



Customer Service Bulletin Commercial Business Group

Reelmaster® 5000 and 6000 Series

<u>Model/Serial Range:</u>	<u>Model Numbers:</u>	<u>Serial Numbers:</u>
	03500 through 03544	00101-210000549
	03800 through 03808	50101-210000290

Subject: Fuel senders may stick due to contact with fuel pickup.

Variations in fuel sender mounting hole location may cause the sender float to contact the fuel pickup resulting in a sticking sender float. Sender floats that come in contact with the fuel pickup give inaccurate fuel level readings. For example the sender may read only the top half of the tank then stick at the halfway point.

It is important to note that not all sticking senders or inaccurate readings are caused by this issue, proper diagnosis is necessary. Refer to the service manual for further information about testing the sender, gauge, and electrical connections.

Should a fuel sender stick due to contact with fuel pickup, use Sender Plate (105-7934) to correct the interference. Sender Plate (105-7934) repositions the float away from the fuel pickup. Replace the Sender Plate as noted on the installation instructions accompanying this bulletin. Sender hole pattern is offset so the sender can only be mounted in one direction.

Should proper testing of the sender and gauge determine float position is causing improper fuel readings, parts can be supplied at no charge. Some cost may be incurred for shipping charges. Units within warranty will be covered according to the warranty agreement for that unit. Contact your local Toro Distributor for assistance.

INSTALLATION INSTRUCTIONS

Replacing Reelmaster 5000 and 6000 Series Sender Plate (105-7934)

1. Mark the tank where the assembly mark is found on the existing Sender Plate. (see figure 1)
2. Remove Sender Assembly from the tank.
3. Remove existing Sender Plate from sender. Make note of insulator positions and their order for reassembly.
4. Reassemble the sender using replacement Sender Plate (105-7934). (see figure 2) Insure insulators are positioned in the order they were disassembled and that the arrow points toward the float.
5. Insert Sender Assembly into fuel tank and secure. Insure assembly mark is aligned with the mark on the tank from step 1.

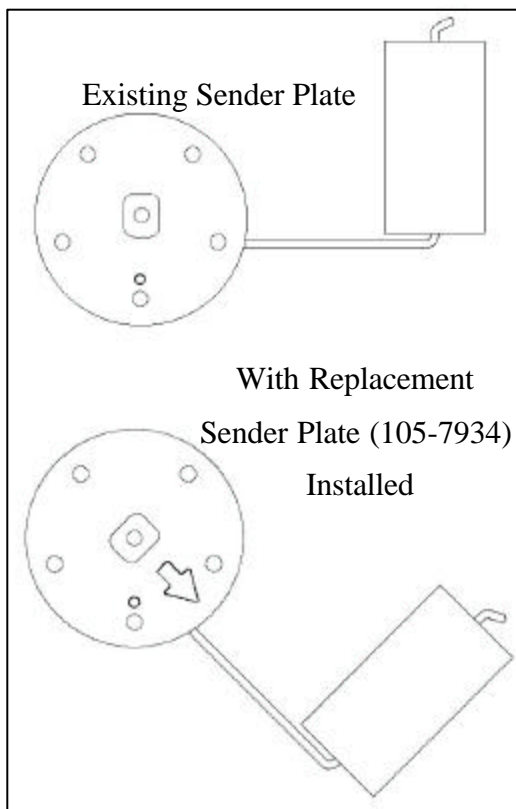


Figure 2

Top View of Assembled Sender

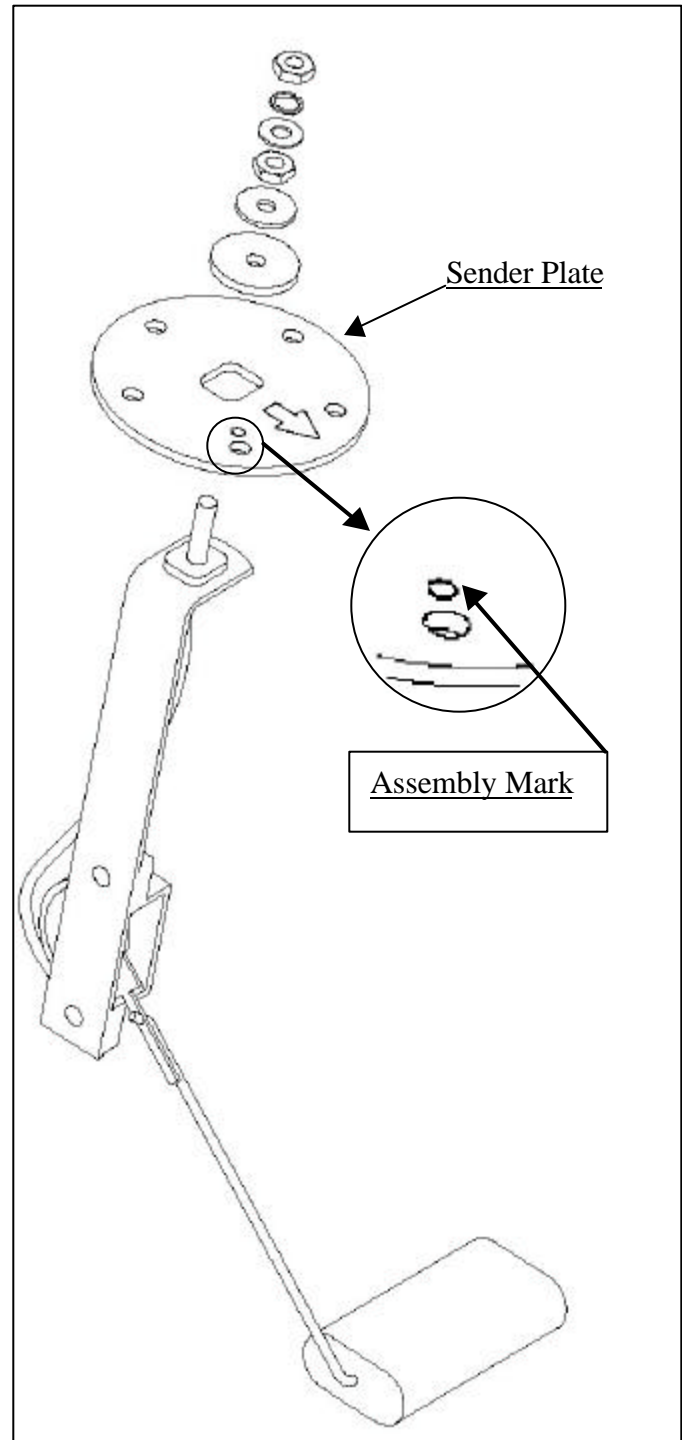


Figure 1