

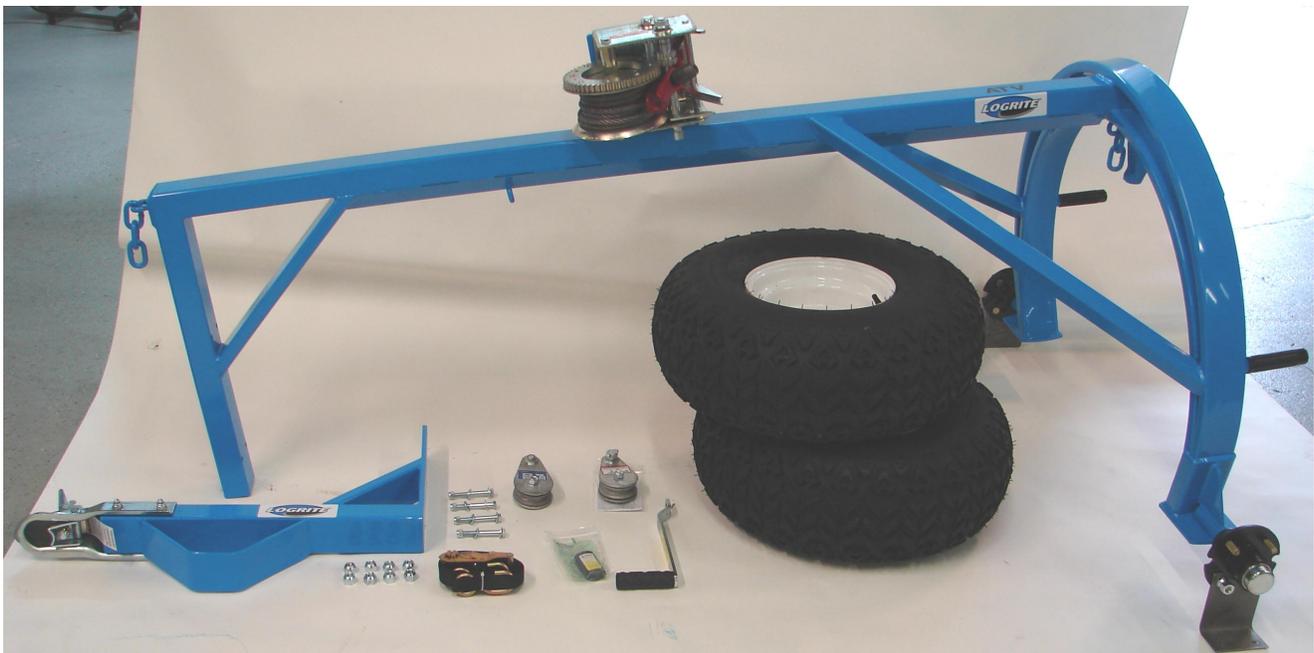


ATV Arch Packing List

- 1 ATV Arch frame w/ winch and cable
- 2 tires
- 1 drop tongue
- 4 3/8"- 16 X 3" hex head bolts
- 8 washers
- 4 3/8" - 16 nylock nuts
- 8 lug nuts
- 2 snatch blocks
- 1 ratchet strap
- 1 winch handle
- 1 1 oz. Bluecreeper Lubricant
- Owner's Manual

Serial # _____

Packed by _____





101 Industrial Park Rd
Vernon, CT 06066
www.logrite.com
800-631-4791

ATV Arch Owner's Manual

The ATV arch is a forwarding arch for small to medium logs. You will find this implement handy for low impact forwarding of logs. It works best behind a 4-wheel drive ATV because of their inherent mobility, but will of course work behind a small tractor or pick-up truck. The ATV arch will fully suspend a 10'-11' log that is 24" in diameter or 2000 lbs. It comes standard with a load rated ATV type tire. It has an option of a load rated turf tire.

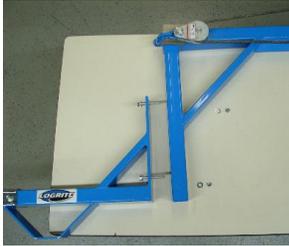


Warnings

- Read all instructions before using.
- ATV 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.
- 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

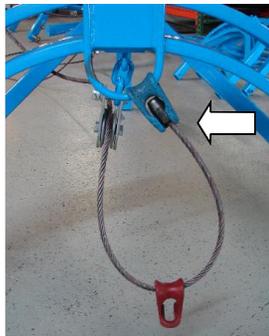
- Bolt the drop tongue to the arch using two 9/16" wrenches.
- Mount tires using 13/16" lug wrench.
- Attach winch handle with 15/16" wrench.
- Run winch line toward drop tongue and through the snatch block then back and along the reach to the arch and through the second snatch block.



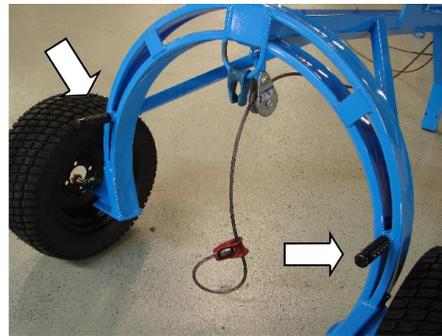
Use

The arch is a steel structure with minimal working parts. Equipped with a 2" coupler, 2000 lb hubs and spindles, 3200 lb 2 spend winch, a 25' of 3/8" cable with choker and 2 side release snatch blocks that direct the line forward and then back out the bottom of the arch.

When lifting large logs always use low gear. In addition, we suggest using the doubling option. The doubling option is when you hook the winch line back into the second bell that is welded to the arch instead of the bell attached to the end of the winch line. Using the doubling option allows you to get 6400 lbs of lift out of the winch.



doubling option



handle positions

While an ATV is very well suited for travel and work in the forest, four wheel drive models have a wide turning circle and are difficult to back into position over logs with all the obstacles inherent in the forest. For this reason, the ATV arch has two handles placed in just the right position for maneuvering the arch for ease of turning or to place over logs. When maneuvering the arch remember to keep your back straight and knees bent to lift the arch. Do **NOT** attempt to move or lift the arch with a log in it.

Maintenance

- Check the coupler, winch and snatch blocks daily.
- Grease the winch cogs and oil the input shaft bushing just below the handle.
- Keep winch line unsnarled.
- Keep tire pressures fully inflated.
- Pack the hubs with grease annually or after heavy use.



Helpful Hints and Reminders

- Keep tires properly inflated.
- Pack the hubs annually.
- 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.
- Watch the winch parts so that they do not come loose, especially the nut for the ratcheting device. If this comes loose, there are some parts that may be lost.
- 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

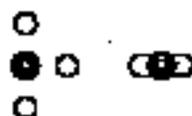
Wind cable on winch reel by turning winch handle in clockwise direction. This should produce a loud clicking noise. **CAUTION! DO NOT RELEASE HANDLE UNLESS RATCHET PAWL IS PROPERLY ENGAGED. DO NOT DISENGAGE RATCHET PAWL UNLESS TENSION IS APPLIED TO HANDLE. FAILURE TO OBSERVE THESE CAUTIONS WILL CAUSE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

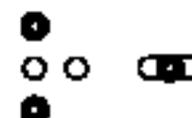


FIG. 2

For models 5460-5464 up to 1400 lbs



For models 5460-5464 over 1400lbs



FIG. 3

Large Rope Small Rope or Cable



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.