

Reed Switch Electric Sending Unit

YOUR MOELLER PROMISE: Direct Original Equipment Manufactured Replacement guaranteed for full calibrated readings from 33 to 240 Ohm's. Designed for gasoline applications and constructed from durable stainless steel, you can be assured of years of efficient performance. For your safety and for best results, pre-read the following instructions completely before installation. We, at Moeller Marine, thank you for your purchase.

BEFORE YOU INSTALL:

- You will need a tape measure and phillips head screwdriver to complete installation.

⚠ WARNING IMPORTANT: AVOID USING POWER TOOLS AROUND FUEL VAPOR WHICH IS EASILY COMBUSTIBLE.

- Replace an existing fuel sender by removing the old unit.
- Determine the proper sending unit length for your tank, measuring from the inside bottom to outside top of tank (see Table 1). A minimum 1" gap must be maintained between the tank bottom and the float retaining collar on the Reed stainless steel down tube (see Figure 1). **NOTE: FAILURE TO MAINTAIN GAP MAY RESULT IN UNIT MALFUNCTION OR TANK DAMAGE.**

Table 1

Tank Depth		Use Moeller	
Inches	MM	Length	Part No.
9"	229	(8")	35761-10
11"	279	(10")	35762-10
13"	330	(12")	35764-10
15"	381	(14")	35765-10
18 1/2"	470	(17 1/2")	35767-10

PROPER SENDING UNIT TANK INSTALLATION:

- Slide gasket over down tube, aligning 5-hole screw pattern to fit flush against underside of mounting plate. NOTE: THE SCREW HOLE PATTERN IS NOT SYMMETRICAL, THERE IS ONLY ONE WAY TO PROPERLY ALIGN GASKET (see Figure 2).
- Position new unit above tank, aligning screw hole pattern in the mounting plate with hole pattern in top of tank.
- Install your Reed fuel sender, inserting down tube into tank
- Secure sending unit to tank, tightening mounting screws into place just until white sealant shows beneath the screw head. **⚠ DO NOT OVER-TIGHTEN. THIS WEAKENS THE SEAL.**
- 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 seal (see Figure 3).
- **IMPORTANT:** IF UNSURE OF THIS OR ANY OF THE DETAILED PROCEDURES, SEEK PROFESSIONAL ASSISTANCE.

PROPER WIRING INSTALLATION:

- Connect grounding wire from Reed switch to grounding hook-up.
- Connect sender wire from Reed unit to fuel gauge hook-up. If your fuel gauge has color coded hook-ups, maintain this coding as you connect the sender and ground wires.

⚠ WARNING GASOLINE IS EXTREMELY FLAMMABLE. KEEP TANK AREA FREE FROM SPARKS AND FLAMES. EMPTY TANK OF FUEL AND FUMES BEFORE CONTINUING WITH INSTALLATION.

