

Hydraulic Pump Maintenance

Problem	Reason	Solution
Pump does not function	/Electric current too weak, battery too weak (12V) /Electric current too weak, substandard extension cable (110V) /Breaker /Corroded connections or not sufficiently tightened /Pipes not sufficiently tightened or wrongly installed	/Recharge the battery /Replace the extension cable by a larger size. See a qualified electrician /Check the breaker on the receptacle GFI (110 V) /Clean the battery posts or tighten the posts /Reinstall the pipes or tighten the nozzles
Elevator does not go up when loaded	/Debit control valve wrongly adjusted /Electric current too weak, battery too weak (12V) /Electric current too weak, substandard extension cable (110V) /Oil level in tank too low /Load too heavy /Pipes not sufficiently tightened or wrongly installed	/Turn the pump debit control valve 1/4 - 3/4 turn counter clockwise /Recharge the battery /Replace the extension cable by a larger size. See a qualified electrician /Add hydraulic biodegradable oil ESSO Unavis Bio 40 - When the bed is raised the oil level must be 1" below the top of the tank /Check total weight of your boat including motor, gas, equipment, water into ballast /Reinstall the pipes or tighten the nozzles, control the path of the hose, pinched or crimped
When the load is raised, the bed comes back down by itself	/Load too heavy /Defective hose (leak) /Defective pump	/Check total weight of your boat including motor, gas, equipment, water into ballast /Check hose for leak sign /Contact the manufacturer
Bed comes down too quickly when loaded	/Debit control valve wrongly adjusted /Load too heavy	/Turn the pump debit control valve 1/2 turn clockwise /Check total weight of your boat including motor, gas, equipment, water into ballast
Oil leak	/Pipes not sufficiently tightened or wrongly installed /Oil Level too high	/Reinstall the pipes or tighten the nozzles, /Take out excess oil- When the bed is raised the oil level must be 1" below the top of the tank
Battery does not stay charge	/Solar panel wrongly positioned /Corroded connections or not sufficiently tightened /Battery too weak /Defective control charge /Used too many times in one day /Defective battery	/Position the solar panel so that it faces the noon sun /Clean the battery posts or tighten the posts /Recharge the battery /See notice of control charge /Recharge the battery /Replace the battery
Remote control does not function	/Battery of remote too weak /Burned fuse /Wrong frequency /Electric current too weak	/Change battery of the remote /Change fuse /Reprogramme remote /Clean or tighten the nozzles of the battery

In case of remote failure, use manual remote or power unit directly

