

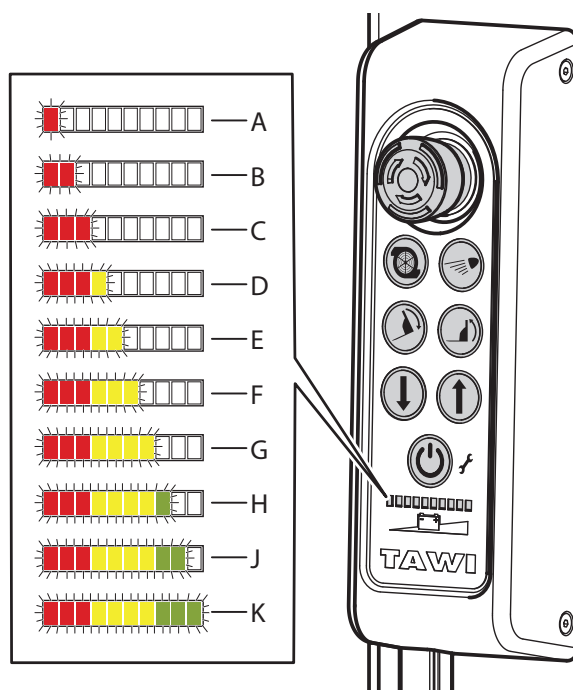
7 Troubleshoot

This chapter provides information on how to investigate or rectify problems that may occur. Actions marked with (*) must be carried out by TAWI or a TAWI authorised service technician.

Problem	Likely caused by	Action required
Vacuum lifter does not lift	Load too heavy	→ Reduce load. It must not exceed the lifting capacity of the lift.
	Air leakage	→ Check connections, air and lift tube for damage or wear. Tighten clamps and, if necessary, change air or lift tube (see Shorten or change lift tube on page 37). Check filter unit for leakage.
	Dirty vacuum pump filter	→ Clean filter inset, see Clean vacuum pump filter on page 35.
	Dirty suction foot filter	→ Clean suction foot filter, see Clean suction foot filter on page 35.
	Suction foot installed incorrectly	→ Remove suction foot and clean the foot filter. Refit the suction foot, see Install suction foot and touch bolt on page 20. Do not overtighten the fixing bolts. Problems can occur because the bolts are undertightened or overtightened. Overtightening may deform the top of the suction foot.
	Suction foot rubber gasket damaged or worn	→ Replace gasket.
Tool moves slowly up/down	Air leakage	→ Check connections, air and lift tube for damage or wear. Tighten clamps and, if necessary, change air or lift tube (see Shorten or change lift tube on page 37). Check filter unit for leakage.
	Filter unit control valve open	→ Adjust filter unit control valve, see Reduce lifting speed on page 29.
Operating handle too high or low	Wrong adjustment of load balance	→ Adjust load balance without and with load, see Adjust load balance on page 29.

Problem	Likely caused by	Action required
Vacuum pump does not start	Main switch is turned off.	→ Turn main switch on.
	Motor circuit breaker has tripped.	→ Check electrical parts and reset circuit breaker.
	PTC relay has tripped	→ Let the vacuum pump cool down and verify that air flow is sufficient. Reset the PTC relay.
	Remote control is out of batteries or out of range	→ Replace batteries or move closer to the vacuum pump.
Unit will no start	Main switch is turned off.	→ Turn main switch on.
	Emergency stop is engaged.	→ Disengage the emergency stop.
	Foot safety switch has tripped	→ Disengage foot safety switch
	Batteries need charging.	→ Charge batteries according to manual. See <i>Charge battery on page 30</i>
	Batteries are drained.	→ Change batteries.*
	Charger is damaged.	→ Check if charger supplies correct voltage, if not replace charger.*
	No signal from control panel.	→ Check signal from the control panel to circuit board.*
	Wires or connections are loose in battery pack.	→ Check wire connection on batteries. Connect if necessary.
	Fuse has tripped.	→ Check fuse, replace if broken. Make sure to install correct size and type of fuse. Wrong fuse can cause damage on unit.
	Mother board is damaged.	→ Replace mother board.*
Control board is damaged.	→ Replace the control panel.*	

Codes on the battery status display



Message	Action required
A. The battery needs charging.	→ The lifter is shut down and needs charging. Charge immediately.
B. N/A	
C. N/A	
D. N/A	
E. N/A	
F. Sleepmode (follows a preset period of inactivity, the function is there to save the battery).	→ Restart the lifter.
G. N/A	
H. Controller fault.	→ Make sure all controller connections are secure.
J. N/A	
K. An excessive voltage has been applied to the control.	→ Often caused by a poor battery connection. Check the battery connections.