



INSTALLATION INSTRUCTIONS

Accessory
REMOTE CONTROL ENGINE STARTER

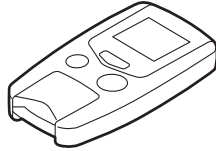
Application
2012 TL

Publications No.
BII 45421
Issue Date
MAR 2011

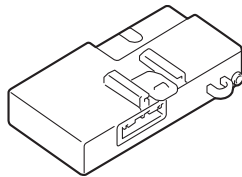
PARTS LIST

Remote Control Engine Starter Unit Kit P/N 08E91-TK4-200A

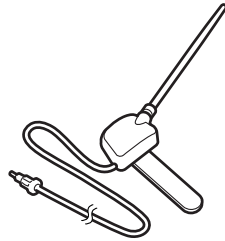
Transmitter



Control unit



Antenna



Key ring



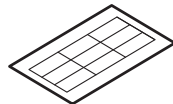
Protective tape



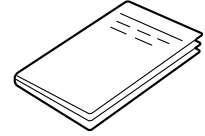
Caution label



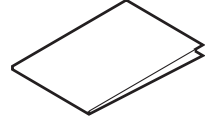
Fuse label



Accessory User's Information Manual

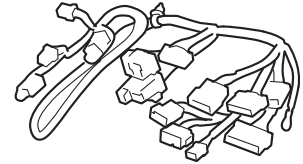


Quick Start Guide

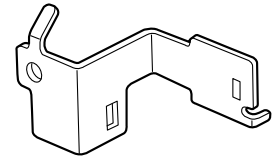


Remote Control Engine Starter Attachment Kit P/N 08E92-TK4-200C

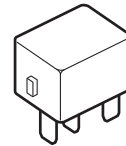
Engine starter harness



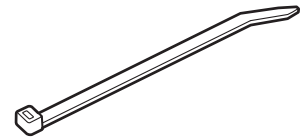
Control unit bracket



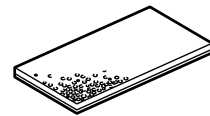
3 Relays



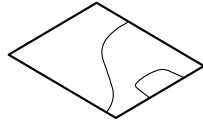
21 Wire ties



6 Urethane tapes



Template



A-pillar clip



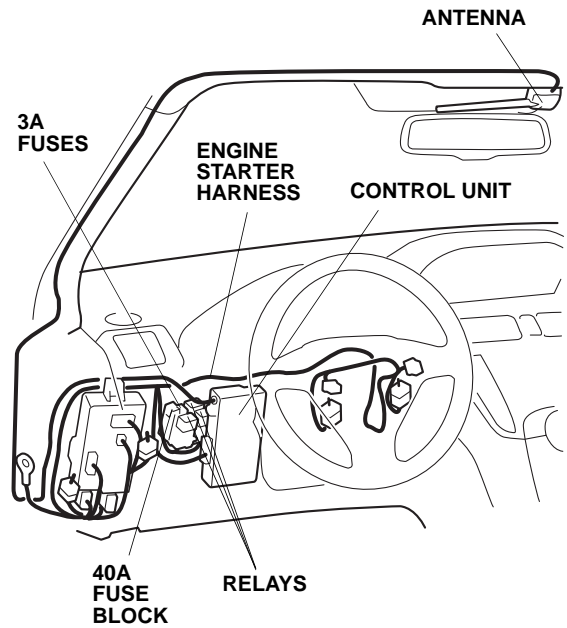
Flange nut



TOOLS AND SUPPLIES REQUIRED

Phillips screwdriver
Flat-tip screwdriver
Small flat-tip screwdriver
Ratchet
10 mm and 12 mm Sockets
10 mm Combination wrench
Diagonal cutters
Isopropyl alcohol
Shop towel
Tape measure
Scissors
Rubber mallet
HDS
Masking tape
2 Pairs of needle nose pliers
Plastic Trim Tool (T/N SILTRIMTL10)
Ruler

Illustration of the Remote Control Engine Starter Installed in the Vehicle



INSTALLATION

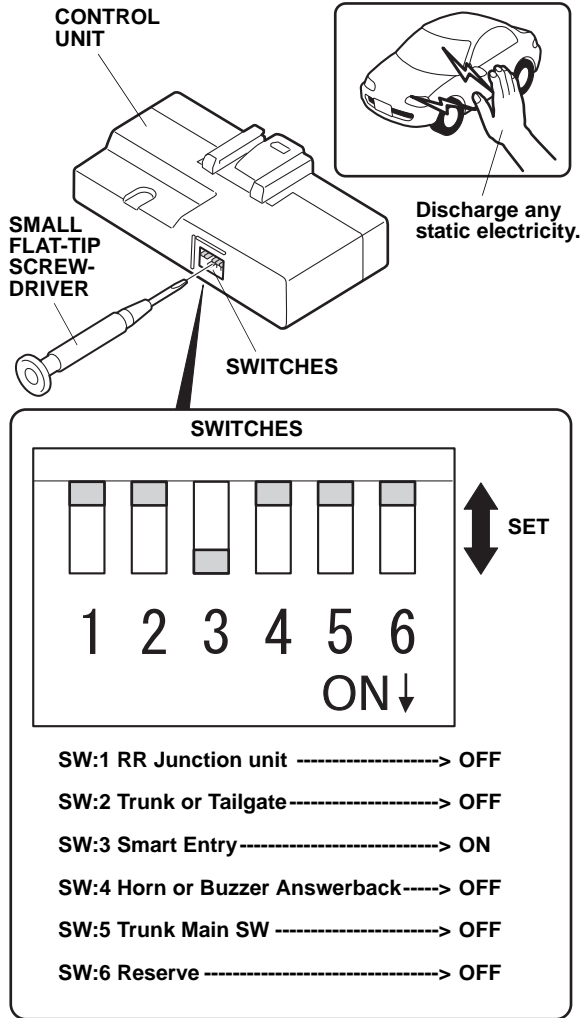
Client Information: The information in this installation instruction is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely add equipment to your vehicle. These procedures should not be attempted by “do-it-yourselfers.”

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 codes for the audio and navigation system (if equipped), then write down the audio presets.

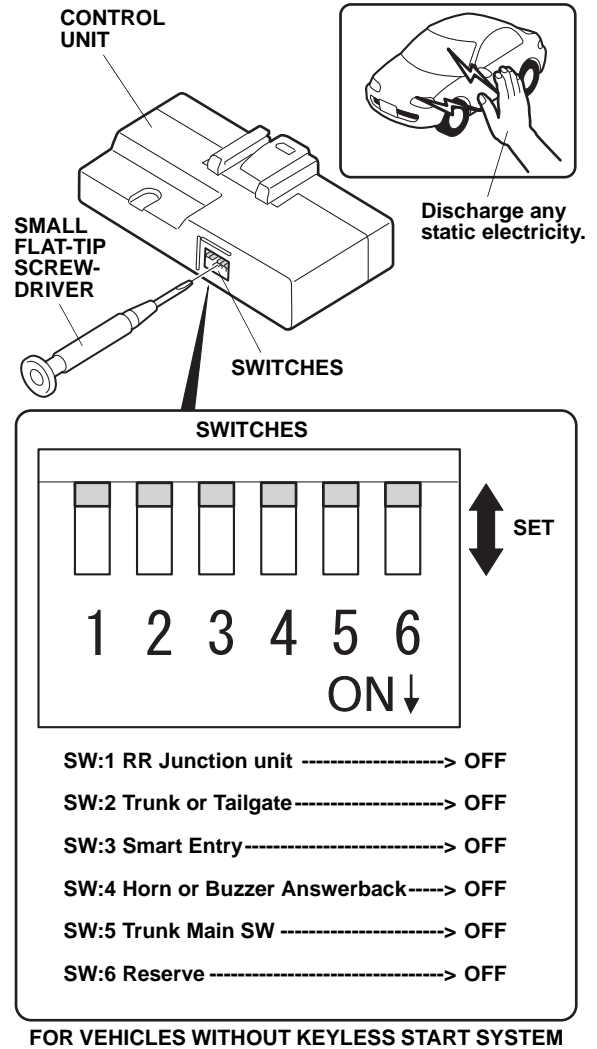
If the vehicle is equipped with the keyless start system, go to step 2; if not, go to step 4.

- Check the settings of the switches on the control unit.
NOTE: If the switch settings are not correct, the remote control engine starter will not operate correctly.



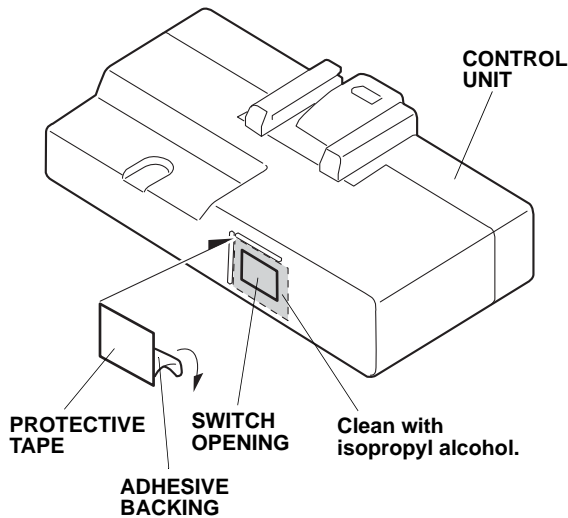
- Using a small flat-tip screw driver, set the switches on the control unit as shown. Go to step 6.
NOTE:
 - Set the switches before plugging in the control unit.
 - If you are setting the switches with the control unit installed in the vehicle, touch the metal part of the screwdriver to any metal part of the vehicle to discharge any static electricity.
 - If you change the switch settings with the unit connected, you must disconnect the unit, then reconnect it before the new settings are recognized.

- Check the settings of the switches on the control unit.
NOTE: If the switch settings are not correct, the remote control engine starter will not operate correctly.

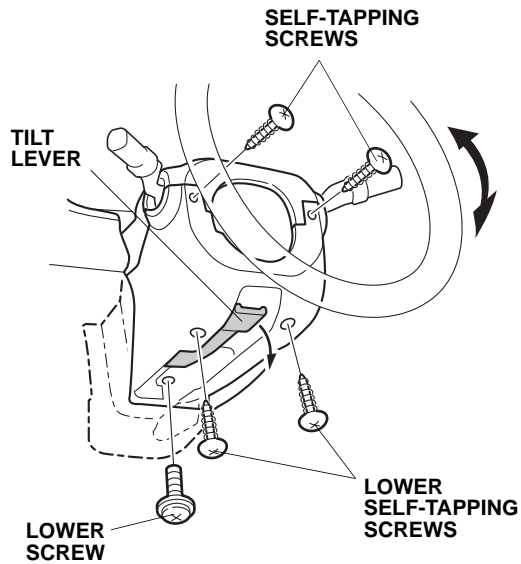


- Using a small flat-tip screw driver, set the switches on the control unit as shown.
NOTE:
 - Set the switches before plugging in the control unit.
 - If you are setting the switches with the control unit installed in the vehicle, touch the metal part of the screwdriver to any metal part of the vehicle to discharge any static electricity.
 - If you change the switch settings with the unit connected, you must disconnect the unit, then reconnect it before the new settings are recognized.

6. Using isopropyl alcohol on a shop towel, clean the control unit where the protective tape will attach. Remove the adhesive backing, and attach the protective tape to the control unit over the switch opening.

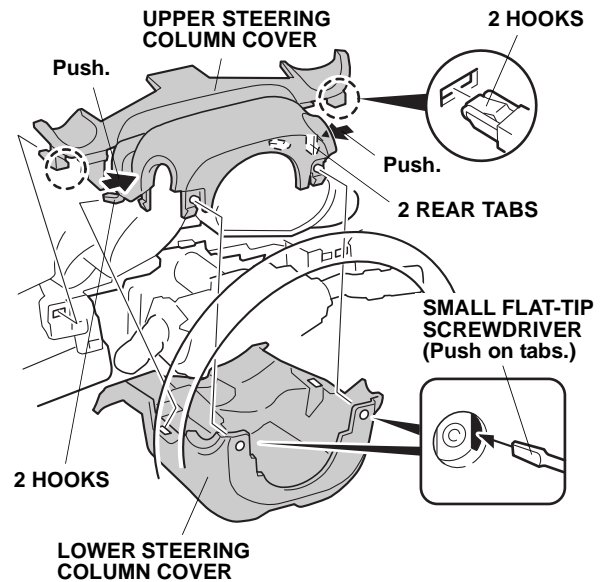


7. Lower the tilt lever and pull the steering wheel out. Remove the two lower self-tapping screws and the lower screw.

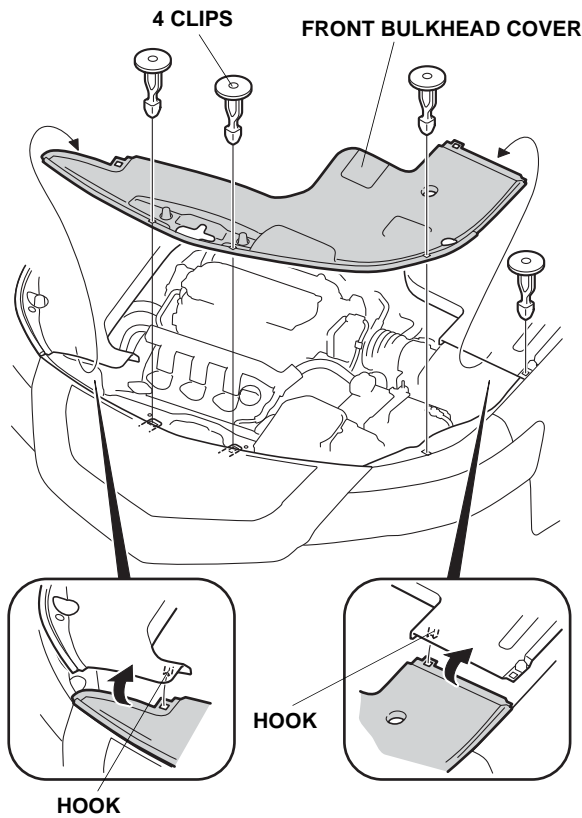


8. Turn the steering wheel as necessary to access each self-tapping screw, and remove the two self-tapping screws.

9. Remove the upper steering column cover and the lower steering column cover:
- Starting with the left side, use a small flat-tip screwdriver to push in to release the tab, then push in on the side of the upper steering column cover in the area shown to release the rear tab.
 - Shift the column covers to the right, and repeat the same procedure.
 - Release the four hooks, and remove the upper steering column cover and the lower steering column cover.



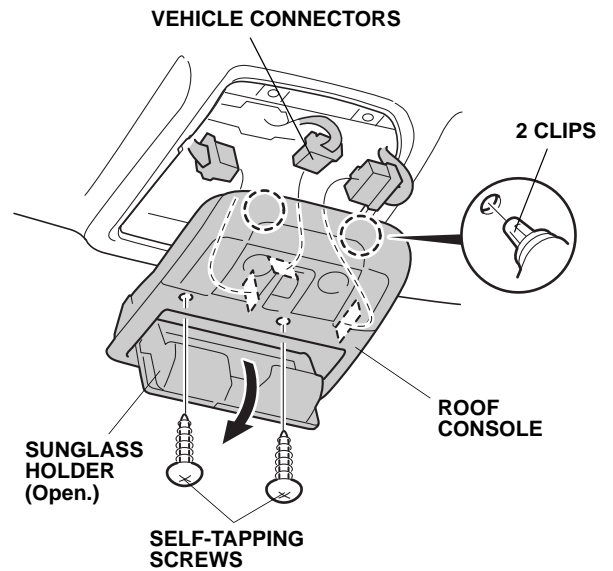
10. Open the hood. Remove the front bulkhead cover (four clips and two hooks).



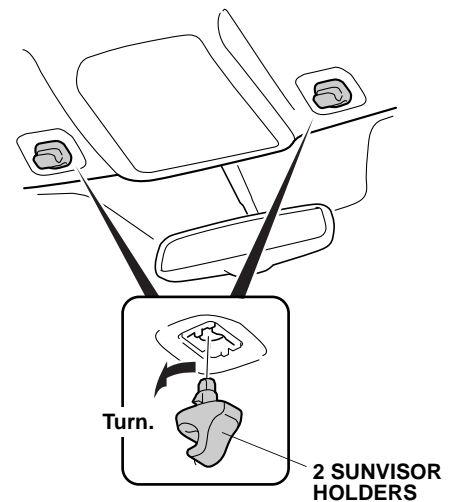
11. Disconnect the negative cable from the battery.

12. Remove the roof console:

- Open the sunglass holder, and remove two self-tapping screws.
- Release two clips, and pull the roof console toward you.
- Unplug the vehicle connectors to remove the roof console.

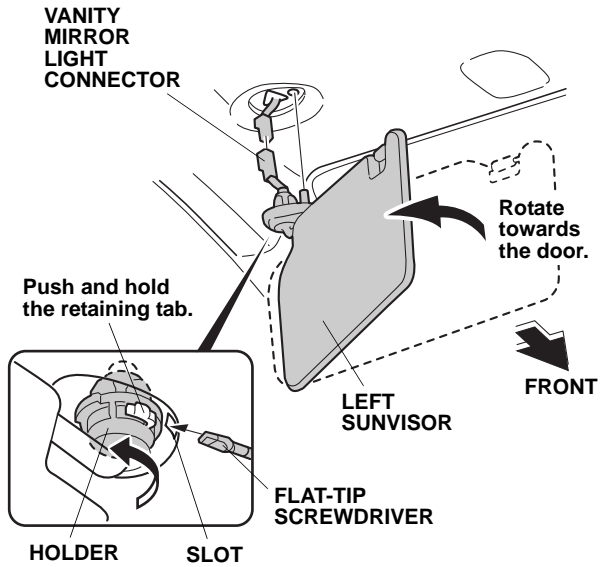


13. Remove the two sunvisor holders by turning each holder 45°.

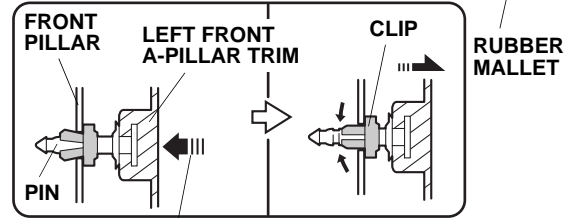
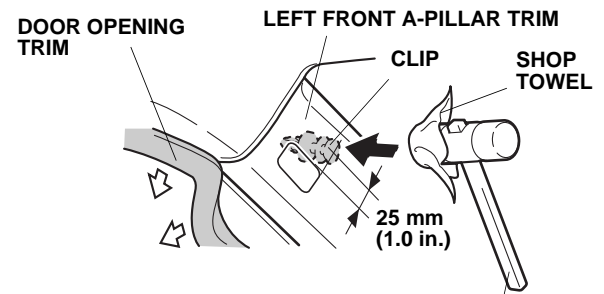


14. Remove the left sunvisor.
 - Pivot the left sunvisor downward.
 - Locate the slot in the sunvisor holder, and insert a flat-tip screwdriver into the slot. Push in and hold the retaining tab.
 - While holding the retaining tab, rotate the sunvisor toward the door to remove it.
 - Unplug the vanity mirror light connector.

NOTE: If the retaining tab did not stay pushed in, return the left sunvisor to its original position and repeat the steps above.

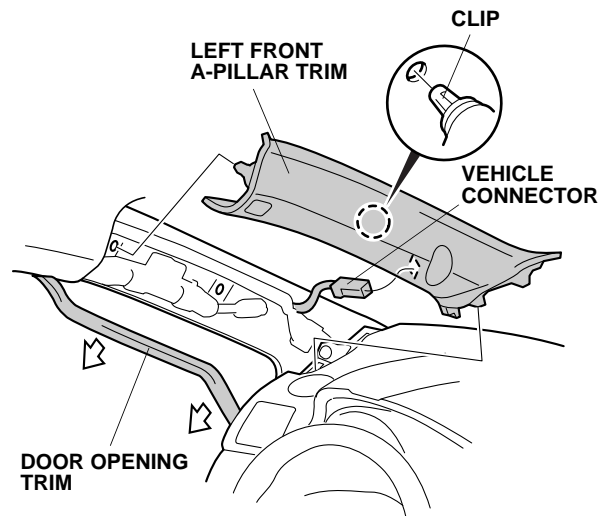


15. Pull away the door opening trim from the left front A-pillar trim.

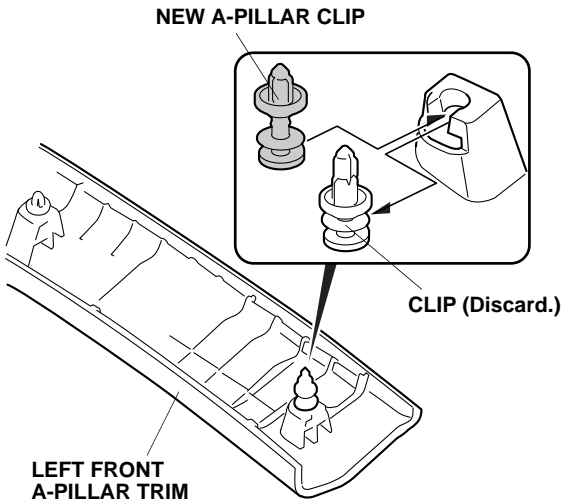


Strike perpendicularly to the vehicle.

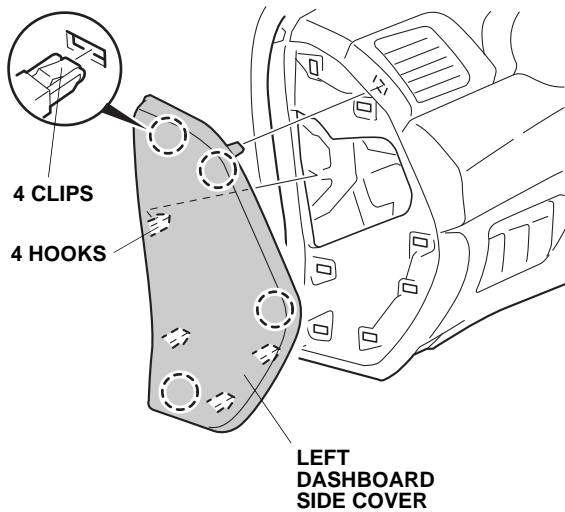
16. Using a rubber mallet and a shop towel, tap the left front A-pillar trim at the position shown to release the clip.
17. Pull away the door opening trim, and remove the left front A-pillar trim (one clip, and unplug the vehicle connector).



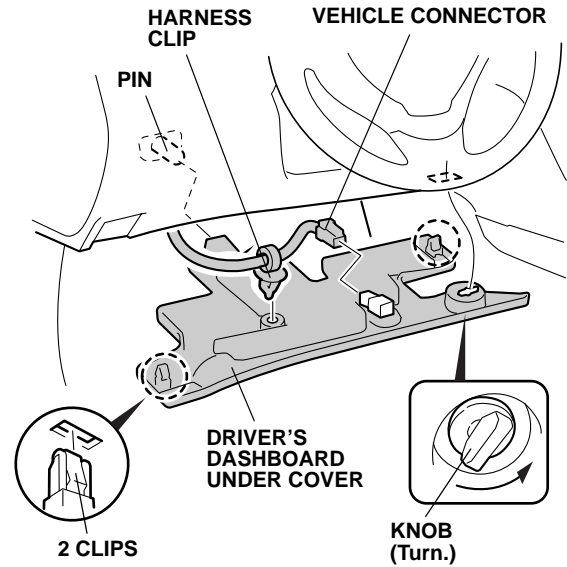
18. Remove and discard the clip from the left front A-pillar trim, and install a new A-pillar clip (supplied).



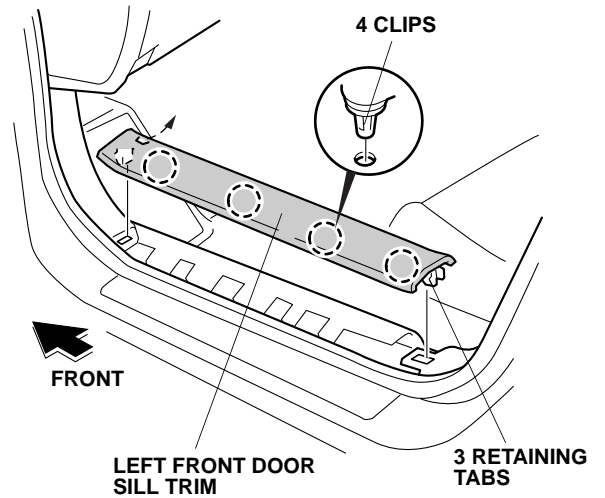
19. Using a plastic trim tool, remove the left dashboard side cover (four clips and four hooks).



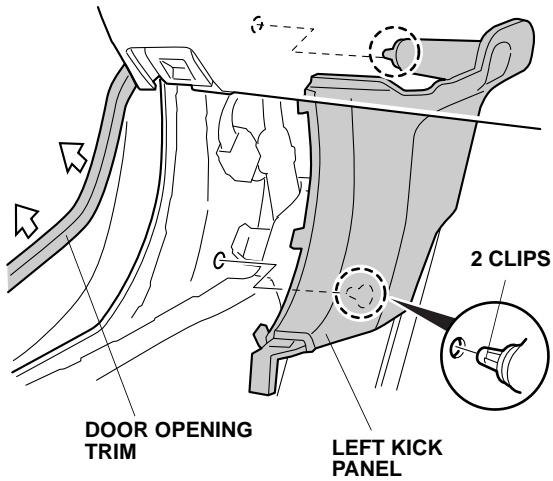
20. Remove the driver's dashboard under cover:
- Turn the knob counterclockwise.
 - Release two clips and one pin, then pull the driver's dashboard under cover toward you.
 - Unplug the vehicle connector, and release the harness clip to remove the driver's dashboard under cover.



21. Remove the left front door sill trim (four clips and three retaining tabs).

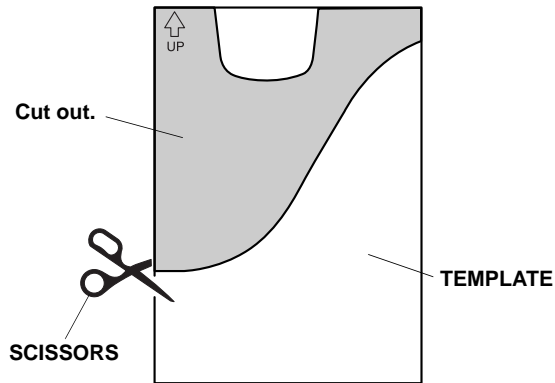


22. Pull away the door opening trim, and remove the left kick panel (two clips).

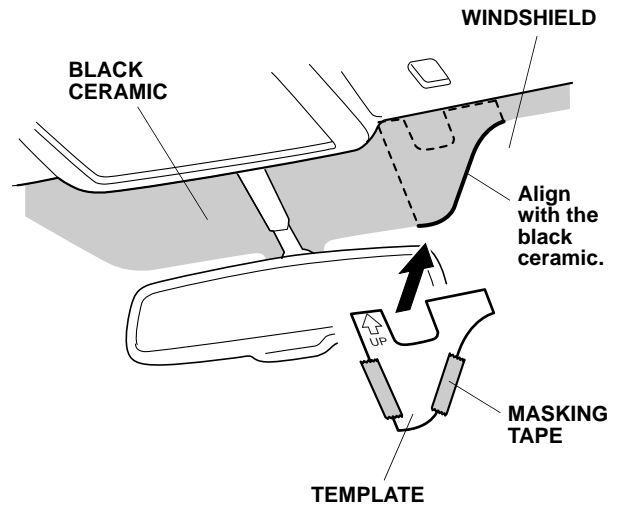


Installing the Antenna

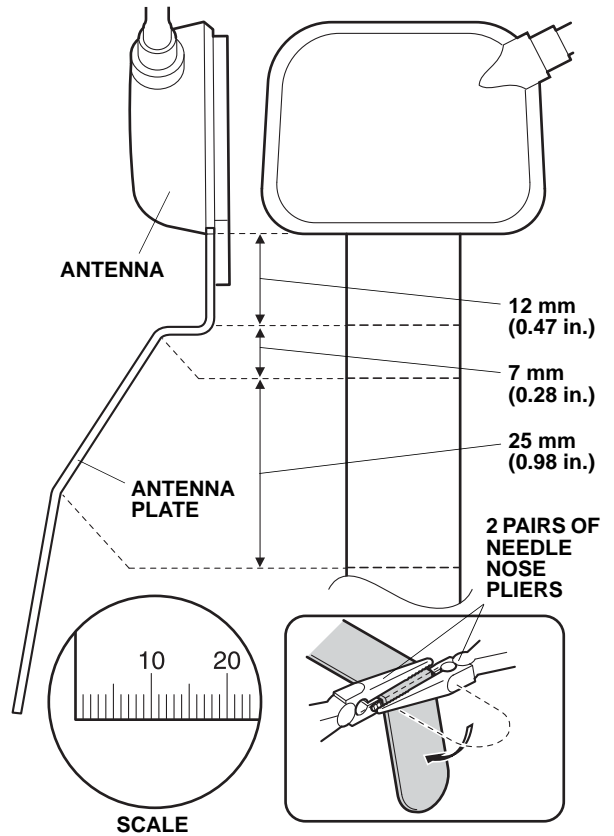
23. Using scissors, cut out the template.



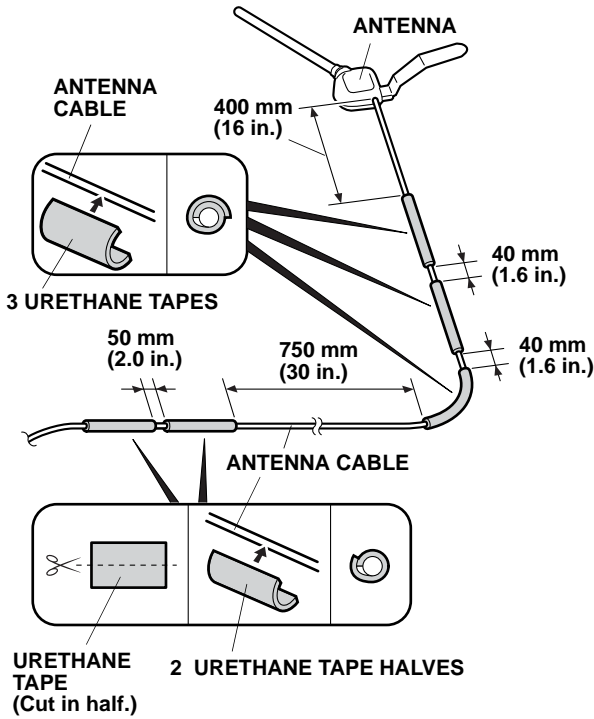
24. Using masking tape, attach the template to the windshield. Align with the black ceramic as shown.



25. Bend the antenna plate according to the full scale drawing shown. Use two pairs of needle nose pliers as shown.

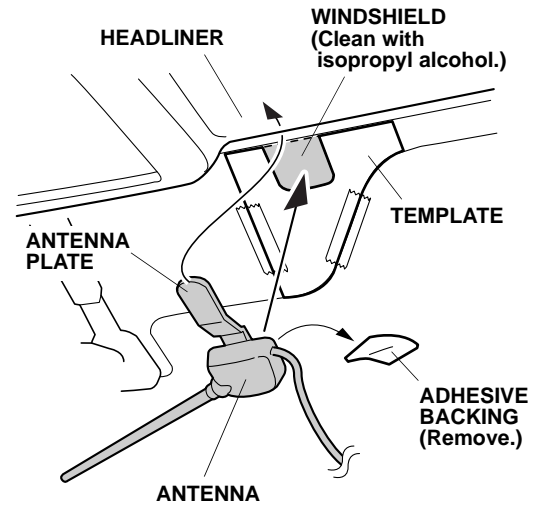


26. Starting at the antenna end of the cable, wrap three urethane tapes around the antenna cable at the measurements shown.

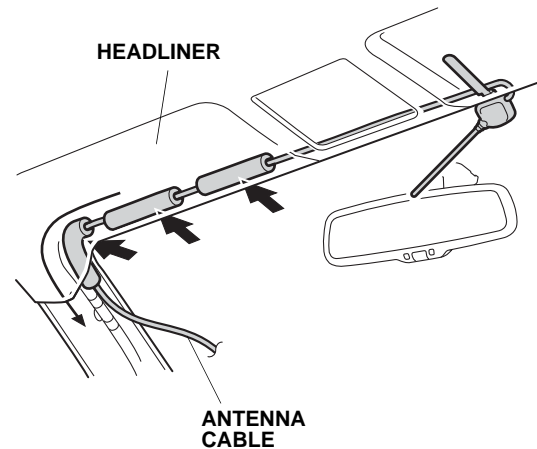


27. Using scissors, cut one urethane tape in half. Wrap the two halves of the urethane tape around the antenna cable at the measurements shown.

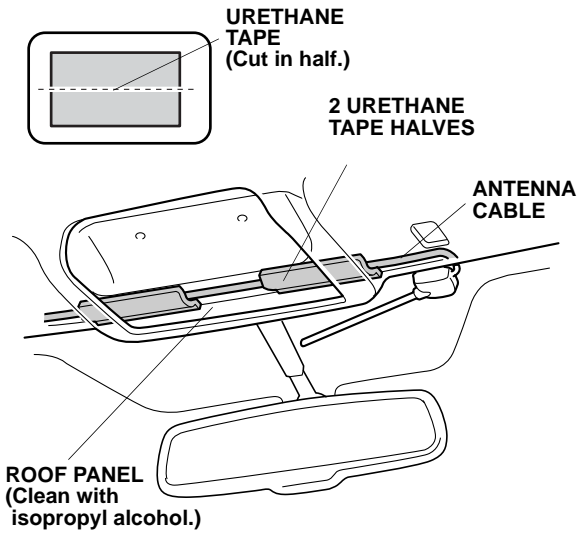
28. Using isopropyl alcohol on a shop towel, clean the area where the antenna will attach.



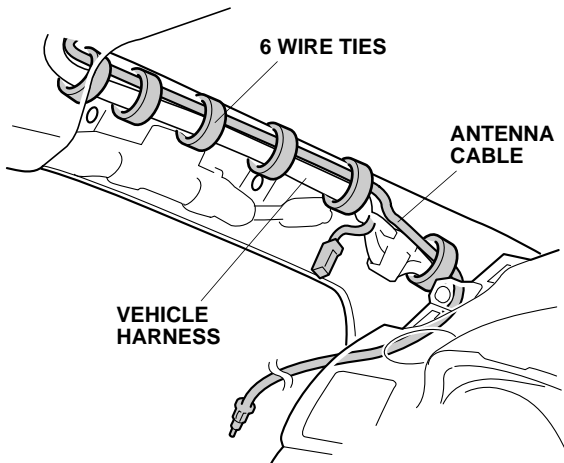
29. Remove the adhesive backing from the antenna. Insert the antenna plate behind the headliner, align the antenna with the template, and attach the antenna to the windshield. Make sure the antenna is attached firmly to the windshield.
30. Remove the template.
31. Route the antenna cable towards the driver's side of the vehicle. Gently pull down the headliner, and tuck the antenna cable behind it. Be careful not to crease the headliner.



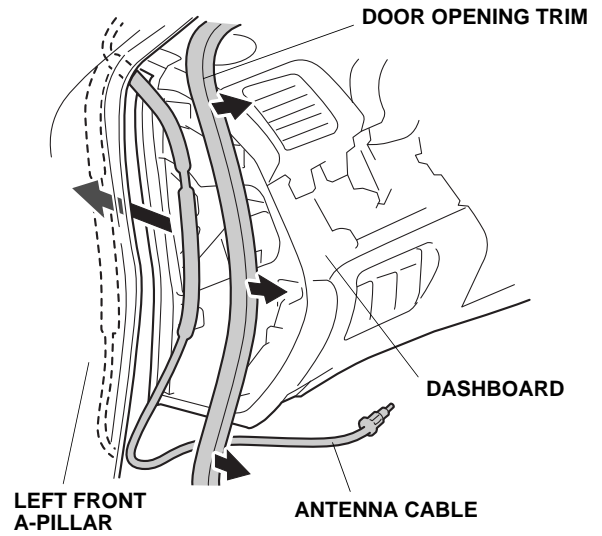
32. Using isopropyl alcohol on a shop towel, clean the area where the urethane tapes will attach.



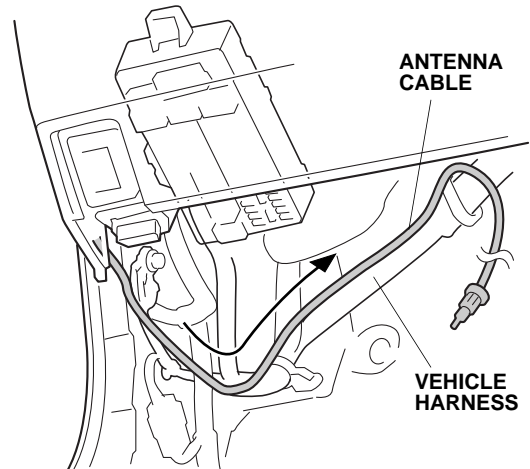
33. Using scissors, cut one urethane tape in half. Secure the antenna cable to the roof panel with the two halves of urethane tape.
34. Secure the antenna cable to the vehicle harness with six wire ties.



35. Pull away the door opening trim from the left front A-pillar. Route the antenna cable down next to the dashboard, and tuck the antenna cable between the left front A-pillar and the dashboard. Reinstall the door opening trim.

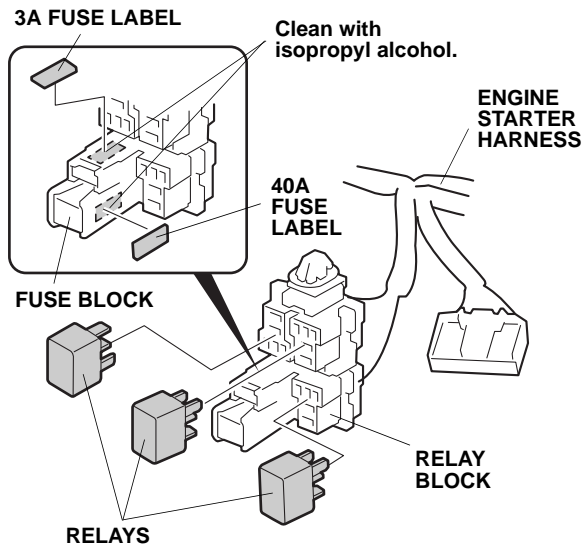


36. Route the antenna cable along the vehicle harness as shown.

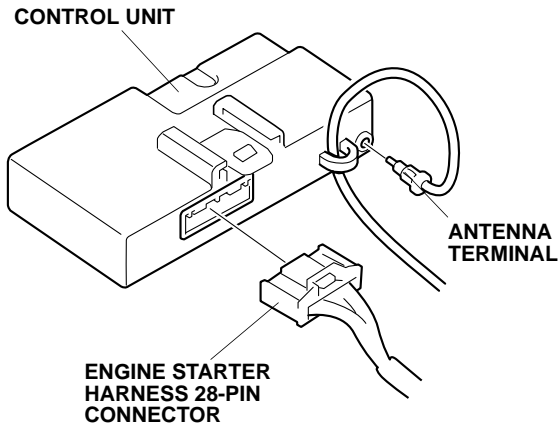


Routing the Engine Starter Harness

37. Using isopropyl alcohol on a shop towel, clean the area where the fuse labels will attach.

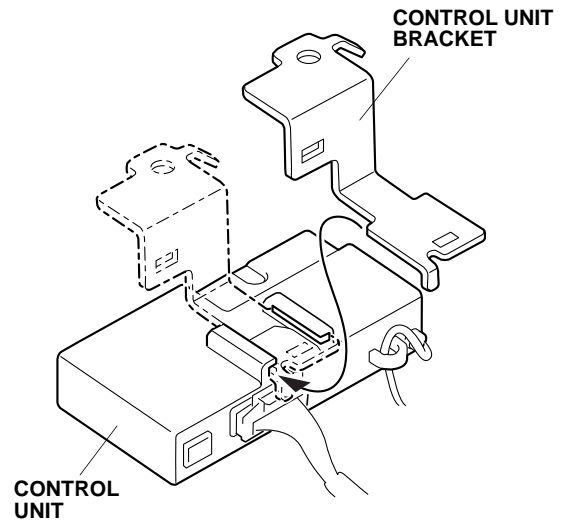


38. Attach the 40A and 3A fuse labels to the engine starter harness fuse block.
39. Install the three relays on the engine starter harness relay block.
40. Plug the antenna terminal into the control unit.

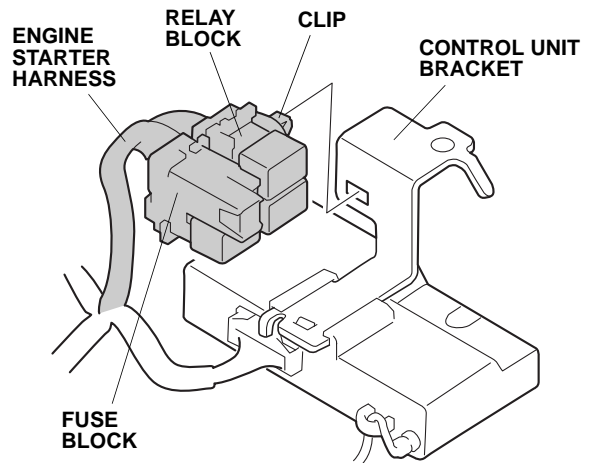


41. Plug the engine starter harness 28-pin connector into the control unit.

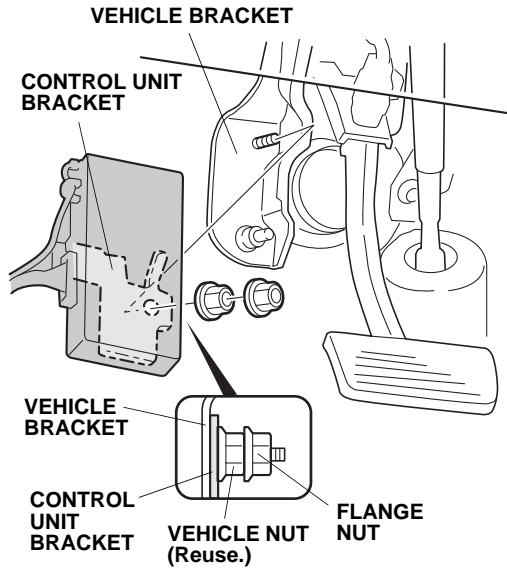
42. Install the control unit bracket to the control unit.



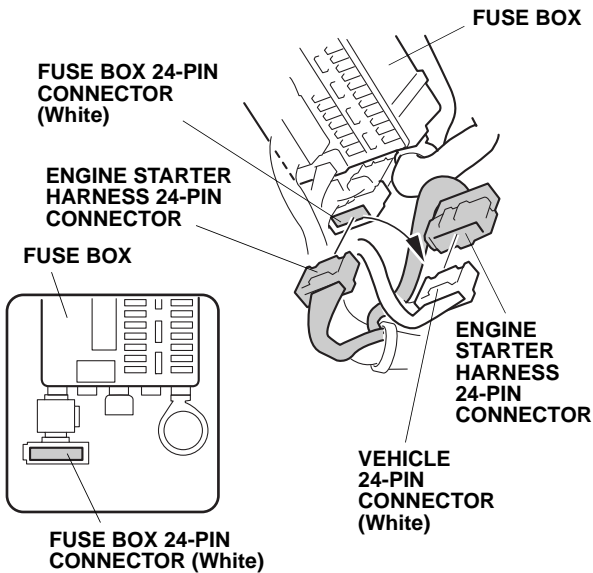
43. Attach the engine starter harness relay and fuse blocks onto the control unit bracket.



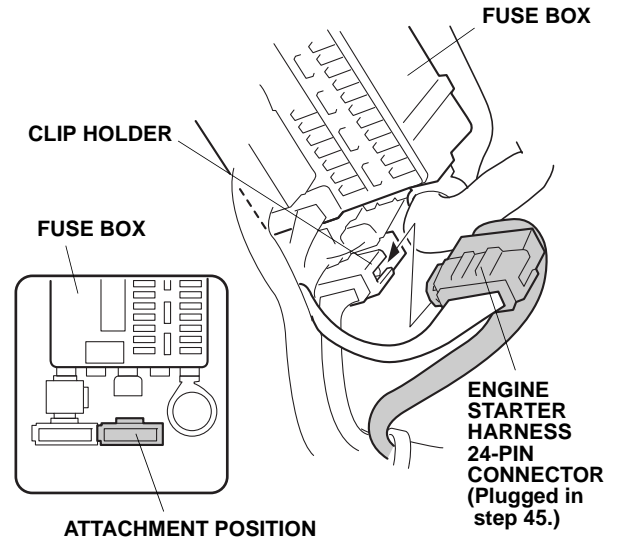
44. Remove the vehicle nut from the vehicle bracket, and secure the control unit bracket to the vehicle bracket with one flange nut and one vehicle nut.



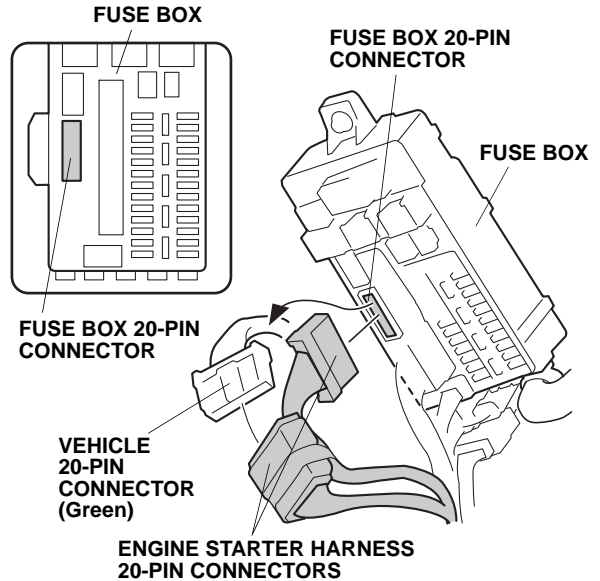
45. Unplug the vehicle 24-pin connector (White) from the bottom of the fuse box, and plug it into the engine starter harness 24-pin connector. Plug the remaining engine starter harness 24-pin connector into the fuse box 24-pin connector (White).



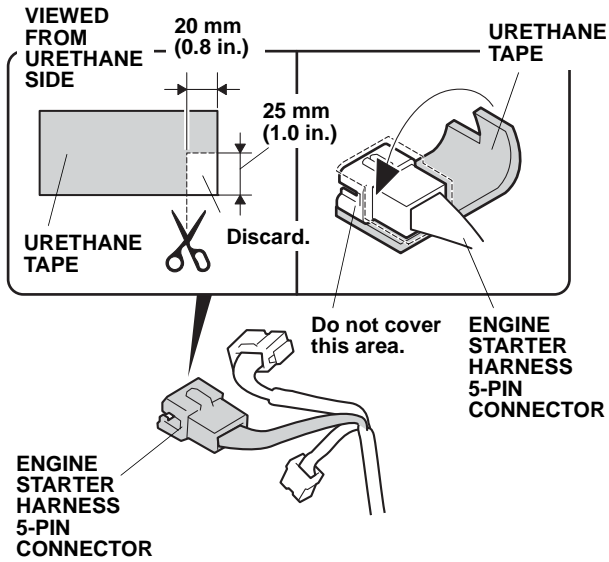
46. Attach the clip on the engine starter harness 24-pin connector to the clip holder on the bottom of the fuse box as shown.



47. Unplug the vehicle 20-pin connector (Green) from the fuse box, and plug it into the engine starter harness 20-pin connector. Plug the remaining engine starter harness 20-pin connector into the fuse box 20-pin connector.

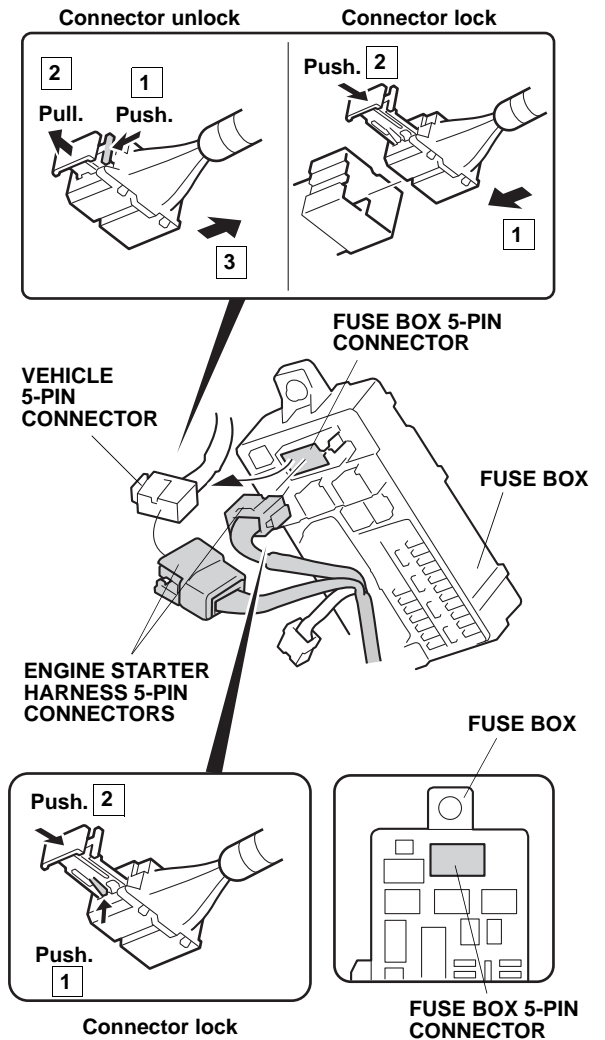


48. Cut one urethane tape to the dimensions shown, and wrap it around the engine starter harness 5-pin connector as shown.

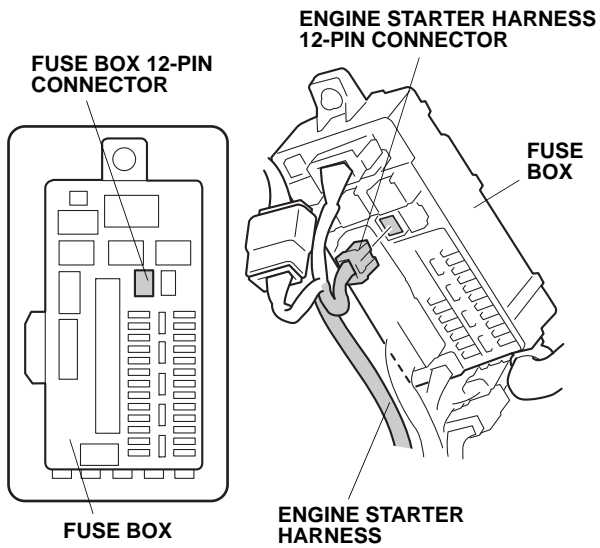


49. Unplug the vehicle 5-pin connector from the fuse box, and plug it into the engine starter harness 5-pin connector. Plug the remaining engine starter harness 5-pin connector into the fuse box 5-pin connector.

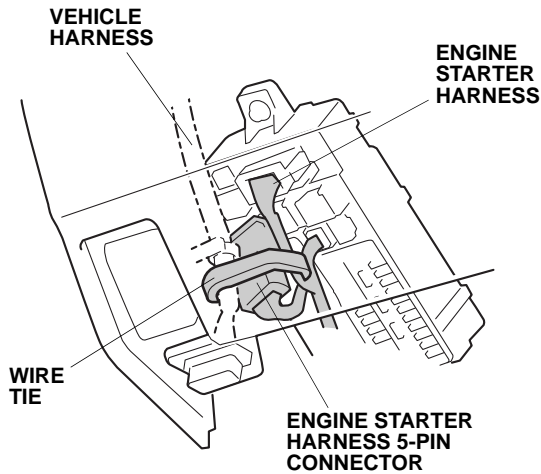
NOTE: Make sure the engine starter harness 5-pin connectors are securely connected to the fuse box 5-pin connector and vehicle 5-pin connector. A loose connection can cause the engine to stall while driving.



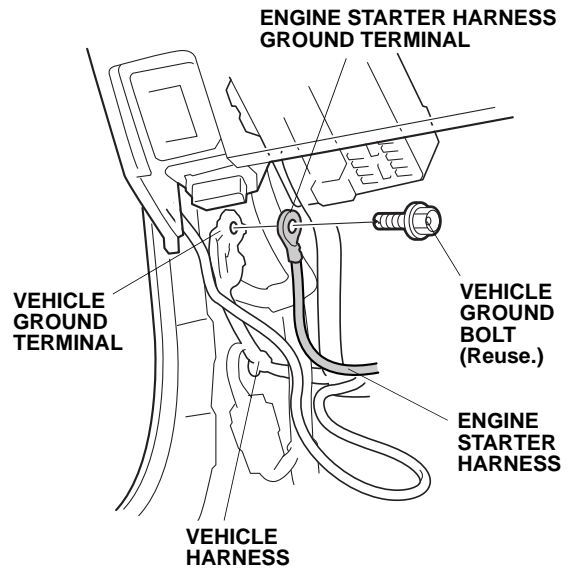
50. Plug the engine starter harness 12-pin connector into the fuse box 12-pin connector.



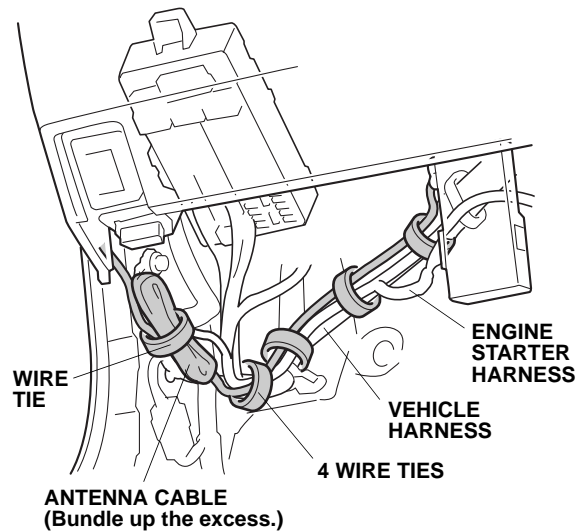
51. Secure the engine starter harness 5-pin connector and the engine starter harness to the vehicle harness with one wire tie.



52. Remove the vehicle ground bolt. Attach the engine starter harness ground terminal to the vehicle ground terminal, and reinstall the vehicle ground bolt.

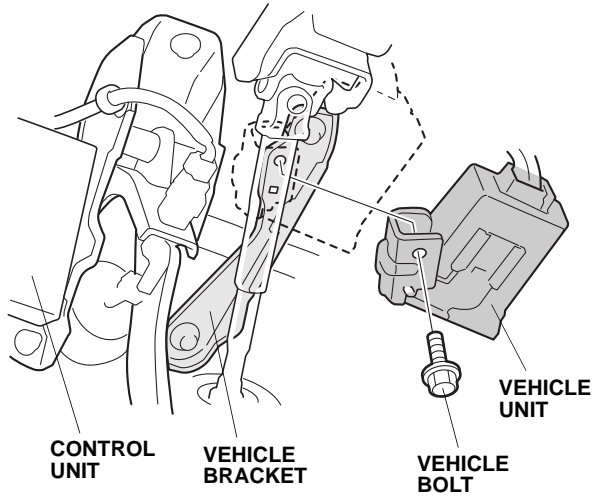


53. Secure the antenna cable and engine starter harness to the vehicle harness with four wire ties.

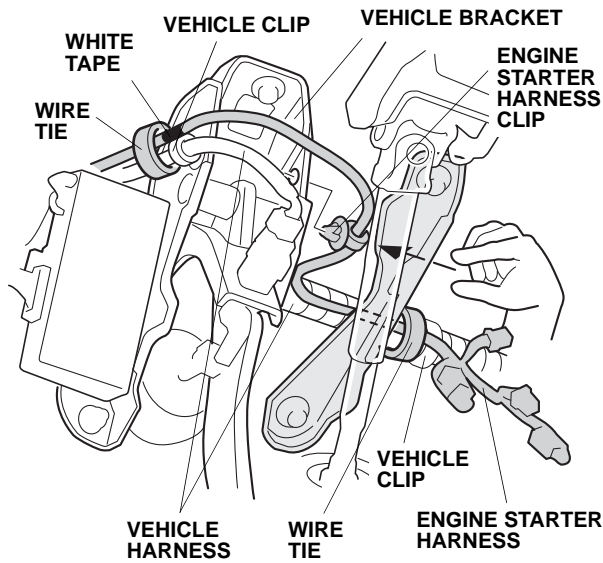


54. Bundle up the excess antenna cable as shown, and secure it to the vehicle harness with one wire tie.

55. To gain access to route the engine starter harness, remove the vehicle bolt from the vehicle bracket, and move the vehicle unit.

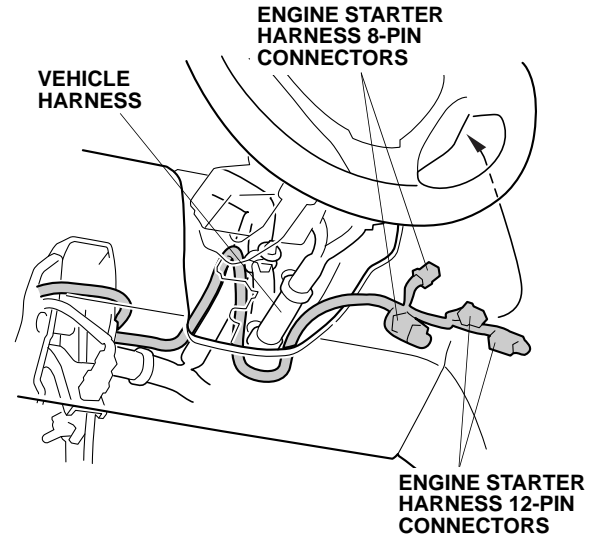


56. Attach the engine starter harness clip to the vehicle bracket.

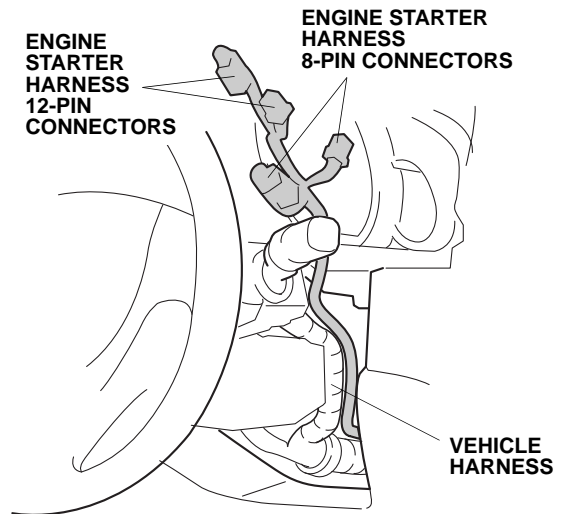


57. Align the white tape on the engine starter harness with the vehicle clip, and secure the engine starter harness to the vehicle harness with two wire ties.
58. Reinstall the vehicle unit.

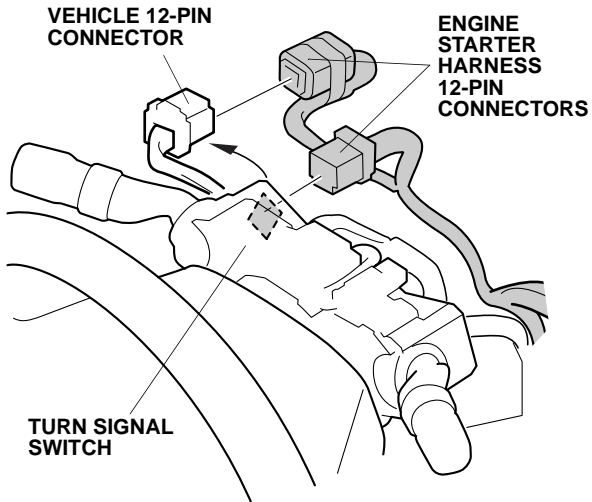
59. Route two 12-pin connectors and two 8-pin connectors on the engine starter harness along the vehicle harness as shown.



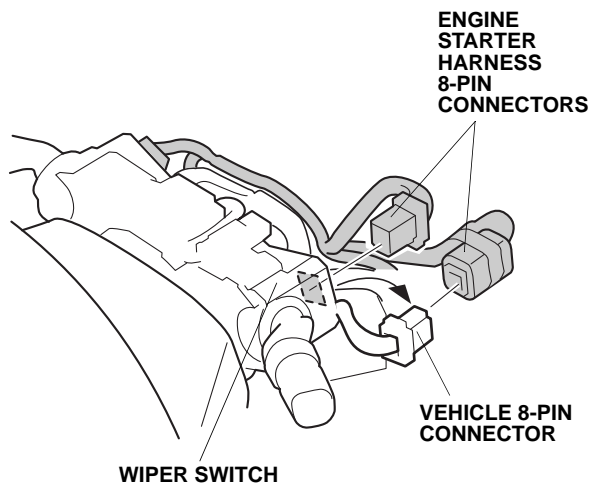
60. Route two 12-pin connectors and two 8-pin connectors on the engine starter harness along the vehicle harness as shown.



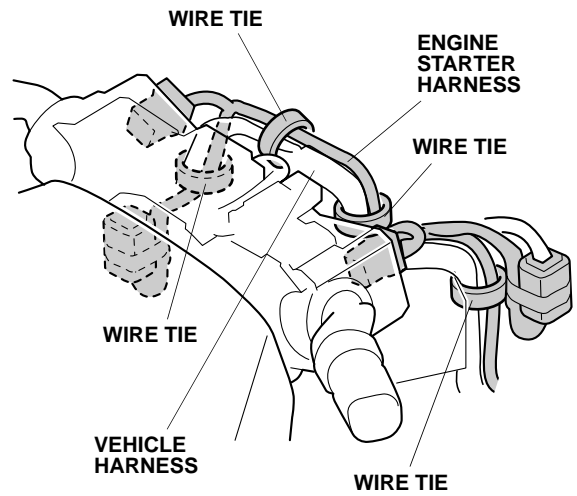
61. Unplug the vehicle 12-pin connector from the turn signal switch, and plug it into the engine starter harness 12-pin connector. Plug the remaining engine starter harness 12-pin connector into the turn signal switch.



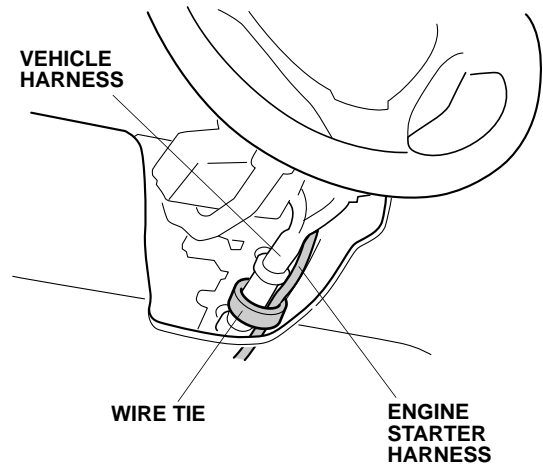
62. Unplug the vehicle 8-pin connector from the wiper switch, and plug it into the engine starter harness 8-pin connector. Plug the remaining engine starter harness 8-pin connector into the wiper switch.



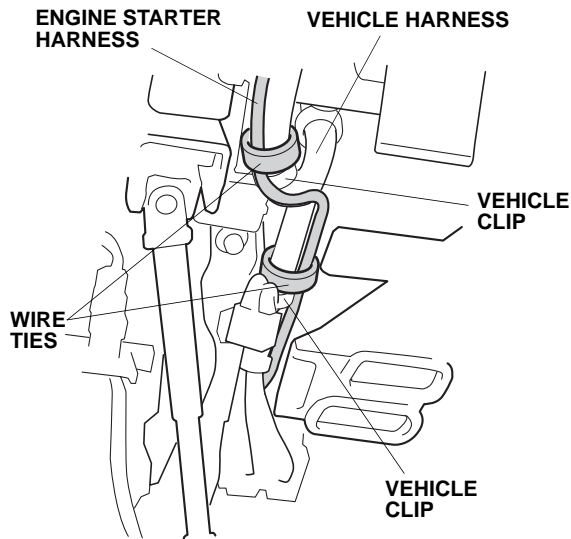
63. Secure the engine starter harness to the vehicle harness with four wire ties. Do not secure it to the SRS harness.



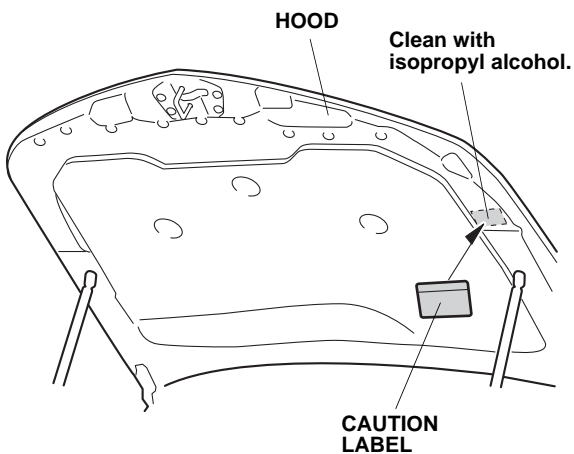
64. Secure the engine starter harness to the vehicle harness with one wire tie.



65. Secure the engine starter harness to the vehicle harness with two wire ties as shown.



66. Using isopropyl alcohol on a shop towel, clean the area where the caution label will attach.

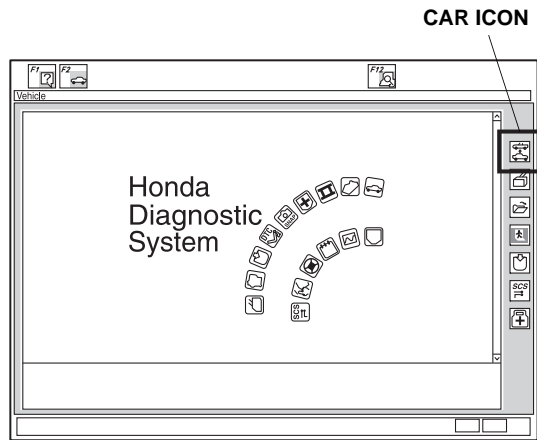


67. Attach the caution label to the hood in the area shown.

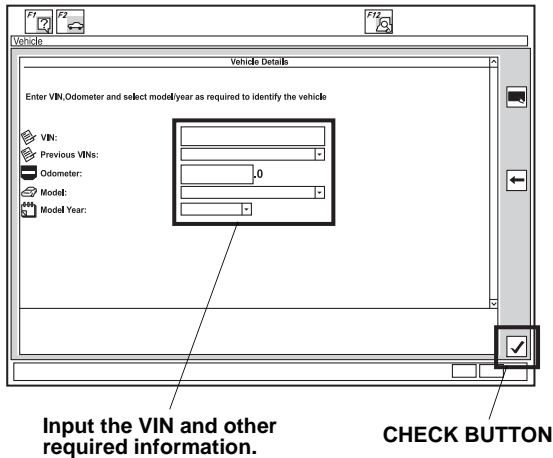
68. Check that all wire harnesses and cables are routed properly and that all connectors are plugged in.
69. Reinstall all removed parts except for the front bulkhead cover. Take care not to pinch the side curtain airbag with the clip during reinstallation of the left front A-pillar trim. Do not push on the front pillar trim excessively.
70. Reconnect the negative cable to the battery.
71. Check the operation of the headlights and windshield wipers/washers.
72. Reinstall the front bulkhead cover.
73. Enter the anti-theft codes for the audio system and the navigation system (if equipped).
74. Reset the clock on vehicles without navigation.
75. Do the **REMOTE ENGINE STARTER REGISTRATION** (Page 18), and the **FUNCTION CHECK** (Page 21).

REMOTE ENGINE STARTER REGISTRATION

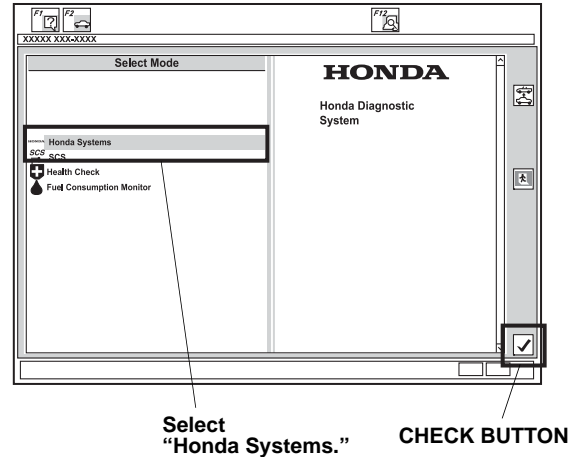
1. Acquire the PCM Code from the Interactive Network.
2. Connect the HDS tester to the OBD II data link connector, then turn the ignition switch to the ON (II) position.
3. Start the HDS, and click the car icon.



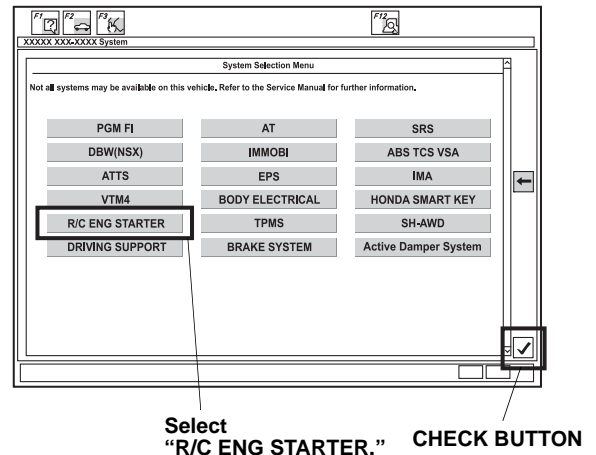
4. Input the VIN and other required information into the HDS, then click the check button.



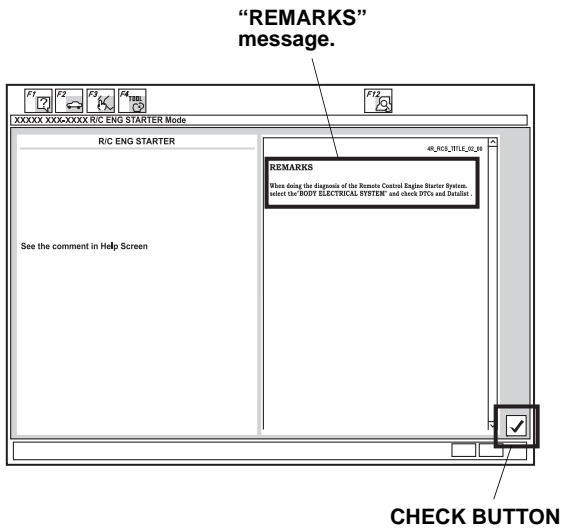
5. Select **Honda Systems**, then click the check button.



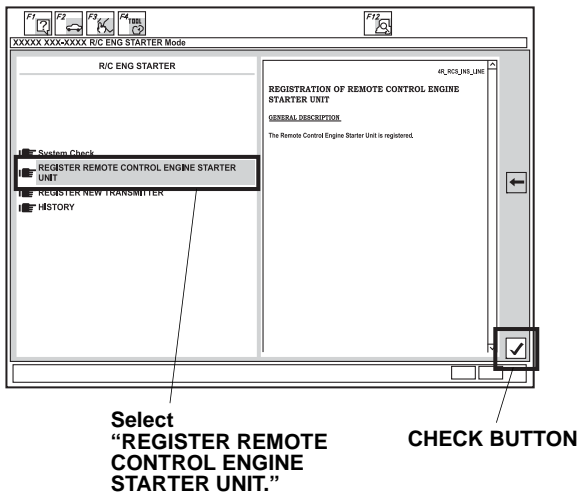
6. Select **R/C ENG STARTER** and click the check button.



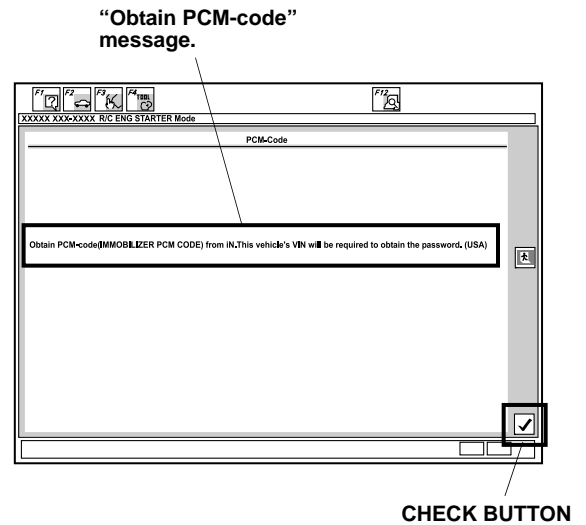
7. A **REMARKS** message will display. Click on the check button.



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

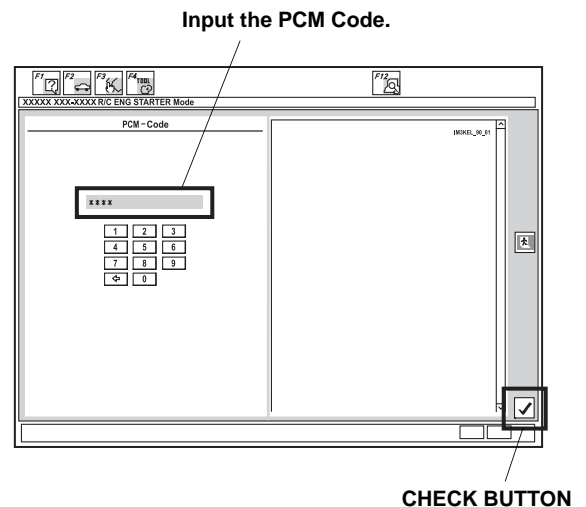


9. The following message will display: **Obtain PCM code (IMMOBILIZER PCM CODE) from IN. This vehicle's VIN will be required to obtain the password (USA).** Click on the check button.



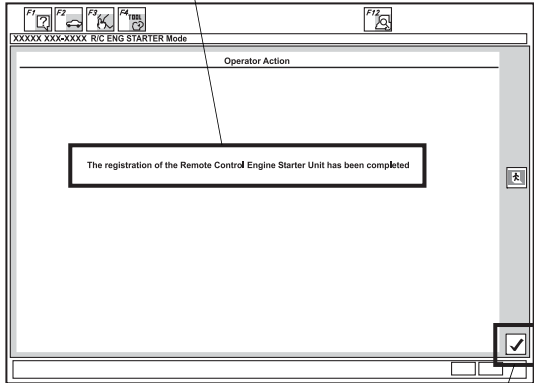
10. Input the PCM Code, then click the check button.

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



11. The following message will display: **The registration of the Remote Control Engine Starter Unit has been completed.** Click on the check button.

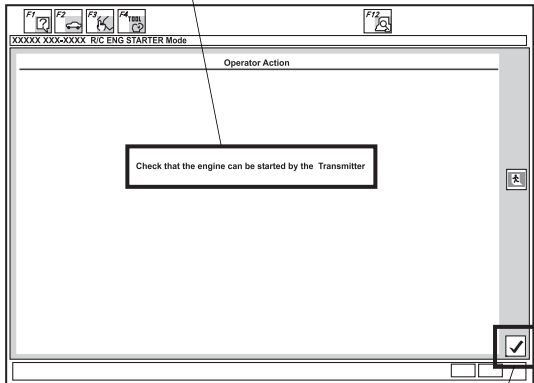
“The registration of the Remote Control Engine Starter Unit has been completed”.



CHECK BUTTON

12. The following message will display: **Check that the engine can be started by the Transmitter.** Click on the check button.

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



CHECK BUTTON

13. Perform the function test on page 21, then disconnect the HDS.

FUNCTION CHECK

Operating Conditions

- Hood is closed
- Shift lever in park
- The key is out of the ignition and the key is outside the vehicle
- All doors and trunk lid 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:

- | |
|--|
| <ul style="list-style-type: none">• 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 driver's door must be opened and closed.

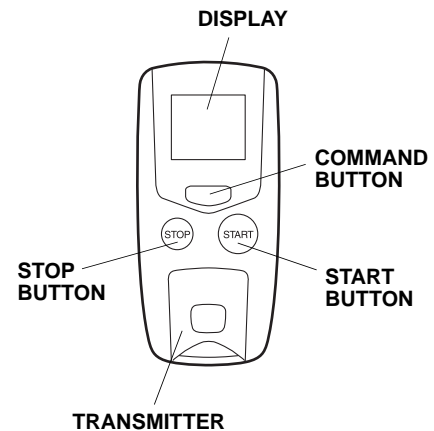
- Move the shift lever out of the P position.
- Unlock or open the doors or the trunk lid.
- Open the hood.
- Insert the key in the ignition switch.
- Press the brake pedal.

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.



How to Program an Additional Transmitter

1. Connect the HDS to the data link connector.
2. Start the HDS and click on the car icon.
3. Input the vehicle's VIN and other required information.
4. Select **Honda Systems**.
5. Select **R/C Engine Starter**.
6. Select **REGISTER NEW TRANSMITTER**.
7. When "Ready to program the new transmitter" shows, select **ENTER**.
8. Press and release the Command button.
9. Press and release the Stop button.
10. Perform the function check on both transmitters.

NOTE: Only 2 remotes can be stored in the system's memory.