



### Hi-Tech Hoist Patriot Series Trouble Shooting

SYMPTOM	POSSIBLE CAUSE	ACTION
Hoist does not operate in either direction	No/Low voltage	Check power source and circuit breaker. Verify power complies with the requirements on the name late of the hoist
	Wireless Remote not paired (Patriot SR Only)	Log Off other remotes, refer to Section 5.3 of Manual. Note: For Safety purposes only 1 Transmitter can be on and used at a time.
	Wireless Remote battery weak/dead (Patriot SR only)	Check LED on remote Replace batteries as needed
	Wireless Receiver disconnected or damaged (Patriot SR only)	Verify receiver connections and inspect unit for damage
	Transmitter not Registered to the receiver (Patriot SR only)	Download Wireless Transmitter Pairing document from website
	Motor Disconnected	Check motor connector on the Enclosure. Verify the connector is properly seated and secure.
	Pendant/Pendant Extension Damaged	Inspect Pendant/Pendant Extension for proper connection and damage. Replace as needed.
	Drive in FAULT	Disconnect from power for 5 minutes. Reconnect and verify drive reset. Contact HTH for additional support if needed
	Brake not releasing	Verify brake activation. Contact HTH for additional support

SYMPTOM	POSSIBLE CAUSE	ACTION
Hoist does not lift, but will lower the load	Bad/Activated Upper Limit Switch	Check switch. Repair or replace as needed
	Load exceeds the hoist capacity	Reduce the load
	Low voltage	Check power source under load. Verify power complies with the requirements on the name plate of the hoist
Hoist repeatedly trips the circuit breaker	Connected to GFCI outlet	Remove from GFCI outlet
Hoist repeatedly trips the circuit breaker cont.	Load exceeds the hoist capacity	Reduce the load
	Low voltage	Check power source. Verify power complies with the requirements on the name plate of the hoist
	Brake not releasing	Verify brake activation. Contact Factory for additional support
	Damaged Brake Circuit	Contact the Facto
	Damaged power cable or connectors	Inspect the power cable and connectors. Repair or re lace as needed
Hoist is difficult to move horizontal on mount	Dirty/obstructed wheels or rails	Clean wheels and rails
Load "slips" or "creeps down" when not commanded to run	Brake wear	Inspect the motor brake for wear. Adjust or replace as needed.
Hoist moves in opposite direction	Cable mis-spooled / overdriven to reverse the spooling	Verify cable wind and direction of rotation. Correct as needed.
Cable bunches at one end of the drum	Hoist not level	Inspect mounting and level hoist
	Load not centered	Center load