

Subject: Trunk Lid Wiring Harness

Application:,9000 CD

CATEGORY	
Electrical	
SECTION	PAGE
3	34
ISSUE	CODE
10/92-0262	371

Replaces PSI 09/92-0252

NOTE: THIS BULLETIN IS A COMPILATION OF THE INFORMATION CONTAINED IN PSI 06/92-0223 AND S.I. 11/89-1193 AND IS THE ONLY ISSUE THAT SHOULD BE REFERRED TO WHEN WORKING ON THE TRUNK LID WIRING HARNESSSES.

To prevent possible wiring chafing or crimping in the trunk lid hinge, new wiring harnesses were introduced in production from VIN N1 016871. This modified harness is now run outside of the trunk hinge, encased in a cable conduit (see Figure 1).

When investigating complaints of electrical component malfunction in the trunk area, or when replacing the trunk wiring harnesses, make certain the procedures outlined below are followed.

Cars Affected:

All 1989-92 9000 CD Models

Parts:

When replacing the wiring harness, a **complete conversion kit 85 48 564**, (see Figure 2), as well as the required harnesses must be ordered. See parts microfiche for correct harness application information.

Conversion Kit

86 48 554

Consists of:

1. Cable conduit (A) 43 53 538
2. Corrugated duct with cable tie (B) 43 54 817
3. Screw (C) 84 10 961
4. Cable tie with stud (D) 8.5 52 663

Trunk Harness (see microfiche) 43 53 702 (1999)
(Supersedes 41 10 516)

Cable Harness (see microfiche) 43 53 728 (1990)

Cable Harness (see microfiche) 43 53 736 (1991)

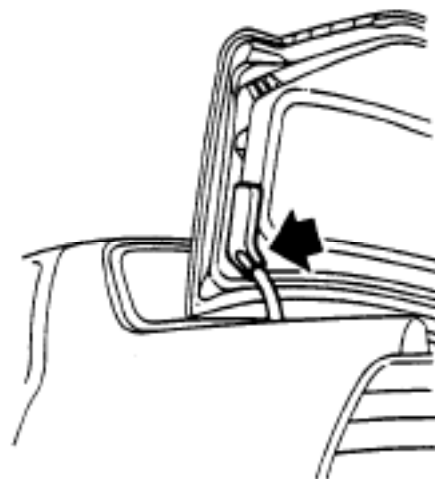


Figure 1. Cable Conduit

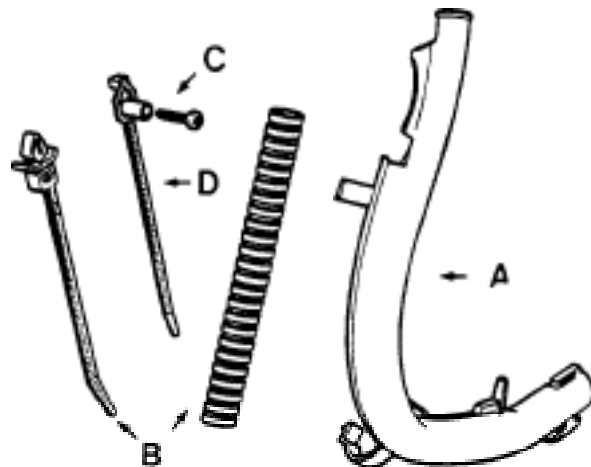


Figure 2. Cable Conduit (A), Corrugated Cable Duct with Cable Tie (B), Screw (C) and Cable Tie with Stud (D)

Action:

1. Remove the rear seat backrest.
2. Access the 8-pin and 2-pin connectors for the trunk lid wiring by folding the left-side trunk trim aside.
3. Unplug the 8-pin and 2-pin connectors. Disconnect the following leads in the male connectors (see Figure 3):

8-pin connector pin 1 (green)
 pin 5 (brown)
 pin 7 (black)

2-pin connector: pin 1 (brown/white)
 pin 2 (violet)

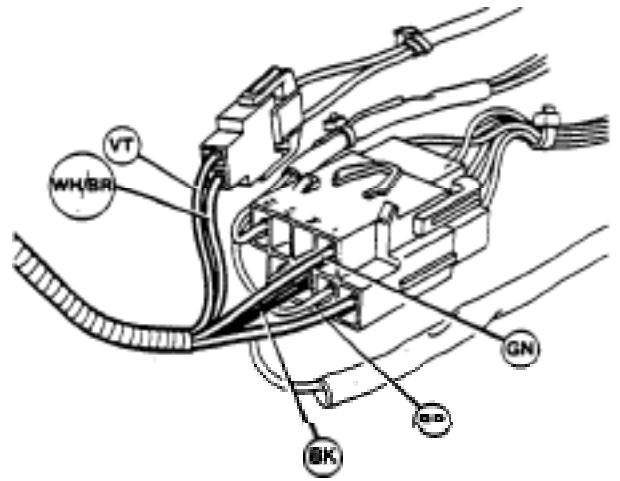


Figure 3. 8-pin and 2-pin connectors

4. Cut the cable tie securing the wiring to the body (see Figure 4).

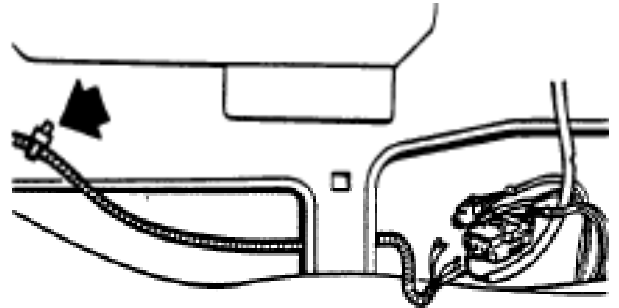


Figure 4. Cable Tie Securing Wiring to Body

5. Remove and discard the plastic locating piece on the hinge (see Figure 5).

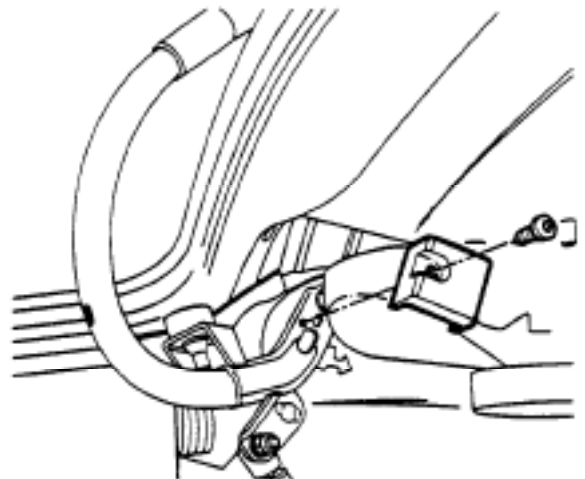


Figure 5. Plastic Locating Piece

6. Remove the plastic cover **from** the hinge. Loosen the trim on the trunk lid at bottom left-hand corner.

Slacken the wire by drawing it through the hinge (see Figure 6).

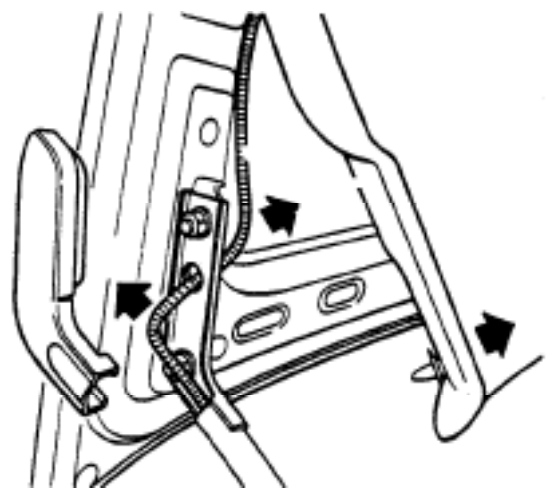


Figure 6. Drawing Wire Through Hinge

7. Drill a 3mm hole as shown in Figure 7, being careful not to damage the outer body panel. Also make certain to rustproof the hole when finished drilling.

NOTE; On some late 1991 cars and 1992 models up to VINN1016871, a stud is already welded in this location. If such a stud is there, it is not necessary to drill the 3mm hole.

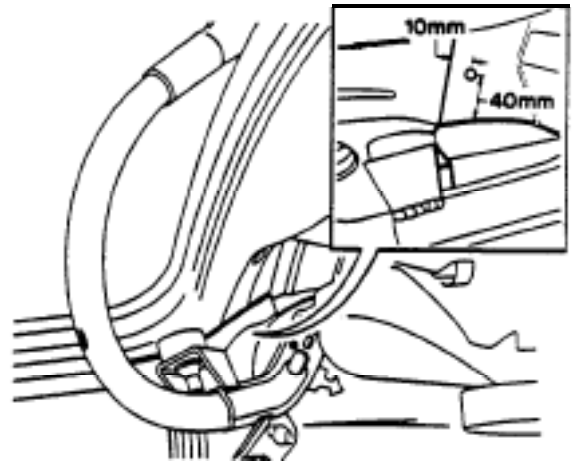


Figure 7. Drilling 3mm hole

8. Holding the wire outside the hinge, strip off approximately 200 mm (approximately 8 inches) of the tape or protective sheathing (see Figure 8).

NOTE: It is extremely important to strip off this protective tape or sheathing. If you do not, the wiring could possibly break due to flexing against itself.

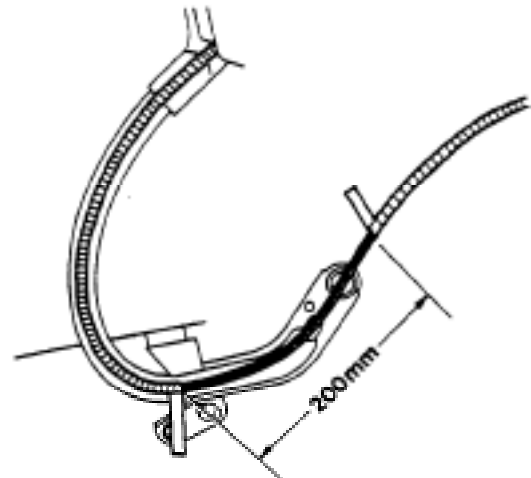


Figure 8. Stripping Off Protective Tape

9. Thread the wire through the corrugated cable duct 45 54 817. The cable tie should face towards the front the car (see Figure 9).

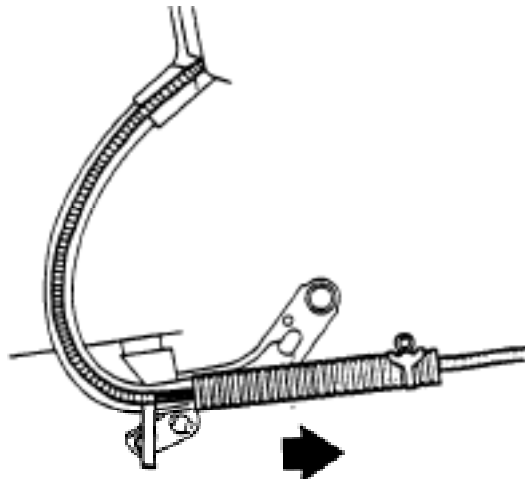


Figure 9. Threading Wire into Corrugated Cable

10. Fit the corrugated cable duct into the cable conduit 43 53 538 (see Figure 10).

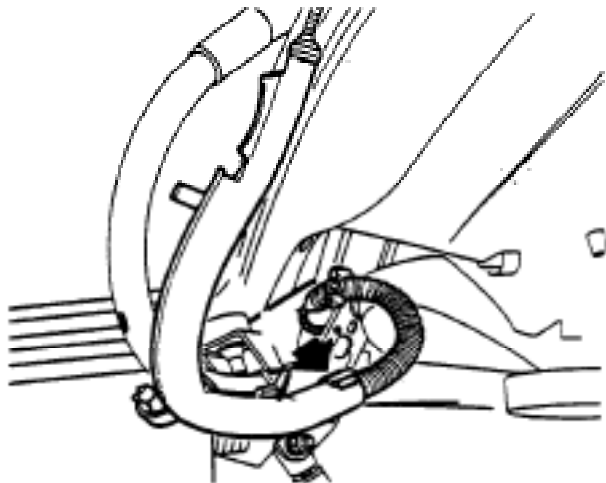


Figure 10. Fitting Corrugated Cable Duct

11. Clip the cable conduit to the hinge and re-run the wiring (see Figure 11).

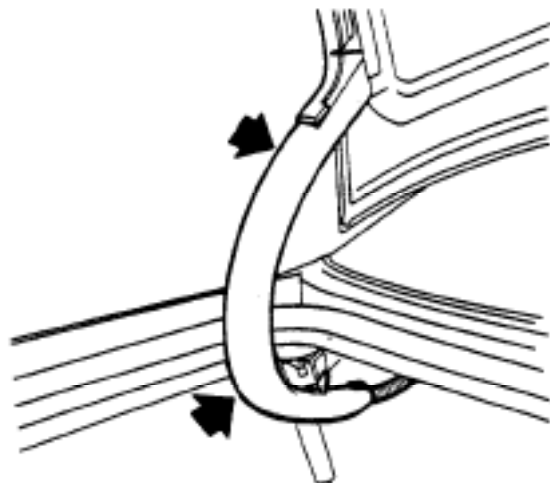


Figure 11. Clipping conduit to hinge

12. The cable tie should be secured using screw 84 10 961 in the hole previously drilled, or, press the cable tie onto the stud already fitted (see Figure 12).

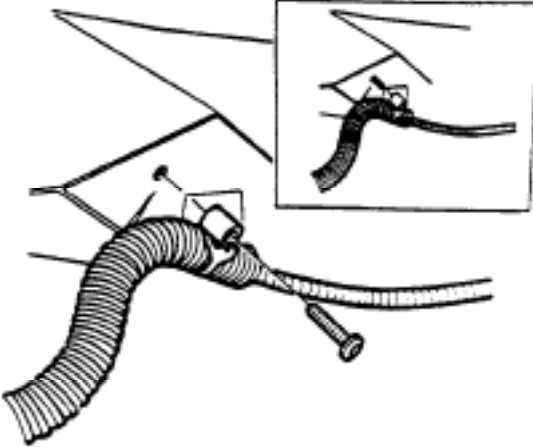


Figure 12. Securing Cable Tie

13. Install the cable tie with stud, 85 52 663 on the wiring harness and secure it in place (see Figure 13).

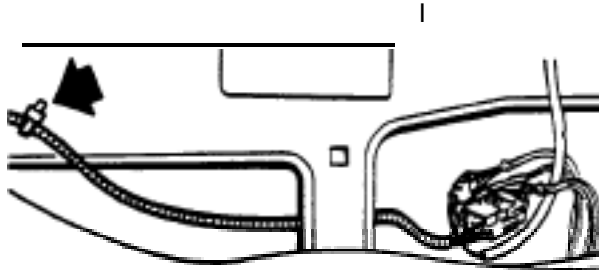


Figure 13. Installing Stud on Cable Tie

14. Reconnect the leads in the 8-pin and 2-pin connectors. Plug the connectors together (see Figure 13).

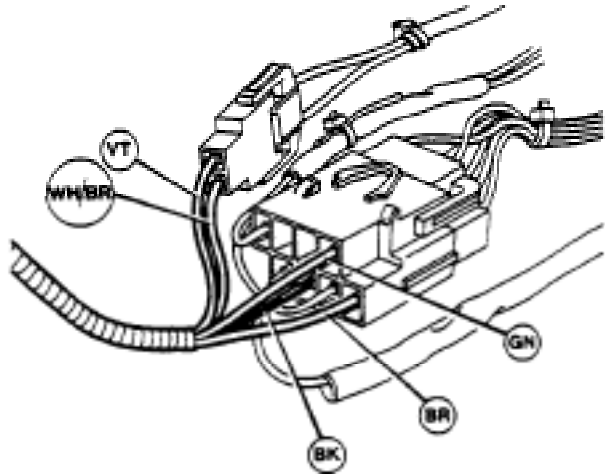


Figure 14. Reconnecting 8-pin and 2-pin connector leads.

15. Verify that all electrical functions in the trunk area are operational (trunk light, taillights, etc.).
16. Refit the trunk trim, plastic hinge cover, trunk lid trim and the rear seat backrest.

Warranty information:

For warranty repairs, use Failure Coding 37151-32-0-01-01. Time allowance is Labor Operation 37151 (0.9 hour) plus 0.2 hour entered in straight time.