

# Component Testing Guide

## 740806 & 833329 Switches

### Where Used:

Part Number 833329 is used on the 200 Traction Drive Scrubber and the 320 Scrubber to control the vacuum motor. Part Number 740806 switch is used on the 26/32B Scrubber Series and the Automatic Carpet Scrubber (ACS) as an operator presence control or a dead man switch.

### Purpose:

These two switches are dual control switches that allow us to control multiple circuits at one time, i.e., on the 200 Traction Drive Scrubber the 833329 Switch turns on the traction drive and the brush motor and vacuum circuits when activated.

### How to Test:

These two switches can be tested with an OHM meter or Continuity Tester.

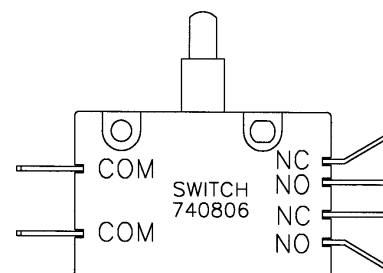
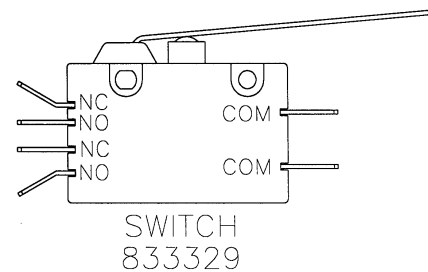
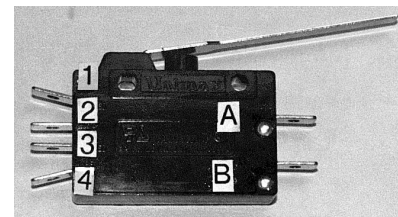
1). Remove all wires from switch and note their location. Both parts of the switch must be tested as it is possible for one portion of the switch to be functioning and one portion to be inoperative.

2). Place one lead of your OHM meter or Continuity Tester on the top normally closed N.C. terminal, terminal #1.

3). Place the other lead of your OHM meter or Continuity Tester on the top common terminal of the switch (terminal A). You should have continuity between Terminal 1 and Terminal A with the switch in the relaxed position (lever or button up). When the lever or button is pushed down you should not have continuity.

4). Now connect one lead of your OHM meter or Continuity Tester to the top normally open (N.O.) terminal on the switch and leave the other lead on the top common (Com) terminal as you did in the previous test (Terminal A is the photo). With the switch in the relaxed position (lever and button up) you should not have continuity. With the lever or button on the switch are pushed down you should have continuity.

5). You have now tested the top portion of the switch. To finish testing the lower portion of the switch follow the above instructions and test between terminal B and terminal 3 and terminal B and terminal 4.



**NOTE:** If any portion of the above testing varies from what is written, the switch is defective and must be replaced.

**CAUTION:** These tests should only be performed by a qualified technician. Working with electricity can be dangerous. When using jumper wires to help diagnosis an electrical component, care must be exercised to prevent a short circuit from occurring. Do not allow the two test leads (jumpers) to touch or personal injury or damage to the equipment will result.