

# FITTING INSTRUCTIONS

## Fuel tank sending unit

**Partnumber: 101.642**

The Smith, 'F' series petrol tank sending units are a period design and require careful installation if leakage is to be avoided. These reproductions incorporate fuel resistant rubber gaskets and seals which will provide improved performance over the original gaskets, but they still require careful installation.

It is not uncommon for gas to weep past the threads of the screws used to secure the sending unit. We suggest using 2 copper sealing washers under each mounting screw, our partnumber 164.084.

Ensure that the mounting flange area is clean and apply a good grade fuel resistant gasket sealer to both the mounting gasket and the small lid gasket.

We recommend gasket sealer which is available under our partnumber 016.269 ( Loctite ).

The wire terminal should also be carefully checked for tightness. Care should be exercised so that the terminal itself is not rotated, which will result in breakage of the terminal wire.

The design is such that the hollow rheostat cavity will fill with fuel. This does not pose a safety hazard as long as the cover plate is in place.

Always disconnect the battery prior to removing the cover plate from the installed sending unit.

Due to variations in the inside flange diameter of some tanks, clearance or alignment problems may be encountered. It may be necessary to slightly grind or file the protruding area of the sending unit, or a portion of the tank flange. Ensure the gas tank, sending unit, and dash gauge are securely grounded.