



# INSTRUCTION BULLETIN

No. 340076  
Machine: 5700  
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Rev. 01

**NOTE: DO NOT DISCARD the Parts List from the Instruction Bulletin. Place the Parts List in the appropriate place in your machine manual for future reference. Retaining the Parts List will make it easier to reorder individual parts and will save you the cost of ordering an entire kit.**

*NOTE: Numbers in parenthesis ( ) are reference numbers for parts listed in Bill of Materials.*

Installation instructions for kit number 374046

## **SYNOPSIS / PROBLEM:**

This kit contains the parts needed to install /replace the optical sensor on the model 5700 scrubber. Please follow step-by-step instructions.

## **SPECIAL TOOLS / CONSIDERATIONS: None**

(Estimated time to complete: 1 hour)

## **PREPARATION:**

(Refer to FIG. 1, 2 and 3)

**FOR SAFETY: Before leaving or servicing machine, stop on level surface and set parking brake. Then turn off machine and remove key.**

1. Turn off machine and remove the key.
2. Drain the solution tank. Raise the solution tank and engage the prop arm.
3. Disconnect battery cables from machine.



**WARNING: Always disconnect battery cables from machine before working on electrical components.**

## **INSTALLATION:**

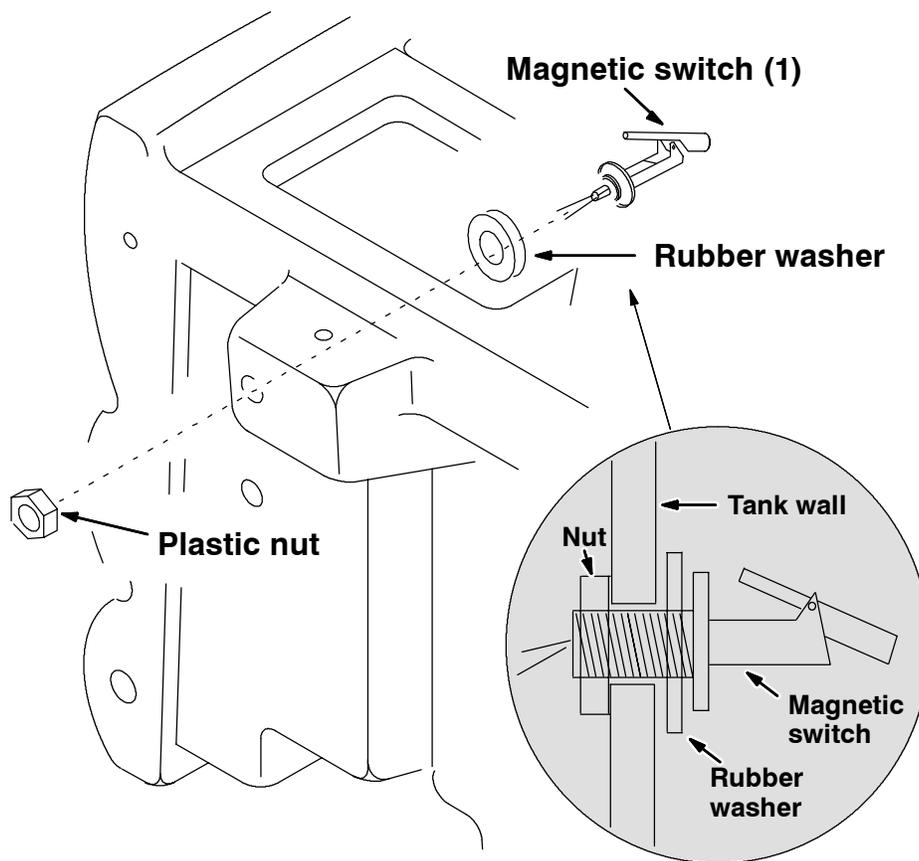
(Refer to FIG. 1, 2 and 3)

1. Locate magnetic switch in the front right corner of the recovery tank. (Refer to FIG. 1)
2. Unplug magnetic switch from the main electrical harness.
3. Cut the connector body off the two wires on the magnetic switch.
4. Remove the plastic nut from the end of the magnetic switch that is on the outside of the tank. Slide the nut off the wires. (Refer to FIG. 1)
5. Remove the magnetic switch and rubber washer from the machine. Discard all removed parts. (Refer to FIG. 1)
6. Check that the vinyl cap (2) is installed on the optical sensor switch (1). Slide the cap over the sensor body. (Refer to FIG. 2)
7. Install the rubber washer (3) over the optical end of the optical sensor switch (1). (Refer to FIG. 2)

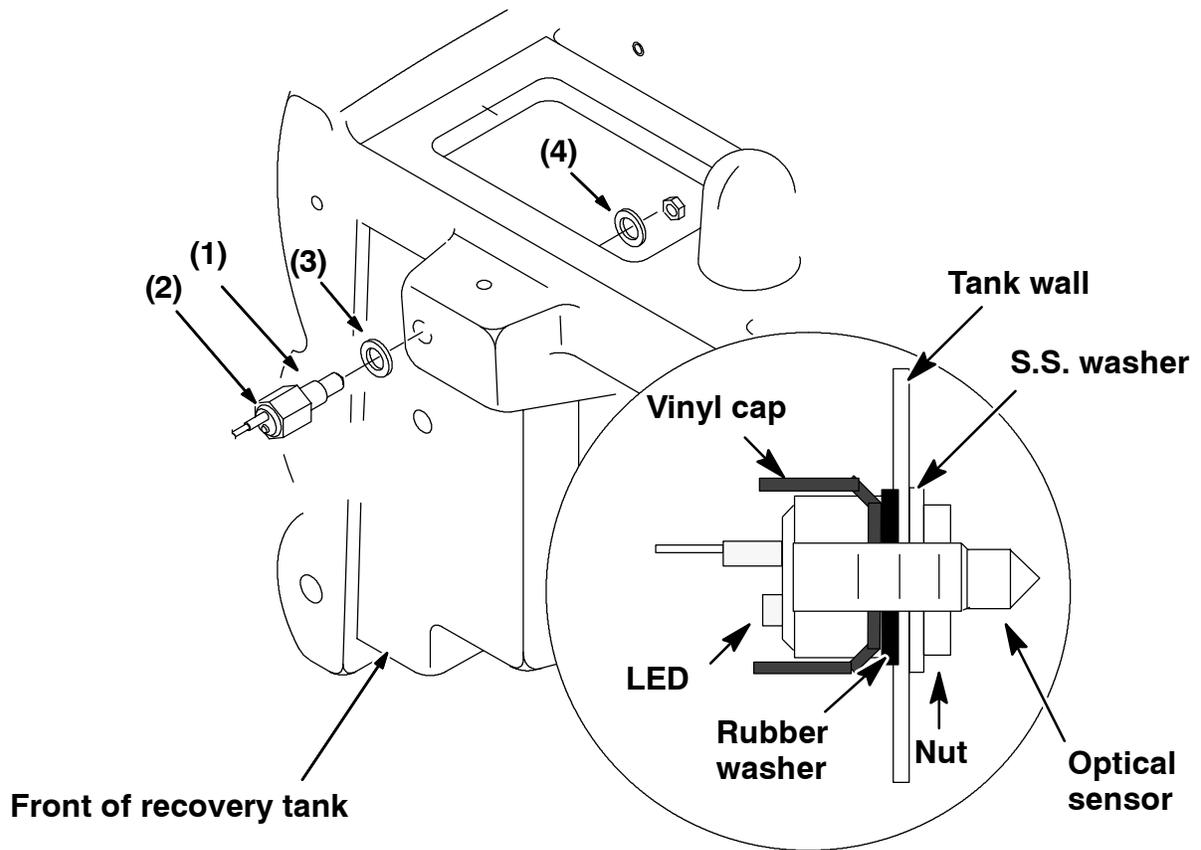
8. Push assembly through the existing hole in the tank and hold in place with the stainless steel washer (4) and nut (supplied with switch). (Refer to FIG. 2)
9. Connect the optical sensor to the existing electrical harness.
10. Install the “clean daily” label (5) to the actuator mounting bracket. (Refer to FIG.3)

*Note: The optical sensor needs to be wiped off daily. A dirty sensor may give a false reading.*

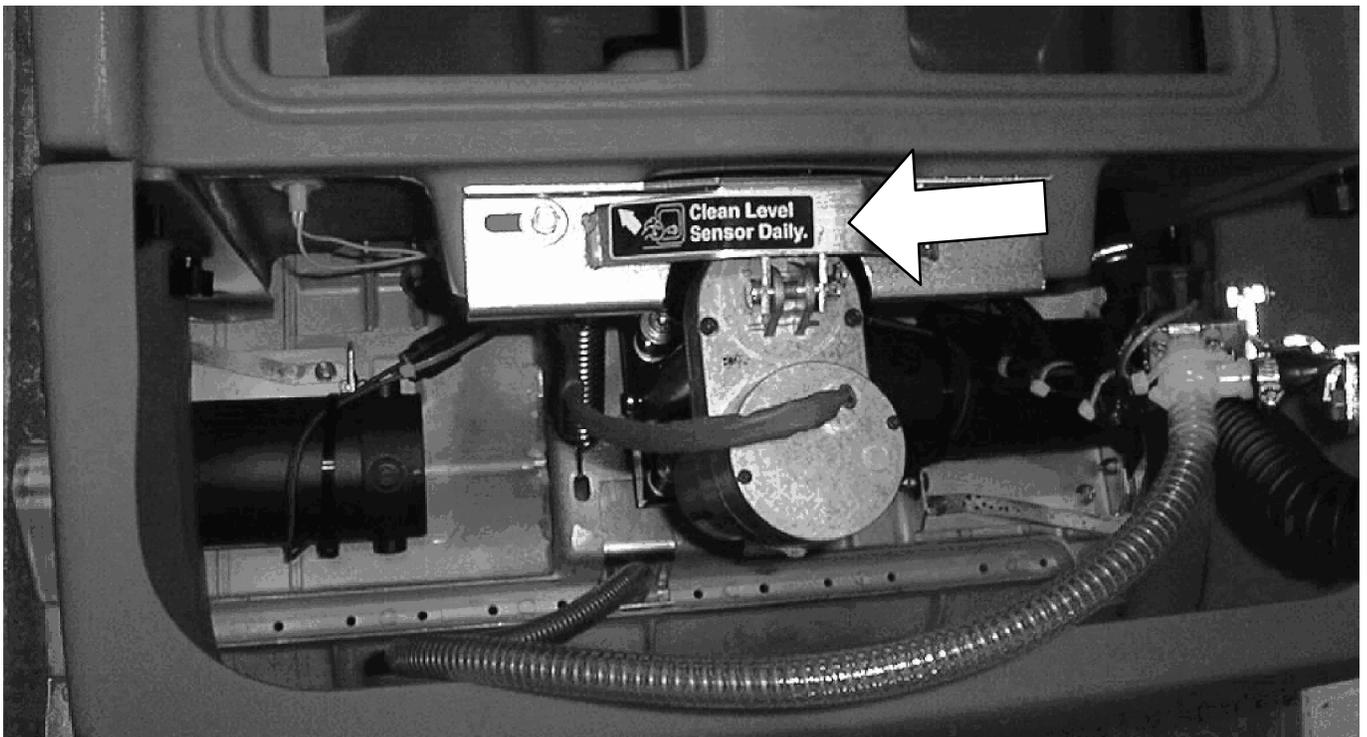
*Note: If the machine is equipped with an ES system, it has two switches and the lower magnetic switch needs to be replaced in the same manner as the previous.*



**FIG. 1 Magnetic Switch Removal**



**FIG. 2 Switch Installation**



**FIG. 3 "Clean Daily" Label Installation**

**BILL OF MATERIALS FOR SOLUTION LEVEL SENSOR KIT 374046**

<b>Ref.</b>	<b>TENNANT Part No.</b>	<b>Description</b>	<b>Qty.</b>
1	374045	Optical Sensor	1
2	374072	Vinyl Cap	1
3	01316	Rubber Washer	1
4	04400	S.S. Washer	1
5	222845	Label, "Clean Daily"	1

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