

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*

During the 1940s through 1970s Ford used wire 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*

To remedy this problem Ford, in the 1980's, began using new improved wear-resistant ceramic circuit board rheostats in all of their gas tank sending units. Dennis Carpenter sending units utilize this new technology for a much more reliable experience.



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.

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.