

**Concept:** Your new **GROCO**<sup>®</sup> #450 Assembly will appear to be much different than the sender you are replacing, however, it is identical in fit and function, and is vastly superior in terms of reliability and repeatable accuracy.

**Sender Installation:** Apply two wraps of TFE thread tape to the threaded portion of the PVC plug. Gently (to assure that the floats do not get pinched between the sender stem and other in-tank hardware), insert the new sender through any 1-1/2" NPT threaded opening in the top of the holding tank, and screw it on hand tight only.

Note the mark on top of the PVC plug and ensure that in its final orientation the mark is pointing toward the center of the tank and/or away from the tank walls or in-tank hardware such as pumps or the suction standpipe.

**Electrical Connection:** The three-wire plug-in connector on the end of the 450 Sender Assembly will plug into the end of the cable already in place that leads from the GM-50 indicator panel. After full engagement between the two plug halves is achieved, apply several wraps of electrical tape to prevent inadvertent moisture-related failures or false level indications.

**Maintenance:** Periodically remove and gently rinse the sender. Re-install with a fresh application of TFE thread tape.

