

FEB. 12. 2003 2:48PM

AEM SERVICE COMMUNICATIONS

NO. 0002

# AQUIRA

## INSTALLATION

### INSTRUCTIONS

Accessory

WING SPOILER

Application

'91-92 LEGEND  
A/CRAZY

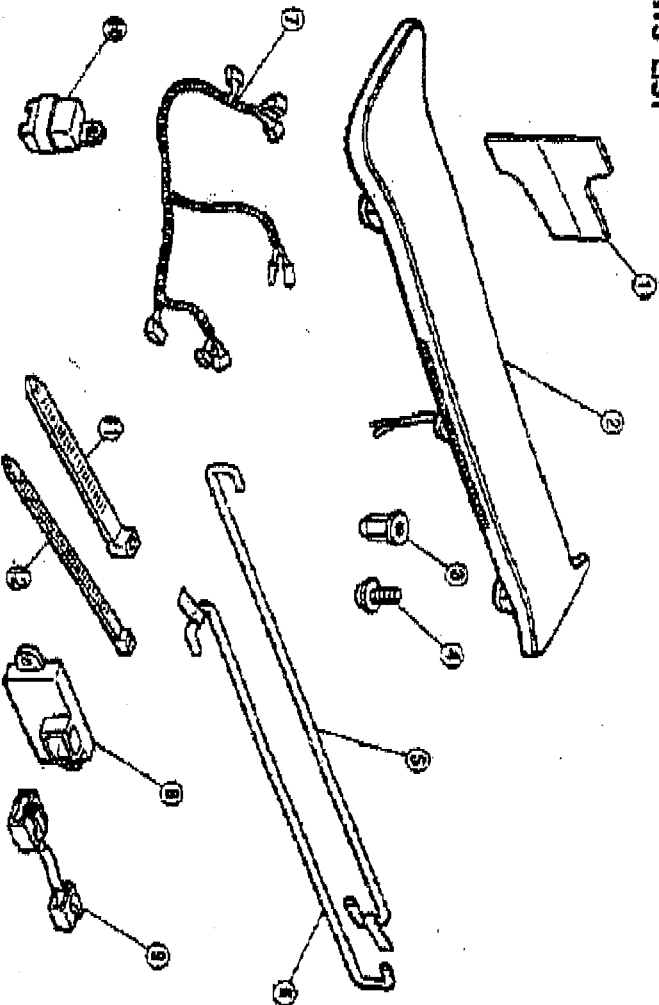
Publications No.

812 14967

Year Make

NOV 1991

## PARTS LIST



QTY	DESCRIPTION
1	Template
1	Wing Spoiler
1	Cap Nut with Assort Washer
1	Bolt with Assort Washer
4	Trunk Spring (quainted rear)
1	Trunk Spring (quainted yellow)
1	Spoker Harness
1	Stoplight Sensor
1	Sensor Harness
1	Relay
5	Plastic Wire Tie (Range)
3	Plastic Wire Tie (Spray)

## TOOLS REQUIRED

- Phillips® Screwdriver
- T-wrench
- Center Punch
- Electric Drill Motor
- 1/8, 5/16 & 10 mm Drill Bits
- File-knapped Pen
- Touch-up Paint
- File
- Tape Measure
- Sharp Hing Pliers
- Rubber Mallet
- Trunk Spring Remover/Installer (OSH #0-SM4-106)

Route #1 Fax Alone

7871

Name

Address

City

State

to: NISSA

Outside: 61075

Phone: 615-377-0500

Fax: 615-461-4422

Phone: TEN Tenor

Fax: TEN

Phone: 713-3525

Fax: TEN

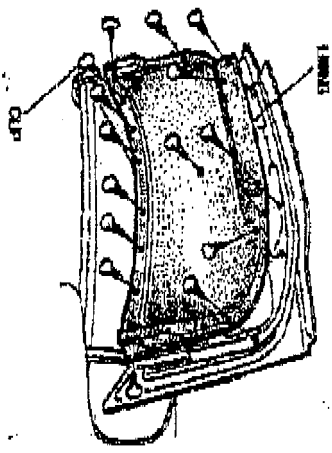
### INSTALLATION

#### Before You Begin:

- Be sure the area to be covered is clean and has been waxed with high quality paste wax.
- The negative of the audio unit will be exposed when the battery is disconnected. Record the present resonator before disconnecting the negative cable from the battery.

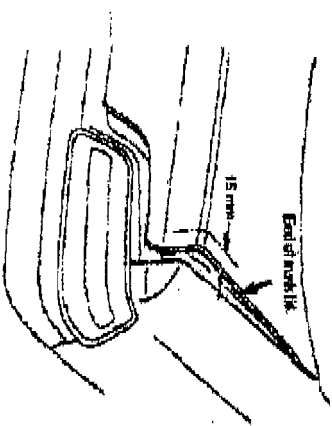
#### Spoiler Installation

1. Open the trunk lid and remove the trunk lining using snap HING PLATES.



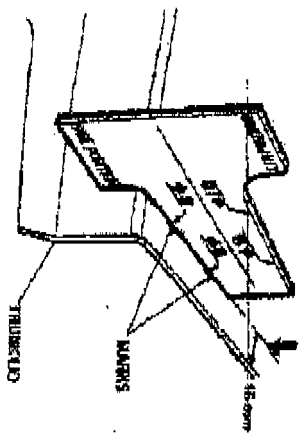
2. Measure 15 mm inward from each end of the

slits through the mark parallel with the end of the trunk lid as shown, using a ball-tipped pen.

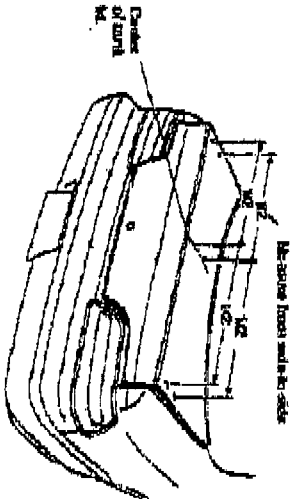


- 3.

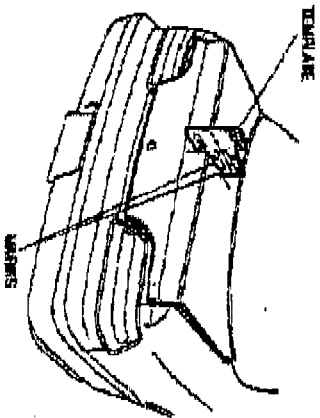
Position the templates on the trunk lid along the line with the mark "SIDE POSITION" facing down as shown. Mark the trunk lid as indicated on the template, using a ball-tipped pen. Repeat for the other side.



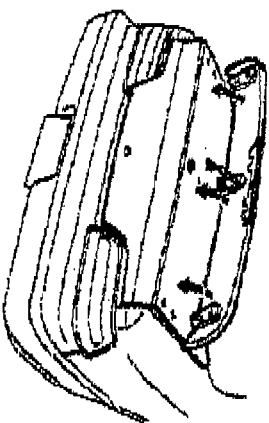
4. Determine the exact center point of the trunk lid marks made in step 3 and divide the measurement in half. Make a mark on the trunk lid at the center point as shown, using a felt-tipped pen.



5. Position the template on the truck lid with the mark "CTR POSITION" down and aligning it with the center mark as shown. Mark the trunk lid as indicated on the template, using a felt-tipped pen.



6. Heat the spoiler above the trunk lid and check the holes in the spoiler.

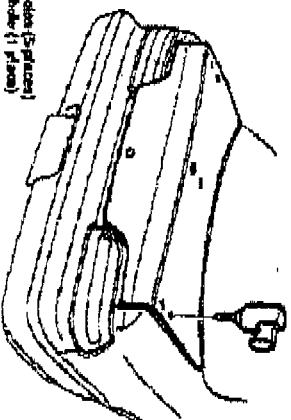


7. When you are satisfied that the marks are properly aligned, remove the spoiler and center punch each marker. Drill five 6 mm holes and one 30 mm hole through the punched marks as described.

- Have an assistant hold the trunk lid open when drilling the holes.
- First drill pilot holes with 3 mm and 5 mm drill bits, then finish with 6 mm and 10 mm drill bits.
- Remove all burrs and apply touch-up paint on both sides.

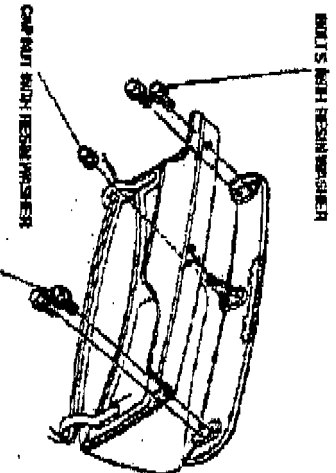
### A WARNING

Before drilling, wear a face shield to prevent eye injury.

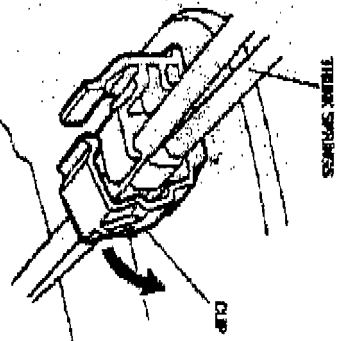


a. 6 mm holes (5 places)  
b. 30 mm hole (1 place)

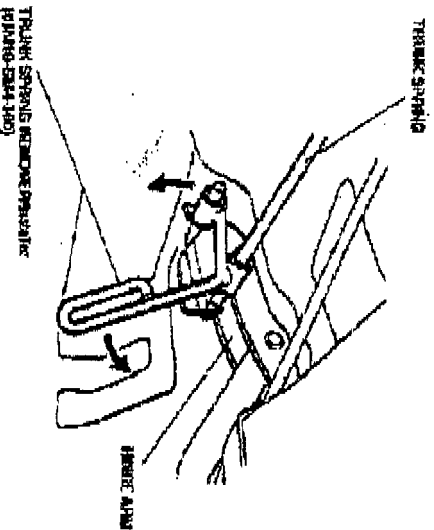
8. After the touch-up paint is dry, hold the spoiler down through the pre-drilled 10 mm holes as shown. Fit the spoiler into position on the trunk lid. Install a bolt with resin washer on each of the outer pre-drilled holes and a cap nut with resin washer on the end of the stud protruding from the spoiler. Torque all bolts and cap nut to 0.8 - 1.2 kg/cm tension.



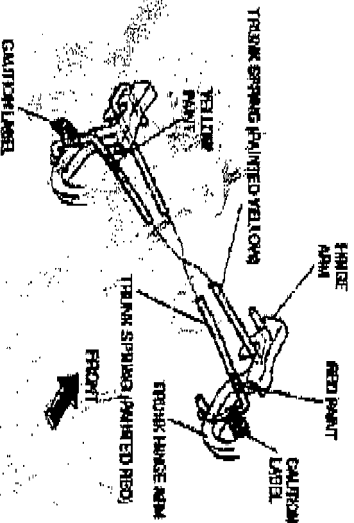
9. With an assistant holding the trunk lid open, remove the center clip.



10. Remove the old trunk springs from the swing hinge arms using the tool provided. Wearing gloves, pull the tool toward you while rotating.

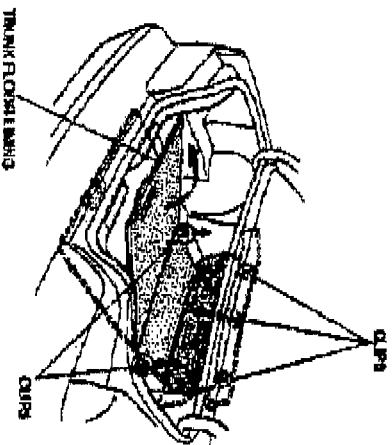


11. Install the heavier-duty trunk springs as follows:
- Seat the tool on the unwaxed end of each trunk spring.
  - The spring painted yellow goes on the left side of the car; the end painted red goes on the right side. Wearing gloves, pull the tool toward you while rotating.

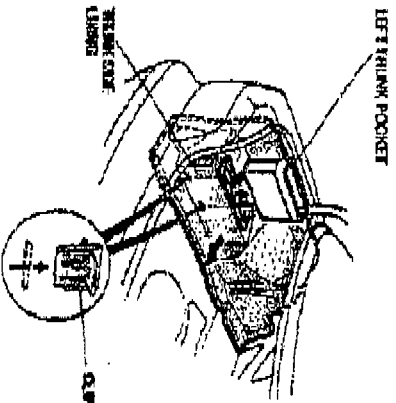


## WIRE HARNESS ROUTING

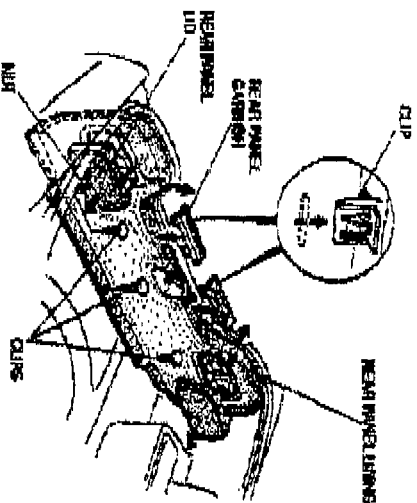
1. Remove the five clips, then at the rear tray and top at the trunk floor, and remove the trunk floor lining.



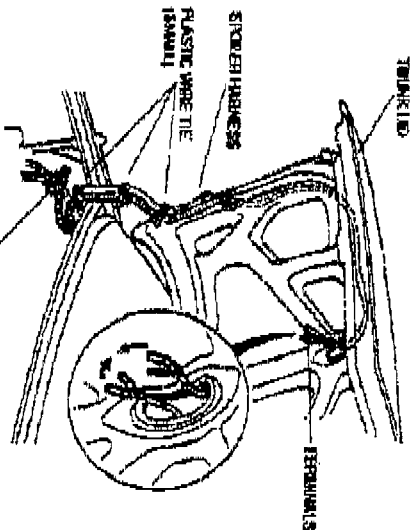
2. Remove the left trunk pocket by seeing it upward and releasing the two clips at the bottom as shown.
3. Remove the left trunk side lining.



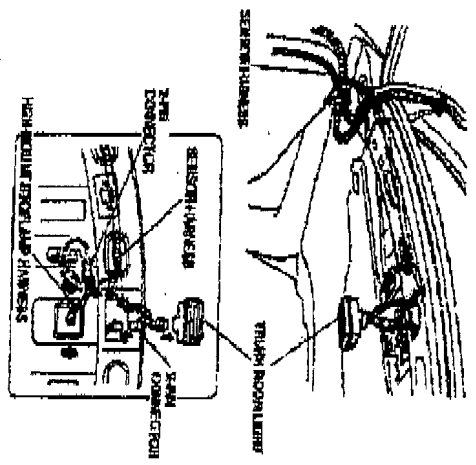
4. Remove the nut that fastens the rear panel lid as shown in the cut.
5. Remove the two rear panel gaskets by lifting them upward and releasing the clips at the bottom as shown.
6. Remove the three clips fastening the rear panel lining and removing the lining.



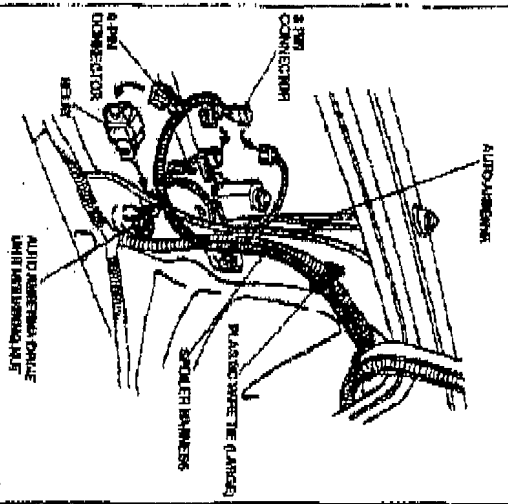
7. Route the spoiler harness up through the left hole in the trunk lid and out out through the carrier hole as shown. Connect the spoiler harness to the spoiler as shown.
8. Secure the spoiler harness to the trunk hinge arm with a long plastic wire tie and three short plastic wire ties as shown.



- 8. Remove the work socket light and unplug the 2-pin connector from the truck beam light.
- 10. Route the speaker harness through the rear shelf as shown, and connect the 2-pin connector to the transmitter you just unplugged, and the trunk room light.
- 11. Unplug the 2-pin connector from the high-mount edgeplug and plug the connector to the 2-pin connector of the speaker harness as shown.



- 12. Loosen the bottom antenna mounting nut and insert the bracket of the relay between the antenna bracket and the bottom nut. Tighten the nut securely.
- 13. Plug the 8-pin connector of the speaker harness into the relay.
- 14. Unplug the 3-pin connector from the antenna motor. Connect the 2-pin connector of the antenna harness to the connector just unplugged on the antenna motor as shown.
- 15. Secure the antenna harness using a short ribbon tie as shown.

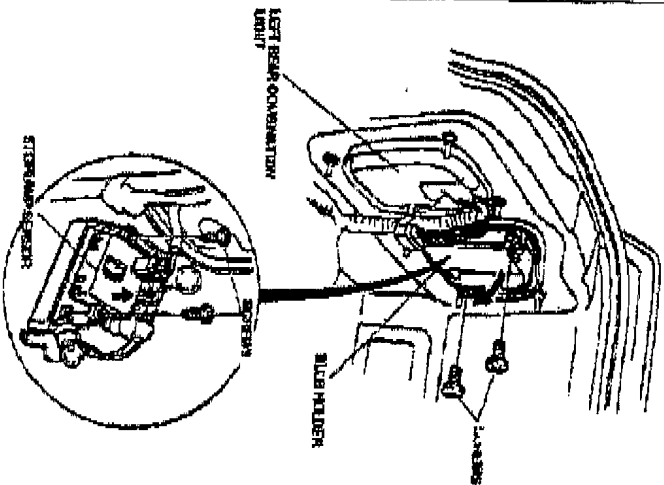


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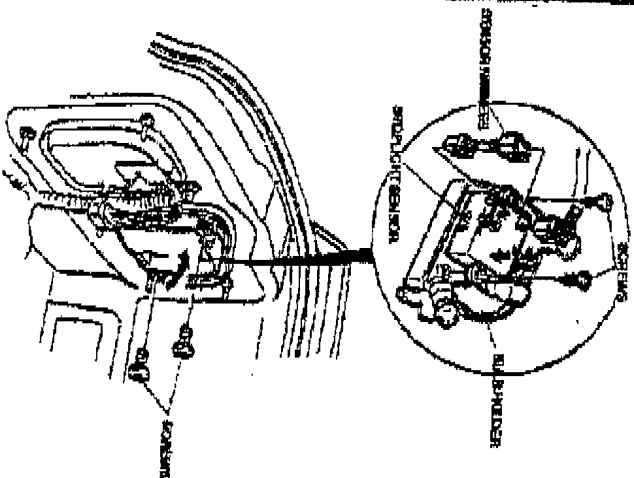
Part No. 7555

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18. Remove the two screws that hold the left bulb holder and remove the bulb holder.
17. Finish the two screws that hold the stoplight sensor to the bulb holder. Label the connector from the stoplight sensor. Fasten only the two screws for reinstallation.



18. Position the stoplight sensor provided on the bulb holder and install the two screws removed in step 17. Tighten securely.
19. Peg the connector of the sensor harness into the stoplight sensor and the connector unpegged in step 17 as shown.
20. Reinstall the bulb holder, rear panel lining and turn side lining in the reverse order of removal.



21. Check that all wire harnesses and connections are routed and connected properly.
22. Reconnect the negative cable to the battery and check that all the lights operate properly.
23. Press the radio station preset.