Bridge style waterjet Pre-installation

Step 1,

Take everything out of the water tank.

A: Some spare screws

B: 8 crews and washers for the high-pressure tube clamps

C: 8 bolts for leveling the water tank and the frame

D: 8 pins for line up the frame

E: 8 blots, lock washers and flat washers for the frame

F: 8 screws, lock washers, flat washers and screw nuts for the gantry.

This is the 4-axis head assembly.

Step 2

Locate the machine following the floor plan/map.

For 6x4 and 8x4 machine, the pump can be put in the back or in the left of the water tank.

For 10x6 and 12x6 machine, the pump should be put in the back of the water tank.

The controller should be put in the left-front corner of the table.

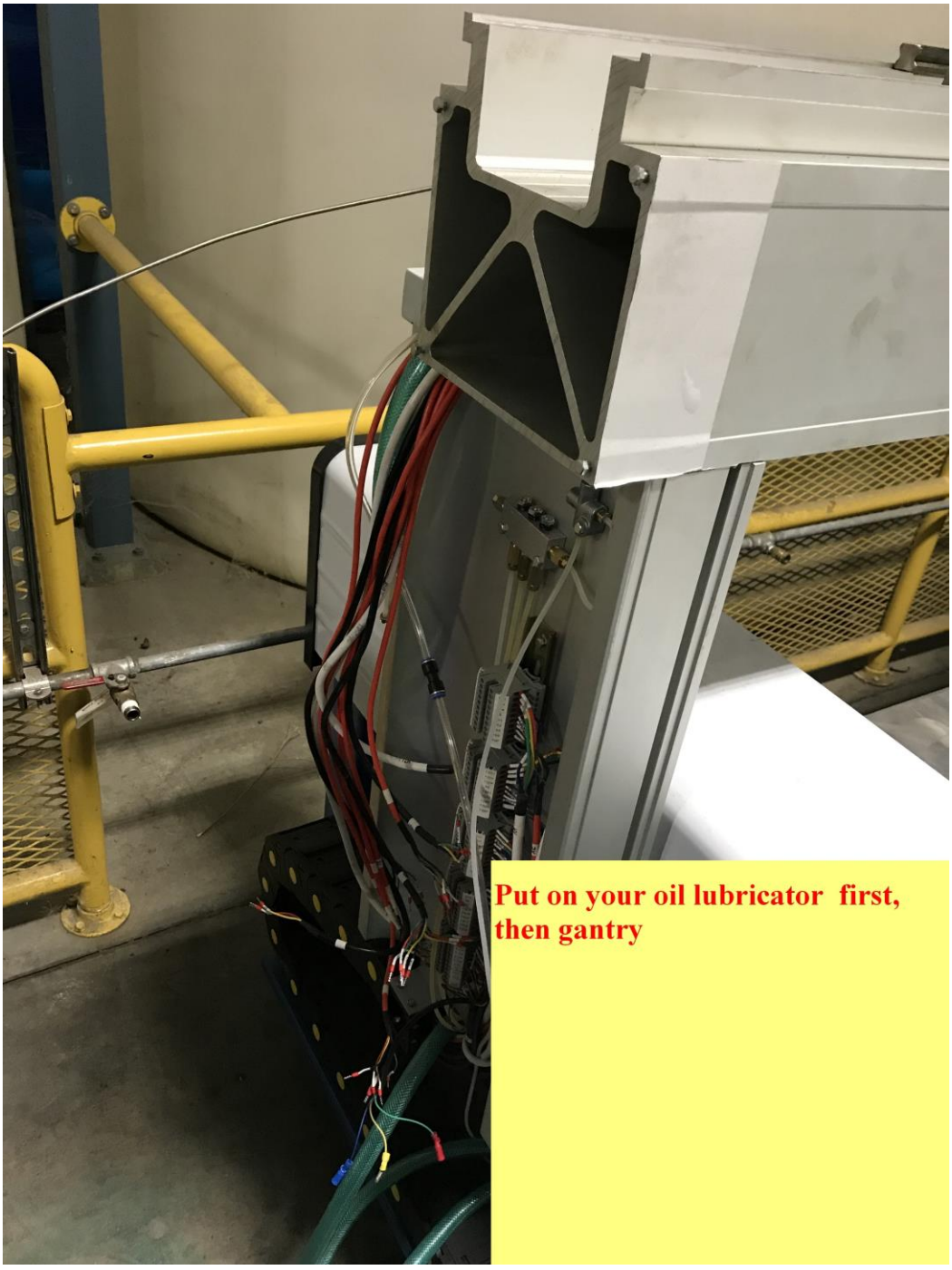
After we know the place we are going put for all components, we can start.

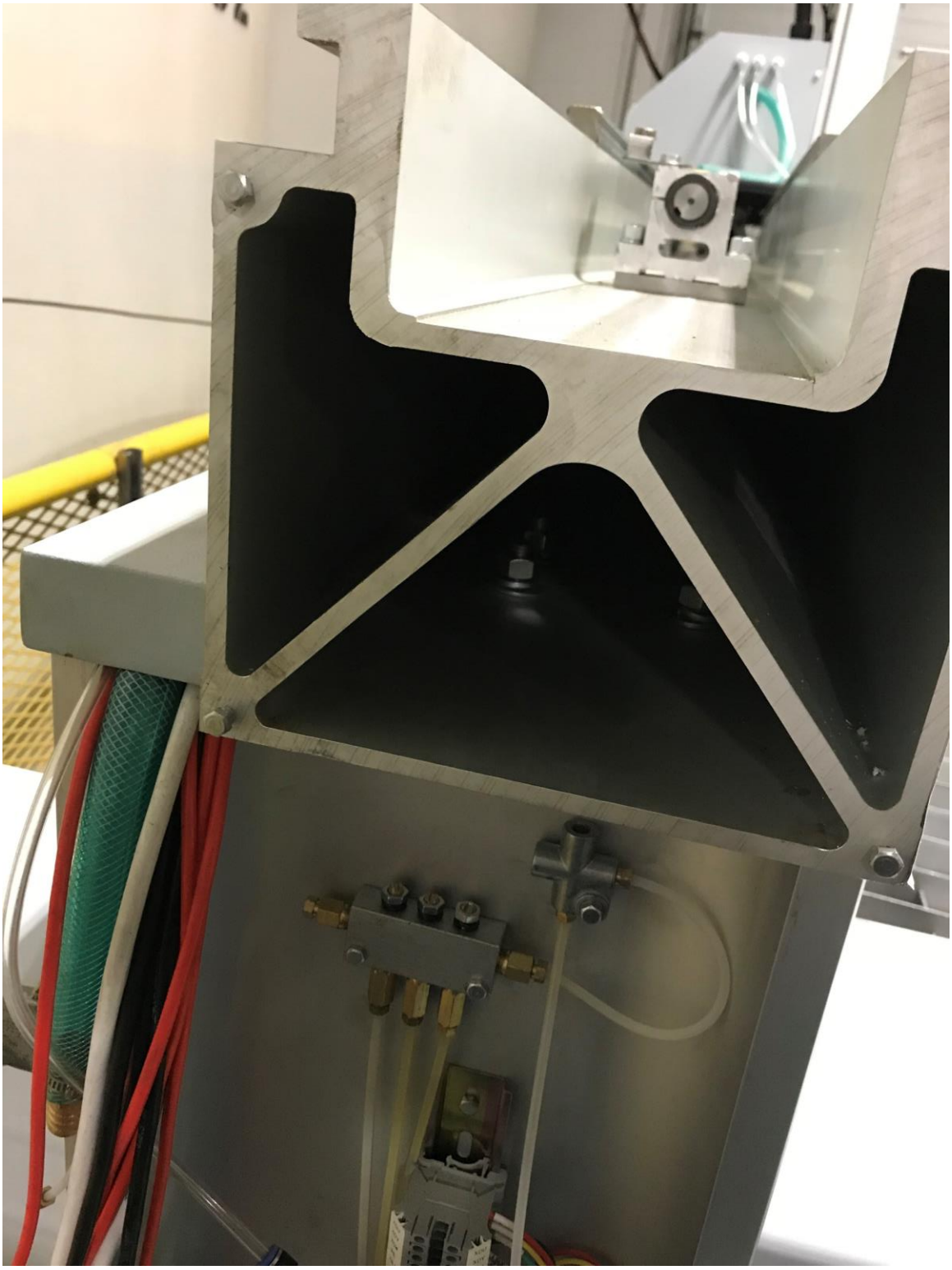
1. Put the pump and water tank in the right place first. Put steel pad under the water tank feet. Use the bolts to level the tank. Make sure the rear side of the pump is facing the water tank

2. Put blue/black/grey frames around the tank. Connect the frames with bolts and locating pins. There are two frames in X direction. The one with letters is the front one. If the rear one can't line up with the locating pins, you need to flip that rear frame. It only works in one way. In this step, it is highly recommended to put on the **pins first** or just put on one bolt then the pins. The threads on the pins is towards outside. Steel pads need to be put under the feet and level the frame with bolts and the bubble leveler on the frames.

3. Put on the oil lubricator in this step

4. Remove the two panels on the end of the gantry. Also remove the side panel on two Y axis gantry support. Put the gantry on the machine. Don't cut the wires through the gantry.
5. Put on the bolts for the gantry. **Keep them loose.** See the picture bellow.





6. Measure the cross corners of the frame to square the frame.
7. Put on the 4-axis head. There are four holes on the back of the 4-axis head box. This matches the holes on the Z-axis.