



### Rebuilt Thomas Vacuum Pump Instructions

The Project EVS vacuum press instructions show a Gast vacuum pump with a potentially different layout of the vacuum and exhaust ports than this Thomas pump. Follow these instructions and be sure to install the EVS parts based on the location of the vacuum port discussed below.



1. If there are barbed fittings already attached to any of the ports on the pump, please remove them. Do not remove any plastic or hex-shaped plugs or pressure release valves. When this step is complete, there will be one open exhaust port and one open vacuum port on your pump.
2. Set the pump on your workbench with the motor label facing toward you. Attach the brass muffler (included) to the exhaust port on the left side of the pump.
3. The port of the on the right side of the pump is where the vacuum fittings are attached.
4. The two power wires (120v AC) are either black and white or blue and brown. If the wires are black and white, then the black is the hot wire and the white is neutral. If the wires are blue and brown, the brown is hot and the blue is neutral. Most vacuum pumps do not have a ground wire. A ground wire can be attached to any one of the eight screws on the pump head.
5. Depending on the model of the pump, plastic spacers may be required for the pump to mount properly to your carrier. We have included four spacers for the pumps that have this requirement.

Please note that the cooling blades are exposed. It is your responsibility to adequately protect the blades from any foreign material such as wires, tubing, and *fingers*.