Minuteman International

Component Testing Guide

741116 Switch

Where Used:

340 Rider Scrubber Series

Purpose:

This switch is used to help operate the squeegee and brush raise and lower functions on the 340 Rider.

How the Switch is Used:

Two of these switches are mounted to an adjustable bracket on the back of the hydraulic drive valve. These switches work in tandem with the dash switches for each squeegee and brush function. This switch can cause operation problems if misadjusted or if defective internally.

How to Test:

To test the switch you will need an OHM Meter or Continuity Tester

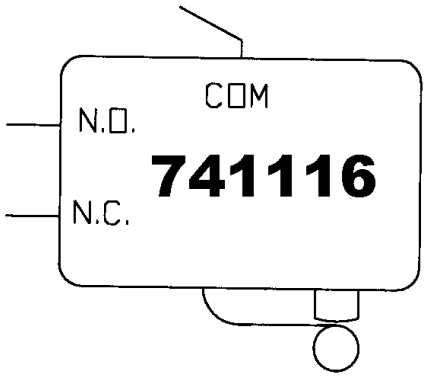
1). Remove all wires from the switch and note their location.

2). Place one lead of your OHM meter or continuity tester on the common terminal (Com).

3). Place the other lead of your meter or the tester on the normally closed (N.C.) terminal. With the roller lever in the relaxed or extended position you should have continuity. Click the lever in and out. The switching action should be crisp and you should see continuity break with each **inward** click. If these results do not exist, the switch must be replaced.

4). Now remove your tester lead from the normally closed (N.C.) terminal and place it on the normally open (N.O.) terminal. Leave one lead on the Common (Com) terminal as before.

5). With the roller lever in the extended or relaxed position, your meter should show no continuity. Click the lever in and out. The switching action should be crisp. You should see continuity with each **inward** click of the switch. If these results do not exist, 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.