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No. 6892 P. 1/1

## SECTION C—ELECTRICAL SYSTEMS

PART I—HYLO &amp; VERTI-LIFT TABLES

Table C-5 ■ Using the terminal block to isolate table problem (Hylo and Verti-Lift)

NOTE: 1. If a table is inoperative in either direction, follow these procedures IN THE ORDER GIVEN, (Number 1 through Number 6) to help isolate the problem.

2. If table is inoperative in one direction only, use procedure 7 or 8 ONLY before proceeding to other testing in that directional circuit. (P. C-32)

TO TEST	PROCEDURE	IF O.K.:	IF NOT O.K.:
<b>STOP/POWER CIRCUITS</b> (Table inoperative either direction)			
1. Power-in (including cord, circuit breaker, key switch)	Read across #1 and #2	Will read $\pm 110V$	Will get no reading. Check: power at wall, circuit breaker, key switch, power cord, continuity of wires up tube.
2. Transformer 110V/24V	Read across #3 and #7	Will read $\pm 24V$	Will get no reading. Check: fuse, continuity of wires into and out of transformer. Change transformer.
3. Stop Circuit	Jump across #3 and #6	Table still will not operate.	Table will now operate with either footswitch or front buttons. Go to procedures 4 and 5 (6 if VL) to further isolate problem.
4. Surestep Footswitch	Separate the brown wires that clip together (not on terminal block) that tie the front switches (from tube) with the footswitch. Place the brown wire from the front buttons into #6. (Be careful loose wire from SSFS isn't contacting anything).	Table still will not operate.	Table will now operate with front buttons—problem is now isolated to SSFS and associated wire harness.
5. Front Stop Switch	Same as above, except place the brown wire from the footswitch into #3. (Be careful loose wire from front button isn't contacting anything).	Table still will not operate.	Table will now operate with footswitch—problem is now isolated to defective front stop switch or wire harness.
6. Off Switch (VL ONLY)	Separate the white wire from the 24V transformer that ties into the white from the selector off switch. Place the wire from the transformer into #1. (Be careful that loose wire from off switch isn't contacting anything).	Table still will not operate.	Table will now operate. Check continuity of red and white wires to off switch and switch itself.
<b>DIRECTIONAL CIRCUITS</b> (Table inoperative one direction only)			
7. Hylo Limit Switch	Place a jumper across #6 and #8.	Table still will not raise.	Table will now raise, but motor will not turn off at Hylo. Check continuity on wires to switch. Check switch.
8. Lower Limit Switch	Place a jumper across #6 and #9.	Table still will not lower.	Table will now lower. Check continuity on wires to switch. Check switch.