



TECHNICAL SERVICE BULLETIN

DATE: 910173

**TITLE:
LOGIC BOARD TESTING**

**APPLICABLE MACHINES:
1465, 1480**

SYNOPSIS:
PM logic board testing instructions.

1. Turn on the key.

Four lights should light up on the front panel:

- a. Power up.
 - b. Battery meter.
 - c. Number one down pressure.
 - d. Recovery tank/momentary.
 - e. ES® light on if so equipped.
2. The ES® light should be on. Lift the recovery tank float and release. ES® pump should start.
 3. Push ES® button on the front panel. The light should turn off. ES® pump should stop.
 4. Lift recovery float again. Pump should stay off.
 5. Push ES® button on dash. The light should come on.
 6. Lift recovery tank float. The pump should start.
 7. Lift solution tank float. Pump should stop.
 8. Lift recovery float again to start the 5-minute timer. ES® pump should run for 5 minutes. Only test the 5-minute timer if you are running water.
 9. Push the vacuum fan button. The light should come on the the squeegee should lower.
 10. Twist the handle grip (reverse). Squeegee should lift approximately half way.
 11. Release handle grip. Squeegee should lower to ground.

SCRUBBER

12. Lift recovery tank float and hold. The light on the front panel should light after three seconds. After approximately seven seconds, the squeegee should lift and the vacuum fan should shut off.
13. Push the brush button on the front panel. The light should come on. The scrub head should lower to the first down pressure unless a higher down pressure was last used. Then you will need to reset the down pressure to the lowest. The amp draw should read 7 amps \pm 2.
14. With the proximity switch unplugged and the pressure selector in the setting:

	<u>One Motor</u>	<u>Both Motors</u>
One	9 amps \pm 1	18 amps \pm 2
Two	13.5 amps \pm 1	27 amps \pm 2
Three	18 amps \pm 1	36 amps \pm 2
Four	22.5 amps \pm 1	45 amps \pm 2

The fourth time, the down pressure will recycle back to the first down pressure.

15. Push the brush button on the front panel. The light will turn off. The brushes should turn off, lift and ratchet at the top of the stroke for approximately two seconds.