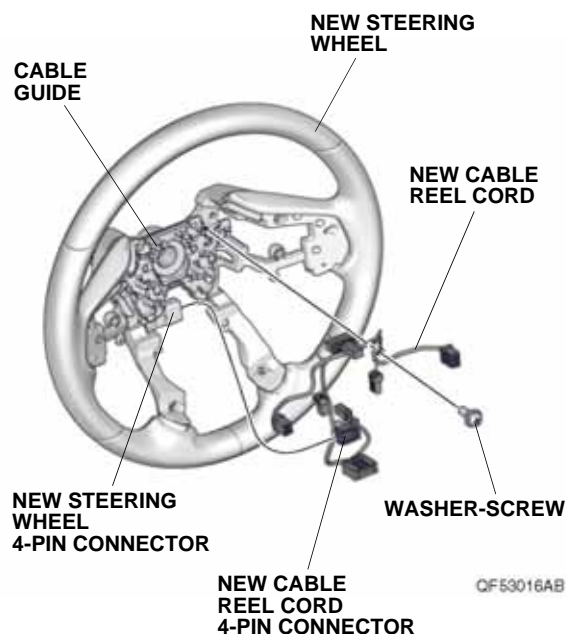
28. Remove the cable guide.



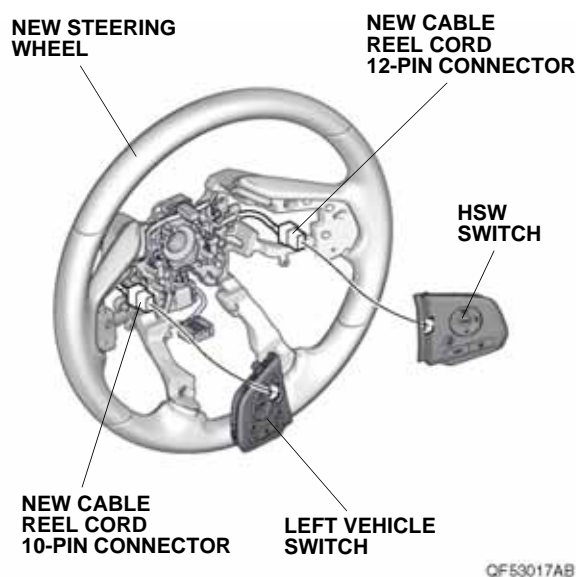
29. Install the cable guide on the new steering wheel with five retaining tabs.



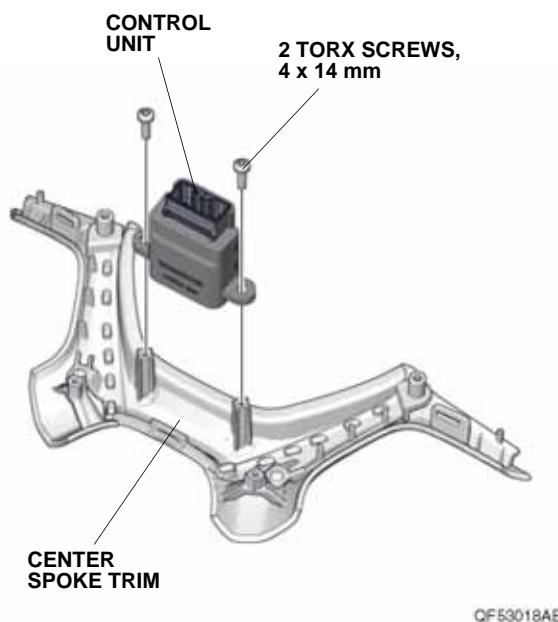
30. Install the new cable reel cord to the cable guide with one washer-screw removed in step 27. Plug the new cable reel cord 4-pin connector into the new steering wheel 4-pin connector, and secure the new cable reel cord to the cable guide.  
NOTE: If the new cable reel cord looks different, follow the same procedure.



31. Plug the new cable reel cord 12-pin connector into the HSW switch, and install the HSW switch on the new steering wheel. Plug the new cable reel cord 10-pin connector into the left vehicle switch, and install the left vehicle switch on the new steering wheel.

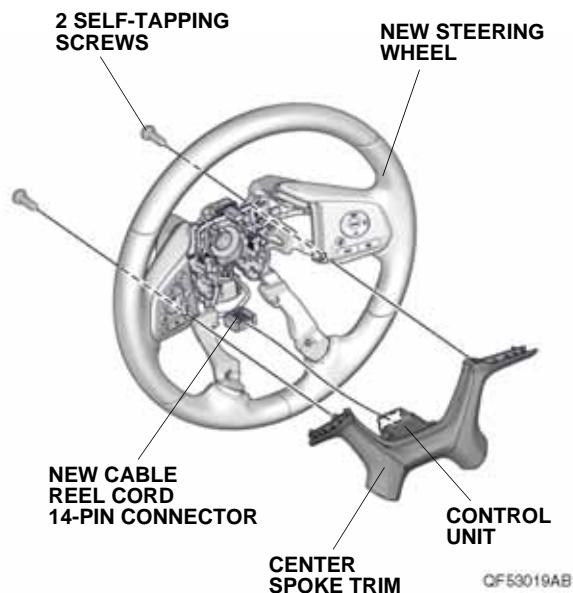


32. Install the control unit on the center spoke trim with two 4 x 14 mm TORX screws.





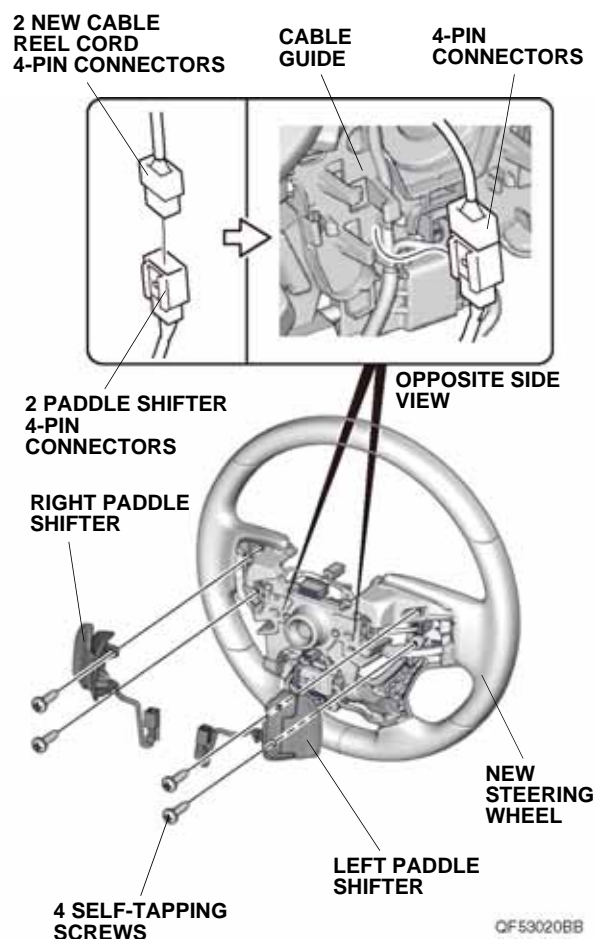
33. Plug the new cable reel cord 14-pin connector into the control unit, and install the center spoke trim to the new steering wheel with two self-tapping screws removed in step 25.



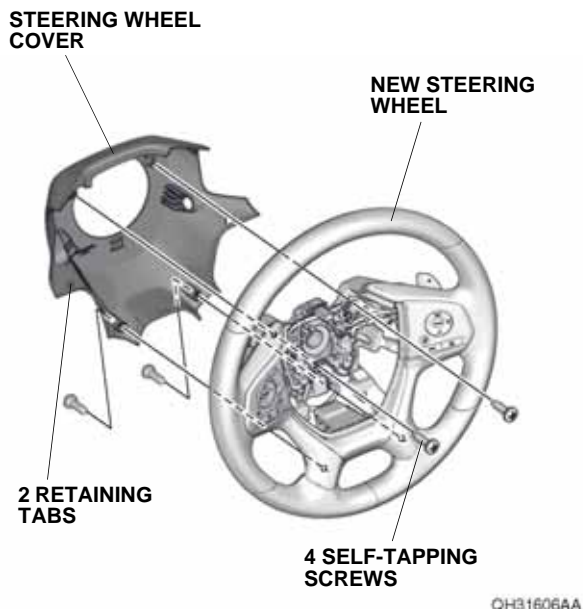
**If the vehicle is equipped with paddle shifters, continue with step 34; otherwise, go to step 35.**

### With paddle shifters

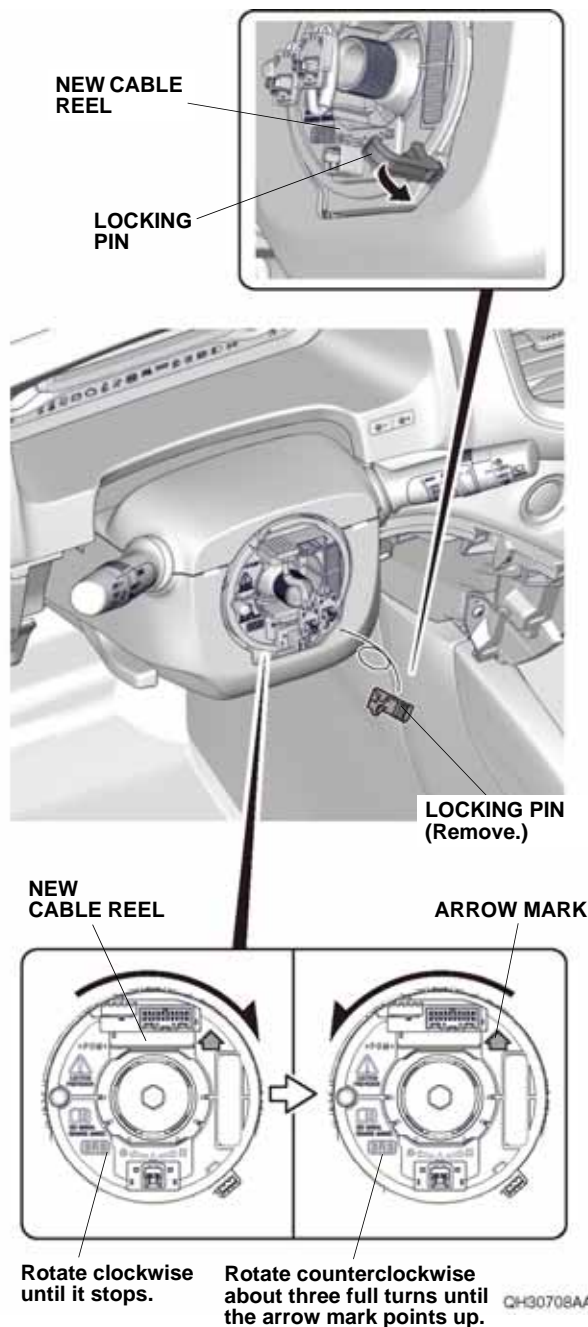
34. Install the left and right paddle shifters with four self-tapping screws removed in step 24. Plug the two new cable reel cord 4-pin connectors into the two paddle shifter 4-pin connectors, and secure the two 4-pin connectors to the cable guide.



35. Install the steering wheel cover on the new steering wheel with four self-tapping screws removed in step 23 and two retaining tabs.

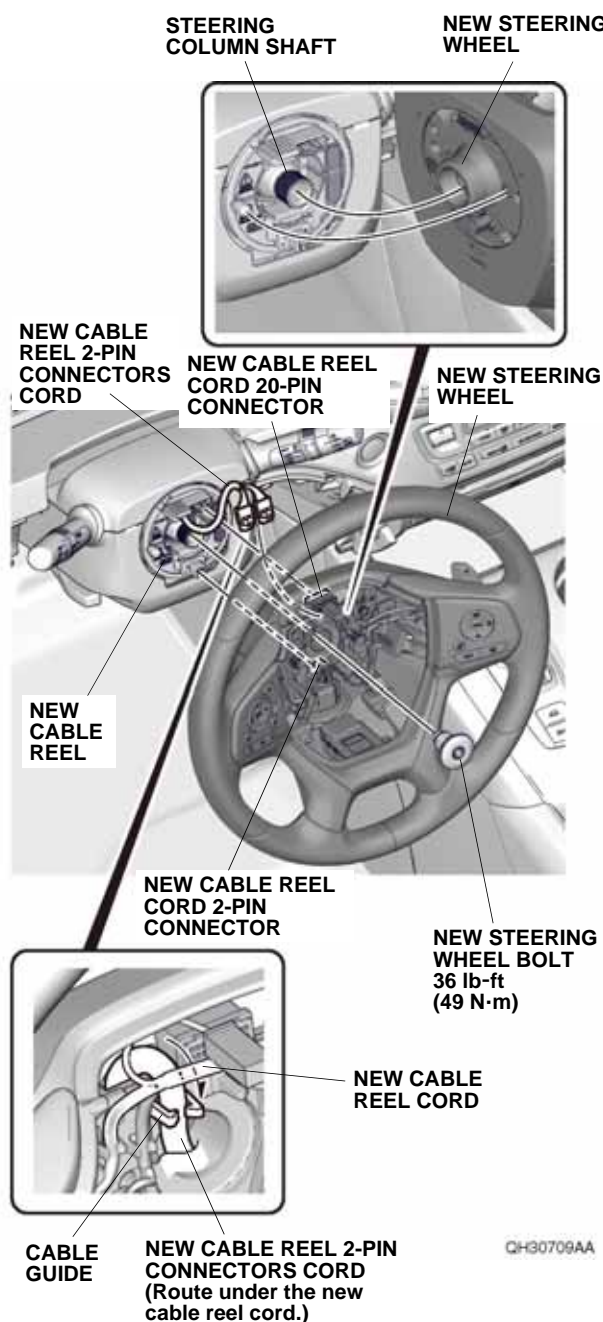


36. Remove the locking pin as shown.



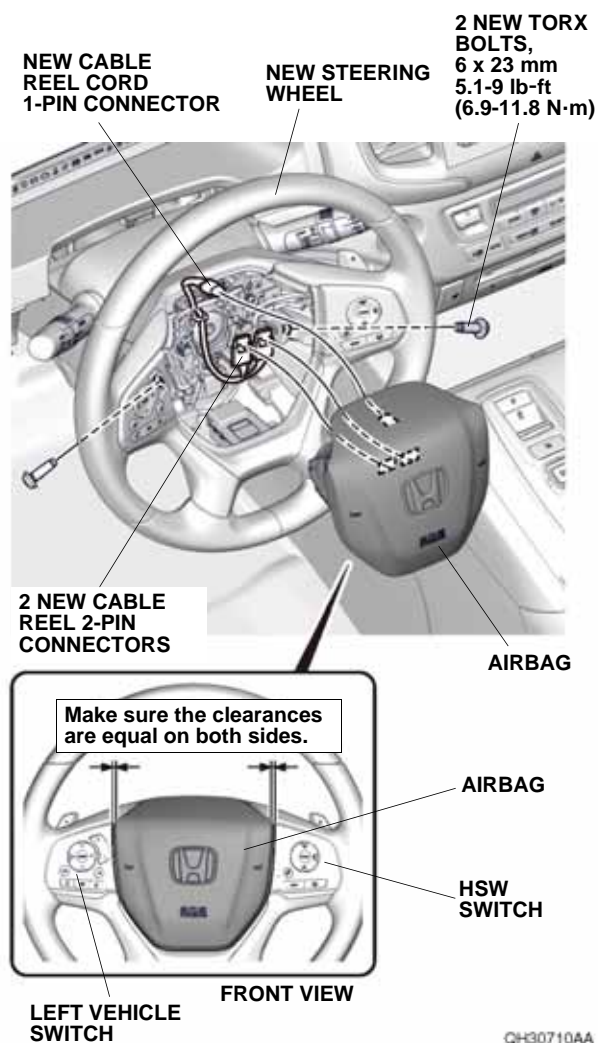
37. Before installing the new steering wheel, make sure the front wheels are still pointing straight-ahead. To confirm the cable reel is line up properly, rotate the cable reel clockwise until it stops, then rotate it counterclockwise about three full turns. The arrow mark on the new cable reel label must point straight up.

38. Install the new steering wheel on the steering column shaft in the straight-ahead position:
- Route the new cable reel 2-pin connectors cord through the opening in the new steering wheel. Route the new cable reel 2-pin connectors cord under the new cable reel cord, and secure it to the cable guide.
  - Plug the new cable reel cord 20-pin and 2-pin connectors into the new cable reel.
  - Check that the wire harnesses are not pinched.



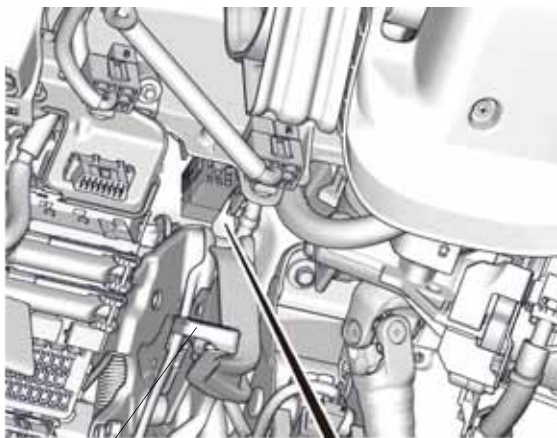
39. Install the new steering wheel bolt. Torque the new steering wheel bolt to 36 lb-ft (49 N·m). Tighten at the specified torque within 5 minutes.

40. Install the airbag to the new steering wheel with two supplied 6 x 23 mm TORX bolts, and plug into the two new cable reel 2-pin connectors and one new cable reel cord 1-pin connector.
- Alternately tighten the right and left TORX bolts so that the gaps on the right and left sides between the airbag and the switches are even. Torque the new TORX bolts to 5.1-9 lb-ft (6.9-11.8 N·m).
  - New TORX bolts are coated with non-hardening thread lock sealant, so they cannot be reused. When installing the new steering wheel, be sure to replace the new TORX bolts with the ones included in this kit.



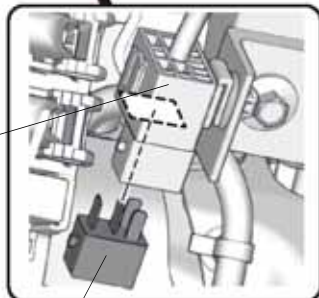
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41. At the driver's dashboard lower cover opening, locate the vehicle relay block to install the relay as shown.



DRIVER'S  
DASHBOARD  
LOWER COVER  
OPENING

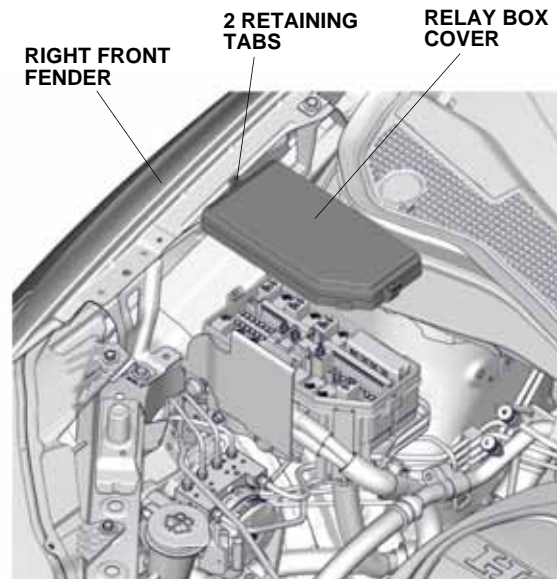
VEHICLE  
RELAY  
BLOCK



RELAY

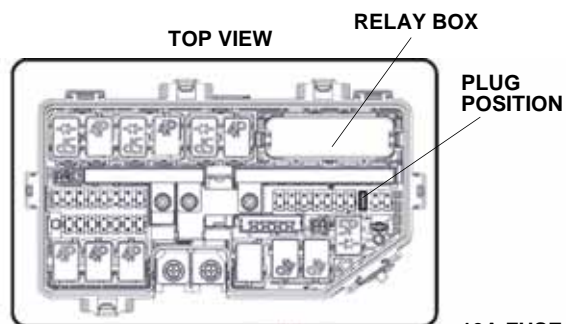
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42. Under the hood, remove the relay box cover.

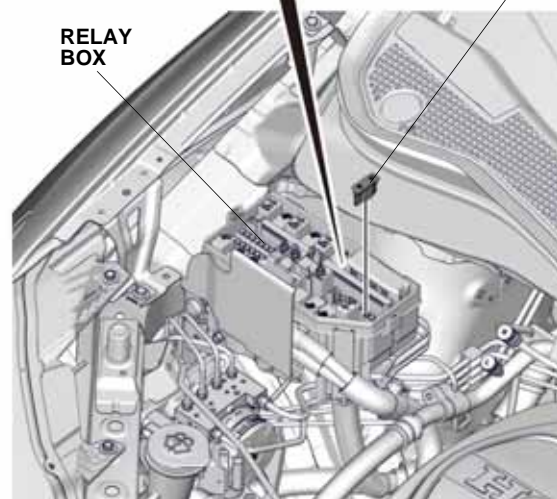


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43. Plug the 10A fuse into the relay box.



10A FUSE



QH30712AA



44. Check that all wire harnesses are routed properly and all connectors are plugged in.
45. Install all removed parts except for the front bulkhead cover and the intake air tube.
46. Connect the negative cable to the battery.
47. Install the front bulkhead cover and the intake air tube.
48. Connect the i-HDS, and clear the DTCs.
49. Inspect the following items. If any abnormality is found, troubleshoot as described in the service information.
  - Turn the ignition to ON. The SRS indicator should come on for about 6 seconds and then go off.
  - Make sure the horn and steering wheel switches work properly.
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.
53. Make sure the new steering wheel is in the straight-ahead position with the front wheels. If the spoke angle of the new steering wheel is not in the straight-ahead position with the front wheels, adjust the front toe as described in the service information.
54. Do the VSA sensor neutral position memorization as described in the service information.

## **Check the Operation of the Heated Steering Wheel**

55. Make sure the heated steering wheel works as described in the vehicle owner's manual.