



# ***SL500***

## ***Troubleshooting Guide***

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# Troubleshooting

## **Symptom: *Battery Does Not Charge***

Possible Causes	Solution
Power supply connected to battery may not have electricity.	Check to see that the charging cord is plugged into a live outlet.
Battery/Charger cables loose or disconnected.	Connect cables securely.
Bad battery.	Replace battery
Bad charger.	Replace charger

## **Symptom: *Stabilizer Brake Does Not Work***

Possible Causes	Solution
Brake needs adjustment.	Adjust brake. See Maintenance Section.
Uneven floor.	Make sure unit is on even floor. Do not operate lift on uneven floor.
Stabilizer brake latch not engaging properly.	Check to see if latch is engaging. If not, refer to Maintenance Section for disassembly.

## **Symptom: *Front Casters Do Not Lock Or Unlock***

Possible Causes	Solution
Locking pin not engaging with caster groove.	Make sure there is no obstruction with pin and groove.
Locking pin not engaging with caster groove.	Loosen bolts to locking pin and reposition for proper alignment. Make sure locking pin is in disengaged position while repositioning.
Locking pin not engaging with caster groove. Caster groove worn or damaged.	Replace Caster.
Locking mechanism on caster damaged.	Replace caster locking mechanism.

## **Symptom: *Keylock Spins 360 Degrees***

Possible Causes	Solution
Keylock D-groove damage or missing.	Replace Panel Assembly.
Keylock nut loose.	Tighten nut and make sure Keylock wiring is secure.

# Troubleshooting

**Symptom: LED Will Not Light Up But All Other Functions Work**

Possible Causes	Solution
Wiring to LED may be disconnected.	Check wires to see if they are disconnected at both ends of connections. If so, reconnect.
LED damaged.	Replace LED.
Circuit board damaged.	Replace circuit board.

**Symptom: Middle Column Extends Up Prior To Platform Engagement**

Possible Causes	Remedies
Vertical latch engagement bushing disconnected.	Reconnected bushing.
Vertical latch damaged.	Replace vertical latch
Vertical latch hook point damaged.	Replace vertical latch hook point.

**Symptom: Unit Will Not Move/Roll**

Possible Causes	Solution
Stabilizer brake may be engaged.	Disengage stabilizer brake.
Obstruction with caster.	Removed obstruction.
Caster(s) not properly lubricated.	Lubricate caster(s). See Maintenance Section.
One or more caster(s) damaged.	Replace caster(s).

**Symptom: Middle Column Does Not Return To Lowered Position**

Possible Causes	Solution
Path of middle column may be obstructed	Removed obstruction.
Problem with the electrical connections.	Check all electrical connections and make repairs where needed.

# Troubleshooting

## **Symptom: Unit Will Not Power On**

Possible Causes	Remedies
Battery may not be charged.	Charge Battery.
Keylock not in on position.	Turn keylock to on position.
Battery may not be connected.	Connect Battery.

## **Symptom: Oil Leaking**

Possible Causes	Remedies
Oil cap for winch is not on tight.	Tighten oil cap.
Seal on winch damaged.	Replace winch.

## **Symptom: Platform Will Not Move Up Or Down**

Possible Causes	Remedies
Power may not be on.	Turn power on.
Battery may not be connected.	Connect battery.
Problem with the electrical connections.	Check all electrical connections and make repairs where needed.
Circuit board may be damaged.	Replace circuit board.

## **Symptom: Platform Does Not Move Side To Side**

Possible Causes	Solution
Path of platform may be obstructed	Removed obstruction.
Damaged locking mechanism. May be stuck in locked position.	Check under platform for damaged part and make repairs where needed.

# Troubleshooting

## **Symptom: *Switch(es) Do Not Operate Lift***

Possible Causes	Solution
Power may not be on.	Turn power on.
Battery may not be connected.	Connect battery.
Problem with the electrical connections.	Check all electrical connections and make repairs where needed.
Circuit board may be damaged.	Replace circuit board.

## **Symptom: *Loud Banging Noise While In Operation***

Possible Causes	Remedies
Cable not wound properly.	Rewind cable on winch properly.

## **Symptom: *Ticking Or Buzzing Noise***

Possible Causes	Remedies
Low Battery	Charge battery
Circuit board may be damaged.	Replace circuit board.

## **Symptom: *Ratcheting Or Clicking Noise***

Possible Causes	Remedies
Winch low on oil.	Fill winch oil up to proper level.
New winch.	Run winch many time up and down until lo

## **Symptom: *Platform Handle Pulls All The Way Out***

Possible Causes	Solution
Spring holding handle in damaged.	Replace or repair spring.



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