



Fetching Arch Packing List

- 1 arch frame
- 1 set of tongs
- 2 tires
- 8 lug nuts
- 1 plated D-ring handle
- 2 5/8" hitch pin
- Owner's Manual

Serial # _____

Packed by _____





Fetching Arch Options Packing List

Two Man Handle

- 1 72" handle
- 1 plated bar
- 1 5/16" locking pin

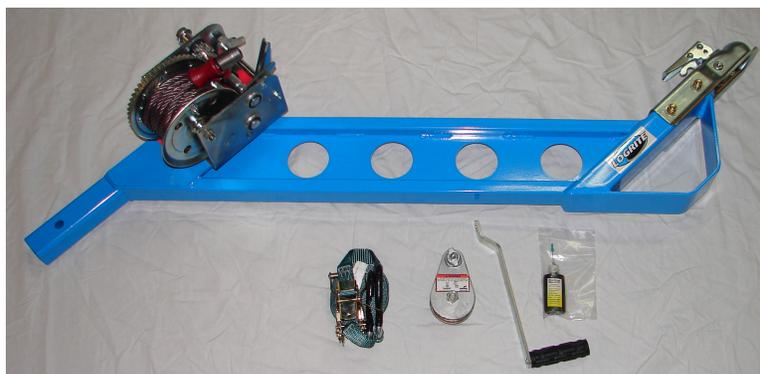
Packed by _____



Tow Tongue and Winch

- 1 tow tongue w/ winch and cable
- 1 ratchet strap
- 1 snatch block
- 1 winch handle
- 1 1 oz Bluecreeper Lubricant

Packed by _____





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

Fetching Arch Owner's Manual

a winch line arch for adverse slopes and sensitive areas

The Fetching Arch has been designed to work in areas previously off limits to nearly every type of equipment. Riparian zones, steep slopes, backyards and golf courses where wheel traction is either impossible or not desired and high-lead logging equipment is out of the question. Using the Fetching arch, a winch line, and a block or two; nearly any log, anywhere, can be successfully removed with little or no impact.



Assembly

- Mount tires on the hubs and tighten lug nuts with a 13/16" lug wrench.
- Insert adjustable tong hanger and pin into desired position.
- If equipped with a winch, attach winch handle with a 15/16" wrench.

Maintenance

- The Fetching Arch is nearly maintenance free, with hubs needing only annual inspections and grease packing.
- Keep tires inflated to recommended pressures, and inspect all fasteners for tightness.
- If equipped with a winch and line, it is important to break-in the winch line and keep the line untangled by pulling out slack before winching. Oil the bushing below the winch handle as noted, and apply grease to the cogs periodically. The input shaft oiling on the winch is **critical!**

Warnings

- Read all instructions before using.
- Fetching arch is designed to move logs only.
- Do not use arch to move logs on any public road.
- Do not lift the arch.
- Remain constantly aware that safe operating is your responsibility.
- Maintain control over the load at all times to prevent the arch and its load from springing up abruptly.
- 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.

Configuration

The Fetching Arch can be configured three ways making it our most versatile tool.

Tow Ring

Use with any tow or winch line to remove logs from a remote location.



Two-Man Handle

Remove the tow ring and replace it with the 72" Two-Man Handle for manual operation of the arch by one or more men. The Two-Man Handle will give a tremendous amount of leverage and allow for manual moving of logs in urban situations. The Two-Man Handle can also be pulled on with a rope or winch-line for an assist in backyard tree removal.



Tow Tongue and Winch

This attachment will convert your arch to a forwarding style arch. Simply pull the pin on the Tow Ring, insert the tow tongue and replace the pin. Remove the pin to remove the tongs and add the snatch block to the blue chain. String the winch line through this block and you're ready to haul logs.



Usage

With a brief look at the Fetching Arch, you will notice the tongs hanging at the rear and a handle/tow ring combination at the other. Walk the arch to any log. Set the tong hanger to match the log's diameter.* Straddle the arch over the log and find the balance or midpoint of the log, tip the arch up to set the tongs and when you pull on the tow ring from any remote winch line, the log will lift and move. While the arch is simple to use, every situation is different and it is good to come equipped with some tips. This is where this owner's manual may come in handy.

By setting the tongs at or just ahead of the midpoint or balance point of the log, you will be able to pick up all of the log's weight.

Familiarize yourself with the depth to which the tongs can be set. If the tongs are set deep into the log it will be harder to lift but will lift higher. If the tongs are set shallow, it will lift much easier (for instance if you want to lift the log by hand) but won't lift the log as high.

*Adjustable tong hanger should be placed in the up position when lifting a larger log or grabbing down further on the log. In the down position it will be easier to pick up smaller diameter logs.

up position
for larger
diameter logs



down position
for small diameter
logs



Steep Slopes

You will essentially be letting yourself and the arch down the hill on the winch line, or setting up a haul-back line to get up to the log. If you are bringing logs uphill, please take a little extra time when preparing the log to place some wheel stops for the arch wheels to block against or it will be very difficult to stand up the arch to set the tongs. Remember that the arch does the best work if it is set at or just ahead of the mid-point of the log to pick up nearly all of the weight. Downhill skids are accomplished with the log drag putting on the brakes and a pull on the winch line easing the friction enough for the log to move down. As the line becomes slack, the arch will unload and the log will return to the ground.



Sensitive Areas

With the arch used to pick the logs up as high as possible off the ground, it will be important to set the tongs just ahead of the balance point, so that a pull on the line will pick up the whole log rather than let the tail drag heavy. Since the arch will move the log when the line pull exceeds the log friction, it may be beneficial to set a block to pull the arch tow ring down to the log as in the figure so that any pull on the line will over center the arch and any skidding of the log will be reduced or eliminated. (See picture below for set up.)



Use with the Tow Tongue and Winch Option

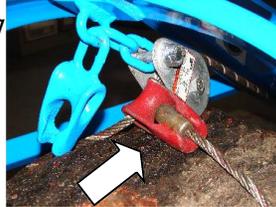
The tow tongue is equipped with a 3200 lb 2 speed winch, 25' of 3/8" cable with choker and a side release snatch block.

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 ring. In its place insert the tow 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.

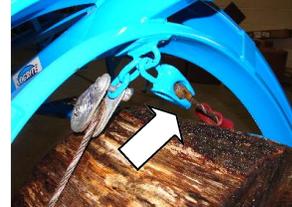


To pick up a log in this configuration, you can back over the log or drive up next to the log and use the handles on the back of the arch to lift the arch over the log. Remember to keep your back straight and knees bent to lift the arch. Do **NOT** attempt to lift the arch with a log in it. Once you 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. In addition, we suggest using the doubling option which will double your winch power. When choking the log, ignore the red bell on the choker line and hook the cable into the "doubling bell" (blue bell welded to the inside of the arch). This will make the log act as a pulley and the log will roll inside the cable. Not only does it reduce the effort required to crank up the log, but it is also good for positioning logs that might have a sweep in them.

choking the log



doubling feature



Helpful Hints and Reminders for Using the Winch

- Grease winch and always oil the input shaft bushing!!!
- **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. It is always a good idea to keep your hand on the brake and use low gear when lowering the 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

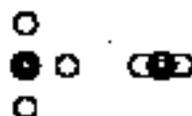
Wind cable on winch reel by turning winch handle in clockwise direction. This should produce a loud clicking noise. **CAUTION! DO NOT RELEASE HANDLE UNLESS RATCHET PAWL IS PROPERLY ENGAGED. DO NOT DISENGAGE RATCHET PAWL UNLESS TENSION IS APPLIED TO HANDLE. FAILURE TO OBSERVE THESE CAUTIONS WILL CAUSE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

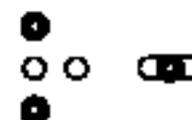


FIG. 2

For models 5460-5464 up to 1400 lbs

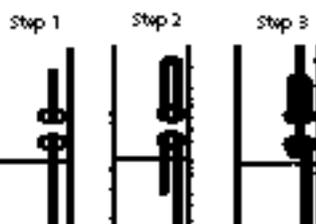


For models 5460-5464 over 1400lbs



FIG. 3

Large Rope Small Rope or Cable



(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.