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## 23G Crate Removal and Caster Installation

### Crate Removal:

The 23G has an uneven weight distribution. Proper safety equipment should be used at all times when removing the 23G from the crate.

1. Mar Cor Purification recommends using a properly rated hoist to remove the 23G from the crate. To determine your 23G's shipping weight consult your Operation and Maintenance Manual. The 23G's maximum shipping weight is approximately 1200 pounds.
2. If a properly rated hoist is unavailable Mar Cor recommends having at least 3 persons to uncrate the 23G.
3. Mar Cor recommends using appliance straps or other stabilizing tools when removing the 23G from the crate.
4. Do not install the casters while the 23G is on the crate.

### Caster Installation:

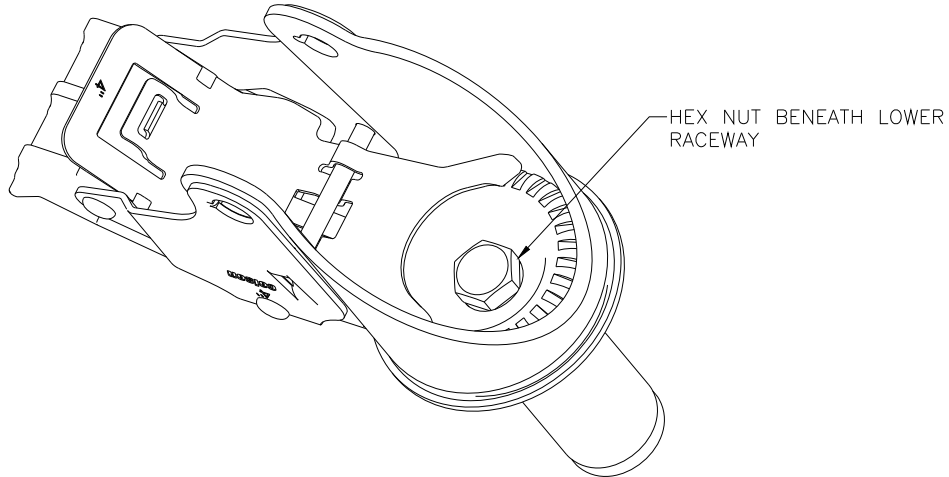
The 23G's caster should be installed on the machine *after* removing it from the crate. If the casters are installed on the machine before removing it from the crate, the casters might experience undue stress if the equipment is lowered to the floor at an angle or it is dropped.

When installing the casters, use a pallet jack or equivalent to lift the 23G off the floor. Make sure the unit is secure before doing any work. Place the pallet jack under the 23G's pump end and remove the feet on the 23G frame that were shipped with the equipment. Prior to installation use a 7/16" wrench to turn the hex nut beneath the caster's lower raceway to expand the rubber adapter (See Drawing 1). Expand the rubber adapter so it fits snugly inside the equipment's tubing (See Drawing 2). Then insert the four casters with the larger mounting adapters (Diameter 1 3/8" – 1 7/16") inside the four square metal tubes on the pump's side. Tighten the hex nut on the casters until the casters are securely in the tubes.

Use the smaller mounting adapter (Diameter 1 1/8" – 1 3/16") for the square metal tube on the housing end of the machine. Turn the hex nut beneath the caster's lower raceway to expand the rubber adapter (See Drawing 1). Expand the rubber adapter so it fits snugly inside the tubing (See Drawing 2). Then insert the caster into the square metal tube and, further tighten the hex nut until the caster is securely in the tube.

When finished installing the casters, lower the 23G to the floor and move it to its spot in the floor plan.

## Drawing 1



## Drawing 2

