



KAYAK LAUNCH® OWNER'S MANUAL



MODEL NUMBER: 3-STEP, 5-STEP, 7-STEP

Dealer: _____

Install Date: _____

Owner's Name: _____

Serial Number: _____

We at Golden are proud to introduce the Kayak Launch® to our line of lifts. The Kayak Launch® is designed to easily lower small vessels into the water directly off a seawall or dock. This mounted lift is manufactured with T-6 marine grade aluminum and stainless steel hardware. This lift is ideal for freshwater and saltwater applications and requires no shore power. The Kayak Launch® was intentionally engineered to minimize the space needed to operate the lift, making it extremely versatile for many applications. All non-adjustable components for the Kayak Launch® are welded together, decreasing premature loosening of parts. We use only eco-friendly biodegradable fluid. It is 100% water soluble and meets the strict guidelines of the US Fish & Wildlife Service as non-toxic.

When It's Done Right... It's Golden!

CAUTION: READ OPERATING INSTRUCTIONS CAREFULLY

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FEATURES

- Simple installation
- Available in 3, 5 & 7 Step
- Welded aluminum frame & stainless steel cables
- 2', 4', or 6' travel distance options available
- Adjustable bunks for varying kayak width
- Adapts to fluctuation water levels
- Brake winch controls up and down movement
- Dock mount arms provide stability during boarding
- Standard models support kayaks up to 250 lbs.
- Heavy duty models support kayaks up to 350 lbs.
- 3 Step Launch Models
 - 3 Step Standard: 2' Travel, 6' Bunks, 43" Clear Entry
 - HD 3 Step: 2' Travel, 6' Bunks, 57" Clear Entry
- 5 Step Launch Models
 - 5 Step Standard: 4' Travel, 6' Bunks, 43" Clear Entry
 - HD 5 Step: 4' Travel, 6' Bunks, 57" Clear Entry
- 7 Step Launch Models
 - 7 Step Standard: 6' Travel, 6' Bunks, 43" Clear Entry
 - HD 7 Step: 6' Travel, 6' Bunks, 57" Clear Entry



SAVE THESE SAFETY INSTRUCTIONS FOR FUTURE REFERENCE

SAFETY INFORMATION - PLEASE READ THOROUGHLY!

- The Kayak Launch® was designed, tested and certified to be installed in the recommended area approved by certified and approved personnel under the specific installation and operation guidelines laid out in the installation and operation manual issued by Golden Boat Lifts®.
- Note: Any installation or operation methods outside the guidelines described within the manual mentioned above will void the product warranty.
- Note: It is recommended that a trained professional install the Kayak Launch®
- Note: Before beginning installation of the Kayak Launch®, please ensure that the area selected for installation meets all local and state guidelines and regulations.
- Note: To avoid damage to the Kayak Launch® and/or personal injury/death, carefully follow each step outlined in the manual.
- Note: Before beginning installation of the Kayak Launch®, clear adequate space around the installation site so that all parts, hardware, and tools can be laid out in a safe space and organized fashion.



HEAVY OBJECTS

Failure to follow this warning can result in personal injury or death and/or damage to the Kayak Launch®.

The Kayak Launch® has heavy parts. To avoid bodily harm and/or damage to the Kayak Launch, ensure that proper handling and lifting techniques are used.

When completing the steps outlined in this owners manual, please ensure that only proper handling and lifting techniques are used to transport parts to the desired locations. In some circumstances machinery may be required to move individual parts.



MOVING PARTS HAZARD

The Kayak Launch® comes with a mechanical winch that operates using rotating gears. Please keep extremities away from winch to ensure bodily harm or damage to the winch does not occur.

Failure to follow this warning can result in personal injury or death and/or damage to the Kayak Launch®.

The Kayak Launch has moving parts while in operation. To avoid bodily harm and/or damage to the Kayak Launch®, ensure the lift is operated from the dock or seawall, and never on the lift or vessel.

Note: Never operate a lift while on the lift or inside the vessel.

Note: Before operation, it is important to verify every step outlined in the Kayak Launch® Owner's Manual.

Note: Never exceed the maximum capacity of the lift.

Note: Never go under the lift or vessel, especially when the lift is in the raised position.

Note: It is recommended that the Kayak Launch® be raised to the upward position when not in use.

After completing the steps outlined in the Kayak Launch® Owner's Manual, the Kayak Launch® should be ready to operate.

SPECIFICATIONS

KAYAK LAUNCH®	3-STEP	5-STEP	7-STEP
STANDARD	WEIGHT: 82 lbs. (37 kg) MAX CAPACITY: 250 lbs. (114 kg) MAX HEIGHT: 50 1/4" TRAVEL DISTANCE: 2' BUNK LENGTH: 6'	WEIGHT: 100 lbs. (45 kg) MAX CAPACITY: 250 lbs. (114 kg) MAX HEIGHT: 74 1/4" TRAVEL DISTANCE: 4' BUNK LENGTH: 6'	WEIGHT: 118 lbs. (54 kg) MAX CAPACITY: 250 lbs. (114 kg) MAX HEIGHT: 98 1/4" TRAVEL DISTANCE: 6' BUNK LENGTH: 6'
HEAVY DUTY	WEIGHT: 79 lbs. (36 kg) MAX CAPACITY: 350 lbs. (159 kg) MAX HEIGHT: 50 1/4" TRAVEL DISTANCE: 2' BUNK LENGTH: 6'	WEIGHT: 102 lbs. (46 kg) MAX CAPACITY: 350 lbs. (159 kg) MAX HEIGHT: 74 1/4" TRAVEL DISTANCE: 4' BUNK LENGTH: 6'	WEIGHT: 125 lbs. (57 kg) MAX CAPACITY: 350 lbs. (159 kg) MAX HEIGHT: 98 1/4" TRAVEL DISTANCE: 6' BUNK LENGTH: 6'

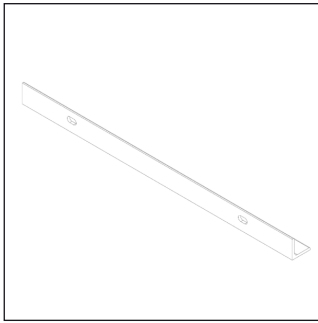


REQUIRED TOOLS:

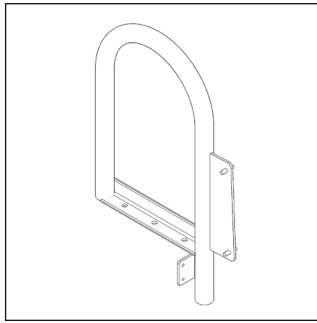
- 7/16" WRENCH
- 9/16" WRENCH
- 3/4" WRENCH OR CRESCENT WRENCH
- 7/16" SOCKET
- 9/16" SOCKET
- 10 MM SOCKET
- SMALL RACHET



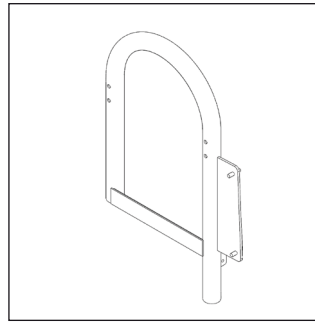
PART IDENTIFICATION



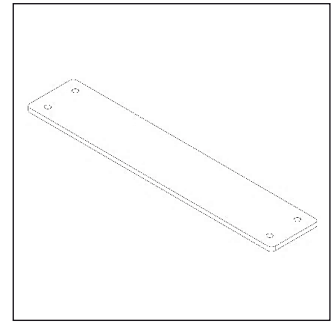
UNDER DOCK SUPPORT
QTY: 2



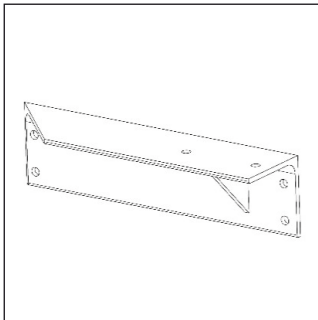
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QTY: 1



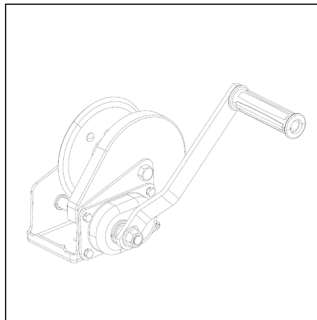
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QTY: 1



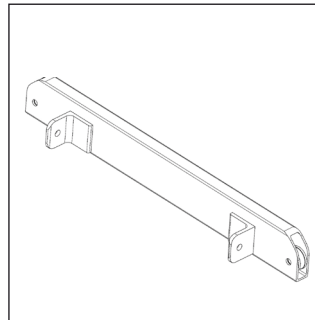
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QTY: 1



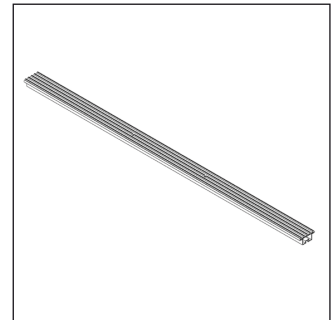
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QTY: 2



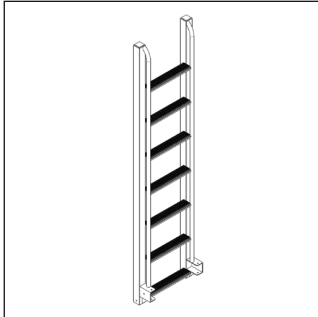
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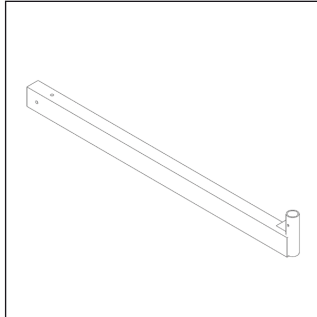
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QTY: 1



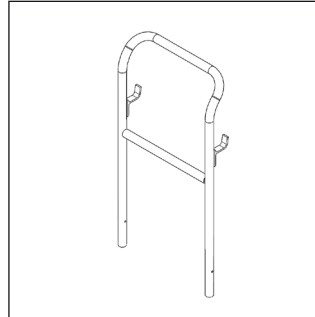
BUNK
QTY: 2



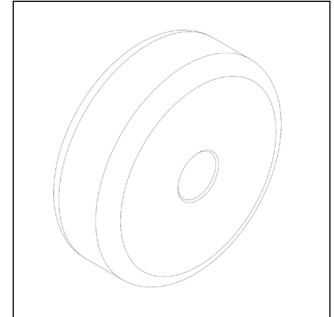
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QTY: 1



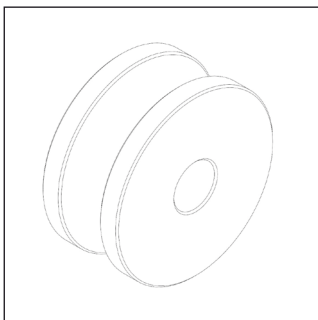
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QTY: 2



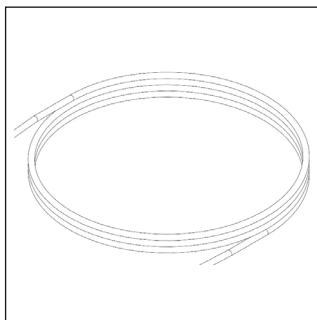
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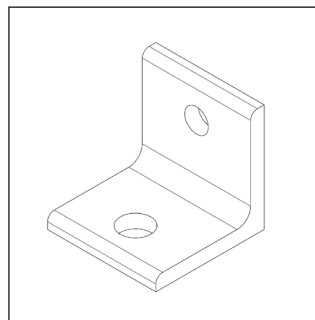
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QTY: 8



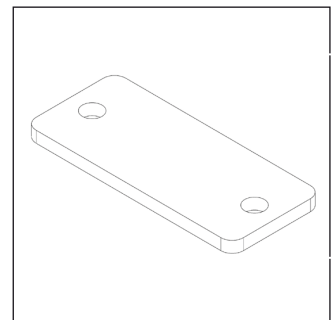
PULLEY WHEEL
QTY: 2



STAINLESS CABLE
QTY: 1



BUNK MOUNT BRACKET
QTY: 4



BUNK BRACKET LOWER
QTY: 8

HARDWARE KITS

KIT #	KIT NAME	HARDWARE
1	INTERNAL ROLLER	(8) INTERNAL ROLLERS
2	FRONT PLATE	(4) HEX HEAD BOLT - 1/4" X 1" (8) FLAT WASHER - 1/4" (4) LOCK NUT - 1/4"
3	CABLE TUBE & ROLLERS	(2) HEX HEAD BOLT - 3/8" X 3.5" (4) FLAT WASHER - 3/8" (2) HEX HEAD BOLT - 3/8" X 1.5" (4) LOCK NUT - 3/8" (2) GROOVED CABLE ROLLER
4	WINCH, MOUNT, CABLE TIE OFF	(4) HEX HEAD BOLT - 3/8" X 3.5" (4) LOCK WASHER - 3/8" (4) HEX NUT - 3/8" (3) HEX HEAD BOLT - 3/8" X 1.5" (1) HEX HEAD BOLT - 3/8" X 1" (16) FLAT WASHER - 3/8" (8) LOCK NUT - 3/8"
5	CRADLE ARMS	(2) HEX HEAD BOLT - 3/8" X 4.5" (2) HEX HEAD BOLT - 3/8" X 4.5" (8) FLAT WASHER - 3/8" (4) LOCK WASHER - 3/8" (4) HEX NUT - 3/8"
6	GRAB RAIL	(2) HEX HEAD BOLT - 1/4" X 2" (4) FLAT WASHER - 1/4" (2) LOCK NUT - 1/4"
7	BUNK	(8) BUNK BRACKET (4) BUNK MOUNT BRACKET (4) HEX HEAD BOLT - 1/2" X 1" (4) LOCK WASHER - 1/2" (4) HEX NUT - 1/2" (8) HEX HEAD BOLT - 3/8" X 3.5" (16) FLAT WASHER - 3/8" (8) LOCK WASHER - 3/8" (8) HEX NUT - 3/8"



KAYAK LAUNCH® ASSEMBLY

DOCK MOUNT ARM (R)

- Lay ladder level on a protected working surface with handrail channel facing up.
- Attach rollers (2) to upper roller pins on dock mount arm (R). See figure 1.

NOTE: Ensure the rollers are fully pressed into the roller pins.

- Install dock mount arm/roller assembly (R) and move into ladder allowing access to lower roller pins.
- Attach rollers (2) to lower roller pins on dock mount arm (R). See figure 2.

NOTE: Ensure the rollers are fully pressed onto the roller pins.

- Move dock mount arm/roller assembly (R) to up position to complete dock mount arm (R) assembly.

DOCK MOUNT ARM (L)

- Attach rollers (2) to upper roller pins on dock mount arm (L). See figure 1.

NOTE: Ensure the rollers are fully pressed into the roller pins.

- Install dock mount arm/roller assembly (L) and move into ladder allowing access to lower roller pins.
- Attach rollers (2) to lower roller pins on dock mount arm (L). See figure 2.

NOTE: Ensure the rollers are fully pressed onto the roller pins.

- Move dock mount arm/roller assembly (L) to up position to complete dock mount arm (L) assembly.

FRONT PLATE

- Attach handrail plate onto dock mount arm (R) and dock mount arm (L) using hardware provided in Kit #2 to complete the front plate assembly. See Figure 3.

WINCH MOUNT PLATE

- Attach winch mount plate to handrail (R) using hardware provided in Kit #4 to complete winch mount plate assembly. See Figure 4.

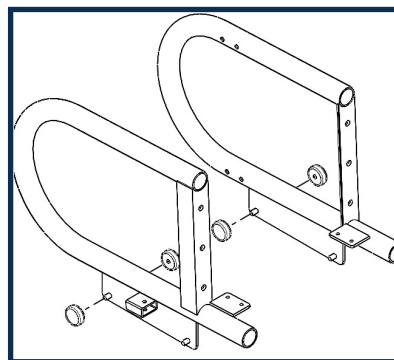


FIGURE 1

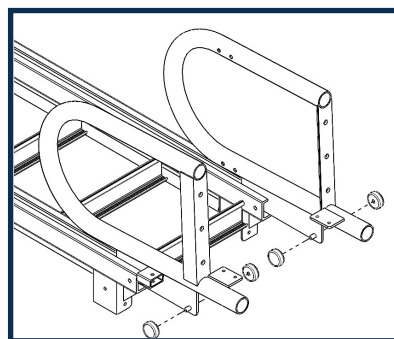


FIGURE 2

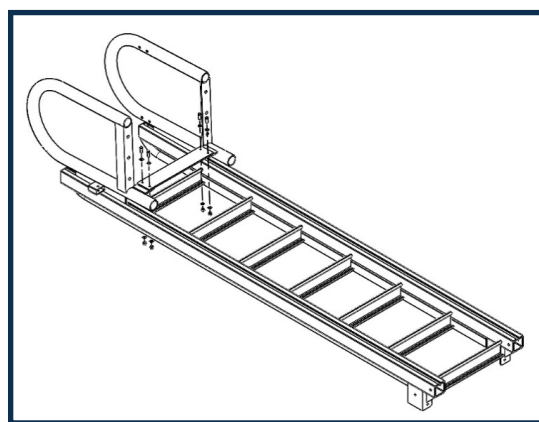


FIGURE 3

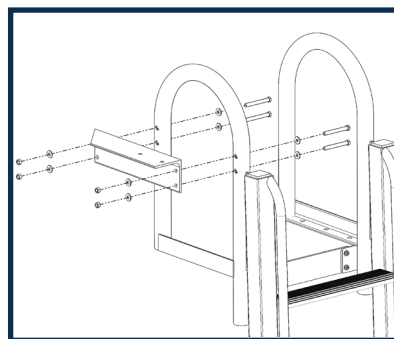


FIGURE 4

LOWER ROLLER BRACKET

- Lay lower roller bracket onto ladder.
- Insert pulley wheels (2) into lower bracket. One into each end.
- Insert and attach using hardware provided in Kit #3. **Do not over torque**. Pulley must rotate freely. See Figure 5.
- Rotate lower roller bracket assembly on ladder and align mounting holes. Attach using hardware provided in Kit #3 to complete lower roller bracket assembly. See Figure 6.

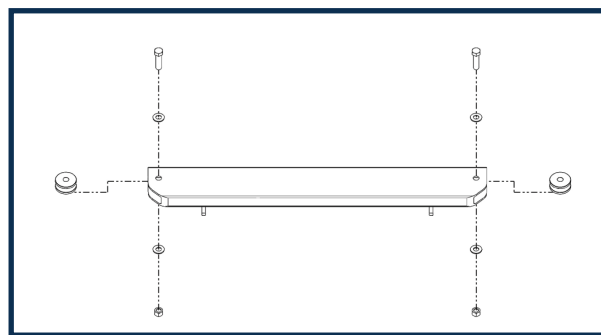


FIGURE 5

STAINLESS CABLE AND WINCH

- Position winch near working surface. Position needs to allow stainless cable to reach winch. Reposition handrails to bottom position and ladder in a vertical orientation.
- Attach thimble end of stainless cable to cable mounting plate on handrail (L) using hardware provided in Kit #4.
- Route bare end of cable through lower roller bracket assembly (bracket side), under lower half of the pulleys, out of opposite lower roller bracket assembly and into winch interface (inside of spool).
- Pull enough cable through spool to allow cable to loop through winch cable attachment point. Leave 1" of cable protruding below damp. Pull cable slack back through point of entry.
- Torque cable clamp. Pay attention to not over torque and break winch. See Figure 7.
- Align winch mounting holes with winch bracket mounting holes and attach with hardware provided in Kit #4 to complete winch assembly. See Figure 8.
- Attach winch handle to winch using hardware shipped with winch.
- Apply pressure to cable against inside spool wall and rotate handle to begin cable spooling operation. Keep tension on cable to ensure proper cable spooling. Wind until all cable is spooled onto the winch.
- Move handrails to up position by winding winch. Check for tight cable spooling. This completes cable installation.
- For additional cable installation details scan code below:

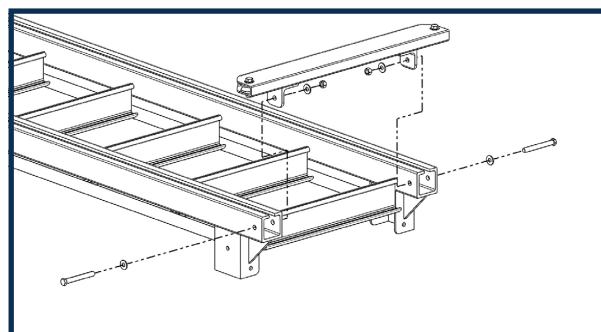


FIGURE 6

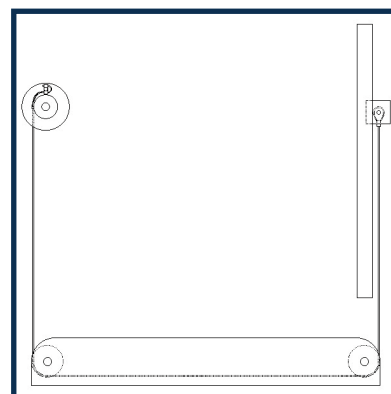


FIGURE 7

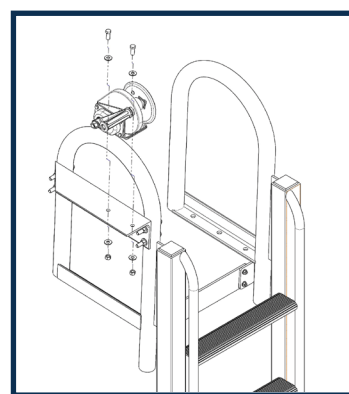


FIGURE 8



KAYAK LAUNCH ASSEMBLY

CRADLES

- Attach cradle to ladder using hardware provided in Kit #5. **Leave bolts loose.** See Figure 9.

NOTE: Bolts to be tightened in the following steps.

GRAB RAILS

- Install grab rail into outside receivers on cradle arms and attach using hardware provided in Kit #6 to complete grab rails assembly. Tighten bolts on cradle arms. See Figure 10.

BUNKS

- Install 1/2" x 1" bolts (2 per bunk) provided in Hardware Kit #7 into slot on bunk assembly.
- Assemble bunk brackets using 3/8" hole with 3/8" x 3.5" bolt. (4 sets)
- Assemble bunk bracket assembly onto cradle arm. Attach using (1) 3/8" x 3.5" bolt provided in Hardware Kit #7. Hand torque for adjustability. Angle bracket needs to face outside of cradle and rotated to face up. (2 sets per cradle arm)
- Slide bunk bolts to be about 24" from each end and position bunks to be centered on cradle. Use bunk bracket adjustability to position bunks to allow personal vessel placement. Bunks can rotate and brackets can move along the cradle. Bunks must be centered on cradle arms.
- Attach bunks using hardware provided in Kit #7 to complete bunk assembly. See Figure 10.

This completes Kayak Launch® assembly.

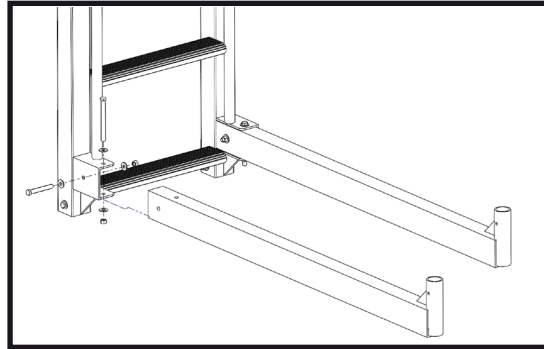


FIGURE 9

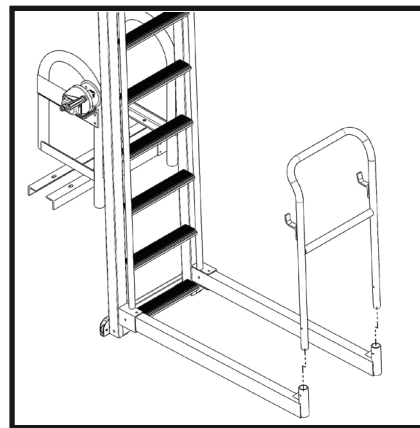


FIGURE 10

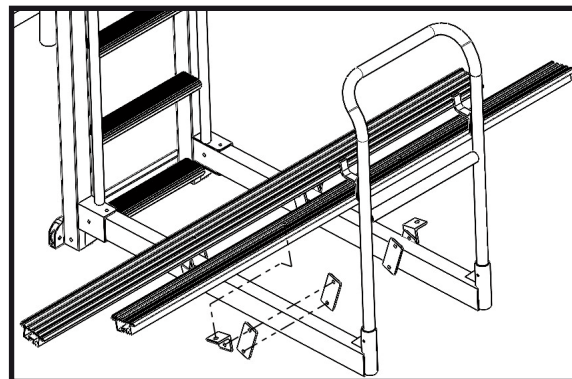


FIGURE 11