

**NO: 08-19-97 Rev. A**

**SUBJECT: Fuel Guage Accuracy**

**DATE: Jul. 25, 1997**

**THIS BULLETIN SUPERSEDES TECHNICAL SERVICE BULLETIN 08-19-97, DATED MAY 9, 1997, WHICH SHOULD BE REMOVED FROM YOUR FILES. THE BULLETIN IS BEING REVISED TO INCLUDE XJ AND TJ MODELS AND TO REVISE THE PART NUMBERS. THE REVISIONS ARE HIGHLIGHTED WITH \*\*ASTERISKS\*\*.**

**SYMPTOM/CONDITION:**

The fuel gauge may not read accurately. The vehicle may run out of fuel with the gauge reading 1/4 to 1/8 tank. A separate sending unit has been released, which was previously only available as part of the fuel pump module assembly.

**DIAGNOSIS:**

Using the appropriate Body Diagnostic Manual, check the gauge in the instrument cluster. If the fuel gauge is operating correctly and the symptoms are present, perform the Repair Procedure.

**PARTS REQUIRED:**

Quantity	Part No.	Description
1	05010176AA	Level Sending Unit (XJ - ZJ)
1	04897756AC	Level Sending Unit (TJ - 15 gallon)
1	04897757AB	Level Sending Unit (TJ - 19 gallon)

**REPAIR PROCEDURE:**

This bulletin involves replacing the fuel level sending unit.

1. Relieve the fuel pressure from the system, drain the fuel from the tank and remove the fuel tank from the vehicle using the procedures outlined in the appropriate service manual.
2. Remove the fuel pump module lock nut using special tool number 6856 and remove the module.
3. Disconnect the level sensor wire leads from the module connector and remove the level sensor.
4. Install the new level sensor listed above, and connect the wire leads to the module.
5. Install the pump module using the new gasket supplied and tighten the lock nut to 54 Nm (40 ft. lbs.), using special tool 6856.
6. Install the fuel tank and refill it with the fuel removed previously.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No.	Description	Time
14-50-02-96	Fuel Tank Sending Unit - Replace (XJ/ZJ)	1.6 Hrs.
14-50-02-96	Fuel Tank Sending Unit - Replace (YJ)	0.9 Hrs.
14-50-01-94	With Skid Plate - Add	0.3 Hrs.

**FAILURE CODE:**

Code	Description
P8	New Part