



<u>Problem</u>	<u>Possible Cause</u>	<u>Remedy</u>
Lift Gate will not raise or raises slowly.	Motor not running, electric hydraulic units only.	Check for shorts, ground faults or open circuits, broken cables or connections. In below freezing temperatures, water, slush, or snow may accumulate in the mechanical drives and freeze.
	Little or no oil in hydraulic resevoir.	Fill with the correct type and quantity of hydraulic fluid. See maintenance manual.
	No oil supply to cylinder.	Check for broken or blocked hoses, valves, & filters.
	Solenoid not moving control valve.(Remote control electric/hydraulic units only)	Check connections at terminal block.
	Hydraulic fluid thickened due to low temperatures.	Change to thinner hydraulic fluid. See Maintenance Manual.
Gate will not raise or raises slowly when loaded.	Reduced flow of hydraulic fluid.	On electric/hydraulic units check voltage supply to motor. Minimum voltage supply should be 10 volts. If too low, decrease resistance by shortening battery cable or increasing power supply. Check for poor connections. Battery capacity may be too small.
	Gate overloaded.	DECREASE load.
	Worn pump.	Have the pump serviced or replaced.
	Worn relief valve.	Have the pump serviced or replaced.
	Solenoid valve stuck open, electric/hydraulic units only.	Clean or replace valve.
Cylinder vibrates up & down while lifting.	Air in system.	Lower platform to ground and fill resevoir. Raise and lower platform several times. Refill resevoir if necessary.
	Resevoir breather plugged.	Clean breather.
Pump continues to apply upward force after platform reaches full height.	Pressure relief valve set too high. Electric/hydraulic units.	Readjust or replace valve. NOTE:Electric pump should be shut off <u>immediately</u> after tailgate reaches full height.
Excessive battery discharge. Electric units only.	Alternator/generator not functioning.	Repair or replace alternator/generator.
	Frequent use with insufficient charging time.	Check battery water level frequently. Avoid use for short periods without allowing adequate recharge time.



Overflowing through resevoir breather.	Overfilled resevoir.	Drain resevoir to proper level. See Maintenance Manual.
	Air in system.	Raise and lower platform several times. Refill if necessary.
	Insufficient oil in resevoir	Fill with hydraulic fluid. See Maintenance Manual.
	Air in system.	Raise and lower platform several times. Refill if necessary.
	Obstructions in tracks or from truck.	Remove and clean obstructions.
	Improper chain adjustment.	Adjust chain by chain anchor bolts in main housing. See Maintenance Manual.
Gate will not descend or does so slowly.	Control valve stuck.	Clean or replace valve. On electric/hydraulic units check for proper operation of solenoid valve.
	Sliders binding.	Check sliders and tracks for dents or warpage. Lubricate with STP Oil Treatment or SAE 30 HD oil as temperature conditions permit. Check for rust and road grime accumulation in tracks. Pressure was clean as necessary.
	Oil thickened due to low temperature.	Change to thinner hydraulic fluid. See Maintenance Manual.
	Interference with vehicle frame or body.	Remove and clean obstructions.
	Restricted oil return flow.	Check for kinks or sharp bends in hoses. Reroute hoses if necessary. Clean or replace all plugged hoses, valves or filters.
Gate creeps down while control in neutral or up position.	Leaks in system	Check all hoses, connections and control valves, replace or repair any faulty components.
	Worn hydraulic cylinder.	Check and/or replace cylinder packing. Check cylinder for scoring, replace if necessary.