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MG TC, TD, TF Fuel Tank Sending Unit (27H214) Fitting Instructions

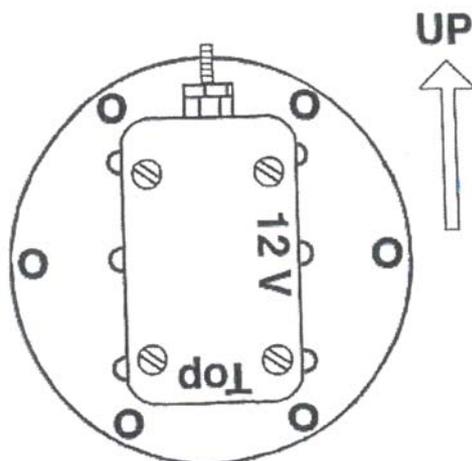
The Smiths F series petrol tank sending units are an antiquated design and require careful installation if leakage is to be avoided.

It is not uncommon for gas to weep past the threads of the screws used to secure the sending unit, particularly when the threads on the screws or the threads on the mounting flange are worn or damaged. We suggest using a good grade fuel resistant gasket sealer with each mounting screw. We offer mounting screws, part number 53K165 and you will need six.

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 using a fuel resistant sealer, for example our part number LOC23.

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 very nature of 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 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.

NOTE: Please install this sending unit as indicated. Disregard the word TOP stamped into the cover. Installation any other way will result in the failure of the sender to operate correctly.