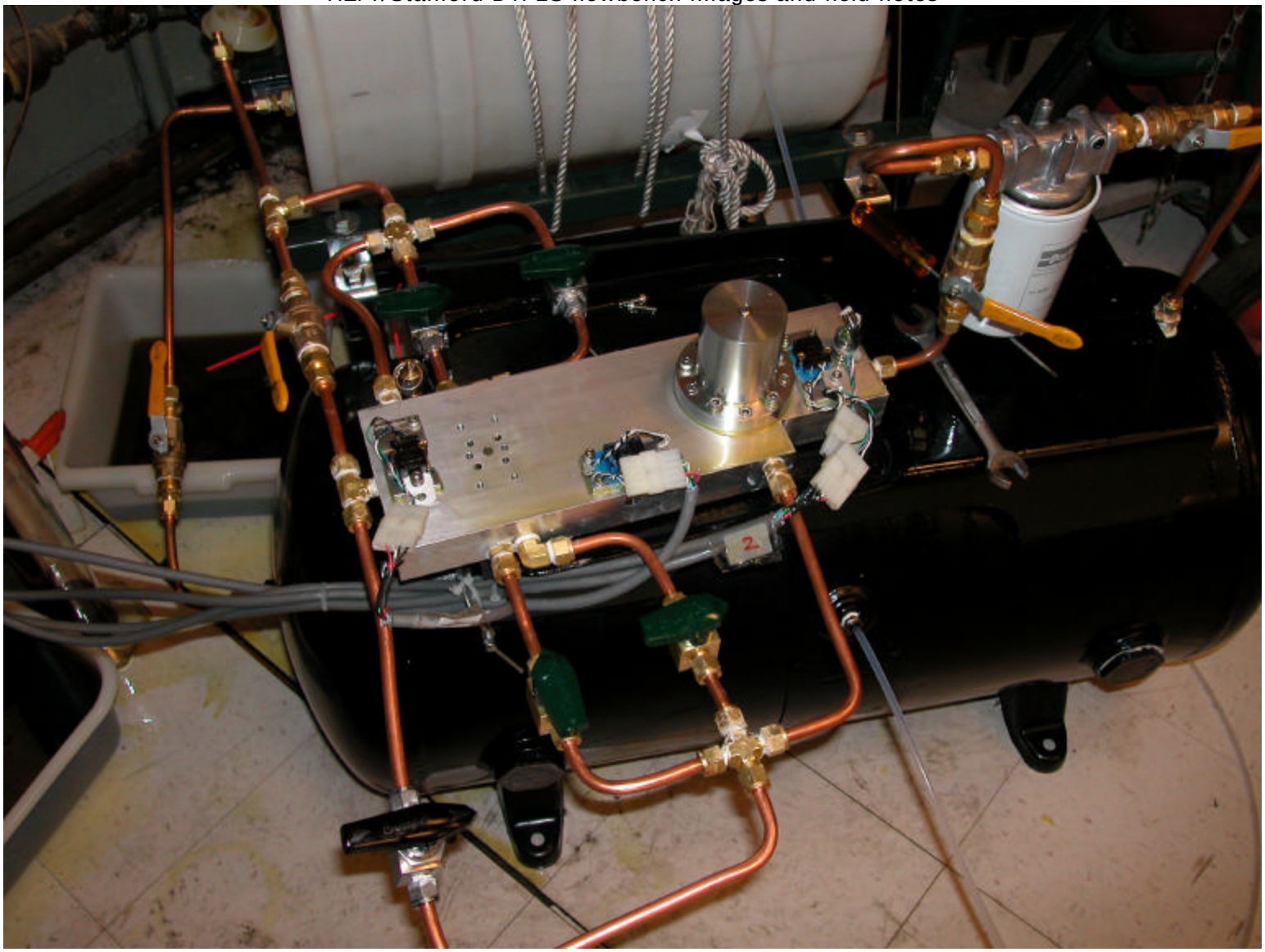
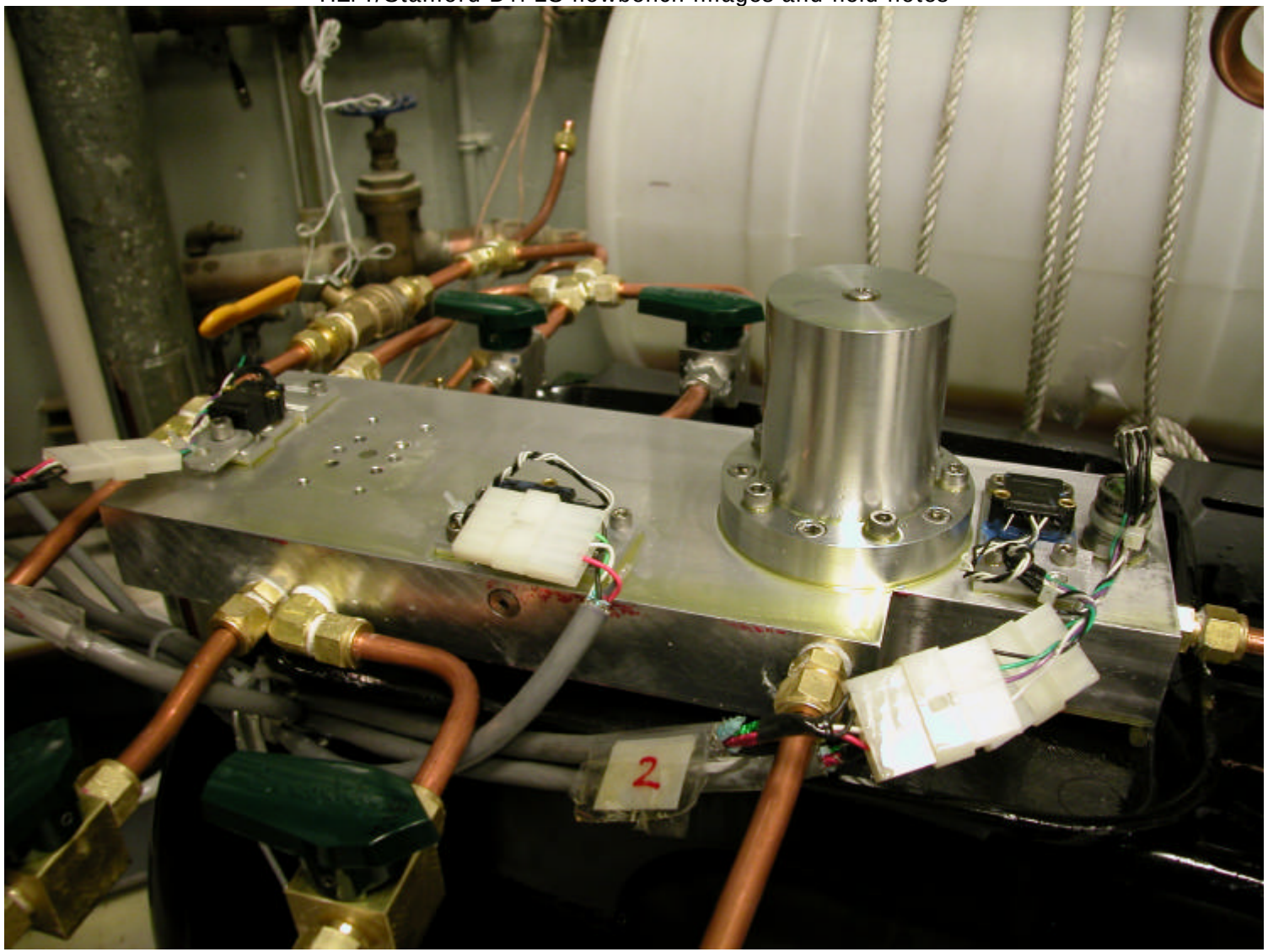
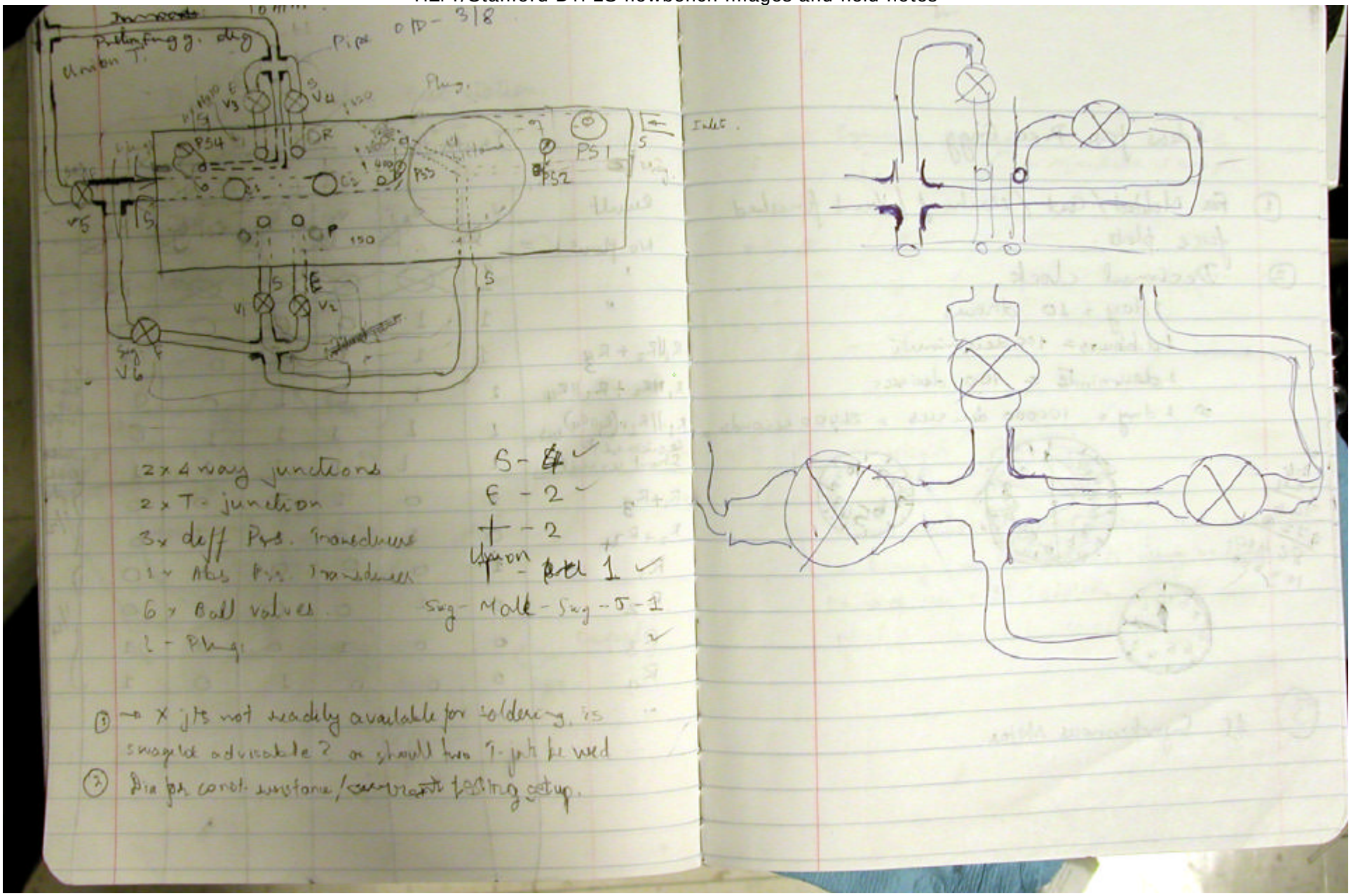


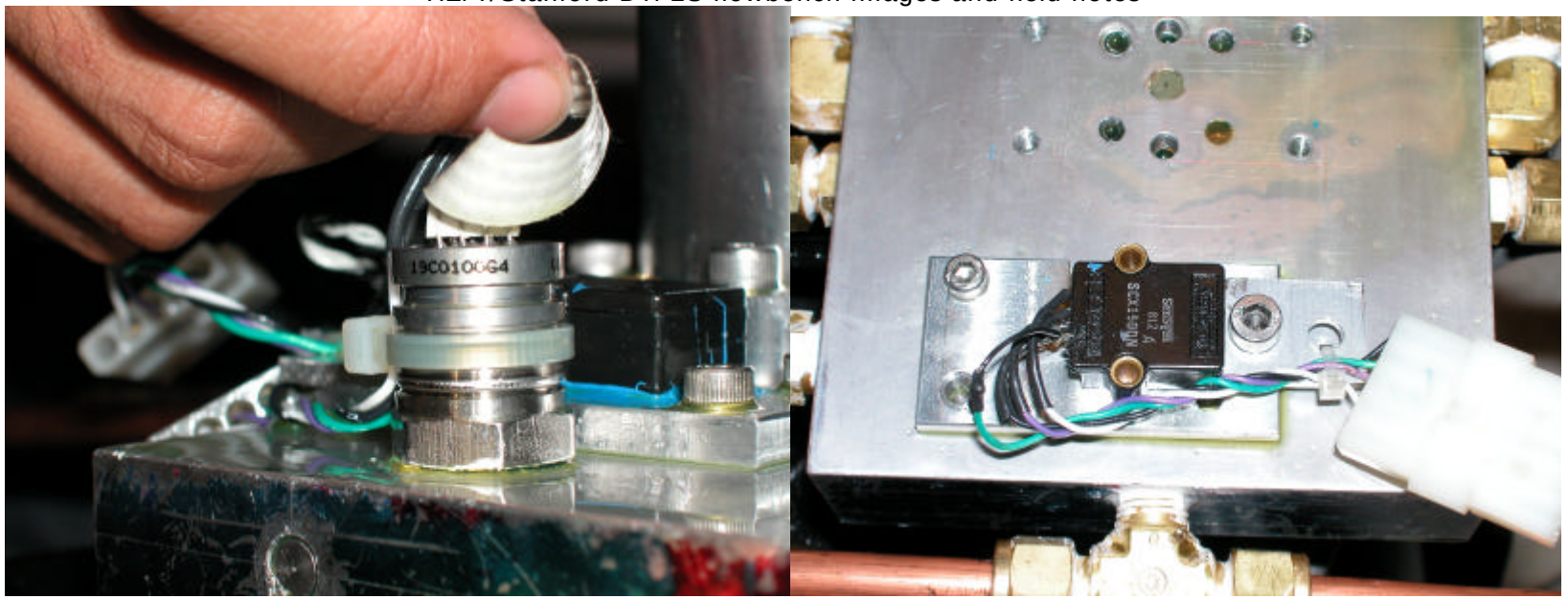
General view of the Stanford flowbench used for adjusting and calibrating the Parker DYP2S valves.



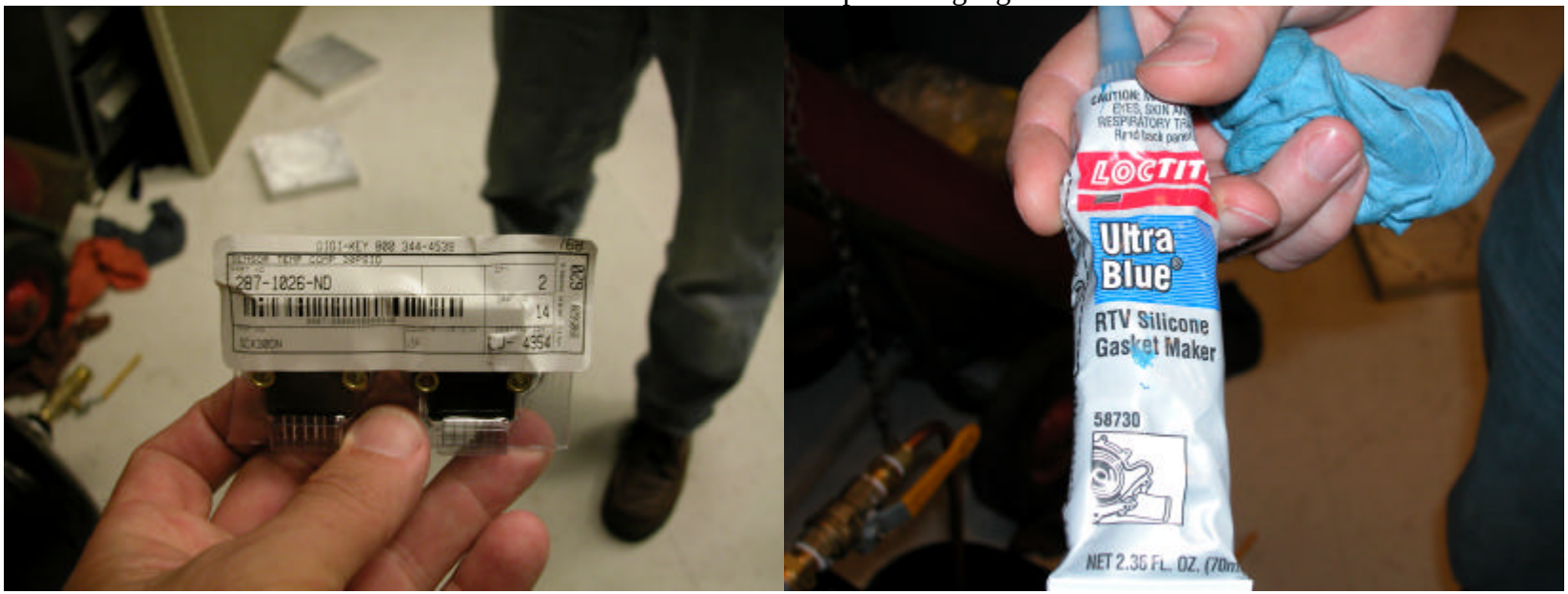
Cylindrical vessel on right is resistor. Parker valves mount at hole pattern on left. Small cylinder to right is absolute pressure gauge measuring input pressure of oil. Three black devices are modified differential gauges



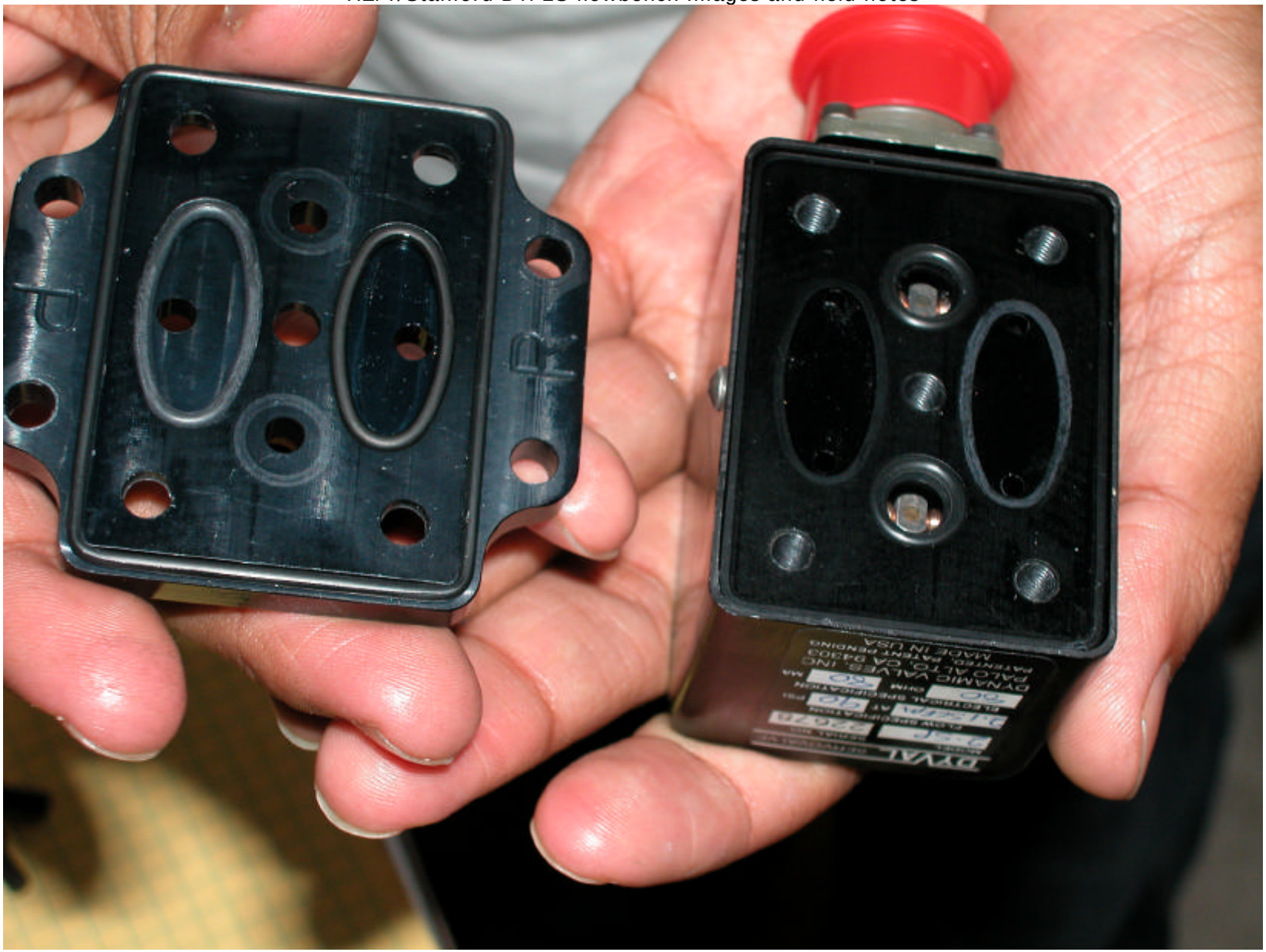
This page from Amit's notebook – schematic of the flowbench.



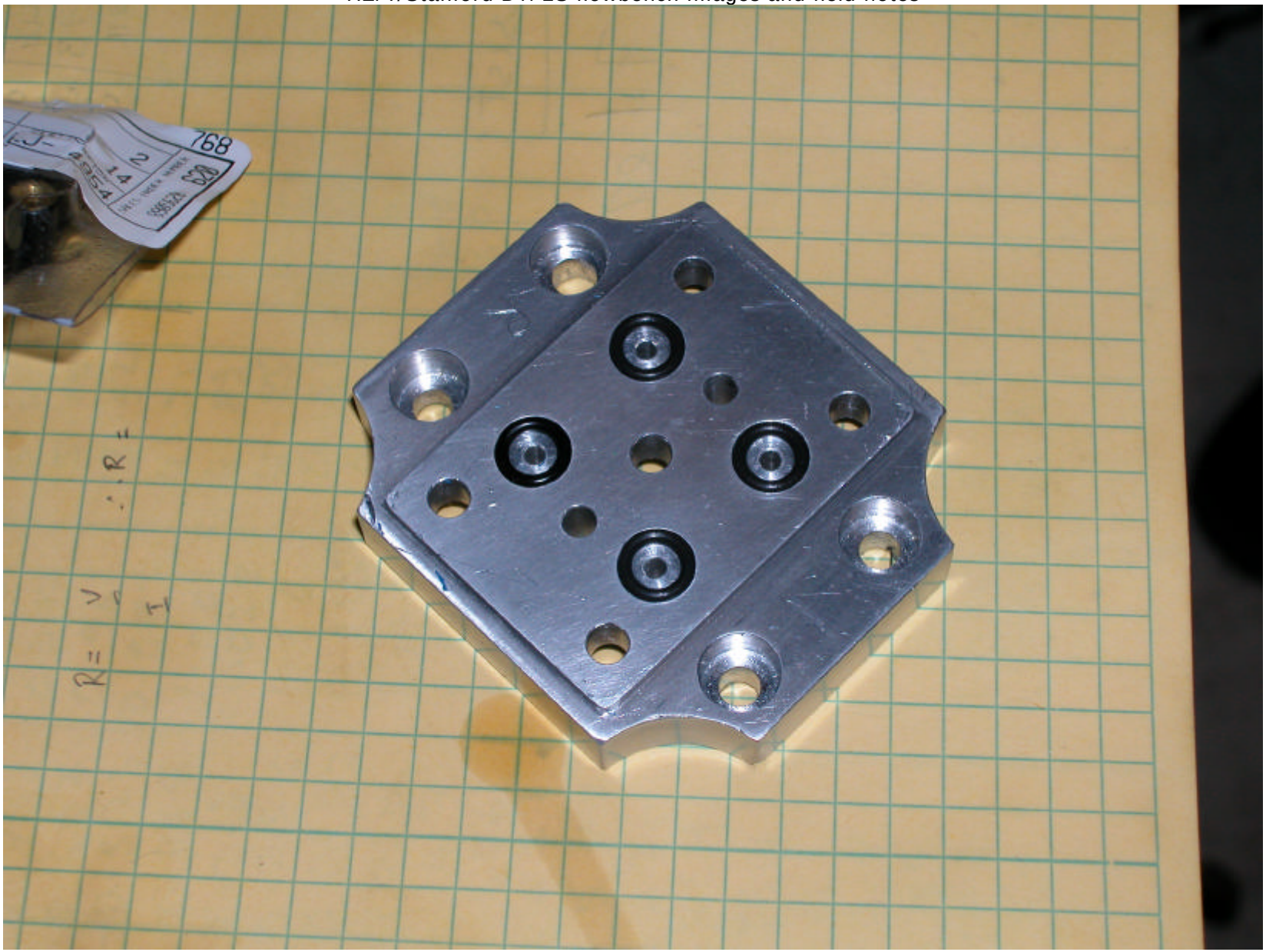
Absolute and differential pressure gauges



This is how Amit made the differential gauge, by bonding a DigiKey part to an alum plate



Parker DYP2S with baseplate removed. 4 nozzles can be seen on right. Two nozzles are combined through the eliptical port seen on left



This is the replacement baseplate used to isolate each of the 4 nozzles for calibration.

This is a dummy valve, which is placed on the flowbench in place of a Parker valve. Its purpose is to establish a zero resistance baseline before the valves are tested.