

Trouble Shooting Guide

Problem	Possible Cause	Correction
Motor does not start.	Ignition switch is not on.	Turn the truck ignition switch to the "ON" position.
	Chassis Lift cut-off switch is turned off.	Turn the cab mounted cut-off switch to the "ON" position.
	Chassis Lift power fuse is blown.	Replace the 15 amp in-line fuse near the fuse panel in the cab.
	Circuit breaker is tripped.	Reset or replace the circuit breaker, located in the Chassis Lift pump box.
	Pump motor solenoid.	Check voltage on motor side of solenoid while pushing up or down. If there is no voltage, replace the solenoid.
	Bad ground.	Be sure the motor is properly grounded.
	Dead battery.	Charge or replace the battery.
	Battery cables.	Check that all connections are clean and tight. Inspect for breaks and replace if necessary.
	Controller is defective.	Check for live voltage in junction box. Push "UP" check green wire at terminal 4. Push "Down" check red wire at terminal 3. Replace controller.
	Switch on "A" frame is defective.	Check for live voltage in Junction box at terminal 1. Replace switch.
Motor starts but Chassis Lift will not raise/lower.	Motor is defective.	If all above is checked, and the motor is getting power at the post, replace the motor.
	Low line voltage. Control valve not shifting.	Check voltage at terminal 3 and 4, charge battery, check and clean all connections.
	Clogged pressure relief valve.	Clear pressure relief valve and reset pressure per instructions.
	Defective pressure relief valve.	If above process doesn't work then replace the valve.
Motor starts but Chassis Lift will not lift a load.	Defective control valve.	Replace valve.
	Low system pressure.	Push down the down button and note pressure. If under 1500 PSI, reset pressure per instructions.
	Clogged pressure relief valve.	Clear pressure relief valve and reset pressure per instructions.
	Defective pressure relief valve.	If above process doesn't work, replace the valve.
	Low line voltage. Control valve not shifting.	Check voltage, charge battery, check and clean all connections.
Cargo exceeds 24,000 lbs.	Check payload weights and reload.	

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Chassis Lift FRONT goes down, but BACK will not go down all of the way.	Ice or debris on or between truck chassis and lifter.	Raise Chassis Lift and clean off debris.
	Dirt and/or rocks in rear mast.	Power wash rear mast.
	Not enough oil in closed section of hydraulic system.	Open rear bleeder plug and push down button (see bleeding instructions). Be sure you have 1500 PSI.
Chassis Lift BACK goes down but FRONT will not go down all of the way.	Ice or debris on or between truck chassis and lifter.	Raise Chassis Lift and clean off debris.
	Excess oil in closed section.	Open front bleeder plug and push the down button (see bleeding instructions). Be sure there is 1500 PSI.
	Defective JL50 Pressure Relief Valve.	Replace pressure relief valve.
	Bad rear cylinder piston seals.	Replace rear cylinder piston seals and/or pistons.
Chassis Lift BACK goes up but the FRONT does not.	Not enough oil to closed section of hydraulic system.	Open rear bleeder plug and push down button. Be sure you have 1500 PSI.
Chassis Lift moves side to side.	Too much space between front and/or rear masts plastic slide blocks and channel.	Raise Chassis Lift half way and place shims behind plastic slide blocks until tight.
	Front or Rear mast is bent.	Call Factory!!!!
Body will not lock on easily.	Body is not forward enough.	Back the truck up until the front wing plates contact the "scrub" plates on the front of the body.
	Body is not forward enough.	Check and remove any ice, snow, debris or obstruction that may be built up in front of body.
	Ice or debris on or between truck chassis and lifter.	Raise Chassis Lift and clean off debris.
	Excess oil in closed section.	Open front bleeder plug and push the down button (see bleeding instructions). Be sure there is 1500 PSI.
Body goes out of balance regularly.	System needs to be bled.	Bleed system per instructions.
	Bad rear cylinder piston seals.	Replace rear cylinder piston seals and/or pistons.
	Defective JL50 Pressure Relief Valve.	Replace pressure relief valve.
Oil overflows from the reservoir.	Down flow valve is not set properly.	Set flow valve with a full body until it lowers at same rate as it goes up.
Body "slams" or moves while in transit.	Hooks are not adjusted properly.	Check and adjust hooks.
Body lights do not work.	Light plug wiring.	Check that all wire connections are tight and wired to the correct pin.
	Light plug is dirty.	Use a light plug wire brush and clean the light plug and socket.

Customer Service

Service available through:

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