

**NO: 14-03-97**

**SUBJECT: Fuel Gauge Accuracy**

**DATE: May 30, 1997**

**SYMPTOM/CONDITION:**

The fuel gauge needle may not reach the full mark with a full tank of fuel.

**DIAGNOSIS:**

If the symptom is present, perform the Repair Procedure.

**PARTS REQUIRED:**

Quantity	Part No.	Description
1	04897756AC	Fuel Level Sensor (15 Gallon )
1	04897757AB	Fuel Level Sensor (19 Gallon )

**REPAIR PROCEDURE:**

This bulletin involves replacing the fuel level sensor with a recalibrated 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 1997 Wrangler Service Manual (publication number 81-370-7148).
2. Remove the fuel pump module lock nut using special tool number 6856 and remove the module.
3. Disconnect the level sensor wire leads and remove the level sensor.
4. Install the new level sensor and connect the wire leads.
5. Install the pump module using the new gasket and tighten the lock nut to 34 Nm (25 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.	Time
14-50-02-95	0.9 Hrs.

**FAILURE CODE:**

Code	Description
P8	New Part