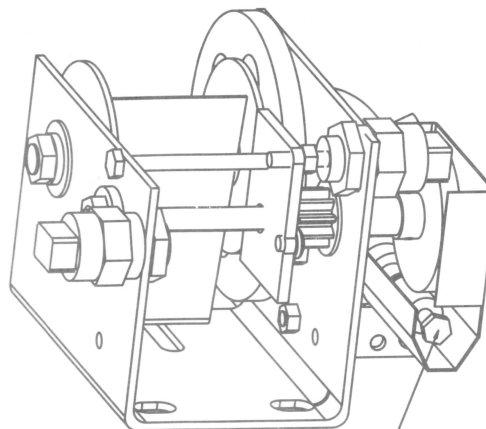


Manual Operation

In the case of a power failure, the winch can be raised and lowered manually. Refer to Figure 14.

1. Locate the manual drive bolt. It is located on the end of the winch motor shaft.
2. Place a 7/16" socket over the bolt head.
3. Turn the bolt clockwise to raise the top and counter clockwise to lower the top.

Figure 14. The winch can be operated manually by attaching a 7/16" socket to the bolt at the end of the motor. Turn clockwise to raise top and counter-clockwise to lower top



USE A 7/16" SOCKET
ON THIS BOLT AND
TURN TO OPERATE
WINCH MANUALLY

Winch Maintenance

1. Frequently inspect cable. Look for kinks, cuts, or breaks in the cable. Immediately replace cable if any kinks, cuts or breaks are found in the cable.
2. Lubricate the cable once per year with 30 weight motor oil.
3. Lubricate the worm gear and worm at the beginning of every camping season or every three months if the camper is used once per month. Use only extreme pressure lithium complex grease with a thickness rating of NLGI #2. MPC PL10 Power Lift Grease™ is the recommended grease for lubricating these gears.
4. Pack the gear cover full of grease making sure there is grease on all sides of the gear cover.
5. Under heavy use there may be some minor smoking of the gears. Heavy gear smoke or loud winch vibration may be an indication of a serious problem that should be examined by a trained service technician.
6. Check all electrical wiring for cuts or breaks every six months. Replace any broken or cut wires.
7. Check all electrical connections for corrosion every six months. Clean any corrosion that is found on electrical connections.