| | Accessory | A | pplication | Publications No. |
|---|-----------------|----------------------------------|---------------------------|-------------------------|
| INSTALLATION | SECURITY SYSTEM | 2010 | ELEMENT | All 42709 Issue Date |
| INSTRUCTIONS | | | | SEP 2009 |
| PARTS LIST Security System (sold separately) | | Security Syster P/N 08E55-SCV | m Attachment (se /-103 | old separately) |
| Security System (sold separately) P/N 08E51-EP4-101 Security unit | | Security system | harness | |
| | \sim | | | |
| | | | S. | |
| | | 8 Wire ties | <u>و</u> ب | |
| LED | | | | \square |
| | | | | |
| OP | | 2 Cushion tap | es | |
| Push nut | ~ | | | |
| | | | | |
| 2-pin connector (for LED) | | | | |
| | | Wire tie with cor | nnector holder | A |
| | | | | |
| Microphone | | | | |
| | | Holder bracket | Ŭ | |
| S C | | | Ŕ | |
| Window decal | | Unit bracket | | |
| | | | | ~ |
| | | | | |
| Accessory User's Information Manua | | | el | |
| | | Flange nut | | |
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| | | | 6 | |
| | | | | |

TOOLS AND SUPPLIES REQUIRED

- Phillips screwdriver
- Felt-tip pen
- Tape measure
- Eye protection (safety goggles, face shield, etc.)
- Drill

3 mm, 5.5 mm, and 8 mm Bits

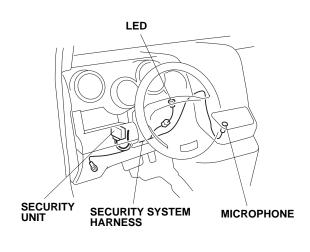
- Isopropyl alcohol
- Shop towel
- Center punch
- File

Ratchet

- 10 mm Socket
- Electrical tape

Masking tape

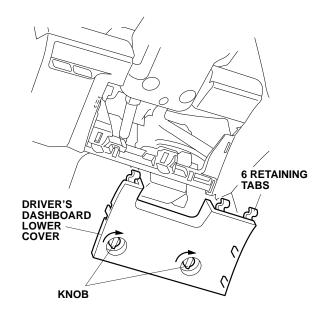
Illustration of the Security System Installed in the Vehicle



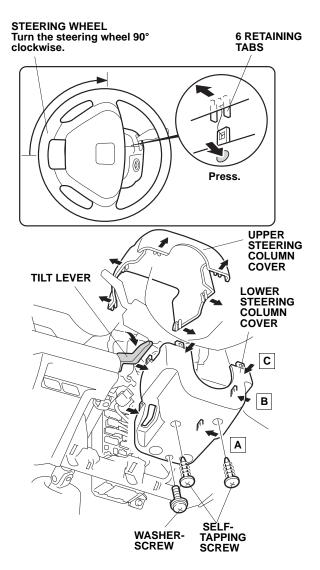
INSTALLATION

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

- 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. Remove the driver's dashboard lower cover (turn the knobs clockwise, then pull the lower cover out toward you to release the six retaining tabs).

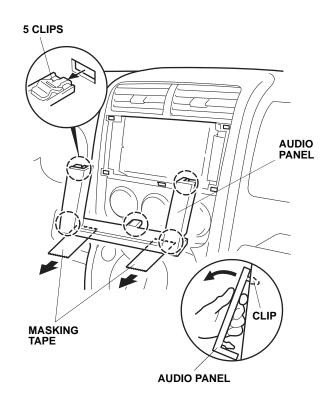


4. Lower the steering wheel using the tilt lever. Remove the two self-tapping screws and one washer-screw from the lower steering column cover.

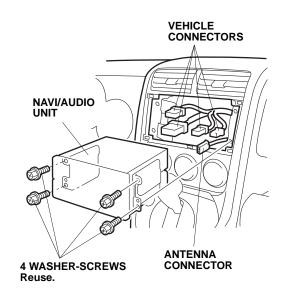


- 5. Separate the upper steering column cover from the lower steering column cover.
 - Turn the steering wheel 90° clockwise, then press point **A** to release the retaining tab.
 - Press point **B** and then **C** to release the retaining tabs, and the retaining tabs on the opposite side will release.

6. Attach pieces of masking tape to the audio panel in the areas shown. Pull the masking tape to release the audio panel (five clips). Take care not to damage the clips.

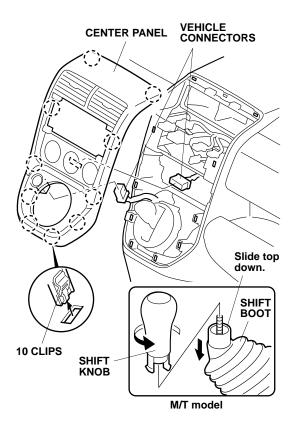


7. Remove the audio unit (four washer-screws), then disconnect the vehicle connectors and the antenna connector.

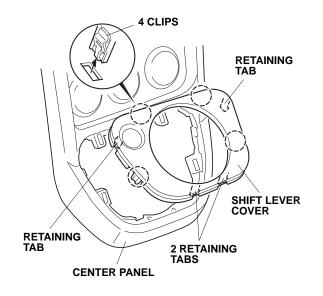


8. Remove the center panel (release the ten clips and unplug the vehicle connectors).

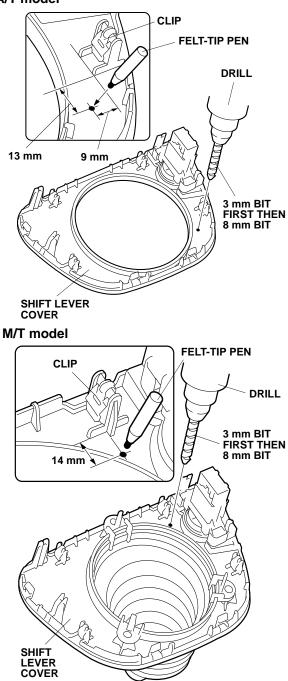
On M/T model: Slide the top of the shift boot down away from the shift knob, then remove the shift knob by turning it counterclockwise.



9. Remove the shift lever cover from the center panel (four retaining tabs and four clips).

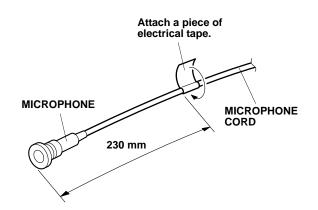


- 10. Measure and mark the shift lever cover as shown.
 - A/T model



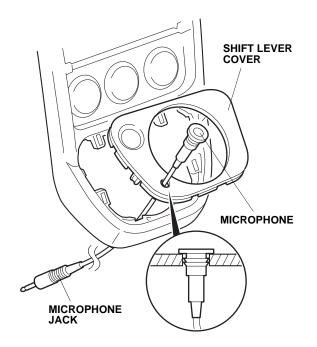
- 11. While wearing eye protection, lightly center-punch the mark, and drill an 8 mm hole through the center-punched mark.
 - First drill a pilot hole with a 3 mm bit, then finish with an 8 mm bit.
 - Remove all burrs.

12. Measure the microphone cord as shown and attach a piece of electrical tape to the cord.

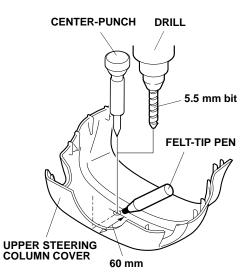


13. Reinstall the shift lever cover to the center panel. Route the microphone jack down through the hole in the shift lever cover and seat the microphone.

NOTE: If the microphone is hard to install, enlarge the hole slightly with a file.

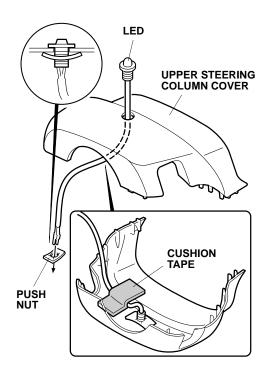


14. Measure and mark the upper steering column cover in the area shown.



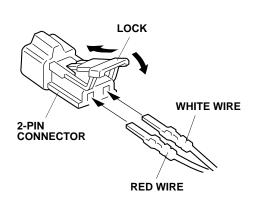
- 15. Lightly center-punch the mark. While wearing eye protection, drill a 5.5 mm hole through the upper steering column cover.
 - First drill a pilot hole with a 3 mm bit, then finish with an 5.5 mm bit.
 - Remove all burrs.

16. Route the terminal ends of the LED through the hole, and secure the LED with the push nut. Using isopropyl alcohol, clean the area where the cushion tape will attach. Secure the LED harness to the back of the upper steering column cover with one cushion tape.

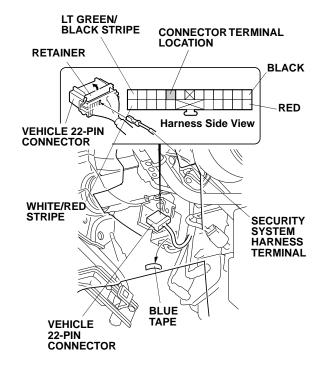


17. Locate the 2-pin connector from the kit. Firmly push the LED terminals into the 2-pin connector, and lower the lock as shown.

NOTE: If the wires are not correctly installed in the connector, the LED will not work.

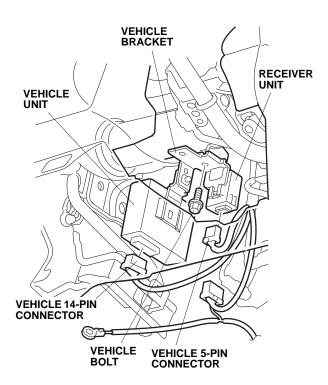


 Working under the dash, locate the vehicle 22-pin connector blue-taped to the vehicle harness. Remove the blue tape to free the vehicle 22-pin connector. Remove the retainer from the vehicle 22pin connector.

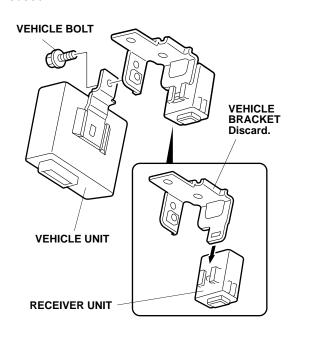


19. Using the illustration above, locate the correct connector terminal location. Install the security system harness terminal into the connector terminal, then reinstall the retainer.

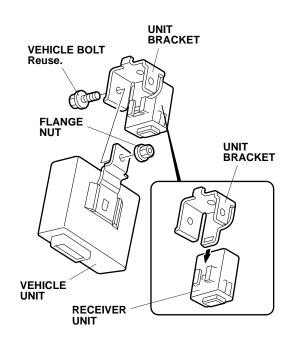
20. Unplug the vehicle 5-pin connector from the receiver unit, and unplug the vehicle 14-pin connector from the vehicle unit. Remove the vehicle bracket (one bolt).



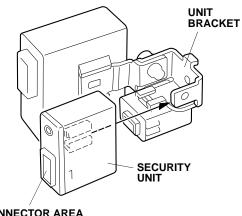
21. Remove the vehicle unit from the vehicle bracket (one bolt). Remove the receiver unit from the vehicle bracket. Set the vehicle bracket aside, it will not be reused.



22. Slide the receiver unit onto the unit bracket.

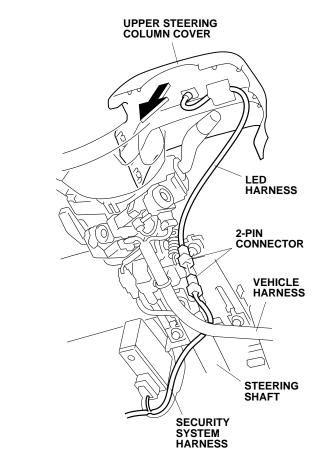


- 23. Attach the vehicle unit to the new unit bracket with the bolt from step 21 and the flange nut from the kit.
- 24. Slide the security unit onto the unit bracket. Do not push on the connector area.



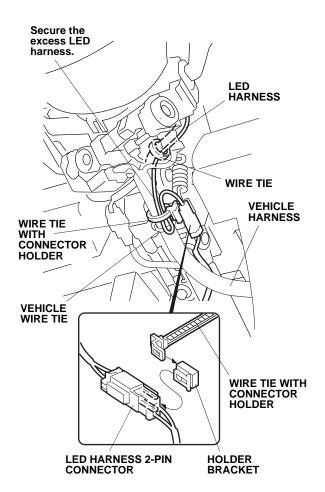
CONNECTOR AREA Do not push here. 25. Remove the bolt that secures the vehicle ground terminal. Attach the security system harness ground terminal.

BOLT Reuse. 28. Reinstall the upper steering column cover, then route the LED harness along the vehicle harness.



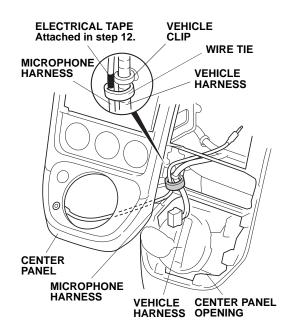
- 29. Route the security system harness 2-pin connector under the steering shaft, and plug it to the LED harness 2-pin connector.
- SECURITY SYSTEM HARNESS SECURITY SYSTEM **GROUND TERMINAL** HARNESS 26. Reinstall the unit bracket. SECURITY UNIT UNIT BRACKET RECEIVER UNIT **VEHICLE 22-PIN** VEHICLE 5-PIN **VEHICLE 14-PIN** CONNECTOR CONNECTOR CONNECTOR BOLT Reuse.
- 27. Reconnect the vehicle 5-pin and 14-pin connectors to the receiver unit and vehicle unit, and connec the vehicle 22-pin connector to the security unit.

30. Secure the LED harness to the vehicle harness with one wire tie.

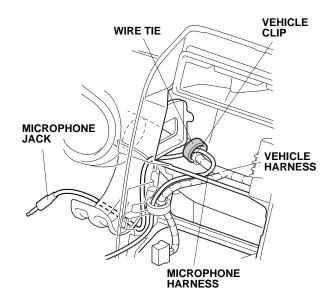


- 31. Slide the holder bracket onto the LED harness 2-pin connector. Attach the wire tie with connector holder to the holder bracket. Secure the LED harness 2-pin connector and the excess LED harness to the vehicle harness with the wire tie with connector holder.
- 32. Reinstall the lower steering column cover to the upper steering column cover.

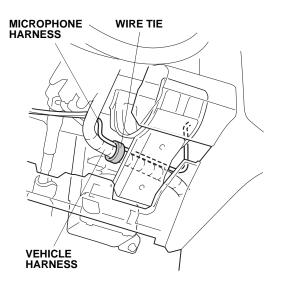
33. With the center panel close to the center panel opening, secure the microphone harness to the vehicle harness with one wire tie at the electrical tape attached in step 12.



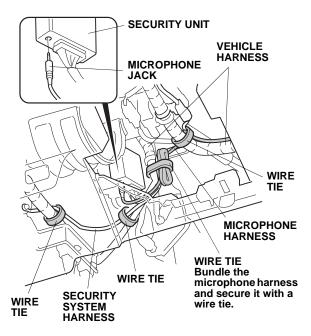
34. Route the microphone jack along the vehicle harness, then secure the microphone harness to the vehicle harness with one wire tie in the area shown.



35. Secure the microphone harness to the vehicle harness with one wire tie in the area shown.

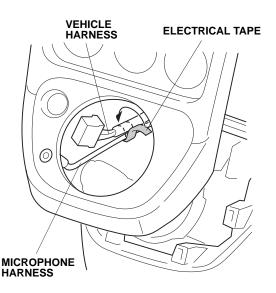


36. Route the microphone jack along the vehicle harness and the security system harness, then plug it into the security unit.



- 37. Secure the microphone harness and the security system harness to the vehicle harnesses with four wire ties in the areas shown.
- 38. Bundle the excess microphone harness and secure the bundle with one wire tie as shown.

39. Secure the microphone harness to the vehicle harness with electrical tape.



- 40. Check that all wire harnesses and cables are routed properly and that all connectors are plugged in.
- 41. Reinstall all removed parts.
- 42. Reconnect the negative cable to the battery.
- 43. Enter the customer's radio anti-theft code, and reset the radio station presets.
- 44. Reset the clock.
- 45. Check the operation of the security system according to the Accessory User's Information Manual.

NOTE: When the battery is disconnected, the driver's window AUTO function is disabled.

- Start the engine. Push down on the driver's window switch until the window is fully open.
- Pull up on the driver's window switch fully to close the window completely, then hold the switch for 1 second or more.
- Lower and raise the window to check operation of the driver's window AUTO function.