



Buck Packing List

Buck Arch Hand Use Package

- 1 arch frame
- 1 tong hanger
- 1 handle
- 1 plated bar for handle
- 1 elbow for handle
- 2 wheels
- 8 lug nuts
- 1 5/16" locking pin
- 3 5/8" bent hitch pins
- Owner's Manual

Serial # _____

Packed by _____



Buck Arch Tow Package

- 1 arch frame
- 1 drop tongue with winch
- 1 winch handle
- 2 wheels
- 8 lug nuts
- 1 5/8" bent pin
- 1 snatch block
- 1 ratchet strap
- 1 oz Bluecrawler Lubricant
- 1 Owner's Manual

Serial # _____

Packed by _____



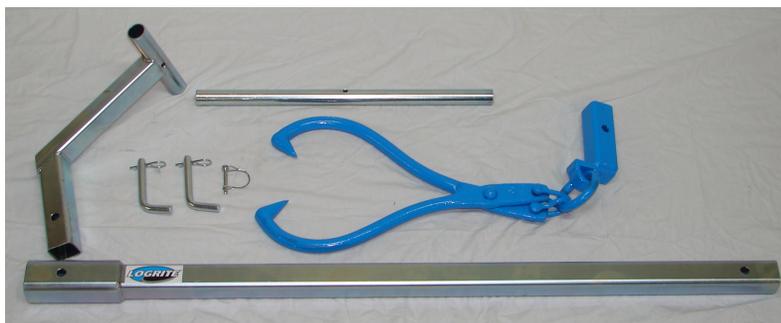


Buck Options Packing List

Buck Arch Handle Package

- 1 tong hanger
- 1 handle
- 1 plated bar for handle
- 1 elbow for handle
- 1 5/16" locking pin
- 2 5/8" bent hitch pins

Packed by



Buck Arch Drop Tongue

- 1 drop tongue with winch
- 1 winch handle
- 1 snatch block
- 1 ratchet strap
- 1 oz. Bluecreeper Lubricant

Packed by





101 Industrial Park Road
Vernon, CT 06066
Www.logrite.com
800-631-4791

Buck Arch Owner's Manual

The Buck Arch has a unique adjustable tong hanger which makes it easy to pick up logs ranging from 8" to 22" diameter.



The 5' handle gives you plenty of leverage to easily lift logs weighing up to

1800 lbs with just a quick push on the handle from your shoulders to your waist.

It will fully suspend a 16' log when using the handle or a 10' log when using the optional drop tongue attachment.

Warnings

- Read all instructions before using.
- Remain constantly aware that safe operating is your responsibility.
- The tongs on the Buck Arch are designed to move logs only.
- Do not use arch to move logs on any public road.
- Do not lift the arch.
- Maintain control over the load at all times to prevent the arch and its load from springing up abruptly.
- Remain constantly aware that safe operating is your responsibility.
- Should the load begin to fall out of control when operating, do not attempt to stop the spinning winch handle with your hands or any part of your body.

Assembly for Handle and Tongs

- Bolt wheels to the arch.
- Check tire inflation.
- Insert adjustable tong hanger and pin into desired position.
- Put handle together with pin.
- Attach handle to arch with pin.

Assembly for Tow Package

- Bolt wheels to the arch.
- Check tire inflation.
- Insert drop tongue and insert pin.
- Attach snatch block to blue chain.
- String winch cable down length of arch and through the snatch block.

Maintenance

- Keep tires inflated to recommended pressures, and inspect lug nuts for tightness.
- Check tong tips for sharpness.
- Pack hubs with grease annually or after heavy use.
- Inspect the coupler, winch and snatch blocks daily.
- Keep winch line unsnarled.
- Grease winch cogs and oil the input shaft bushing just be-



Usage

- 1- Set the tong hanger to match the log's diameter. Up for larger logs. Down for smaller logs.
- Remove pin.
 - Remove tong hanger and flip over, place back in receiver, and align holes.
 - Replace pin.

up position for larger diameter logs



down position for smaller diameter logs



- 2- Straddle the arch over the log and find the balance or midpoint of the log.
- 3- With the reach upright, set the tongs by pulling down on the handle.
- 4- Pivot the log with free hand.
- 5- A quick release of the tongs takes practice; drop log, pull arch back, then strike down on the tongs with the nose of the arch.

Note: when using the arch in a brushy area where the wheels won't roll; **pump** the log out, by setting the tongs, bringing the wheels toward you and as you lift the log, the log will travel toward you about one foot, drop the log and repeat.

Options

Chain Adapter

The Buck Arch can be fitted with a 7 ft choker chain adapter which allows you to lift objects that you don't or can't set tongs into. To use this option remove the tongs, insert the chain adapter and pin in place. Straddle the arch over the load and wrap the chain around the load. Tip the arch and hook the chain at the closest link to the object that you can. Pull down on the handle to lift the object.



Use with the Drop Tongue and Winch Option

The drop tongue is equipped with a 2300 lb 2 speed winch, 25' of 1/4" cable with choker and a side release snatch block.

In this mode your arch will perform as a forwarding arch and will work differently. To set up the arch to use properly just pull the pin out and remove the handle. In its place insert the drop tongue and replace the pin. Next, remove the tongs and attach the snatch block to the blue chain hanging in the arch. Now you will need to string the winch cable down the length of the arch and through the snatch block.

To pick up a log in this configuration, you can back over the log or drive up next to the log and use the handles on the back of the arch to lift the arch over the log. Remember to keep your back straight and knees bent to lift the arch. Do **NOT** attempt to lift the arch with a log in it. Once you have positioned the arch over the log you are ready to choke the log and winch it into the arch. When lifting large logs always use low gear. To lower the log always use low gear.



Helpful Hints and Reminders for Using the Winch

- Grease winch and always oil the input shaft busing. The input shaft oiling on the winch is **critical!**
- **BREAK IN THE WINCH LINE!** When the winch line is new, it does not want to stay wrapped around the small winch spool. For the first dozen or so lifts, take a little extra time to pull all the slack out of the winch as you bring in the line before it becomes tight to the log.
- Never pull all the choker line out of the winch; always leave a couple winds of line in the winch spool, so the line does not break out the welded end.
- Two speeds on the winch are available by just pulling out the gear change lever and pulling the crank up or down.
- Brace yourself when winching in a log. First, while in high gear, take out the slack as you bring in the line, then grab onto the arch with your free hand to ease your work. If it is still difficult to crank the handle switch to a lower gear.
- Always lower your load in control **never let the handle spin freely.**
- Avoid sudden deceleration of load.



Posi-Lock Hand Winch Instructions

Hand Winches, Single Speed

Models: 5402, 5412, 5421, 5422, 5425, 5430, 5403, 5413, 5413T, 5426, 5404, 5414, 5405, 5415, 5427, 5428, 5494, 5495, 5407, 5407B, 5417, 5429, 5408B, 5409, 5409B

Hand Winches, Dual Speed

Models: 5460, 5461, 5462, 5463, 5466, 5467, 5470, 5471, 5472, 5473, 5474, 5476, 5477, 5480, 5481, 5484



CAUTION: THIS WINCH IS NOT DESIGNED TO BE USED FOR HOISTING OR TRANSFER OF PEOPLE OR HOISTING LOADS OVER PEOPLE OCCUPIED AREAS!

NEVER:

- Leave a weight hanging on the winch while winch is unattended.
- Exceed maximum rated line pull as stamped on the winch housing. Rated line pull is with three (3) wraps of line on the reel.
- Alter the mechanics of the winch.
- Use two or more winch units to lift a load greater than the load rating of any single unit.
- Fully extend the cable. **Always** keep three (3) complete wraps of cable on drum.
- Use to secure trailer or boat in tow, always use proper tie-downs.

ALWAYS:

- Maintain winch as described in this instruction sheet.
- Be sure cable is pulling straight off winch, not at an angle.
- Inspect winch, cable and attachment before each use for damage.
- Use cable of correct rated strength.

WARNING! READ BEFORE OPERATING WINCH. THIS EQUIPMENT SHOULD NOT BE INSTALLED, OPERATED OR MAINTAINED BY ANY INDIVIDUAL WHO HAS NOT READ THE CONTENTS OF THIS DOCUMENT. **FAILURE TO READ AND APPLY THESE INSTRUCTIONS CAN RESULT IN SUDDEN FAILURE OF THE EQUIPMENT, PROPERTY DAMAGE OR SERIOUS INJURY.**

WINCH MOUNTING AND CABLE OR ROPE ATTACHMENT

For maximum safety these winches must be mounted with two (2) 3/8" or M10 bolts (models 5402, 5403, 5404), or with three (3) 3/8" or M10 bolts (models 5405, 5407, 5408, 5409), washers and lock washers (see FIG. 1 and FIG. 2 at right). Attach cable or rope as shown in FIG. 3.

OPERATING INSTRUCTIONS

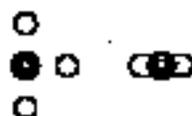
Wind cable on winch reel by turning winch handle in clockwise direction. This should produce a loud clicking noise. **CAUTION! DO NOT RELEASE HANDLE UNLESS RATCHET PAWL IS PROPERLY ENGAGED. DO NOT DISENGAGE RATCHET PAWL UNLESS TENSION IS APPLIED TO HANDLE. FAILURE TO OBSERVE THESE CAUTIONS WILL CAUSE THE HANDLE TO SPIN OUT OF CONTROL AND COULD CAUSE PERSONAL INJURY.**

WINCH MAINTENANCE

Before operating, check for cracks, breaks, distortions, deformed parts, improper adjustments, loose parts or any other unsafe conditions within all components. Winch gears, ratchet mechanisms and rotating shafts must be clean and lubricated to insure safe and proper operation.

FIG. 1

For models 5402-5409B up to 1400lbs



For models 5402-5409B over 1400 lbs.

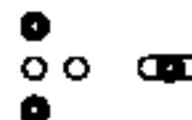


FIG. 2

For models 5460-5464 up to 1400 lbs



For models 5460-5464 over 1400lbs



FIG. 3

Large Rope Small Rope or Cable



Step 1 Step 2 Step 3



(Rope or Cable)



Shelby Industries, Inc.

P.O. Box 308 • Shelbyville, KY 40066-0308 • U.S.A.

Phone (502) 633-2040 • Fax (502) 633-2186 • www.shelbyindustries.com



101 Industrial Park Rd

Vernon, CT 06066

800-631-4791

Logrite.com

info@logrite.com

Warranty Statement for Log Arches

LogRite Tools believes that log arches of our manufacture are of quality construction and superior design. We urge our customer to closely inspect their purchases immediately upon receipt. If anything is not satisfactory, it will be immediately repaired or replaced at our cost and decision.

If during the course of use, any of our products fail structurally or fails to perform the tasks it is designed for and represented as, LogRite Tools will do everything to make the product perform as intended.

If during the course of use, the product is not performing as represented, LogRite Tools invites the owner to call our toll free line for a discussion of uses and techniques, including how to use the products in order to achieve satisfactory results.

This warranty is intended for the original owner and for the period of 2 years. With correct use and maintenance LogRite products will provide a lifetime of use.

This warranty does not imply any liability to the uses of the products, which are at the discretion of the owner.

If there are any questions as to the extent or applicability of this warranty, please call immediately to resolve these questions.

ATTENTION



Bluecreeper is an extraordinary penetrating lubricant. We have included a bottle with your arch manual for you to use to maintain your winch or wheel bearings on the Junior Arch.

We encourage you to use it in your garage or shop or around the house. Use it to loosen stuck parts or tools in the garage or workshop. Works great around the house to stop squeaks, lubricate hinges, doorknobs and locks.

With its needle applicator a small drop goes exactly where needed eliminating waste and mess.

Available at www.bluecreeper.com or follow the link from the Logrite website.

Shipping is expensive so if you like it, please ask your local retailers to carry it.