

DATE: DECEMBER 6, 1996
MODEL YEAR: 1995, 1996, and 1997
MODELS AFFECTED: UD1800/UD2300/UD2600/UD3000
BULLETIN #: SC - 216
FILE AT THE END OF THE ELECTRICAL SECTION IN THE TECHNICAL BULLETIN BINDER

VOLUNTARY SAFETY RECALL CAMPAIGN # 96V - 216

CAB FLOOR WIRING HARNESS INSULATION INSTALLATION

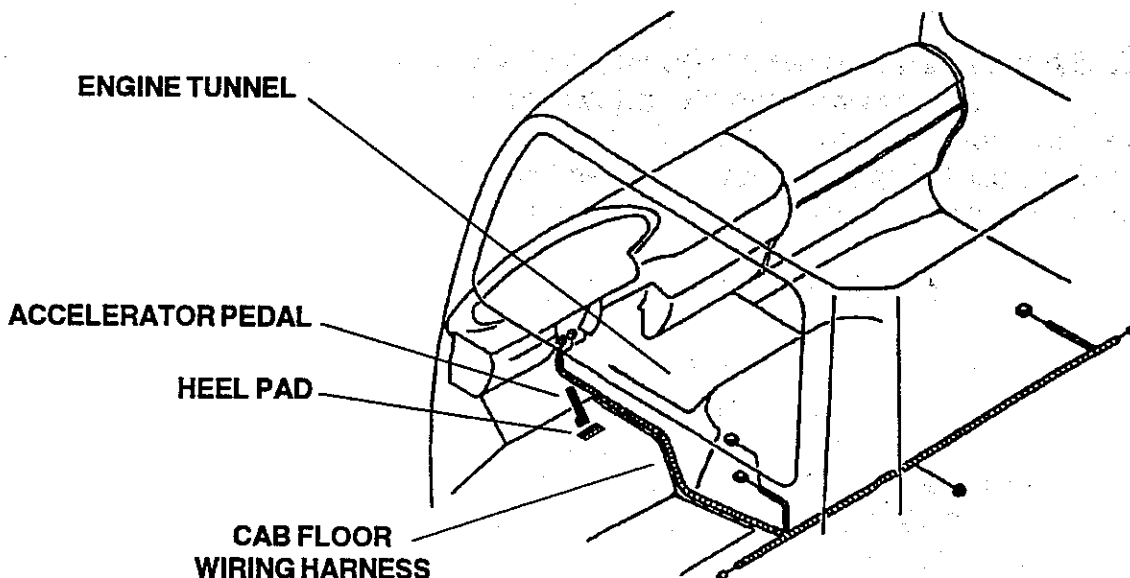
MODELS AFFECTED:

All 1995, 1996, and some 1997 model year UD1800, UD2300, UD2600, and UD3000 vehicles not completed while in port inventory. Each dealer will receive a computer listing of all affected vehicle numbers either in unsold inventory or retail delivered to customers by the dealer. The applicable vehicles, listed below by model and VIN, involved in this safety recall are as follows:

- UD1800, from JNAMA20HXSGF50001 to JNAMA20H9VGK60334
- UD2300, from JNALC20HXSGD50001 to JNALC20HXVGD60032
- UD2600, from JNAPA20H7SGN50001 to JNAPA20H0VGG60007
- UD3000, from JNAPB20H8SGL50001 to JNAPB20H2VGL60012

DESCRIPTION:

The possibility exists that these vehicles may experience cab floor wiring harness chafing or rub through in the portion of the harness between the driver's seat and the accelerator pedal causing possible breakage of the wiring harness and exposure or breakage of the wiring. Breakage of the wiring could cause loss of electrical power to various vehicle components or systems, including the windshield wipers.



DESCRIPTION (continued):

The repairs to correct this condition consist of installing double-layered corrugated insulator tubes and padded insulated tape on the cab floor wiring harness. If any of the wires in the harness have been broken, they should also be repaired.

All owners of affected vehicles will be instructed by mail to make an appointment with a UD Truck Dealer to have this safety recall performed. This repair will be made free of charge to the owner.

The National Highway Traffic Safety Administration has assigned the identification number 96V - 216 to this safety recall. This number must appear on all communications and documentation of any nature related to the campaign described in this bulletin.

ADMINISTRATION / DEALER RESPONSIBILITY:

Proceed immediately to make the necessary repairs to affected inventory vehicles. All inventory vehicles subject to this safety recall must be corrected prior to sale, transfer, or delivery. Each dealer will receive a computer listing of all affected vehicle numbers in either unsold inventory or delivered to customers by the dealer. With this computer listing, the dealer will receive an "Authorization For Recall Service" card for all unsold or undelivered inventory vehicles. This card must be filled out correctly and returned to the address shown on the card whether the vehicle was repaired, transferred, sold, etc. (see UD Warranty Policies & Procedures Manual, Part III, Section 1, Pages 1 through 5).

PARTS INFORMATION:

The parts kits required to complete the repairs as described in this Recall Bulletin are available immediately for UD Dealers to order through the NDA Parts Department. Refer to the attached computer list to order the required number of kits to repair the listed vehicles.

KIT PART NUMBER	PART NAME
24002 - 32Z14	SP. KIT HARN.

NOTE: Each kit part number will be shipped to the dealer in unit packs of five (5).

Please order the kit part number in multiples of five.

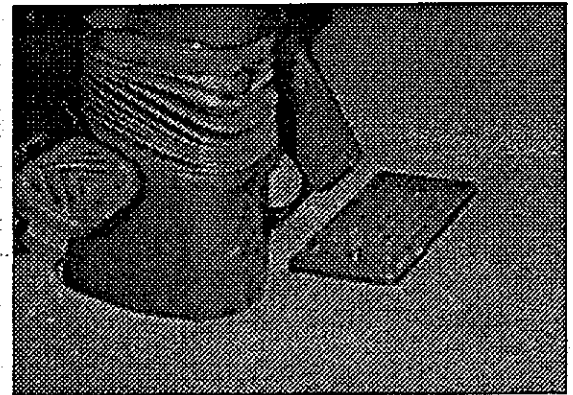
For example, if the dealer has three trucks to repair, a quantity of five should be ordered. If the dealer has seven trucks to repair, a quantity of ten should be ordered. Dealers are authorized to return the unused parts kits, without incurring a handling charge, to the NDA Parts Dept.

The following items will be included in one box:

- 1 ea. roll electrical tape 18mm wide
- 5 ea. small diameter corrugated tubes
- 5 ea. large diameter corrugated tubes
- 5 ea. 160mm x 350mm large rectangular padded insulated tapes
- 15 ea. 130mm x 130mm square padded insulated tapes
- 20 ea. 50mm x 100mm small rectangular padded insulated tapes

SERVICE INFORMATION:

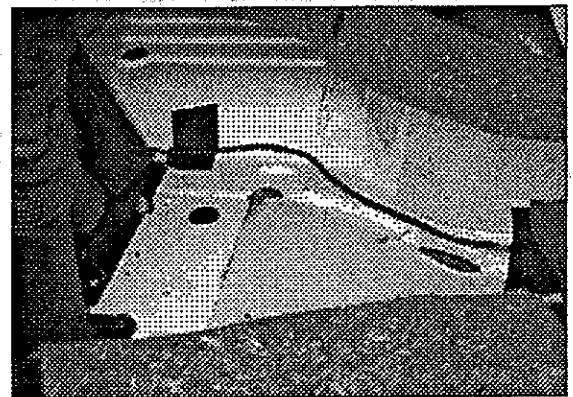
1. Remove the accelerator pedal heel pad from the floor panel using a Phillip's head screwdriver or 10mm socket.



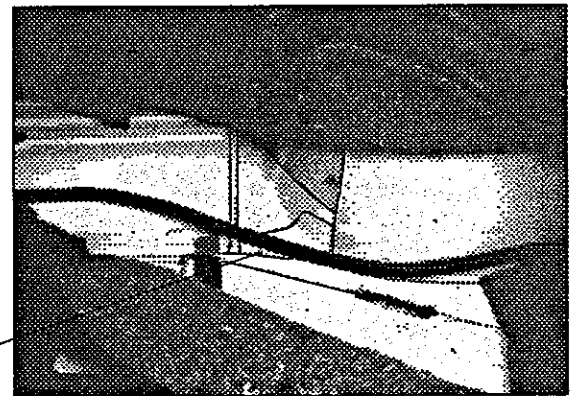
2. Pull back the floor mats to expose the cab floor wiring harness that runs against the engine tunnel.

Remove the existing tapes that secure the wiring harness to the engine/floor panel.

Remove all loose dirt from around the wiring harness. Use a mild cleaning solution to remove any residual adhesive from the floor/engine panel. Allow the area to dry thoroughly before continuing.

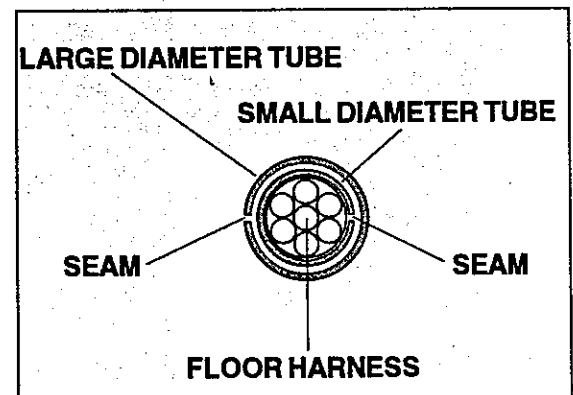


3. Install the small diameter corrugated tube over the wiring harness from the accelerator pedal to the driver's seat base. Push the tube all the way down the length of the harness between the driver's seat and the engine tunnel as far back as possible.

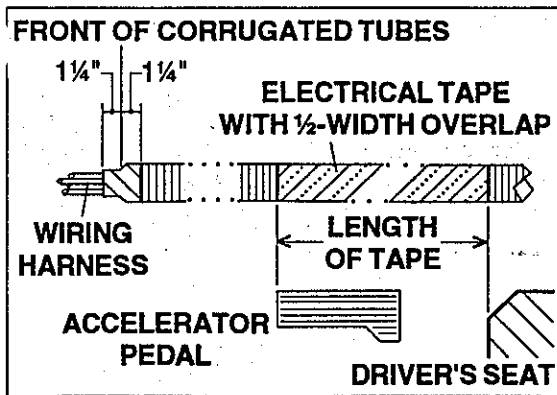


Note location of floor panel seam at base of shift tower.

4. Install the large diameter corrugated tube over the small diameter corrugated tube with the seam 180° apart from the seam of the small diameter corrugated tube, as shown in the figure on the right.

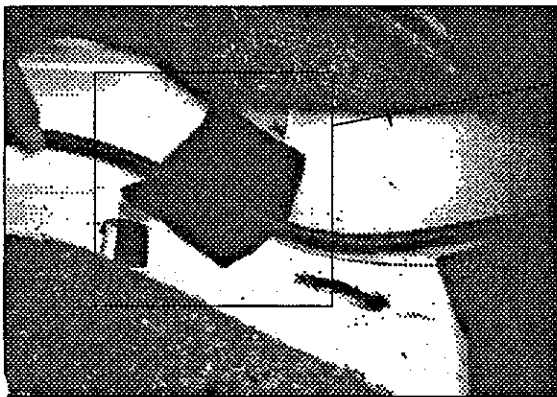


SERVICE INFORMATION (continued):



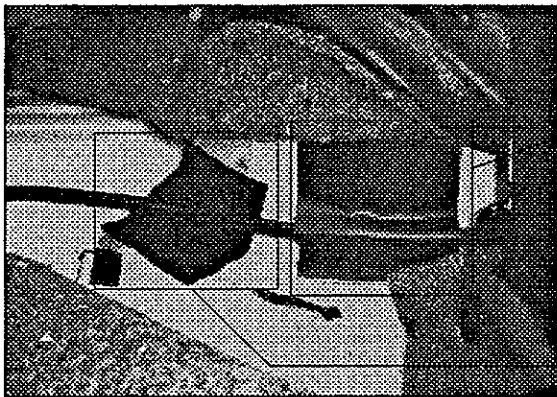
5. Secure the front of the corrugated tubes to the wiring harness with electrical tape as shown in the figure on the left.

Wrap electrical tape around the large diameter corrugated tube overlapping each turn 1/2 of the tape's width, as shown in the figure on the left.



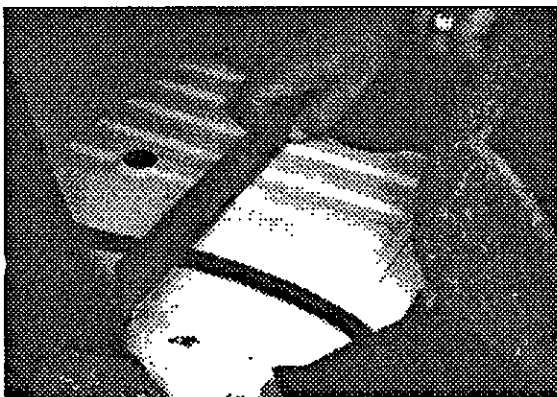
6. Apply one piece of square padded insulated tape to the floor panel seam at the base of the shift tower, as shown in the figure on the left.

NOTE: The padded insulated tape acts as a friction insulator between the wiring harness and the floor panel seam.



7. Secure the wiring harness to the engine tunnel approx. 1" above the floor panel with a piece of small rectangular padded insulated tape. Apply a piece of square padded insulated tape over the harness to permanently secure it in place.

Apply another piece of square padded insulated tape over the piece previously installed at the base of the shift tower in step 6 above.



8. Lay a straight-edged ruler across the floor panel directly in front of the engine tunnel. Align the wiring harness below the edge of the ruler, as shown in the figure on the left, and secure it to the floor panel with pieces of small rectangular padded insulated tape. Permanently secure the wiring harness in place with the long rectangular piece of padded insulated tape.

SERVICE INFORMATION (continued):

9. The finished results should resemble the figure on the right.

Reinstall the floor mats and the accelerator pedal heel pad.



WARRANTY INFORMATION:

Expenses for installing the cab floor wiring harness double-layered corrugated insulator tubes as described in this Recall Bulletin are to be recovered through the standard UD Warranty Claim Procedures as listed in the UD Warranty Policies & Procedures Manual, PART III and PART V. Please attach the "Authorization For Recall Notification Service" card to the UD Warranty Claim Sheet. Use the following special information to prepare your warranty claims:

TROUBLE CODE: 40000129

FAILED PART NUMBER: 24009 - 34Z00

FAILED PART NAME: FLOOR HARNESS ASSY.

REPAIR DESCRIPTION: PERFORM VOLUNTARY SAFETY RECALL CAMPAIGN # 96V - 216

LABOR OPERATION NUMBER: 892 - X

LABOR TIME ALLOWED: 0.8 HRS. (ADDITIONAL TIME MAY BE ALLOWED FOR REPAIRING BROKEN WIRES, IF NECESSARY.)

FOR THE INDICATED PERSONNEL BELOW, PLEASE READ, INITIAL, AND ROUTE TO THE FOLLOWING:					
X	DEALER PRINCIPAL	X	SERVICE MANAGER	X	WARRANTY MANAGER
X	PARTS MANAGER	X	SHOP FOREMAN	X	SERVICE TECHNICIANS INITIAL: <input type="text"/>