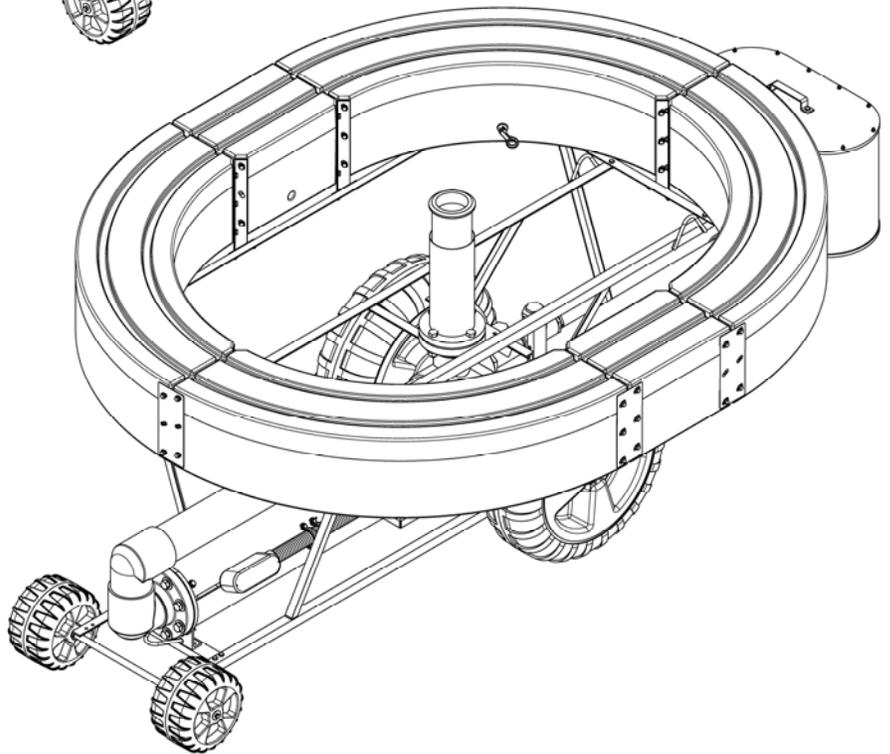
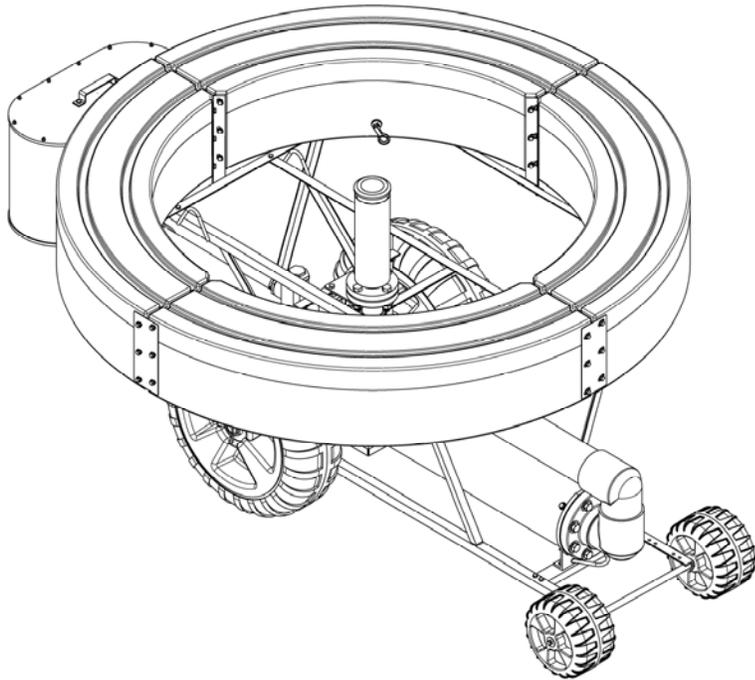




Otterbine Barebo Inc. Giant Fountain 50Hz Installation Manual



Safety Instructions



WARNING: Read this manual before installing and using this equipment, save it for future reference

All Electrical Work Must Be Performed By a Qualified Licensed Electrician and Conform With All Applicable Electrical Safety Codes

CAUTION: Power to the unit **must** be supplied through a residual current device (RCD) having a rated residual operating current not exceeding **30mA** , all equipment must be properly grounded

CAUTION: Do not operate the equipment when people are in the water, **always turn off** all equipment before servicing or performing any maintenance

CAUTION: KEEP HANDS CLEAR OF THE IMPELLER WHEN OPERATING!



WARNINGS

- The operating temperature range for this equipment is -12° to 40° C; 10° to 104° F.
- Physically disconnect equipment from the power source before entering, wading in or swimming in the water.
- If the power cord becomes damaged, it must be replaced by an authorized Otterbine distributor.

INSPECT EQUIPMENT

Immediately report any shipping damage to the carrier that delivered your unit.

Inspect your equipment and verify the following:

Unit - Check the nameplate located on the housing of the unit to make sure you have received the correct horsepower and voltage aerator.

Power Control Center - Verify the PCC is compatible with the unit horsepower and voltage. If supplied with an Otterbine PCC refer to the electrical specifications on the nameplate located inside on the door of the PCC.

Power Cable Assembly - Verify the correct cable gauge and length.

For proper warranty consideration return your Otterbine warranty registration card.

!Warning! To Prevent Damage

(DAMAGE CAUSED DUE TO FREEZING WILL NOT BE ELIGIBLE FOR WARRANTY CONSIDERATION)

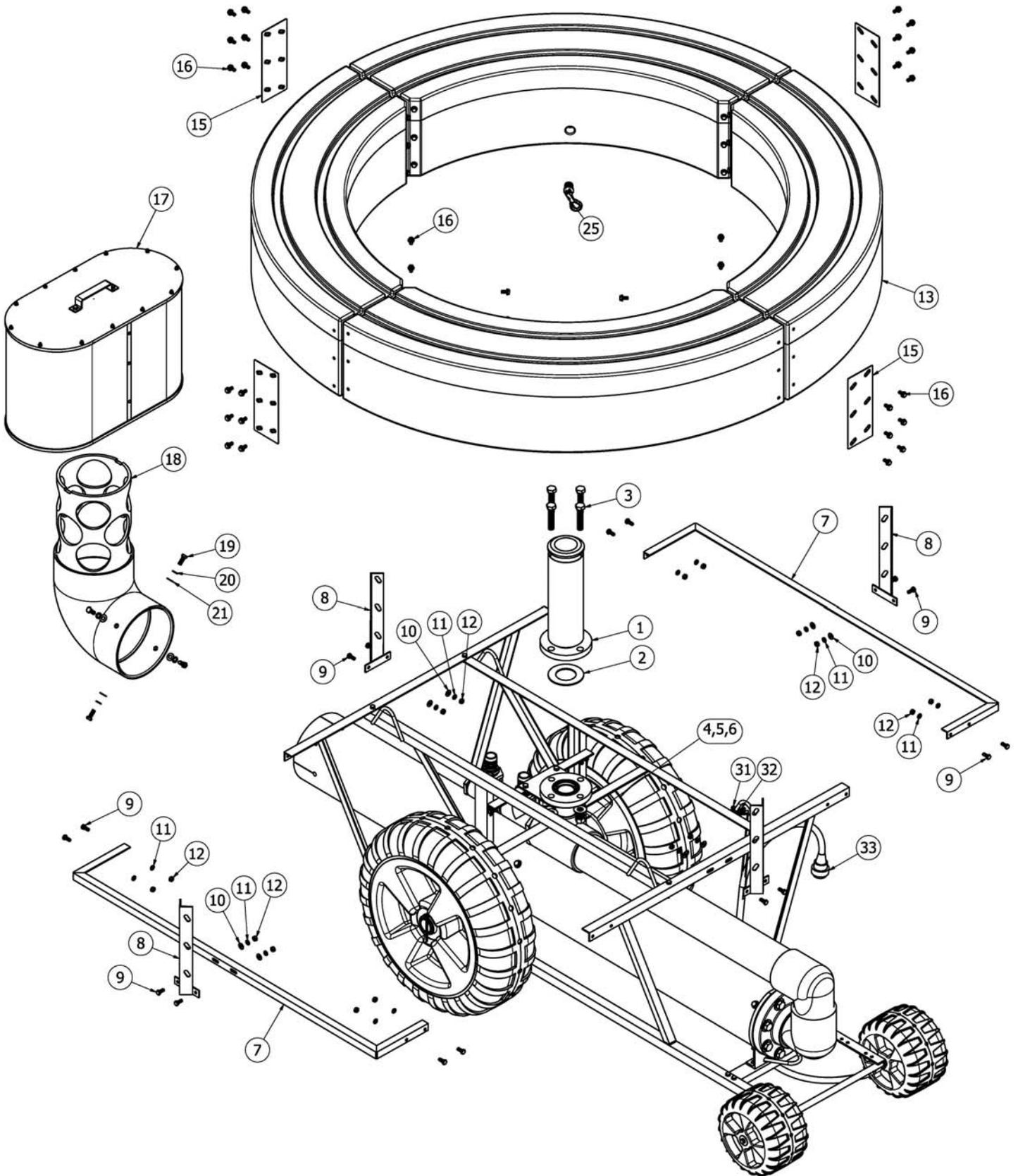
- **Do not** operate the Giant Fountain when not submersed
- Remove the unit from the water when temperatures are expected to freeze or is below freezing, 0°C (32°F)
- Store the unit in a dry, secure location that is above freezing 0°C (32°F)
- Minimum Operating Depth of the Giant Fountain is 1m (40in.)
- Remove and clean intake screen as necessary
- Inspect and clean the pattern head and nozzle components as required
- Annually clean and inspect the unit and cables for physical damage

GIANT FOUNTAIN PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	ITEM	PART NUMBER	DESCRIPTION
1	10-0101-10-0106	Mystic Nozzle	15	40-0039	Bracket, Outside Float
	10-0111-10-0116	Polaris Nozzle	16	22-0010	Bolt, 5/16"-18 x 5/8" Flange
	10-0121-10-0126	Super Nova Pattern Head	17	10-0230	Intake Screen
	10-0131-10-0136	AquaStar Pattern Head	18	10-0231	Intake Pipe
	10-0141-10-0146	Triad Pattern Head	19	22-0015	Bolt, 3/8"-16 x 1"
2	49-0062	Gasket, 2" Flange	20	EP6301	Washer, 3/8" Split
	49-0063	Gasket, 3" Flange	21	927-003	Washer, 3/8" Flat
3	22-0037	Bolt, 5/8"-11 x 3"	22	46-0036	Hose, 32mm (1-1/4")
4	28-0011	Washer, 5/8" Flat	23	46-0037	Clamp, 32mm (1-1/4")
5	28-0027	Washer, 5/8" Star	24	46-0045	Clamp 57mm (2-1/4")
6	26-0009	Nut, 5/8"-11	25	46-0026	Plug, Float
7	10-0205	10/15HP Float Extension Bracket	26	65-0018	Adapter, Hose
	10-0208	25HP Float Extension Bracket	27	40-0057	Bracket A, Pattern Ring
8	10-0201	Float Mounting Bracket	28	40-0058	Bracket B, Pattern Ring
9	106-302	Bolt, 5/16"-18 x 3/4"	29	46-0200	Wheel, Large Rear
10	28-0018	Washer, 5/16" Flat	30	46-0201	Wheel, Small Front
11	28-0019	Washer, 5/16" Split	31	35-0003, 35-0020	Strain Relief
12	660-002	Nut, 5/16"-18	32	20-0013	Clamp, Strain Relief
13	42-0004	Float, 1/4 Circle	33	35-0019, 35-0021	Pigtail, Female
14	42-0005	Float, 16" Extension (25HP Only)	34	48-0016	Anti-Seize Compound

GIANT FOUNTAIN EXPLODED VIEW

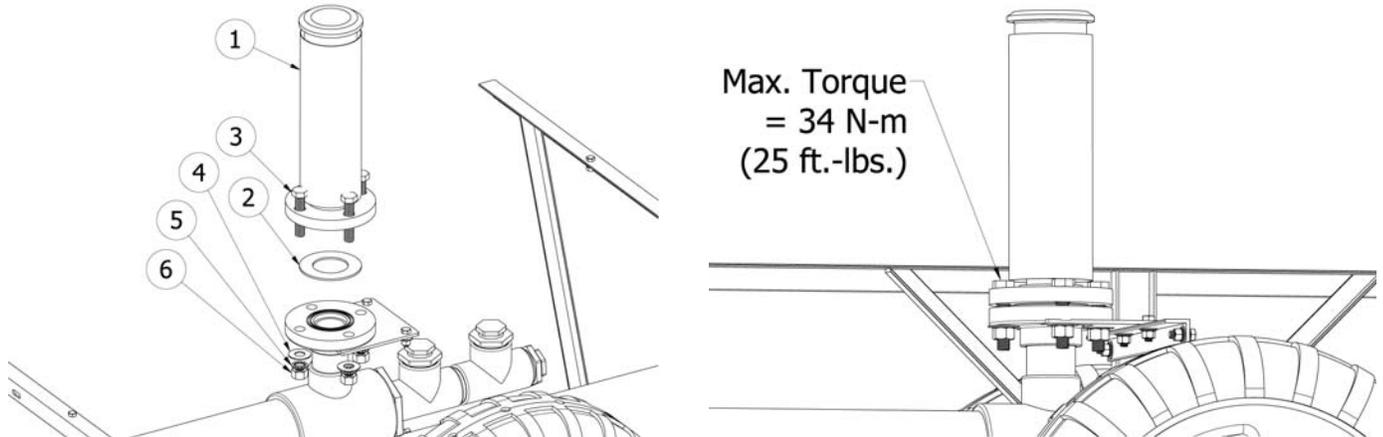
10HP GIANT FOUNTAIN SHOWN



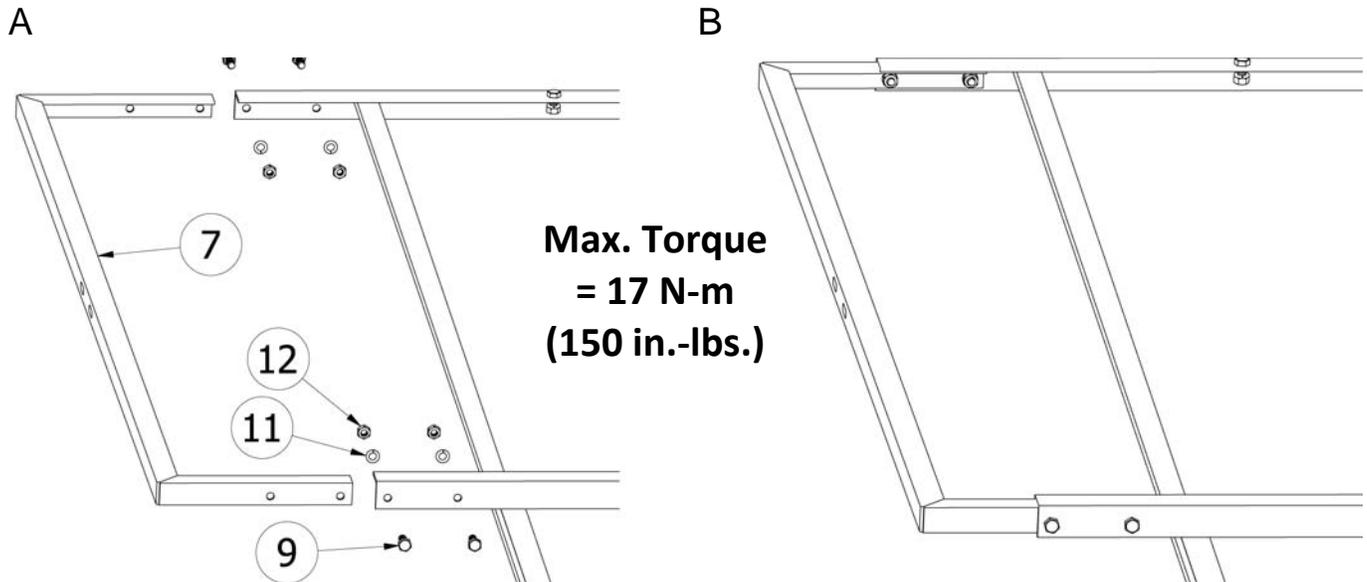
UNIT ASSEMBLY

NOTE: Unit supplied with a quick disconnect connector. Use supplied splice kit to splice the connector onto the cable supplying power to the unit. Plug connectors together before launching.

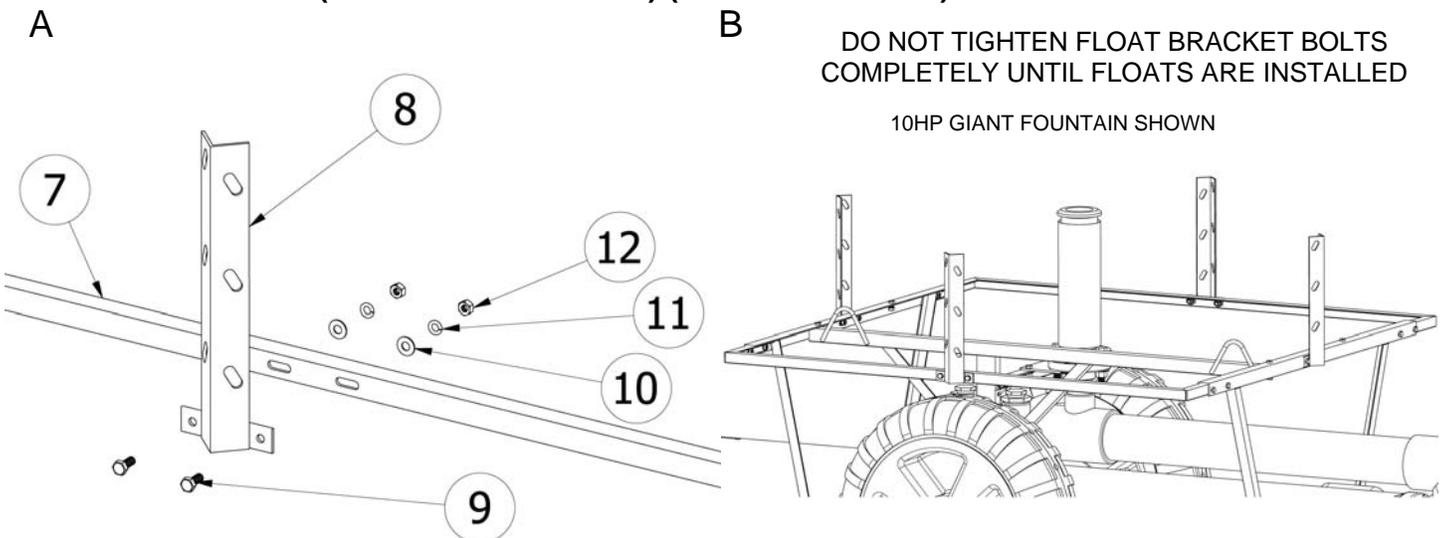
STEP 1 – INSTALL NOZZLE OR PATTERN HEAD



STEP 2 – INSTALL (QTY. OF 2) FLOAT EXTENSION BRACKETS



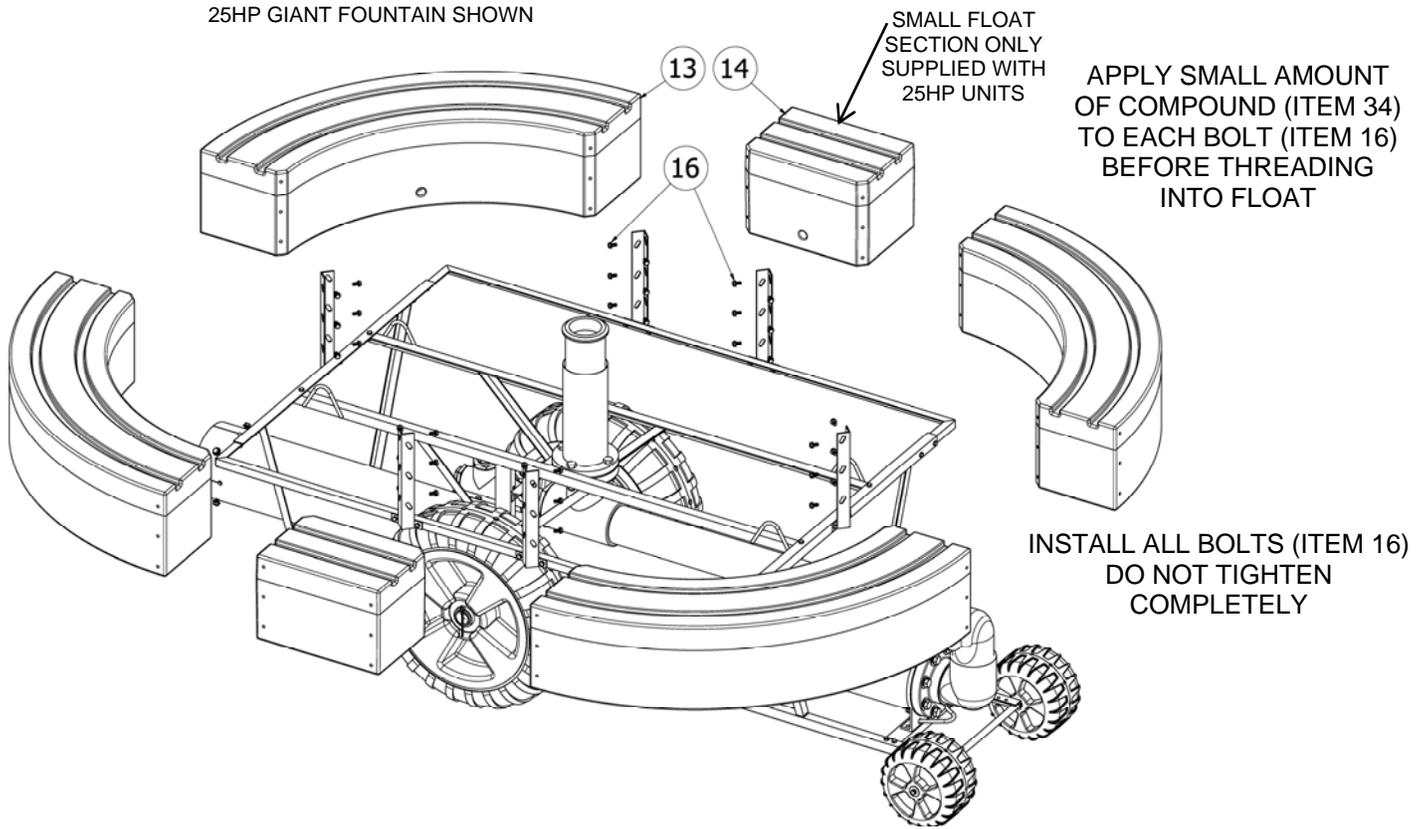
STEP 3 – INSTALL (QTY. OF 4 - 10&15HP) (QTY. OF 6 - 25HP) FLOAT MOUNTING BRACKETS



STEP 4 – INSTALL FLOATS

A

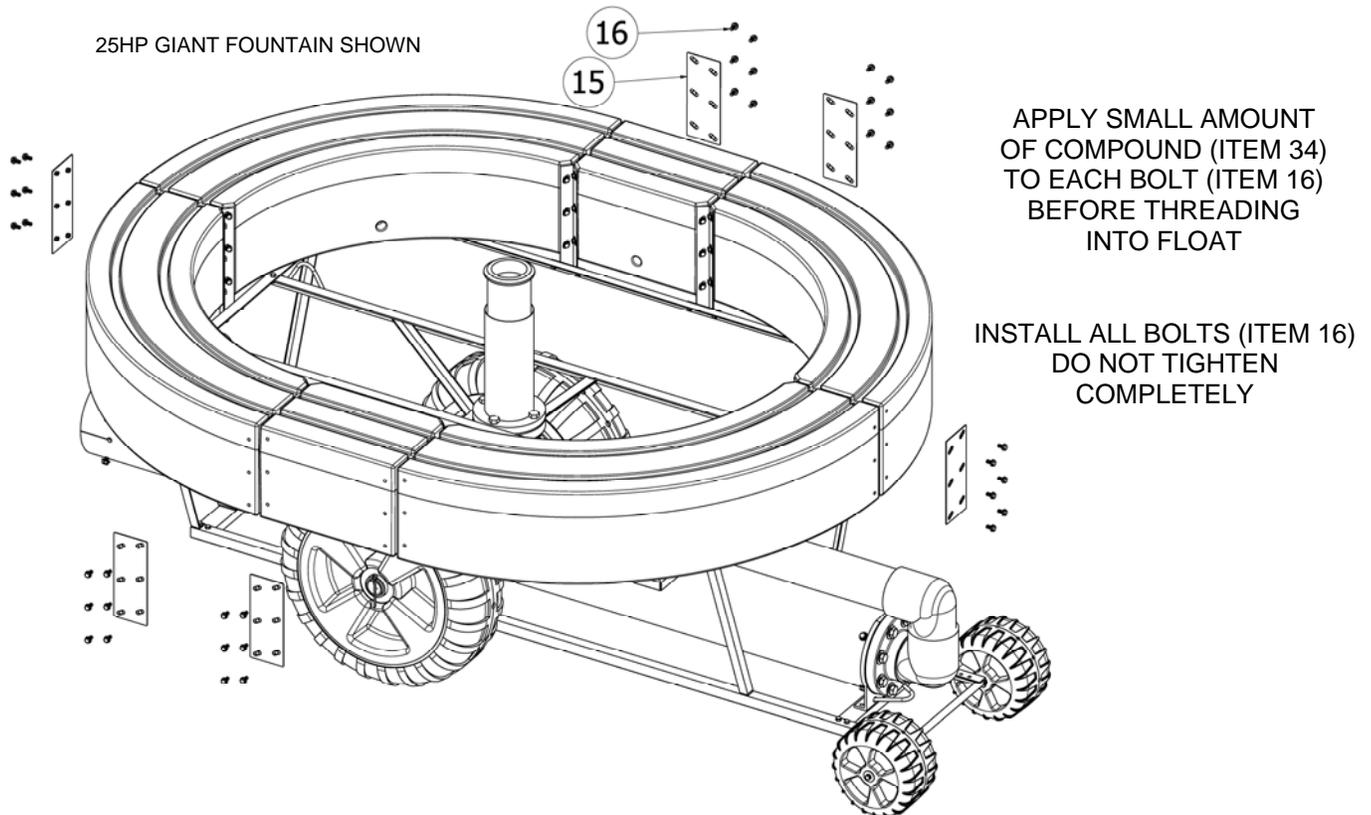
25HP GIANT FOUNTAIN SHOWN



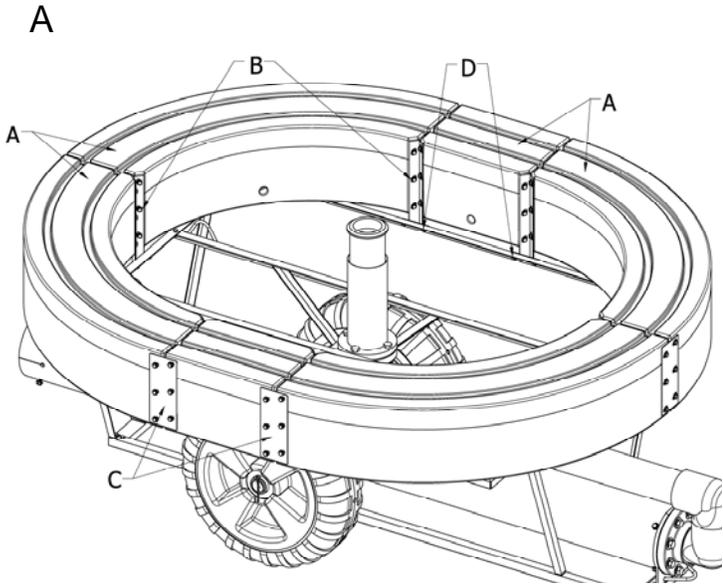
STEP 5 – INSTALL OUTSIDE FLOAT BRACKETS

A

25HP GIANT FOUNTAIN SHOWN



STEP 6 – ALIGN FLOATS AND TIGHTEN ALL FLOAT BRACKETING BOLTS

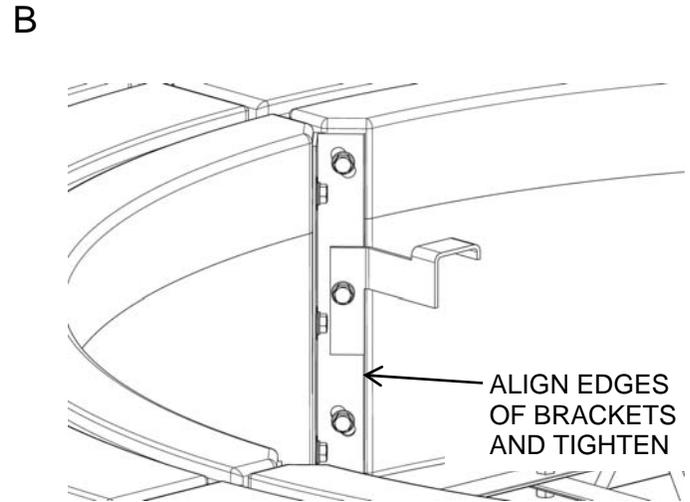
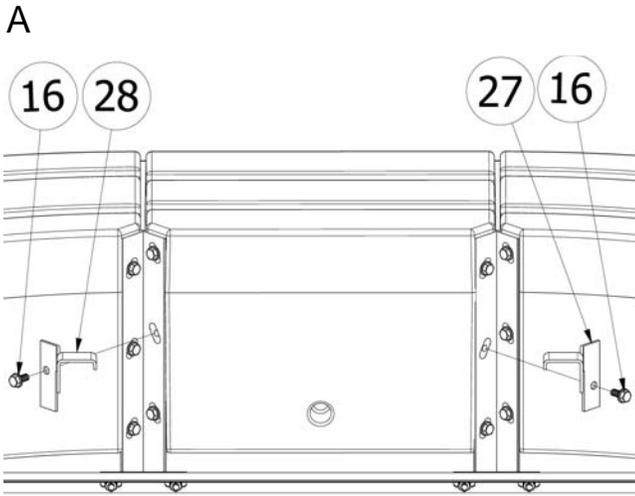


- A) ALIGN THE TOP OF ADJACENT FLOATS FLUSH
- B) TIGHTEN INSIDE FLOAT BRACKET BOLTS
- C) TIGHTEN OUTSIDE FLOAT PLATE BOLTS
- D) TIGHTEN INSIDE FLOAT BRACKETS TO FRAME

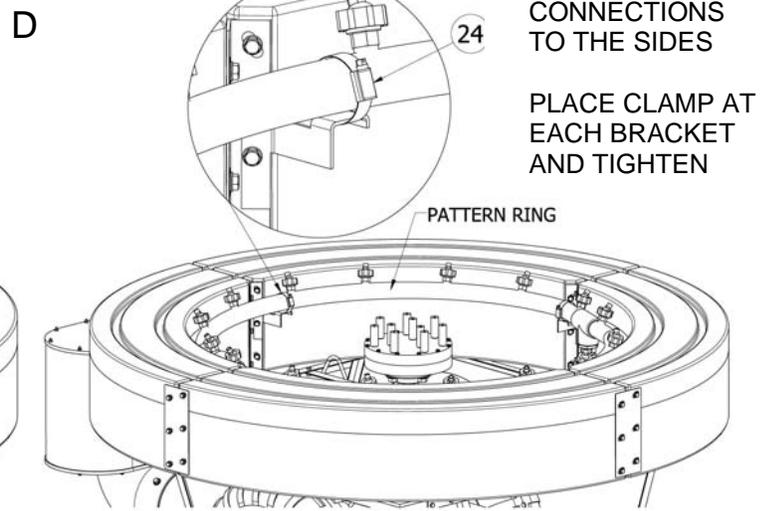
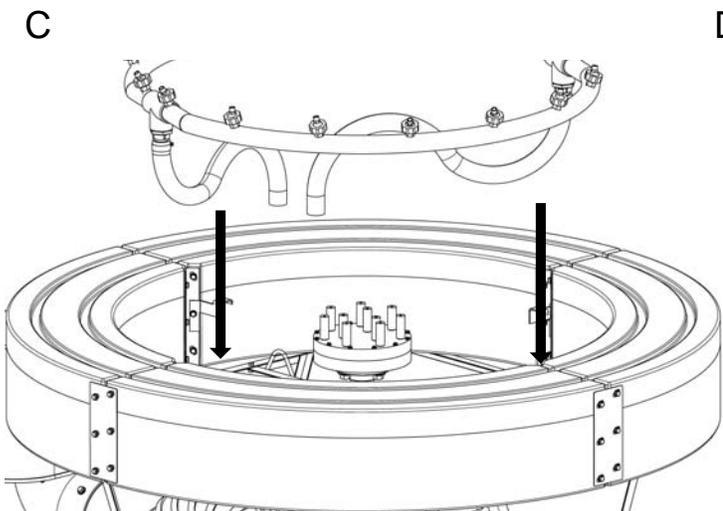
! IMPORTANT !
VERIFY ALL BOLTS ARE TIGHTENED
(DO NOT OVERTIGHTEN)

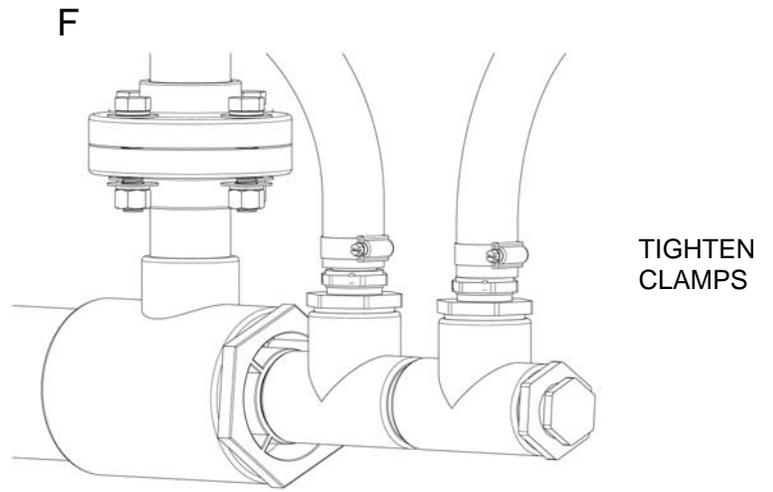
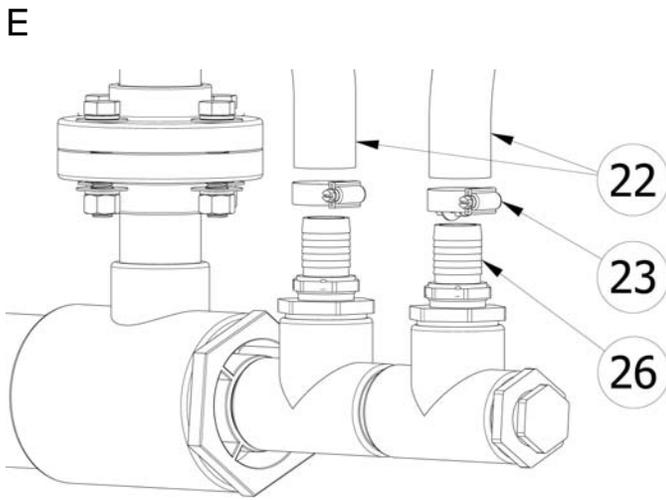
Max. Torque
= 15 N-m
(130 in.-lbs.)

STEP 7 – INSTALL PATTERN RING (required with TRIAD & AQUASTAR)

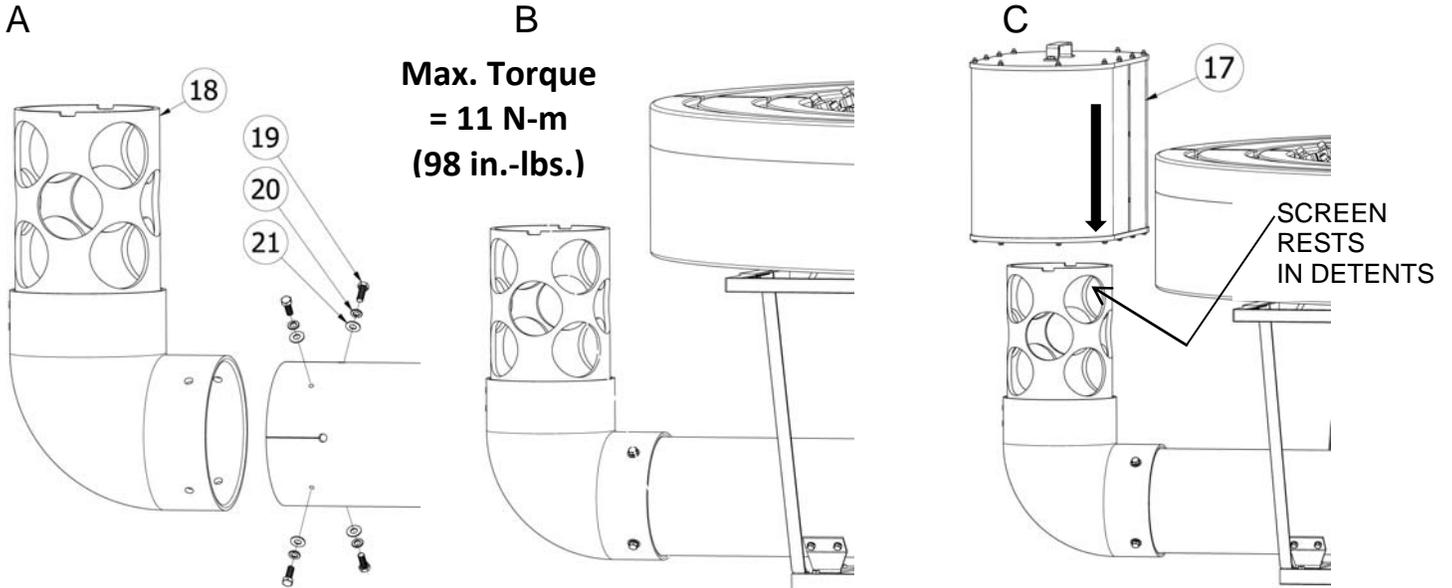


SET PATTERN RING ON BRACKETS
TEES LOCATED TOWARDS SIDES OF FRAME

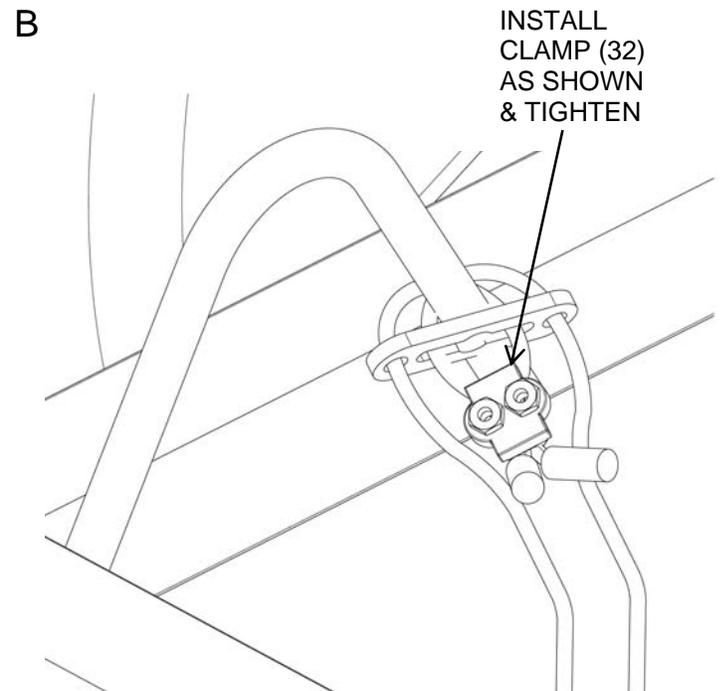
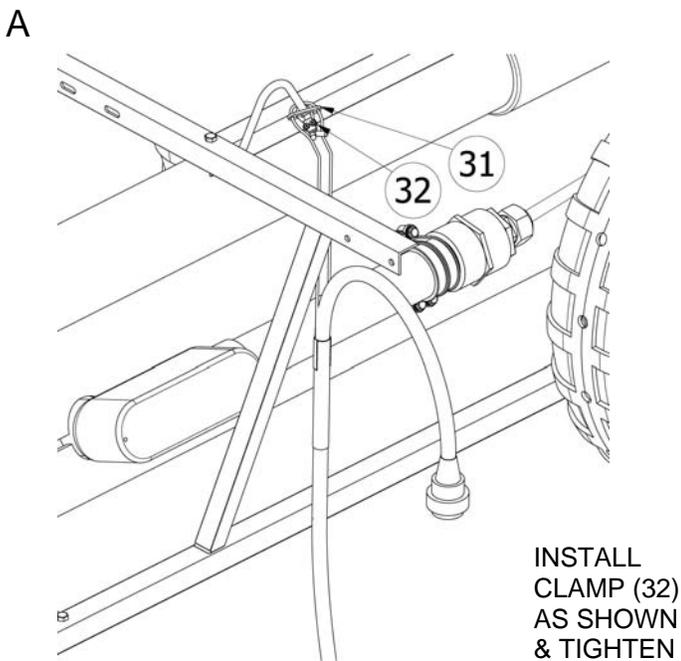




STEP 8 – INSTALL INTAKE PIPE & SCREEN



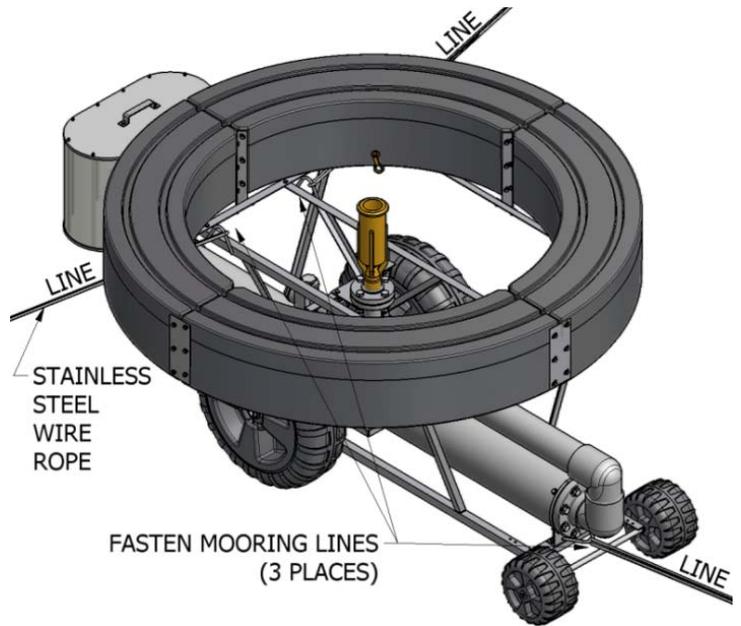
STEP 9 – INSTALL CABLE STRAIN RELIEF



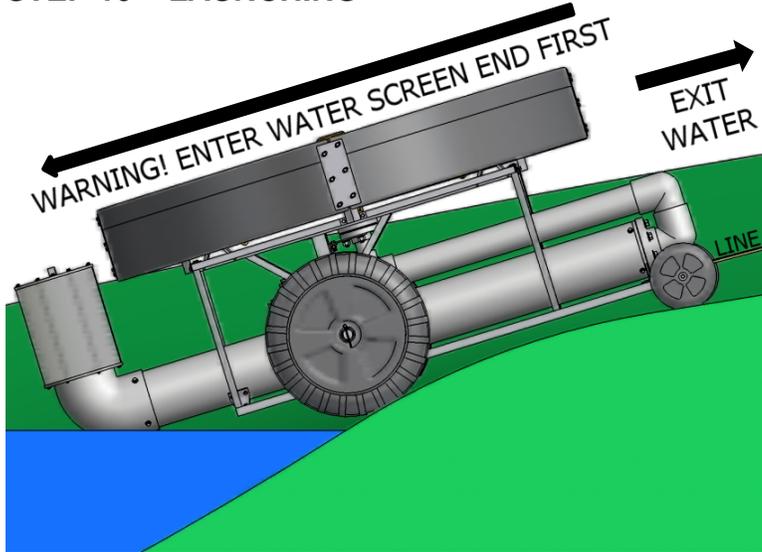
STEP 9 – MOORING/ANCHORING LINES

MOORING – USE SHORE MOUNTED STAKES OR EARTH ANCHORS

ANCHORING – USE 3 WEIGHTS
MINIMUM OF 20kg (45lb.)



STEP 10 – LAUNCHING



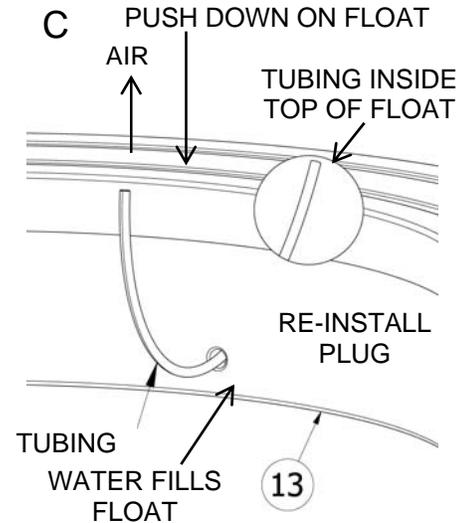
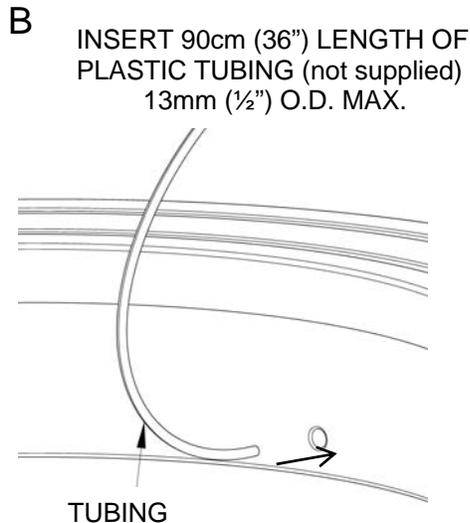
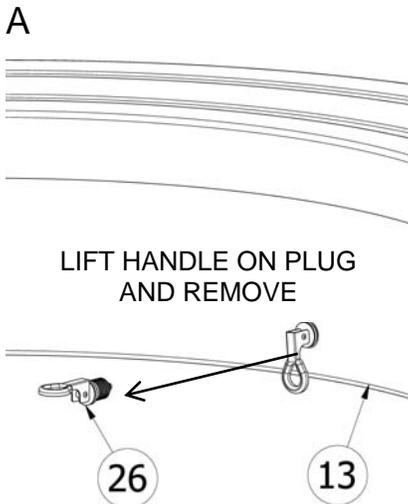
RETRIEVAL – USE FRONT MOUNTED PULLING/MOORING EYE

LOCATE – PULL TO DESIRED LOCATION AND MOOR/ANCHOR

WARNING!

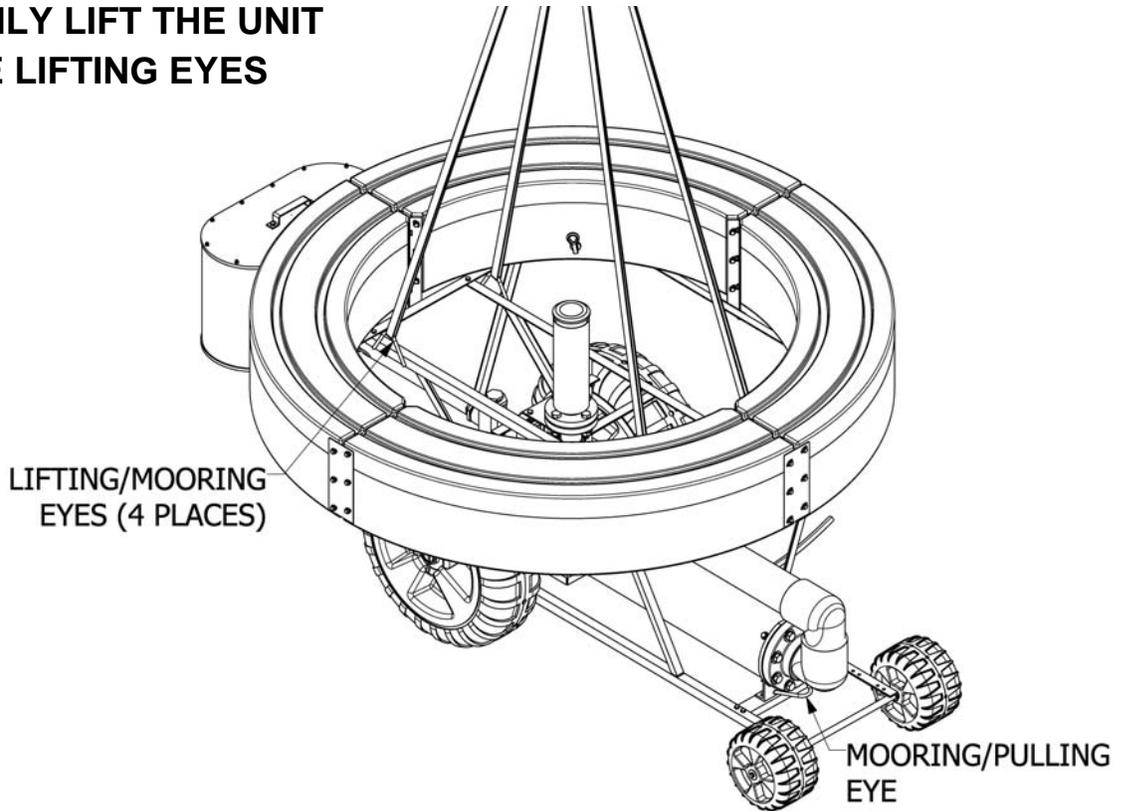
VERIFY ALL ELECTRICAL CONNECTIONS ARE SECURE BEFORE LAUNCHING

STEP 11 – BALLASTING / LEVELING UNIT IN WATER



LIFTING

**WARNING! ONLY LIFT THE UNIT
USING THE LIFTING EYES**



ELECTRICAL SPECIFICATIONS

HP	kW	Full Load Amps	Branch Circuit Rating (Amps)	Volts	Phase	Hertz	Rpm	Maximum Head Pressure
10	7.5	16	40	400	3	50	2875	100PSI
15	11	24	50					150PSI
25	18.5	38	80					200PSI

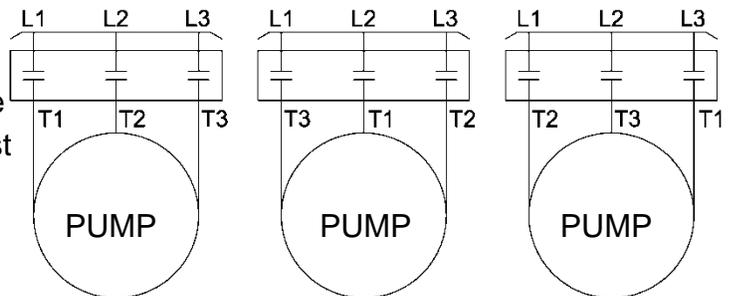
SYSTEM STARTUP

Prior to energizing

- Check that all electrical connections are correct and secure.
- Verify incoming voltage, must be within 380 to 415 volts.

After Starting

- Verify three phase operating currents are balanced within 5%. Roll leads if over 5%. Use the connection at right that results in the lowest current imbalance.



Additional technical and service information can be found at: www.otterbine.com .

Limited Warranty
Otterbine® Product

Otterbine warrants that should the OTTERBINE product prove defective by reason of improper workmanship or materials at any time during the warranty period the Purchaser at retail will be guaranteed that OTTERBINE will repair or replace the said OTTERBINE product as may be necessary to restore it to satisfactory operating condition, without any charge for materials or labor necessarily incident to such repair or replacement, provided that the Warranty Registration card was mailed to OTTERBINE within fifteen days of the original receipt by the Purchaser, the product must be delivered or shipped, prepaid, in its original container or a container offering an equal degree of protection, to OTTERBINE or a facility authorized by OTTERBINE to render the said repair or replacement services or, if purchased from an authorized OTTERBINE dealer, to such dealer; the product must not have been altered, repaired or serviced by anyone other than OTTERBINE, a service facility or by an authorized OTTERBINE dealer or authorized Service Center, and the serial number of the product must not have been removed or altered: and product must not have been subjected to lightning strikes and other Acts of God, vandalism, freezing-in, accident, misuse or abuse, and must have been installed in conformance with applicable electrical codes (including proper electrical protection), and also installed, operated and maintained in accordance with guidelines in the Manual shipped with the Otterbine product. The OTTERBINE product must be physically inspected on an annual basis to insure the unit, the connector and the power cable are not damaged and are in proper working condition.

No implied warranties of any kind are made by OTTERBINE in connection with this product, and no other warranties, whether expressed or implied, including implied warranties of merchantability and fitness for a particular purpose, shall apply to this OTTERBINE product. Should this OTTERBINE product prove defective in workmanship or material, the retail Purchaser's sole remedy shall be repair or replacement as is hereinabove expressly provided and, under no circumstances, shall OTTERBINE be liable for any loss, damage or injury, direct or consequential, arising out of the use of, or inability to use, the OTTERBINE product, including but not limited to retail Purchaser's cost, loss of profits, goodwill, damages due to loss of product or interruption of service, or personal injuries to Purchaser or any person.