

1966-76 Ford Bronco Gas Tank Sending with Lock Ring and Unit-to-Tank Gasket made by Dennis Carpenter Ford Restoration Parts

Part # D0BZ-9275-C



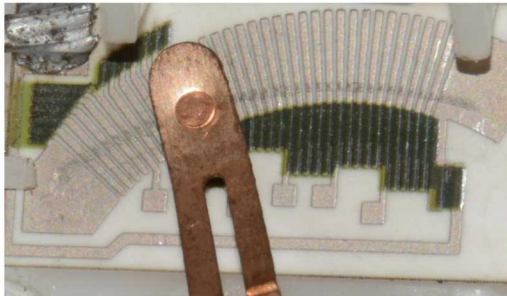
## Gas Tank Sending Unit History Lesson

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. This old technology is also prone to "build-up" as fuel ages in vehicles that sit a lot. All reproduction sending units made by others still use this old technology.



Old Technology: Wire wrapped rheostat

To remedy these problems Ford, in the 1980's, began using new improved wear-resistant ceramic circuit board rheostats in all of their gas tank sending units. These ceramic rheostats will not corrode in ethanol (a modern day gasoline additive) and are resistant to "build-up" from old fuel.



New Technology: Ceramic circuit board rheostat

Dennis Carpenter gas tank sending units utilize this 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's new improved 1966-1976 Ford Bronco gas tank sending units are made using the same type of fuel resistant foam floats for greater reliability and performance.



Original brass floats (left) 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

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.



Ford Bronco Restoration Parts That **PERFORM**

