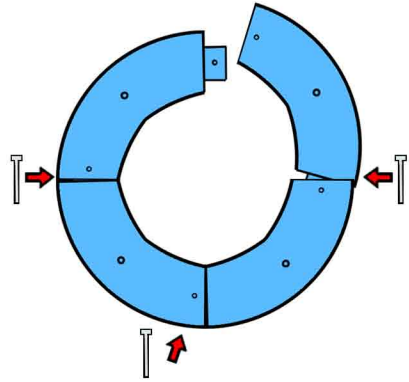
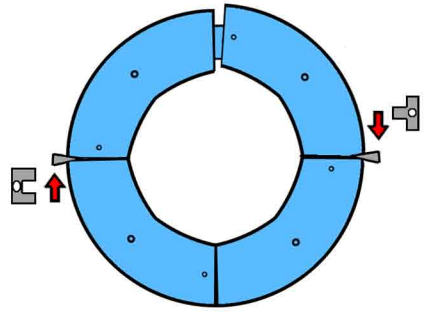


Bal-Last Tensioning Tool Final Assembly Instructions

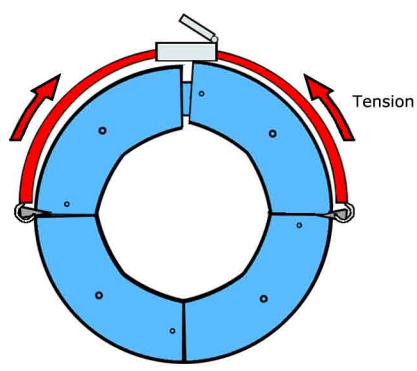
Assemble 4 blocks around tank base. Insert 3 pins into pin sleeves. Leave locking pin out.



Insert double wedge plate into pin gap. Insert single wedge plate into pin receiver gap.

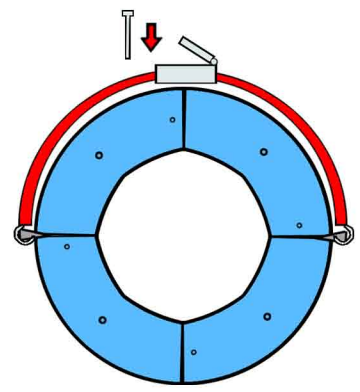


Use nylon ratchet strap attached to holes in wedge plates to tension final Bal-Last joint inward until last locking pin can be tapped into place.

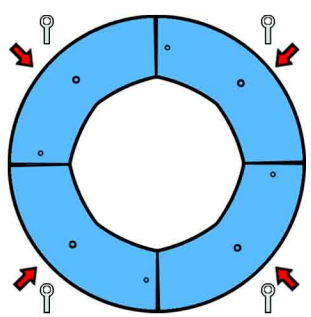


Insert final locking pin.

Remove ratchet and wedge plates before installing pump and ballast.



Thread 3/8 lifting eye bolt into threaded insert (typical).



Helpful Tips:

Install on level ground with 1/2 inch shim of plywood (Bal-Last Shim Pad) to raise blocks to align with tank ribs.

Be sure to remove any debris, soil, rocks, loose concrete, etc. from matching face of Bal-Last block and pump chamber.

Tensioning tool consists of double wedge plate, single wedge plate, and ratchet strap.

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Bal-Last™ Assembly

Temporary Plugs (right) protect the pin sleeves from accidental filling with concrete. These plugs are removed (below) prior to assembly.



A base shim pad made of plywood has a cut out circle to fit around the pump base. This allows the installer to raise the ballast blocks to align with the tank ribs. Starting three of the locking pins allows the block assembly to be maneuvered around the tank. The last connection slides together easily.



Starting the last of four locking pins allows the installer to then alternately tap the pins into place with a hammer.

