



# INSTALLATION INSTRUCTIONS

Accessory  
**REMOTE CONTROL ENGINE STARTER**

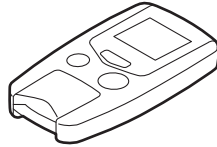
Application  
**2011 CR-V**

Publications No.  
**All 44637**  
Issue Date  
**AUG 2010**

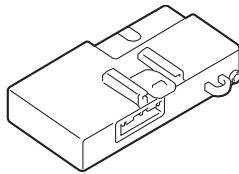
## PARTS LIST

**Remote Engine Starter Unit Kit**  
**P/N 08E91-E22-101B**

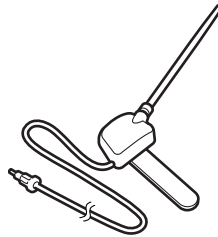
Transmitter



Control unit



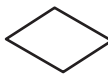
Antenna



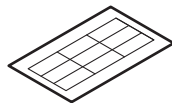
Key ring



Protective tape



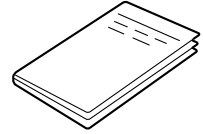
Fuse label



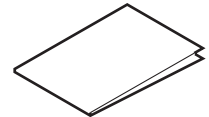
Caution label



Accessory User's Information Manual

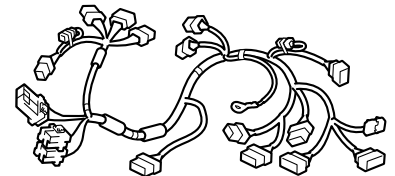


Quick Start Guide

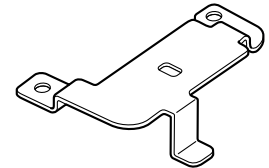


**Remote Control Engine Starter Attachment Kit**  
**(With vehicle security)**  
**P/N 08E92-SWA-100B**

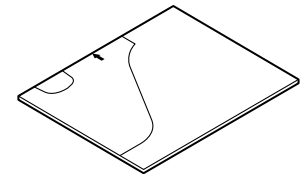
Engine starter harness



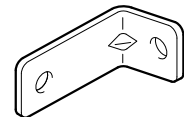
Control unit bracket



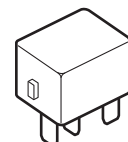
Template



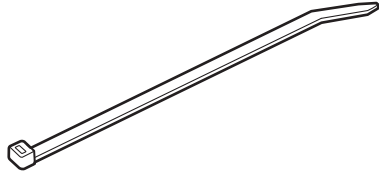
Bracket



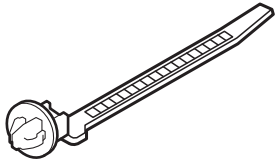
3 Relays



19 Wire ties



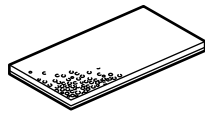
2 Wire ties with clip



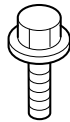
Clip



11 Urethane tapes



6 x 12 mm Washer bolt



6 mm Flange nut

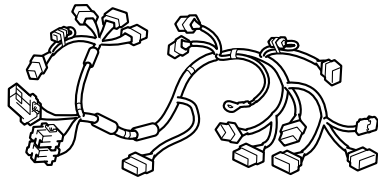


2 Self-tapping screws, 5 x 12 mm

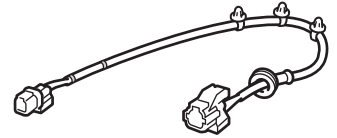


**Remote Control Engine Starter Attachment Kit  
(Without vehicle security)  
P/N 08E92-SWA-100C**

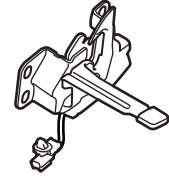
Engine starter harness



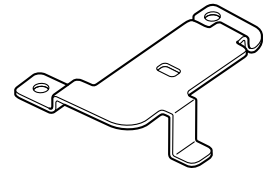
Hood switch harness



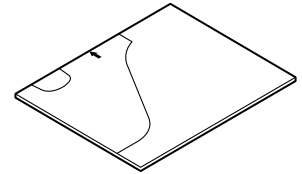
Hood lock



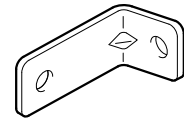
Control unit bracket



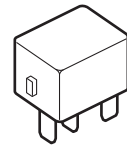
Template



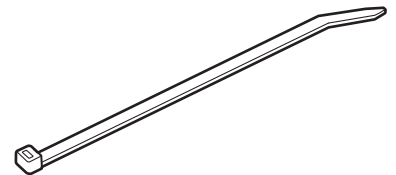
Bracket



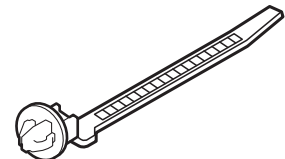
3 Relays



26 Wire ties



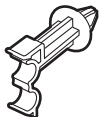
2 Wire ties with clip



Clip



Cable clip



11 Urethane tapes



6 x 12 mm Washer bolt



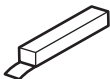
6 mm Flange nut



2 Self-tapping screws, 5 x 12 mm



2 Spacers

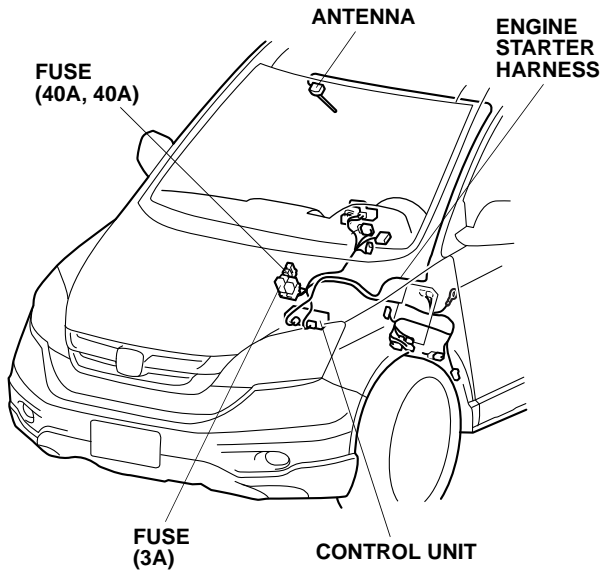


### TOOLS AND SUPPLIES REQUIRED

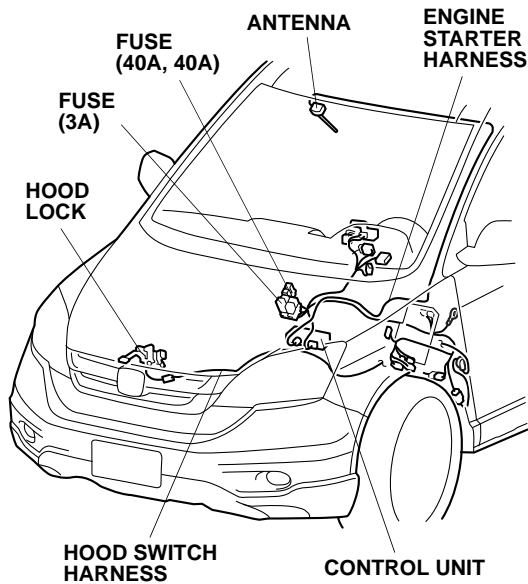
- Phillips screwdriver
- Flat-tip screwdriver
- Diagonal cutters
- Ratchet
- 8 mm and 10 mm Sockets
- 10 mm wrench
- Plastic trim tool (T/N SILTRIMTL10)
- Felt-tip pen
- Isopropyl alcohol
- Scissors
- Small flat-tip screwdriver
- Shop towel
- Scale
- Rubber mallet
- HDS (Honda Diagnostic System)
- Fender cover
- Needle nose pliers
- Tape
- 10 mm Combination wrench

## Illustration of the Remote Control Engine Starter Installed on the Vehicle

With vehicle security



Without vehicle security



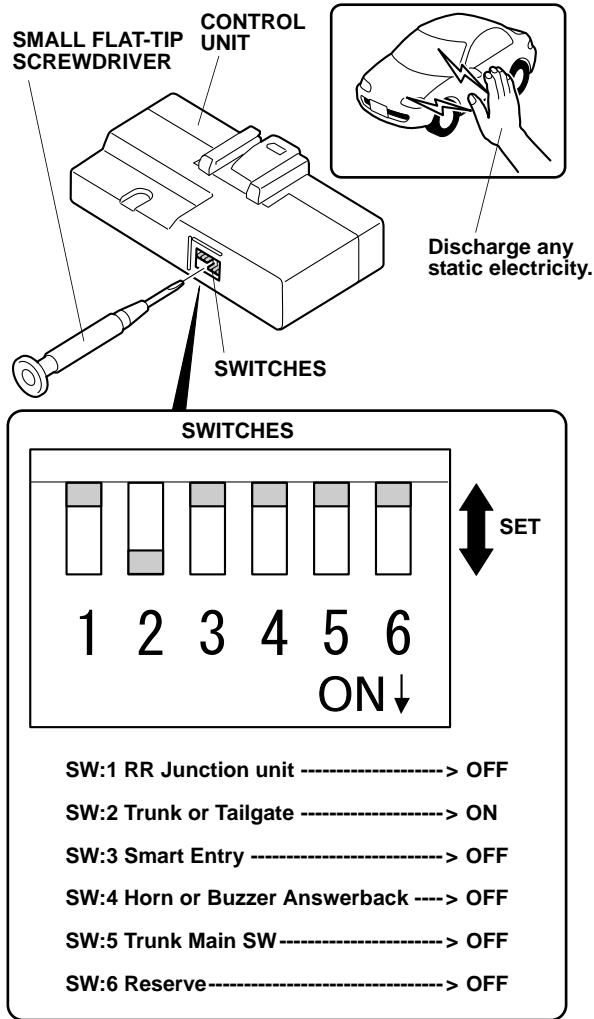
## INSTALLATION

**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:** The antenna should be installed only if the ambient air temperature is 15°C (60°F) or above.

1. Make sure you have the anti-theft code for the radio, then write down the frequencies for the preset buttons.
2. Disconnect the negative cable from the battery.

3. Touch the metal part of the screwdriver to any metal part of the vehicle to discharge any static electricity.



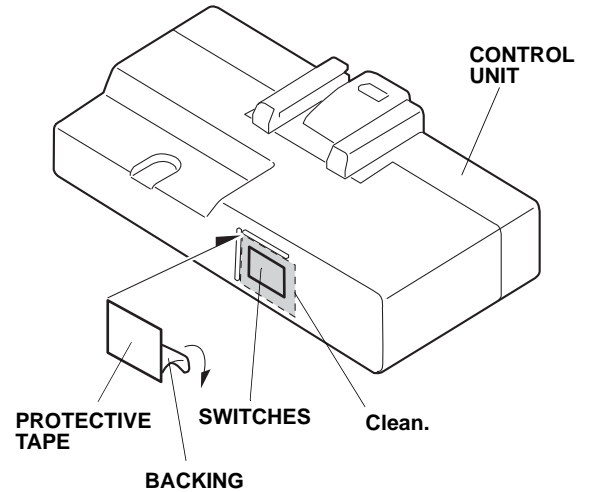
4. Check the settings of the switches on the control unit.

**NOTE:**

- The switches must be set before the control unit is plugged in.
- If the switch settings are not correct, the remote engine starter will not operate correctly.
- If you change the switch settings with the unit connected, you must disconnect the unit, then reconnect it before the control unit recognizes the new settings.

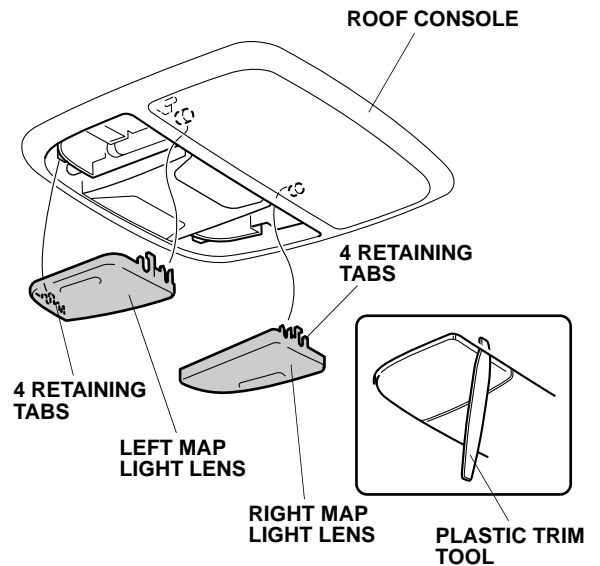
5. Using a small flat-tip screwdriver, adjust the switches on the control unit as shown.

6. Using isopropyl alcohol on a shop towel, thoroughly clean the area where the protective tape will attach. Remove the backing from the protective tape. Attach the protective tape to the control unit over the switches.

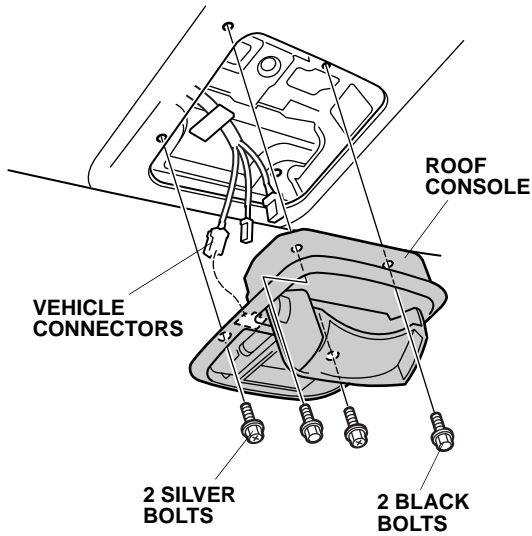


**Removing the Vehicle Parts**

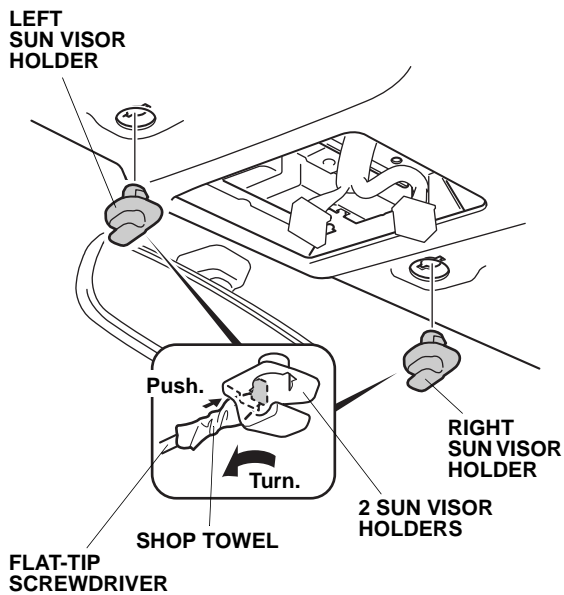
7. Remove the right and left map light lenses (four retaining tabs each). Do not damage the lenses.



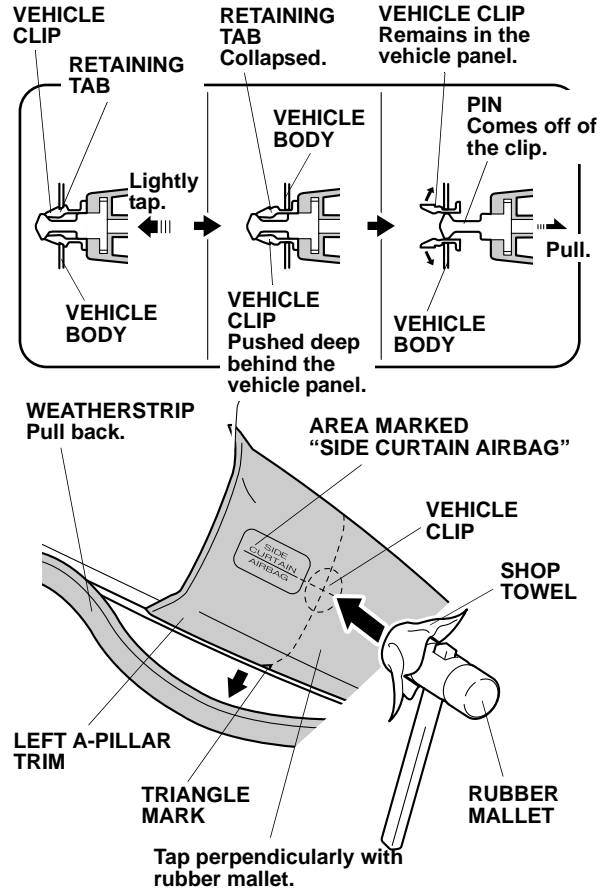
- Remove the roof console (four bolts and unplug the vehicle connectors).



- Using a flat-tip screwdriver wrapped with a shop towel, remove the right and left sun visor holders.

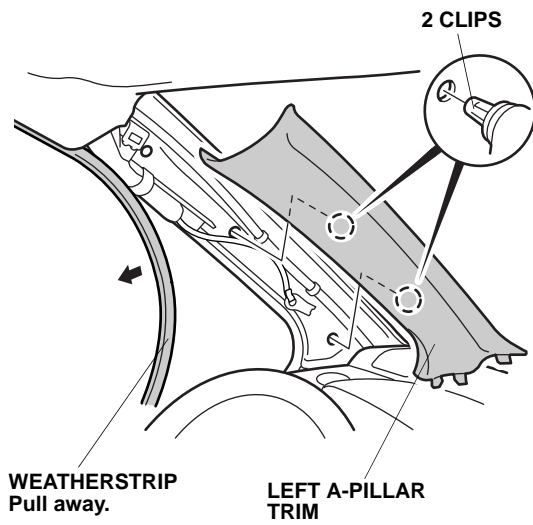


- Pull back the weatherstrip as shown.



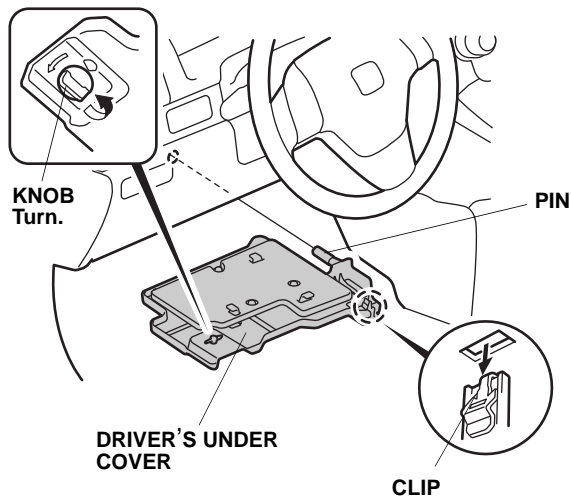
- Using a rubber mallet wrapped with a shop towel, lightly tap the area marked "SIDE CURTAIN AIRBAG" on the top of the left A-pillar trim to push in the vehicle clip. Make sure to tap perpendicular to the A-pillar trim.

12. Pull away the weatherstrip as shown.

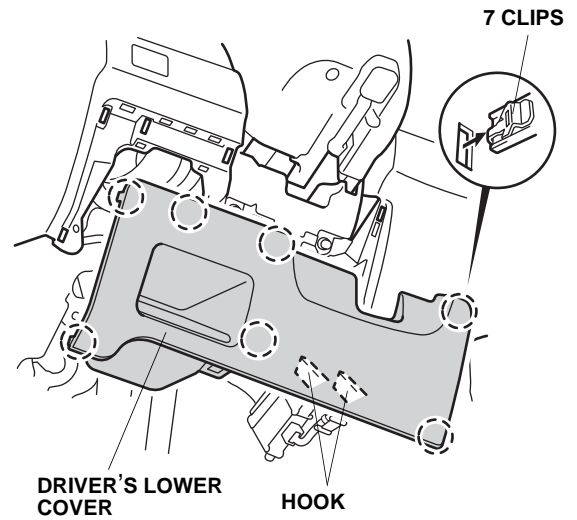


13. Remove the left A-pillar trim (two clips).

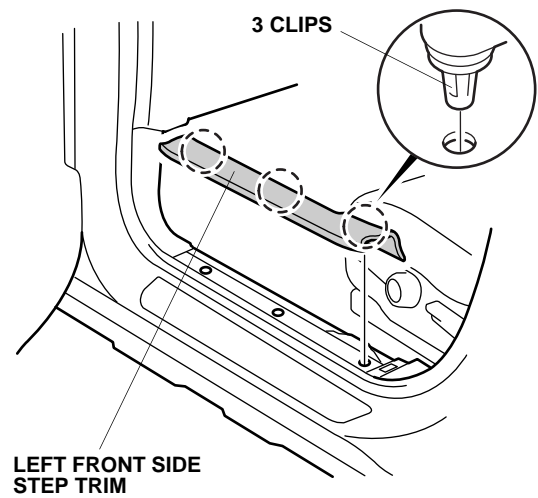
14. Turn the knob on the driver's under cover. Remove the driver's under cover (one pin and one clip).



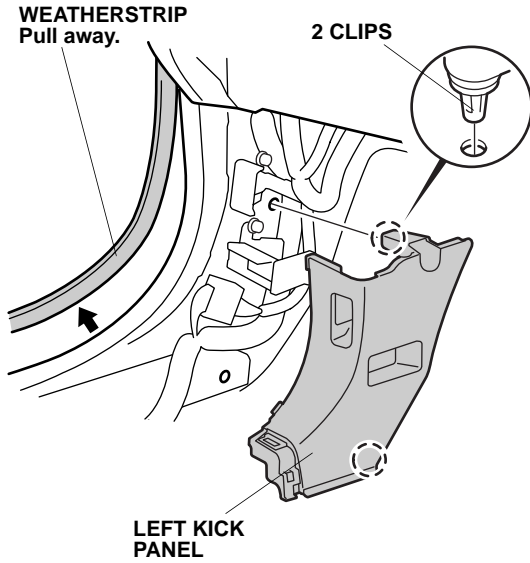
15. Remove the driver's lower cover (seven clips and two hooks).



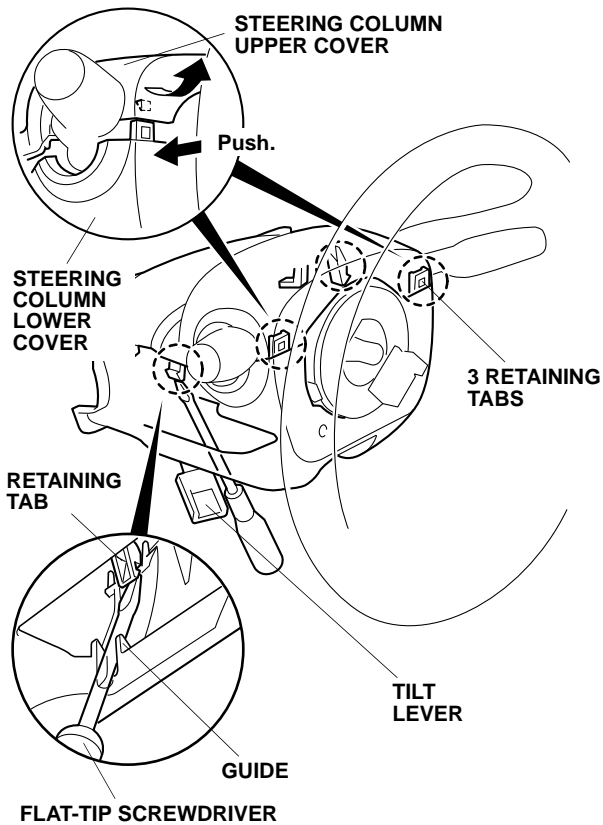
16. Remove the left front side step trim (three clips).



17. Pull away the weatherstrip.

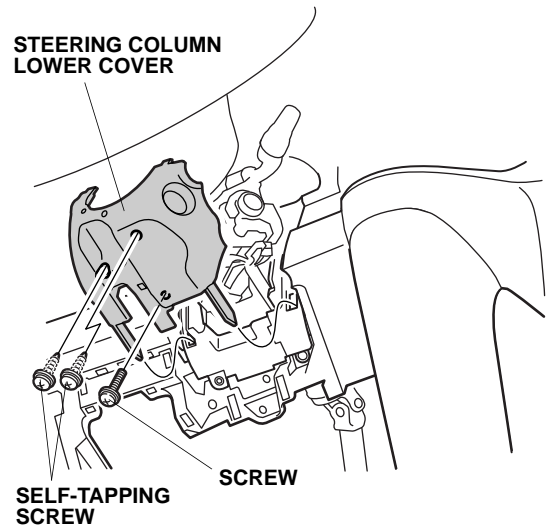


18. Remove the left kick panel (two clips).
19. Lower the tilt lever and pull the steering wheel outward. Insert a flat-tip screwdriver into the guide on the underside of the steering column lower cover and release the retaining tab.



20. Remove the steering column upper cover (three retaining tabs).

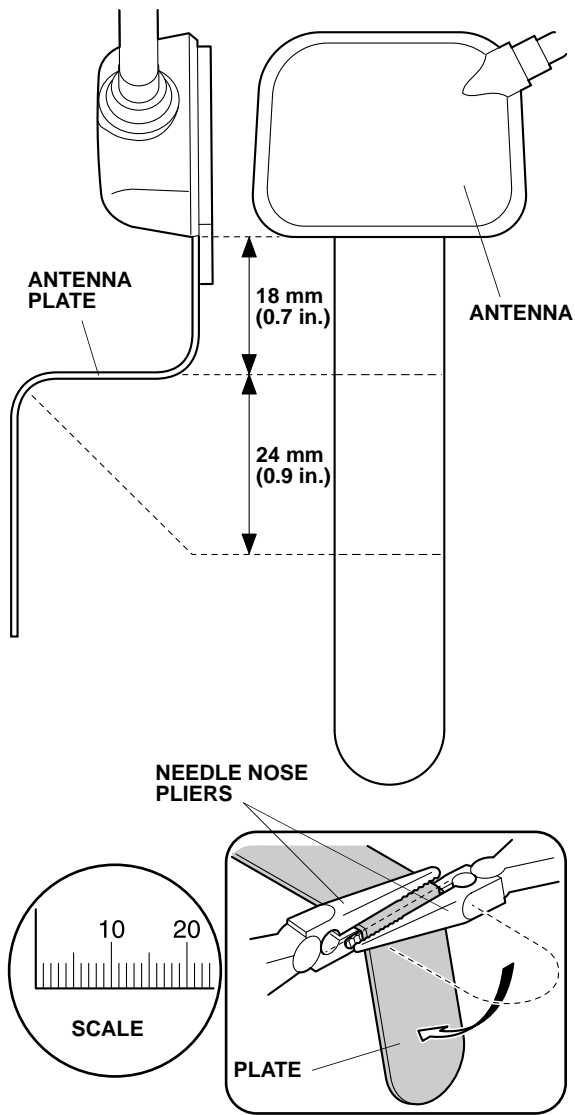
21. Remove the steering column lower cover (two self-tapping screws and one screw).



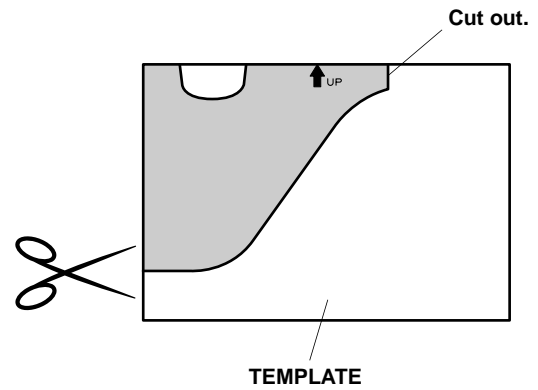


## Installing the Antenna

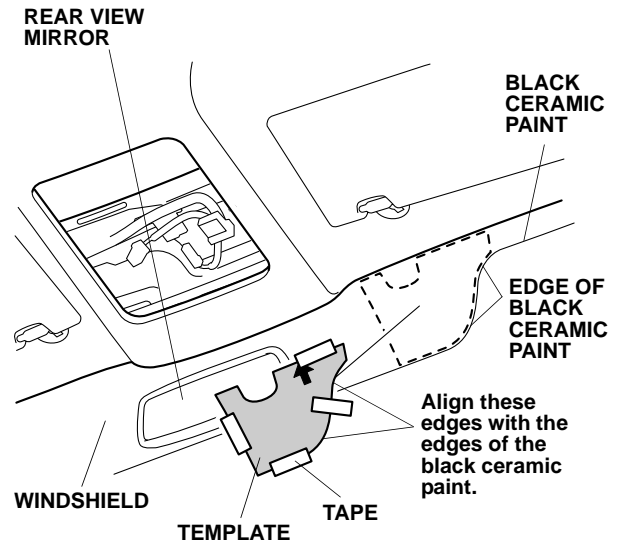
22. Using two pairs of needle nose pliers, bend the antenna plate according to the measurements shown.



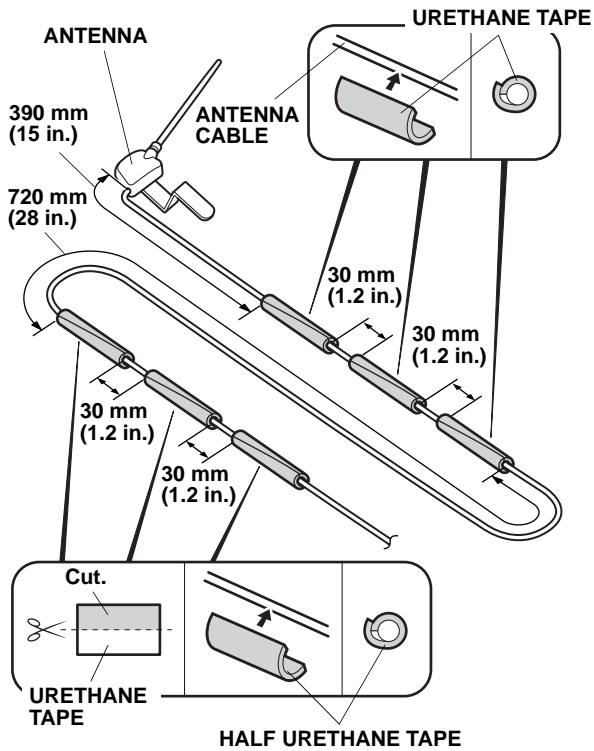
23. Using scissors, cut out the template.



24. Align the template with the edge of the black ceramic paint, and secure it to the windshield with tape.

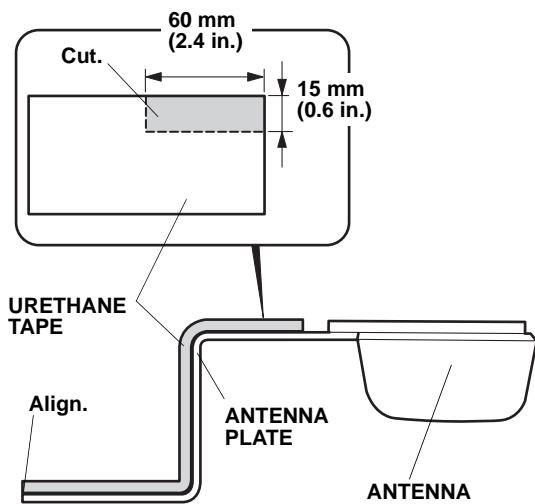


25. Measure the antenna cable as shown. Wrap three urethane tapes onto the antenna cable in those positions.

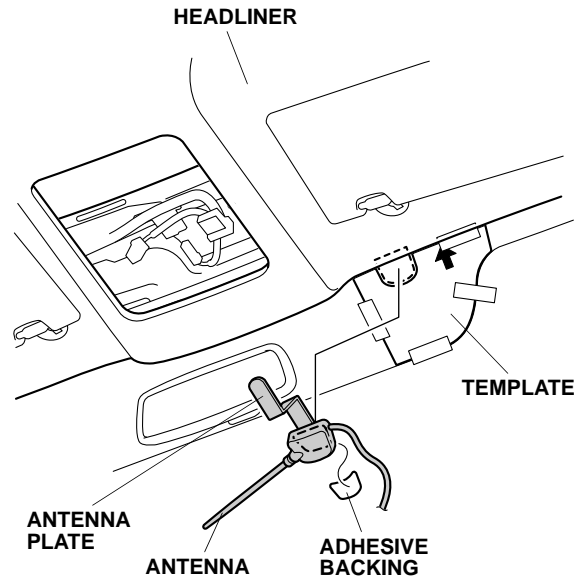


26. Cut two urethane tapes in half. Wrap three of the half pieces of urethane tape around the antenna cable as shown.

27. Cut the urethane tape as shown. Attach the urethane tape to the antenna plate as shown.



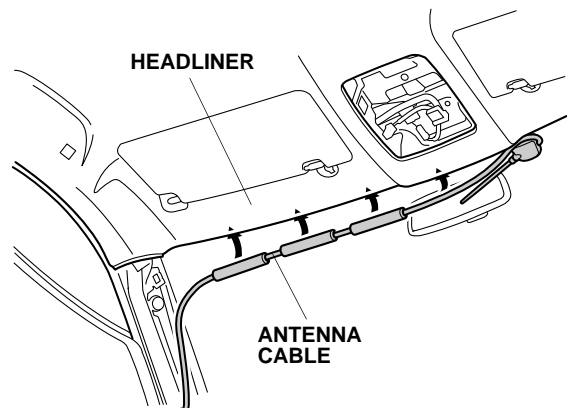
28. Using isopropyl alcohol on a shop towel, thoroughly clean the area where the antenna will attach. Allow it to dry before proceeding.



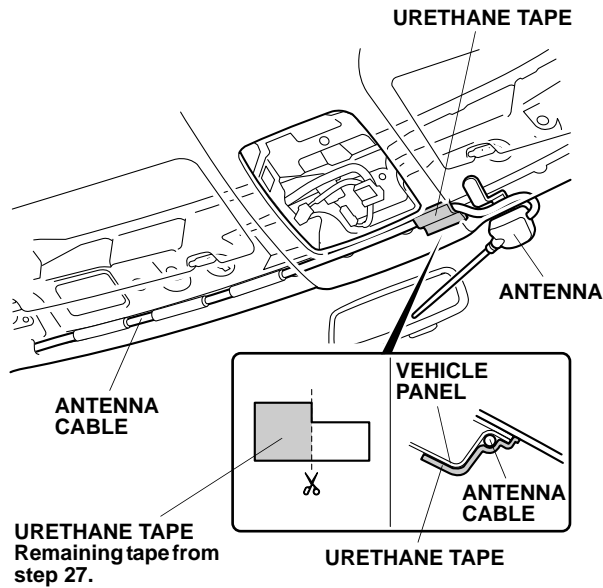
29. Remove the adhesive backing from the antenna. Insert the antenna plate under the headliner, align the antenna with the template, and attach the antenna to the windshield.

30. Remove the template.

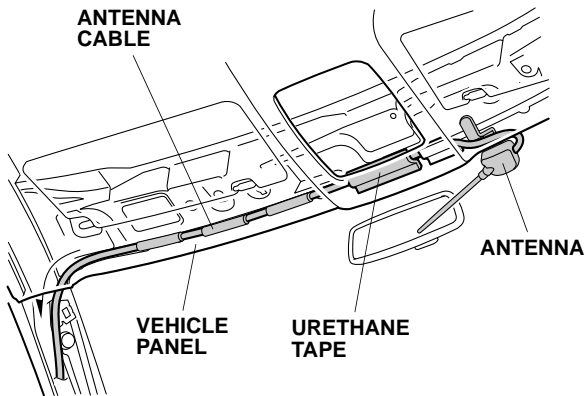
31. Push the antenna cable under the headliner as shown. Be careful not to crease the headliner.



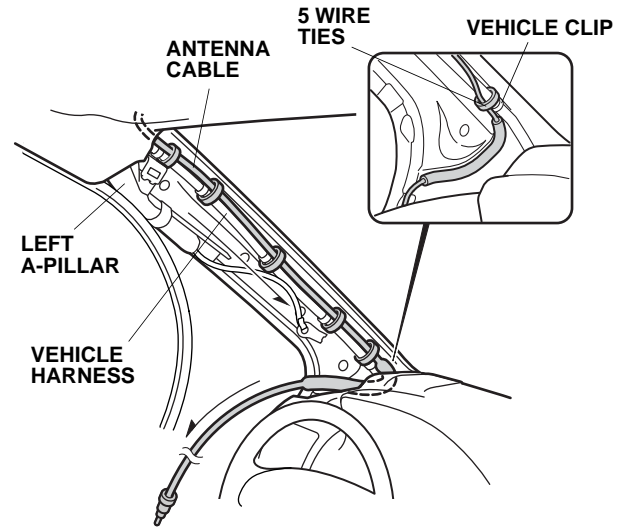
32. Using isopropyl alcohol on a shop towel, thoroughly clean the area where the urethane tape will attach. Cut the urethane tape remaining from step 27 as shown. Secure the antenna cable to the vehicle panel with the piece of urethane tape. Be careful not to crease the headliner.



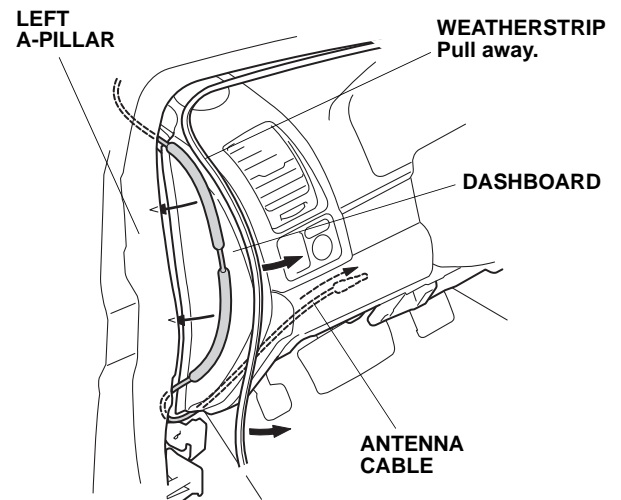
33. Using isopropyl alcohol on a shop towel, thoroughly clean the area where the urethane tape will attach. Secure the antenna cable to the vehicle panel with one urethane tape. Be careful not to crease the headliner.



34. Route the antenna cable along the left A-pillar and secure it to the vehicle harness with five wire ties as shown.



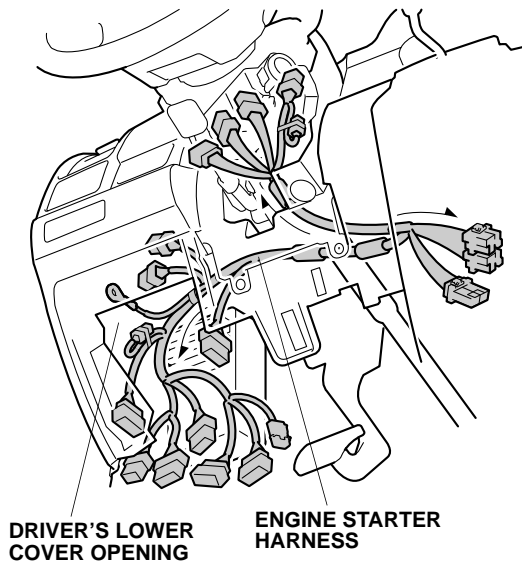
35. Pull away the weatherstrip.



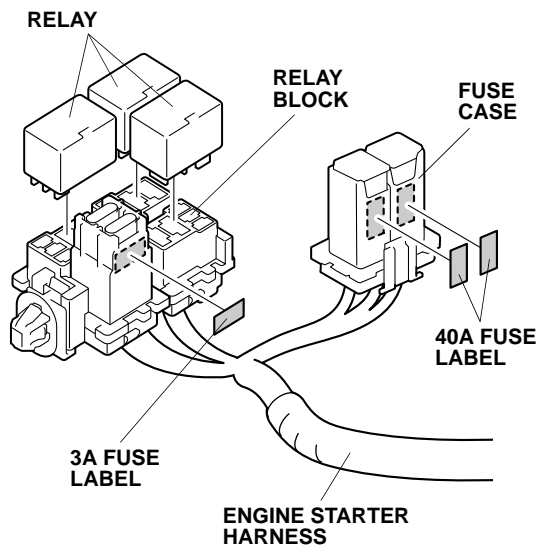
36. Route the antenna cable down under the dashboard. Tuck the antenna cable between the left A-pillar and the dashboard, then reinstall the weatherstrip.

## Routing the Engine Starter Harness

37. Route the engine starter harness as shown.



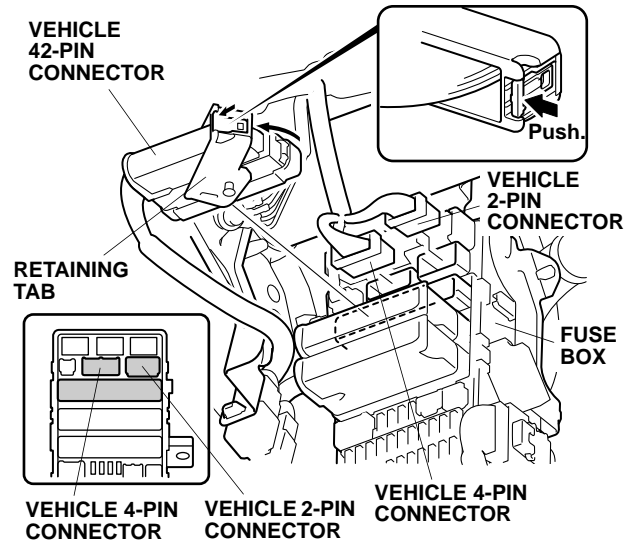
38. Using isopropyl alcohol on a shop towel, thoroughly clean the areas where the 40A fuse labels and the 3A fuse label will attach.



39. Attach the 40A fuse labels and the 3A fuse labels to the relay block and the fuse case of the engine starter harness.

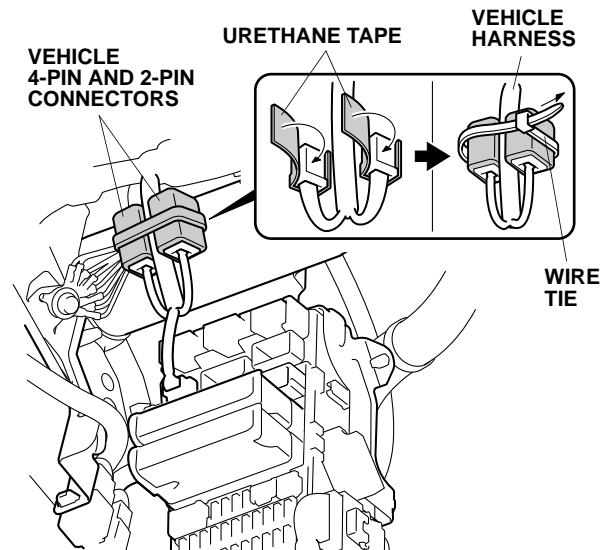
40. Plug the three relays into the relay block of the engine starter harness.

41. Unlock the vehicle 42-pin connector by pushing the retaining tab on the connector, and unplugging the connector from the fuse box.



42. Unplug the vehicle 4-pin connector and the 2-pin connector from the top of the fuse box as shown.

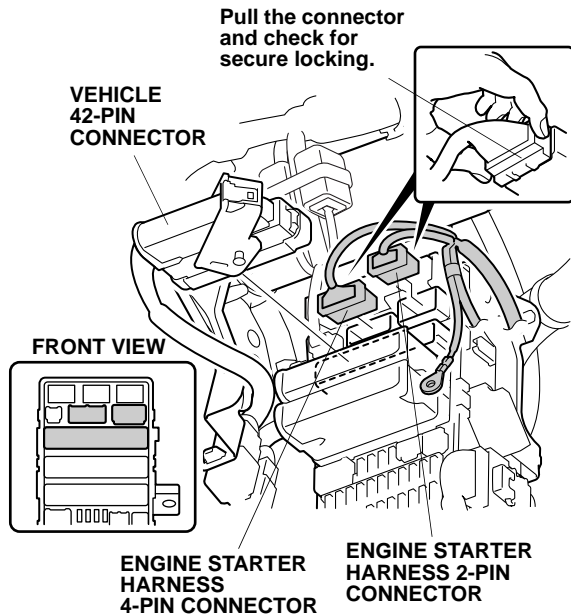
43. Wrap two urethane tapes around the vehicle 4-pin connector and the 2-pin connector.



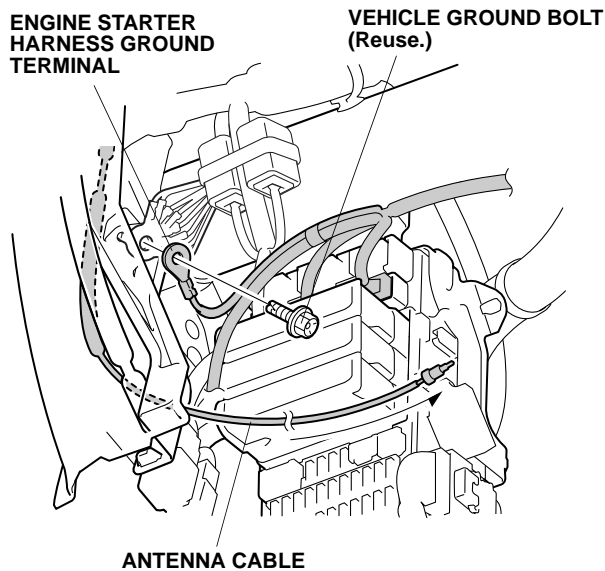
44. Secure the vehicle 4-pin connector and 2-pin connector to the vehicle harness using a wire tie.

45. Plug the engine starter harness 4-pin and 2-pin connectors into the fuse box.

**NOTICE** Make sure the engine starter harness 4-pin and 2-pin connectors are plugged in securely. A loose connector can cause the engine to stall.

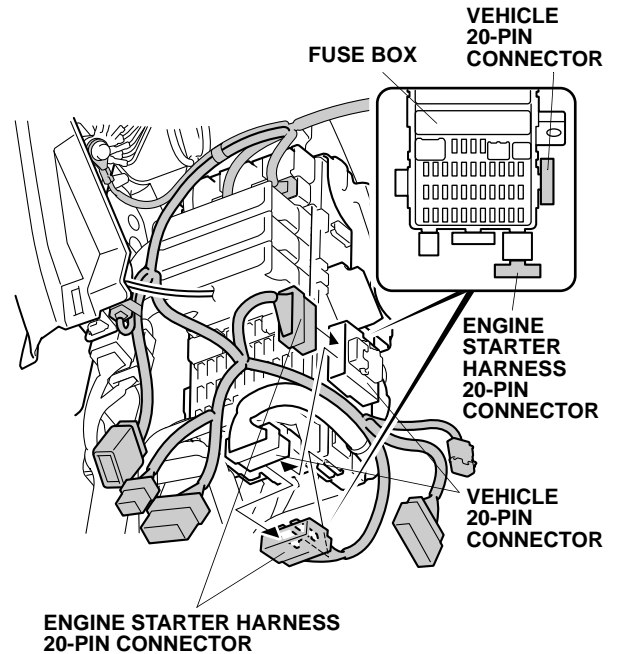


46. Reconnect the vehicle 42-pin connector into the fuse box.
47. Route the antenna cable as shown.

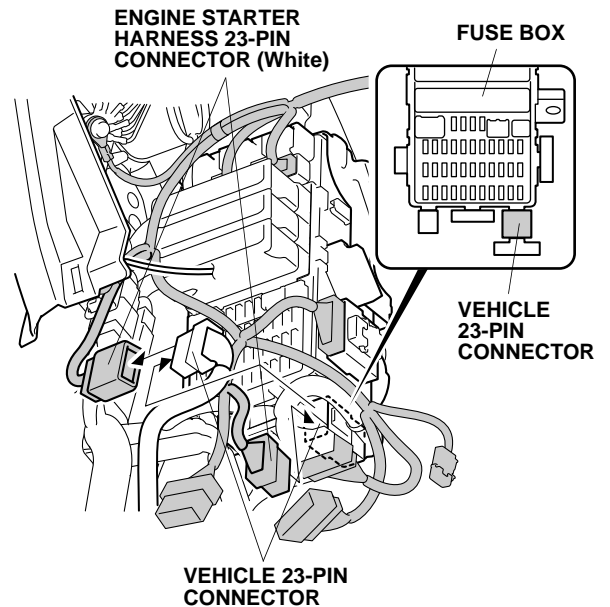


48. Remove the vehicle ground bolt from the vehicle. Secure the engine starter harness ground terminal with the vehicle ground bolt.

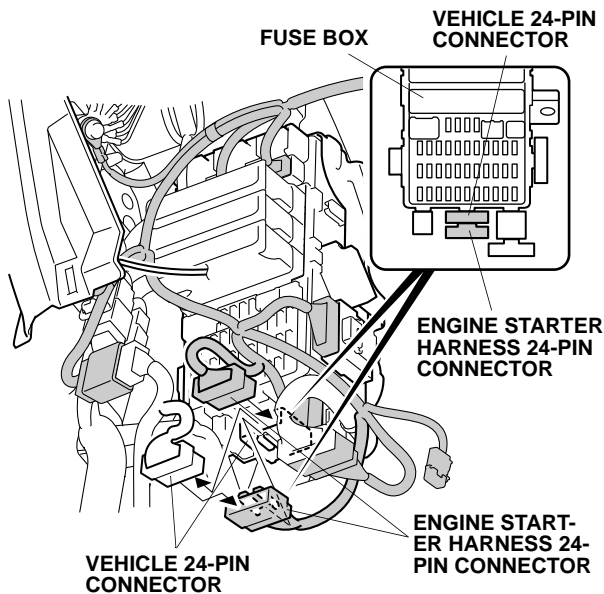
49. Unplug the vehicle 20-pin connector from the right side of the fuse box and plug it into the engine starter harness 20-pin connector as shown. Plug the engine starter harness 20-pin connector into the fuse box.



50. Unplug the vehicle 23-pin connector from the underside of the fuse box and plug the engine starter harness 23-pin connector (white) into the fuse box.

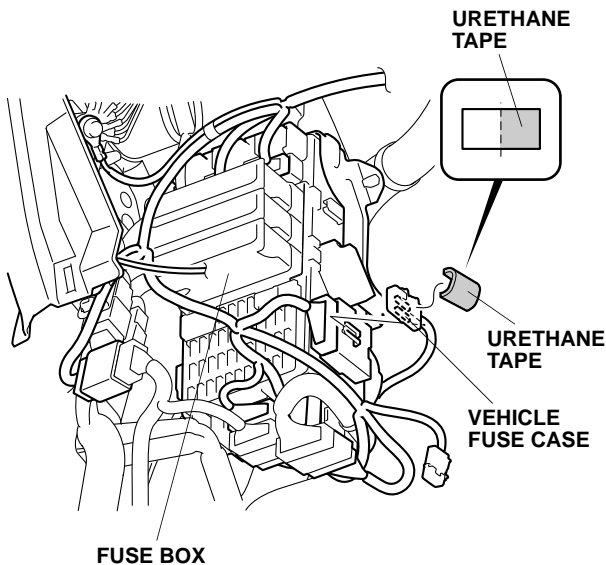


51. Unplug the vehicle 24-pin connector from the underside of the fuse box and plug it into the engine starter harness 24-pin connector as shown.



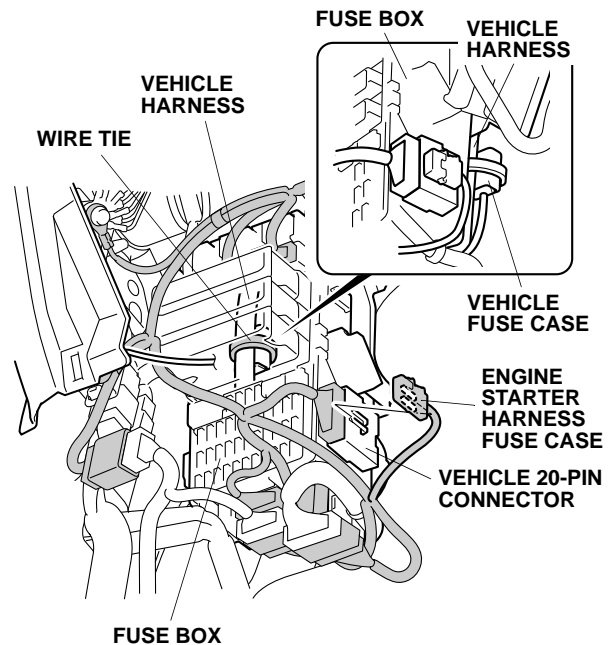
52. Install the engine starter harness 24-pin connector to the 24-pin connector on the underside of the fuse box as shown.

53. Remove the vehicle fuse case.



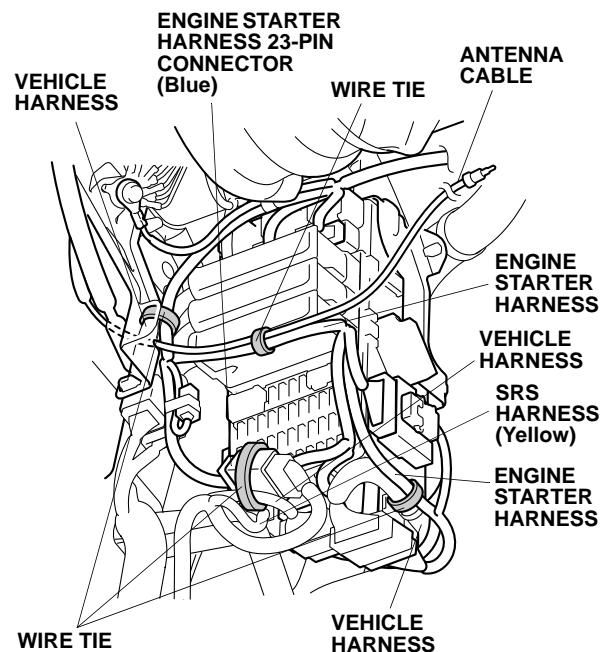
54. Wrap the vehicle fuse case with one urethane tape half cut in step 26.

55. Secure the vehicle fuse case to the vehicle harness with one wire tie.



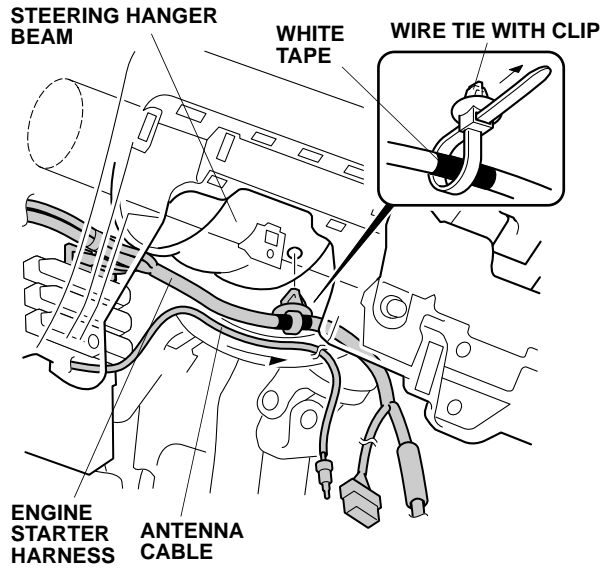
56. Install the engine starter harness fuse case to the vehicle 20-pin connector.

57. Secure the antenna cable to the engine starter harness with one wire tie.

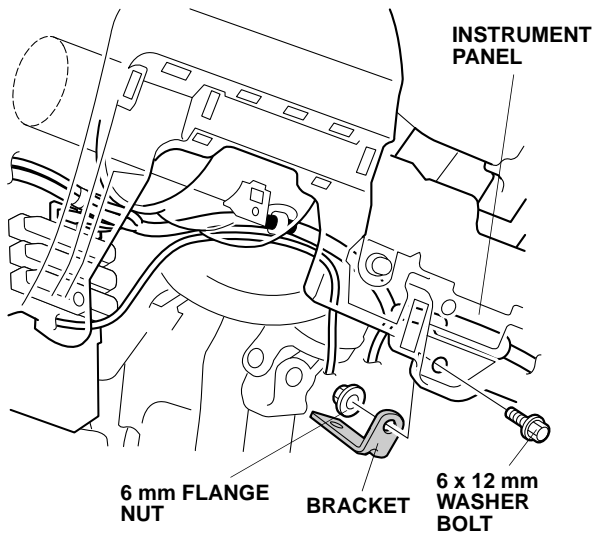


58. Secure the engine starter harness 23-pin connector (blue), and the engine starter harness to the vehicle harness with three wire ties.

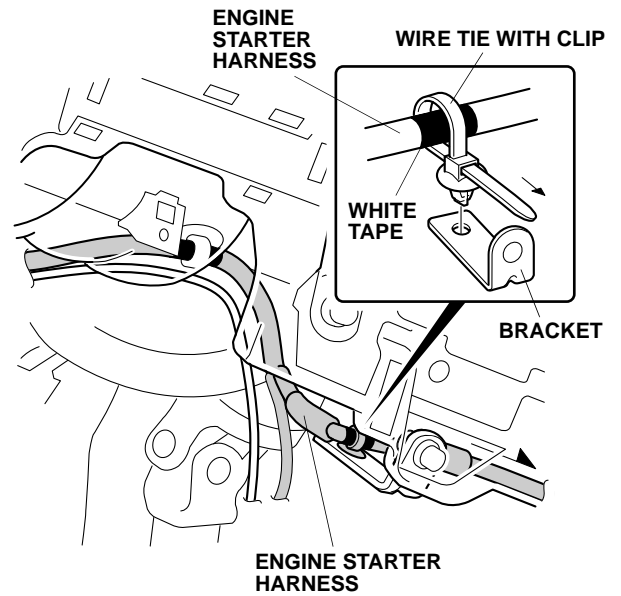
59. Attach one wire tie with clip to the engine starter harness at the white tape, then push the clip into the hole in the steering hanger beam.



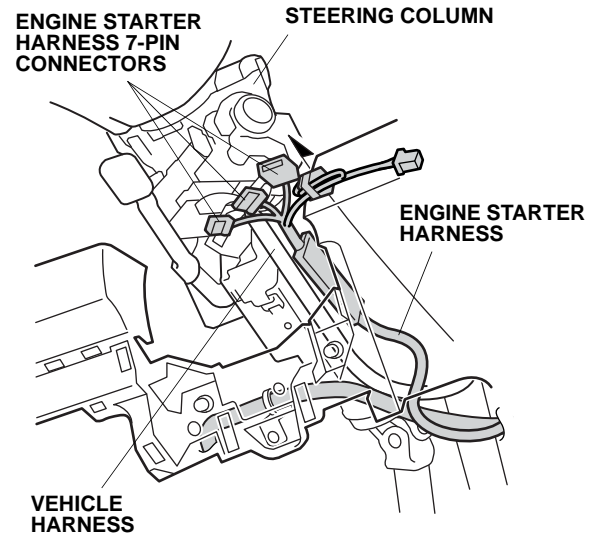
60. Route the antenna cable.
61. Install the bracket on the instrument panel with one 6 x 12 mm washer bolt and one 6 mm flange nut.



62. Attach the wire tie with clip to the engine starter harness at the white tape, then push the clip into the hole in the bracket.

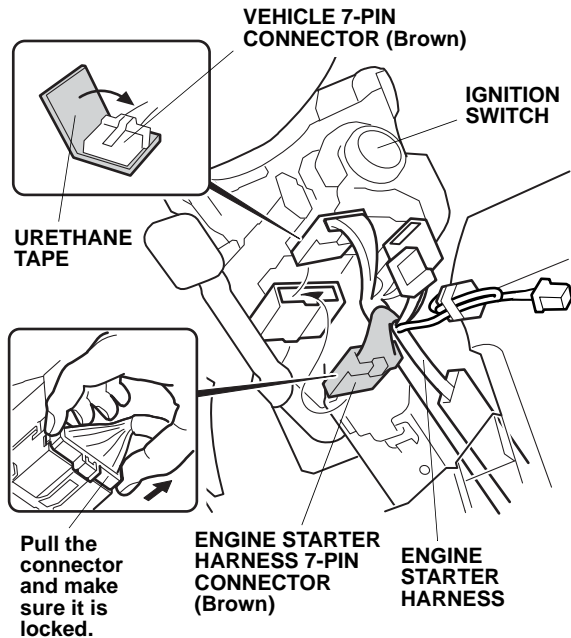


63. Route the engine starter harness 7-pin connectors (brown, green, white) to the steering column.

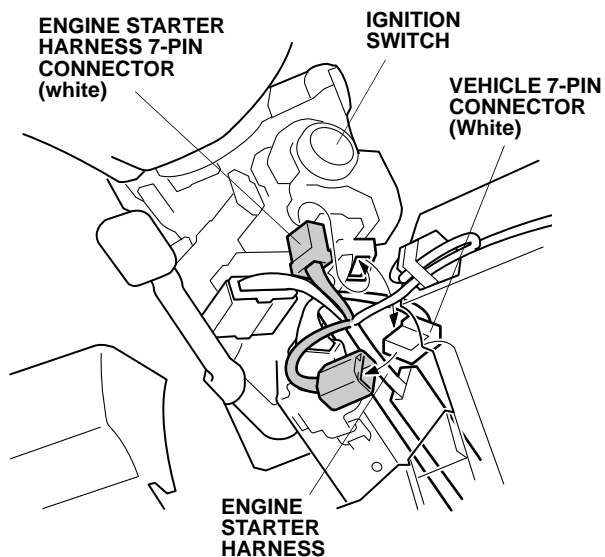


64. Unplug the vehicle 7-pin connector (brown) from the ignition switch and plug in the engine starter harness 7-pin connector (brown) as shown.

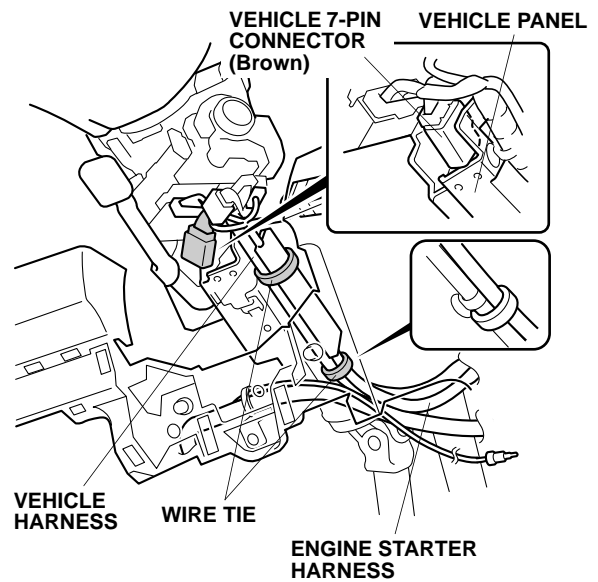
**NOTICE** Make sure the engine starter harness 7-pin connector (brown) is plugged in securely. A loose connector can cause the engine to stall.



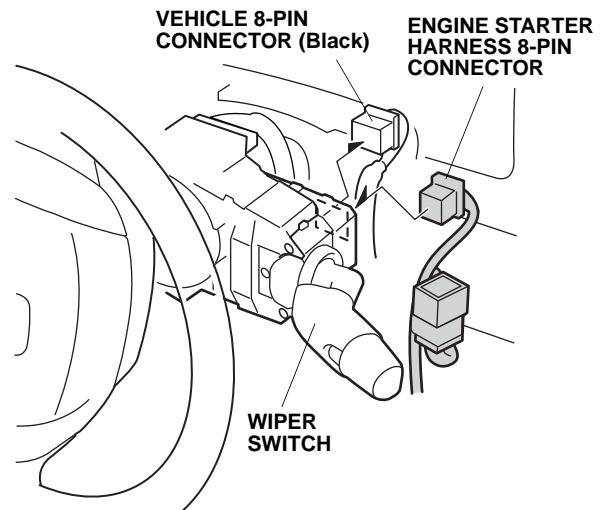
65. Wrap the vehicle 7-pin connector (brown) with a urethane tape.
66. Unplug the vehicle 7-pin connector (white) from the ignition switch and plug in the engine starter harness 7-pin connector (white) as shown. Plug the vehicle 7-pin connector into the engine starter harness 7-pin connector.



67. Place the vehicle 7-pin connector (brown) into the gap of the column.

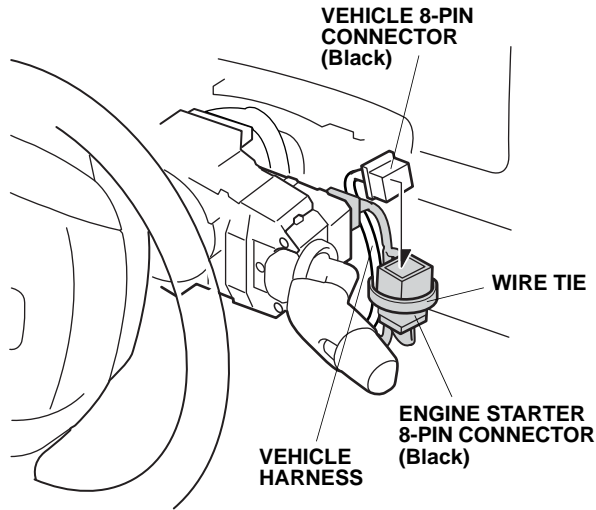


68. Secure the engine starter harness to the vehicle harness with two wire ties.
69. Unplug the vehicle 8-pin connector (black) from the wiper switch. Plug the engine starter harness 8-pin connector to the wiper switch.

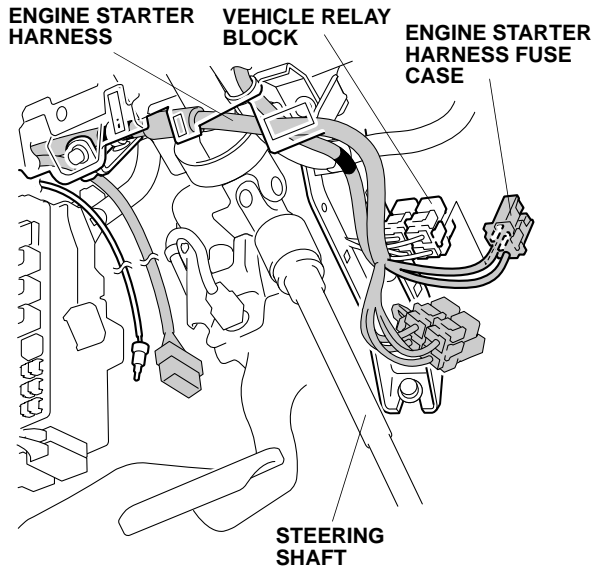




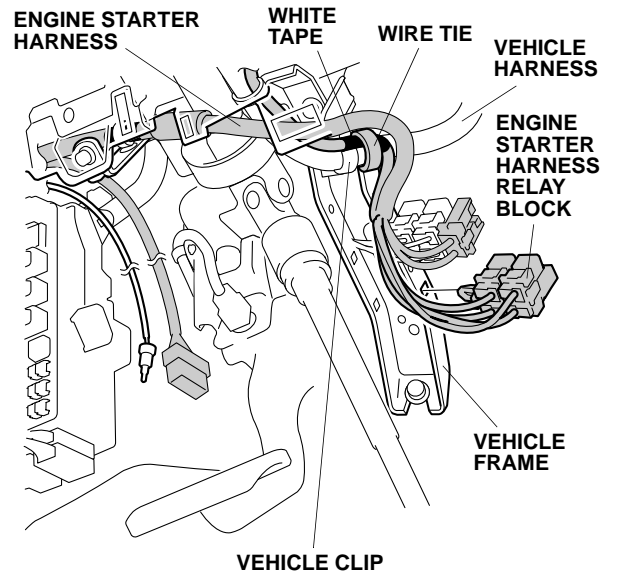
70. Plug the vehicle 8-pin connector (black) to the engine starter harness 8-pin connector.



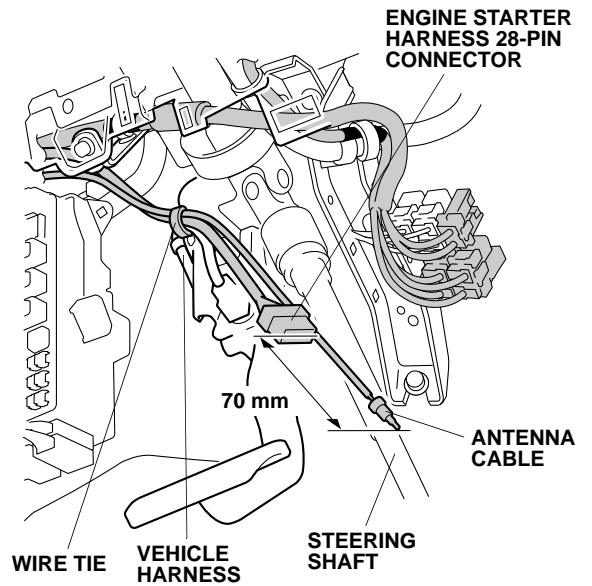
71. Secure the engine starter harness 8-pin connector (black) to the vehicle harness with one wire tie.
72. Install the engine starter harness fuse case on the vehicle relay block.



73. Align the white tape on the engine starter harness to the vehicle clip, and secure the engine starter harness to the vehicle harness with one wire tie.

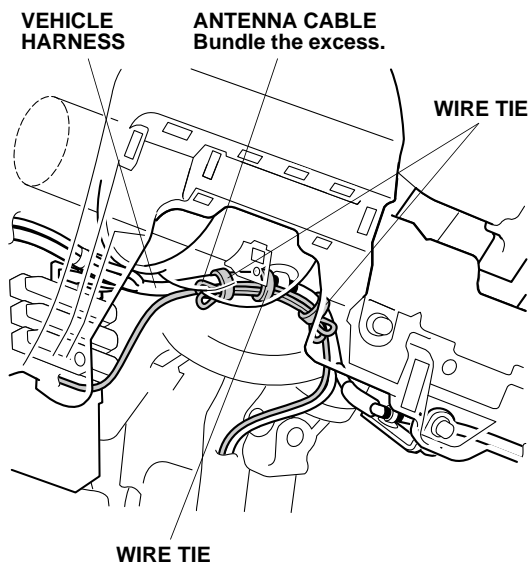


74. Secure the relay block on the engine starter harness to the vehicle frame.
75. Align the antenna cable as shown.



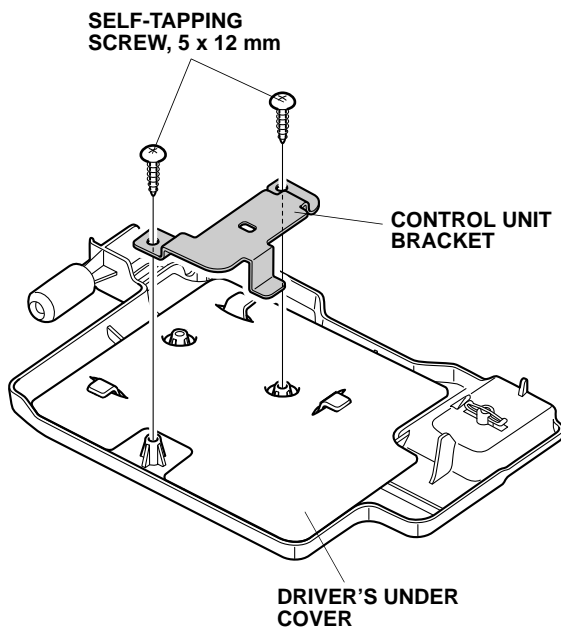
76. Secure the engine starter harness and antenna cable to the vehicle harness with one wire tie.

77. Bundle the excess antenna cable and secure it to the vehicle harness with one wire tie.

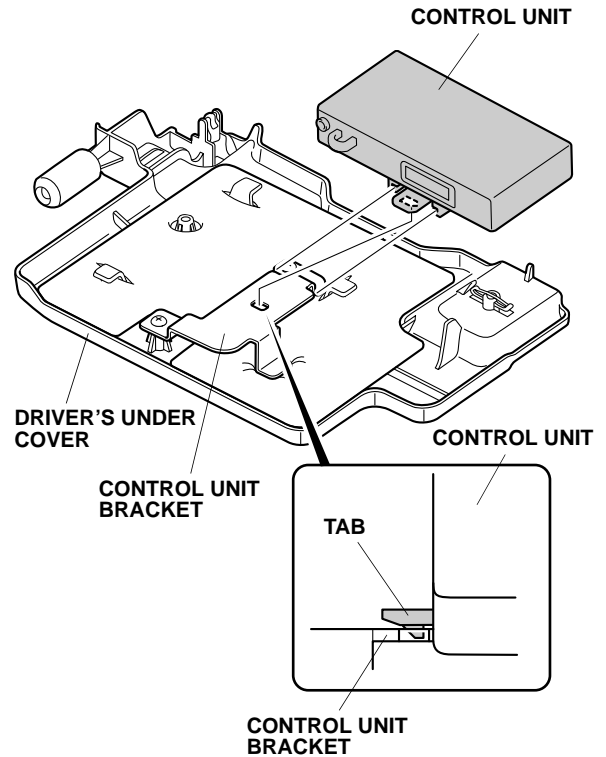


78. Secure the antenna cable to the vehicle harness with two wire ties.

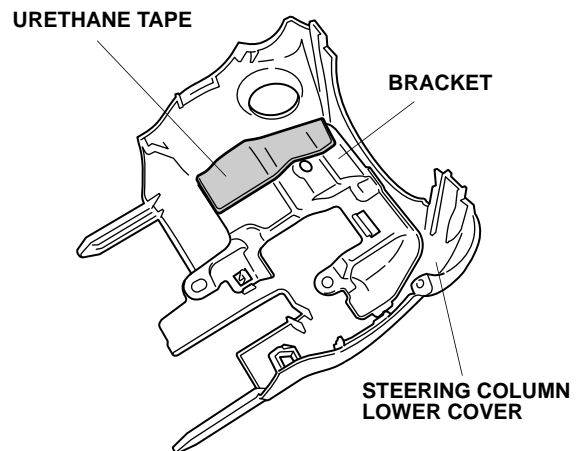
79. Install the control unit bracket on the driver's under cover with two 5 x 12 mm self-tapping screws.



80. Install the control unit to the control unit bracket.



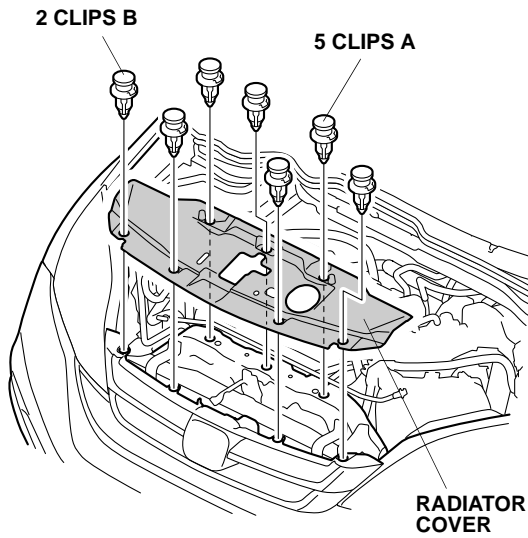
81. Using isopropyl alcohol on a shop towel, thoroughly clean the area where the urethane tape will attach.



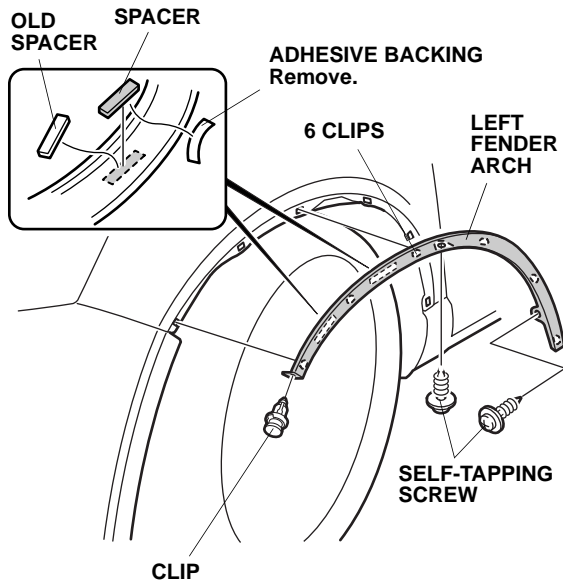
82. Attach a urethane tape to the bracket on the steering column lower cover.

If the vehicle is equipped with a vehicle security system, go to step 101; otherwise, continue with step 83.

83. Remove the radiator cover (five clips A and two clips B).

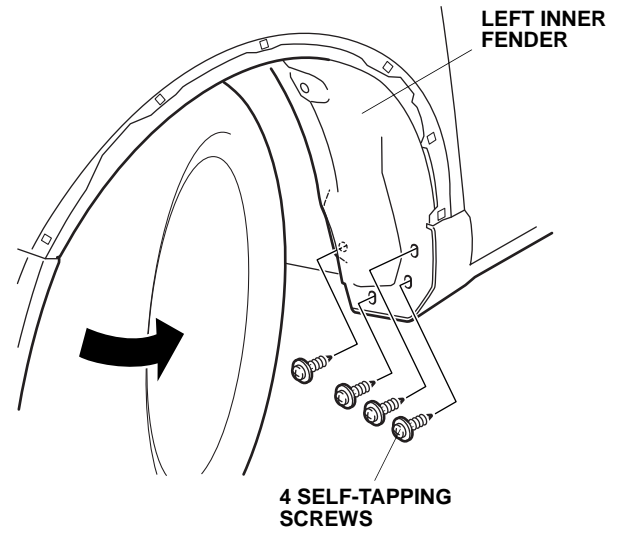


84. Remove the left fender arch (one clip, two self-tapping screws, and six clips).

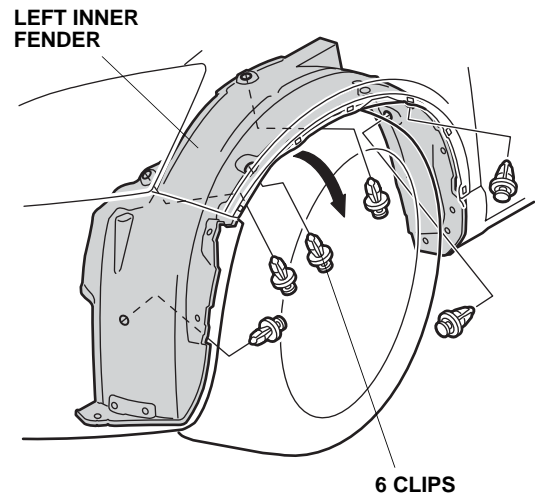


85. Remove two old spacers from the left fender arch.  
 86. Using isopropyl alcohol, thoroughly clean the area where the spacers will attach. Replace the two spacers with new ones.

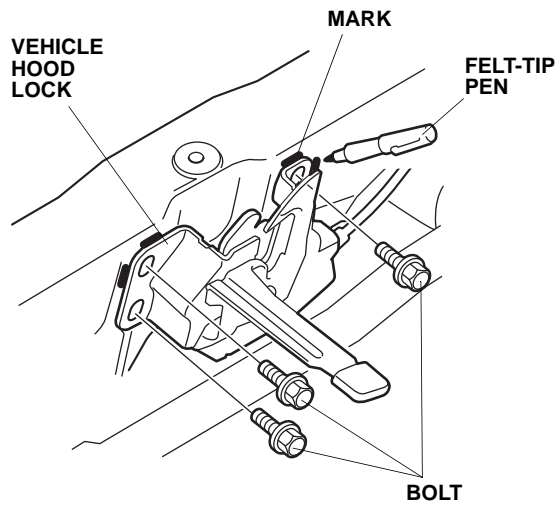
87. Remove four self-tapping screws from the left inner fender.



88. Lower the left inner fender (six clips).

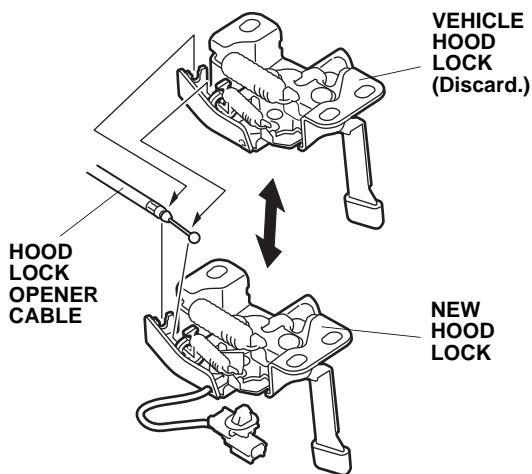


89. Using a felt-tip pen, mark around the vehicle hood lock for reinstallation.



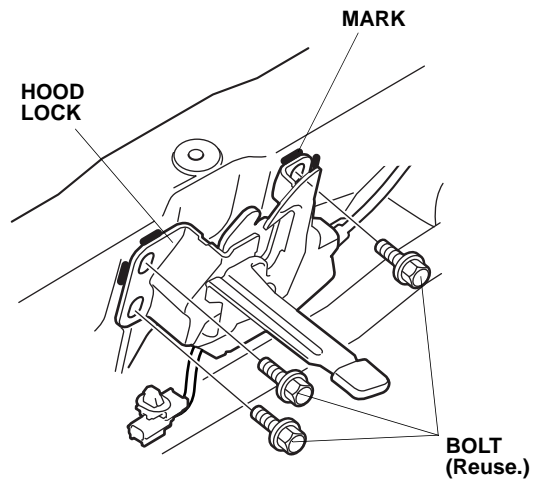
90. Remove the hood lock (three bolts).

91. Remove the hood lock opener cable from the vehicle hood lock.

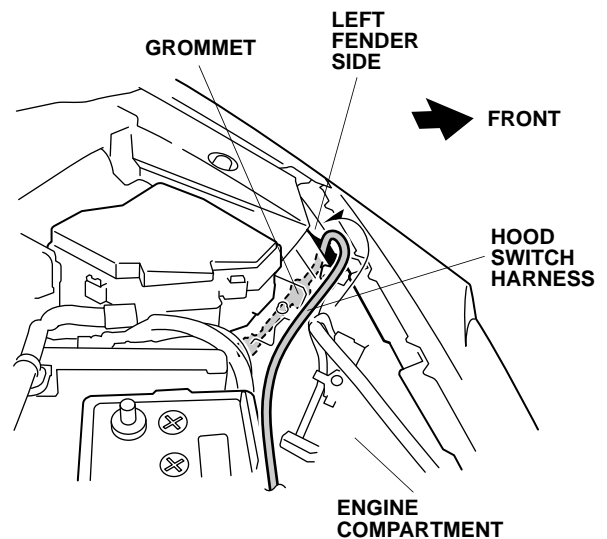


92. Attach the hood lock opener cable to the new hood lock.

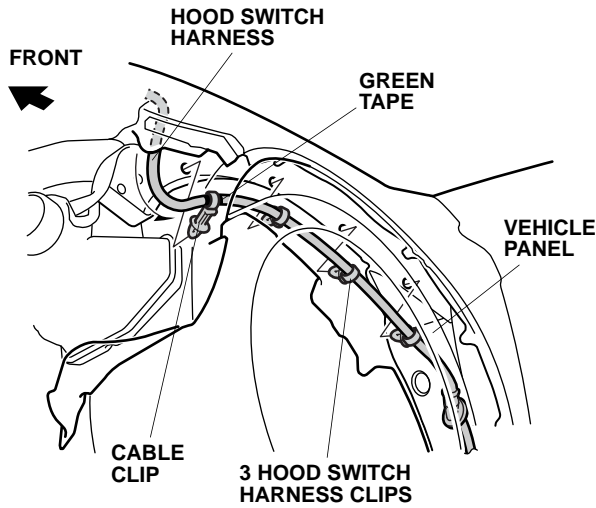
93. Align the new hood lock with the marks you made, and install it with the three bolts you removed. Torque the bolts to 10 N·m (7.2 lbf-ft).



94. Route the grommet end of the hood switch harness from the engine compartment into the left fender as shown.

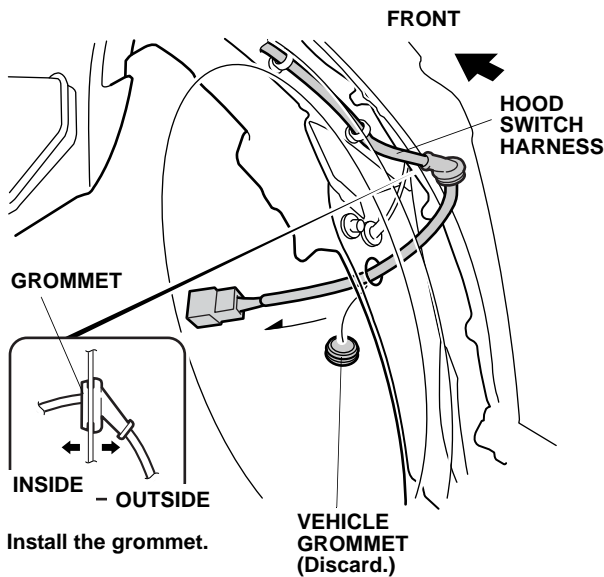


95. Route the hood switch harness. Secure the hood switch harness to the vehicle panel with the three clips installed on the hood switch harness.

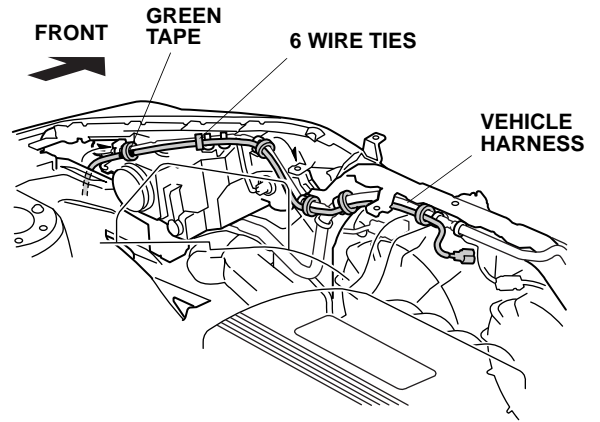


96. Attach the cable clip to the hood switch harness at the green tape, and secure it to the vehicle panel.

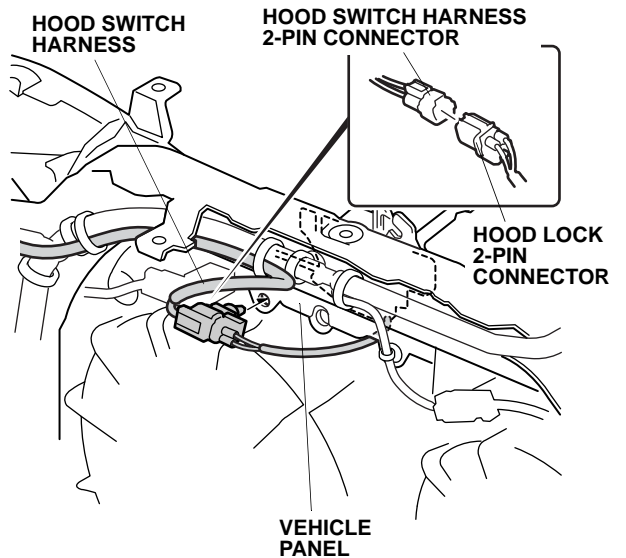
97. Remove the vehicle grommet. Route the hood switch harness 2-pin connector into the interior compartment.



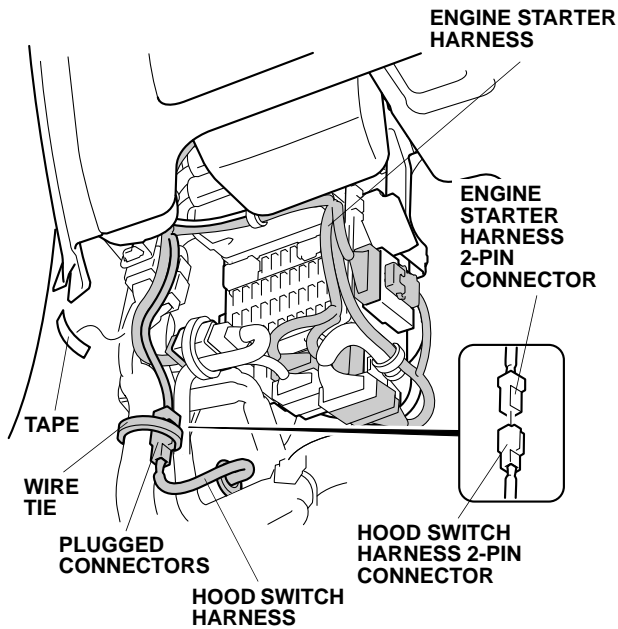
98. Route the hood switch harness along the vehicle harness to the center of the vehicle. Secure the hood switch harness to the vehicle harness with six wire ties.



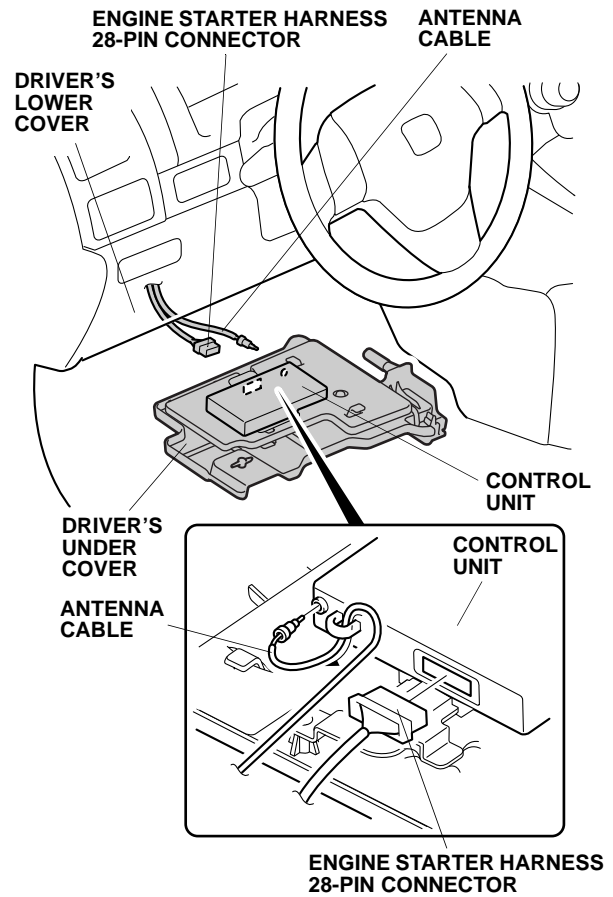
99. Plug the hood lock 2-pin connector to the hood switch harness 2-pin connector and secure the connector to the vehicle panel.



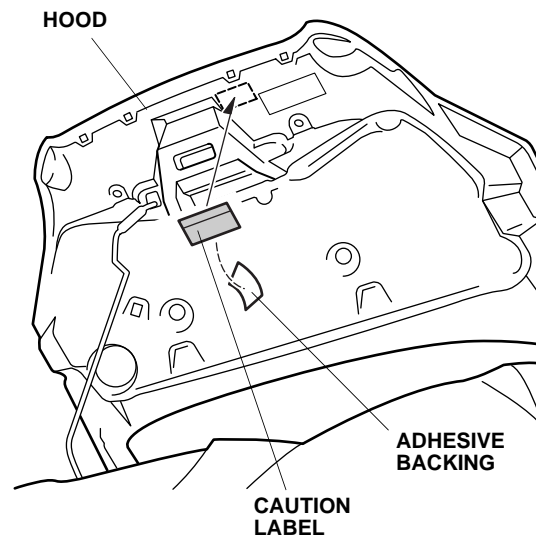
100. Remove the tape and plug the hood switch harness 2-pin connector into the engine starter harness 2-pin connector. Secure the connector to the vehicle harness with one wire tie.



101. Plug the engine starter harness 28-pin connector and antenna cable into the control unit as shown.



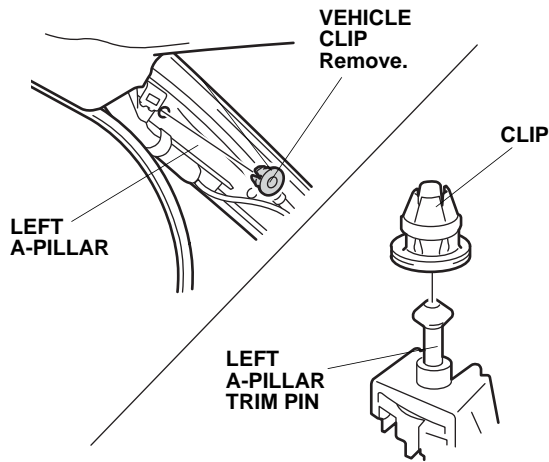
102. Reinstall the driver's lower cover and the driver's under cover.
103. Using isopropyl alcohol on a shop towel, thoroughly clean the area where the caution label will attach.



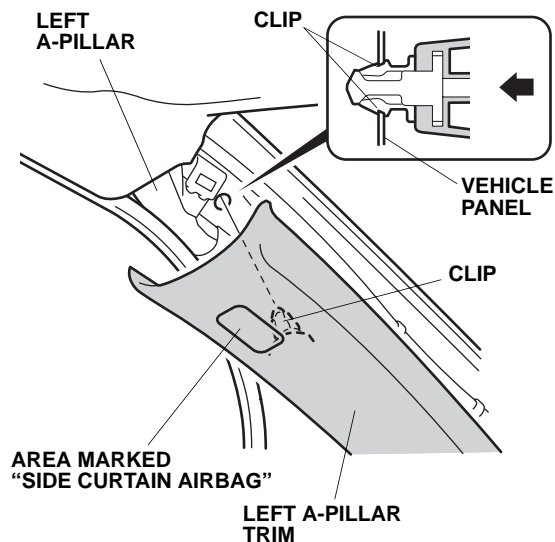
104. Attach the caution label to the hood.

## Reinstalling the Left A-Pillar Trim

105. Check that the left A-pillar trim and the left A-pillar trim pin are not damaged, and install the clip on the pin.



106. Position the clip perpendicular to the hole in the left A-pillar. Install the clip by lightly pushing the left A-pillar trim at the area marked "SIDE CURTAIN AIRBAG".
- Check that the airbag is not pinched by the clip.
  - Do not push the left A-pillar trim excessively.

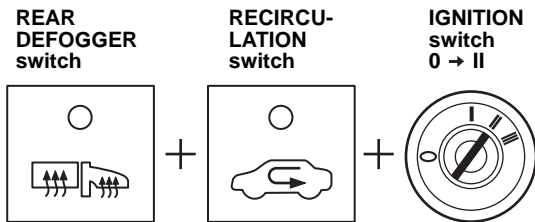


107. Check that all wire harnesses are routed properly and all connectors are plugged in.
108. Reinstall all removed parts. Check that all clips and other fasteners are installed securely.
109. Reconnect the negative cable to the battery.
110. Enter the customer's radio anti-theft code, and reset the radio station presets.
111. Reset the clock.
112. Perform "REMOTE ENGINE STARTER REGISTRATION" and "FUNCTION CHECK."

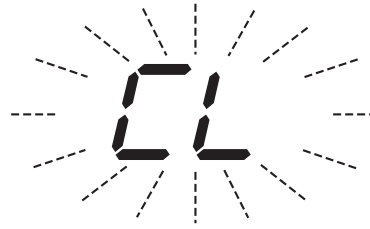
If the vehicle is equipped with automatic climate control, do the following.

### Setting the Automatic Defrost Function

- Setting the automatic defrost function must be done while the vehicle air conditioner is in the OFF position. Turn the air conditioner to the OFF position with the ignition switch in the ON (II) position, then turn the ignition switch to the LOCK (0) position.
- While holding the REAR DEFOGGER switch and the RECIRCULATION switch, turn the ignition switch to the ON (II) position. The “Set temperature and a letter” (CL or AC) on the air conditioner display will blink after 5 seconds, and stay on after 10 seconds. The letter CL indicates that the automatic defrost function is OFF, and the letter AC indicates that the automatic defrost function is ON.



5 Seconds after turning the ignition switch to ON (II)  
(indicating current setting)



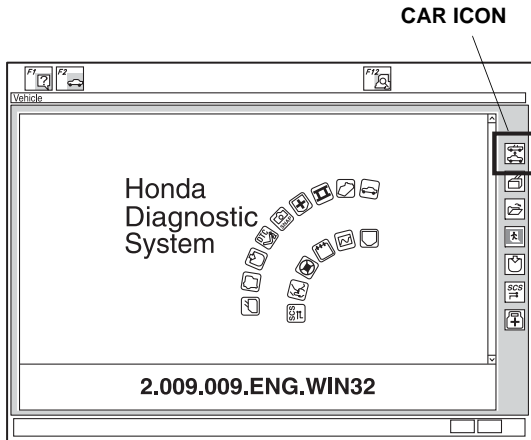
10 Seconds after turning the ignition switch to ON (II)



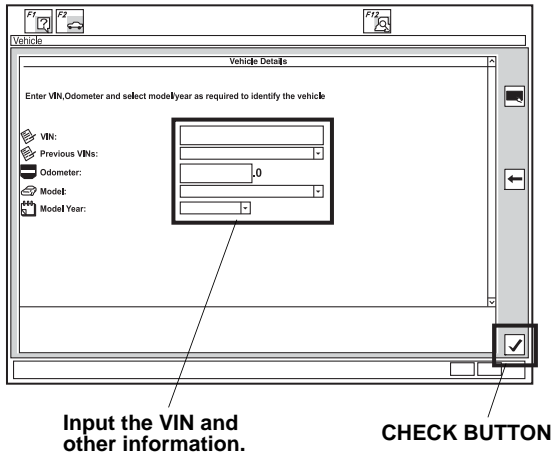


## REMOTE ENGINE STARTER REGISTRATION

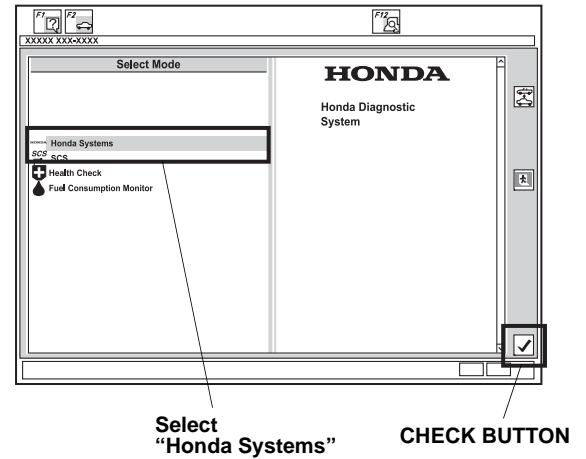
1. Get the PCM Code from ISIS.



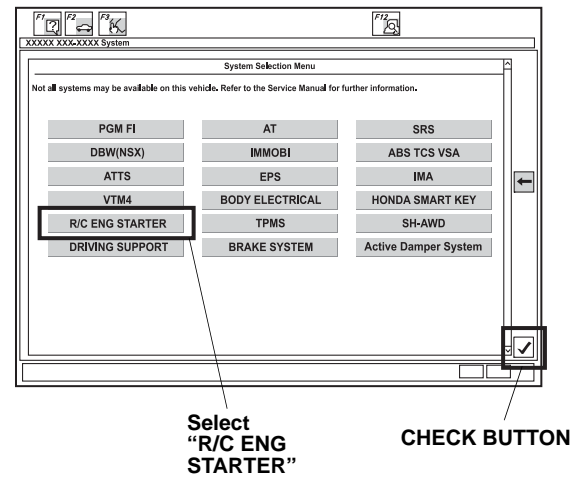
2. Connect the HDS tester to the OBD II data link connector, then turn the ignition switch on.
3. Start the HDS, and click the car icon.
4. Input the VIN and other information, then click the check button.



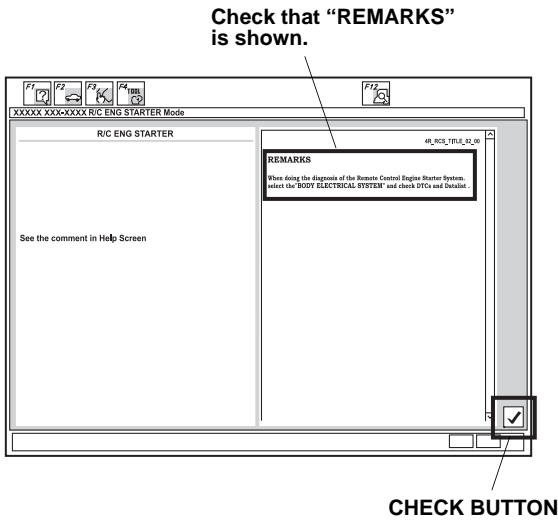
5. Select "Honda Systems," then click the check button.



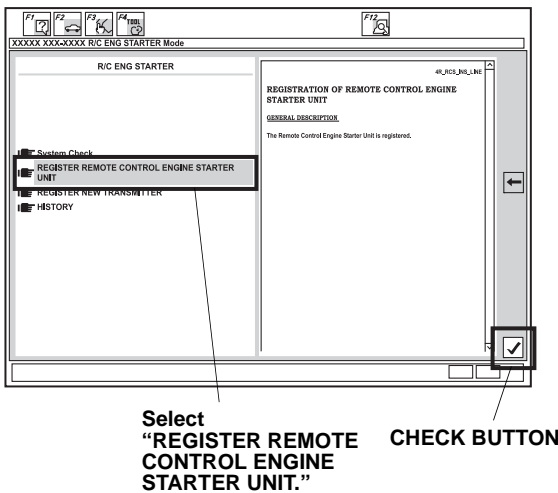
6. Select "R/C ENG STARTER" and click the check button.



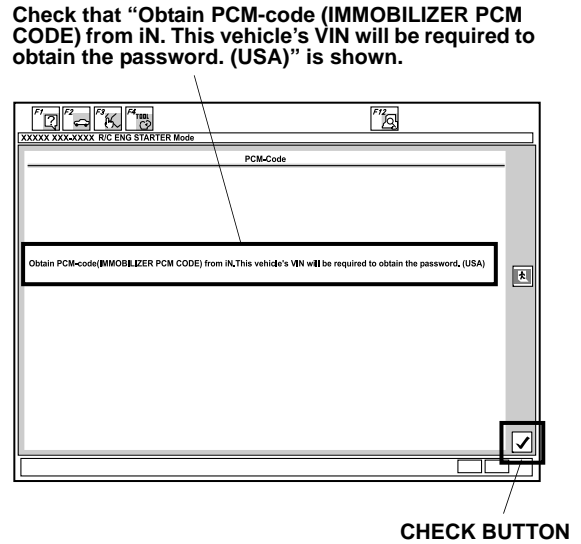
7. Check that "REMARKS" is shown, then click the check button.



8. Select "REGISTER REMOTE CONTROL ENGINE STARTER UNIT," then click the check button.

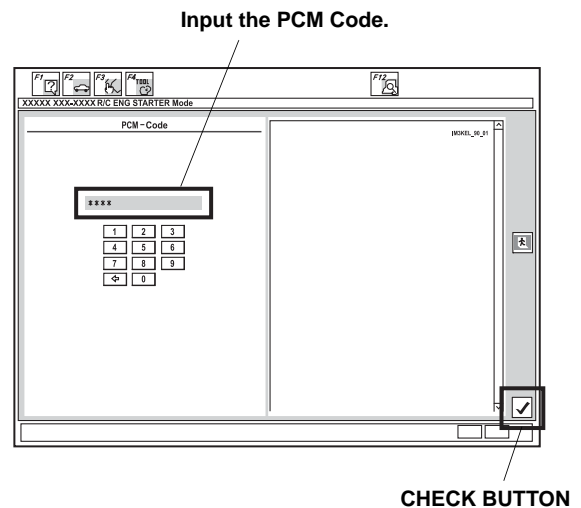


9. Check that "Obtain PCM-code (IMMOBILIZER PCM CODE) from iN. This vehicle's VIN will be required to obtain the password. (USA)" is shown, then click the check button.



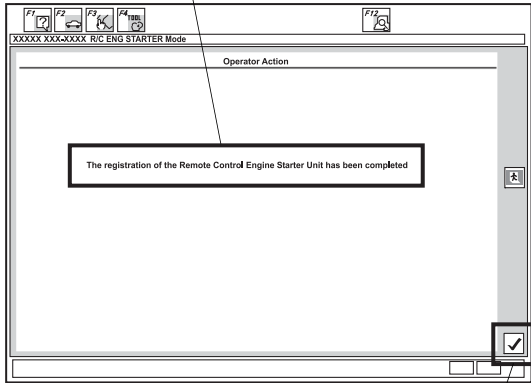
10. Input the PCM Code, then click the check button.
 

**NOTE:** To ensure security, the PCM code (password) is changed every day, so it is impossible to register the remote controlled engine starter if the date of the PCM code acquisition and registration are different. The date of the HDS tester should also be the same.



11. Check that “The registration of the Remote Control Engine Starter Unit has been completed” is shown, then click the check button.

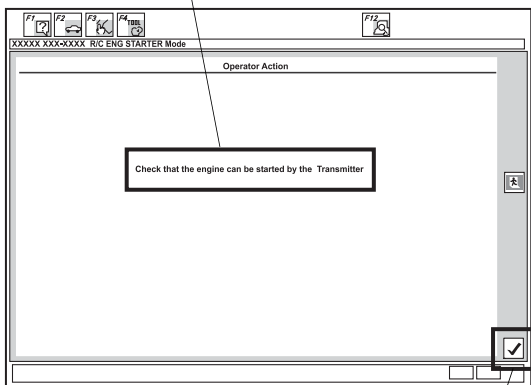
**Check that “The registration of the Remote Control Engine Starter Unit has been completed” is shown.**



**CHECK BUTTON**

12. Check that “Check that the engine can be started by the Transmitter” is shown, then click the check button.

**Check that “Check that the engine can be started by the Transmitter” is shown.**



**CHECK BUTTON**

13. Perform the function test on the next page, then remove the HDS.

## FUNCTION CHECK

### Operating Conditions

- Hood is closed
- Shift lever in park
- The key is out of the ignition
- All doors and tailgate closed and locked

### Inspection

1. Press the command button, and then, within 1 second, press the start button on the transmitter.  
The engine should start if all operating conditions are met.

Does the engine start?

**Yes - Operation is normal.**

**No:**

- **Make sure all “Operating Conditions” are met.**
- **Check the engine starter harness connections.**
- **Connect the HDS and check for an indicated failure.**  
**(Refer to the appropriate service manual for details.)**

2. Press the command button on the transmitter and, within 1 second, press the stop button. The engine should stop.

Does the engine stop?

**Yes - Operation is normal.**

**No - Check the engine starter harness connections.**

3. After the engine has stopped, start the engine again, and check that the engine stops after each of the following conditions:

NOTE: After each test the ignition key must be cycled, or the driver's door must be opened and closed

- Move the shift lever out of the P position.
- Unlock or open the doors or the tailgate.
- Open the hood.
- Insert the key in the ignition.
- Press on the brake pedal.

Does the engine stop after each of these tests?

**Yes - Operation is normal.**

**No - Check the engine starter harness connections.**

4. Check that the power windows and the moonroof do not function and the shift lever does not move to any position but the P position when the engine is started with the transmitter.
5. Press the command button on the transmitter two times and check the vehicle condition on the display.
6. Check the operation of the transmitter when the vehicle is 100 m to 150 m (325 to 490 ft.) away, and in direct sight.

