

NORMAL OPERATION

Feature	T700 A130
Lift ready to use (beeping as no charger present)	A1
Lift moving up (arm)	A2
Lift moving down (arm)	A3
Lift moving up (remote)	A4
Lift moving down (remote)	A5
Lift waiting for auto hinge to operate	A9

AT CHARGING POINTS

Feature	T700 A130
Low battery voltage level- trickle charge active	C1
Low battery voltage level - half charge active	C2
Medium Battery voltage level - full charge active	C3
Medium battery voltage level - half charge active	C4
High battery voltage level - Sustained charge active	C5
Battery full - No charge active	C6
Power Supply voltage too low	C7
<i>Check charge point internal wiring and power supply.</i>	
Power Supply voltage too high	C8
<i>Check charge point internal wiring and power supply.</i>	
Battery fault	C9
<i>Check batteries connection and reset PCB. If persistent, replace the batteries.</i>	

FAULT CODES

ERROR REPORTS

Feature	T700 A130
Safety edge activated (footrest down/under plate)	E1
<i>Check for obstructions or footrest wire connections.</i>	
Safety edge activated (footrest up)	E2
<i>Check for obstructions or footrest wire connections.</i>	
Safety edge activated (cover down)	E4
<i>Check for obstructions or wire connections.</i>	
Safety edge activated (cover up)	E5
<i>Check for obstructions or wire connections.</i>	
Seat not in place (swivelled)	E6
<i>Place the seat back in the travelling position. Check switch positioning or wire connection.</i>	
Battery low, upward movement inhibited	E7
<i>Drive the lift down the rail to the closest charge point and leave to recharge. E7 will clear automatically once the lift has reached a safe battery charge to drive.</i>	
Aux switch operated while seat is not swivelled (powered swivel units only)	E8
<i>The additional seat swivel switch circuit has opened, when the lift was in the travel position. Check the operation of the additional switch. The circuit should remain close during travel.</i>	
Key switch off	E9
<i>Check the key is in and turned to on position.</i>	

FATAL ERRORS

Feature	T700 A130
Relay fault	F1
<i>Remove power supply and Isolate batteries from the PCB to reset the controller. If persistent, replace PCB. Tapping the relay could temporarily clear the fault.</i>	
Brake fault	F2
<i>Check battery voltage and brake connections.</i>	
Motor over current fault	F3
<i>The current demanded by the motor has exceeded the threshold set. Check the rail for obstructions or debris</i>	

FATAL ERRORS - CONTINUED

Battery flat during upward movement	F5
<i>Check battery voltage individually. Press directional switch to change F5 to E7, and drive down to the closest charge point to recharge the batteries. E7 will clear automatically once the batteries has reached a safe charge to drive.</i>	
Final limit switch overrun	F6
<i>If the lift has over travel its parking position at the top or bottom of the rail, check the Up or Down limit switch operation. Check for obstructions or debris.</i>	
OSG switch activated	F7
<i>Hand wind lift up to reset OSG (see hand winding instructions in the user manual).</i>	

HARDWARE ERRORS

Feature	T700 A130
Safety grounded to chassis (SW1 safety circuit)	H1
<i>One or more switches from the SW1 safety circuit is grounded to chassis. Check continuity between every switch in the SW1 safety circuit and chassis</i>	
Safety grounded to earth (sw2 safety circuit)	H2
<i>One or more switches from the SW2 safety circuit is grounded to chassis. Check continuity between every switch in the SW2 safety circuit and chassis</i>	
Auto Hinge communication fault	H3
<i>Reset the hinge control box using the reset button. Check power supply and battery back up in the hinge control box. Paired PCB and hinge control box again. If the problem persists, replace the hinge control box.</i>	
Secondary processor U2 not responding	H4
<i>Reset PCB. If the problem persists, replace the PCB.</i>	
Memory store not responding (EEPROM)	H5
<i>Reset PCB. If the problem persists, replace the PCB.</i>	
Auto Hinge end limits not found (timeout)	H6
<i>After 60 seconds operating, the folded switch or the interlock switch circuit remained open. Check every connections between the hinge and hinge control box and the operation of the micro switches.</i>	
Heat sink over temperature	H8
<i>Allow the lift to cool down. If the problem persists, replace the PCB.</i>	
Main Motor PWM fault	H9
<i>Reset PCB. If the problem persists, replace the PCB.</i>	