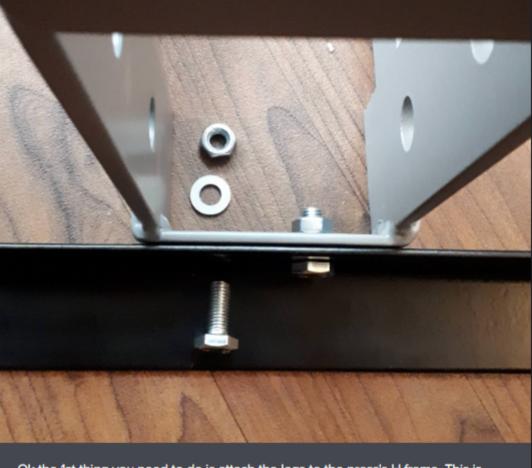
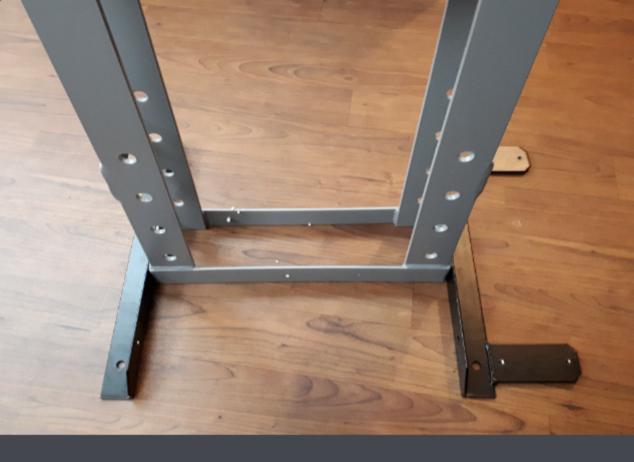




Make sure everything is there. Take the time to check the parts against the list provided!



Ok the 1st thing you need to do is attach the legs to the press's H frame. This is pretty much self explanatory, so here are the basics. Assemble the bolts as shown. Washer goes on the nut side in this case.



There is a left and a right side to this. You pick what side you want the pump to be on. RIght handed use the right side. Switch for left handed people.



Here is the base assembled. If the frame wobbles in any way, (give it a shake!) then you need to get those nuts and bolts tighter!



Assemble the 'head' of the unit. I find if I tighten these bolts with the springs until they just come out on the bottom of that black plate with the big hole, the tension is good on the rollers.





Once the roller base is on, slide the ram cylinder into place. You can adjust this 'top donut ring' to adjust the height of the actual ram.



Here you can see the 4 bolts with the springs coming out the bottom of the plate. Tighten or loosen these to suit your needs for tension on the rollers. I suggest at the minimum you have these bolts flush with the bottom of the plate. I chose to have them sticking out a bit so that if i see one not sticking out there one day, (bolt could move during operations) then I know I need to do some maintenance on the press. You can also see the big slotted ring has been screwed onto the ram cylinder you put into the roller assembly hole. Spin this on by hand as much as you can.



Now would be a good time to check and see if this piece is snug and not hanging/dangling down. If it is loose then hold it in place snug up to the ram and tighten this set screw with an Allen Key. You do not want this loose!



Here is the position of the ram outlets for RIGHT HANDED users. Spin it the other way for LEFT HANDED users! Have the one coming out the side pointing just a little bit to the back of the frame. This is where the hose of the pump attaches. Position accordingly. Go to next image.



After positioning the ram, get a hammer and some kind of metal rod or a heavy duty screwdriver. You can see what I am doing in the picture above Hit this ring as many times as you have to UNTIL it stops moving.



Be sure to position your tool correctly! I can not stress enough how important you get this spin on collar tight and i mean TIGHT. POUND. IT. HARD. Do not stop until it stops moving..then hit it 3 more times! TIGHT!



This is the joint for the pump hose. Take off these plastic protectors



Now is the time to get some plumbers tape and use it on ALL connections you have to make in this guide. Be sure to wrap the tape in the same direction on the threads as you screw it in.

Here you can also see where you use the crescent wrench to hold the pump hose steady while tightening the spn collar

DO NOT MISS THIS TAPING STEP!!



Inspect the pump hose end. Be sure it looks undamaged and be sure you dont have tape sitting on that flat surface Tape should only be on the threads. You can see the spin collar on the ram cylinder. When you tighten this get some paper towels and put it under the connection points throughout this assembly. Be prepared for minor oil loss when connecting joints.

Now this particular spin collar is a 'finger' tighten set up. IGNORE THAT. Use a vice grip on the spin collar to tighten this! Use a crescent wrench on the hose side!

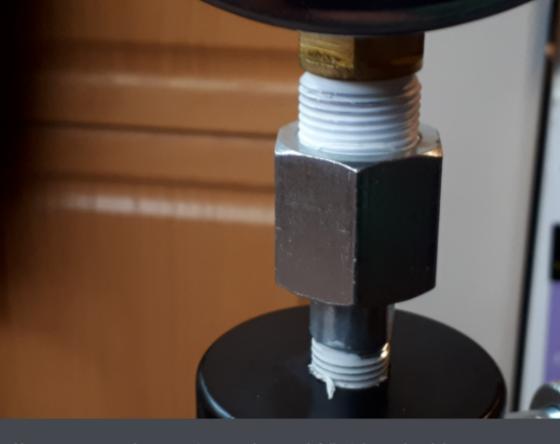


Ok now that the pump hose is attached, let's do the gauge. Apply plumbers tape again. So when you 1st get your press there will be a metal plug in here. Take that plug out (I have already removed it and the spin collar is loose.

After removing the plug you will see this white nylon gasket inside. You will also have an extra one in a little plastic bag. It is a spare. Save it.



When attaching the gauge, do not use the gauge itself to tighten it to the press. See this brass fitting.. use a crescent wrench on this part to hold the gauge it the spot you want to view the face of the gauge.



Here you can see the gauge is properly seated, fully tightened and there are no leaks. I can not stress enough about using plumbers tape. If you don't, there is a high chance you will have a leak when under pressure. Use it!



Attach the pump to the side of the press using the bolts supplied. Screw the handle into the pump.



- 1. To bleed the air out of the pump., raise the ass end of the pump a few inches . I just used the 2 3/4" plates stacked on top of each other.
- 2. Make sure the ram release valve (that's the one that lets you raise the ram) is OPEN..it doesn't have to be falling out open, just give it a full turn open and let the ram raise up all the way into the ram cylinder. This allows any air in the hose to be pushed into the pump for removal in the next step.
- 3. See that little finger valve on TOP of the ass end of the pump.. open that. This is the air bleed valve. You may or may not hear a puff of air come out when you crack this valve. If you don't, that is ok. Just close the finger valve tight and you are done!



The 2 half plates that come with the press can be used with a bit of duct tape. Yup. You heard me. Duct tape.

When pressing, the constant on and off again nature of the pressure will eventually move the plates apart.. if this happens and you do not notice.. the whole thing will come crashing down on you one day.

So... basically all you do is the move the plates apart.. so that the entire length of the cage or plates is supported and duct tape then to the inside of the H frame of the press.