

At Ultra Legs®, we pride ourselves on providing the best hydraulic leg lifts available. However, things may still go wrong. If you are experiencing an issue with the operation of your Ultra Legs® unit, consult the following Troubleshooting Guide. Should the issue still exist, consult Ultra Legs® directly at 651-357-1862. Each new Ultra Legs® unit comes equipped with a Limited Two-Year Warranty. See Warranty sheet for details.

## Quick Checks:

Before digging deeper into the Troubleshooting Guide, there are a few quick checks that may solve your problem.

- Is there an obstruction blocking the extension or retraction of you Ultra Legs®?
- Is the water too deep for your Ultra Legs® to contact the bottom?
- Is your oil level below the recommended level?
- Is the Power Unit connected to the battery?
- Is the water level too shallow? We do not recommend lifting in less than 2-1/2 feet of water.

## Troubleshooting:

- Ultra Legs® are inoperable, movement and noises are nonexistent.
  - o The battery may be too weak to operate or dead. Check battery charge and charge or replace as necessary.
  - o Power cables may have become disconnected. Check cable connections at the battery and at the Power Unit.
  - o Remote control may have become disconnected from the remote receiver. Attempt to use the toggle switch on the Power Unit to adjust your Ultra Legs®. If that works, change remote control batteries or reprogram your remote control.
- Remote Control is not functioning properly.
  - o The battery in the remote control may be dead. Replace the batteries.
  - o Remote control may have become wet. Allow remote control to dry.
  - o The receiver antenna or signal may be impeded. Remove impediment.
  - o The remote control may have become disconnected from the remote receiver. Reprogram remote control.
  - o Boat battery may have insufficient voltage. Make sure boat battery is fully charged.
  - o Battery cables may not have been shortened. Make sure battery cables between pump and battery are trimmed to length making the shortest direct connection possible.
- Oil level is low – Legs are stuck or straining to extend or retract.
  - o Check all hoses and hydraulic fittings for leaks, loose or improperly tightened connections. Tighten any loose connections or consult your dealer to replace broken or leaking hydraulic hoses.
  - o The hydraulic system may have been filled improperly and contains air. Bleed air from the system.
  - o Oil level was too low when initially filled. Fill oil tank to within 1" of top with legs fully retracted.

*Never fill reservoir when the legs are extended, oil in the hydraulic cylinders and hoses goes back into the reservoir when retracting. When refilling oil tank, use only Ultra Legs® provided oil.*

- Air in hydraulic system – Legs are moving intermittently or jerking when extending or retracting.
  - o System may not have been properly filled to remove air during installation or air has been introduced during a period of low oil levels. An air pocket may “lock” the system momentarily. Check oil level and attempt to bleed air from the system.
- Legs are stuck while extended and will not retract.
  - o The rear legs may have surpassed the pivot point in relationship to the front legs. Attempt to raise the front legs until they are higher than the rear to return operation to normal.
  - o The system may be low on oil and has air locked. Fill oil tank to just over half full and bleed the system of air if the legs become unstuck.

### **Program Remote:**

Ultra Leg remote receivers allow for the programming of up to three (3) remote control units. To program a new remote control or to reset the original remote control if the remote receiver no longer recognizes it, follow the following instructions.

1. Locate the remote receiver in the compartment next to the hydraulic pump.
2. Disconnect the harness from between the pump and receiver.
3. Reconnect the harness between the pump and receiver. The receiver will now be in “Pairing Mode” for 10 seconds.
4. Press and hold ON button on the remote for three (3) seconds during the pairing window.
5. The remote should now function properly.

### **Remote Troubleshooting:**

1. Each remote is equipped with a 10-minute standby timer. After 10 minutes of no commands being sent, the remote will go into standby mode. To resume operation, press the ON button to wake the remote and resume control. Toggle switches will remain operational on the receiver box even if the remote is in standby mode.
2. The receiver can hold up to three (3) remote pairings. Pairing a new remote after all three pairings are filled will cycle and remove the oldest stored remote to add the newest pairing.
3. If the pairing process is not able to be completed per the instructions, ensure the pump is connected to a fully charged battery and that any battery switches are in the “on” position.

### **Bleed Air From System:**

1. Slowly run the legs all the way up and down two to three times to allow air to escape. This may be done in deep water where the legs do not contact the bottom to reduce strain on the system until it is properly bled and topped off with oil.
2. Refill the oil tank to within 1” of the top while legs are fully retracted.