

HA0292 - LIFT CENTERING GUIDE FOR 8-15K LIFT
WITH STEEL CRADLE 80 INCH POST

HA0107 - LIFT CENTERING GUIDES FOR 8-10K
LIFTS WITH STEEL CRADLE

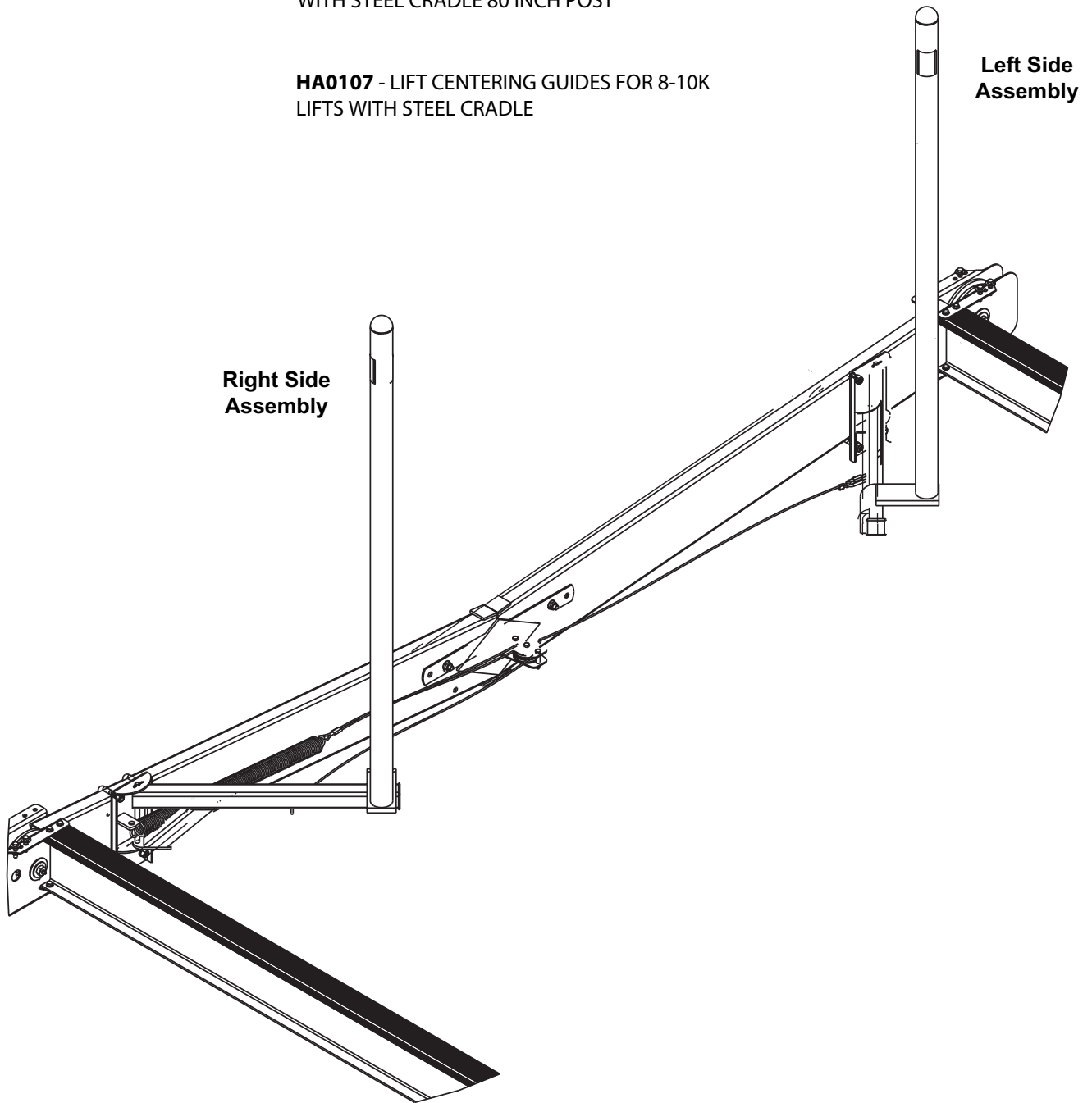


Diagram A

Installing these loadguides will reduce the maximum boat width by 5 inches.

1. Your new HA0107/HA0292, centering device comes shipped in two bundles. Break open the bundles and sort all hardware in the hardware box by size.
2. Determine the proper end of the lift that you want to install the load guides. It must be on the same end that you enter your lift with the boat. Installing the load guides on the opposite end of the hoist will not allow them to operate properly and may cause potential damage to the boat, hoist or the load guide assembly.
3. Note that the upright load guides are supplied as a pair, one right-hand and one left-hand assembly. Determine the correct arm for the right-hand side of the lift by holding the upright load guide into position on the hoist platform. The load guide arm should be positioned so that the flat 5/8" X 3" bar is positioned as shown on the main assembly. See Diagram A on page 1. The flat bar will allow the upright post to swing over the top of the side platform rail.
4. Locate the 1/2" X 8 9/16" X 3" U-bolts and 1/2" lock washers and hex nuts in the hardware box. Attach the right-hand load guide arm to the right-hand side of the platform with two of the U-bolts just identified. See Detail A, Page 2. Secure with the 1/2" lock washers and hex nuts. Tighten. Repeat the process on the left-hand load guide arm.
5. Locate the 1/2" X 2 1/2" bolt located in the hoist platform tube. Note that this bolt holds a stainless steel bushing in the inside of the tube under which the level cable for the platform is trained.

IMPORTANT. DO NOT REMOVE THIS BOLT UNTIL YOU FULLY UNDERSTAND THE FOLLOWING INSTRUCTIONS. FAILURE TO FOLLOW THE INSTRUCTIONS COULD CREATE A HAZARDOUS SITUATION.

Loosen the flange lock nut on the bolt holding the stainless steel bushing inside the platform tube mentioned earlier in this step but **DO NOT** remove at this time.

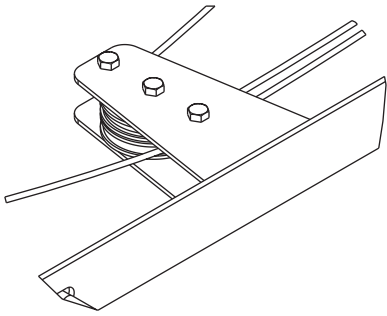
6. Locate the pulley bracket weldment (Ref.#2, Diagram B) which was shipped in the hardware box. Next locate the two 1/2" X 3" hex bolts and 1/2" flange lock nuts in the hardware box. Hold the pulley assembly on the inside of the platform tube (front to rear) and in the center of the tube (side to side) as shown in Diagram A. When held in this position note that one of the holes for mounting the pulley bracket weldment to the platform tube will line up with the bolt holding the bushing inside the platform tube as discussed in step 5.
7. Raise the lift platform slightly. Place a 2X4 block between the lower frame and the platform on the side of the lift opposite the winch tube. Then lower the platform down onto the block. Doing so will remove the pressure on the level cables which in turn removes the

pressure on the stainless steel bushing inside the tube. Place one of the 1/2" X 3" bolts into the hole in the pulley bracket weldment that lines up with the bolt in the platform tube. Remove the nut from the bolt in the platform tube. Carefully using the 1/2" X 3" bolt just installed in the pulley bracket weldment push the 1/2" X 2-1/2" bolt in the platform tube out backwards thus replacing the 1/2" X 2 1/2" bolt with the 1/2" X 3" bolt in the pulley bracket weldment. Place on the 1/2" flange lock nut to secure. do not tighten at this time.

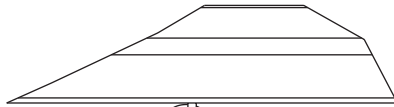
Do not allow the bushing inside the tube to slip out of position as it will slide to the center of the platform tube . If this occurs the lift will have to be disassembled to remove the bushing and reinstall on the 1/2" X 3" hex bolt just installed. The bushing must remain in its position to eliminate level cable failure.

8. Raise platform and remove blocks. Position the pulley bracket weldment so that the hole lines up with the other hole in the platform tube. Insert the remaining 1/2" X 3" bolt and secure with a 1/2" flange lock nut. Tighten both bolts.
9. Using diagram B, thread the cables as shown.
10. Connect the splice link into the last link of the chain and then into the loop welded to the bottom of the load guide mounting arm. (See Detail B, Page 4) Thread splice back together. Tighten.
11. Hook one end of the spring into the hole provided in the swing bracket. **Using Caution**, stretch the spring and attach the hook on the other end of the spring into the loop in the cable assembly. See Detail C, Page 4. This will put the necessary pressure onto the load guide posts. Assembly is complete.

NOTE THAT THE LOAD GUIDE SYSTEM WILL APPLY EQUAL PRESSURE TO EITHER LOAD GUIDE POST. IF THE BOAT IS OFF SIDE, AS ONE POST IS PUSHED OUT THE OTHER POST IS ALLOWED TO LOOSEN THUS CENTERING YOUR BOAT. WHEN YOUR BOAT IS IN THE HOIST THE UPRIGHT POSTS WILL HAVE PRESSURE ON THEM PUSHING THEM AGAINST THE GUNNEL OF THE BOAT.



DETAIL A
SCALE 0.200



Splice Link

DETAIL B
SCALE 0.200

RIGHT SIDE
ASSEMBLY

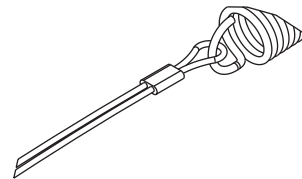
LEFT SIDE
ASSEMBLY

SEE DETAIL B

SEE DETAIL C

SEE DETAIL A

PULLEY BRACKET
ASSEMBLY



DETAIL C
SCALE 0.200