

LAKESHORE PRODUCTS, INC.

Quincy • MI • 49082 • tel 517.639.3815

750# Double Jet Lift

Instruction Manual

**Read carefully.
Failure to follow the
instructions and safety
rules could result in
severe injury or death !**

LSC750D

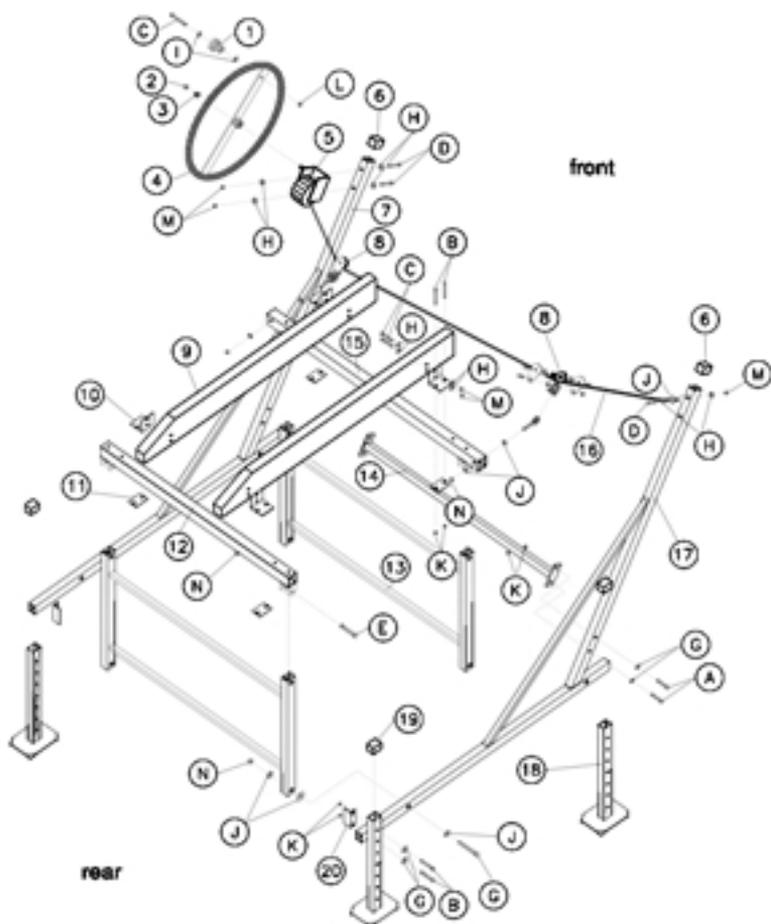
LSC750D Parts List

ref. no.	part No.	part name	qty
1	KNOB	Spinner Knob	1
2	Y556	1/2 Jam Nut	1
3	20151	Winch Spring	1
4	LS1102	25" JL Wheel	1
5	20418	Dutton-Lainson DLB-1200 Winch	2
6	20462	1 1/2 x 3 Plastisol Cap	4
7a	20753	Mainframe Left	1
7b	20754	Mainframe Right	1
7c	20455	Mainframe Middle	1
8	20750	Pulley Bar	2
9	20424	Wood Bunk	4
10	20477	Bunk Angle	8
11	20478	Bunk Backer Plate	8
12	20749	Cradle	2
13	20752	H Unit	4
14	20751	Mainframe Spreader Tube	2
16	20419	Cable 3/16" x 204"	2
18	JLU	Leg	6
19	DEM12	1 1/2 x 2 Plastisol Cap	6
21	20576	Cradle Tie Bars	22

LSC750D Bolts List

* available locally

A	Y310	*	5/16 x 2 1/2 Hex Bolt	8
B	Y326	*	5/16 x 3 1/2 Hex Bolt	32
C	Y410	*	3/8 x 2 1/2 Hex Bolt	18
D	Y416	*	3/8 x 4 Hex Bolt	6
E	Y514	*	1/2 x 3 1/2 Hex Bolt	8
F	Y519	*	1/2 x 4 1/2 Hex Bolt	8
G	Y352	*	5/16 Flatwasher	32
H	Y452	*	3/8 Flatwasher	28
I	X452	*	3/8 Stainless Flatwasher	4
J	Y552	*	1/2 Flatwasher	26
K	Y353	*	5/16 Lock Nut	40
L	Y450	*	3/8 Hex Nut	2
M	Y451	*	3/8 Lock Nut	22
N	Y551	*	1/2 Lock Nut	16

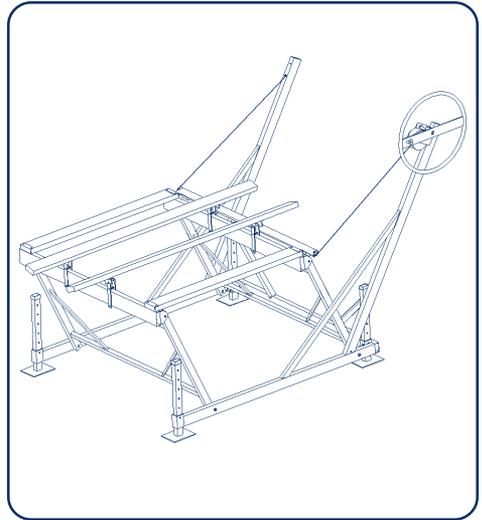


Single lift shown. Double is the same with 3 mainframes and 6 legs.

750#, 50" Double Beam Jet Lift

Thank you for purchasing a Lakeshore Jet Lift. With proper care and maintenance, this lift will provide you with years of trouble free service. Please follow these instructions carefully.

We have made assembly of your new lift as simple as possible. Each bolt pack is labeled to correspond to the steps listed in this manual. Below is a list of the components included in your accessory package.



tools needed

1/2 wrenches	2
9/16 wrenches	2
3/4 or crescent wrenches	2
7/16 wrench [for winch]	1

accessory package 750D

bolt package with steps 1-8	2
wood angles	8
wood backer plates	8
1200# DL winch and booklet	2
cable with loop in one end	2
1.5" x 3" red plastisol caps	4
1.5" x 2" red plastisol caps	6

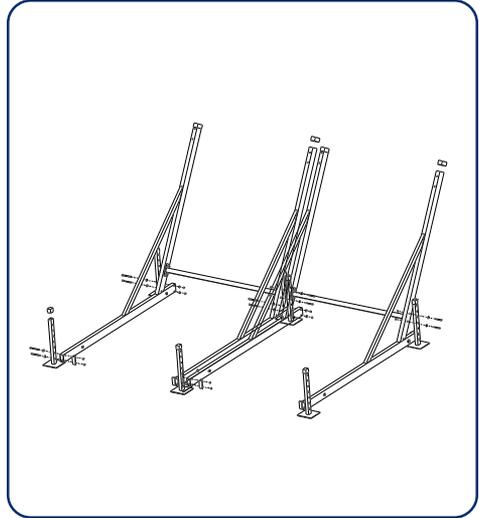
WARNING

Do not overtighten the nuts and bolts on your lift. Doing so may cause the lift to fail. When tightening against a tube, tighten until the aluminum just dimples. Lock nuts should be tightened until at least one thread of the bolt is showing through the nut. If you crush the tube, it may crack and fail under normal use.

1. mainframe setup

Ignore the two bolt packages for step 1.

Set up the 3 mainframes with the leg sockets facing to the outside on the left and right mainframes and to the center on the middle mainframes.



mainframe left	1
mainframe right	1
mainframe middle	1

2. mainframe spreader

Bolt the mainframe spreader tubes between the mainframes using:

- 8 - 5/16 x 2 1/2 hex bolts
- 8 - 5/16 flat washers
- 8 - 5/16 nylon lock nuts

mainframe spreader	2
bolt package step 2	2

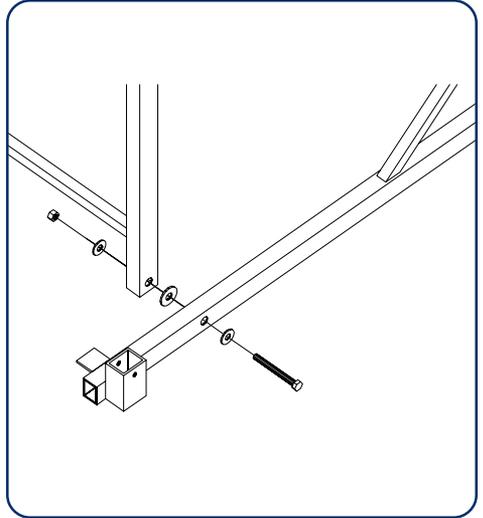
NOTE Install all nuts and bolts loosely until the lift is fully assembled, then tighten all nuts and bolts properly. 15

3. install H-units

Place 2 H-units inside each pair of mainframes and attach using:

- 8 - 1/2 x 4 1/2 hex bolts
- 24 - 1/2 flat washers
- 8 - 1/2 nylon lock nuts

Place a washer under the head of each bolt, under the nut, and between the H-unit and the mainframe. The bolts must be loose enough to allow the H-units to pivot.



H-unit	4
bolt package step 3	2

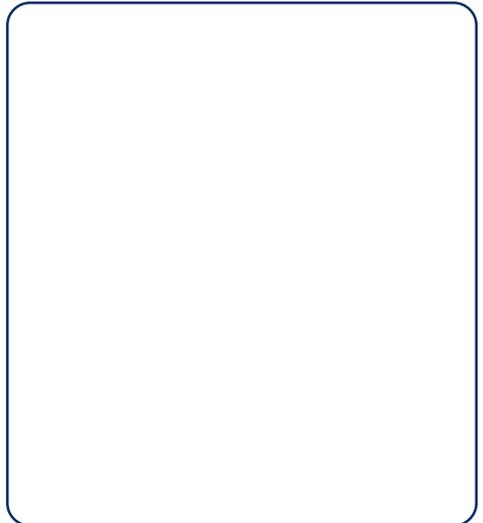
4. cradles

Install the cradles on the top of the H-units using:

- 8 - 1/2 x 3 1/2 hex bolts
- 8 - 1/2 nylon lock nuts

Install the cradle tie bars between the front and rear H-units.

Install the pulley bars on the front H-units.



cradle 50.5"	4
cradle tie bar 58.75"	4
pulley bar 51"	2
bolt package step 4	2

5. install winch

Install the winches on the outside mainframes using:

- 4 - 3/8 x 4 hex bolts
- 8 - 3/8 flat washers
- 4 - 3/8 nylon lock nut

winch 1200#	2
bolt package step 5	2

6. install wheel

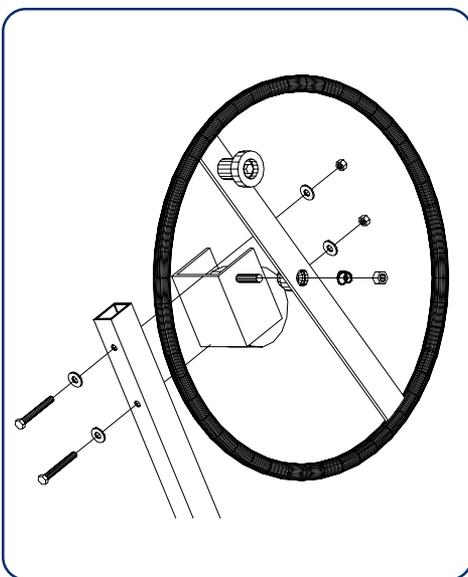
CAREFULLY thread the 25" red wheels onto the winch shafts. The wheel should turn easily.

Fasten each onto the shaft using:

- 1 - winch spring
- 1 - 1/2 jam lock nut

Tighten the jam nut while preventing the winch from turning. If the winch drum is allowed to turn, the wheel will come off the shaft. **ONLY 1 OR 2 THREADS SHOULD SHOW** through the nylon in the nut.

Turn the wheel clockwise until it tightens up against the winch and you hear the braking mechanism begin to click. When you turn the wheel counterclockwise the brake will be released. Make certain the brake is activated when performing the next step.



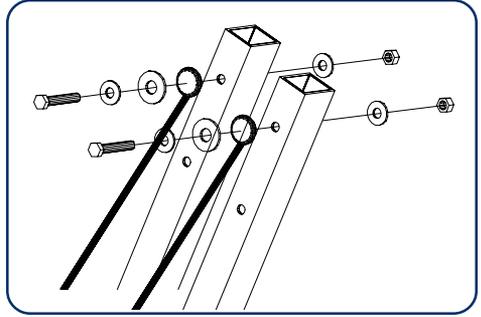
red wheel 25"	2
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7. string cable

Attach the loop end of both cables to the middle mainframe using:

- 1 - 3/8 x 4 hex bolt
- 2 - 3/8 flat washers
- 2 - 1/2 flat washer
- 1 - 3/8 nylon lock nut

String the cables through the pulleys and secure to the winch following the instructions included with the winch.



2
2

2
2

2
2

2
2

8. bunks

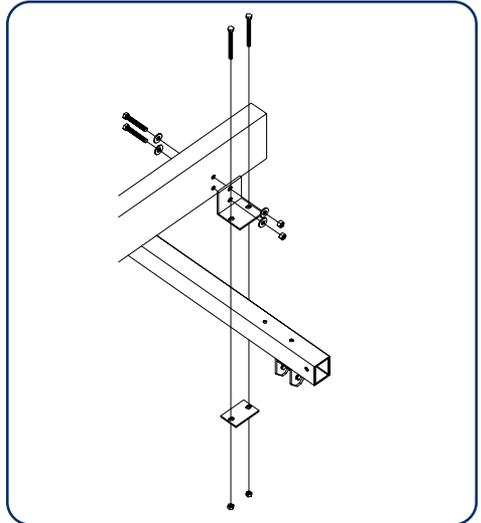
Attach the wood angles to the wood bunks with:

- 16 - 3/8 x 2-1/2 hex bolts
- 16 - 3/8 flat washers
- 16 - 3/8 lock nuts

The bolt heads and washers should be against the wood and the lock nuts against the angle. Attach two angles on the outside of each board using:

- 8 - 5/16 x 1 hex bolts
- 24 - 5/16 center lock nuts
- 16 - 5/16 x 2 1/2 hex bolts
- 8 - adjustment channels
- 8 - channel backer plate

Leave all nuts loose until the final adjustment.



4
2

4
2

4
2

4
2

Swing the cradles towards the rear of the lift and attach the boards to them using:

- 16 - 5/16 x 3-1/2 hex bolts
- 16 - 5/16 lock nuts
- 8 - wood backer plates

When tightening these bolts, make certain that the wood angles and the wood backer plates tighten flat against both the front and rear cradles.

9. final adjustments

Install the 10 red plastisol caps, 3 at the top of the mainframes and 6 on the legs.

Move your lift into the water and adjust its legs so that the lift is level. Do this by removing the bolt, moving the leg to the desired position, and then replacing the nut and bolt.

Adjust the boards to the proper width for your craft and the installation is complete.

red cap 1.5" x 3"	4
red cap 1.5" x 2"	6

important

Your Lakeshore Jet Lift will only protect your personal watercraft if the craft is lifted well above the level of the water. In larger lakes or during storms, large waves may lift the craft from the lift or tip the lift over, causing damage both to the craft and the lift. You must take precautions to protect your craft and lift from these conditions. If your craft suffers damage from high waves, Lakeshore Products, Inc. will not accept responsibility for such damage.

Inspect your lift often for signs of wear or improper operation. Be aware of normal cranking force. Any increase in cranking force is a sign that something is wrong.

Grease the winch shaft yearly. The red wheel must be able to thread and unthread easily in order for the braking mechanism to work properly.

Pay attention to the condition of your cable. A frayed or rusted cable can lead to failure of the lift. Replace it immediately. Greasing the cable, especially where it enters the winch, can extend its life.

hints

- place your lift in the deepest water you can, your lift will operate more easily in deeper water.
- deep V hulls may be accommodated by moving the front of the bunks closer together and leaving the back farther apart to provide stability.

Never over crank the winch. Once the lift has reached its highest point, further cranking will damage the lift.

In Deep Water?

If you have a deep lake and are in need of longer legs, Lakeshore Products, Inc. offers 4 foot long legs for your Jet Lift. Ask your dealer for details or call us at 517.639.3815.

10/2 Year Limited Warranty

Lakeshore Products, Inc. (Seller) warrants the aluminum structure on docks and lifts of its manufacture to be free from defects caused by faulty material or poor workmanship. Seller will, at its option, repair or replace any such goods found on examination by Seller, to be defective under normal use and service within ten years from date of purchase. Upon discovery of any such defect, Buyer must notify Seller in writing of defect and provide proof of purchase. Seller warrants cast aluminum parts, mechanical components, and hardware for two years.

Seller shall not be held responsible for repairs or modifications to its docks or lifts unless authorization has been obtained from Seller. This warranty does not cover damage caused by incorrect assembly or adjustments, overloading, improper use, neglected maintenance, alterations, or damage caused by accident, ice, salt water, or acts of God.

Components obtained from other manufacturers and used in Seller's products will be covered under the manufacturer's warranty and shall not be the responsibility of the Seller.

Seller's responsibility under this warranty shall be the repair or replacement of defective items. Seller is not liable for incidental or consequential damages of any kind.

Your Waterfront Specialists

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