

*Metal Craft*<sup>®</sup>  
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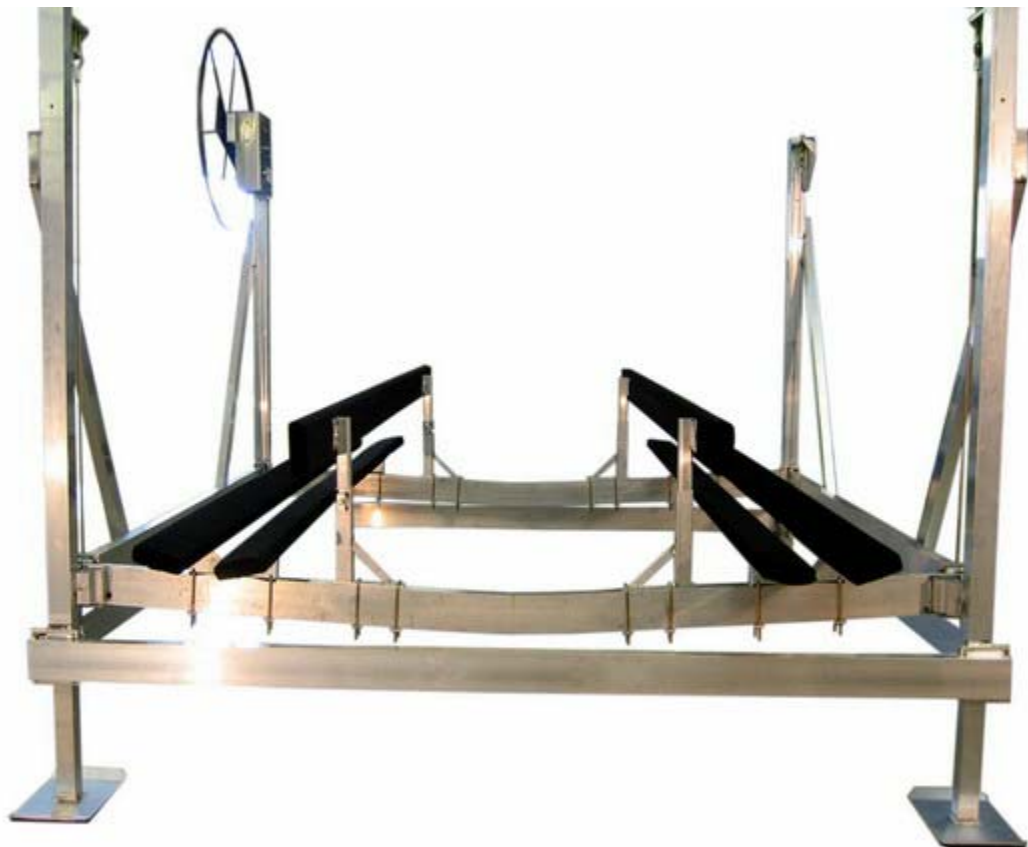
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# Assembly and Installation Manual Pontoon Bunk & Side Guide Kit for 4000/5000 Vertical LIFT

MCD p/n 1547-01, v2.2

April 4, 2011



## A. Intended Use

The *Metal Craft*<sup>®</sup> **Pontoon Bunk and Side Guide Kit** is intended for pontoon boats with two round Pontoons. Tri-toon boats (i.e., equipped with three pontoons) will need the optional, adjustable Standard Bunk Kit to support the center pontoon.

## B. Parts Description

1. Check the following parts to ensure you have all the items necessary to assemble your new **Pontoon Bunk and Side Guide Kit** for the **Model 4000** (110/122) or **Model 5000** (115/122) Vertical Boat Lift:

Qty Needed	Part No.	Description
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### MODEL 4000

6      1530-01    12'L Carpeted Bunks, Std. Wood

1      1522-01    Pontoon Bunk Parts Box, Sealed

### MODEL 5000

6      1531-01    14'L Carpeted Bunks, Std. Wood

1      1522-01    Pontoon Bunk Parts Box, Sealed

2. Check the #1522-01 Parts Box and identify the following items:

Qty Needed	Part No.	Description
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4      1538-03    Pontoon Side Guide Post, 1-3/4" Sq.x 12"L

4      1539-01    Side Guide Support Base, 2-1/16" Sq. x 12"H

16     1539-02    U-Bolt Bottom Plate

4      1537-01    Bunk Mounting Bracket, Pontoon, Galvanized

1      1517-01    Pontoon Bunk/Guide Fasteners Kit (Sealed Bag).

1      1547-01    Assembly Manual - Pontoon Bunk/Guides Kit, 4000/5000

3. Check the #1517-01 Fasteners Kit (sealed plastic bag) and identify the following items:

Qty Needed	Part No.	Description	Used
16	3709-06	Square U-Bolt, 3/8-16"x7-1/4"Lx1-7/8"IDx2-1/2"T ZY	(2) U-Bolt x 8
32	3700-02	3/8-16" x 1 1/4" Hex Head Lag Screw Bolt ZY	(4) Bunk Bracket x 4; (4) Side Guide Post x 4
32	3700-11	3/8-16" Nylon Insert Locknut ZY	(2) U-Bolt x 16
4	3706-13	1/2-13" x 1 3/4" Hex Head C/S Stainless (SS)	(1) Support Base x 4
4	3706-12	1/2-13" Square Nut 3/4" x 3/4" Stainless Steel	(1) Support Base x 4

If any problems are found, do not proceed. **Call your Metal Craft Dealer.**

Or, reach Metal Craft at **800-989-3625** or at **www.metalcraftlifts.com**

**Note:** The Pontoon Bunk Mounting Bracket is made of steel with a galvanized finish. A special **3M Scotchrap #51 Corrosion-Protection Tape** has been applied to the bottom surface of the bracket. This black tape provides all-weather corrosion protection between the bracket and the aluminum cradle member. The tape is resistant to abrasion, salt water, salt, acids, alkalies, common chemicals and vapors, weathering, and sunlight. Plus, it will not puncture or tear. Do not remove or cut this tape.



## C. Assembly Instructions

### Step #1 -

Measure the center-to-center distance of the two outside pontoons on the boat.

Assemble the Pontoon Bunk Mounting Brackets in place on top of the "V" cradle member on the lift.

- |          |                |  |
|----------|----------------|--|
| <b>4</b> | <b>1537-01</b> | Bunk Mounting Bracket, Pontoon, Galvanized |
| <b>8</b> | <b>1539-02</b> | U-Bolt Bottom Plate                        |

With these fasteners:

- |           |                |  |                |
|-----------|----------------|--|----------------|
| <b>8</b>  | <b>3709-06</b> | Square U-Bolt, 3/8-16"x7-1/4"Lx1-7/8"IDx2-1/2"T ZY | (2) U-Bolt x 4 |
| <b>16</b> | <b>3700-11</b> | 3/8-16" Nylon Insert Locknut ZY                    | (2) U-Bolt x 8 |

Adjust the Pontoon Bunk Mounting Brackets side-to-side to the center-to-center dimensions of the boat's outside pontoons.

### Step #2 -

Place (4) **Carpeted Bunks** in place. Screw Lag Bolts into Carpeted Bunks to attach the Bunks to the Pontoon Bunk Mounting Plate:

- |           |                |   |                      |
|-----------|----------------|---|----------------------|
| <b>16</b> | <b>3700-02</b> | 3/8-16" x 1 1/4" Hex Head Lag Screw Bolt ZY | (4) Bunk Bracket x 4 |
|-----------|----------------|---|----------------------|



### **Step #3 -**

Assemble the **Side Guide Bunk Base** on top of the Front and Rear Cradle Cross Members. Position them to the inside of the Bunks installed in Steps #1- #4 above. This will guide the inside of the pontoon tubes onto the lift.

- 4**      **1539-01** Side Guide Support Base, 2-1/16" Sq. x 12"H
- 8**      **1539-02** U-Bolt Bottom Plate

With these fasteners:

- 8**      **3709-06** Square U-Bolt, 3/8-16"x7-1/4"Lx1-7/8"IDx2-1/2"T ZY      (2) Support Base x 4
- 16**     **3700-11** 3/8-16" Nylon Insert Locknut ZY                              (2) U-Bolt x 8

Note: There are two different ways the Side Guide Bunk Bases can be installed.

The most common method is to have the Side Guides to the inside of the boat's pontoons. This allows the boat to be guided into place while providing the maximum clearance between the beam of the boat and the distance between the lift's posts.



The alternative is to mount the Side Guides on the outside of the cradle to guide the boat's pontoons



#### **Step #4 -**

Insert the **Side Guide Post** into the Side Bunk Base.

**4**      **1538-03** Pontoon Side Guide Post, 1-3/4" Sq. x 12"L

Tighten with these Stainless fasteners:

**4**      **3706-13** 1/2-13" x 1 3/4" Hex Head C/S Stainless (SS)      (1) Support Base x 4

**4**      **3706-12** 1/2-13" Square Nut 3/4" x 3/4" Stainless Steel      (1) Support Base x 4



#### **Step #5 -**

Place (2) **Carpeted Bunks** in place.

Screw Lag Bolts into bunk to fasten the Bunks to the Legs:

**16**      **3700-02** 3/8-16" x 1 1/4" Hex Head Lag Screw Bolt ZY      (4) Bunk Bracket x 4

#### **Step #6 -**

Adjust **Side Guide Posts** up/down and in/out to fit pontoon boat.