



PL3600

Steel Cantilever Boat Lift

OBSOLETE

Note: The only replacement parts still available are the winch (P/N 3212402) and the wire rope (P/N 3802182). These must be purchased from an authorized RGC dealer.

MODEL PL-3600 BOAT LIFT

Please check your shipment upon receipt. Make sure that all bundles are included. If a bundle is broken open, check the pieces against the detail list below. If parts are missing, have shortages noted on the Delivery Receipt and Freight Bill. Then call the delivering carrier about filing claims for the shortages.

This boat lift consists of three bundles of steel bars, one carton of parts, and one steel handwheel. The contents of each bundle is listed below.

<u>BUNDLE #1</u>		<u>BUNDLE #2</u>		<u>BUNDLE #3</u>	
2	3610 Leg	2	3609 Leg Brace	2	3630 Guide Post
1	3603 Base Channel	1	3601L Base Angle	1	3610L Left Hand Leg
2	3620 Diagonal Brace	1	3601R Base Angle	1	3610R Right Hand Leg
2	3605 Diagonal Brace	4	3607 Foot Plate		
1	3627R Vertical Brace	2	3614 Stern Chock		
1	3627L Vertical Brace	1	3615 Bow Chock		
1	3604 Base Angle	2	3608 Diagonal Brace		
2	3602 Vertical Angle	2	3606 Corner Brace		
1	3613 Tie Bar	4	3633 Cross Brace		
2	3611 Platform	1	3612S Platform Beam		
		1	3612B Platform Beam		

CARTON OF PARTS

4	3616 Clamp	1	3625 Crank Handle
1	3617 Winch	4	3626 Chock Support
1	3619 Wheel Hub (on winch)	4	3631 Clamp Plate
3	3620 Single Block	1	3641L Extension Foot
1	3621 3/16 Wire Rope - 103'	1	3641R Extension Foot
2	3622 Chock Bracket	2	3645 Foot Support
3	3623 Double Block	2	Carpet Pads
1	3624 Cable w/snap	1	Instruction

1 BAG OF BOLTS CONTAINING:

4	3629 Pin	5	3/8 x 1 Bolts
2	3632 Chock Clamp	4	3/8 x 2 1/2 Carriage Bolt
42	1/2 x 1 Bolt	11	3/8 Nuts
4	1/2 x 2 1/2 Bolt	4	1/4 x 6 Carriage Bolt
12	1/2 x 3 1/2 Bolt	4	1/4 Nuts
6	1/2 x 4 1/2 Bolts	8	3/4 Washers
3	1/2 x 6 Bolt	12	3/16 Cotter Pin
2	1/2 x 3 Carriage Bolt	1	3/16 Thimble
4	1/2 Washers	2	3/16 Cable Clamp
74	1/2 Nuts	6	3/8 Anchor Shackles
2	3/8 x 1 1/4 Bolts		

1 3618 Handwheel - 4'

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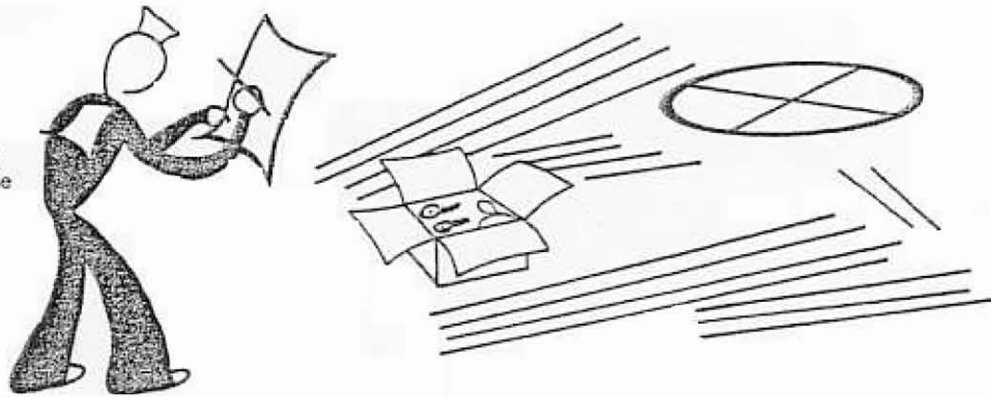


PLATFORM BOAT LIFT

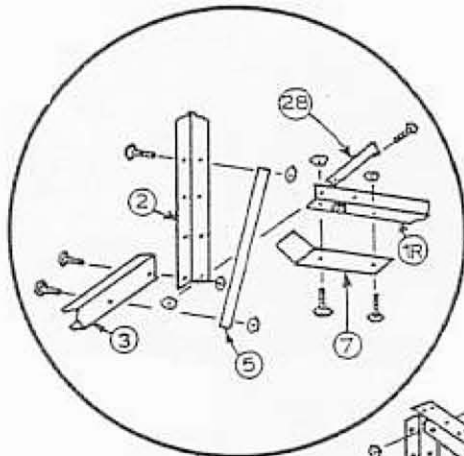
MODEL PL-3600

ERECTING AND OPERATING INSTRUCTIONS

1 Your Boat Lift is shipped to you in five units: Three bundles of steel, One carton of parts, and One handwheel.
Open each package and check your parts list to make sure that you have all the necessary parts before starting to assemble your lift.

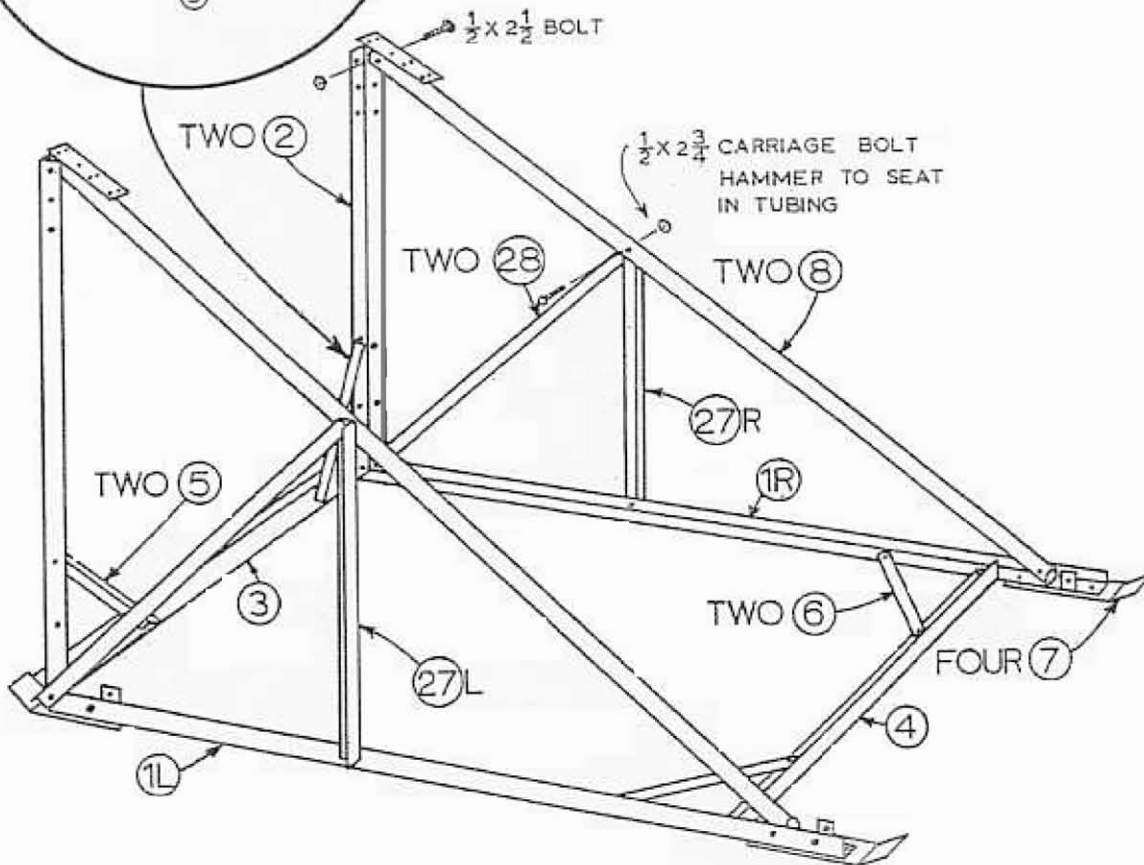


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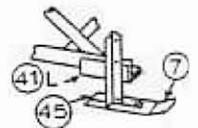


ASSEMBLE BASE using the parts shown on the sketch. Select a flat area for assembling. The four $1/2 \times 2 1/2$ bolts and two $1/2 \times 2 3/4$ carriage bolts used in this assembly are identified. The remaining portion of the base is assembled using $1/2 \times 1$ bolts and nuts. For best results, bolts should always be inserted toward inside of lift.

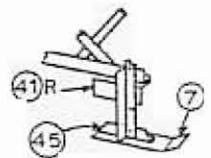
Note: If a Leg Extension Assembly or Wheel Assembly is being used, assemble at this time using instructions furnished with these assemblies.



For slopes up to 3", omit Extension Foot -41L and -41R. The Foot Plate -7 is mounted as shown in the Figure.
For 3" to 9" slopes, use Extension Foot -41L as shown.



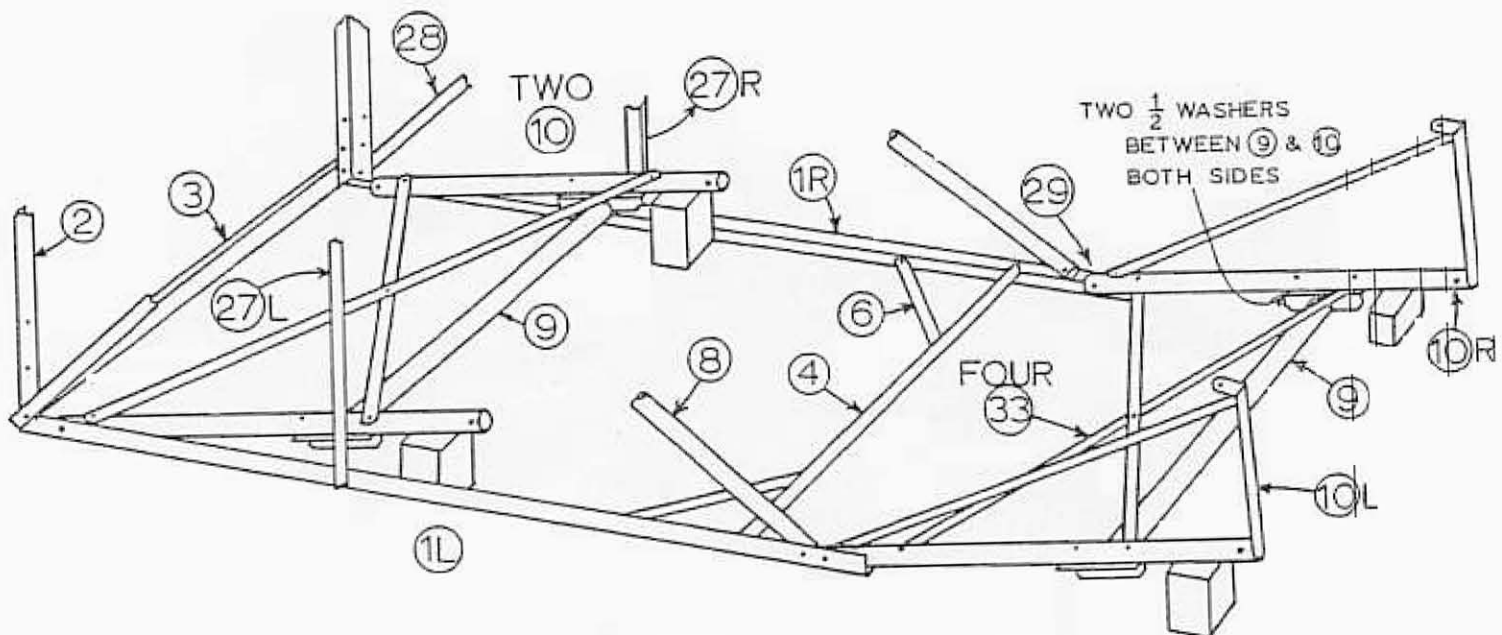
For 9" to 14" slopes, use Extension Foot -41R as shown



For slopes greater than 14", use a Leg Extension Assembly.

3

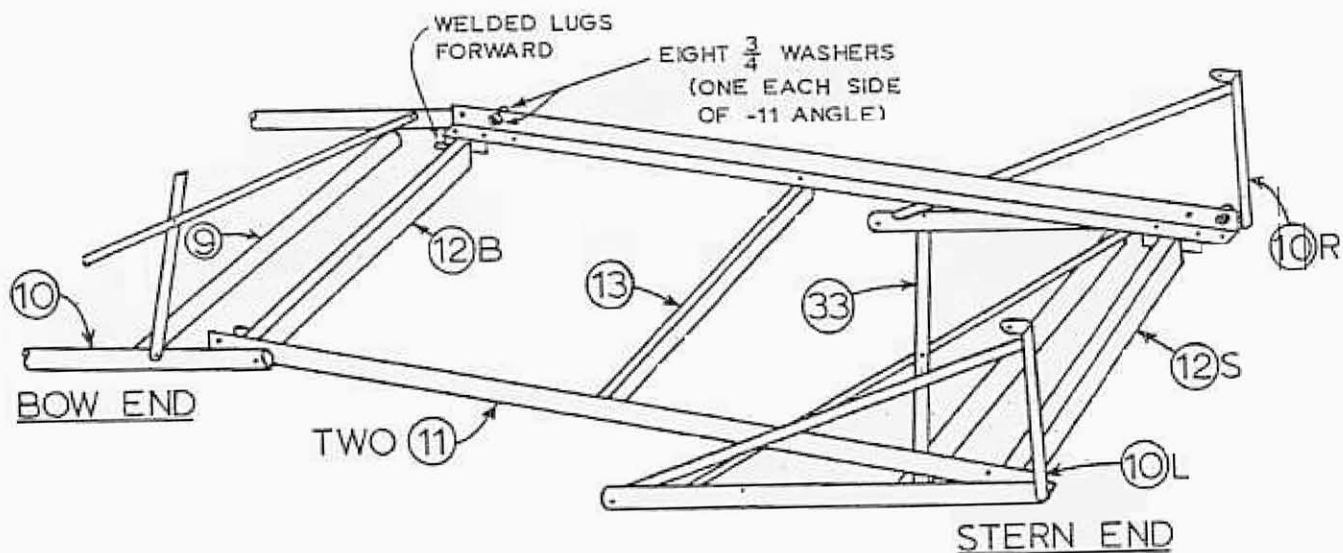
ASSEMBLE LEGS as shown in the sketch. First attach the -10 Legs to the inside of the -1 Base Angles using the -29 Pins. These Pins pass through each member and are secured with the 3/16 cotter pins at each end. A block may be placed under each Leg for easier assembly. Fasten the opposing -10 Legs together with the -9 Leg Braces and the -33 Cross Braces using the 1/2 x 3 1/4 bolts. Be sure to position the -33 Cross Braces as shown in the sketch. At the Bow end, the Braces are on top of the Legs while at the Stern end they are under the Legs. Place two 1/2 washers between the -9 Leg Brace and -10L & R Legs as indicated. The -33 Cross Braces are fastened together at the center using 1/2 x 1 bolts. In all cases, the bolts should always be inserted through the members toward the inside of the lift. For easier assembly, all nuts should be left loose until the operations described in steps 3 and 4 are completed.



4

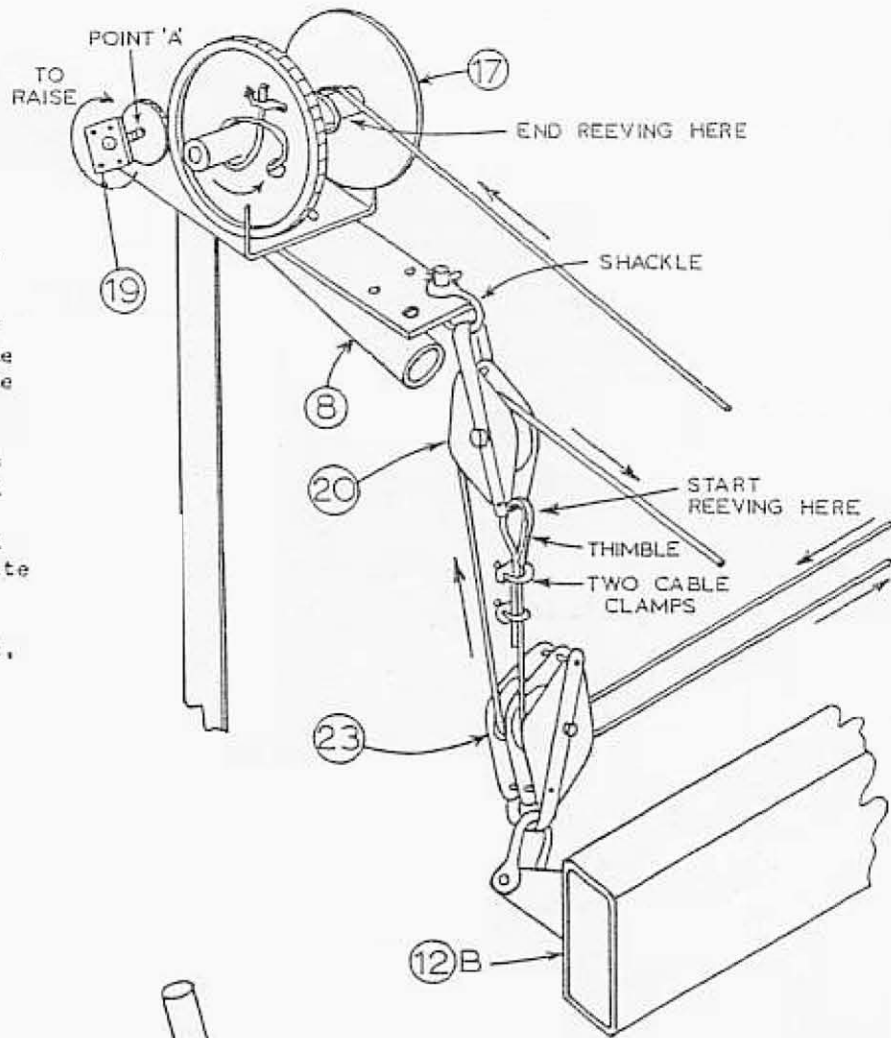
ASSEMBLE PLATFORM

Mount the -11 Platform Angles on the 3/4 pins in the -10 Legs. Use the end hole in the -11 Angle at the Stern end and the next to end hole at the Bow end. A 3/4 washer is positioned on either side of the Angle and a 3/16 cotter pin is used to secure the Angle in place. The -12 Platform Beams are mounted under the -11 Platform Angles using 1/2 x 1 bolts. The second and third holes from the Stern end in the -11 Angle are used for the -12S Beam while the first two holes from the Bow end in the -11 Angles are used for the 12B Beam. Be sure the -12B Beam is mounted with the welded lugs facing the Bow end. Finally mount the -13 Tie Bar to the underside of the -11 Platform Angles at mid span using 1/2 x 1 bolts. Check to see that all parts are squared up and that the Leg pivots are free from binding. Then securely tighten all nuts.



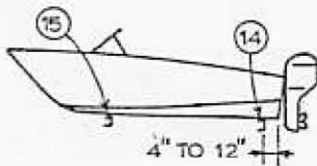
5 LIFTING MECHANISM

Mount the -17 Winch to the top plate of the -8 Diagonal Support as shown in the sketch using 3/8 x 1 bolts. Mount the -18 Handwheel and the -25 Crank Handle to the -17 Winch. Mount the -20 Single Blocks and the -23 Double Blocks in the locations indicated on the Assembly drawing. Unreel the wire rope full length on the ground to prevent knotting. Start reeving by fastening one end of the wire rope to the bottom of the -20 Block located next to the -17 Winch. Reeve through the three -23 Blocks in the direction of the arrows and then to the other -20 Blocks. The reeving is completed with the rope wound over the top of the spool of the -17 Winch, through the spool, and clamped as shown. Turn the -18 Handwheel clockwise to raise the Platform. Keep the first layer of cable tight on the Spool with coils close together. If the -18 Handwheel is mounted on the opposite side to that shown, turn the -17 Winch around and mount it in the alternate holes. In this case, start reeving on opposite side and wind rope under Winch spool. The Winch brake is automatic. To lower the boat, spin the Handwheel in the counter-clockwise direction. Never disengage the pawl.

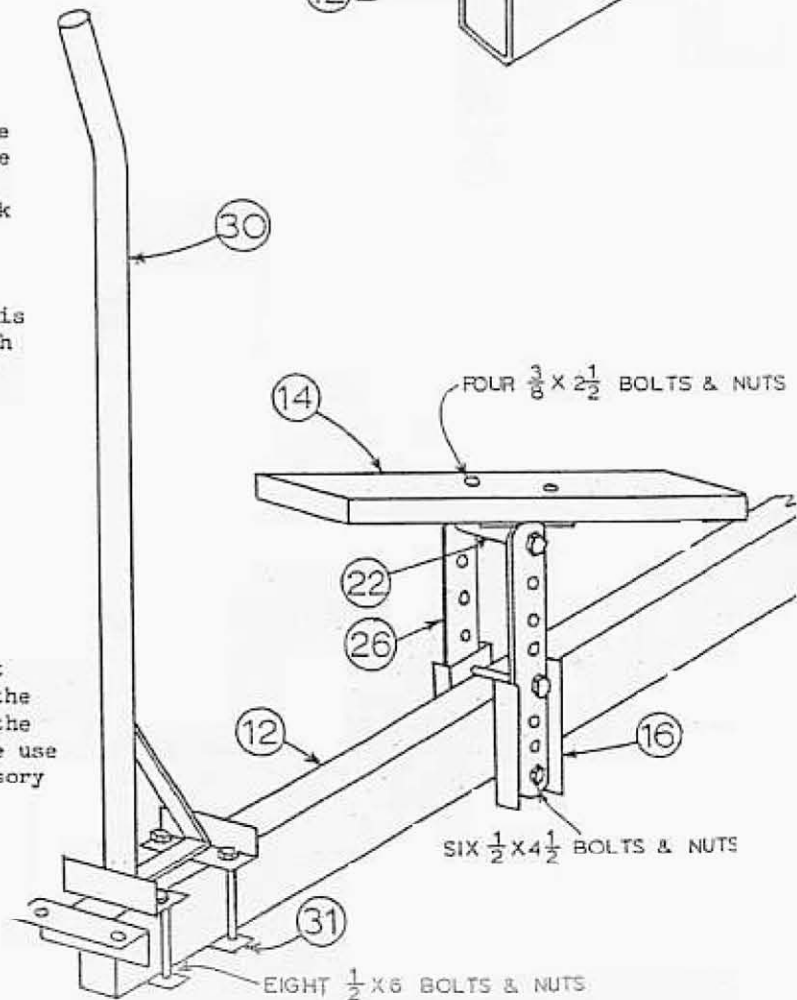


6 MOUNT CHOCKS

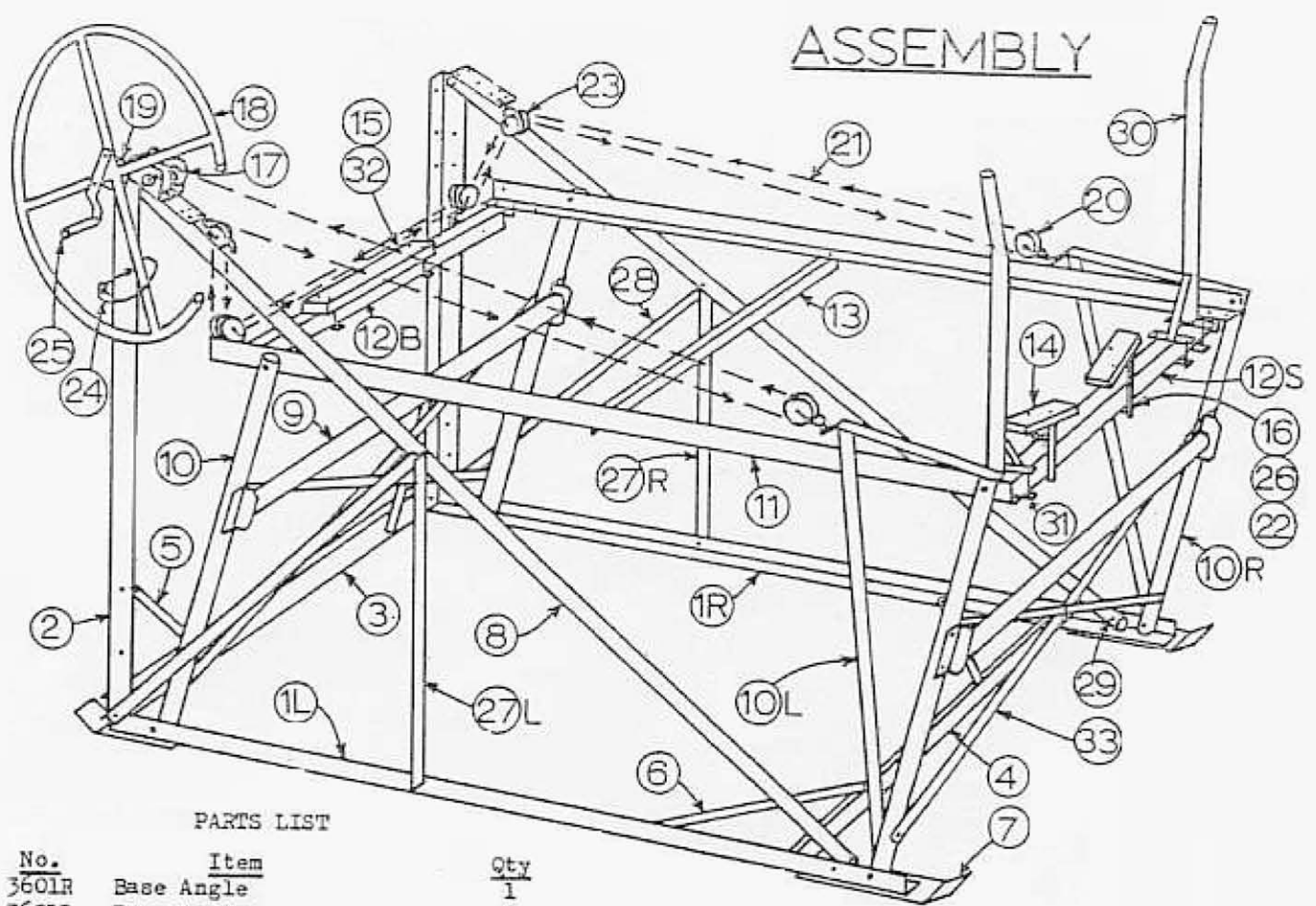
The -15 Bow Chock is mounted to the top of the -12B Platform Beam as shown on the Assembly drawing using the -32 Clamp Plates under the Beam and the 1/4 x 6 carriage bolts. The -14 Stern Chocks are mounted to the -12S Platform Beam using the -22 Chock Brackets and -26 Chock Supports as shown in the Sketch. The Chocks should be adjusted to the boat hull with the boat resting on the Platform. The boat should be balanced so that the Bow and Stern Chocks each support about the same weight. This is achieved by positioning the boat on the Platform with the transom 4" to 12" behind the Stern Chock. After adjustment, the -14 Stern Chocks are covered with the carpet strips.



The Boat Lift is now ready for the water. Be sure that the lift sets level in the water when installing. If the bottom is uneven, use concrete blocks or bricks under the corners for leveling purposes. For deep drop offs, the use of a Leg Extension Assembly is recommended. The accessory is available from your dealer.



ASSEMBLY



PARTS LIST

No.	Item	Qty
3601R	Base Angle	1
3601L	Base Angle	1
3602	Vertical Angle	2
3603	Base Channel	1
3604	Base Angle	1
3605	Diagonal Brace	2
3606	Corner Brace	2
3607	Foot Plate	4
3608	Diagonal Support	2
3609	Leg Brace	2
3610	Bow Leg	2
3610R	Stern Leg	1
3610L	Stern Leg	1
3611	Platform Angle	2
3612B	Bow Platform Beam	1
3612S	Stern Platform Beam	1
3613	Tie Bar	1
3614	Stern Chock	2
3615	Bow Chock	1
3616	Chock Clamp	4
3617	Winch	1
3618	Handwheel	1
3619	Wheel Hub	1
3620	Single Block	3
3621	Wire Rope	1
3622	Chock Bracket	2
3623	Double Block	3
3624	Cable w/Snap	1
3625	Crank Handle	1
3626	Chock Support	4
3627R	Vertical Brace	1
3627L	Vertical Brace	1
3628	Diagonal Brace	2
3629	Pin	4
3630	Guide Post	2
3631	Clamp Plate	4
3632	Clamp Plate	2
3633	Cross Brace	4
3641R	Extension Foot	1
3641L	Extension Foot	1
3645	Foot Support	2

PART NUMBERS

Each piece of your Boat Lift is given a number which indicates the model number as well as the part number. Example: The -3 Base Channel on the Model PL-3600 Boat Lift is marked 3603.

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