

***ASSEMBLING THE PULLTEST
HARDWARE***

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Step 1: The RCH cylinder and stand should be bolted together using the bolts which are supplied (middle).





Step 2: Assemble the Displacement Sensor Clamp

The displacement sensor clamp should be assembled as shown below.



Step 3: Clamp the displacement sensor to the cylinder.



Step 4: Add the Displacement actuator.

The actuator contains a ring magnet which interacts with the displacement sensor to measure load. A spare ring magnet was supplied.



Step 4: Add the donut load cell.



It is of paramount importance that the load cell be inserted between the two flat platens. Failure to compress the load cell between two flat surfaces may result in inaccurate readings. Eccentric loading may also result in inaccurate load cell reading. Always compare load cell reading with the pressure in the line multiplied by the area of the cylinder.