

# **EZ Port** Modular • Adaptable • eXpandable **MAX**<sup>®</sup>

## **Owner's Manual and Installation Instructions**

**Models 206030PW-\*\*, 206032PW-\*\*, 206031PW-\*\*, 206025BS-\*\*, 206027BS-\*\*, 206033EX-\*\***

**\*\* denotes color options**

**EZ=Beige  
GR=Gray**

**For questions about features, operation/performance, parts, accessories or installation, call your local EZ Dock dealer.**

**Additional information regarding EZ Dock products can be found on the internet at [www.ez-dock.com](http://www.ez-dock.com).**



***The First Dock of Its Kind...The Last Dock You Will Ever Need<sup>®</sup>.***

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Dear EZ Dock Customer,

The EZ Dock Team thanks you for your purchase. We know that you had other choices of watercraft ports, and we appreciate your decision to purchase an EZ Port MAX.

You will find it easy to maintain your EZ Port MAX and to add accessories and other components to your port in the future. The EZ Port MAX is modular, adaptable, expandable, and the most durable port on the market. You, your family, and your friends will enjoy this port for many years to come.

Before you install your new EZ Port MAX, please take a moment and fill out the registration card. To save time, you can also register online at [www.ez-dock.com](http://www.ez-dock.com). By registering your product, you will activate your product warranty and thereby protect your purchase against covered product defects. Please feel free to give your EZ Dock customer service department a call with any issues that you may have with your EZ Port MAX. You can reach our customer service department by dialing:

USA/Canada: 1-888-654-8168

Int'l: 1-417-235-2223

Europe: +46 (0) 70-525-85-88

## IMPORTANT! Assembly, Installation, Maintenance and Safety:

You should read these instructions thoroughly before assembling and installing your EZ Port MAX. Please adhere to all recommendations and cautionary suggestions appearing in this manual and always follow the instructions precisely. Please save these instructions and refer to them as needed for future reference.

### **DANGER**



#### **Drowning Hazard**

**Swimming under and/or attempting to breathe in cavities under EZ Dock docks and ports while performing in-water installation of docks, ports and couplers can result in accidental drowning and death.**

**Do not attempt in-water installation without EZ Dock in-water coupler installation tools.**

### Tools and Requirements:

As with any assembly and installation, some tools are required to assemble and install your EZ Port MAX. You may not need every tool listed below for your particular installation, but the following tools are generally helpful in the installation process (for professional installation, call your local EZ Dock dealer):

- EZ Dock In-Water Installation Tool (900010)(for EZ Dock mounting in-water assembly)
- Composite Coupler Installation Tool (900005)(for EZ Dock mounting)
- Ratchet and socket set that includes 1/2", 9/16", 5/8", 11/16", 15/16" sq. HD. or 24mm - 12pt
- Open-end, boxed-end wrench set (above mentioned sizes)
- Screwdrivers (#3 Phillips and standard)
- Pliers
- Adjustable wrenches
- Hammer (rubber mallet)
- Pry-bar (small and large)
- Rope (minimum 3/8" braided nylon)
- Power drill and bits
- Utility knife
- Tape measure

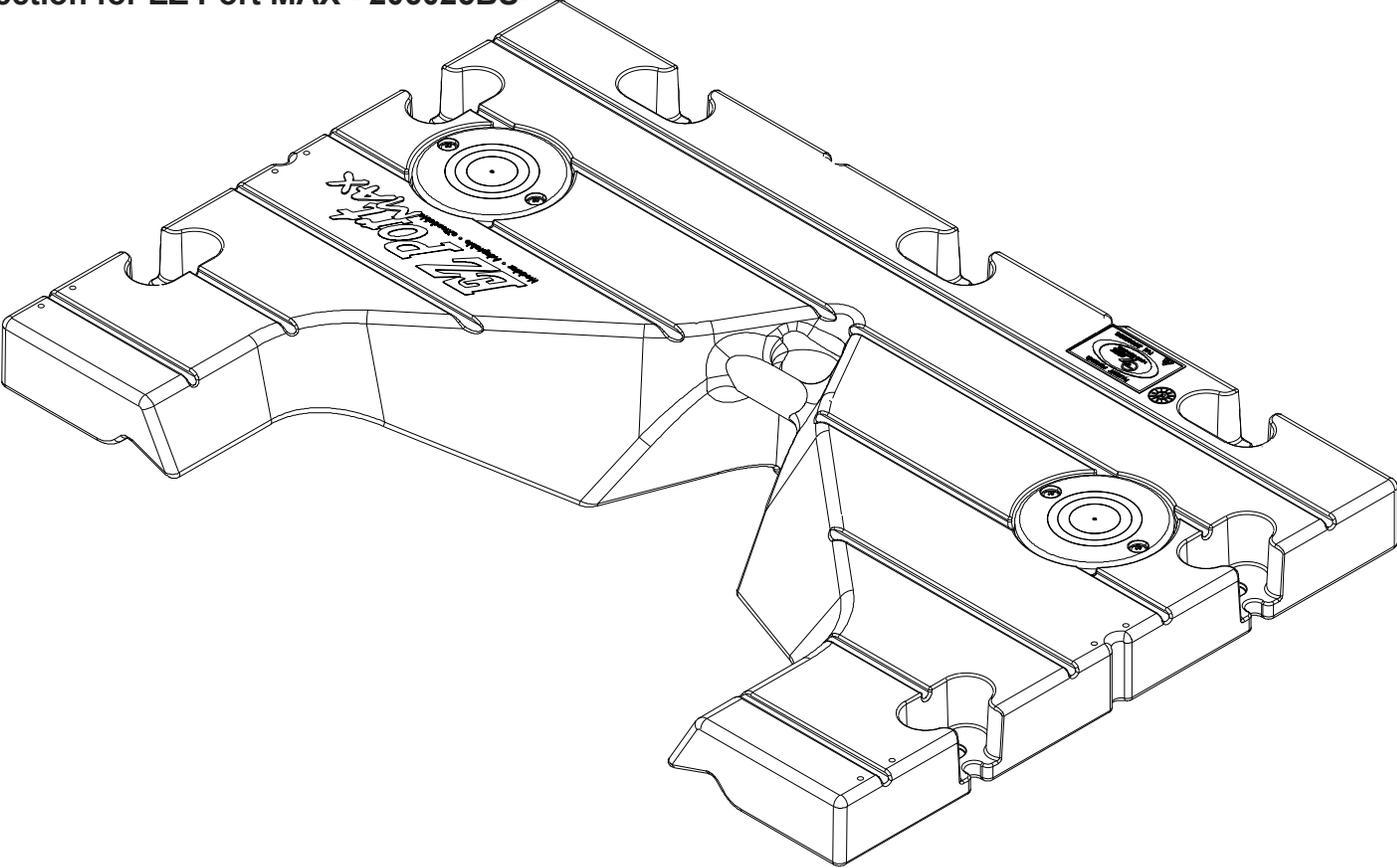
### EZ Port MAX Specifications

Model	Part Number	Length	Width	Height	Weight	Floation Capacity
EZ Port MAX Integrated Bow	(206032PW-**)	149" (378.5 cm)	60" (152.4 cm)	15" (38.1 cm)	320 lbs. (145 kg)	1380 lbs. (626 kg)
EZ Port MAX Entry	(206030PW-**)	149" (378.5 cm)	60" (152.4 cm)	11" (27.9 cm)	315 lbs. (142.9 kg)	1380 lbs. (626 kg)
EZ Port MAX Extension	(206031PW-**)	146" (370.8 cm)	60" (152.4 cm)	11" (27.9 cm)	328 lbs. (148.8 kg)	1400 lbs. (635 kg)
EZ Port MAX Easy-Lift Entry	(206033EX-**)	43" (109.2 cm)	60" (152.4 cm)	11" (27.9 cm)	75 lbs. (34 kg)	400 lbs. (181 kg)
Bow Section Full Port MAX	(206025BS-**)	39" (99.1 cm)	60" (152.4 cm)	10" (25.4 cm)	60 lbs. (27.2 kg)	N/A
Bow Section Half for Port Max	(206027BS-**)	33" (83.8 cm)	21" (53.3 cm)	15" (40.6 cm)	12 lbs. (5.4 kg)	N/A

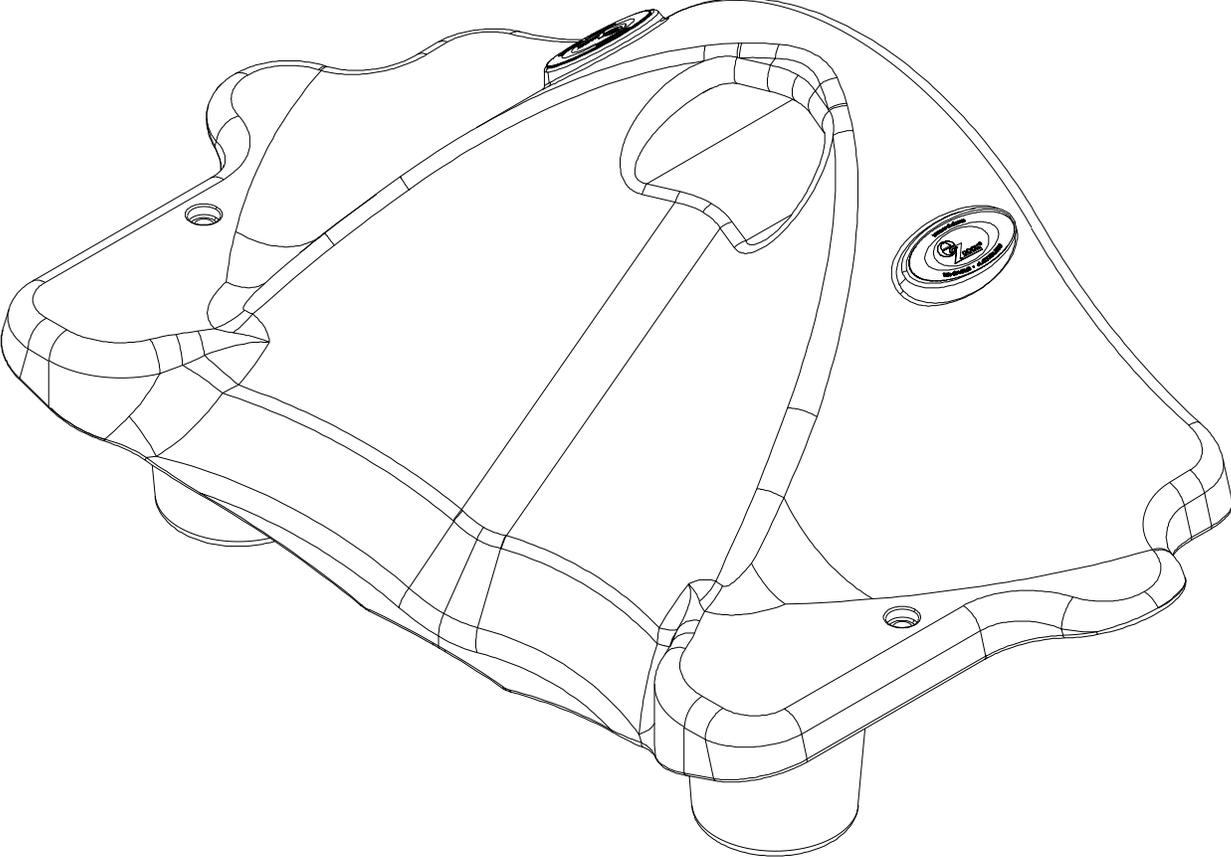
Note: Due to the rotomolding process, weights and dimensions may vary.

For more information call 1-800-654-8168 or go to [www.ez-dock.com](http://www.ez-dock.com).

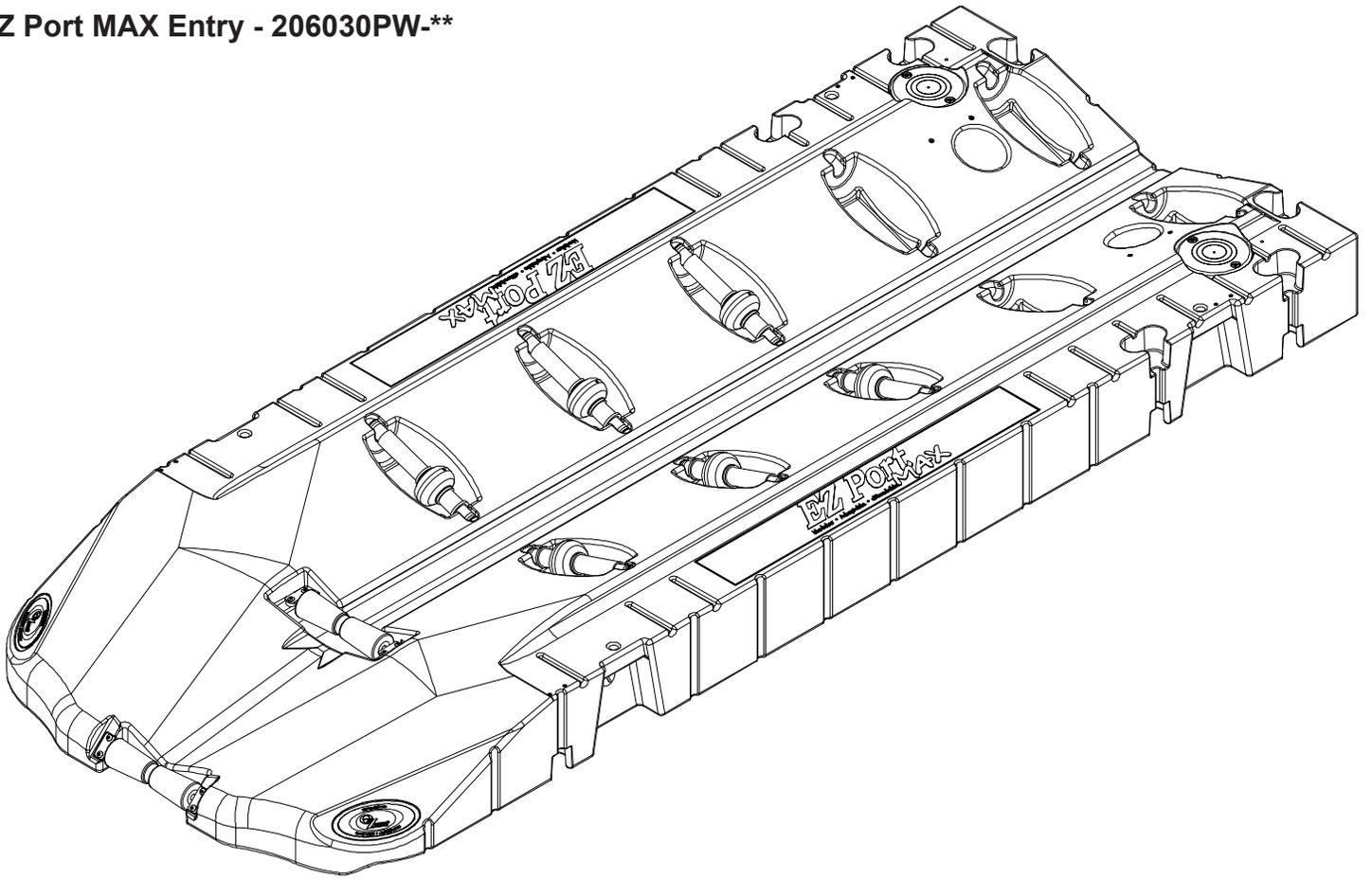
**Bow Section for EZ Port MAX - 206025BS-\*\***



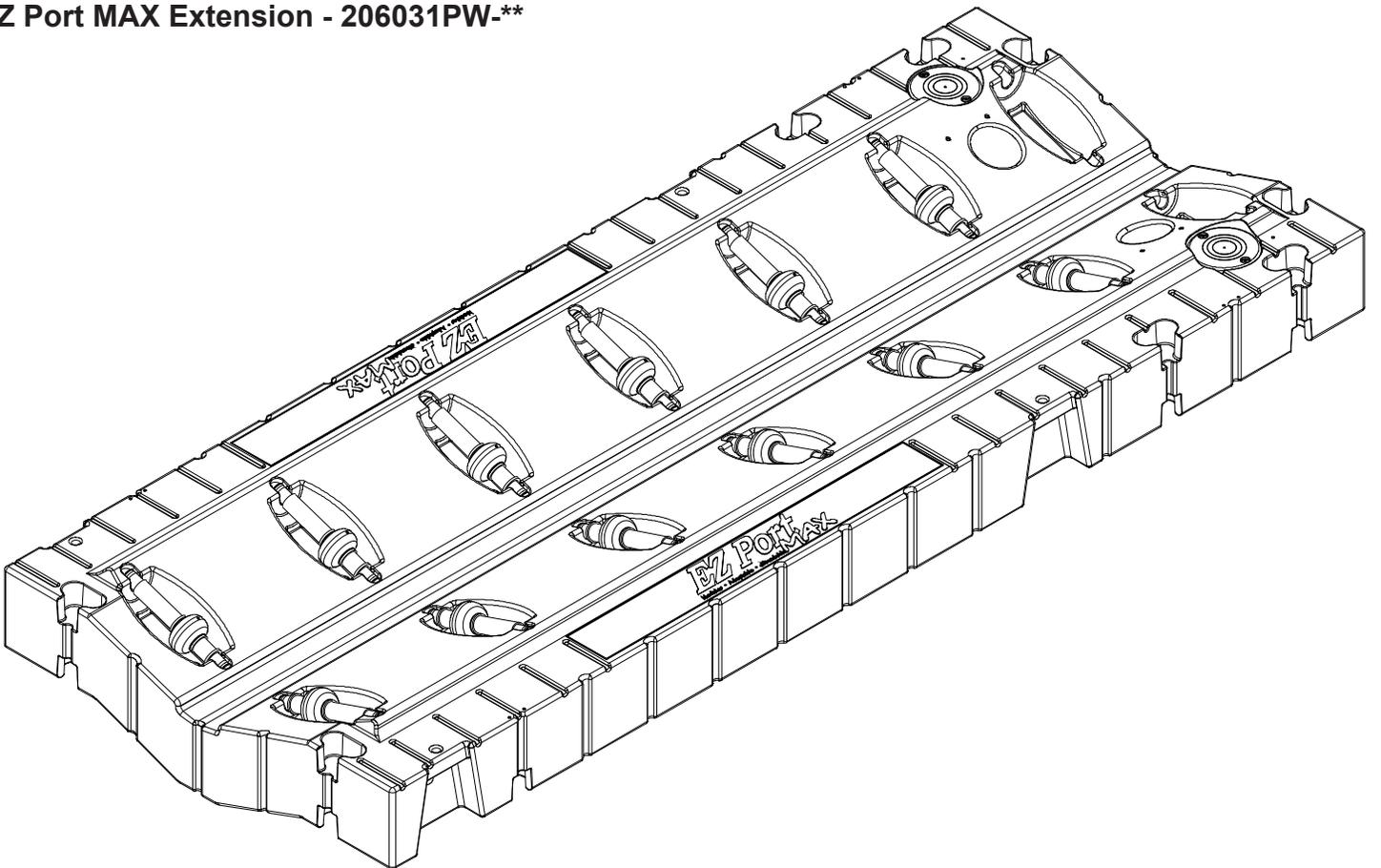
**Bow Section Half for EZ Port MAX - 206027BS-\*\***



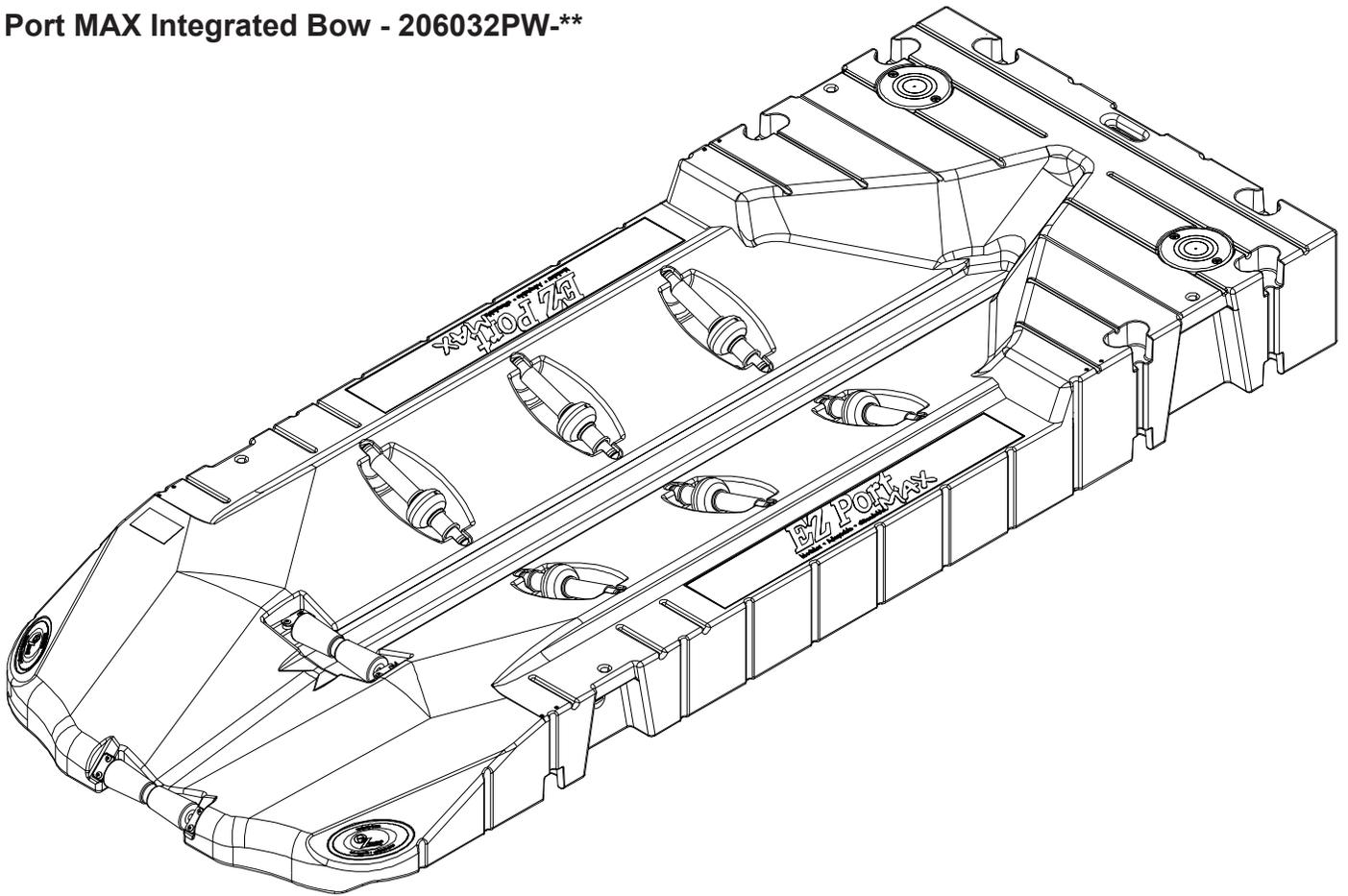
**EZ Port MAX Entry - 206030PW-\*\***



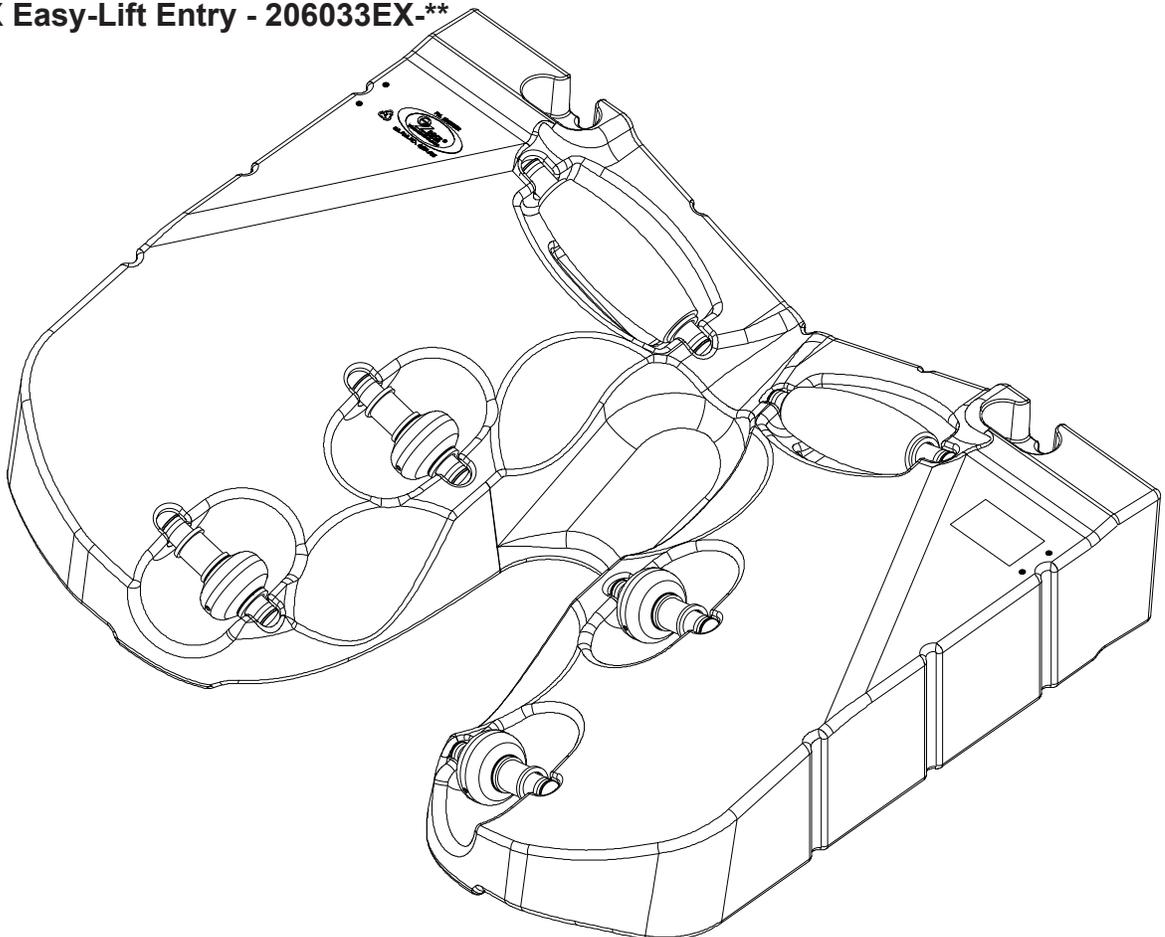
**EZ Port MAX Extension - 206031PW-\*\***



**EZ Port MAX Integrated Bow - 206032PW-\*\***



**EZ Port MAX Easy-Lift Entry - 206033EX-\*\***



## Selecting your Installation/Attachment Method

The EZ Port MAX must float freely on the water surface, moving up and down with any changes in water level. To accomplish this there are a number of anchoring/installation methods available for use with the EZ Port MAX.

## Site Conditions to be Considered

Every EZ Port MAX installation will be site specific and must be configured specifically for the end user's intended application. Some factors that must be taken into consideration when determining the components necessary for a proper installation are: intended usage, water conditions, soil/bed conditions, and climatic conditions. There are a few simple rules to follow when determining layout configuration.

Be certain that your installation configuration is designed to accommodate the daily intended use of your EZ Port MAX. Please take into account the following:

- Commercial application needs
- Public access requirements
- Private docking needs
- Scale of operation and use (size of PWCs, number of people, etc.)
- Other special considerations affecting your daily use

Be aware of the unique characteristics of the specific body of water and consider how such conditions will affect the installation. Take into account:

- Overall area of the body of water
- Water depth (at the shore and at the furthest point from shore)
- Normal and greatest wave action
- Water level fluctuation
- Fresh, brackish, or salt-water
- Normal ice thickness and movement
- Lakebed and soil conditions (sand, rock, mud, etc.)

## Usage

Understand and consider installation/performance requirements then evaluate your ability to fulfill them.

- Determine whether your installation will be attended and inspected on a regular basis.
- Become acquainted with the normal movement associated with floating structures.
- Determine whether you are capable of performing your own installation, or whether it is best to hire a professional.

Once you have considered and worked out the issues above, the next step is to select the installation mounting method that is best for you. Since no two installations are ever exactly the same, each and every EZ Port MAX installation must be designed and configured for the specific and intended application.

- **Installation with an EZ Dock System (Section 3.):** When installing the EZ Port MAX on an EZ Dock system, simply use standard EZ Dock coupler sets to connect the EZ Port MAX to the EZ Dock. (refer to the installation instruction section 3).
- **Installation with Pipes (Section 4.):** Anchoring the EZ Port MAX with pipes allows for stand alone installations. The integrated pipe brackets are utilized for these installations (refer to the installation instruction section 4 for stationary/fixed piers, docks bulkheads, seawalls, etc.).
- **Installation with other floating dock systems (Section 5. & 6.):** The EZ Port MAX can be attached to other floating docks with the floating dock adapter hinge kit (refer to the installation instruction section 5 for when Small Bow Section is used and 6 for Full Bow Section).

## Assembly of Bow Sections onto EZ Port MAX

There are two bow sections for the EZ Port MAX. These bow sections protect the PWC from going too far forward during loading and provide for PWC tie down. A bow section must be installed before installation and use of the EZ Port MAX for single/tandem PWC EZ Port MAX applications (using just the entry section 206030PW-\*\*):

- The half bow section (206027BS-\*\*) is an economical way to protect your PWC, (Figure 1). To install, the half bow section is inserted into the holes located near the front of the entry section. Push the half bow section down firmly into the holes and install two (2) bolts (Item 4). When the half bow section is fastened in this way, it will not require Item 2 or Item 3, (Figure 1).

- The full bow section (206025BS-\*\*) must be used to attach the EZ Port MAX to new or existing EZ Dock floating docks and provides additional walking surface, (Figure 2). To install, place the full bow section onto the front of the entry section and align the front with the front of the entry. Install four (4) bolts and washers (Items 9 & 10) into the holes as indicated below and tighten.

- For in-line EZ Port MAX applications - Please refer to page 16.

**Warning:** A bow section must always be used!

### Tools required:

- Phillips Screwdriver
- Ratchet and socket set or open-end, boxed-end wrench set
- Open-end, boxed-end wrench set

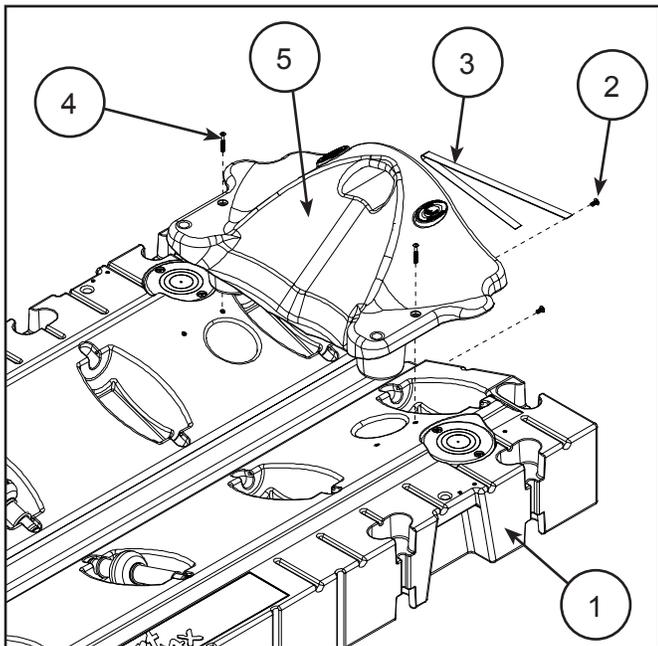


Figure 1.

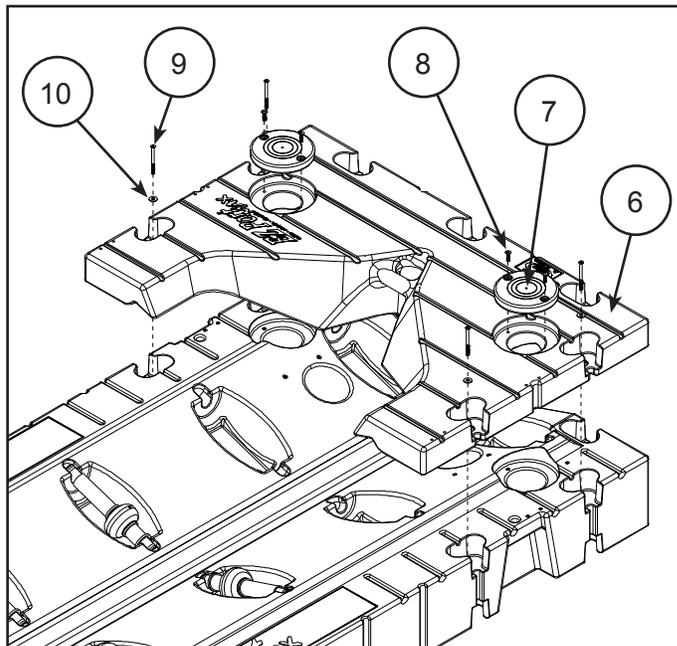


Figure 2.

BILL OF MATERIAL			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	206030PW-**	EZ Port MAX Entry
2	2	80575SS	Bolt 5/16"-18 x 3/4" Truss HD 18-8 SS
3	1	S22025	Tether Cord, 36" x 1" Nylon F/ Port MAX
4	2	80524SS	Bolt 5/16"-18 X 2 1/4" Truss HD 18-8 SS
5	1	S26027-**	Bow Section, Half F/ Port MAX
6	1	S26025BS-**	Bow Section, Full F/ Port MAX
7	2	S20616**	Cover, Pipe Bracket Sleeve
8	4	80514SS	Bolt 5/16"-18 x 1 1/4" Truss HD 18-8 SS
9	4	80545SS	Bolt 5/16"-18 x 4 1/2" HD 18-8 SS
10	4	117005	Washer 3/8" x 1" O.D. Flat 18-8 SS

# 1. In-line Configuration

**Step 1: Assembly** - Align the EZ Port MAX Entry section (206030PW-\*\*) with the EZ Port MAX Extension (206031PW-\*\*) and install two (2) coupler sets provided in the Port to Port Coupler Kit (301208).

## Tools required:

- Tool, Composite Coupler Installation (900005)
- EZ Dock in-water installation tool (900010)
- Hammer (rubber mallet or dead blow)
- Screwdrivers (Phillips and standard)
- Pry-bar (small and large)
- Ratchet and socket set
- 15/16" or 24mm socket

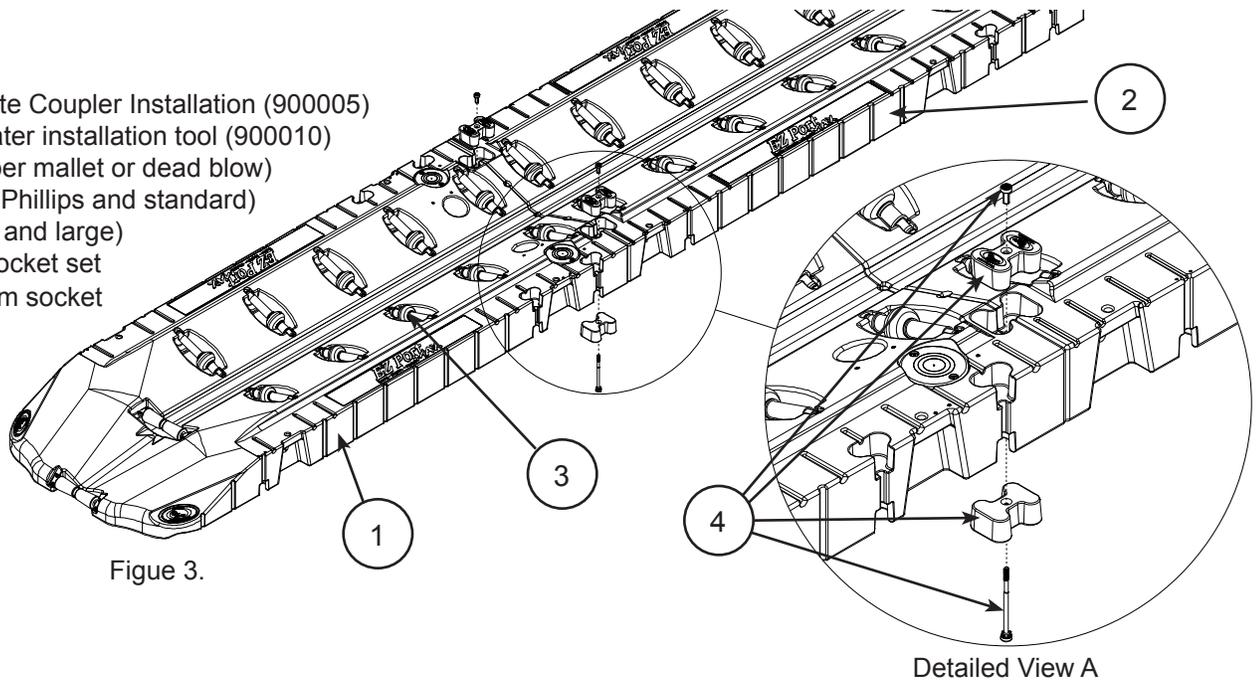


Figure 3.

Detailed View A

**Step 2: Roller Relocation** - The EZ Port MAX Extension is shipped with twelve (12) rollers (250023-OR). Four (4) rollers at the front of the extension must be removed and reinstalled at the front of the EZ Port MAX entry section (Figure 4). The rollers are easily pried out of their locations with the help of a large screw driver or pry bar. Pry out the end of the roller shaft that is on the high side of the port. After the shaft pops out of the high side pocket, the roller shaft may be slid out of the lower shaft pocket. Move these four (4) rollers to the front of the EZ Port MAX entry section, (Figure 4). To re-install the rollers, slide the roller shaft into the lower shaft pocket. Then, with the roller shaft aligned over the top shaft pocket, drive it into place by a firm blow with a rubber mallet or dead-blow hammer.



Rollers should turn freely. If necessary use a marine safe lubricant between shaft and roller to aid rotation.

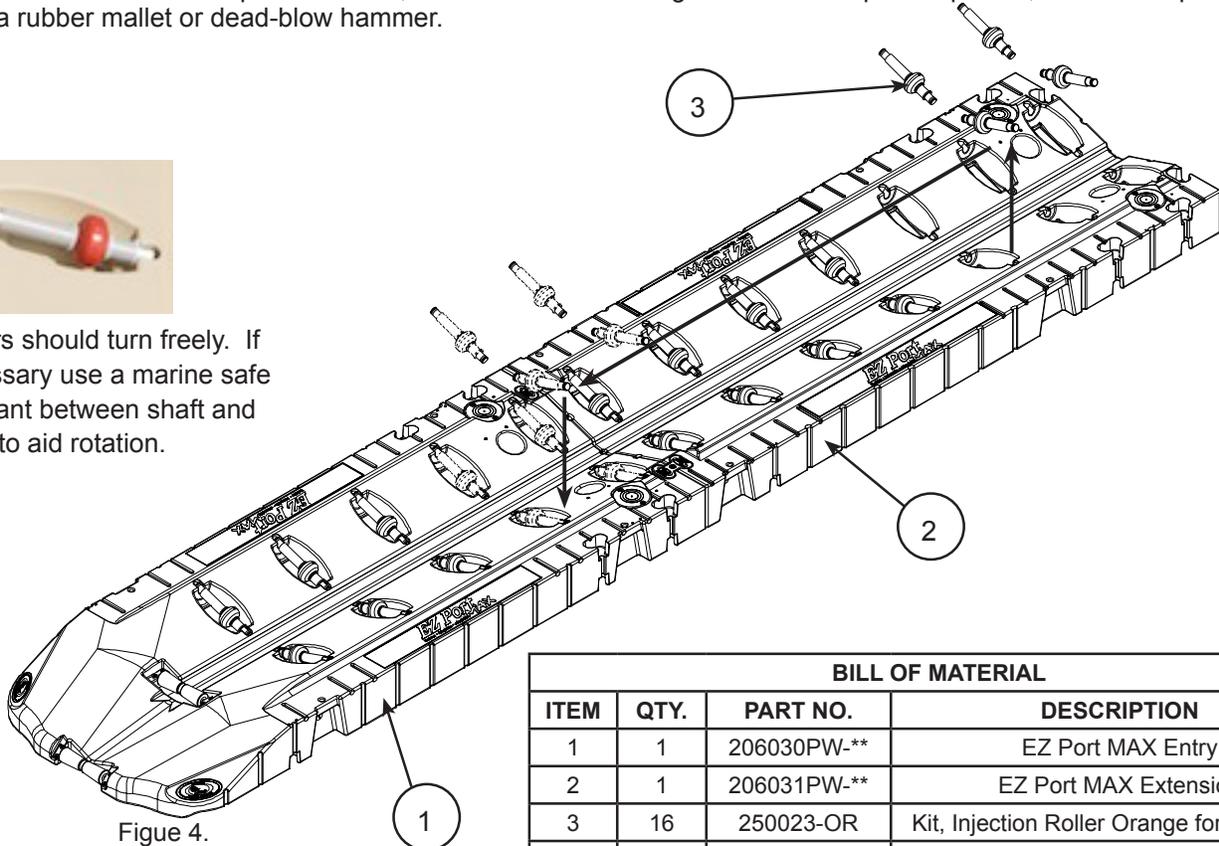


Figure 4.

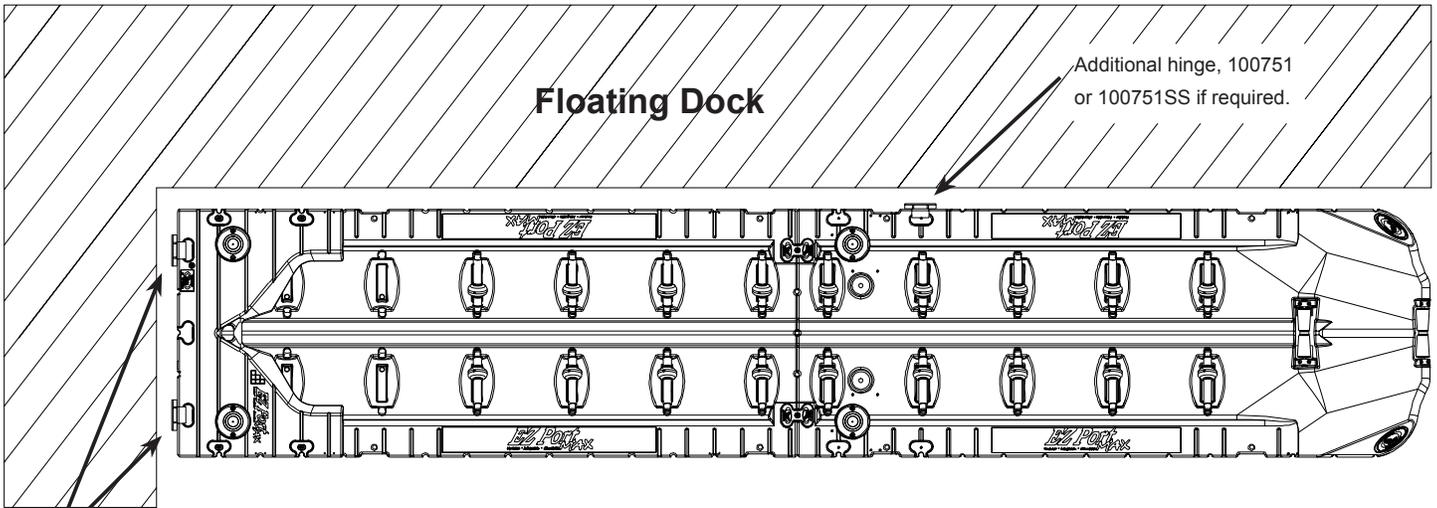
BILL OF MATERIAL			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	206030PW-**	EZ Port MAX Entry
2	1	206031PW-**	EZ Port MAX Extension
3	16	250023-OR	Kit, Injection Roller Orange for Port MAX
4	2	301208	Kit, Coupler Set (2) Pair, Port to Port

**Step 3:** Assemble a Full Bow Section at the front of the EZ Port MAX Extension. (See page 8, Figure 2 for Full Bow Section assembly instructions).

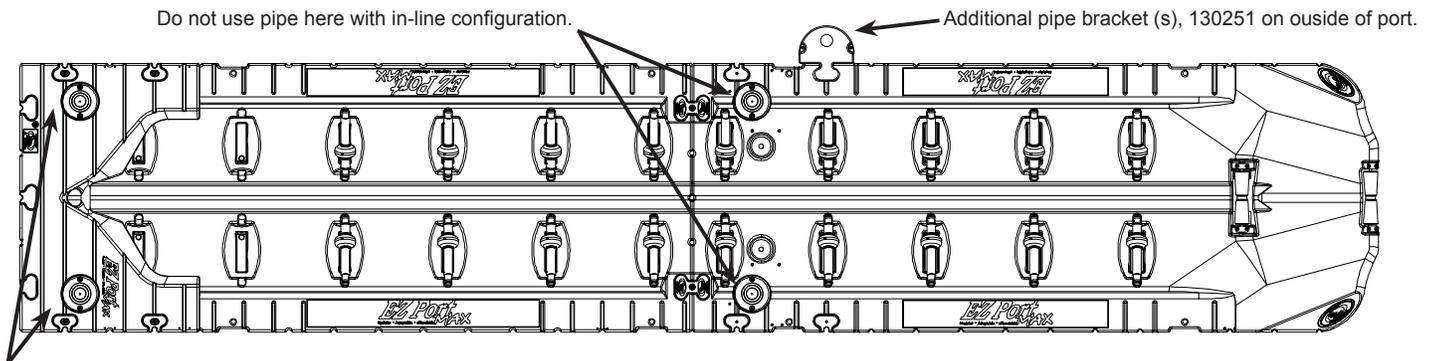
**Step 4:** The half bow section (206025BS-xx) is required for use between PWC's. The half bow section is assembled at the front of the entry section as a removable stop between the PWC's (refer to Page 8, Figure 1). The half bow section is tethered using a nylon tether (Item 3) and two (2) bolts (Item 2). When used on an in-line port application Item 2 and Item 3 are required and the four (4) bolts (Item 4) are omitted.



**Step 5: Installation -** For Installation/Attachment of the assembled in-line EZ Port MAX Entry + Extension please see below and refer to the Installation/Attachment Section, pages 8 - 18.



Hinge kit (see Section 5, 6) used to anchor to a floating dock. Add hinge kit to entry section if additional stability is required.



When anchoring the Port MAX in the in-line configuration with pipe (Section 1.), only use the integrated pipe bracket locations at the front of the EZ Port Extension. If additional stability is required, a pipe bracket(s) may be added to the outside of the entry section.

## 2. Assembly of EZ Port MAX Easy-Lift Entry - 206033EX-\*\*

Align the EZ Port MAX Easy-Lift Entry (206033EX-\*\*) to an EZ Dock Port MAX Extension (206031PW-\*\*) and couple together using two (2) EZ Dock Port to Port Coupler Kits (301208).

NOTE: The EZ Port MAX Extension and EZ Port MAX Easy-Lift Entry must be sitting level on the water and at the same elevation for the coupler to properly seat into the bottom pocket. This may require a counter balance weight toward the entry end of the EZ Port MAX Easy-Lift Entry to offset the weight of the installer who is standing at the seam between the EZ Port MAX Extension and the EZ Port MAX Easy-Lift Entry.

**Warning:** No walking surface on angled surface of EZ Port MAX Entry Extension!

### Tools required:

- EZ Dock In-Water Installation Tool (900010)
- Ratchet and socket set
- Composite Coupler Installation Tool (900005)
- Screwdrivers (Phillips and standard)
- 15/16" or 24mm socket
- Pry-bar (small and large)
- Hammer

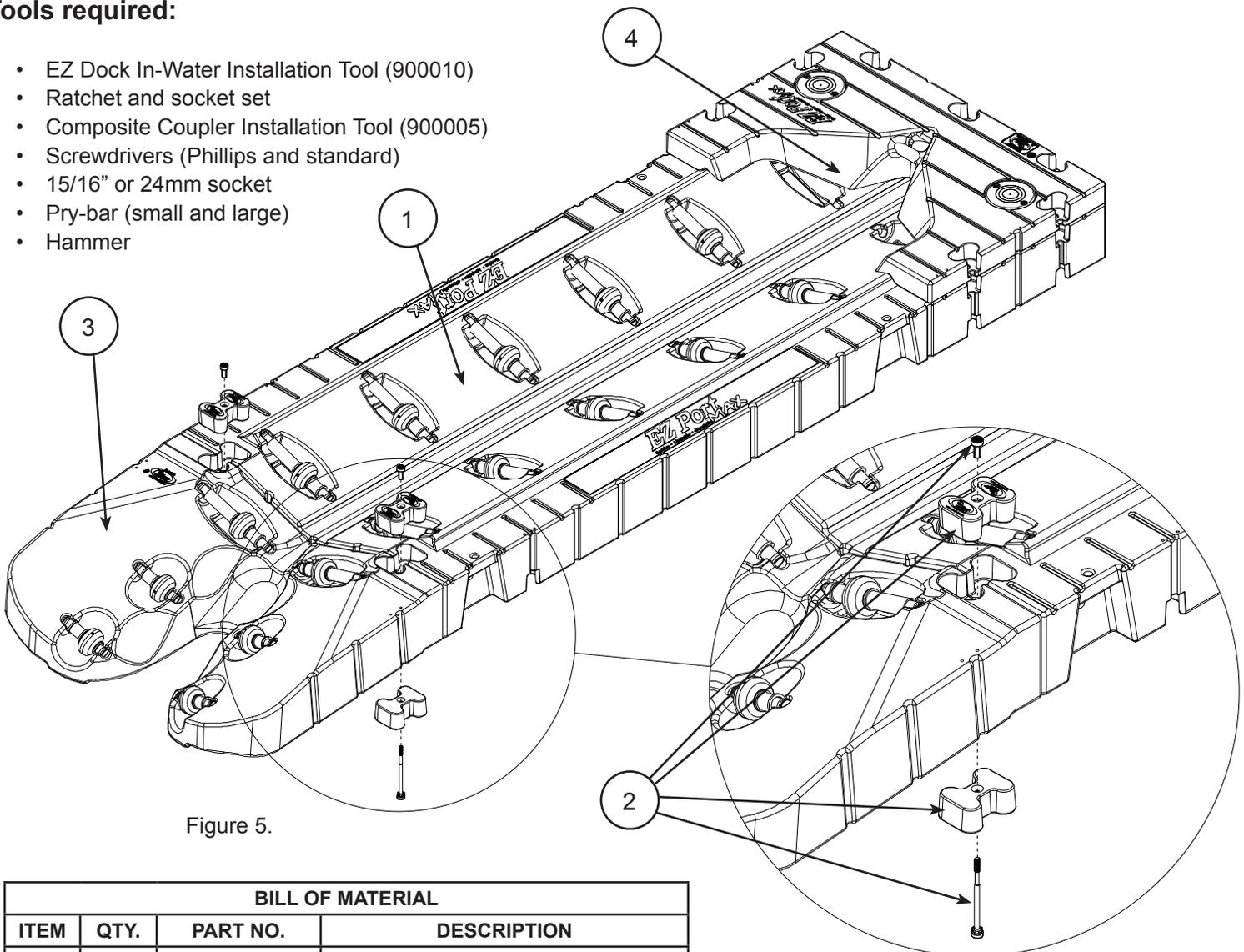


Figure 5.

Detailed View B

BILL OF MATERIAL			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	206031PW-**	EZ Port MAX Extension
2	2	301208	Port to Port Coupler Set
3	1	206033EX-**	EZ Port MAX Easy-Lift Entry
4	1	206025BS-**	Bow Section Full for EZ Port MAX

**NOTE:** Testing has also shown that some watercrafts and user preference resulted to water ballasting the entry (206033EX-\*\*) with water (see EZ Launch Owners Manual). This is done by simply filling the entry with water to the desire level. This allows the watercraft an easier entry and even a more stable platform.

### 3. EZ Dock System Installation

The EZ Port MAX mounts to existing or new EZ Dock installations using standard EZ Dock couplers. In order to attach the EZ Port MAX to an EZ Dock system, the Full Bow section (206025BS-\*\*) **MUST** be used, (Figure 6) or use the EZ Port MAX Integrated Bow Section (206032PW-\*\*).

#### Tools required:

- EZ Dock In-Water Installation Tool (900010)
- Ratchet and socket set
- Composite Coupler Installation Tool (900005)
- Screwdrivers (Phillips and standard)
- 15/16" or 24mm socket
- Pry-bar (small and large)
- Hammer

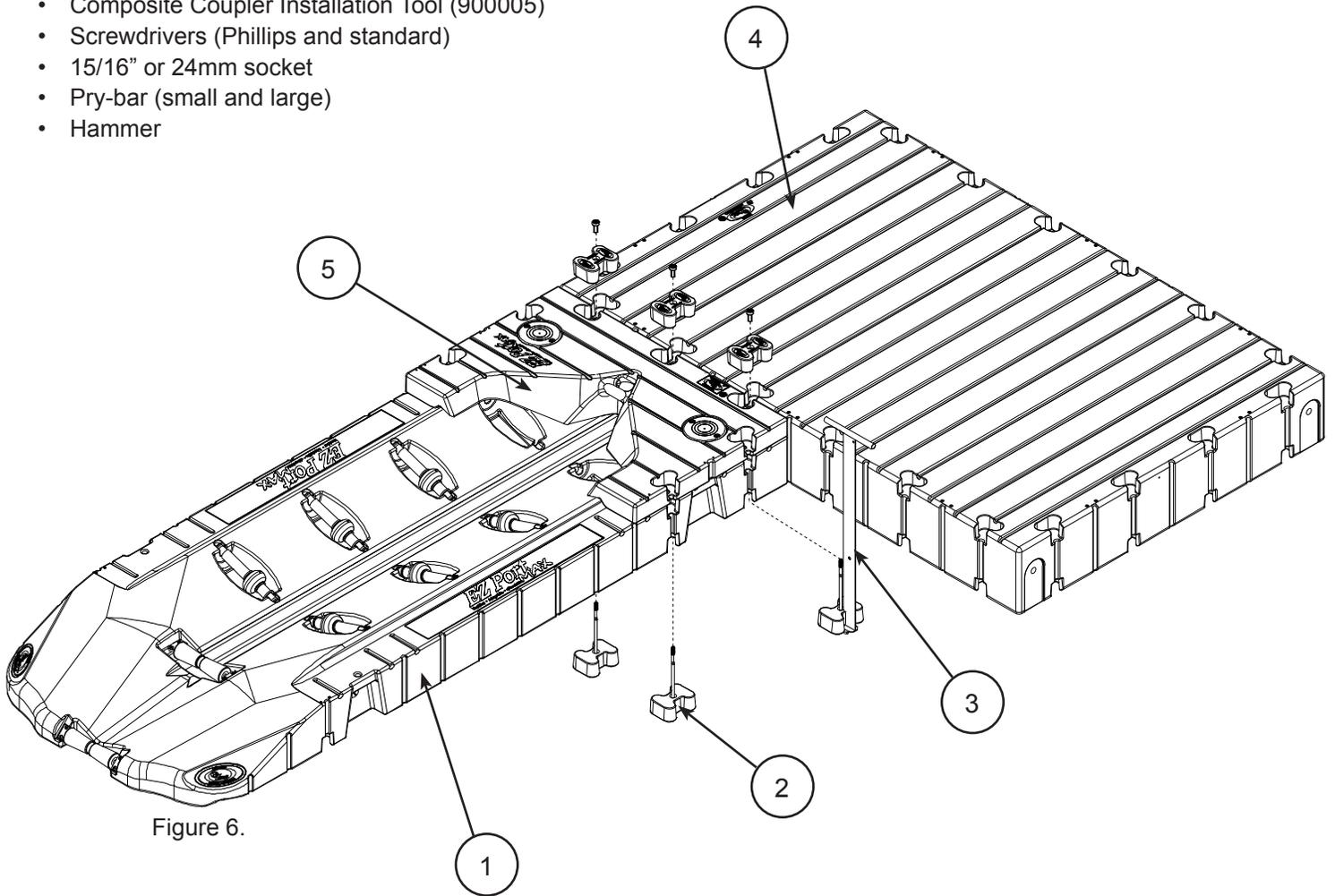


Figure 6.

BILL OF MATERIAL			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	206030PW-**	EZ Port MAX Entry
2	3	301100	Coupler Set
3	1	9000010	In-Water Installation Tool
4	1	208010	80" x 10' Dock Section
5	1	206025BS-**	Bow Section Full for EZ Port MAX

## Coupler Installation for EZ Dock Attachment

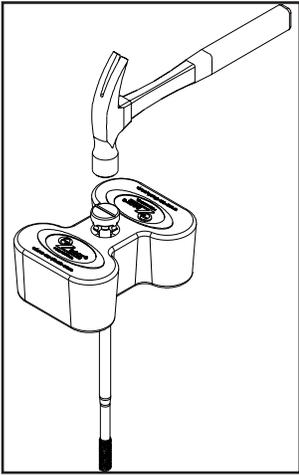


Figure 7.

Insert the composite coupler bolt into coupler. Align the index mark on the head of the bolt so that the splines line up into the notched pockets in the coupler. Using a hammer to seat the bolt into the coupler, (Figure 7).

Install coupler with seated bolt on the in-water installation tool, (Figure 8).

Align dock sections so coupler pockets are adjacent to each other (Figure 6). Next, using the in-water installation tool insert the coupler and bolt assembly into the bottom pocket with the bolt pointing upward, (Figure 6). Pull up on the in-water installation tool to seat the bottom coupler. (NOTE: The EZ Dock and EZ Port MAX must be setting level on the water and at the same elevation for the coupler to properly seat into the bottom pocket. This may require a counter balance weight toward the entry end of the EZ Port MAX to offset the weight of the installer who is standing at the seam between the EZ Port MAX and the EZ Dock). The coupler is fully seated in its pocket when the indicator hole on the in-water installation tool (Figure 9) is flush with the top of the dock (you should be able to insert a screwdriver through the indicator hole). While holding pressure, insert the top coupler into the opposing pocket by aligning the hole in the top coupler over the rod and pushing the coupler into the pocket, (Figure 9).

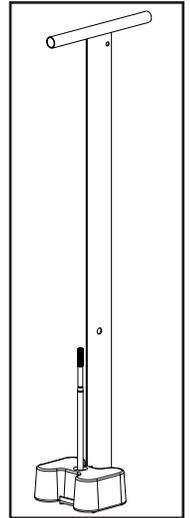


Figure 8.

Install the coupler nut onto the bolt and tighten until the top of the bolt is 3/8 -1/2" below the top of the nut (do not torque over 15 ft-lb). Due to the security feature on the coupler nut, the coupler installation tool is required for tightening. The coupler installation tool is splined on the end to be inserted into the coupler nut and the other end is a 15/16" bolt. This is inserted into a 15/16" socket with ratchet for tightening (Figure 10).

**DO NOT OVER TIGHTEN THE COUPLER NUT! (Do not torque over 15 ft-lb)**

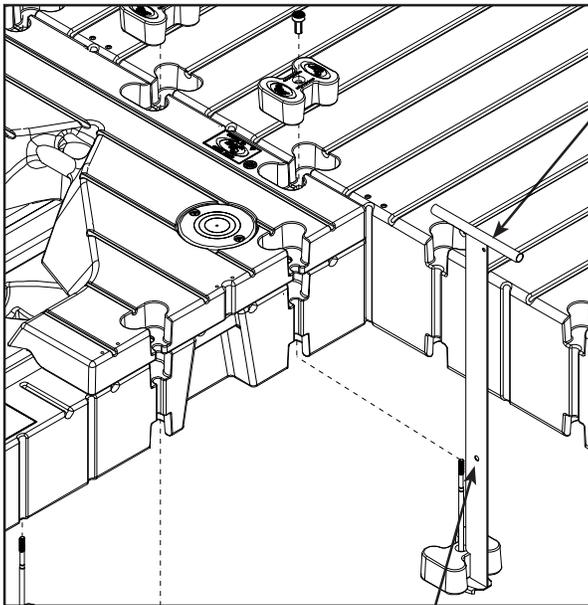


Figure 9.

Indicator Hole

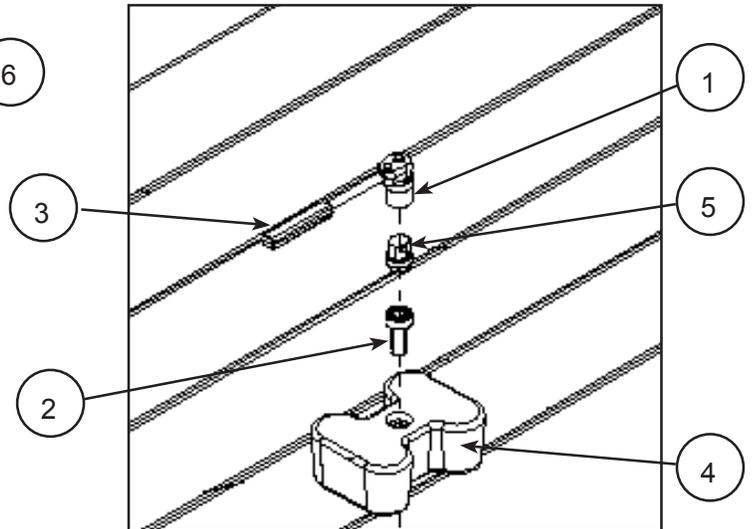


Figure 10.

BILL OF MATERIAL			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1		15/16" Socket
2	3	22003	EZ Dock Coupler Nut
3	1		Ratchet
4	6	311010	Coupler
5	1	900005	Composite Coupler Installation Tool
6	1	9000010	In-Water Installation Tool

## 4. Installation of EZ Port MAX with Integrated Pipe Brackets (Stand-alone Installation)

When using pipes to secure your new EZ Port MAX, they must be sufficiently embedded (driven or augered) into the lake-, river, or ocean-bed to a minimum depth of 1/3 the water depth. The actual embedment required will vary depending on the bottom soil conditions.

Your EZ Port MAX Port comes equipped with pipe mounting holes. These holes are capped when not in use (see Detailed View C) and act as wear sleeves. A hole must be created in the center of the cap to accommodate the pipe and pipe wear sleeve, (Figure 13).

The EZ Port MAX (shown below in Figure 11) is designed to use 3.0" schedule 40 galvanized pipe with an outside diameter of 3.5" sleeved with 4.0" schedule 40 PVC pipe to act as a wear sleeve.

### Tools required:

- Drill
- 1/2" drill bit
- Large pipe wrench
- Ratchet and socket set
- Screwdrivers (Phillips and standard)
- 3/4" or 19mm socket
- 3/4" or 19mm wrench
- Hole saw
- Utility knife
- Post level
- Hammer
- Tape Measure

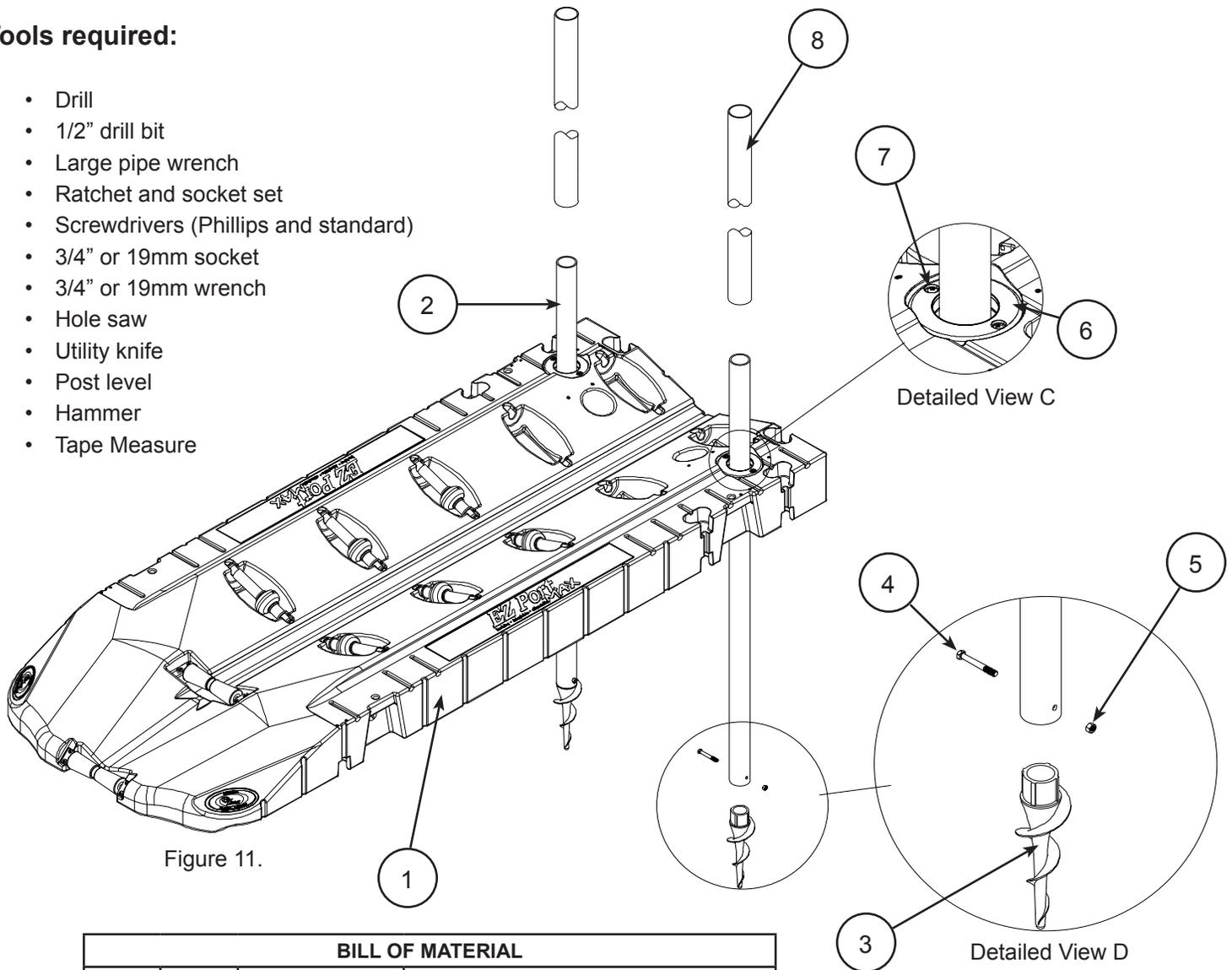


Figure 11.

BILL OF MATERIAL			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	206030PW-**	EZ Port MAX Entry
2	2		3" Schedule 40 Galvanized Pipe
3	2	10355	Auger Kit 3.5"
4	2	80124	Bolt 1/2"-13 x 4" Hex. HD GRD 5 ZP
5	2	80119YZ	Nut 1/2" Hex. YZ
6	2	S20614**	Pipe Bracket Sleeve Cover
7	4	80514SS	Bolt 5/16"-18 1 1/4" Truss HD 18-8 SS
8	2		4" PVC Pipe

Remove the pipe caps (Figure 12) and cut 4 1/2" holes in them (holes can be drilled with 4 1/2" hole saw (Figure 13), cut with a utility knife, or other plastic cutting tool). Re-install the caps on the EZ Port MAX.

Locate the EZ Port MAX where you want it to be installed and insert the 3 1/2" galvanized pipes through the pipe holes. Install the pipe by sufficiently embedding it into the bottom by either driving/pounding or augering (See figure 14 below). Be sure to keep the pipe plumb so that the EZ Port MAX will float freely.

The 4" PVC sleeve is installed by sliding the 4" PVC pipes over the 3 1/2" galvanized pipes. (A more finished look can be obtained by putting a PVC cap on the top)

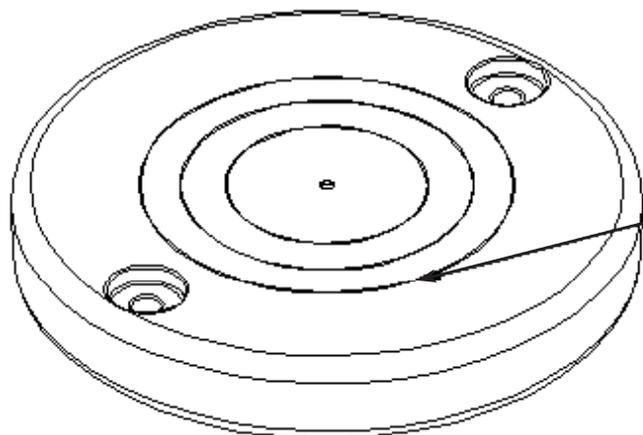


Figure 12.

Cut here for 3 1/2" pipe sleeved with 4" PVC pipe.

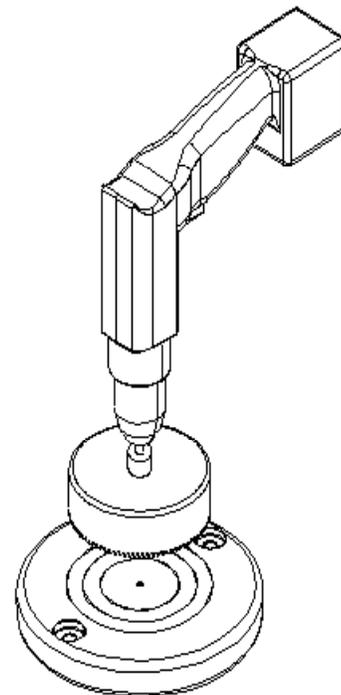


Figure 13.

For ease of installation, it is recommended to use pipe augers, except in rocky or shale bottoms. Augers allow the pipe to be turned into the lake, river, or ocean-bed like a cork screw by using a pipe wrench, or by drilling a hole in the pipe and using a T-handle, (Figure 14). If a hole is drilled in the pipe, (Figure 14) then the hole must be removed by cutting the top of the pipe below the hole or installing a PVC sleeve over the pipe, (Figure 11).

**Tools required:**

- Drill
- Drill bit
- Ratchet
- 3/4" or 19mm socket
- 3/4" or 19mm wrench

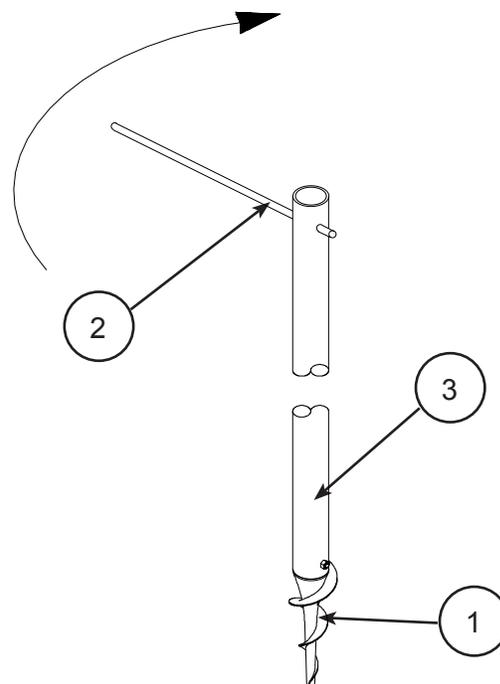


Figure 14.

BILL OF MATERIAL			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	100355	Kit Auger for 3 1/2" Pipe
2	1		T Handle
3	1		3" Schedule 40 Galvanized Pipe

## 5. Installation of EZ Port MAX with Small Bow Section to a Floating Dock using Hinge Kit 100751 & 100751SS

The 100751 or 100751SS hinge kit is required when anchoring an EZ Port MAX (206030PW-\*\*) with half bow section (206027BS-\*\*). The half bow section should be attached to the EZ Port MAX with the screws provided prior to installation, (See Page 7 Figure 1 for bow section installation instructions).

1. Measure the freeboard of the fascia of the floating dock where the connection will be made.
2. Determine the best position for the hinge adapter plate. The plate can be above (Figure 15), perpendicular (Figure 17), or directly in front of the hinge adapter bracket, (Figure 16).
3. No additional weight should be on the port while measuring hinge adapter plate location.
4. When attaching to a wooden structure, use carriage bolts (not included) to attach the adapter plate. If attaching to a steel or aluminum structure, it may be necessary to first attach a 2" X 8" (5cm X 20cm) wooden fascia (not included).
5. When attaching to a concrete floating dock, concrete anchor bolts (not included) may be required.
6. When the adapter hinge plate is securely in place, float the EZ Port MAX into position and secure the hinge pins.

### Tools required:

- Drill
- Drill bits
- Ratchet and socket set
- Screwdrivers (Phillips and standard)
- Open-end, boxed-end wrench set
- 15/16" or 24mm socket
- Pry-bar (small and large)
- Tape measure
- Hammer
- Pliers

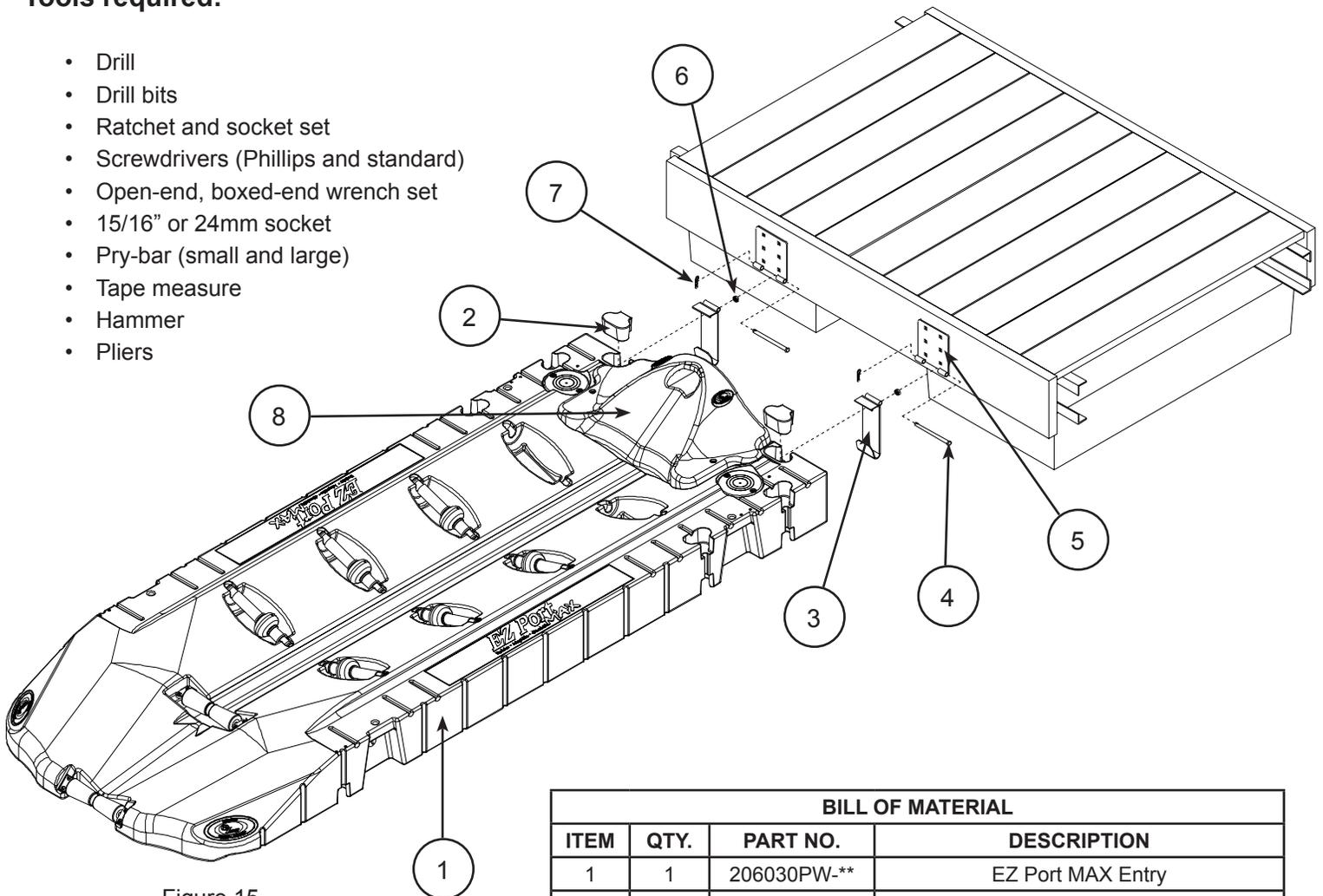


Figure 15.

BILL OF MATERIAL			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	206030PW-**	EZ Port MAX Entry
2	2	S21140SS	Connector Hardware w/ SS
3	2	S10751GV	Floating Dock Adapter, Hinge to Port MAX
4	2	S80968SS	Hinge Pin SS for Floating Dock Adapter
5	2	S10712GV	Hinge Dock Adapter Plate - Hot Dip Galv.
6	2	80580SS	Nut 5/8"-11 Self Locking 18-8 SS
7	2	80011	Clip Hitch Pin #11, EZ Dock
8	1	206027BS-**	Bow Section, Half F/ Port MAX

The hinge dock adapter plate, (Item 5), may be installed with the hinge point on the top as shown, (Figure 16). All other installation is the same as on previous page.

**Tools required:**

- Drill
- Drill bits
- Ratchet and socket set
- Screwdrivers (Phillips and standard)
- 15/16" or 24mm socket
- Pry-bar (small and large)
- Hammer
- Pliers
- Tape measure
- Open-end, boxed-end wrench set

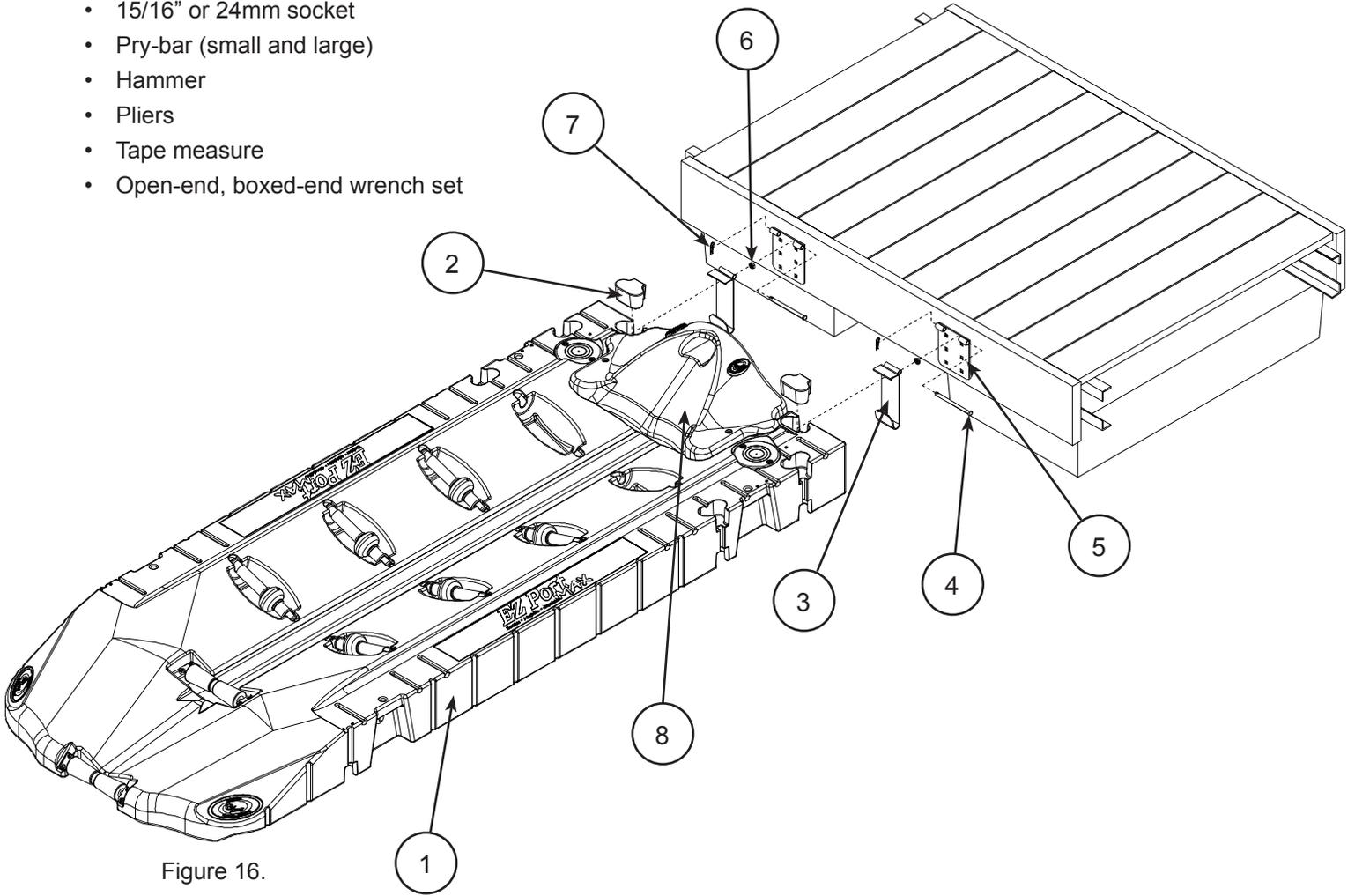


Figure 16.

BILL OF MATERIAL			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	206030PW-**	EZ Port MAX Entry
2	2	S21140SS	Connector Hardware w/ SS
3	2	S10751GV	Floating Dock Adapter, Hinge to Port MAX
4	2	S80968SS	Hinge Pin SS for Floating Dock Adapter
5	2	S10712GV	Hinge Dock Adapter Plate - Hot Dip Galv.
6	2	80580SS	Nut 5/8"-11 Self Locking 18-8 SS
7	2	80011	Clip Hitch Pin #11, EZ Dock
8	1	206027BS-**	Bow Section, Half F/ Port MAX

## 6. Installation of EZ Port MAX with Full Bow Section to a Floating Dock using Hinge Kit 100750 & 100750SS

The 100750 or 100750SS hinge kit is required when anchoring a EZ Port MAX Entry (206030PW-\*\*) with Full Bow Section (206025BS-\*\*), (Figure 17) or the EZ Port MAX Integrated Bow (206032PW-\*\*). The full bow section must be attached to the EZ Port MAX with the screws provided prior to the installation, (See Page 8 Figure 2 for bow section installation instructions).

1. Measure the freeboard of the fascia of the floating dock where the connection will be made.
2. Determine the best position for the hinge adapter plate. The plate can be above (Figure 15), perpendicular (Figure 16), or directly in front of the hinge adapter bracket, (Figure 17).
3. No additional weight should be on the port while measuring hinge adapter plate location.
4. When attaching to a wooden structure, use carriage bolts (not included) to attach the adapter plate. If attaching to a steel or aluminum structure, it may be necessary to first attach a 2" X 8" (5cm X 20cm) wooden fascia (not included).
5. When attaching to a concrete floating dock, concrete anchor bolts (not included) may be required.
6. When the adapter hinge plate is securely in place, float the EZ Port MAX into position and secure the hinge pins.

### Tools required:

- Drill
- Drill bits
- Ratchet and socket set
- Screwdrivers (Phillips and standard)
- Open-end, boxed-end wrench set
- 15/16" or 24mm socket
- Pry-bar (small and large)
- Tape measure
- Hammer
- Pliers

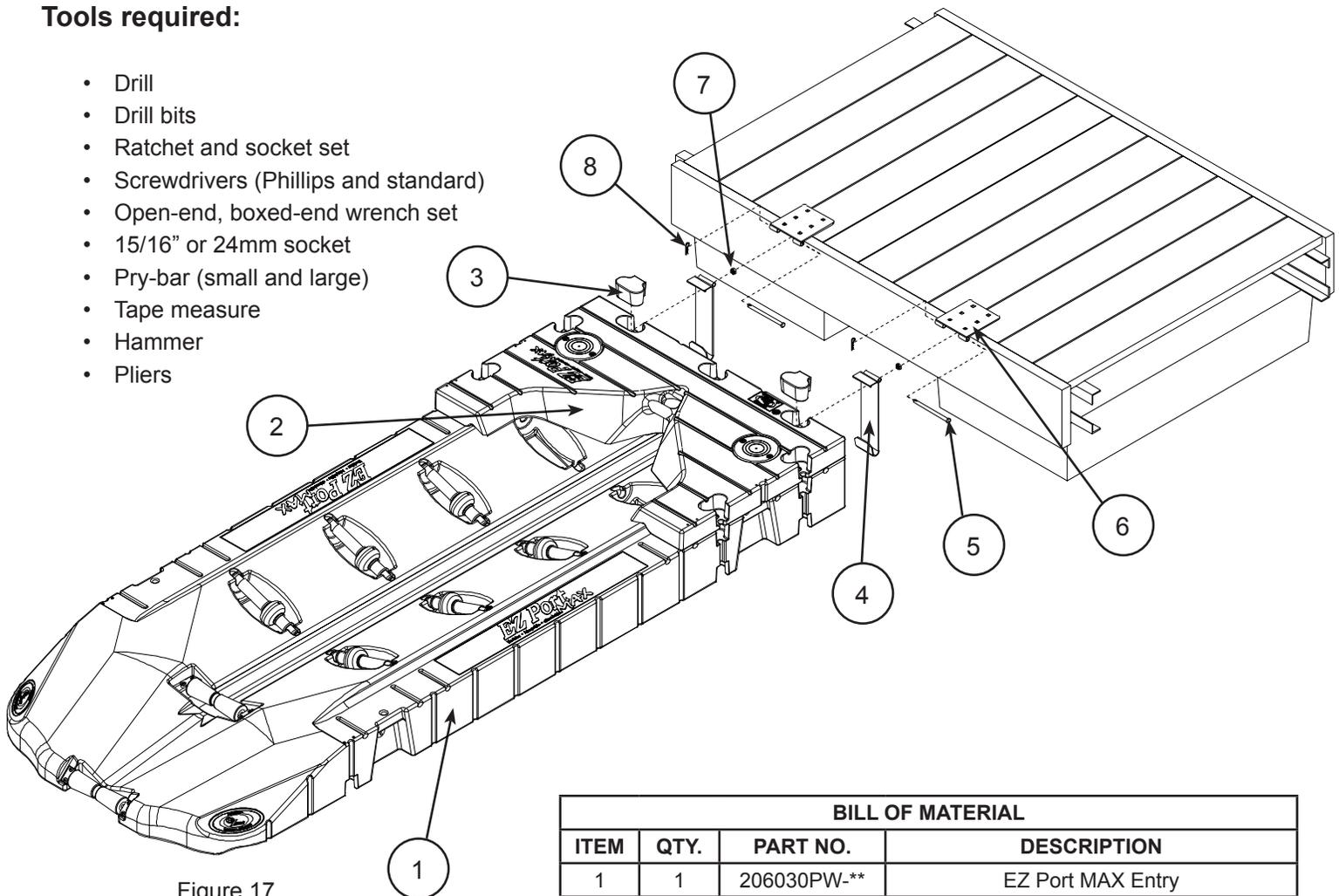


Figure 17.

### BILL OF MATERIAL

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	206030PW-**	EZ Port MAX Entry
2	1	206025BS-**	Bow Section Full Port MAX
3	2	S21140SS	Connector Hardware w/ SS
4	2	S10713GV	Floating Dock Adapter, Hinge to Float Galv
5	2	S80968SS	Hinge Pin SS for Floating Dock Adapter
6	2	S10712GV	Hinge Dock Adapter Plate - Hot Dip Galv.
7	2	80580SS	Nut 5/8"-11 Self Locking 18-8 SS
8	2	80011	Clip Hitch Pin #11, EZ Dock

## Porting Instructions



### #1 Idle Up to the EZ Port MAX entry

Idle the nose of the watercraft to the stern roller of the EZ Port MAX entry. Come to a complete stop and allow the watercraft to center itself with the keel in-line with the center of the rollers.

**IT IS NOT RECOMMENDED OR NECESSARY TO BUILD UP MOMENTUM TO DOCK ON THE EZ PORT MAX.**



### #2 Ease into the Throttle

Once the watercraft is in-line with the rollers, simply ease into the throttle and allow the machine to roll forward into the proper position.

There is a learning curve with this technique and it may take you several attempts to get the watercraft into the proper position.

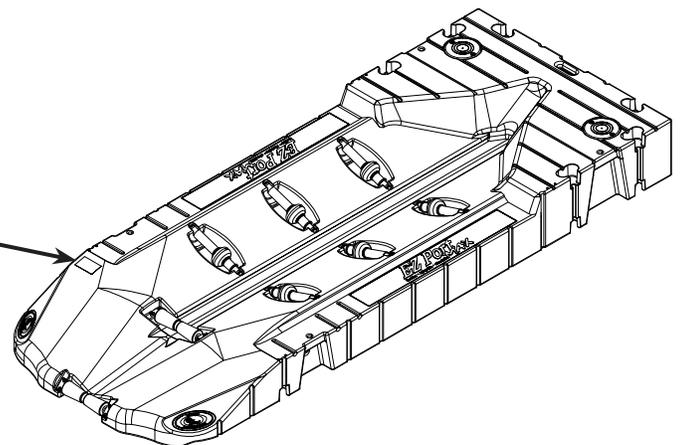


### #3 Roll Aboard

When docking is complete, your watercraft should be all the way out of the water and stable on the port. The watercraft should be secured to the port when not in use.

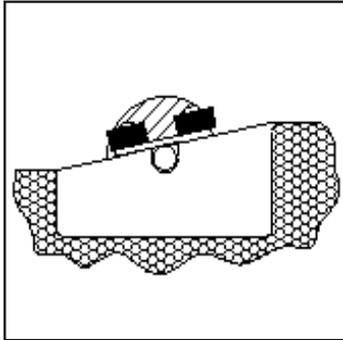
The EZ Port MAX is a simple drive-on, push-off method of dry docking your PWC. The self floating EZ Port MAX moves with the changing water levels and protects your watercraft from wind, wave, or other environmental conditions. The EZ Port MAX comes from the factory with an adjustable roller in its recommended position. However, you still may need to make minor roller adjustments. It is very important to ensure that the watercraft enters the port and disembarks with the weight distributed on the rollers and not rubbing on the polyethylene port walls. The roller should be adjusted accordingly to get optimum results. Launching your watercraft should also be effortless and one person should be able to shove the watercraft back into the water. If your watercraft is difficult to launch, seek help and contact your local dealer for roller set-up. Do not try to launch a "stuck" PWC by yourself.

DOCKING INSTRUCTIONS	INSTRUCTIONS D'ACCOSTAGE	INSTRUCCIONES PARA ATRACAR UNA EMBARCACIÓN PERSONAL
1. DO NOT ATTEMPT TO DOCK PWC WHEN PEOPLE OR PETS ARE ON THE PWC PORT.	1. NE PAS TENTER D'ACCOSTER LA MOTOMARINE S'IL Y A DES PERSONNES OU DES ANIMAUX SUR LE QUAI.	1. NO INTENTE ATRACAR LA EMBARCACIÓN CUANDO HAYA PERSONAS O ANIMALES EN EL PUERTO.
2. DOCK AT IDLE SPEED ONLY.	2. TOUJOURS ACCOSTER AU RALENTI.	2. ATRAQUE SÓLO A VELOCIDAD DE MARCHA EN VACÍO.
3. STEER AND CENTER PWC NOSE OVER STERN ROLLER.	3. DIRIGER ET CENTRER LE NEZ DE LA MOTOMARINE SUR LE TAMBOUR ARRIÈRE.	3. GUIE LA EMBARCACIÓN Y CENTRE LA PROA SOBRE EL RODILLO DE LA POPA.
4. APPLY THROTTLE LIGHTLY AND GRADUALLY UNTIL PWC RIDES UP OVER ROLLER AND ON TO PORT.	4. METTRE LES GAZ LÉGÈREMENT ET GRADUELLEMENT JUSQU'À CE QUE LA MOTOMARINE FRANCHISSE LE TAMBOUR ET ATTEIGNE LE QUAI.	4. APLIQUE EL ACELERADOR LEVEMENTE Y EN FORMA GRADUAL HASTA QUE LA EMBARCACIÓN SE SUBA SOBRE EL RODILLO Y ATRAQUE EN EL PUERTO.
5. SHUT OFF ENGINE.	5. COUPER LE MOTEUR.	5. APAGUE EL MOTOR.



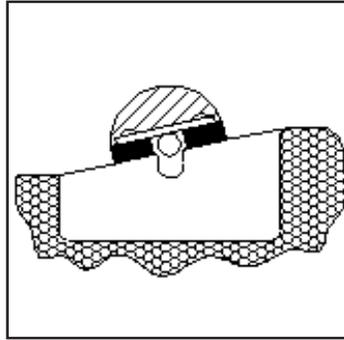
## Keel Roller Adjustment for EZ Port MAX

The EZ Port MAX comes from the factory with one adjustable roller. The roller is factory installed in Position 2. It may be necessary to adjust the roller on your new EZ Port MAX. Your EZ Port MAX can be adjusted to fit most personal watercraft (PWC). The roller can be placed in any one of four positions. The illustrations below show each of the four positions. A roller placed too high or too low may cause difficulty in docking and launching your PWC. This process may take several adjustments before getting the correct position for your PWC model. Your EZ Port MAX is designed to make launching and docking fast, fun, and easy.



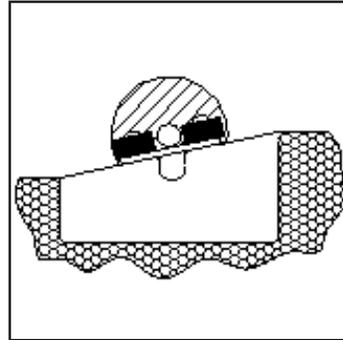
**Position 1**

- A. Axle plate up.
- B. Spacers above plate.



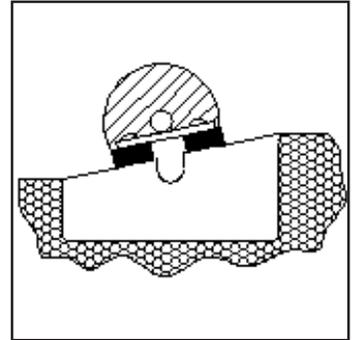
**Position 2 (Default)**

- A. Axle plate up.
- B. Spacers below plate.



**Position 3**

- A. Axle plate down.
- B. Spacers above plate.



**Position 4**

- A. Axle plate down.
- B. Spacers below plate.

### Tools required:

- Phillips Screwdriver

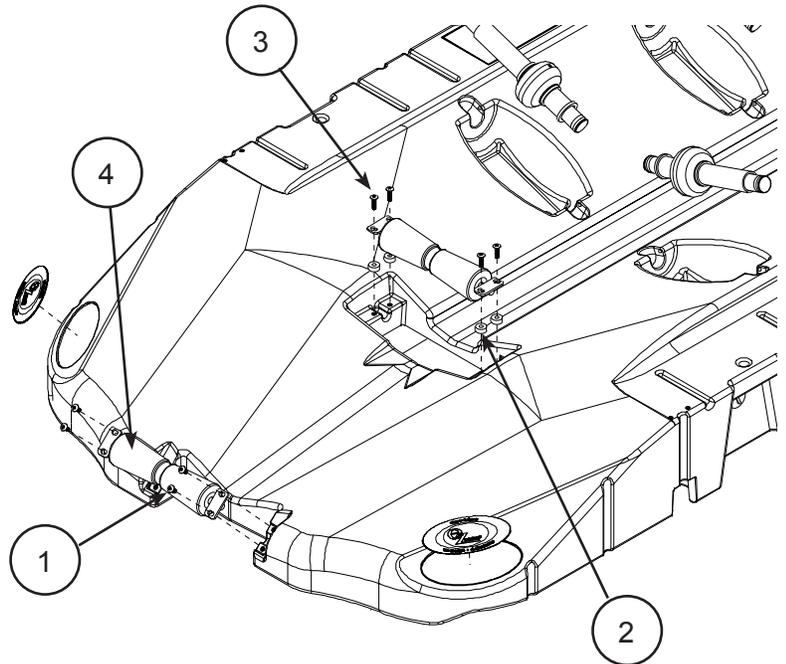
### Procedure:

Loosen 4 screws, (Item 3), and remove.

For Position 1, remove roller (Item 4) and spacers (Item 2). Replace roller as shown in illustration above. Place spacers on top of axle plate as shown. Install screws and tighten.

For Position 3, remove roller (Item 4) and spacers (Item 2). Replace roller as shown in illustration above. Place spacers on top of axle plate as shown. Install screws and tighten.

For Position 4, remove roller (Item 4). Replace roller as shown in illustration above with spacers (Item 2) below plate. Install screws and tighten.



BILL OF MATERIAL			
ITEM	QTY.	PART NO.	DESCRIPTION
1	4	80575SS	Bolt 5/16"-18 x 3/4" Truss HD 18-8 SS
2	4	S32050	Spacer 1" OD x 3/8" ID Black Polyethylene
3	4	80514SS	Bolt 5/16"-18 x 1 1/4" Truss HD 18-8 SS
4	2	M25012	Keel Roller Assembly 12"

## Accessories - Rubber Mats S211010-\*\*\*\*

Rubber mats are available for the Port MAX. These mats are used in pairs and can be applied to the Port MAX entry section (206030PW-\*\*), the Port MAX extension (206031PW-\*\*) and the Port MAX Integrated Bow section (206032PW-\*\*). These rubber mats are available in the following color combinations:

- S211010-BEBK - Beige on Black
- S211010-BEBL - Beige on Blue
- S211010-BLBE - Blue on Beige
- S211010-BLBK - Blue on Black
- S211010-SLBK - Silver on Black

1. Thoroughly clean the area. Be sure to remove any mold release, dirt, oil, etc. from the port. A glass cleaner used with a scotch-bright pad works well. Use a lint free rag to dry the area. Make certain the port is completely dry before applying mats.
2. Position the mat on the port in the proper position. Use masking tape to hold in place.
3. Peel back paper on one corner of the pad. Peel only a small amount at a time to reduce stretching the pad.
4. Lightly stick corner of pad to the port. Check pad fit and adjust if necessary. Press firmly in place.
5. Slowly remove the rest of the paper backing. Continue to adhere pad as you remove backing.
6. Press firmly as you go to prevent air bubbles.
7. Use a pin or tack to puncture any air bubbles and alleviate any air that may be trapped.

### Tools required:

- Glass cleaner
- Scotch-bright pad
- Lint free rag
- Masking tape
- Tape measure
- Pin or tack

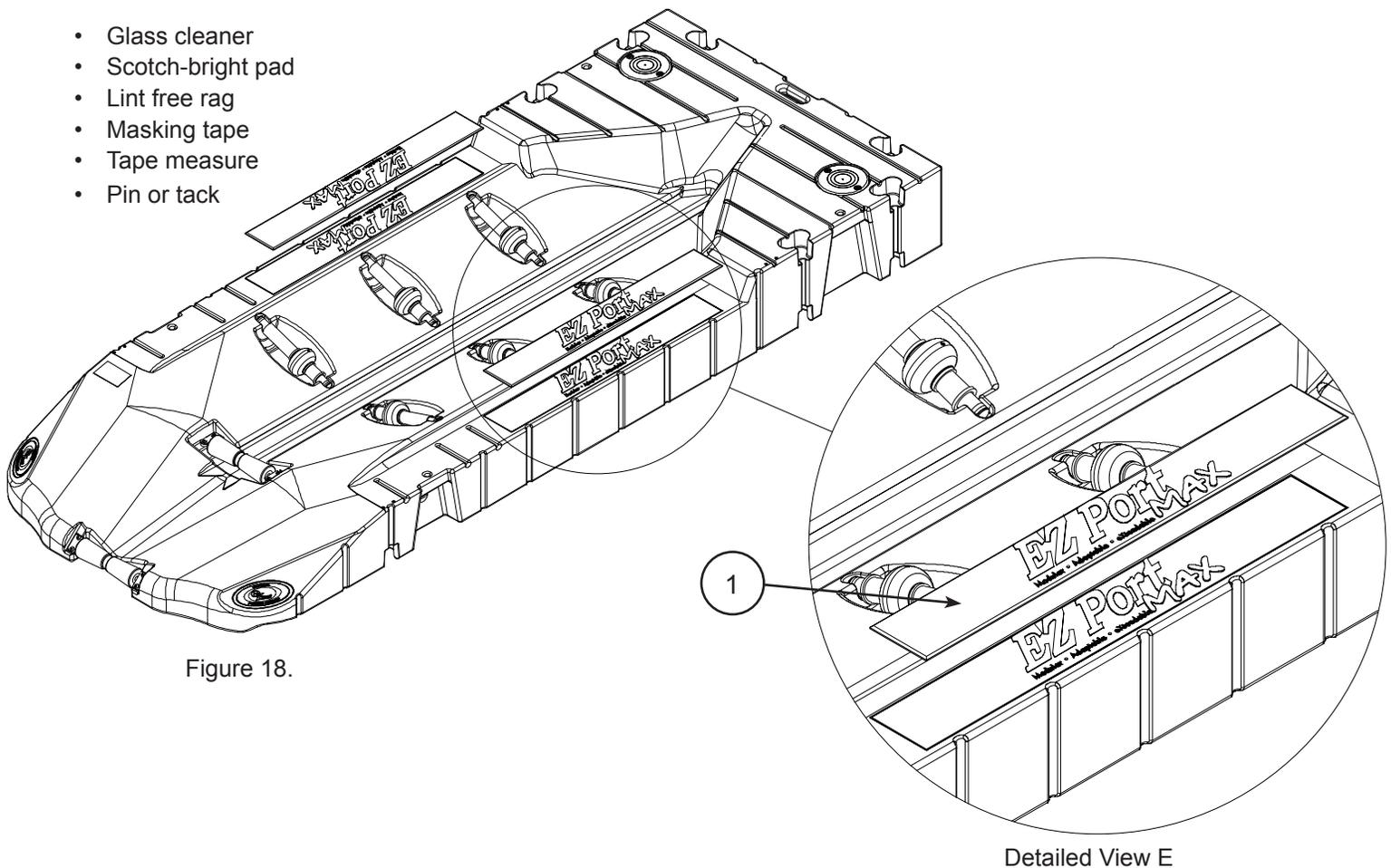


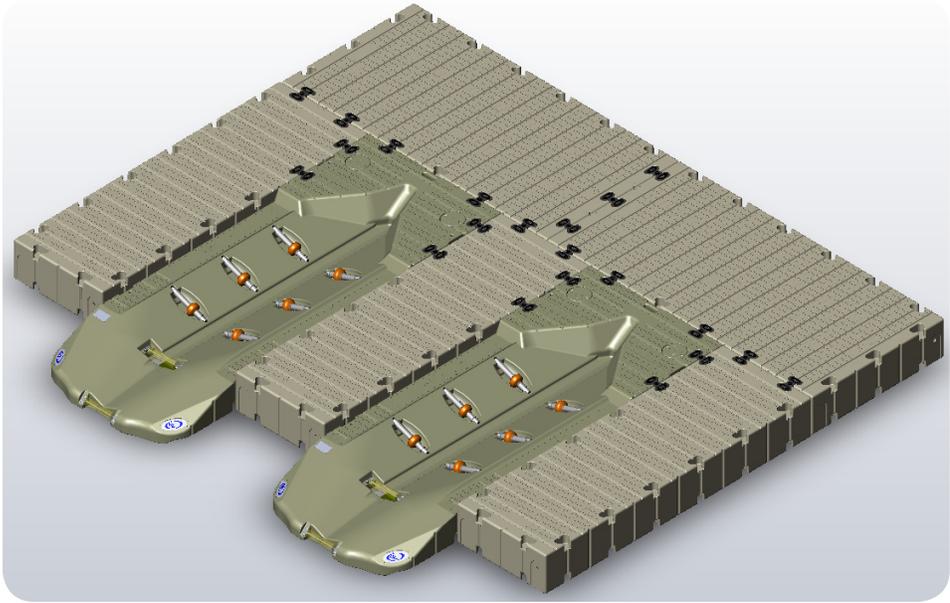
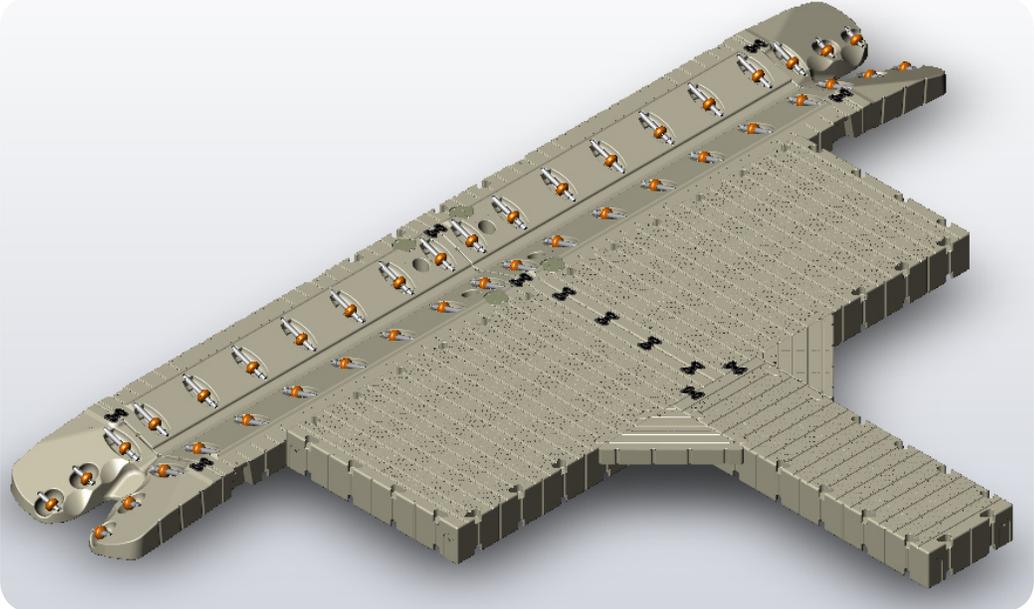
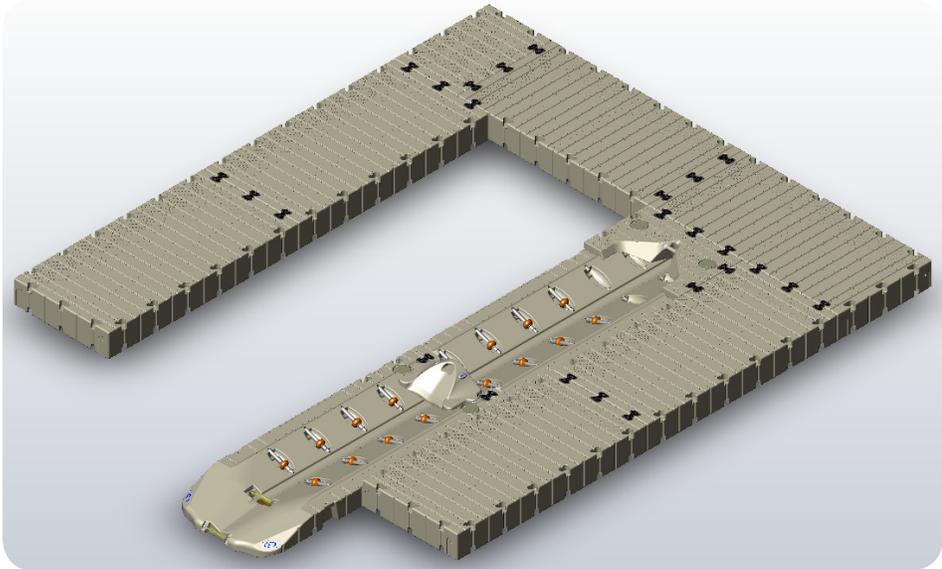
Figure 18.

Detailed View E

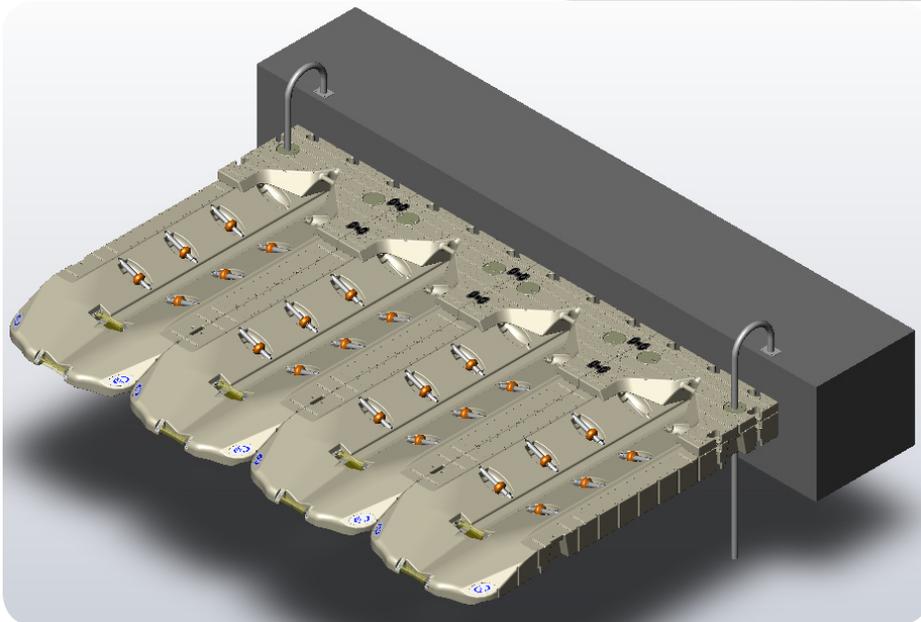
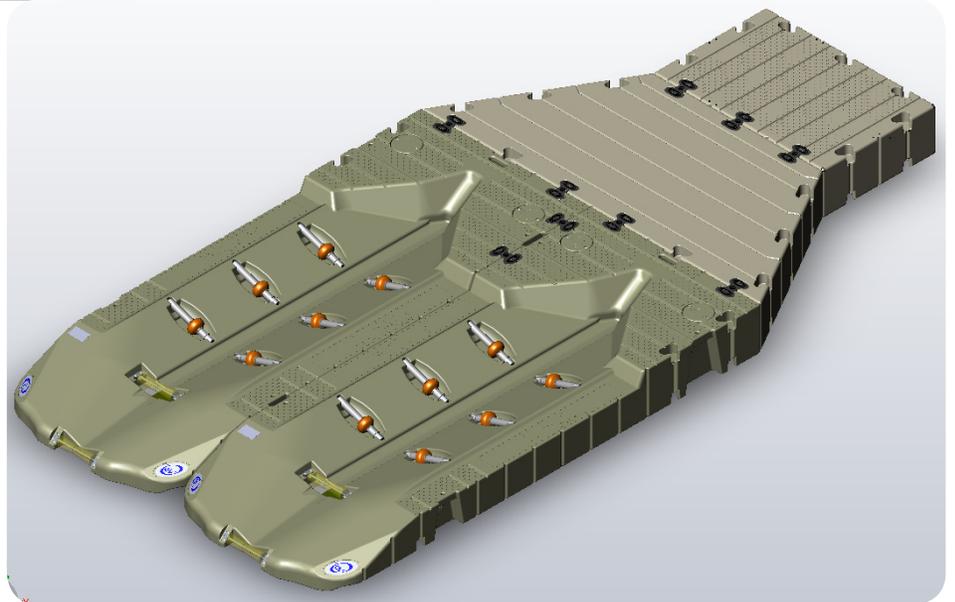
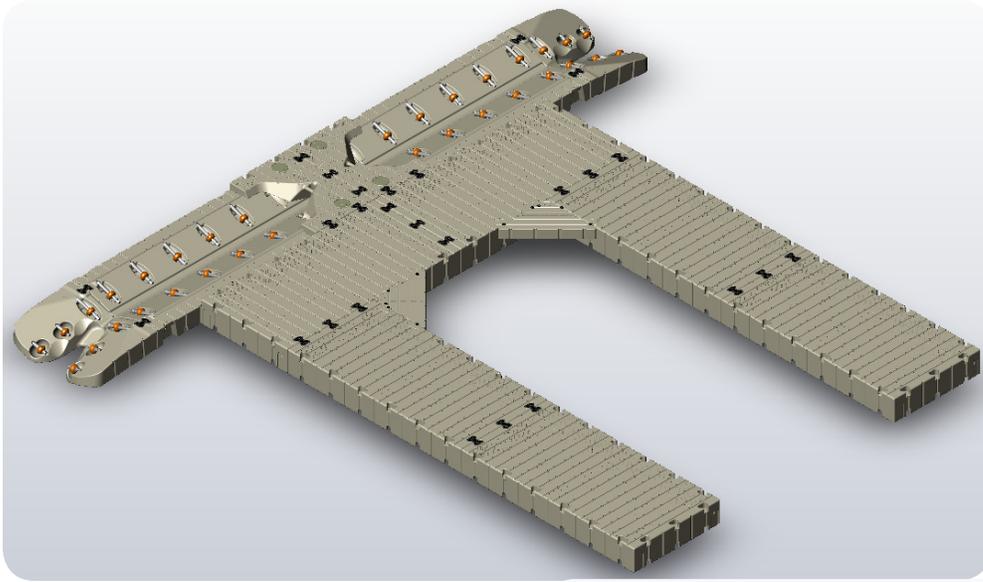
BILL OF MATERIAL			
ITEM	QTY.	PART NO.	DESCRIPTION
1	2	S211010-****	Rubber Mats, Port MAX



# Sample Configurations



## Sample Configurations



## Limited Warranty:

Floatation (8 years) – EZ Port MAX is warranted against defects in material and workmanship for a period of eight (8) years from the date of purchase. Hardware and Accessories (1 Year) – Hardware and accessories are warranted against defects in material and workmanship for a period of one (1) year from the date of purchase.

The Limited Warranties specifically cover cracks, breakage and leaks caused by defects in the manufacturing process, and material deterioration due to ultraviolet ray exposure. The Limited Warranties specifically do not cover damages to EZ Port MAX products caused by: improper installation; use inconsistent with EZ Port MAX instructions, and product specifications; vandalism, severe weather and natural disaster; impact by watercraft, ice, falling trees, floating debris, and other foreign objects; unauthorized product modification and attachment and improper repair.

EZ Dock's exclusive obligation is to repair or replace defective ports at EZ Dock's option. "Repair" may be limited to providing a repair kit. Shipping and installation costs related to repaired and replaced product shall be at the buyer's expense. Repaired or replaced products are warranted only for the balance of the original limited warranty.

Warranty Activation and Claim Process – In order to activate the Limited Warranties, the buyer must properly register the purchase of EZ Port MAX ports within thirty (30) days of purchase via the registration methods of mail, web or fax. Warranty Claims for properly registered products must be submitted in writing to EZ Dock within the warranty periods set out above. Warranty Claims must identify the subject product(s) and include the date of purchase, description of the claimed defect, and documents evidencing the sale and purchase of the product.

**It is important that you complete the product registration card and mail it in for your warranty within 30 days of purchase. You can also register your product online at [www.ez-dock.com](http://www.ez-dock.com).**

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### Customer Service Assistance:

When calling for service assistance, please know the purchase date, model and/or serial code of your EZ Port MAX. You also need your serial code for product registration. This information will help us to better respond to your request. If you need replacement parts, contact your dealer to obtain only genuine parts. These parts will fit right and work correctly because they are made with the same precision used to build your EZ Port MAX. **To locate replacement parts in your area, call 1-888-654-8168 (US and Canada), 1-417-235-2223 (Africa, Asia or Central- or South America), or +(32) 4 240 0353 in Europe. French speaking residents in Quebec should call 1-800-654-8168. These numbers will put you in contact with your nearest distributor/dealer. You may also locate your nearest distributor or dealer by logging onto the web at [www.ez-dock.com](http://www.ez-dock.com).**

## **EZ Dock distributors and dealers can provide assistance with:**

- Features and specifications of EZ Dock's full line of dock products
- Installation information
- Use and maintenance procedures
- Accessory and repair part sales
- Referrals to local dealers

## **Maintaining your EZ Port MAX**

### **Care and Maintenance**

**Cleaning:** Your new EZ Port MAX can be easily cleaned using a brush, mild cleaning agent, and water. For stubborn stains, use a diluted bleach solution. A power washer can be used when convenient. Algae growth at the waterline on the EZ Port MAX is normal and will not harm the port.

**Ice:** The EZ Port MAX floats high enough so that normal ice pressure will not harm the product. However, if the shoreline area has ice pressure pushes, wind blown ice, or other ice flows, the port needs to be removed or disconnected from the moorings. In these circumstances, pipes or piles need to be removed so they will not be bent by the ice pressure.

**Removal:** If the EZ Port MAX is removed at anytime for storage, the port should not be dragged over rough gravel or other sharp objects. The EZ Port MAX may be stored outside without any special care when stored on edge or with the roller-side facing up.



**The First Dock of Its Kind...The Last Dock You Will Ever Need®**

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