



# TTB1620

## TROUBLESHOOTING GUIDE



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## LCD Display' and fault codes

LCD Display	Fault	Possible Cause	Effect on Product	Investigate the Following	Action Required	if Fault Persists.
Blank	* No power	* Key switched off * Tank raised * Emergency stop pressed	* Machine will not operate.	*Key switched off * Tank raised * Emergency stop pressed	* Switch key on * Lower top tank * Release emergency stop	Contact Service Agent.
'OVER CURRENT'	* Brush over current.	* Brush pressure to great. * Brush current exceeds 32A * Wrong type of brush for surface	* Vac. Brush, water & Detergent motors / pump will not operate. * Brush LED's all flash in unison until the trigger is released.	* Release brush pressure. * Changed type of brush. * Restart machine.		
'UNDER VOLTS'	* Battery voltage dropped below 21 Volts. * Left most Battery LED flashes	* Batteries require recharging. * Faulty cell on battery	* Machine will not operate.	* Battery leads and connections.	* Charge Batteries. * Replace battery (if cell damaged)	
'TANK FULL'	* Tank full requires emptying.	* Waste Tank Float switch activated whilst cleaning or off aisle mode selected. * Faulty Float switch.	* Vac. Brush, water & Detergent motors / pump will not operate.	* Tank full LED illuminated. * Top waste tank full.	* Empty top waste tank * Replace switch	
'CHARGING'	* Machine on charge.					
			MACHINE INHIBITED - NO OPERATION.			



The TTB 1620 has a self contained trip meter, to view the meter turn the key to the 'On' position.

Press the mode button to cycle between the different modes.

T = Total time.

This meter counts when ever any function is being used, including the off asile function.

V = Vacuum total time.

B = Brush total time.

W= Water Pump total time.



# Trouble-Shooting

<b>PROBLEM</b>	<b>CAUSE</b>	<b>SOLUTION</b>
Machine will not operate	Missing or blown fuses Key in the 'OFF' position Low battery charge Machine is connected and charging	Fit or replace fuse (page 28) Turn key to 'ON' position (page 27) Charge batteries (page 26) Take off charge (page 26)
Vacuum will not operate	Waste water tank full	Empty waste water tank (page 21)
Poor water pick-up	Waste-water tank full Clogged / blocked vacuum hose Loose hose connections Debris basket filter clogged/blocked Separator filter clogged / blocked Poor separator seal Damaged separator seal Damaged / split vacuum hose Damaged floor-tool blades Low battery charge	Empty waste-water tank (page 21) Remove and clean (page 24) Push tight connections (page 24) Remove and clean (page 24) Remove and clean (Page 24) Clean and refit (page 24) Renew (contact service dept) Renew (contact service dept) Renew (contact service dept) Recharge batteries (page 26 - 27)
No brush / scrub function	No brushes fitted Brush deck raised	Check and fit (page 16) Lower brush deck (page 19)
Little or no water flow	Clean-water tank empty Clean-water tank filter blocked/ clogged Incorrect water flow setting Brush deck raised	Fill clean-water tank (page 17) Remove and clean (24) Adjust as desired (Page 19) Lower brush deck (page 19)
Machine just 'stops' while operating	To much load on the brush system	Reset the machine using the key and decrease the brush load to best suit the floor type (page 20)

## Notes

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