

84-11400

1500 LB ELECTRIC WINCH

OPERATION INSTRUCTIONS



HIGHLIFTER

SEIZMIK™



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NOTE: PRODUCT IMAGE MAY VARY DEPENDING ON MODEL

1500LB WINCH SPECIFICATIONS

Rated Line Pull	1500lbs (680kgs) Single Line
Motor	Permanent magnet, 0.5kw/0.7hp
Gear Reduction Ratio	150:1
Gear Train	Differential Planetary
Cable (Dia x L)	4mm x 9.2m
Drum Size (Dia x L)	1.18" (30mm) x 2.8" (71mm)
Braking Action	Automatic In-The-Drum
Overall Dimensions (L X W X H)	11.3" x 4" x 4.1"(286mm X 100mm X 105mm)
Mounting Bolt Pattern	80mm, 8.5
Weight	N.W.7kg G.W.8kg
Packing size	355 x 265 x 170mm 1PC/CTN
CBM	0.02m ³

PULL, SPEED, AMPERES, VOLTS

Line Pull Lbs (kgs)	Line speed ft/min(m/min)	Current A
0	10.5 (3.2)	8
500 (227)	9.2 (2.8)	30
1000 (454)	7.5 (2.3)	60
1500 (680)	5.2 (1.6)	90

LINE PULL AND ROPE CAPACITY IN LAYER

Layer	Rated Line Pull Lbs (kgs)	Total Rope on Drum ft (m)
1	1500 (680)	6.5 (2.0)
2	1227 (557)	14.0 (4.3)
3	937 (425)	23.5 (7.2)
4	900 (408)	25.0 (7.6)

INSTRUCTIONS

Thank you for purchasing a 1500lbs/2000lbs/2500lbs/3000lbs winch from our company. You will need this manual for the safety warnings and cautions, assembly instructions, operating procedures, maintenance procedures, trouble shooting, parts list, and diagram.

PRODUCT FEATURES

1. Powerful, 1500lbs of pulling power.
2. 12Volt powered for convenient use without extension cords or small gas engines.
3. Portable, with built-in carrying handle and quick-attach mounting plate.

NOTICE

The Warnings, Cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are the factor which cannot be built into this product, but must be supplied by the operator.

SAFETY WARNING AND PRECAUTIONS

Your winch is an very powerful machine. If it is used unsafely or improperly, there is a possibility that property damage or personal injury could result.

WARNING:

The responsibility for safe installation and operation of the winch and prevention of operation of personal injury and property damage ultimately rests with you, the operator. There is no substitute for the use of good judgment and caution in operating a winch.

READ ALL INSTRUCTIONS BEFORE USING THIS TOOL!

1. **OBSERVE WORK AREA CONDITIONS.** Do not use machines or power tools in damp or wet locations. Do not expose to rain. Do not use electrically powered tools in the presence of flammable gases or liquids.
2. **KEEP CHILDREN AWAY.** Do not let them handle machines, tools, or extension cords.
3. **DRESS PROPERLY.** Do not wear loose clothing or jewelry as they can be caught in moving parts. Protective, electrically non-conductive clothes and non-skid footwear are recommended when working. Wear restrictive hair covering to contain long hair. Portable, with built-in carrying handle and quick-attach mounting plate.
4. **DO NOT OPERATE THE TOOL IF UNDER THE INFLUENCE OF ALCOHOL OR DRUGS.**
5. **KEEP HANDS AND BODY FROM FAIRLEAD WHEN OPERATES.**
6. **DO NOT LIFT ITEMS VERTICALLY.** The winch was designed for horizontal use only.
7. **NEVER WINCH LESS THAN 5 TURNS OF WIRE ROPE AROUND THE WINCH DRUM.** The wire rope end fastener may not withstand full load.
8. **DO MOVE VEHICLE WITH CABLE EXTENDED AND ATTACHED TO LOAD TO PULL IT.** The cable could snap.
9. **USE GLOVES WHILE HANDING CABLE.** Do not let wire rope slide through your hand.

10. *DO NOT OVERLOAD. For load over 1/2 rated capacity, we recommend the use of the optional pulley block to double line the wire rope.*
11. *THE VEHICLE ENGINE SHOULD BE RUNNING DURING IN WINCH OPERATION. If considerable winching is performed with the engine off, the battery may be too weak to restart the engine.*
12. *USE A NYLON SLING. Never hook the wire rope back onto itself because you could damage the wire rope.*
13. *NEVER USE YOUR WINCH FOR LIFTING OR MOVING PEOPLE.*
14. *AVOID CONTINUOUSLY PULLING FROM EXTREME ANGLES. This will cause the wire rope to pile up on the end of the drum.*
15. *NEVER RELEASE FREE SPOOL CLUTCH WHEN THERE IS A LOAD IN THE WINCH.*
16. *DISCONNECT POWER. Always disconnect winch power leads to battery before working in or around the winch drum so that the winch cannot be turned on accidentally.*
17. *When moving a load, slowly take up the wire rope slack until it become taut. Stop, recheck all winching connections. Be sure the hook is properly seated. If a nylon sling is used, check the attachment to the load.*
18. *When using your winch to move a load, place the vehicle brake, and chock all wheels.*
19. *DO NOT USE THE WINCH TO HOLD LOAD IN PLACE. Use other means of securing loads such as tie down straps.*
20. *DO NOT MACHINE OR WELD ANY PART OF THE WINCH. Such alterations may weaken the structural integrity of the winch and could void your warranty.*
21. *USE STIPULATES CURRENT. Do not connect winch to either 110v ac house current or 220v mains as winch burnout or fatal shock may occur.*
22. *KEEP STEADY. Never allow shock loads to be applied to winch or wire rope.*

SPECIAL WARNINGS WHEN USING THIS ELECTRIC WINCH

The Battery

Be sure the battery is in good condition. Avoid contacting with battery acid or other contaminants. Always wear ANSI approved eye protection when working around a battery. Have the engine running when using the winch, to avoid ruing the battery down.

Stand Back

Stay out of the direct line that the cable is pulling. If the cable slips or breaks, it will "whiplash" along this line. Keep hands, clothing, hair and jewelry clear of the winch while in use. Use a spotter to assist you in assuring that it is safe to operate the winch. Make sure this person is out of the way of the vehicle and the cable before activating the winch.

Power Limits

Do not attempt to exceed the pulling limits of this winch. Never use the hand crank to "assist" the winch. This will damage the winch and may cause personal injury.

USING YOUR WINCH

1. Put your vehicle in Neutral. (Never winch with your vehicle in Gear or in Park, since this could damage your vehicle's transmission.) **PUT YOUR EMERGENCY BRAKE ON. BLOCK THE WHEELS FROM ROLLING—USING SUITABLE CHOCKS. FAILURE TO FOLLOW THESE INSTRUCTIONS CAN CAUSE YOUR VEHICLE TO ROLL WHILE, CREATING AN EXTREMELY DANGEROUS SITUATION!!**
2. To pull out the cable, turn the **CLUTCH KNOB** counterclockwise to loosen it, and then pull out the cable you need. **ALWAYS LEAVE AT LEAST FIVE TURNS OF CABLE ON THE SPOOL TO PREVENT PULLING THE CABLE OUT OF THE WINCH!**
3. Hook onto the object using a pulling point, tow strap or chain. Never warp the cable around the object. Positive and hook onto the cable itself. This can cause damage to the object being pulled, and kink or fray the cable.
4. Re-tighten the clutch knob.
5. Stand clear, and when it is safe to do so, use the power switch in the remote control to retract the cable, and winch the item as desired.

WARNING

1. Keep hands. Clothing, hair, and jewelry clear of the drum area and cable when winching.
2. Never use the winch if the cable is frayed, kinked or damaged.
3. Never allow anyone to stand near the cable or in line with the cable behind the winch while it is under power. If the cable should slip or break, it can suddenly whip back toward the winch, causing a hazard for anyone in the area. Always stand well to the side while winching.

WARNING:

Do not use the crank to assist an operating winch. This will damage the winch and may cause personal injury.

4. Turn the clutch knob clockwise until hand tight. Do not force it or over tighten.
5. Place the end of the hand crank over the flattened end of threaded shaft on the left side of the winch.
6. Rotate the hand crank clockwise to tighten the cable. Continue to turn until the cable had been completely retracted.

MAINTENANCE

1. Lubricate the cable occasionally with light oil.
2. Grease the gears every 6 months. To do this, remove the clutch knob and separate the left and right housing. Use any good quality waterproof grease.

THANK YOU FOR CHOOSING

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WARRANTY INFORMATION



HIGH LIFTER LIMITED LIFETIME WARRANTY

High Lifter offers a Limited Lifetime Warranty to the original purchaser that our product shall be free from defects in material and workmanship for the life of the product if utilized in accordance with the manufacturer's instructions for installation and operation of said products.

LIMITED LIFETIME WARRANTY EXTENDS TO THE FOLLOWING PRODUCT LINES:

- Lift Kits (Signature, Standard and Big Lifts)
- Control Arms
- Trailing Arms
- Radiator Relocation Kits
- Portal Gear Lifts
- Wheel Spacers
- Tow Hooks
- Control Arm Link Kits

Damages to vehicle or any other object during the installation, use, or removal of High Lifter products are not covered under this warranty. Normal wear items included with any of the products covered under this Limited Lifetime Warranty are excluded from coverage. These items include, but are not limited to heim joints, tie rods, bearings, bushings, seals, gaskets, zinc plating, painted and powder coated finishes. Other exclusions of coverage under this warranty include, but are not limited to: damage or product failure due to improper installation, lack of maintenance, product modification, abuse, collision or use on vehicles for which product was not designed, repairs performed by anyone other than approved High Lifter personnel or made using non-High Lifter components. This warranty is valid for the original purchaser only and is non-transferable. High Lifter reserves the right to inspect any product before determining if the claim is valid and covered under this warranty. Claims determined to be caused by reasons other than a manufacturer defect will be rejected and an estimate for repair or cost of a replacement product if a repair is not possible, will be provided.

This warranty is exclusive and is in lieu of any implied warranty of merchantability, fitness for a particular purpose or other warranty of quality, whether express or implied, except the warranty of title.

WARRANTY PROCESSING

If you suspect your product is defective, **DO NOT disassemble the product** to determine the cause without prior approval as it may void your warranty status. This is especially true with our Portal Gear Lift. To begin the claim process, please e-mail our warranty team at warranty@highlifter.com and include the following in the e-mail:

- Your full name, address and contact phone number
- The year, make and model of your vehicle
- The part number of the product
- Photos of the product installed, and vehicle product is installed on
- Proof of purchase (Required for all warranty claims and you must be the original purchaser)

Once a claim is created, you will receive a return authorization number (RMA). Write this number on the outside of the box containing your defective product and include it along with your name and contact information inside the box. Product must be returned in the original box or a box of equal strength and packaging. Product sent without an RMA number visible on the outside of the box or sent COD will be refused. Ship your product to the following address:

High Lifter Products
Attn: Returns 7455 Atkinson Dr, Shreveport, LA 71129

Once your product is received, we often have your replacement or repaired product shipped back to you within 3-business days of receiving it. Please note that **High Lifter is not responsible** for shipping charges on product returned for warranty or repair, including duties and fees required by those residing outside the United States.

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