

INSTALLATION

Of your **Swim Machine 60Hz/50Hz**



SWIM MACHINE

Tools



1 1/8 (29mm) and 15/16 (24mm) Wrench



9/16 (14mm) Ratcheting Open Wrench



Phillips Head Screwdriver

AQUATIC FITNESS SWIM MACHINE

1. The swim machine weighs 122 lbs (56Kg). Mounting the swim machine is a two person operation. Remove the swim machine from its packaging. If a treadmill is present, then tuck the hanging brackets (hat channels) under the treadmill hoses beneath the point where the hoses cross. **Figure 1.**

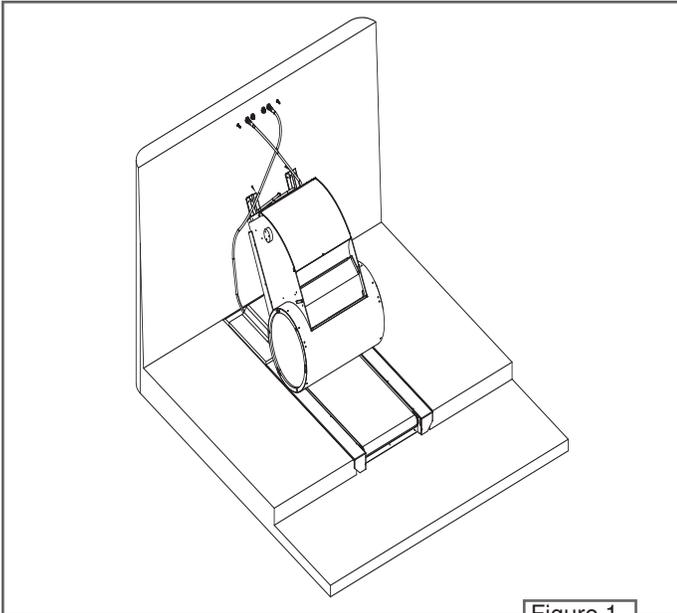


Figure 1.

3. If a treadmill is present, make sure that the treadmill hoses are positioned between the hanging brackets and the outer hose covers. **Figure 3.**

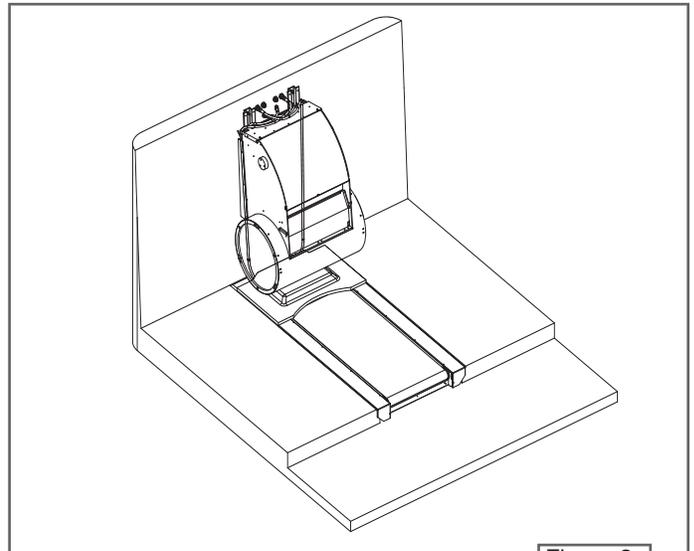
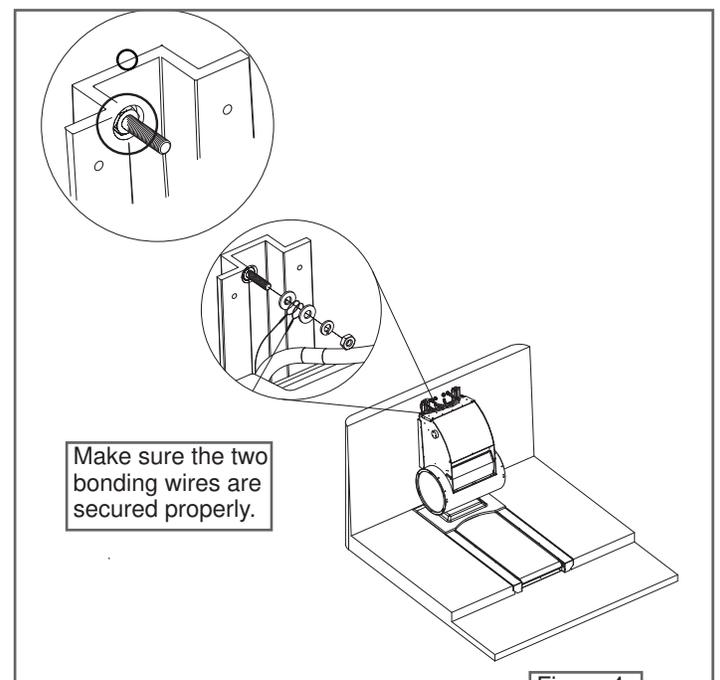


Figure 3.

4. Secure the swim machine to the spa wall with the provided hardware. On the left side of the swim machine, there will be a stainless steel bond wire secured to the grab bar mounting seat. There will be a second bond wire that is traveling up the back of the swim machine along with the left hydraulic hose. **Both of these wires must be wrapped around the bolt between two of the stainless steel washers, prior to installing the mounting nuts.** Tighten nut with a 9/16 (14mm) ratcheting wrench. Refer to the diagram below. **Figure 4.**

Note: The right bolt will only have one washer.



Make sure the two bonding wires are secured properly.

Figure 4.

2. Hang the swim machine on to the stainless steel bolts protruding from the spa's shell. Make sure that the hanging bracket mounting hole is sitting over the locknuts (already mounted to the spa) and not on the bolt. Make sure that the mounting bracket is seated against the spa wall. If the swim machine is not hung on the mounting bolt properly, there will be a gap between the spa wall and the swim machine cover (See Note).

Figure 2.

Place bracket over the lock nut and not on the mounting bolt



Make sure that the mounting bracket is sitting flushed against the spa wall



NOTE

Gap between spa wall and swim machine cover.

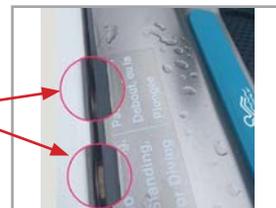


Figure 2.

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Always secure the bulkhead fitting with a wrench, to prevent it from rotating, when attaching the hydraulic hoses. Should the fitting loosen, the water-tight seal will be broken. The only way to re-tighten the bulkhead fitting is to remove the skirting panel behind the bulkhead and tighten the locknut on the backside.

5. Make sure that the O-rings of the bulkhead fittings are properly seated. Secure the two swim machine hydraulic hoses to their respective bulkhead fittings. The hose with red shrink wrap will be secured to the left center bulkhead. The hose with the green shrink wrap will be attached to the right center bulkhead. There will be a color coded sticker on top of the swim machine housing that will aid in orienting the hoses. Thread the fittings in place by hand until they are just tight. Secure the Bulkhead Fitting with a 1 1/8 (29mm) wrench then tighten the Hydraulic Hose Fitting with a 15/16 (24mm) wrench 1/2-3/4 (19mm - 29mm) flats. **Figure 5.**

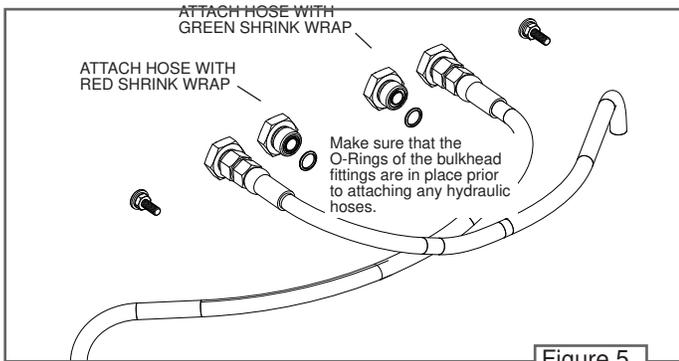


Figure 5.

6. Secure the treadmill hydraulic hoses to the top of the swim machine with the hose clamps that are attached to the top of the swim machine. **Figure 6.**

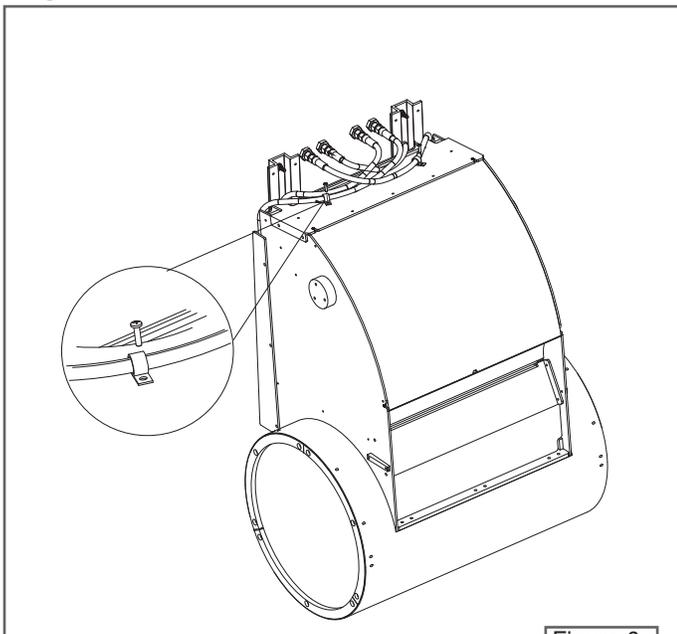


Figure 6.

7. Once the hoses are secured in place, attach the top brace to the hanging brackets using the provided 3/4" (19mm) pan head screws. **Figure 7.**

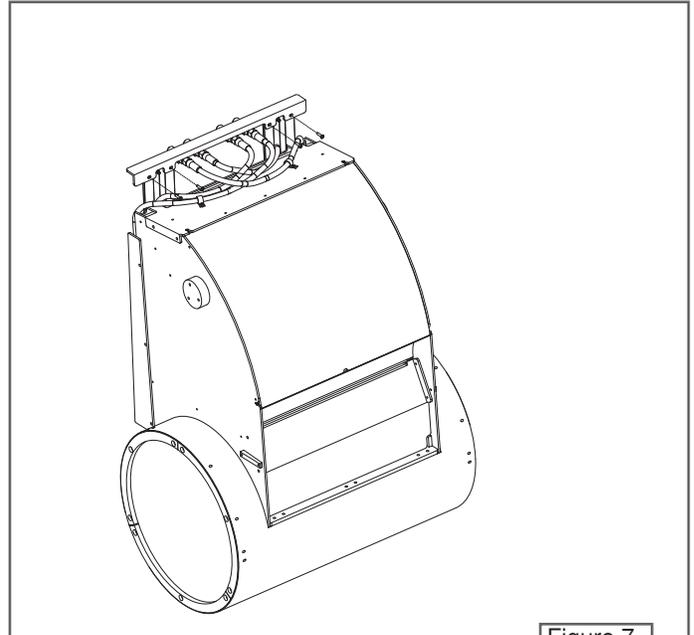


Figure 7.

8. The Swim Machine Skin, Grab Bar and 6 Screws will be packaged separately. Place the skin over top of the swim machine and then position the stainless steel grab bar. Secure the grab bar to the grab bar mounting seat (attached to the swim machine housing) through the holes in the skin with 6 screws. **Figure 8.**



Do not use a power drill to install the grab bar screws; hand-tighten only. A power drill could cause the machine screw to bind which could cause the threaded insert (inside the grab bar mounting seat) to become dislodged.

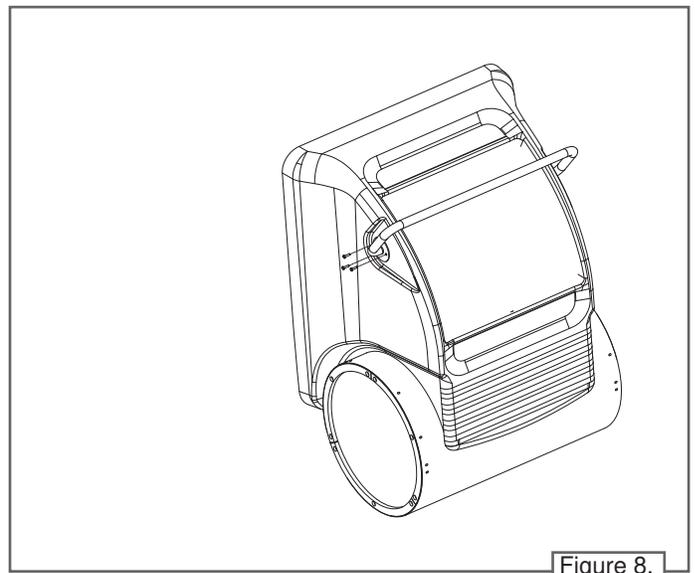


Figure 8.



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