

HONDA INSTALLATION INSTRUCTIONS

Accessory
SECURITY SYSTEM

Application
1997 ODYSSEY

Publication No.
All 18316
Issue Date
DEC 1996

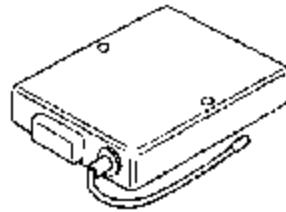
PARTS LIST

SECURITY SYSTEM: P/N 08E51-SV4-100F

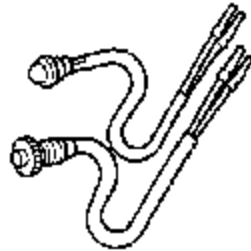
2 Remote controls



Control unit



LED



Disarm switch

Push nut (for LED)



2-Pin connector LED



Label



3-Pin connector (for
disarm switch)



Nut



Washer



2 Washer-screws,
4 x 30 mm

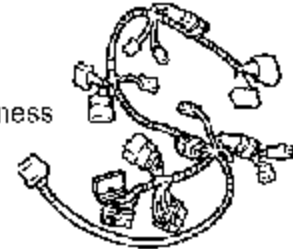


Owner's Manual



ATTACHMENT KIT: P/N 08E55-SX0-102

Security system wire harness



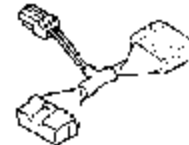
Door wire harness



EX Door lock wire harness



LX Door lock wire harness



Control unit bracket



3 Grommets



2 Self-tapping screws,
5 x 16 mm



Self-tapping screw,
5 x 25 mm



Spacer



2 Cushion tapes



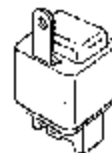
9 Long wire ties



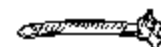
3 Short wire ties



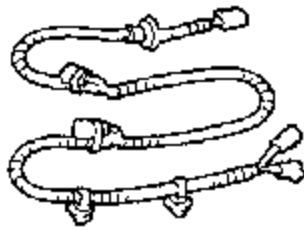
Relay (with 5 pin connector)



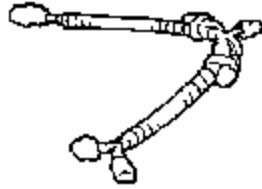
Wire tie with clip



Horn wire harness



Sub-harness



Relay (with 4-pin connector)



Short wire tie (White)

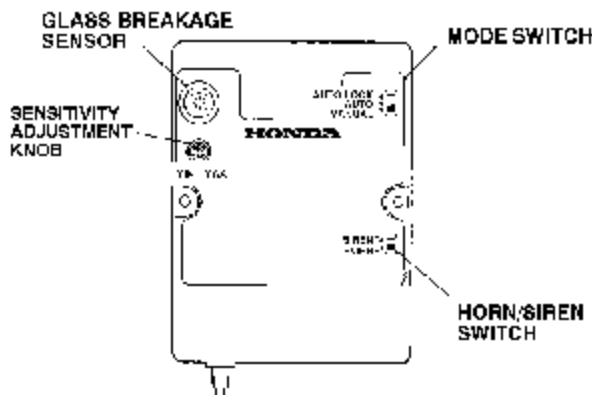


TOOLS AND SUPPLIES REQUIRED

#2 Phillips screwdriver
Stubby Phillips screwdriver
Flat tip screwdriver
Masking tape
Eye protection (face shield, safety goggles, etc.)
Drill
5.5 mm and 12 mm Drill bits
10 mm and 14 mm Sockets
Ratchet
18 mm Combination wrench
Trim pad remover (Snap-on #A177 or equivalent)
Torque wrench

Adjusting the Control Unit

Use a small flat tip screwdriver to change the mode switch and the horn/siren switch and to adjust sensitivity.



Mode Switch:

- Set the mode switch according to the customer's choice.
- Refer to the Owner's Manual for the explanation of each mode.

Horn/Siren Switch: Set the switch to "HORN" for normal use. If an optional siren is installed, set the switch to "SIREN."

Glass Breakage Sensor: Do not attach anything like scotch tape over the holes; the holes are the microphone pickup.

Sensitivity:

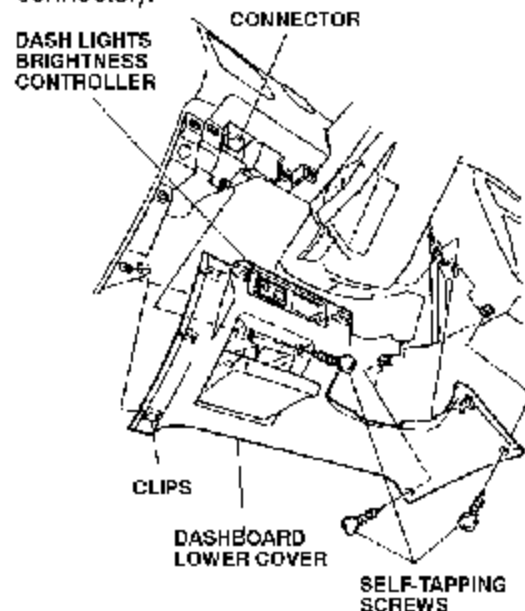
- Adjust the sensitivity only if the customer requests it; the sensitivity adjustment of the glass breakage sensor is factory set.
- Be careful when you adjust the sensitivity, because if you raise the sensitivity too much, the security system can give a false alarm, and if the sensitivity is too low, the security system may not work even if glass is broken.

INSTALLATION

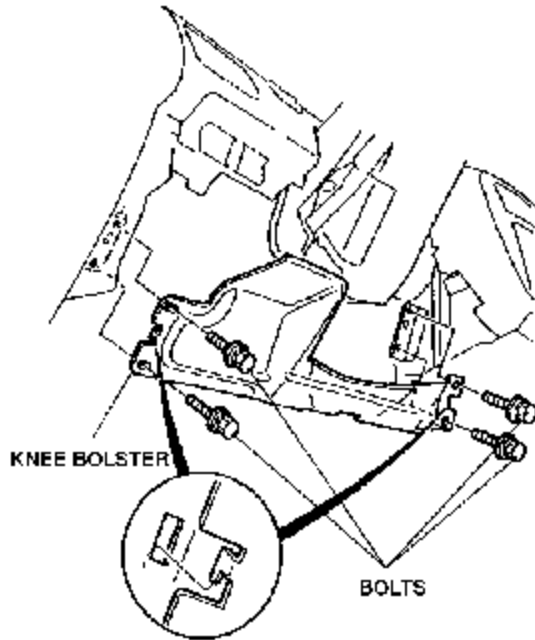
1. Make sure you have the anti-theft code for the radio, then write down the frequencies for the preset buttons.

NOTE: On EX models, raise the driver's seat to the highest position before disconnecting the battery.

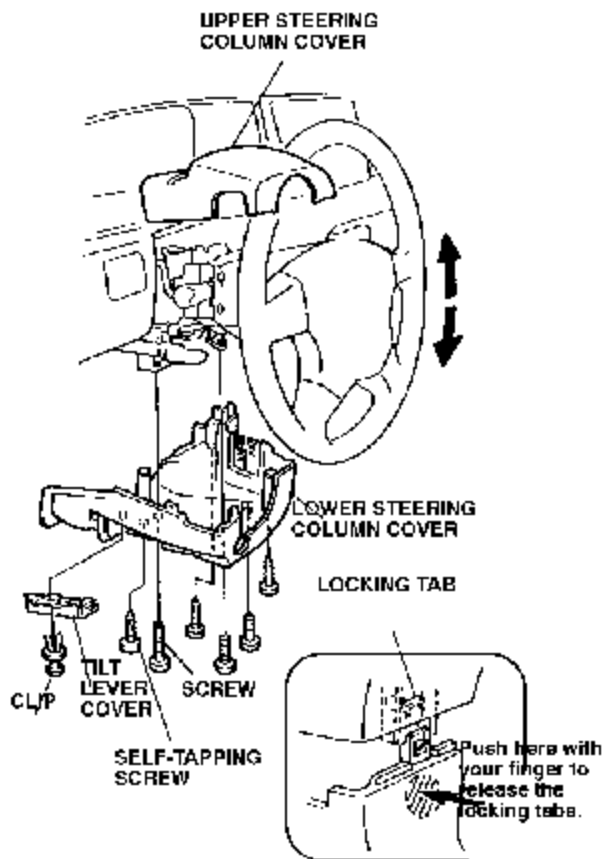
2. Disconnect the negative cable from the battery.
3. Remove the dashboard lower cover (three self-tapping screws, seven clips, and one connector).



- Remove the knee bolster (four bolts).

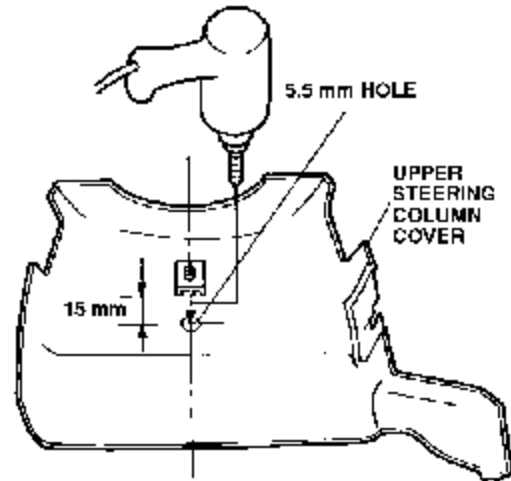


- Tilt the steering wheel to the lowest position.

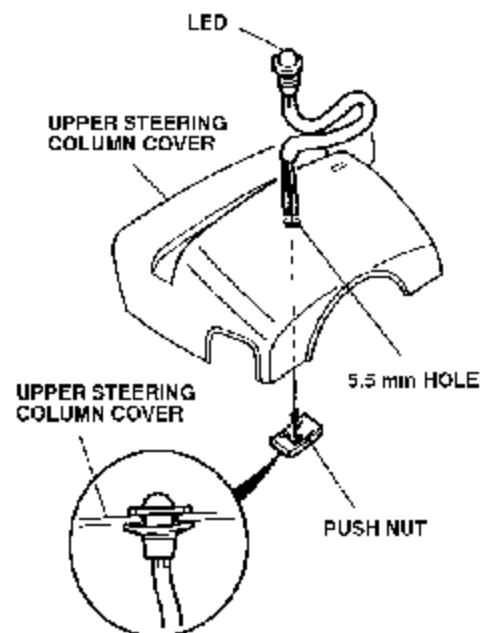


- Remove the clip and the tilt lever cover.

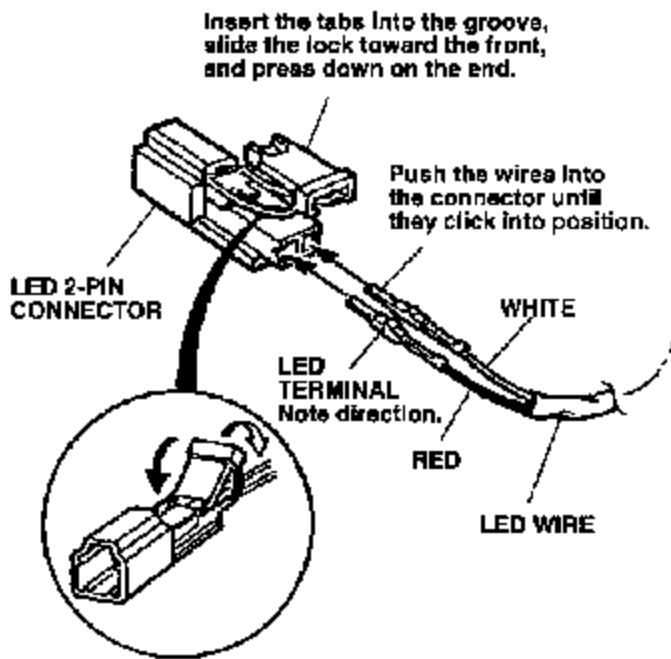
- Remove the three screws and the three self-tapping screws; then release the locking tabs on the upper steering column cover.
- Remove the upper and lower steering column covers.
- Measure and mark the upper steering column cover.



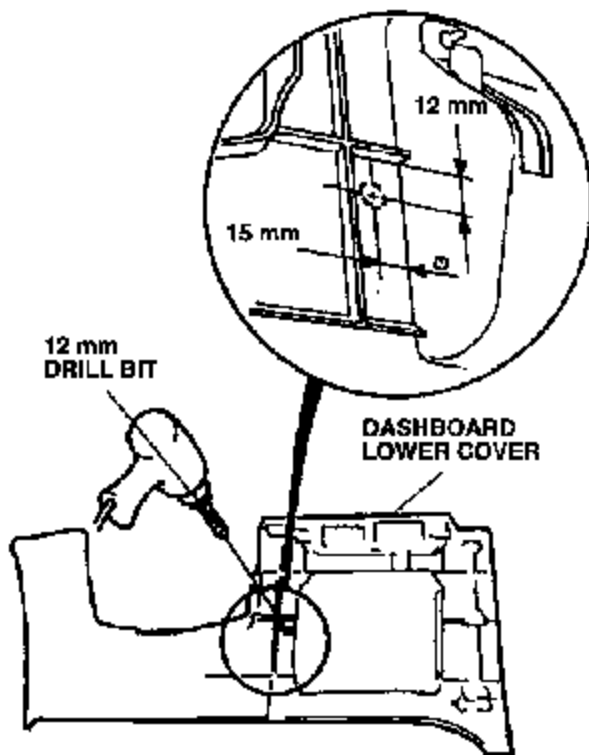
- While wearing eye protection, center-punch the mark, and drill a 5.5 mm hole through the center-punched mark.
- Route the wires of the LED through the hole you just drilled, then secure the LED with the push nut included in the kit.



12. Get the 2-pin connector from the kit, and plug the wires of the LED into the connector.

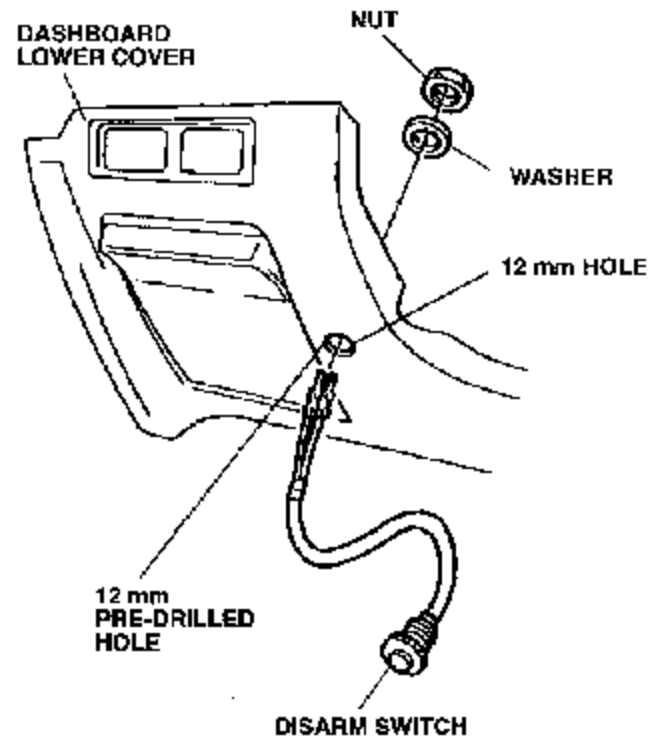


13. Measure and mark the dashboard lower cover.

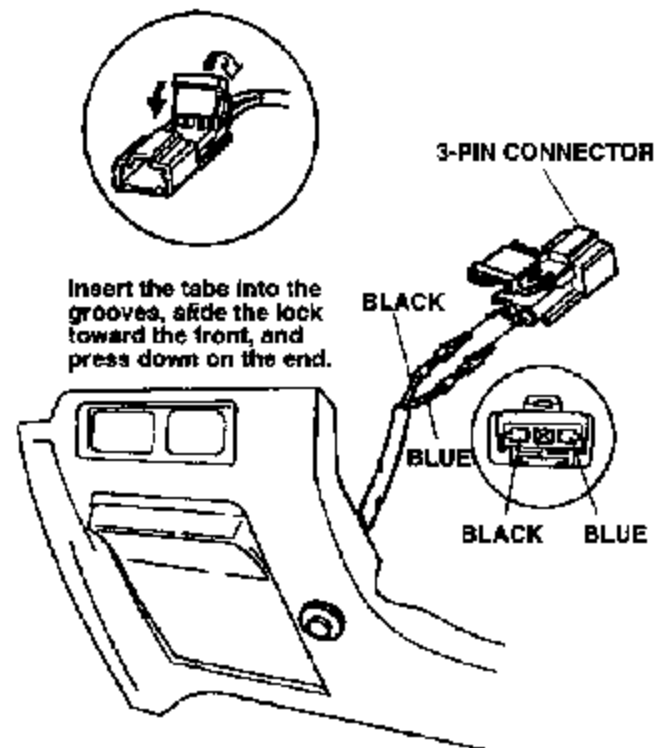


14. While wearing eye protection, center-punch the mark, and drill a 12 mm hole through the center-punched mark.

15. Route the wires from the disarm switch through the hole you just drilled, then secure the disarm switch with the washer and nut from the kit. To avoid damaging the switch, do not over-tighten the nut.

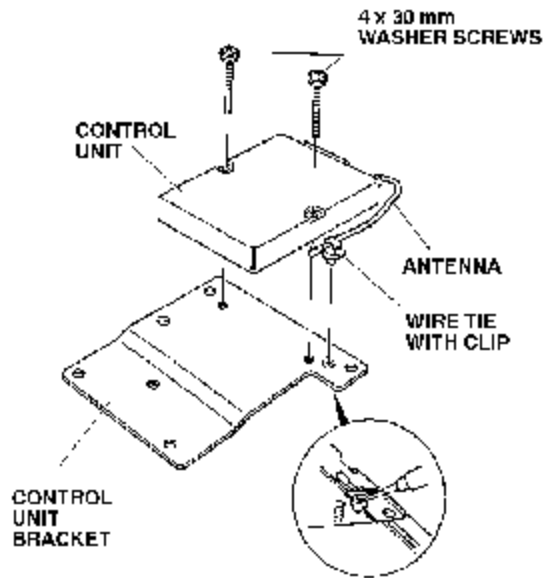


16. Firmly push the disarm switch wires into the 3-pin connector until they click into position. Pull gently on the wires to verify that they are locked into the connector.

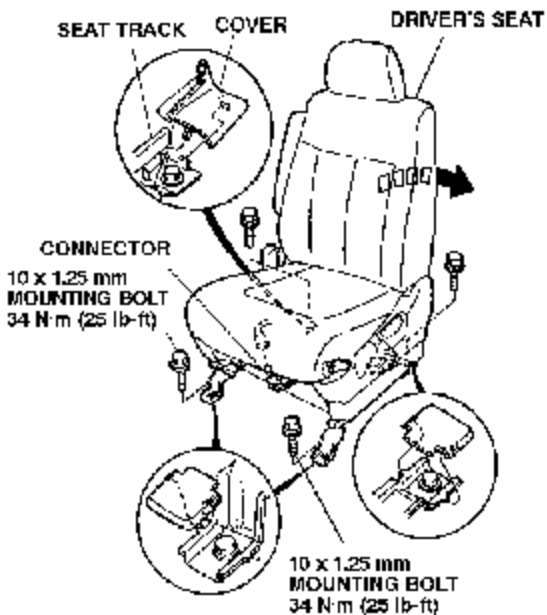


17. Attach the control unit to the control unit bracket.

- Position the control unit on the control unit bracket, and install the two 4 x 30 mm washer-screws.
- Attach the antenna to the control unit bracket using the wire tie with clip. Insert the clip into the bracket hole, and spread the clip ends with a screwdriver.



18. Remove the seat track end covers, then remove the four bolts securing the driver's seal side rails. Disconnect the connector(s) under the seat, and then remove the seat.

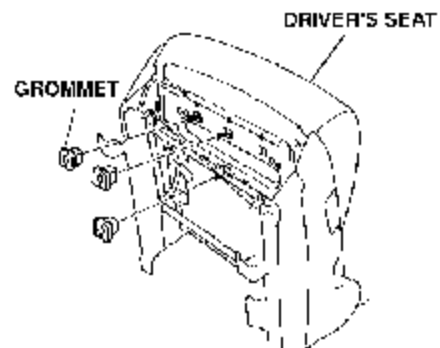


19. Tilt the seat-back out of the way.

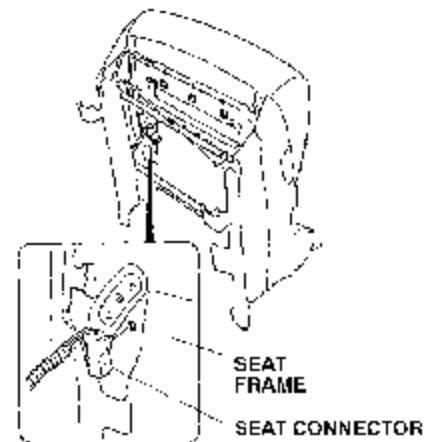
20. Attach the control unit bracket.

LX Model:

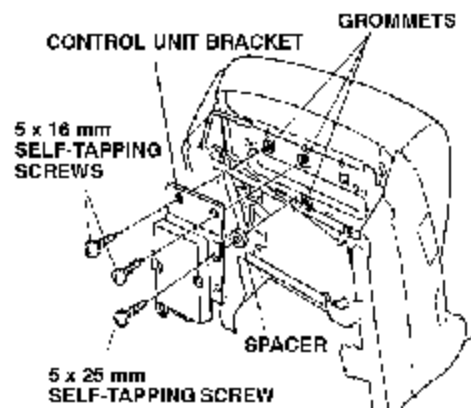
- Press a grommet into each of the three square holes in the seat frame.



- Release the seat connector from the seat frame.

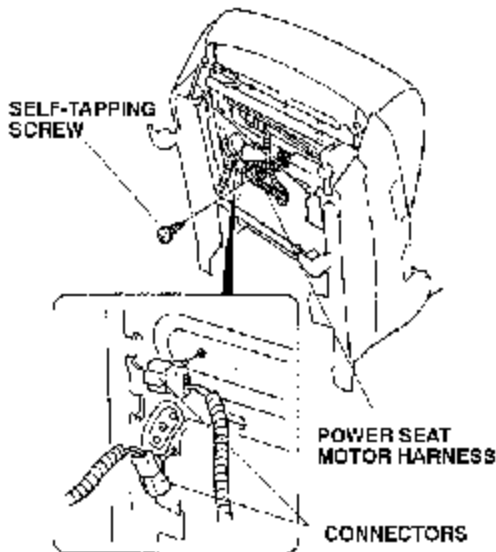


- Position the control unit bracket on the seat frame, and align the three holes in the bracket with the holes in the plastic grommets you just pressed in. Install the 5 x 25 mm self tapping screw with a spacer under the bracket, and then install the two 5 x 16 mm self-tapping screws.

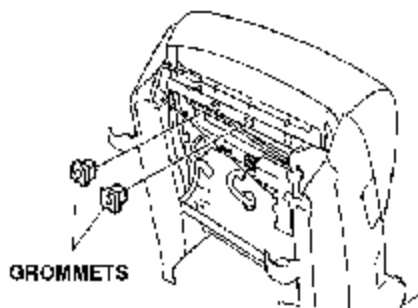


EX Model:

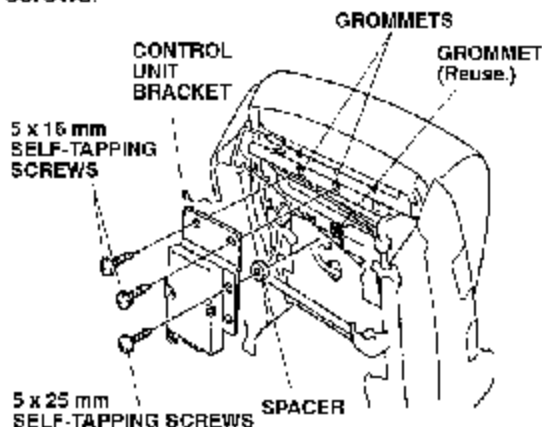
- Remove the self-tapping screw securing the power seat motor harness, and release the connectors from the seat frame.



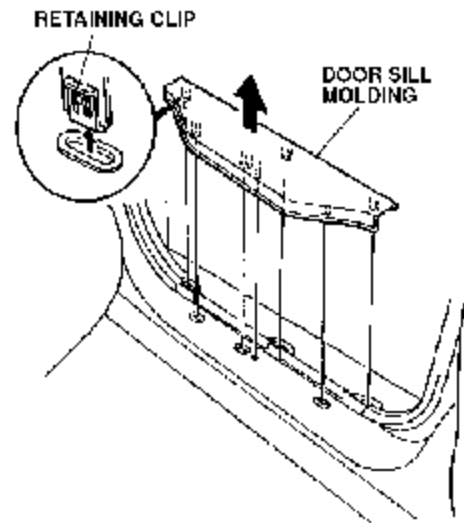
- Press a grommet into each of the two square holes in the seat frame.



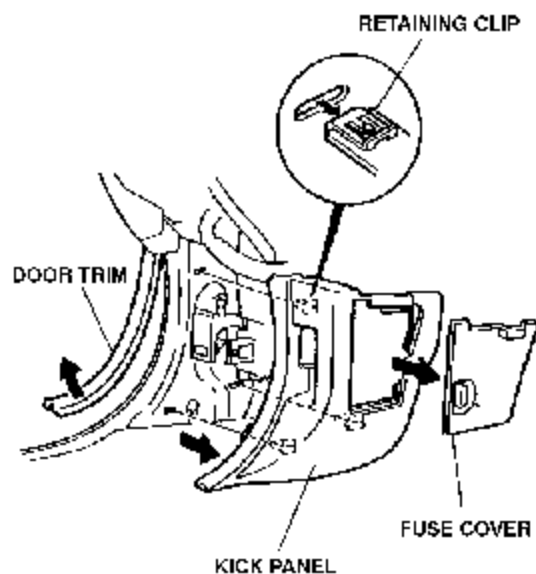
- Position the control unit bracket on the seat frame, and align the three holes in the bracket with the holes in the plastic grommets. Install the 5 x 25 mm self tapping screw with a spacer under the bracket, and then install the two 5 x 16 mm self-tapping screws.



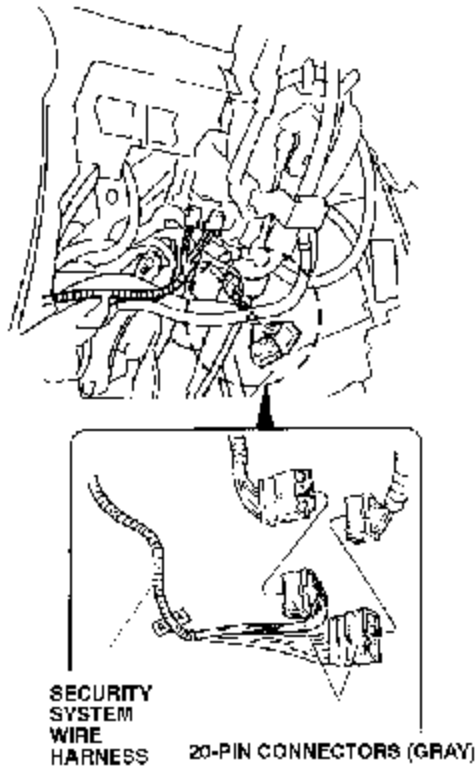
- Pry up on the retaining clips, and remove the front left door sill molding. Be careful not to damage the retaining clips.



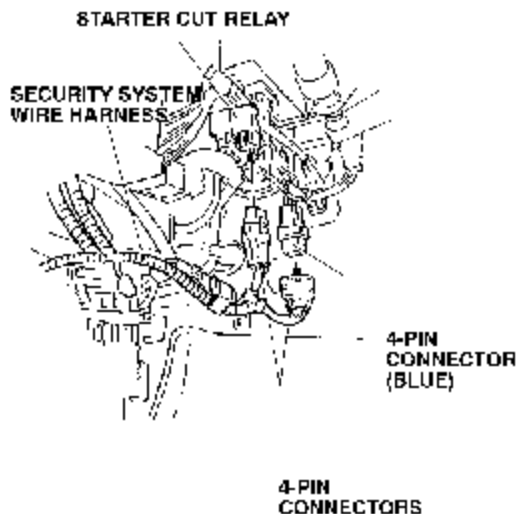
- Remove the fuse cover. Pull up the door trim, and release the clips retaining the kick panel. Remove the kick panel by pulling it toward you.



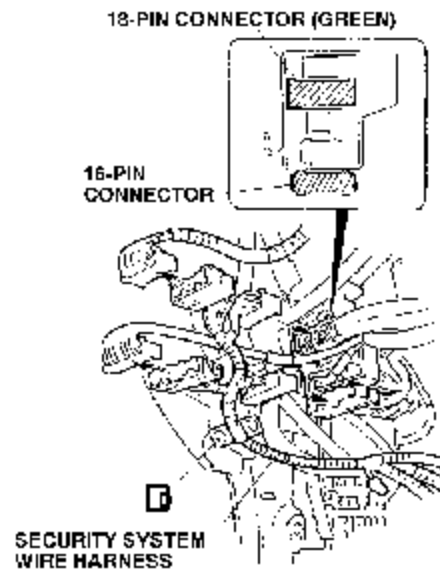
23. Route the security system harness marked **A** above the steering shaft. On the right side of the steering shaft, unplug the 20-pin connectors (gray) of the vehicle harness, and plug the 20-pin connectors marked **A** of the security system harness in between.



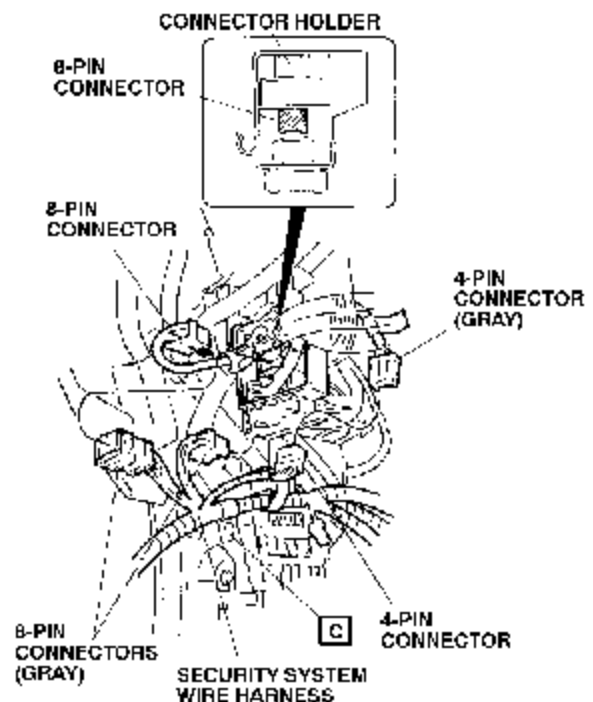
24. On the left side of the steering shaft, locate the starter cut relay, and unplug the connector (blue) that contains a Gray, a Black/White, and two White/Red wires. Connect the blue 4-pin connectors marked **E** of the security system wire harness between the relay and the connector you just unplugged.



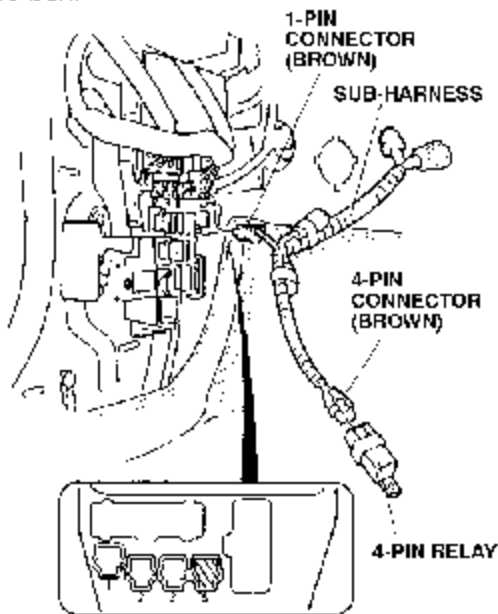
25. Locate the 18-pin (green) and 16-pin (gray) connectors secured to the connector holder, and unplug the connectors. Plug the 18-pin and 16-pin connectors marked **D** of the security system wire harness in between.



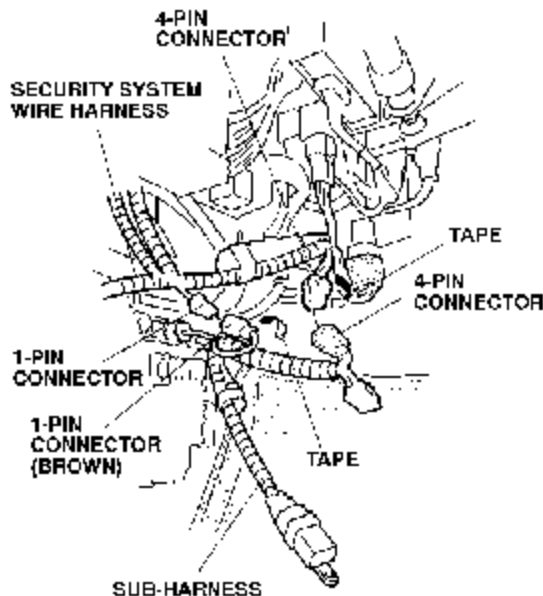
26. Locate the 4-pin connector (gray) blue-taped to the vehicle harness behind the connector holder, and remove the blue tape to free the connector. Plug the 4-pin connector marked **C** of the security system wire harness into the connector you just freed. Unplug the 8-pin connector from the connector holder, and plug the gray 8-pin connector marked **C** of the security system wire harness in between.



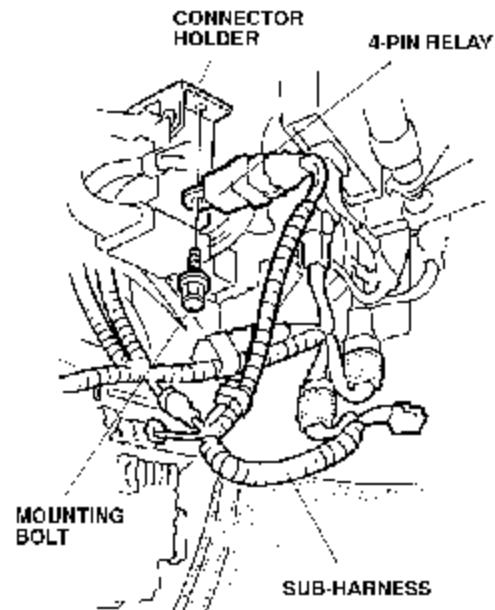
27. Plug the 4 pin relay into the 4 pin connector (brown) of the sub-harness.
28. Plug the 1-pin connector (brown) of the sub-harness into the No. 5 connector of the fuse box.



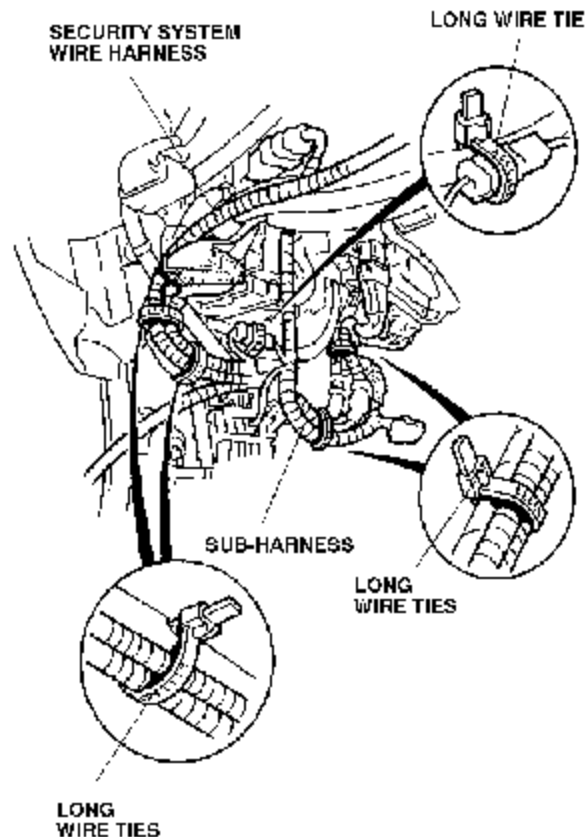
29. Locate the 1 pin connector (brown) taped to the sub-harness, and remove the tape to free the connector. Connect the 1-pin connector of the security system wire harness to the 1 pin connector you just freed.
30. Locate the 4-pin connector taped to the security system wire harness, and remove the tape to free the connector. Connect the 4-pin connector of the sub-harness to the 4-pin connector you just freed.



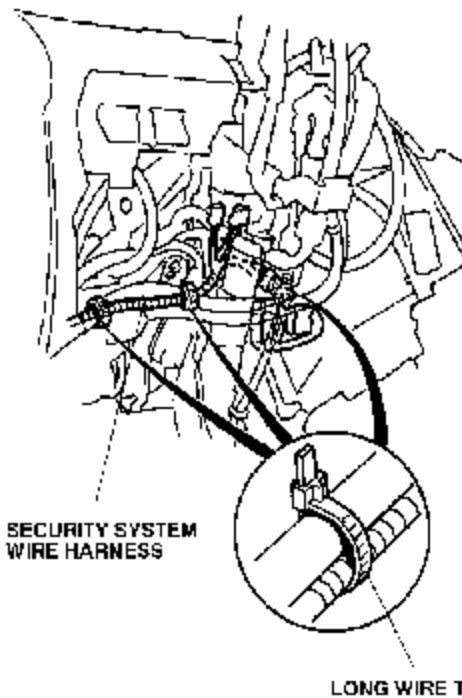
31. On the left side of the steering shaft, remove the bolt securing the connector holder, and attach the 4 pin relay (connected to the sub-harness in step 27) with this bolt.



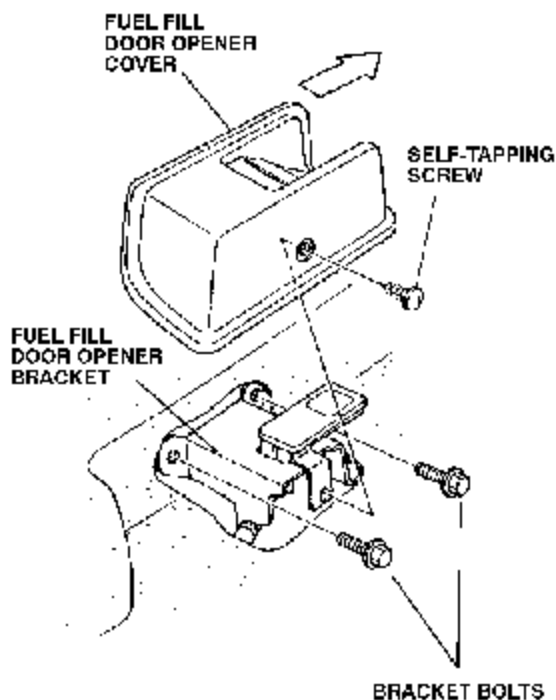
32. Secure the sub-harness to the security system wire harness with five long wire ties in the areas shown. Do not secure the harness to the yellow SRS wire harness.



33. Secure the security system wire harness to the vehicle harness with three long wire ties in the areas shown. Do not secure the harness to the yellow SRS wire harness.

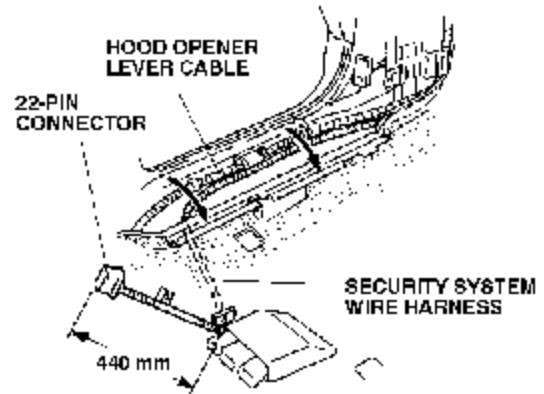


34. On the driver's side, remove the fuel fill door opener cover (one self-tapping screw, and slide the cover forward). Remove the fuel fill door opener bracket (two bolts).



35. Turn over the floor carpet along the door sill on the driver's side.

36. Route the 22 pin connector marked **G** of the security system wire harness along the inside of the hood opener lever cable.

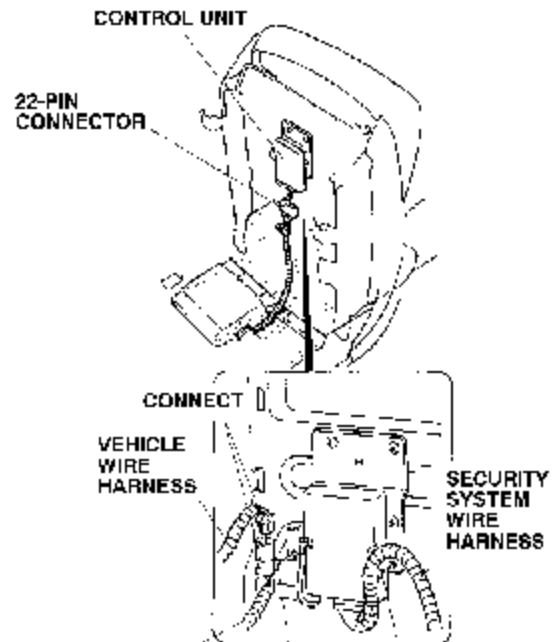


37. Pull the 22-pin connector 440 mm out through the cutout in the floor carpet at the floor cross member.

38. Reinstall the fuel fill door opener bracket and cover.

39. Connect the security system wire harness 22-pin connector to the control unit, and connect the vehicle harness to the seat connector.

LX Model:

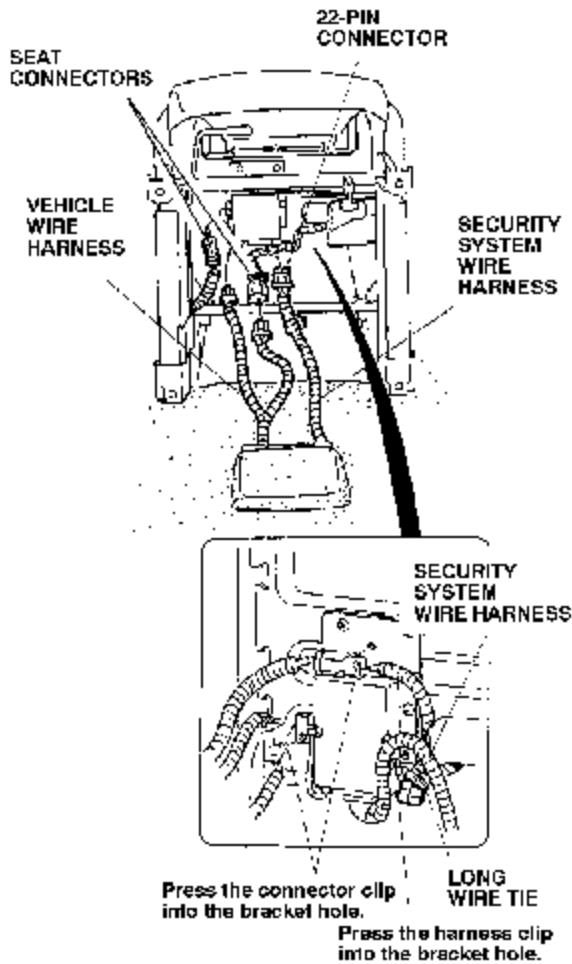


Seat connector was released in step 20.

Press the connector clip into the bracket hole.

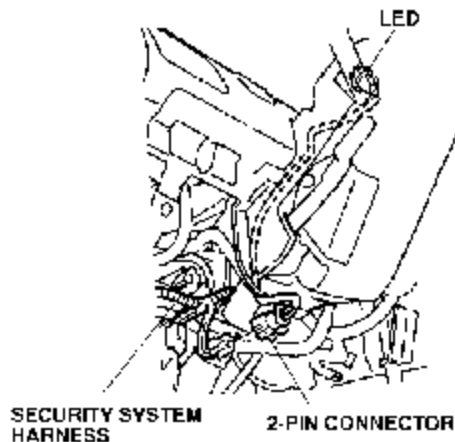
Press the harness clip into the bracket hole.

EX Model: Connect the vehicle wire harness connectors and the seat connectors.



40. Reinstall the seat, and tighten the bolt to 34 N·m (25 lb-ft); then reinstall the seat track covers.

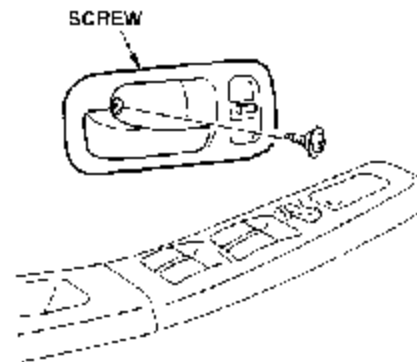
41. Reinstall the upper steering column cover, and connect the 2 pin connector marked C of the security system wire harness to the LED 2-pin connector.



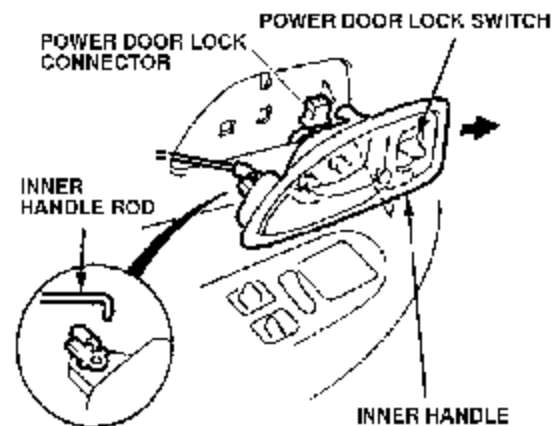
Installing the Door Lock Wire Harness

42. Remove the door panel:

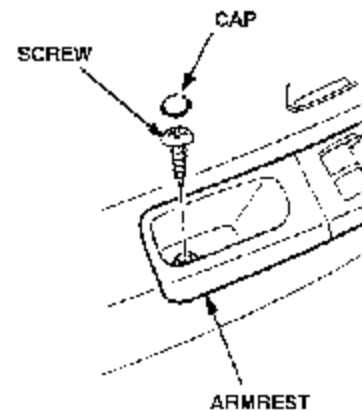
- Remove the screw from the inner handle.



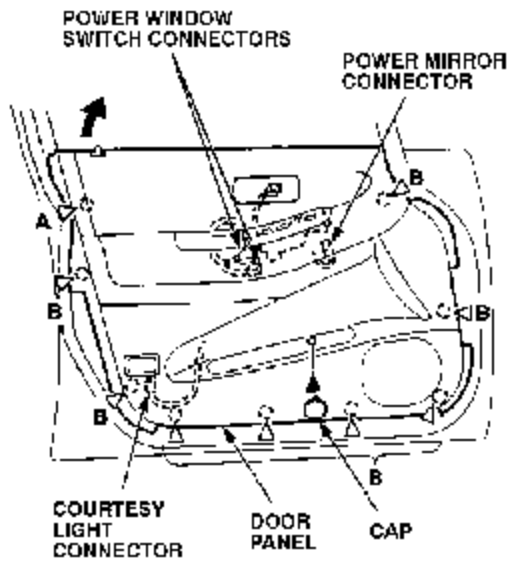
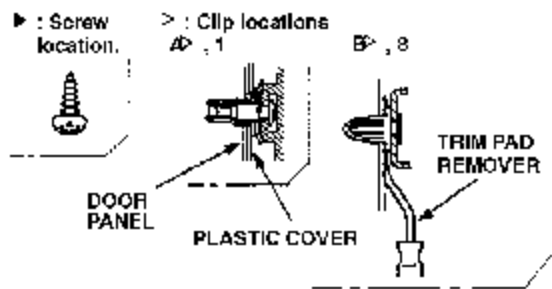
- Pull the inner handle forward and out halfway, and disconnect the inner handle rod and the power door lock connector.



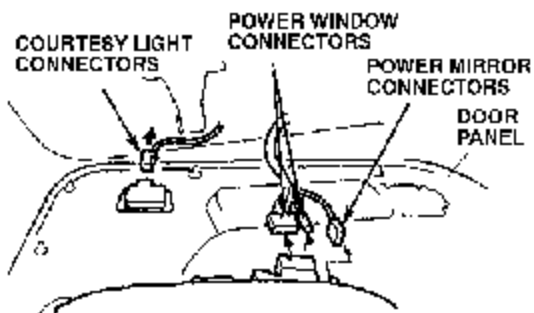
- Remove the cap, then remove the armrest screw(s).



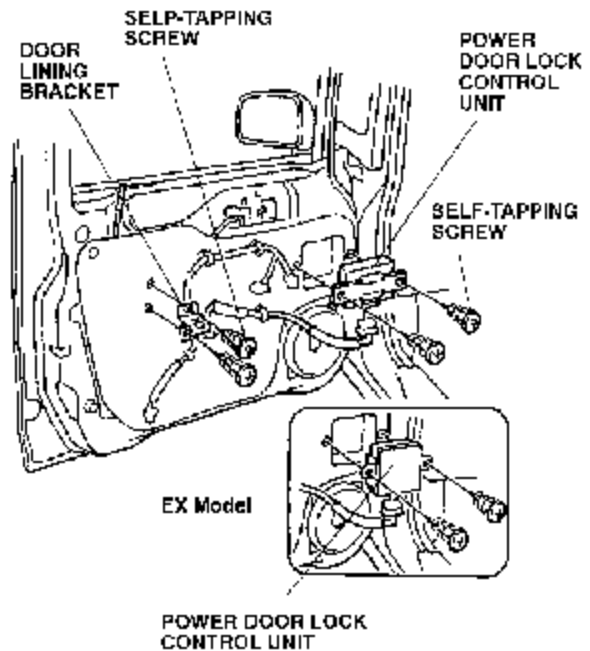
- Remove the cap, then remove the screw from the door panel.



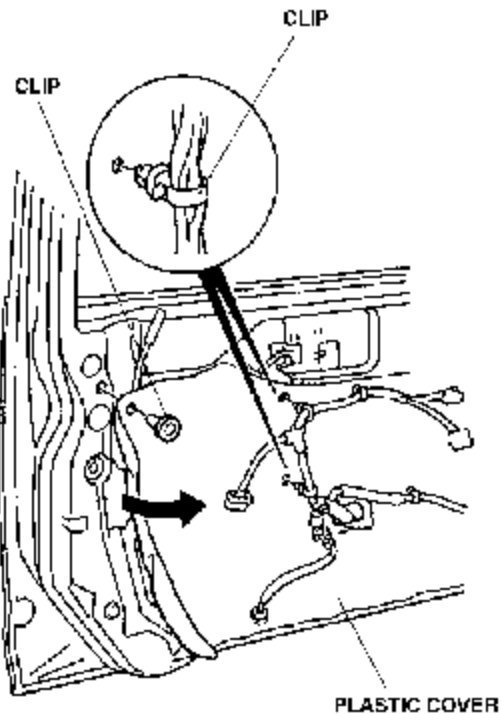
- Release the door panel clips using a trim pad remover.
- Pull the door panel upward, disconnect the connectors, and remove the door panel.



- Remove the door lining bracket.

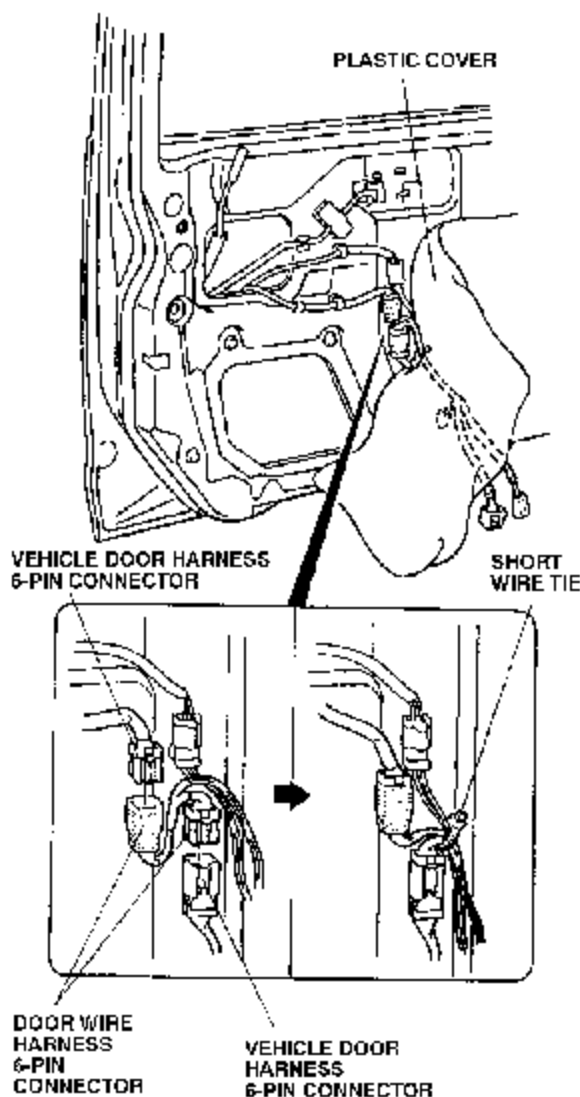


- Remove the power door lock control unit.
- Remove the clips fastening the door seal.



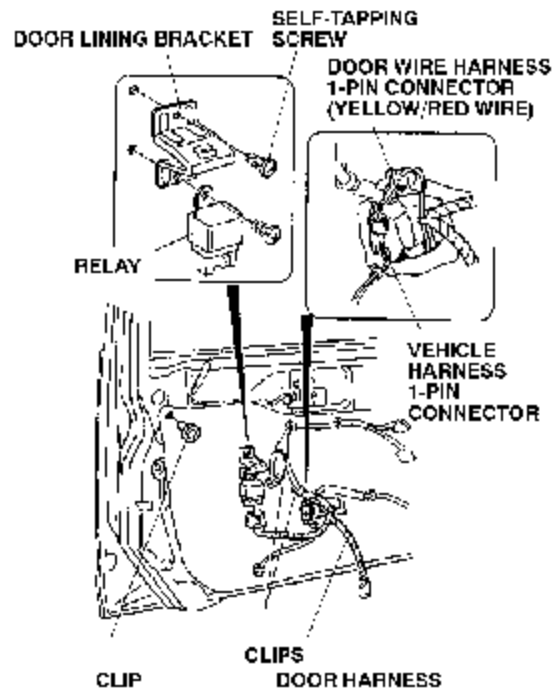
- Turn over half of the plastic cover, and hold it in place with a strip of masking tape.

47. Disconnect the vehicle door harness 6 pin connector (Black, Pink, Yellow, White/Red and Black/Red wires), and connect the door wire harness 6-pin connector in between.



48. Secure the door wire harness to the vehicle door harness with one short wire tie in the area shown.
49. Route the door unlock harness out through the hole in the plastic cover.
50. Reinstall the plastic cover.
51. Reinstall the clips, the door lining bracket, and the relay with 5-pin connector with the two self-tapping screws removed in step 43.

52. Connect the door wire harness 1 pin connector (Yellow/Red wire) to the vehicle wire harness 1 pin connector.

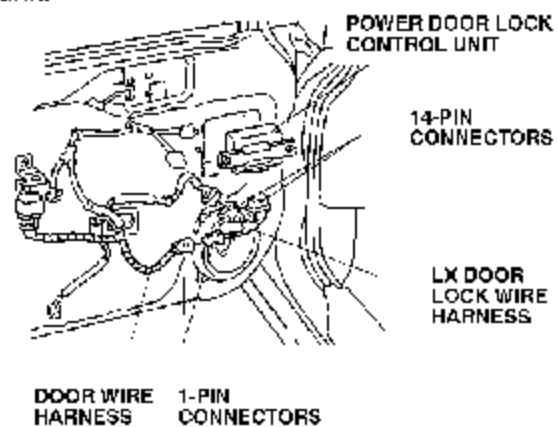


53. Plug the door harness 5-pin connector into the relay.

If you are working on an EX model, go to step 59. Otherwise, continue with step 54.

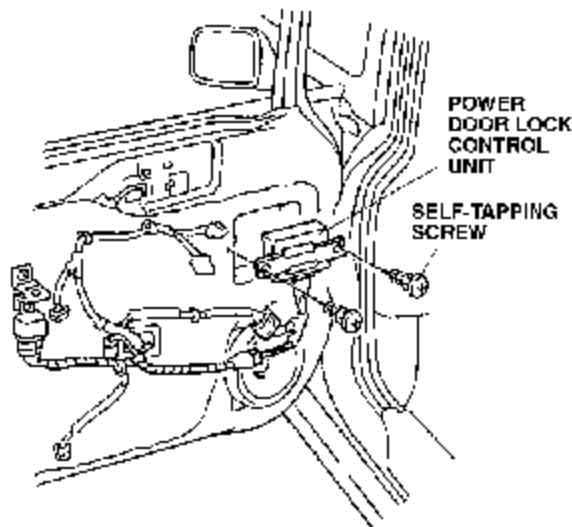
Installing the Door Wire Harness (LX Model only)

54. Connect the LX door lock wire harness 14-pin connectors to the vehicle harness 14-pin connector and to the power door lock control unit.

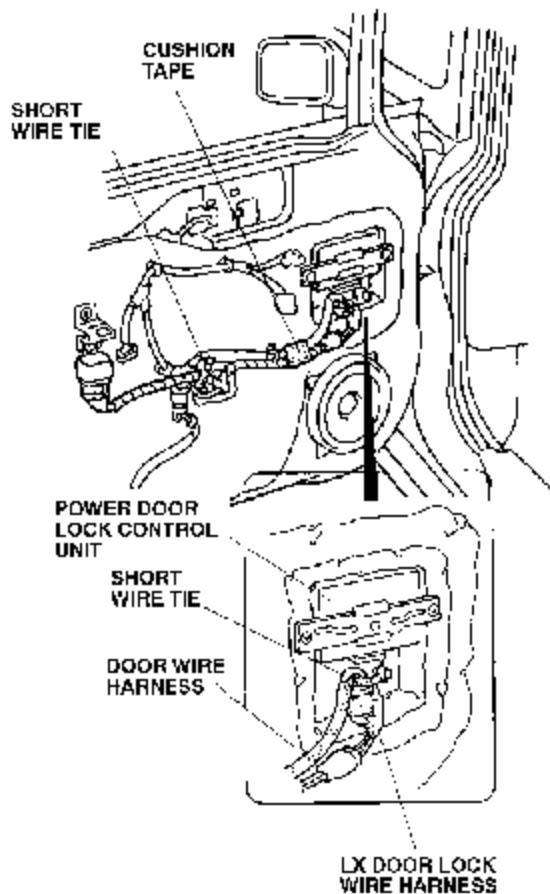


55. Connect the door wire harness 1 pin connector to the LX door lock wire harness 1-pin connector.

56. Reinstall the power door lock control unit with the two self-tapping screws.



57. Secure the LX door lock wire harness and door wire harness to the power door lock control unit with one short wire tie.

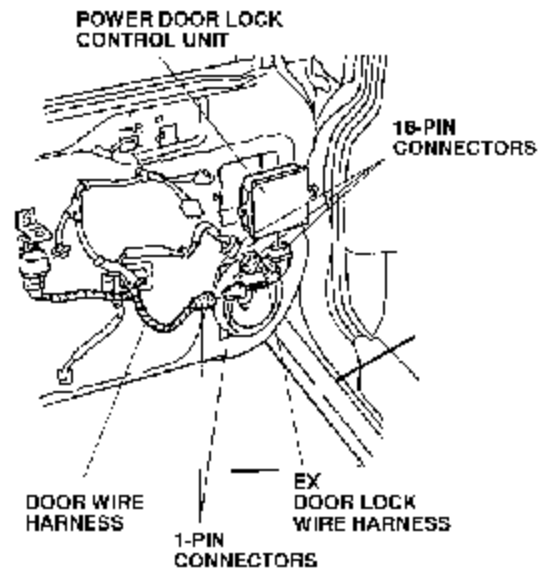


58. Secure the door lock wire harness to the vehicle wire harness with one short wire tie and cushion tape in the areas shown.

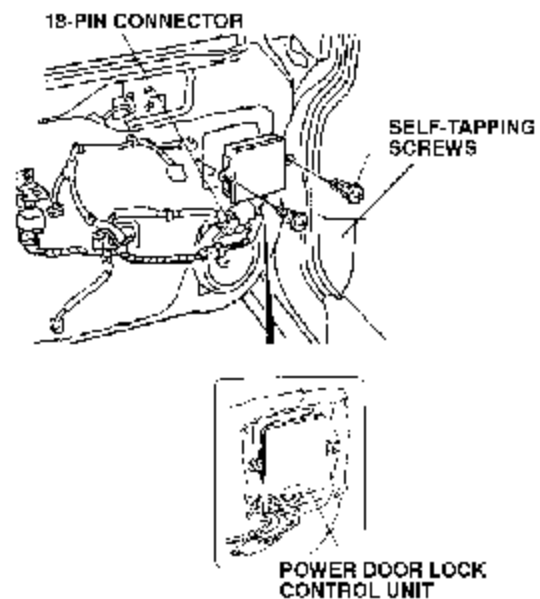
If the vehicle you are working on an LX model, go to step 66. Otherwise, continue with step 59.

Installing the Door Lock Wire Harness (EX Model only)

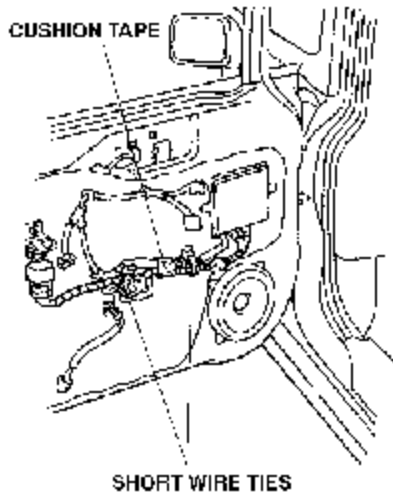
59. Connect the EX door lock wire harness 18-pin connectors to the vehicle harness 18-pin connector and to the power door lock control unit.



60. Connect door wire harness 1-pin connector to the EX door lock wire harness 1-pin connector.
61. Place the 18-pin connector under the power door lock control unit, and reinstall the control unit with the two self-tapping screws you removed.



62. Secure the door lock wire harness to the vehicle harness with two short wire ties and one cushion tape in the areas shown.



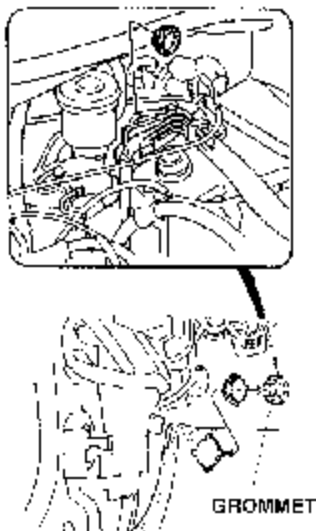
63. Reinstall the door lining.
 64. Check that all wire harnesses are routed properly and all connectors are plugged in.
 65. Reinstall all removed parts.

Installing the Horn Wire Harness

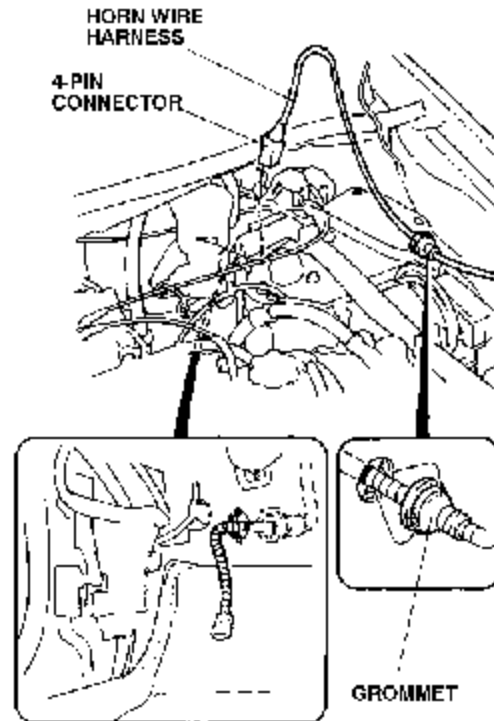
66. Route the horn wire harness through the engine compartment bulkhead:

Without Fog Lights:

- Under the dashboard on the driver's side of the vehicle, remove the insulator by first removing a breakaway section of the insulator indicated by the slits. Then remove the grommet (concealed under the insulator) from the bulkhead.

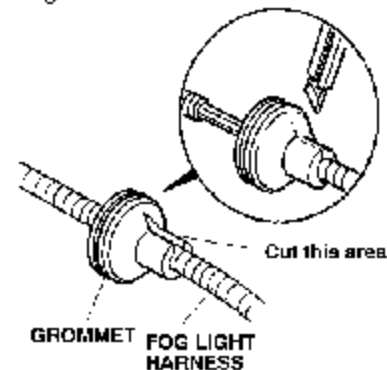


- From the engine compartment, route the 4-pin connector of the horn wire harness through the hole in the bulkhead and into the passenger compartment. Seat the grommet on the wire harness into the hole in the bulkhead.

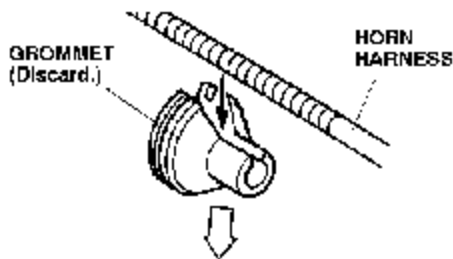


With Fog Lights:

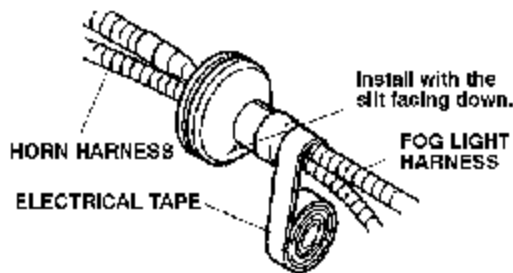
- Inside the engine compartment, remove the wire ties securing the fog lights wire harness.
- Inside the passenger compartment, remove the wire ties securing the fog lights wire harness.
- Pull the grommet of the fog lights wire harness out of the bulkhead and into the passenger compartment. Using a utility knife, carefully cut a slit in the fog light harness grommet.



- From the engine compartment, route the 4-pin connector of the horn harness into the passenger compartment through the hole in the bulkhead.
- Inside the passenger compartment, carefully cut and remove the rubber grommet from the horn harness.



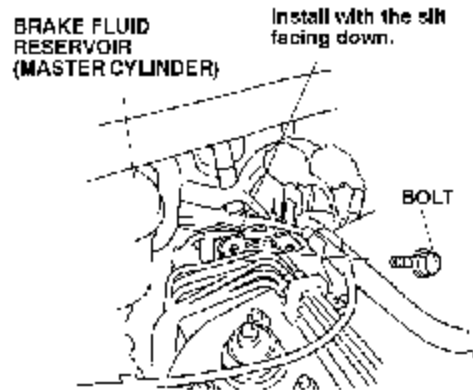
- Pull the 4-pin connector through the fog lights wire harness grommet until the tube ends of both harnesses meet. With the slit in the grommet facing down, wrap electrical tape around both sides of the grommet.



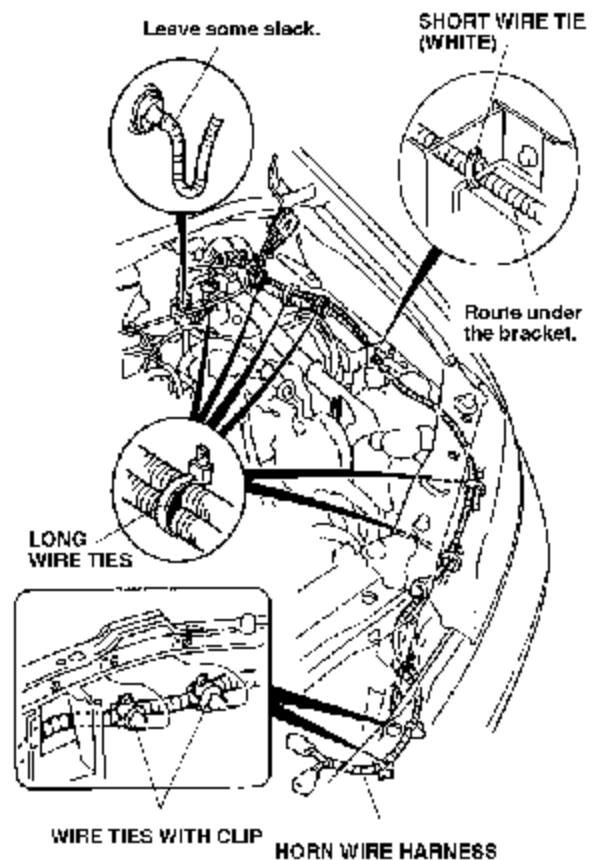
- Seat the grommet on the two wire harnesses into the hole in the bulkhead.

Routing the Wire Harness

67. Locate and remove the bolt securing the resistor bracket near the brake fluid reservoir. Remove the bolt, and move the resistor out of the way.

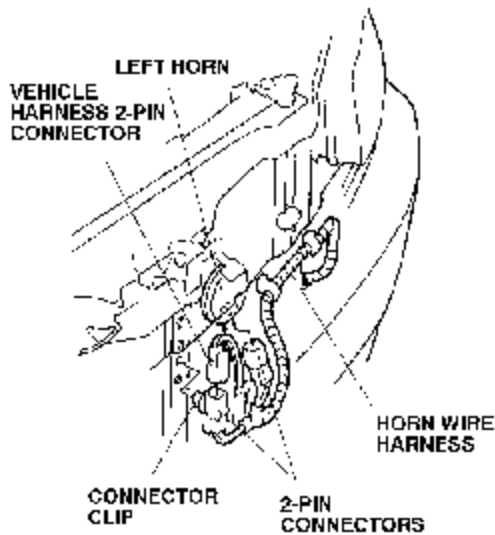


68. Continue routing the horn wire harness through the engine compartment, and secure it to the vehicle harness with one short wire tie and six long wire ties in the areas shown.



69. Push the two clips of the wire ties on the horn wire harness into the holes in the front bumper as shown.

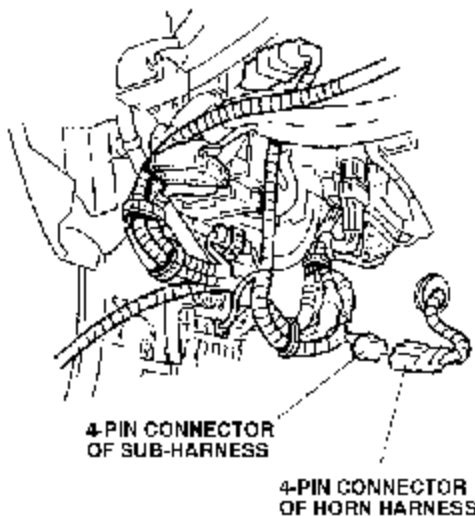
70. Unplug the 2 pin connector from the left horn, and plug the 2-pin connectors of the horn wire harness in between.



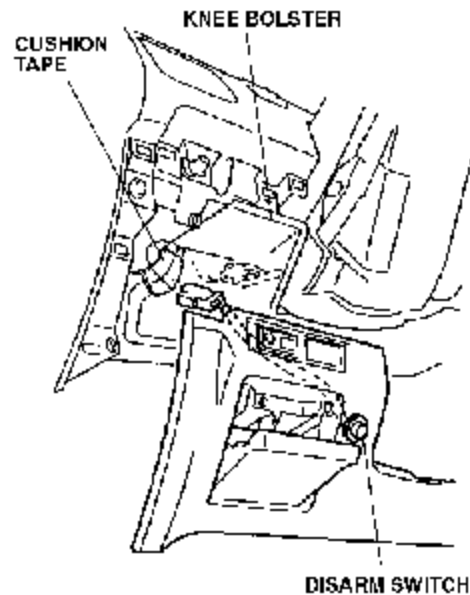
71. Push the clip of the horn harness 2-pin connector into the hole in the bumper stay.

NOTE: If you are installing options (siren kit and hood switch kit) with the security system, install them now before you reinstall parts.

72. Under the dashboard on the driver's side, connect the 4 pin connector of the horn harness to the 4-pin connector of the sub-harness.



73. Reinstall the knee bolster. Connect the 3 pin connector marked **C** of the security system wire harness to the 3-pin connector from the disarm switch. Attach one cushion tape to the edge of the knee bolster.



74. Reinstall the dashboard lower cover.
75. Check that all wire harnesses are routed properly and all connectors are plugged in.
76. Reinstall all removed parts.
77. Reconnect the negative cable to the battery.
78. Check operation of the security system according to the Owner's Manual provided.
79. Enter the customer's radio anti-theft code, and reset the radio station presets.
80. Reset the clock.
81. Place the Security System Owner's Manual in the glove box for your customer.