

## Fuel Level Specifications

The information in this table is intended for use with the [J 33431-C](#) Signal Generator and Instrument Panel Tester. The fuel level sensor values represent the test values to be used on the Signal Generator to drive the fuel gage display to the indicated positions. Vehicles that require more than one fuel level sensor calculate gage position from many possible resistance combinations of fuel levels between the two tanks. Therefore, the values in the table may not correlate directly to readings taken from the vehicle primary or secondary sending units.

The values in the table are approximate values based on information obtained from properly operating vehicles. Actual results may vary slightly.

Fuel Gage Display	Fuel Level Sensor - Primary		Fuel Level Sensor - Secondary		Fuel Level	Fuel Level Remaining Parameter
	Resistance	Volts	Resistance	Volts		
E	40-57 ohms	0.71-0.95 V	40 ohms	0.71 V	1 Gallon	3.8L (1.0 gal)
1/4	191 ohms	2.20 V	40 ohms	0.71 V	5.9 Gallons	22.3L (5.9 gal)
1/2	250 ohms	2.54 V	40 ohms	0.71 V	9.9 Gallons	37.5L (9.9 gal)
3/4	250 ohms	2.54 V	164 ohms	2.01 V	14.1 Gallons	53.4L (14.1 gal)
F	250 ohms	2.54 V	215-250 ohms	2.35-2.50 V	18-20 Gallons	68.1-75.7L (18.0-20.0 gal)