

# PARTS & SERVICE NEWS

REF NO. AA00105

DATE June 27, 2000

(C)

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**SUBJECT:** NEW FUEL GAUGE FOR FUEL TANK

**PURPOSE:** To introduce an improved fuel gauge for more accurate indications for use with the rectangular type fuel tank

**APPLICATION:** HD785-3 Dump Trucks, S/N 2486 thru 2490 and 2496 thru 2674  
 HD785-5 Dump Trucks, All "A" Serial Numbers  
 HD985-3 Dump Trucks, S/N 1002 thru 1020  
 330M Dump Trucks, S/N 24369, 24378, 24382, 24392 and up

**FAILURE CODE:** DJF199

**DESCRIPTION:**

This **PARTS & SERVICE NEWS** introduces an improved fuel gauge for more accurate indications for more accurate indications for use with the rectangular type fuel tank.

The contents of this Parts & Service News are applicable only to the already shipped vehicles carrying the rectangular type fuel tank.

To improve the accuracy of the fuel gauge reading for the rectangular type fuel gauge and make the following modifications as outlined in this Parts & Service News.

## LIST OF PARTS:

Part No.	Part Name	Q'ty	Remarks
561-06-6850 (561-06-6A950)	Transmitter (Transmitter)	1 (1)	
08022-04001	Connector	2	Parts necessary for reworking of the wire harness

### 3. Contents of the modification

By replacing the 561-06-6A950 with the 561-06-6A850, the deviation thus occurring between the electronic panel monitor indications and fuel tank side visual gauge readings will be corrected.

### 4. Modification procedures

- 1) Prepare the connector caulking tool and vinyl tape.
- 2) Disconnect the harness (561-06-6A980) from the transmitter (561-06-6A950). (Refer to Fig. 1.)
- 3) Remove the transmitter (561-06-6A950) from the float sensor (561-06-6A960). (Refer to Fig. 2.)
- 4) Install the new transmitter (561-06-6A850) to the float sensor (561-06-6A960). (Refer to Fig. 3.)
- 5) Rework with the wire harness (561-06-6A980).  
Change the connection terminal to the transmitter from 08032-00100 to 08022-04001.  
At this time, cut the insulation cover of the harness wires for about 100mm before installing the terminal. (Refer to Fig. 4.)
- 6) Connect the wire harness to the transmitter and wind vinyl tape over the section of the harness wires from where the insulator cover has been removed near the junctions of the connectors for waterproofing purpose. (Refer to Fig. 5.)

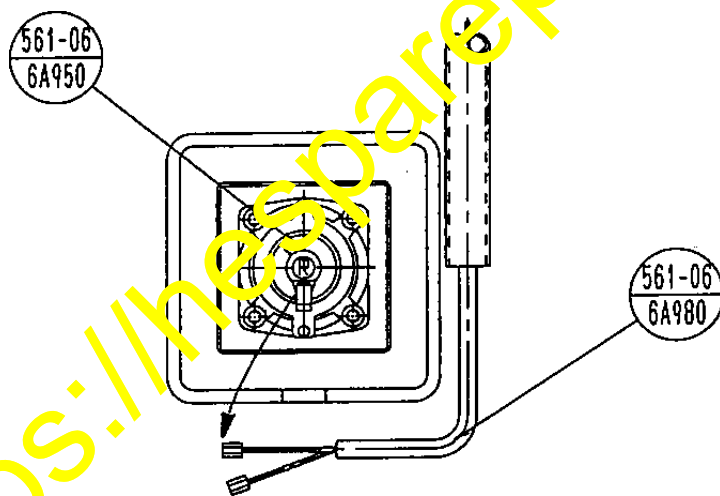


Fig. 1

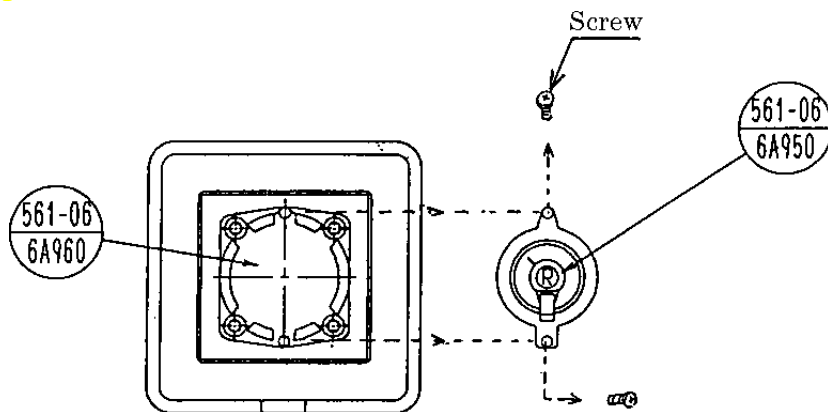


Fig. 2

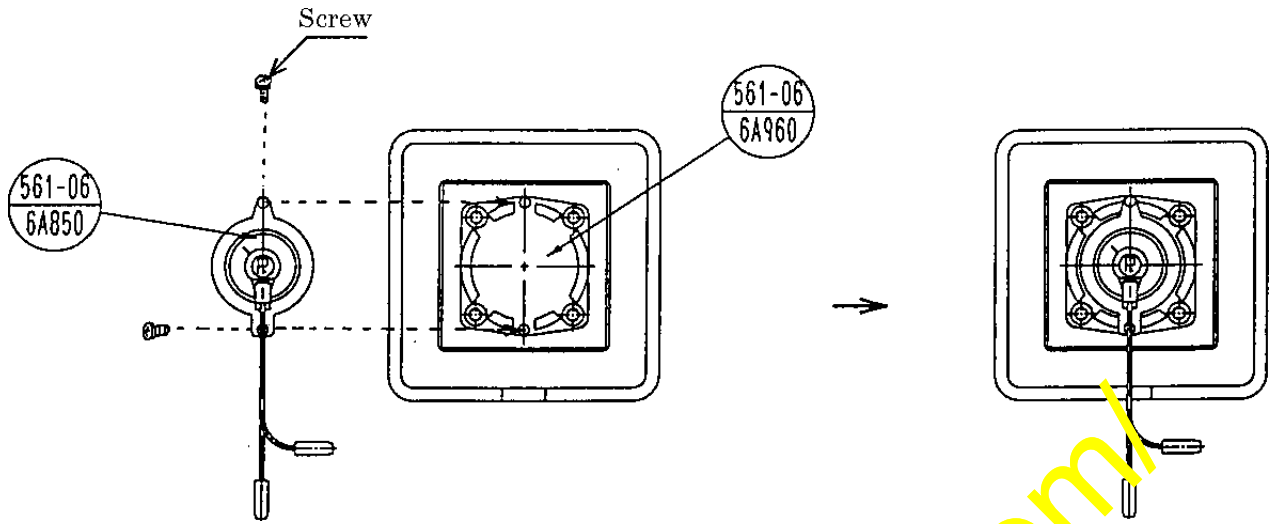


Fig. 3

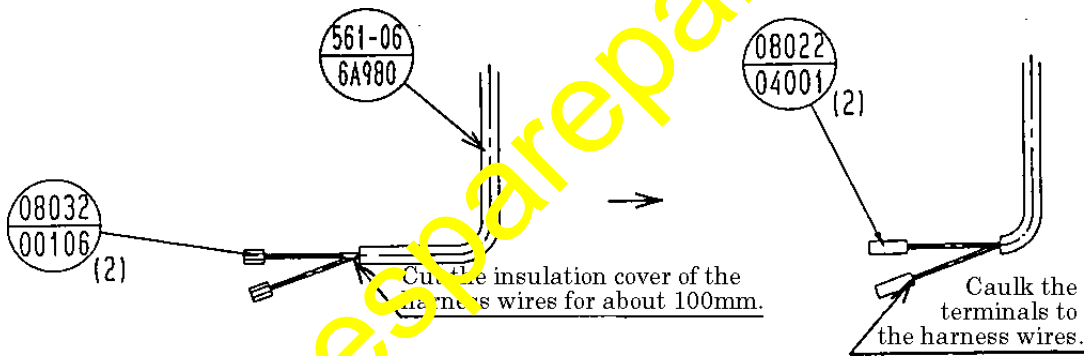


Fig. 4

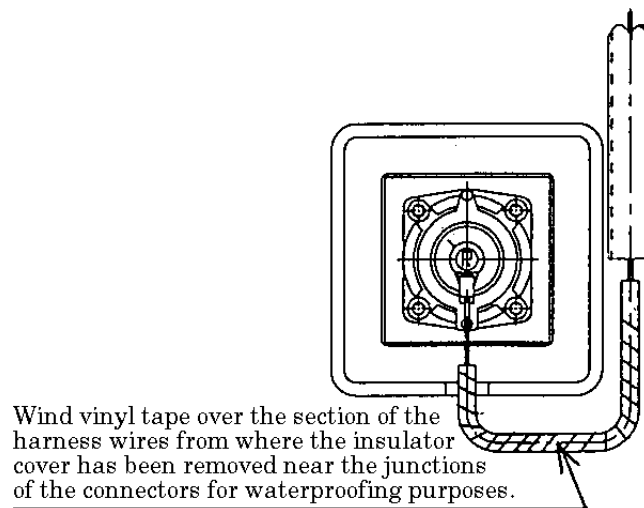


Fig. 5