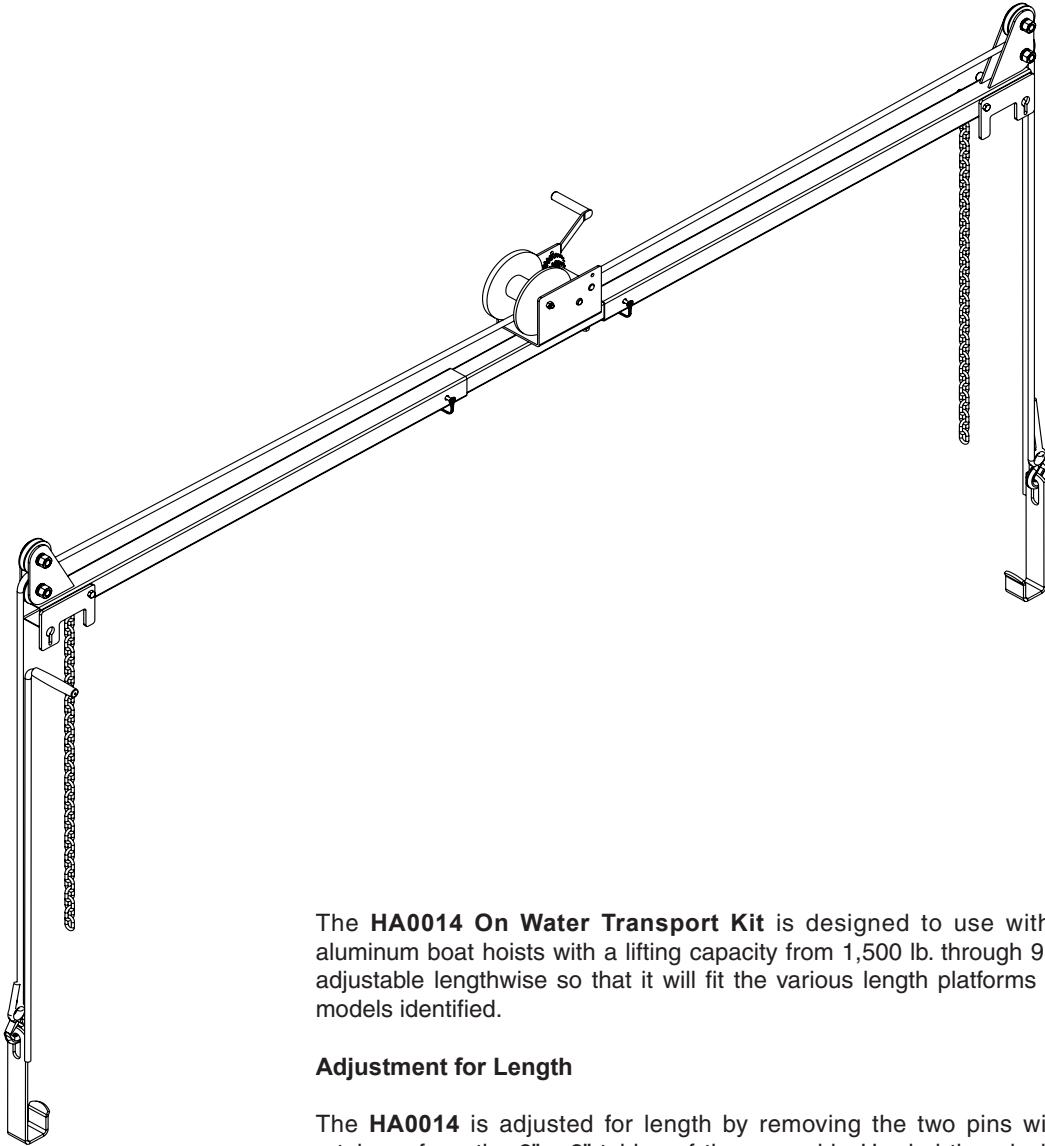


HA0014 On Water Transport Kit for V-Frame Hoists with 1,500 lb. through 9,000 lb. weight capacity

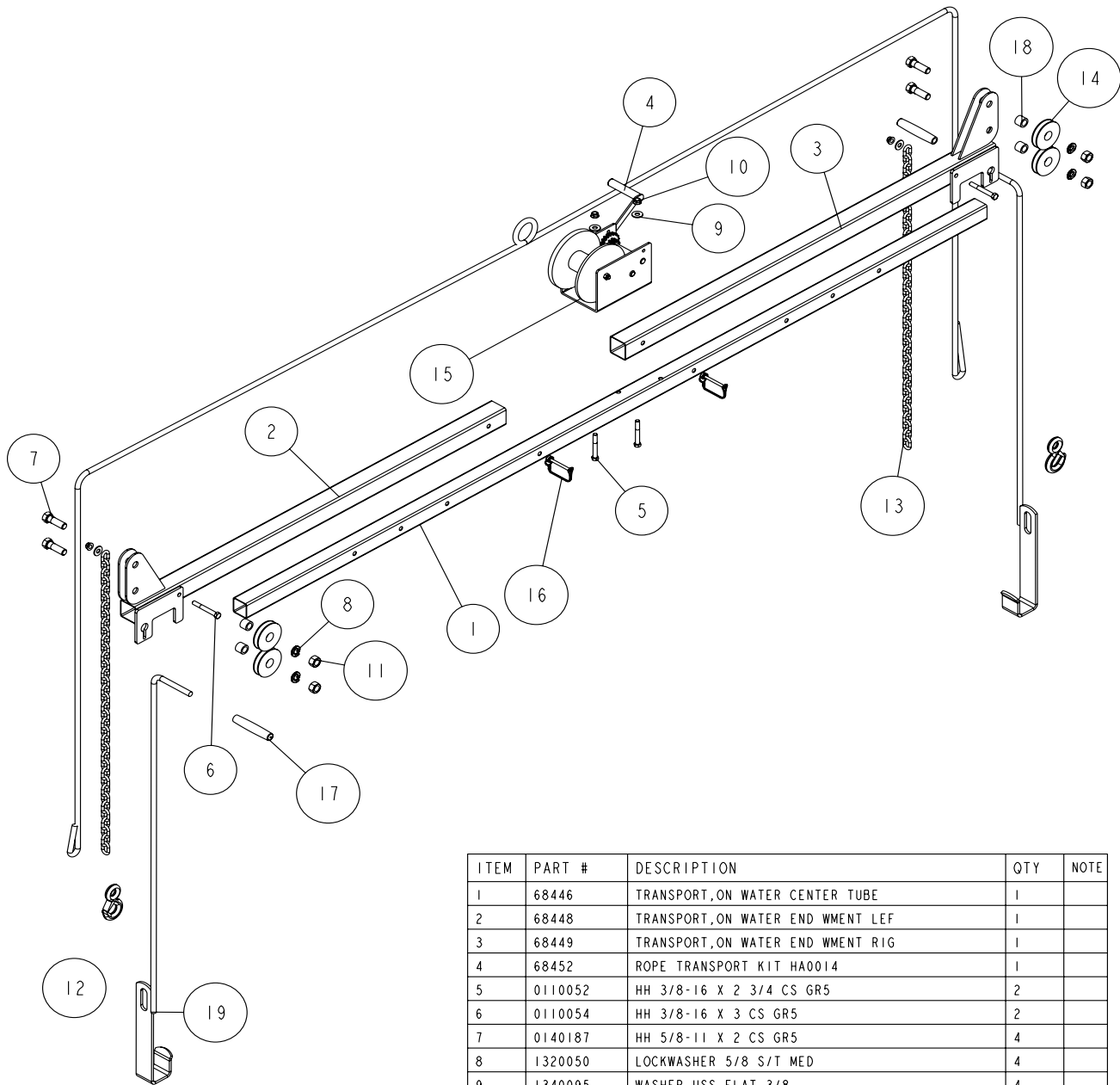


The **HA0014 On Water Transport Kit** is designed to use with all model aluminum boat hoists with a lifting capacity from 1,500 lb. through 9,000 lb. It is adjustable lengthwise so that it will fit the various length platforms of the hoist models identified.

Adjustment for Length

The **HA0014** is adjusted for length by removing the two pins with the wire retainers from the 2" x 2" tubing of the assembly. Unwind the winch rope from the center winch until enough slack is created to allow the transport kit tubing to be telescoped out far enough to reach the hoist platforms. Slide the outer tube section out an equal distance on each side of the center winch until it is long enough for the end saddle section to set over the platform tube of the hoist. Realign the new holes in the 2" x 2" tubing and secure together with the two pins with wire retainers just removed. The transport kit is now adjusted to your hoist for on water transporting.

Parts Drawing and Bill of Material



ITEM	PART #	DESCRIPTION	QTY	NOTE
1	68446	TRANSPORT,ON WATER CENTER TUBE	1	
2	68448	TRANSPORT,ON WATER END WMENT LEF	1	
3	68449	TRANSPORT,ON WATER END WMENT RIG	1	
4	68452	ROPE TRANSPORT KIT HA0014	1	
5	0110052	HH 3/8-16 X 2 3/4 CS GR5	2	
6	0110054	HH 3/8-16 X 3 CS GR5	2	
7	0140187	HH 5/8-11 X 2 CS GR5	4	
8	1320050	LOCKWASHER 5/8 S/T MED	4	
9	1340095	WASHER USS FLAT 3/8	4	
10	1440101	HEX LOCKNUT FLANGE 3/8-16 W/T&T	4	
11	1440269	HEX NUT FINISH 5/8-11 GRB	4	
12	1910041	SNAP HOOK 6239	2	
13	2210296	CHAIN 3/16 PC X 36 LINKS ZP	2	
14	3110100	PULLEY SHEEVE 3 OD STEEL	4	
15	3110293	WINCH DLB2000A BRAKE W/HANDLE	1	
16	3110381	PIN 1/4 X 2.5 GRIP LG W/SQ RET	2	
17	3510014	GRIP BLACK 1/2 ID X 4 1/2 LONG	2	
18	3610100	BUSHING .628/.627ID X.940/.9390	4	
19	A163	TRANSPORT FRAME HOOK	2	

Installation and Operating Instructions

Hydraulic Hoist Models Only

When transporting a hydraulic hoist model power at the ramp is not always readily available to raise and lower the platform as the floatation is being installed and removed from the hoist. If this is the case the best approach is to lower the platform completely down.



Place the **HA0014** winch system on the hoist platform on the same side of the hoist as the winch tube assembly so the crank handle is towards the center of the hoist. Attach the **HA0014** to each of the platforms with the short length of chain that is provided on the **HA0014**. Route the chain under and around the platform, then bring the end of the chain up and through the key slot provided. Pull on the chain until all slack has been removed. Secure by matching link of the chain in the key slot. Remove the lower frame



hooks from the ends of the winch rope on the **HA0014**. Unwind the winch until

enough slack is created in the rope so it can be routed up and around the post on the top side of the winch tube. Secure the rope to the post on the top side of the winch tube by securing the rope to itself in a loop using the hooks provided on the ends of the rope. Once attached the platform can be raised by turning the **HA0014** winch handle clockwise. This will raise the platform up so that the floatation can be installed between the platform and the lower frame.

Instructions for Transporting Your Hoist On Water Using the HA0014 At The Ramp - All Hoist Models



1. Measure 30" from the top side of the lower frame and place a mark on the upright post with a waterproof marker. Repeat on all four upright posts. This is a recommended water level that your hoist should be installed at to function properly. This is only a recommendation and may vary depending on your location.



2. Raise the platform on the hoist so that your floatation device can be slid between the lower frame of the hoist and the bottom of the platform.

Hydraulic Hoist Models Only

Hydraulic hoist models will already have the platform in the raised position by using the process just described earlier for raising the platform. Place the floatation under the platform. This may require you backing the hoist into the water if a flat bottom boat is being used for the floatation. Lower the platform onto the floatation by turning the winch handle counterclockwise. Lower until the platform is resting on the floatation

and slack is created in the rope. Unhook the rope from the upright posts on the winch tube side of the hoist. Once unhooked, remove the **HA0014** from this side of the platform. Rotate it 180 degrees and position it on the opposite side of the hoist with the winch handle of the unit towards the center of the hoist.

Winch Style Hoist Models

Place the **HA0014 On Water Transport Kit** on the hoist platform as shown with the winch handle positioned towards the center of the hoist.



3. Unwind the winch until enough slack is created in the ropes to allow the hooks attached to the ends of the ropes to be hooked onto the lower frame of the hoist as shown. Repeat on the other hook.



Once they are hooked wind the excess rope onto the winch until the hooks are tight against the frame. Your hoist is now ready to have the floatation placed into position for floating your hoist. If you are using Styrofoam billets or a similar type of floatation it may be installed now. If you are using a flat bottom fishing boat or Jon boat you will need to back the hoist down the ramp and into a water depth that will allow the boat to be floated over the lower frame and under the platform.

Floatation Type

Floatation of various types can be used to float your hoist on the water. You must use sufficient floatation to properly float your hoist without swamping during transporting. A general rule is to use enough floatation that the buoyancy of the floatation is equal to three times the total weight of the unit being floated. This is calculated by dividing the total

weight of your unit by 21. This will give you the amount of cubic feet of floatation required with a safety factor of three (3).

Securing the Floatation to the Hoist

The floatation being used must be securely fastened to the hoist platform so it won't come detached during the towing process. It must be equally distributed and supported under the hoist so it will float level.

1. Place the floatation under the platforms and position so that they are located at each end of the hoist. The winch tube side of the hoist is always heavier than the opposite side. The floatation will have to be shifted more to the winch tube side of the hoist in order for it to float level in the water. They will have to be supported on top with planks or some type of support system to help cradle and distribute the floatation under the hoist platform during transporting on water.

2. Lower the hoist platform onto the floatation by turning the large hand wheel counterclockwise until it is resting on the floatation. Continue to turn the hand wheel until slack is created in the winch cable.

3. The floatation must be compressed between the lower frame of the hoist and the platform. This is accomplished by turning the winch handle on the **HA0014** transport kit clockwise. You must lower the hoist winch and platform as the **HA0014** is pulling the platform down so that the two winches are not opposing each other.

4. Once the floatation is secured as described above it can be attached to the platform with rope or other means as extra security that it will not come loose during transporting. Note that the floatation must be secured to the hoist platform only and not to the lower frame. If it is attached to the lower frame it will have to be detached from the lower frame before the hoist can be lowered into its final installation position once at the dock.

WARNING: If the hoist capsizes during towing it could damage or capsize the tow boat as well. To minimize the chance of this occurring, always tie the boat to the hoist with a quick-release mechanism.

5. Attach a towrope with a quick release to the hoist on the end that will be the front when towed. The unit can now be backed or pushed down the ramp and into the water until it is floating. It is now ready for transporting on water.

Using a Flat Bottom Fishing Boat or Jon Boat for Floatation

A flat bottom fishing boat or Jon boat can be used to float your hoist as well as other types of floatation. The same rule applies as to the amount of cubic feet of floatation required to float your hoist. The fishing boat or Jon boat is usually the better type of floatation because it not only is readily available but it already is designed to give you the support for the floatation and has a keel to assist in towing.



Once the **HA0014** has been installed as described, back or push your hoist down the ramp until it is far enough in the water so that the fishing boat can be floated into position.



Place the fishing boat (**WITHOUT A MOTOR**) into the hoist backwards as shown so the boat is under the platform and above the lower frame of the hoist. Note that the boat should be placed off center and more towards the winch tube side of the hoist to compensate for the extra weight of the winch tube. Lower the platform of the hoist by turning the large hand wheel counterclockwise. While turning the large hand wheel counterclockwise, turn the winch handle on the **HA0014** clockwise so that the slack in the winch rope stays tight. Continue this process until the fishing boat is now compressed between the bottom of the platform and the lower frame. It must be sandwiched between

the two so that it won't come loose during transporting. Care must be taken so that the boat isn't squashed between the lower frame and platform.



Once the boat is secured into position, unhook the unit from the hitch of the tow vehicle, remove the tongue assembly and the transport wheels. Attach a tow rope with a quick release mechanism to the bow eye of the boat. The unit is now ready for towing.



It is best to tow the hoist with two people, one to drive the boat while the other has his undivided attention on the hoist being towed. It must be towed at low speeds to prevent possible capsizing.

WARNING: If the hoist capsizes during towing it could damage or capsize the tow boat as well. To minimize the chance of this occurring, always tie the boat to the hoist with a quick-release mechanism.

At the Dock or Point of Installation

Once the hoist is positioned at the dock, leveling and leg adjustment can be accomplished by either one of the two following methods:

Procedure 1

When the hoist is positioned at the dock site, crank the reverse winch backwards until the marks placed on the upright posts are at water level. Remove the leg pins and lower the pads to the bottom. Secure in position by replacing the leg pins and keepers just removed. Repeat on all four of the corners. Unwind the reverse winch on the **HA0014**. Make the necessary minor leg adjustments to level the hoist to the water level marks. Make sure the hoist

is supported on all four legs. Unhook the ropes and hooks from the lower frames. Raise the platform by turning the large hand wheel clockwise. Remove the floatation. Installation is complete.

Procedure 2

Before releasing the floatation and lowering hoist into position, pre-adjusting the legs can be accomplished easily by the following method.

Use an oar or pole, lower it to the lake bottom and mark the water depth. Set the oar on the foot pad, remove the pin and lower the leg with the adjusting rod till the water mark on the oar matches the water mark on the leg. Repeat on all four corners. Unwind the **HA0014** winch. Make the necessary minor leg adjustments to level to the water marks. The hoist must be supported on all four legs. Unhook the ropes and hooks from the lower frames. Raise the platform by turning the large hand wheel clockwise. Remove the floatation.

Installation is complete.

Removing the Hoist

Removal of the hoist is achieved by performing the installation procedure in reverse order. Upon reaching the ramp, attach the trail unit, if you are using one, to the tow vehicle. Secure the transport wheels to the lower frame using the 1-1/4" hairpin cotter keys. The floatation may be stored in the hoist in this position during the off season if desired.

If the floatation is going to be removed do as follows:

Raise the hoist platform by turning the large hand wheel clockwise. Note that the **HA0014** winch must be turned counterclockwise as the large hand wheel is turned clockwise so that the two winches are not opposing each other. Remove the floatation and store until next season.

