S5

The screw to fit to the S5 sensor : 1.7N.m~2.0N.m

Before installation
- **You will need** a tape measure, a 5/16” HEX head screwdriver (or socket), to complete the installation.
- **Replace existing levelsender** by removing the old unit. **CAUTION,** the hole pattern is not evenly spaced, mark the tank screw hole (on the tank) that is on the opposite side of the electrical lead egress, **this is your lead hole**.
- **Determine the proper sending unit length** for your tank by measuring from the inside bottom to the outside top of the tank. A minimum 25mm (1”) clearance must be maintained between the tank bottom and the float retaining collar. Clearance must also be accounted for the adjacent side or the baffle of a tank when determining the proper length.

NOTE: FAILURE TO MAINTAIN PROPER CLEARANCE MAY RESULT IN THE UNIT TO MALFUNCTION, CAUSE TANK DAMAGE, AND WILL VOID WARRANTY OF THE UNIT.

Sending unit tank installation
- **Slide gasket over down tube**, aligning the 5-hole screw pattern to fit flush against the underside of the mounting plate. NOTE: THE SCREW HOLE PATTERN IS NOT SYMMETRICAL, THERE IS ONLY ONE WAY TO PROPERLY ALIGN THE GASKET. The **lead hole** is 180 degrees from (opposite side of) the sender wire egress.
- **Position new unit above the tank**, aligning the screw hole pattern in the mounting plate with the hole pattern in the top of the tank. Align the sender **lead hole** with the tank **lead hole (**marked previously).
- **Install your Wema sender,** (with the aligned gasket**)** by inserting the down tube into the tank.
- **Secure sending unit to tank,** tightening the mounting screws into place in a star shaped pattern. **DO NOT OVER-TIGHTEN. THIS WEAKENS THE SEAL,** excessive torque or re-tightening can cause the gasket underneath the sender head to be over-compressed or pinched in at least one area, dramatically reducing the service life of the gasket. This could result in failure (leakage), while in service**.**
- **For a NO LEAK install,** a leak test of this area should be conducted. Pressurize the tank to 3 PSI, looking for bubbles using soapy water around the seal.

Wiring installation
- **Connect ground (blue) wire** from the Wema sending unit to a common grounding hook-up.
- **Connect signal (black) wire** from the Wema sending unit to gauge hook-up. If your gauge has color coded hook-ups, maintain this coding as you connect the sender and ground wires.