

MAINTENANCE

The owner/operator is responsible for all periodic maintenance.

WARNING

Never operate a damaged or defective winch.

WARNING

Improper maintenance will void your warranty.

Complete all scheduled maintenance in a timely manner. Correct any issue before operating the winch.

NOTICE

For service or parts assistance, contact our help line at **1-877-338-0999**.

Lubrication

All moving parts within the electric winch have been lubricated using high-temperature lithium grease at the factory. No internal lubrication is required.

Cable Assembly Replacement

It is recommended that any modifications be performed by a manufacturer's authorized repair facility, and that only manufacturer-supplied parts be used.

1. Move the clutch to the "Out" position.
2. Extend cable assembly to its full length. Note how the existing cable is connected to the inside of the drum.
3. Remove old cable assembly and attach new one.
4. Retract cable assembly onto drum, being careful not to allow kinking.

Synthetic Rope Replacement

It is recommended that any modifications be performed by a manufacturer's authorized repair facility, and that only manufacturer-supplied parts be used.

1. Move the clutch to the "Out" position.
2. Extend synthetic rope to its full length. Note how the existing rope is connected to the inside of the drum.
3. Remove old synthetic rope and attach new one.
4. Retract synthetic rope onto drum being careful not to allow kinking.

Synthetic Rope

Periodically rinse the synthetic rope with water to remove any sand, dirt, mud, or debris that can become embedded or build up in the rope during use. This will help extend the life of the rope.

NOTE

Inspect rope before and after each use. If rope becomes frayed it must be replaced.

Performance Specifications

- Rated Pull 12,000 lb. (5,443 kg)
- Gear Reduction Ratio 216:1
- Motor Series Wound Motor 6.0 HP/4.5 kW (12V DC)
- Duty Cycle Intermittent Use Only
- Drum Size 2.5 in. (D) × 8.8 in. (L) [63 mm (D) × 224.5 mm (L)]
- Synthetic Rope 11/32 in. (D) × 85 ft. (L) [9 mm (D) × 26 m (L)]
- Gross Weight 105.8 lb (48 kg)
- Net Weight 95.9 lb (43.5 kg)
- Height 10.1 in. (25.7 cm)
- Width 5.8 in. (14.8 cm)
- Length 22.3 in. (56.6 cm)
- Bolt Pattern 10 in. × 4.5 in. (25.4 cm × 11.4 cm)

Line Speed and Motor Current (First Layer)								
Line Pull	lb.	0	2000	4000	6000	8000	10000	12000
	kg.	0	907	1814	2722	3629	4536	5443
Line Speed (12V DC)	FPM	15.7	9.8	7.2	5.9	4.9	3.9	2.3
	MPM	4.8	3.0	2.2	1.8	1.5	1.2	0.7
Max Current	A	115	175	220	280	320	400	480
Run Time*	Minutes	1	1	1	1	1	1	1
Cooling Time**	Minutes	5	5	5	5	5	5	5

* If the motor becomes uncomfortably hot to the touch, stop winching immediately and let it cool down for 5 minutes. Do not pull for more than one minute at or near the rated load.

** Electric winches are designed and made for intermittent use and should not be used in constant duty applications.

Line Pull and Cable Capacity Per Layer					
Line of Cable		1	2	3	4
Rated Line Pull	lb.	12000	9599	8000	6856
	kg.	5443	4354	3629	3110
Cable Capacity	ft	18	39.4	64	85
	m	5.5	12	19.5	26

Use double line and snatch block for pulling loads over 50%.

TROUBLESHOOTING

Problem	Cause	Solution
Motor does not turn on	Switch assembly not connected properly.	Insert switch assembly all the way into the connector.
	Loose battery cable connections.	Tighten nuts on all cable connections.
	Contactor malfunctioning.	Tap contactor to loosen contacts. Apply 12 volts to coil terminals directly. A clicking indicates proper activation.
	Defective switch assembly.	Replace switch assembly.
	Defective motor.	Check for voltage at armature port with switch pressed. If voltage is present, replace motor.
	Water has entered motor.	Allow to drain and dry. Run in short bursts without load until completely dry.
Motor runs but cable drum does not turn	Clutch (cam ring) not engaged.	Move cam ring to the "In" position. If problem persists, a qualified technician needs to check and repair.
Motor runs slowly or without normal power	Insufficient current or voltage.	The battery is weak; recharge. Run winch with vehicle motor running (battery should have a strong charge).
	Loose or corroded battery cable connections.	Clean, tighten, or replace.
Motor overheating	Winch running time too long.	Allow winch to cool down periodically.
Motor runs in one direction only	Defective or stuck contactor	Tap contactor to loosen contacts
		Repair or replace contactor
	Defective switch assembly	Replace switch assembly

For further technical support:

Technical Service

Mon – Fri 8:30 AM – 5:00 PM (PST/PDT)

Toll Free: 1-877-338-0999

tech@championpowerequipment.com

WARRANTY*

CHAMPION POWER EQUIPMENT
2 YEAR LIMITED WARRANTY

Warranty Qualifications

To register your product for warranty and FREE lifetime call center technical support please visit:

<https://www.championpowerequipment.com/register>

To complete registration you will need to include a copy of the purchase receipt as proof of original purchase. Proof of purchase is required for warranty service. Please register within ten (10) days from date of purchase.

Repair/Replacement Warranty

CPE warrants to the original purchaser that the mechanical and electrical components will be free of defects in material and workmanship for a period of two years (parts and labor) from the original date of purchase and 180 days (parts and labor) for commercial and industrial use. Transportation charges on product submitted for repair or replacement under this warranty are the sole responsibility of the purchaser. This warranty only applies to the original purchaser and is not transferable.

Do Not Return The Unit To The Place Of Purchase

Contact CPE's Technical Service and CPE will troubleshoot any issue via phone or e-mail. If the problem is not corrected by this method, CPE may, at its option, authorize other means of repair and/or replacement.

Warranty Exclusions

This warranty does not cover the following repairs and equipment:

Normal Wear

Products with mechanical and electrical components need periodic parts and service to perform well. This warranty does not cover repair when normal use has exhausted the life of a part or the equipment as a whole.

Installation, Use and Maintenance

This warranty will not apply to parts and/or labor if the product is deemed to have been misused, neglected, involved in an accident, abused, loaded beyond the product's limits, modified, installed improperly or connected incorrectly to any electrical component. Normal maintenance is not covered by this warranty and is not required to be performed at a facility or by a person authorized by CPE.

Other Exclusions

This warranty excludes:

- Cosmetic defects such as paint, decals, etc.
- Wear items such as winch cable, etc.
- Accessory parts such as storage covers.
- Failures due to acts of God and other force majeure events beyond the manufacturer's control.
- Problems caused by parts that are not original Champion Power Equipment parts.

Limits of Implied Warranty and Consequential Damage

Champion Power Equipment disclaims any obligation to cover any loss of time, use of this product, freight, or any incidental or consequential claim by anyone from using this product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

A unit provided as an exchange will be subject to the warranty of the original unit. The length of the warranty governing the exchanged unit will remain calculated by reference to the purchase date of the original unit.

This warranty gives you certain legal rights which may change from state to state or province to province. Your state or province may also have other rights you may be entitled to that are not listed within this warranty.

Contact Information

Address

Champion Power Equipment, Inc.
6370 S Pioneer Way, Unit 101
Las Vegas, NV 89113 USA
www.championpowerequipment.com

Customer Service

Toll Free: 1-877-338-0999
info@championpowerequipment.com
Fax no.: 1-562-236-9429

Technical Service

Toll Free: 1-877-338-0999
tech@championpowerequipment.com

📞 EMERGENCY 24 HOUR SUPPORT: 1-562-204-1188