

## Gas Tank Sending Unit History Lesson



New 1960-1964 Ford Galaxie Gas Tank Sending made by Dennis Carpenter Ford Restoration Parts



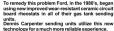
Old Technology: Wire wrapped rheostat



wrapped rheostats in their gas tank sending units. As the fuel in the tank sloshes around, the electrical contact constantly rubs back and forth across the tiny wires until they wear thin and break conductivity ending in failure to send information to the fuel gauge. All reproduction sending units from others still use this old technology.



New Technology: Ceramic circuit board rheostat



Another improvement made by Ford was to use fuel resistant foam floats that would never leak like

the old brass floats. Dennis Carpenter new and improved Ford gas tank sending units are made using the same type of wear-resistant, ceramic circuit board rheostats and fuel resistant foam floats as used by Ford for

greater reliability and performance.

## brass float foam float Original brass floats were prone to leakage after time and would sink. Modern fuel resistant foam floats

never leak thus stay afloat.

## Stainless Steel V.S. Steel



Dennis Carpenter Stainless Steel Gas Tank Sending Unit



Ordinary steel gas tank sending unit

All Dennis Carpenter gas tank sending units are constructed using corrosion-resisting stainless steel components and will not rust like ordinary steel units can when exposed to moisture.