

READ AND FOLLOW ALL SAFETY INSTRUCTIONS



This installation of the unit in the pool should only be done a licensed professional.



All electrical connections should be made by a licensed electrician in accordance with all applicable national and local code.



DO NOT attempt to operate this appliance if any component is damaged.



DO NOT use this appliance for anything other than in its intended use.

Section 1: Parts List

| Qty | Description |
|-----|--|
| 1 | Concrete Adhesive Anchoring Kit |
| 2 | Washer, 316 SS, Lock, Medium Split, 3/8" |
| 2 | Washer, 316 SS, Flat, 3/8" x 7/8" |
| 2 | Threaded Rod, 3/8-16, 316 SS, 10.25 in long |
| 2 | Nut, Jam, 3/8-16, 316SS |
| 1 | Gunite/Fiberglass Wall Bracket PVC Plate |
| 1 | Screw, 316 SS, M/S, Type 1 Phillips Truss Head, 10-32 x 1" |
| 1 | Bonding Lug, 14-6 Conductor Size, 3/16" Stud Size |
| 1 | Washer, Flat, #10 x 7/16OD x .062 Thick, 316 SS |
| 1 | Nut, Jam, 10-32, 316SS |
| 1 | Nut, 316 SS, Lock, Hex, w/ Nylon Insert, 10-32 |
| 2 | Thruwall Fitting, PVC, Schedule 40, Round Cutout, 1.5 in FSlip |
| 2 | Bushing, PVC, Reducer, 1.5 in MPT x 1.0 in FPT |
| 2 | Cord Grip Liquid Tite Fitting, PVC, 1.0 in NPT, fitting only |
| 1 | Bit, Drill, HSS, 11/64" |

Section 2: Description

The wall mount retrofit kit has been designed to install the Fastlane into an existing pool so that there are no hydraulic hoses above the pool deck. When performing this installation a trench will have to be dug in order to accommodate the hydraulic hose conduit, which means a portion of the concrete deck may have to be removed. Therefore, this type of installation is done in conjunction with a pool renovation.

Section 3: Additional Considerations

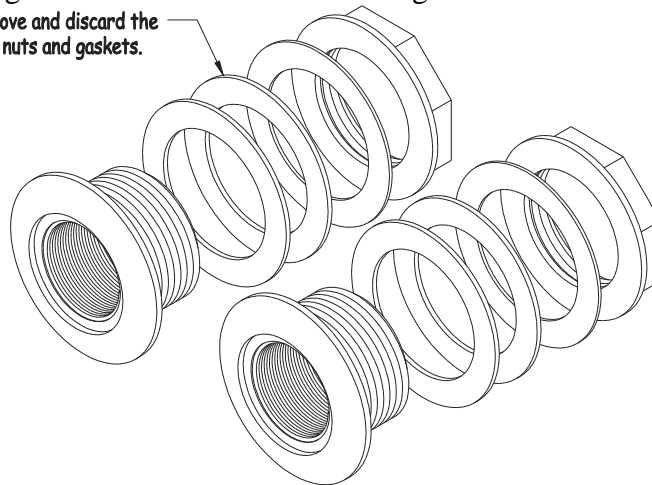
The Fastlane must be installed in accordance with the minimum clearance dimensions in section 2 of the Fastlane Owner's Manual.

Many pools have a tile border at the water line. The hydraulic hoses and Fastlane mounting points penetrate the pool wall at this point. Take care when drilling for these penetrations.

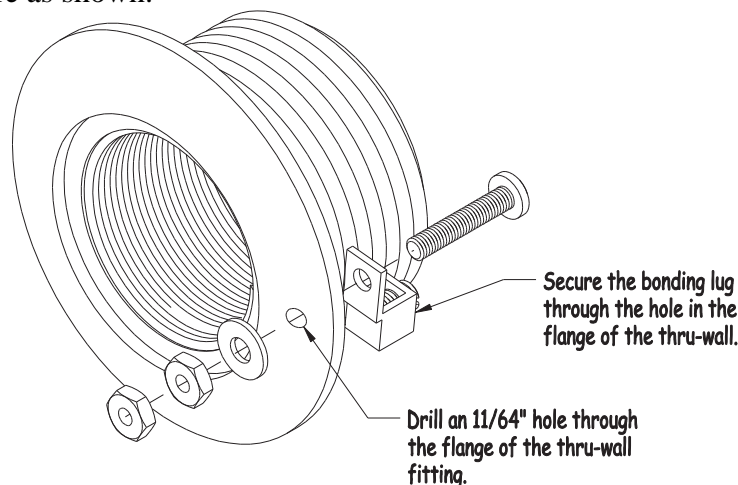
Section 4: Installation Instructions

1. Remove the lock nut and gaskets from the thru-wall fittings.

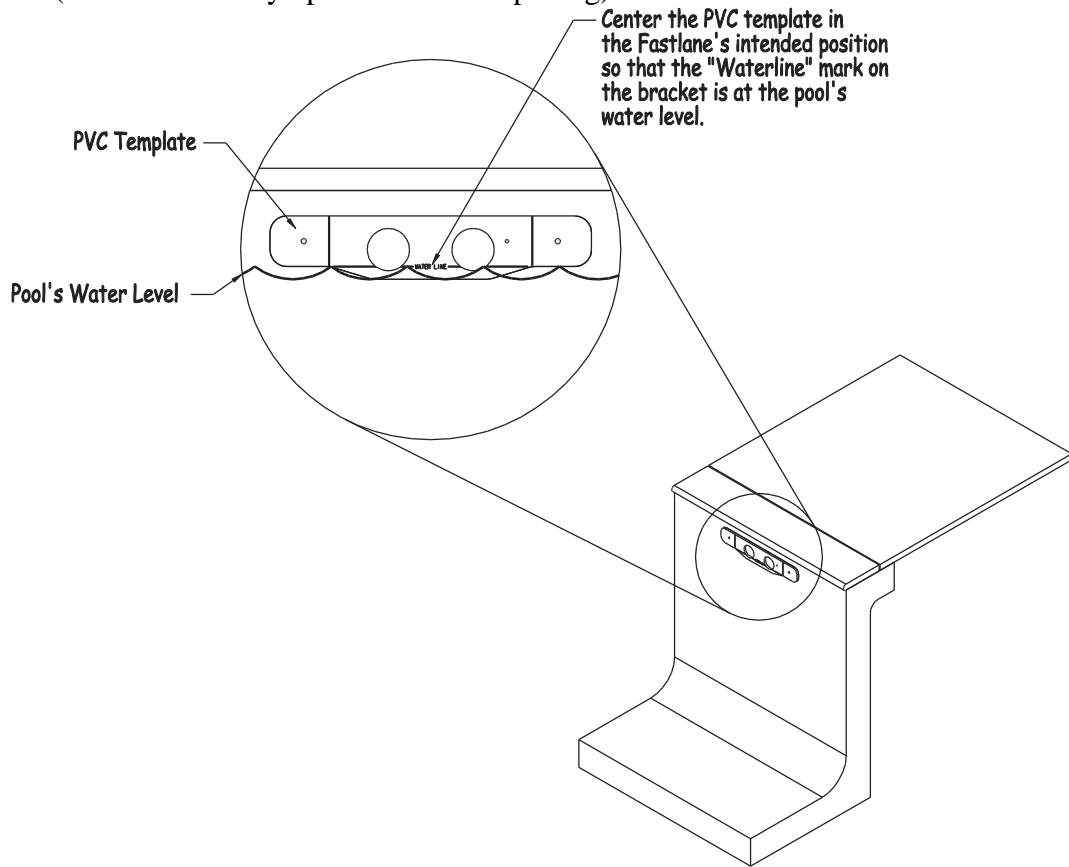
Remove and discard the lock nuts and gaskets.



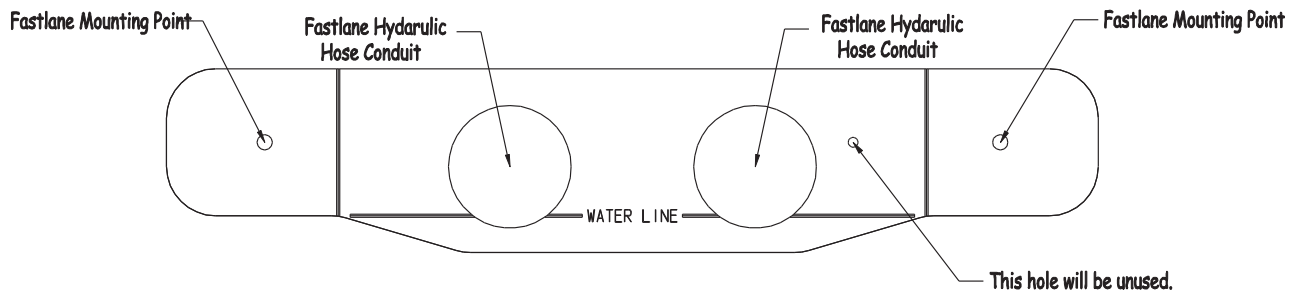
2. Use the provided 11/64" drill bit to drill through the flange of one of the thru-wall fitting. Secure the bonding hardware as shown.



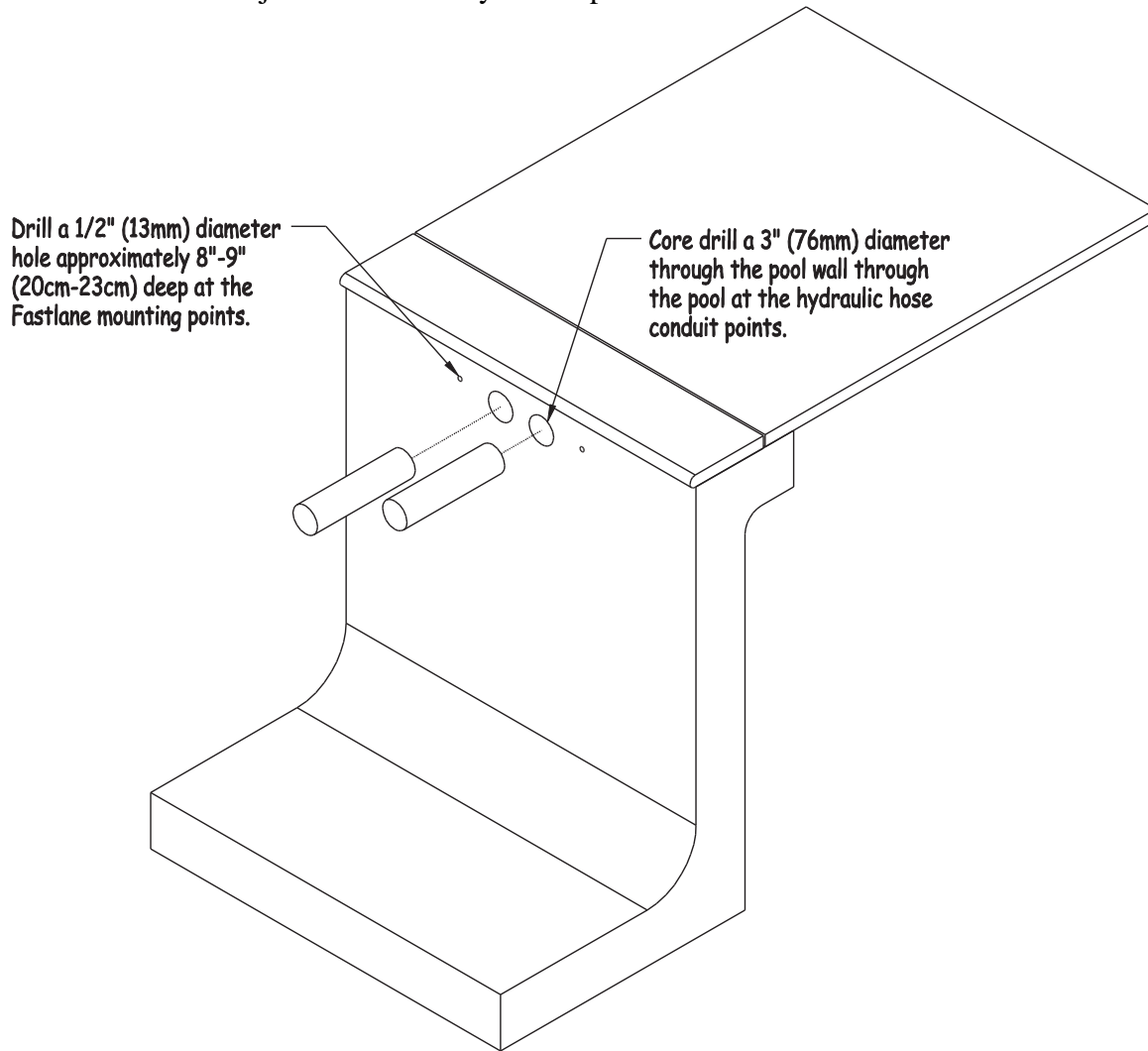
- Place the PVC bracket onto the pool wall so that it is in the intended position of the Fastlane. Make sure that it is level and that the "Waterline" line on the bracket is aligned with the water line of the pool (which is halfway up the skimmer opening).



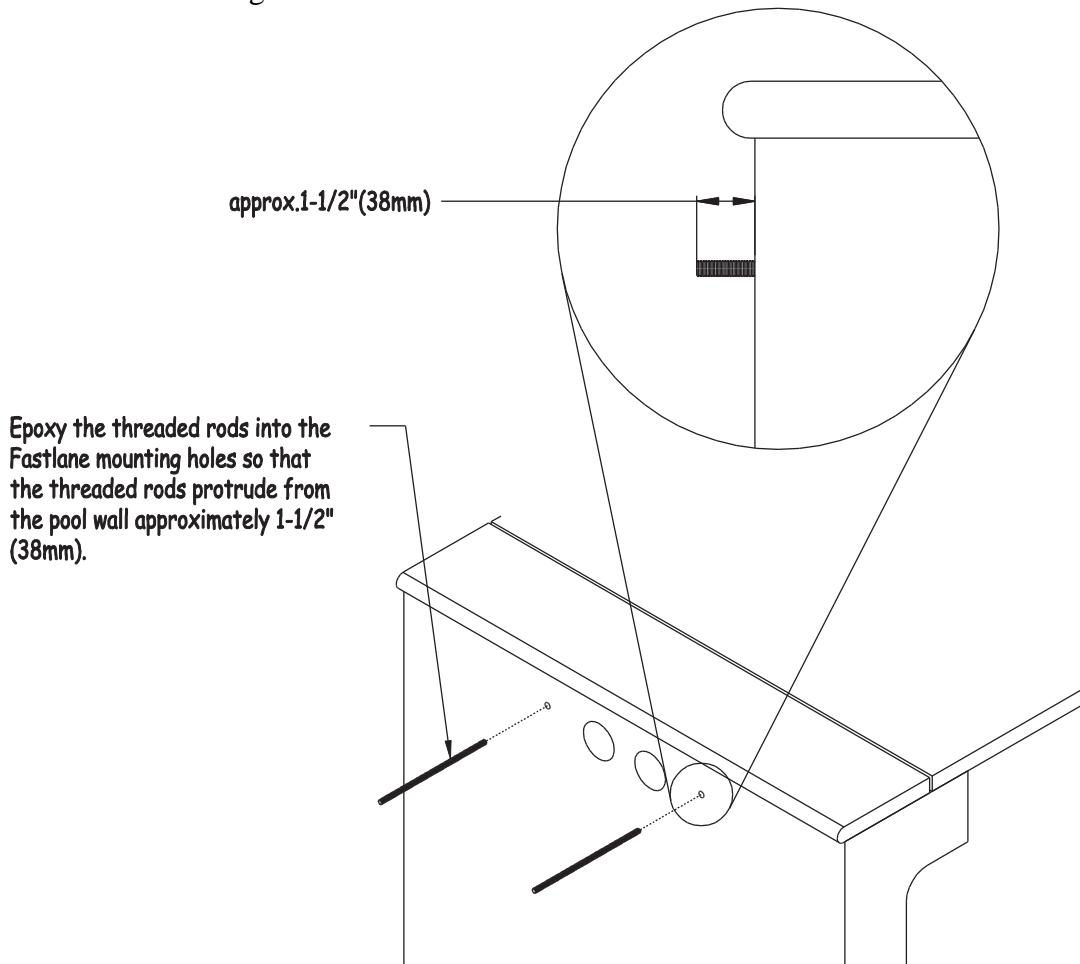
- The PVC template has 5 holes. The two largest are for the hydraulic hose conduit, the two outside holes are for the Fastlane hanging points, and the smallest hole will be unused. Mark the 2 conduit point and the 2 mounting points onto the pool wall.



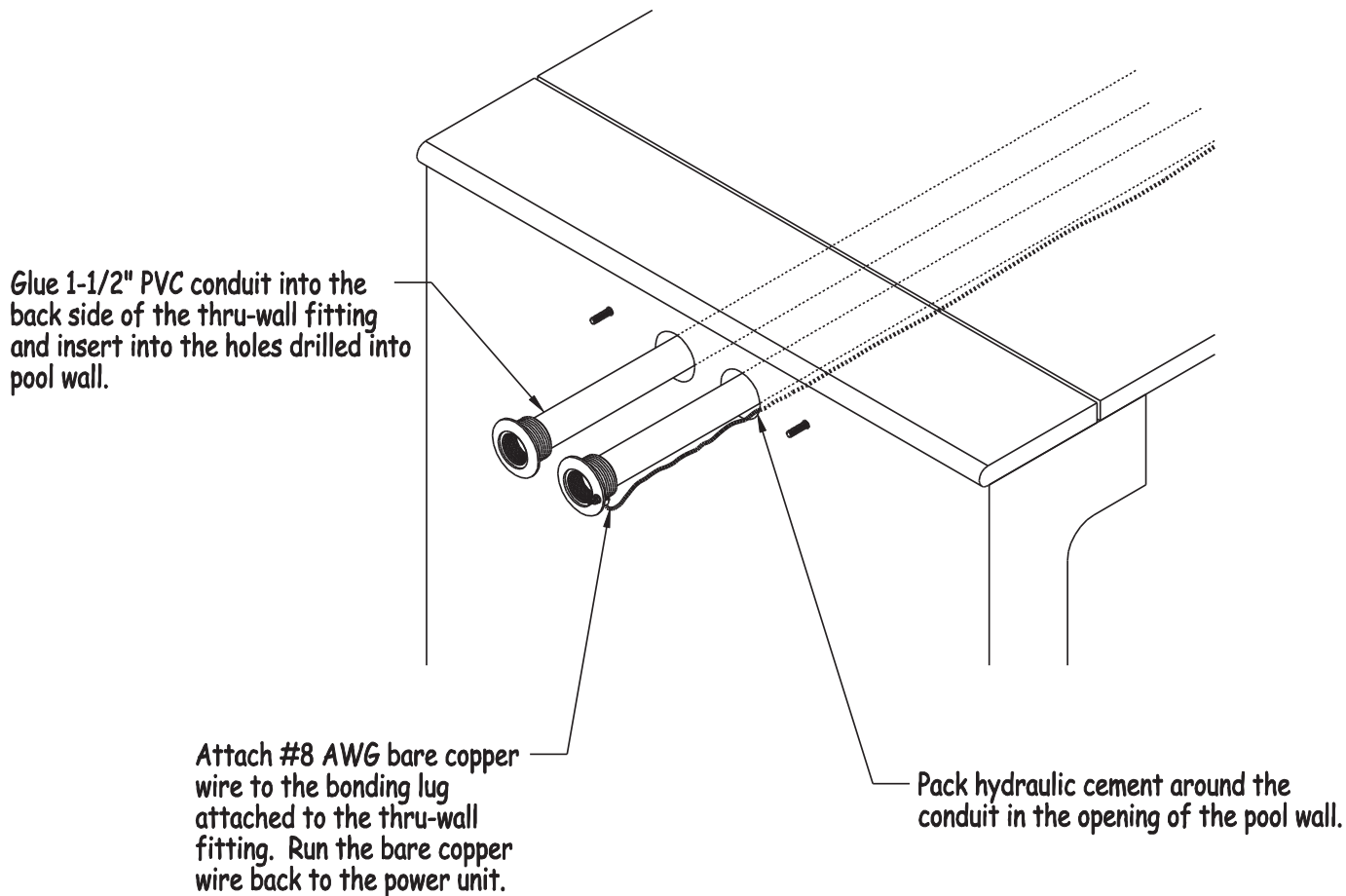
5. Drill a 1/2" (13mm) diameter hole approximately 8"-9" (20cm-23cm) deep into the pool wall at the Fastlane mounting points. Core drill a 3" (76mm) diameter hole through the pool wall at the conduit points. The deck behind the conduit may have to be removed to accommodate running the conduit back to the junction box or hydraulic power unit.



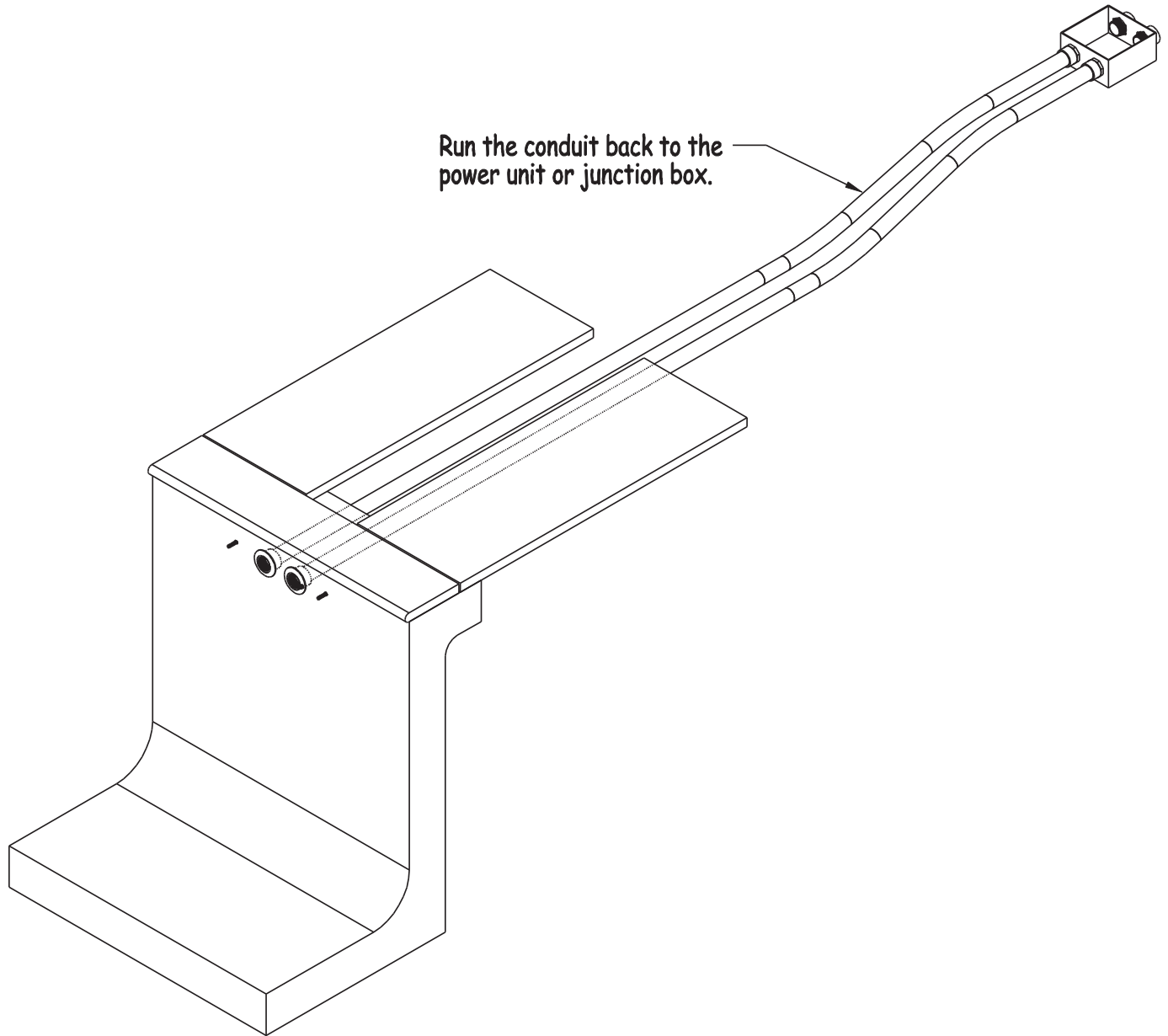
6. Use the provided epoxy to secure the mounting rods into the holes so that approximately an 1-1/2" (38mm) of threaded rod are protruding from the pool wall. Follow the epoxy manufacturer's directions on curing time.



7. Glue 1-1/2" PVC conduit into the backside of each thru-wall fitting. Attach a #8 AWG bare copper wire (or equivalent) to the bonding lug that was attached to one of the thru-wall fittings. Run the copper wire through the conduit hole in the pool wall. Pack hydraulic cement around the conduit before pushing the thru-wall fitting against the pool wall.

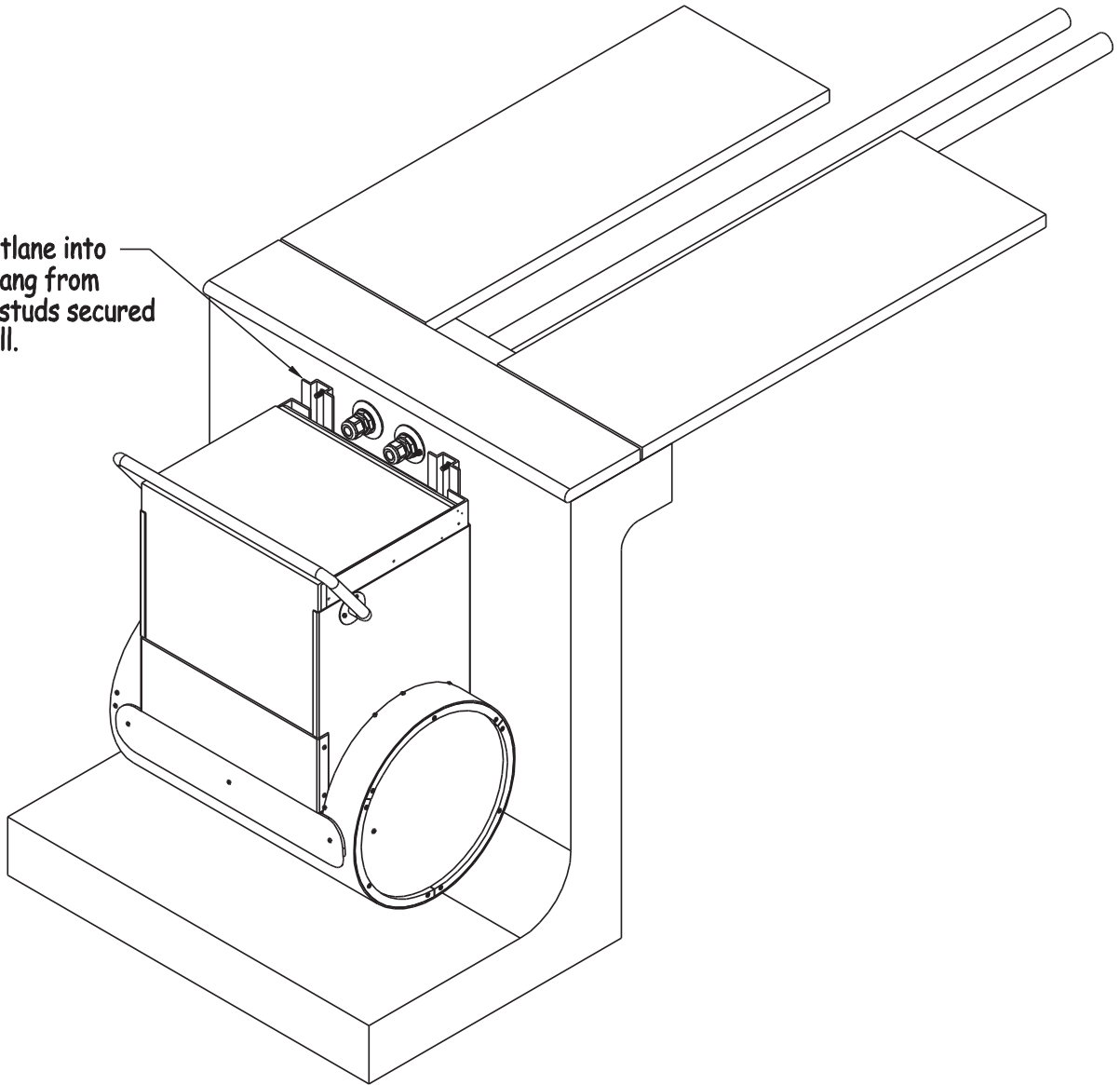


8. The hydraulic hose attached to the Fastlane will extend 25' (7.62m) beyond the pool wall. If the power unit is more than 25' (7.62m) away from the pool, then additional hose will be required. If this is the case, then a junction box will be required. The junction box should be 24' 6" (7.47m) away from the pool so that the hose attached to the Fastlane terminates inside the junction box.

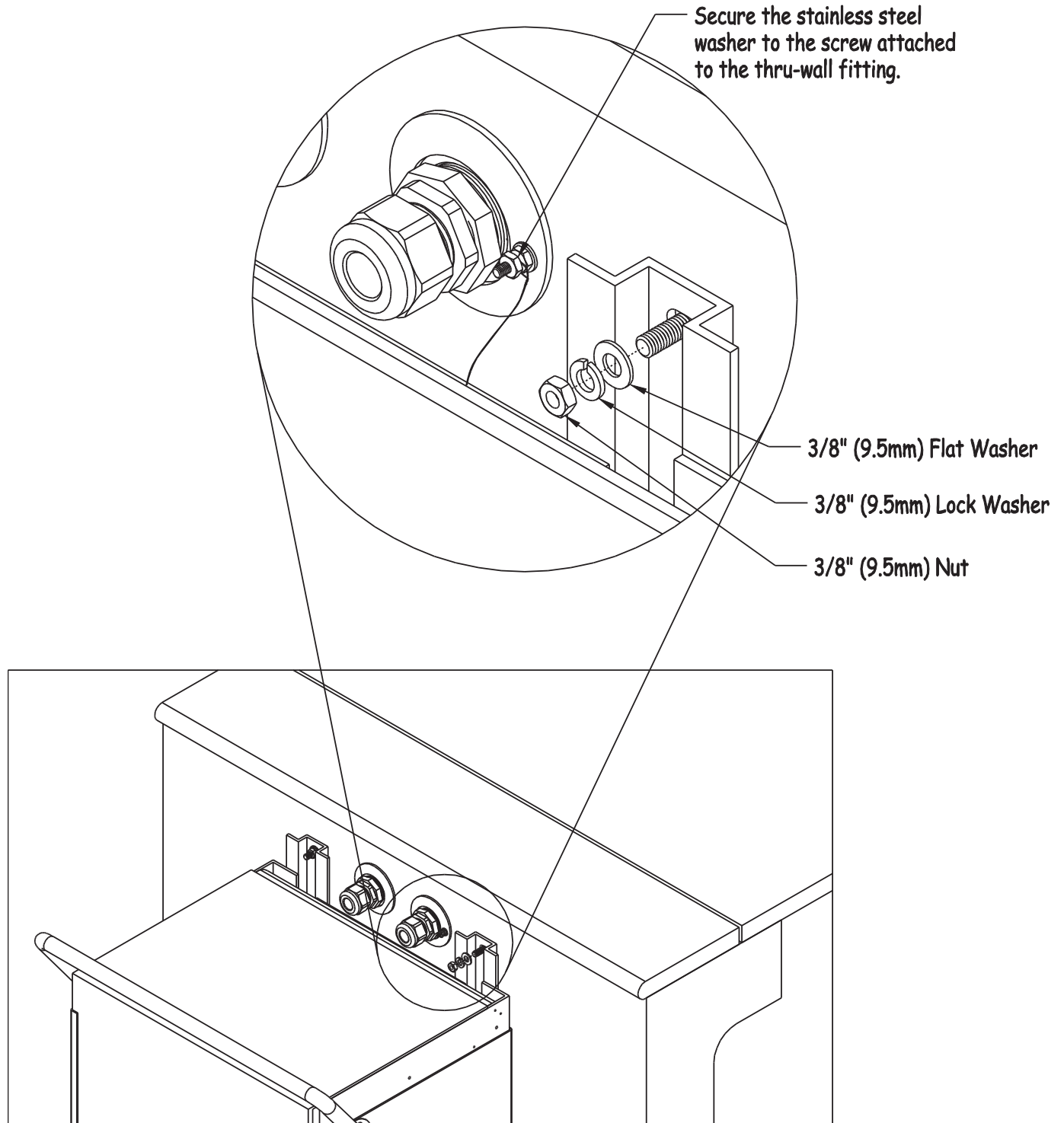


9. Assemble the Fastlane per section 6 of the Fastlane's Owner's Manual. This next step will require 2 people. Lower the Fastlane into the pool and hang the Fastlane from the mounting rods.

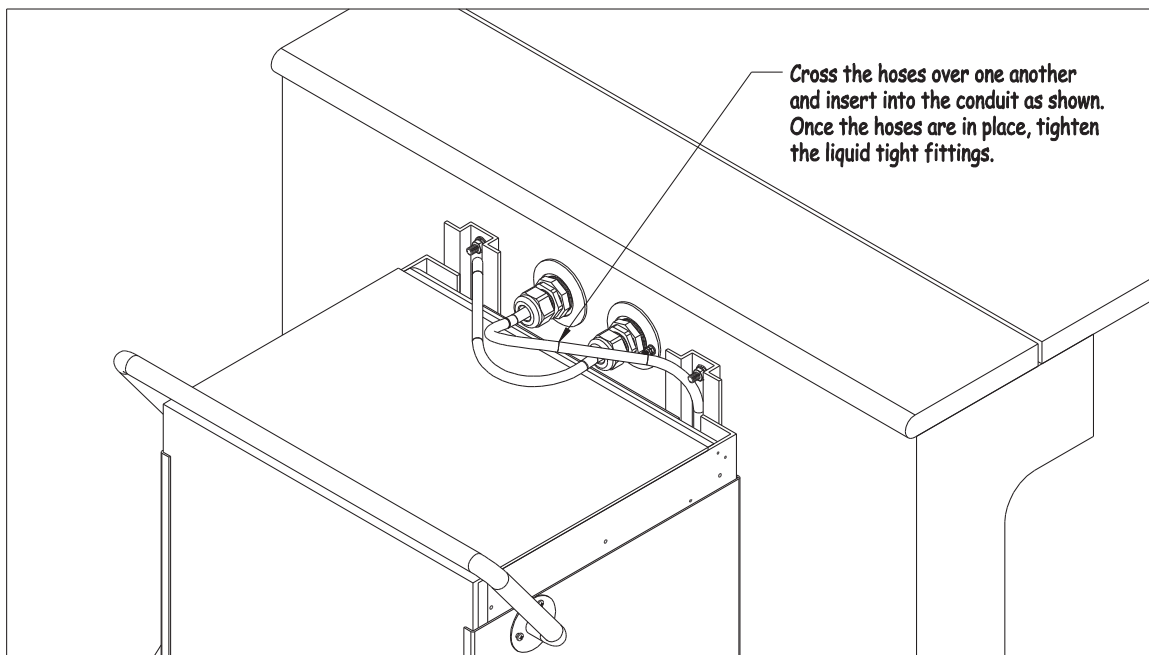
Lower the Fastlane into the pool and hang from the threaded studs secured to the pool wall.



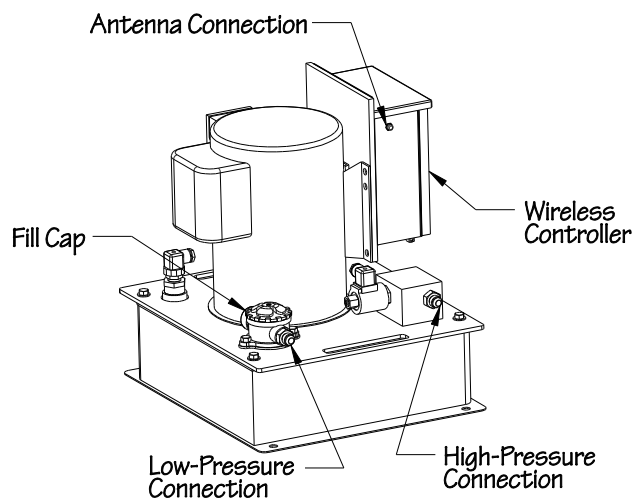
10. Use the provided 3/8" (9.5mm) washer, lock washer, and nut to secure the Fastlane to the mounting rod. Apply Teflon thread sealant to the male threads of the provided bushing reducers and thread them into the thru-wall fittings. Then apply Teflon sealant to the male threads of the liquid tight fittings and thread them into the bushing reducers.



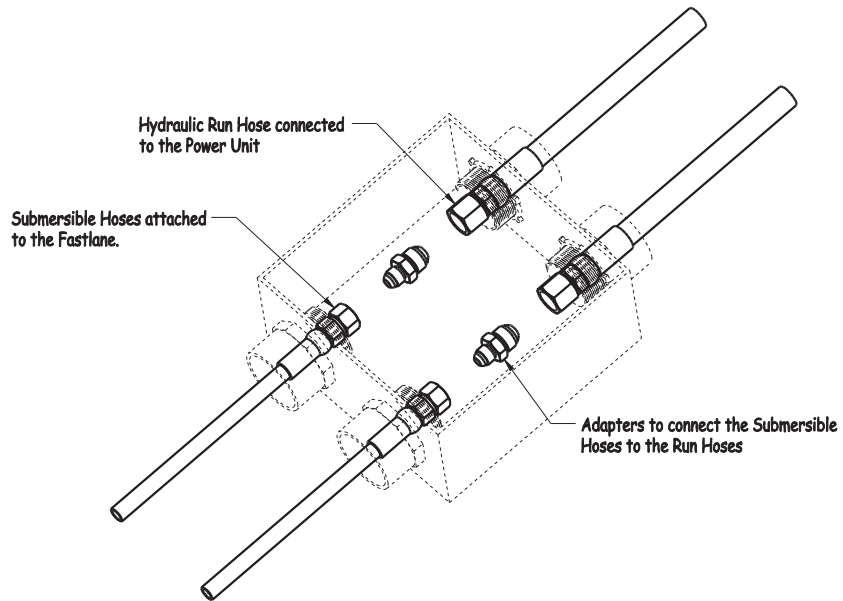
11. Next, run the hoses through into the conduit. Cross the hoses over one another and then insert into the conduit. There are 2 green hose clamps on the top of the Fastlane; these are used to secure the hoses to the top of the Fastlane. Once the hoses are secured, tighten the liquid tight fittings around the hoses.



12. If the hoses are to be connected directly to the power unit, attach the hose that has red tape wrapped around the fitting to the low-pressure connection on the power unit. Connect the other hose to the high-pressure manifold. Adapters will be required to attach the Fastlane submersible hoses directly to the Power Unit.



13. If the power unit is greater than 25' (7.62m) away from the pool, hoses will have to be connected inside of the junction box. Adapters have been provided with hydraulic run hose to connect these two different diameter hoses.



14. Install the lid onto the Fastlane using the provided pan head screws.

