

TECHNICAL BULLETIN EL-23

DATE: December 19, 2008
MODEL YEAR: 2005 ~ 2007
CHASSIS MODEL: UD1300 and UD1400
BULLETIN NUMBER: EL-23
FILE IN THE ELECTRICAL SECTION OF THE TECHNICAL BULLETIN BINDER

FUEL TANK GAUGE AND SENDING UNIT DIAGNOSIS

PURPOSE

To advise the proper diagnostic steps related to the fuel gauge and/or fuel tank sending unit. There has been an increase of returned fuel tank sending units that have been replaced for complaints of erratic or intermittent fuel gauge operation. Examination and testing of the sending units found them to have no fault or defect.

RECOMMENDATION

When testing the fuel tank sending unit, the technician must follow the published test / inspection procedures that are found in the UD Truck Service Manual on page EL-16-10. If the fuel tank sending unit resistance values are found to be within the published specifications, it will be necessary to remove the instrument cluster printed circuit board to visually inspect for an open circuit.

Note: Erratic or intermittent fuel gauge operation is a symptom of an open in the printed circuit board and not a defective fuel tank sending unit.

PROCEDURE

The printed circuit board must be separated from the instrument cluster and visually inspect the solder connections along the top side of the printed circuit for the fuel gauge. An appearance of discoloration at the solder connections on the printed circuit board would indicate replacement is required.

PARTS INFORMATION

The printed circuit board is available as part number 2481436D00.

THE INFORMATION CONTAINED IN THIS BULLETIN SHOULD NOT BE INTERPRETED AS THE BASIS FOR WARRANTY CLAIMS							
FOR THE INDICATED PERSONNEL BELOW, PLEASE READ, INITIAL, AND ROUTE TO THE FOLLOWING:							
X	SERVICE MANAGER	X	WARRANTY MANAGER	X	SERVICE TECHNICIANS INITIAL BELOW:		
X	PARTS MANAGER	X	SHOP FOREMAN				