



ASTRO®, SENIOR™ and MIDDLE SWING™ TROUBLE-SHOOTING CHART

**Make sure the "FUNCTION" and "LATCH SELECTOR DIAL" is set properly
before starting to trouble-shoot equipment.**

PROBLEM	TEST	CAUSE	SOLUTION
Door will not open when activated	1) Check on-off-hold open switch and on-off switch.	Switch is in off position.	Place switch in "on" position.
	2) Check circuit breaker and fuse.	Circuit breaker tripped. Fuse blown.	Push circuit breaker into on position and replace fuse.
	3) Set VOM to 120 volts AC scale. Place meter probes on transformer panel. If meter does not read 117 volts....	Power supply has been interrupted. Circuit breaker at main panel tripped.	Reset main panel breaker.
	4) Place VOM meter leads on normally open contact leads from activation device. If closer is not indicated on meter when device is activated.....	Activation device is inoperative or voltage not supplied to device.	Restore voltage or replace device.
	5) Shut power off. Remove fuses from control box and motor leads. If fuse reads infinite OHMS....	Fuses open.	Replace fuse.
	6) Place jumper across blue and gray wires of control box. If door opens...	Activation device is inoperative.	Replace activation device.
	7) If after performing the above tests and the control box does not open when sensor is activated...	Control box is faulty.	Replace control box.
Door will not fully open	1) Manually push door open and close. If not working freely....	Door binding.	Adjust door to eliminate binding.
	2) Check for loose or bad connections of wires.	Doors has loose or bad connections.	Rework wiring and make sure all connections are good.
Door will not size	1) Manually push door open and close. If door is hard to open and close...	Door binding.	Adjust door to eliminate binding.
	2) Check for loose or bad connections on wires.	Doors with loose or bad connections.	Rework wiring and make sure all connections are good.
	3) Test motor. Disconnect power. Place VOM meter lead to motor wire and test to ground. If meter reads other than infinite OHMS....	Faulty motor.	Replace motor.
Door will not close.	1) Turn off power. Push door to 90 degrees. If door does not close.	Operator spring broken.	Replace motorgear box.
	2) Disconnect all activation and safety devices from control box. If door holds open under power.	Faulty control box.	Replace control box.



TROUBLE-SHOOTING GUIDE ASTRO®, SENIOR™, MIDDLE SWING™ INSTALLATION

Cause	Dead	Will not open	Will not open fully	Erratic open or closing	Will not size	Will not close	Recycle	Blows fuse or circuit breaker
115 V Off	X	X						
Improper Wiring	X	X						
Not Connected	X	X						
Open Circuit Breaker	X	X						
Blown Fuse	X	X						
Door Locked	X	X						
Low Voltage	X	X						
Open Switch Off Position	X	X						
Inoperative Activating Device		X						
Door Binding		X	X	X	X	X	X	
Orange Jumper Not Installed		X						
Loose Wires	X	X		X	X		X	
Hall Unit Inoperative				X	X			X
Activation Device Activated						X		
Phantoming Motion Detector					X		X	
Shortened Wires	X	X		X	X	X	X	X
Shortened Motor		X					X	X
Voltage Spike				X	X	X	X	X
Improper Arm Installation		X	X		X		X	
Broken Operator Spring						X		