

Assembly Guide

Professional Pneumatic Hydraulic Press

20-Ton

555-81657



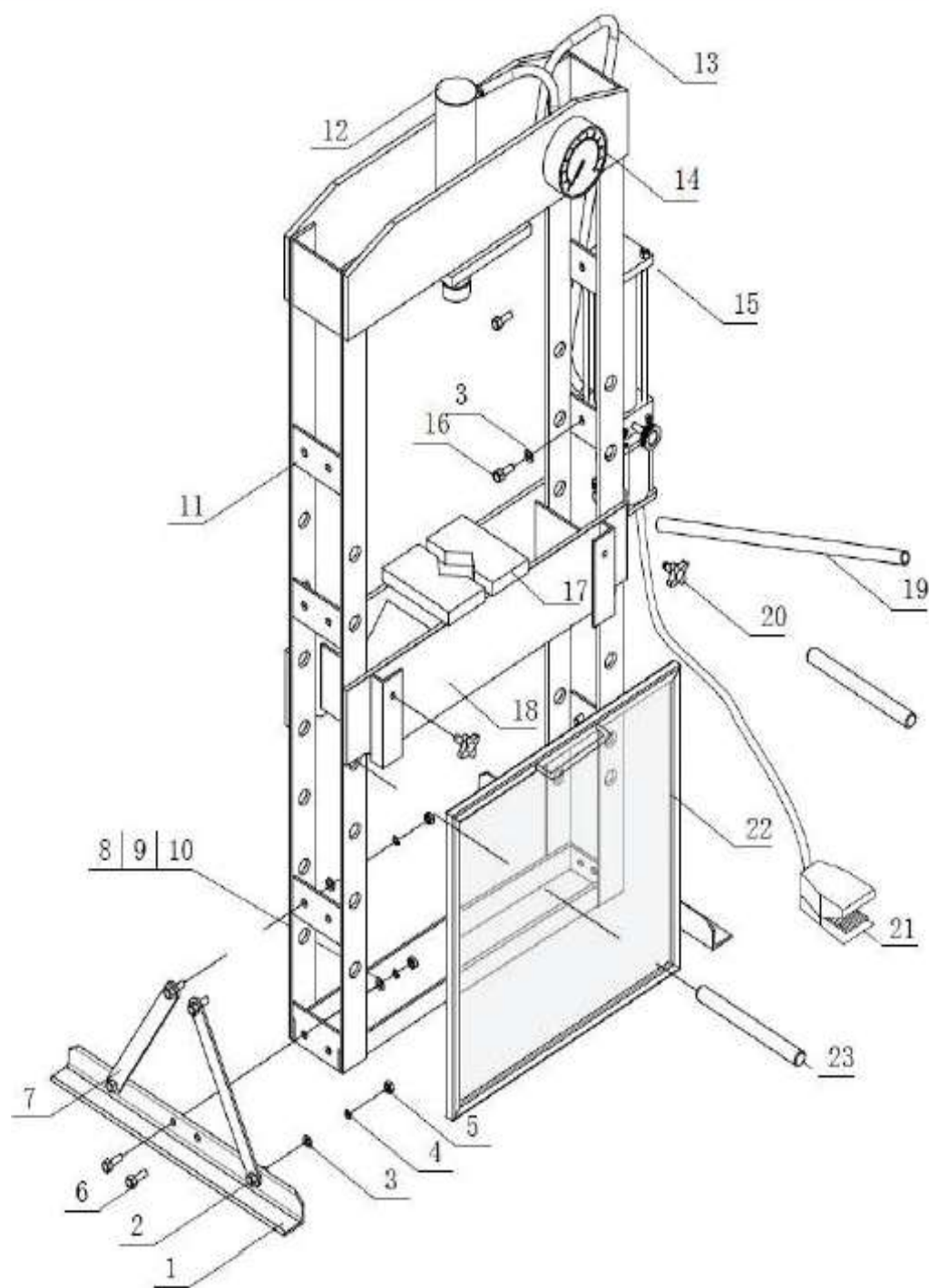
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1-800-345-4545

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Parts List



#	DESCRIPTION	QTY
1	Base Section	2
2	Bolt (M10 x 30)	8
3	Lock Washer (M10)	8
4	Flat Washer (M10)	12
5	Nut (M10)	8
6	Bolt (M12 x 35)	4
7	Bracing Plate	4
8	Lock Washer (M12)	4
9	Flat Washer (M12)	4
10	Nut (M12)	4
11	Base Frame	1
12	Ram Assembly	1
13	Hydraulic Hose	1
14	Pressure Gauge	1
15	Pump	1
16	Bolt (M10 x 16)	4
17	Heel Block	2
18	Bed Frame	1
19	Jack Handle	1
20	Wheel Handle	2
21	Foot Valve	1
22	Protective Guard	1
23	Bed Frame Pin	1

Read Before Assembly Safety

Thank you for your purchase of this JEGS 20-Ton Professional Pneumatic Hydraulic Press. This press is designed to reduce labor and increase efficiency when straightening, bending, and pressing parts.

Before assembly, please be sure to verify that all of the components have been received. Reference the parts list on the previous page. If any components are missing or damaged please contact customer service at: 1.800.345.4545.

If you are having issues, or have questions regarding the assembly or operation of this press, please contact our technical support department at: 1.800.345.4545.

Return Information: Before modifying any of the parts of this press, please trial fit all components. ***Once this press has been modified, it will not be accepted for return.***

Read all instruction before using this 20-Ton Professional Pneumatic Hydraulic Press.

1. Requirements

- Air supply of 70-90psi.
- Level floor to securely place press.

2. Inspection prior to use

- Inspect the air line fittings and hoses for damage and wear.
- Check for loose or damaged parts before each operation. Replace as needed.
- Clean work surface.

3. Safety

- Do Not operate this press beyond the rated capacity.
- Do Not compress springs or other objects that could be ejected from the press.
- Do Not compress objects that could shatter.
- Some parts may pop out or explode when under pressure. Use the safety shield and proper PPE.

4. Maintenance

- Keep your machine in good repair. Use the correct replacement parts and do not modify.

Notice

The use of this 20-Ton Professional Pneumatic Hydraulic Press is intended for experienced and knowledgeable users.

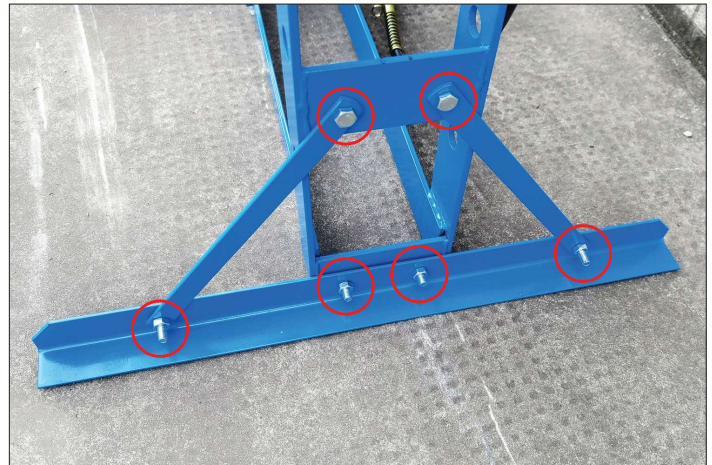
The performance of this press is the sole responsibility of the user based on their experience level.

It is the responsibility of the user to ensure that proper and comprehensive training of operators has been performed. Also, all environmental and safety precautions must be observed.

Before using this press read all instructions, literature, labels, specifications, and warnings affixed to the unit. If the operation of this press is unclear after reading this guide, contact our technical support department at: 1.800.345.4545.

Periodic inspection of the press is necessary to ensure that it is being properly used and maintained.

Assembly



Step 1

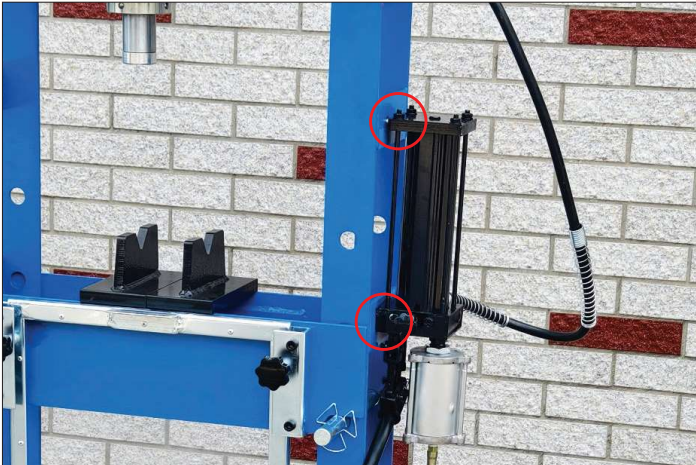
- Attach base section (#1) to the base frame (#11) with the bracing plates (#7).
- Use M12x35 (#6) bolts, and associated hardware, to mount base section to frame. Use M10x30 (#2) bolts, and associated hardware to secure bracing plates.



Step 2

- Prepare pump unit and foot pedal for assembly.

Assembly Cntd.



Step 3

- Mount pump (#15) to the side of the base frame (#11) using M10x16 (#16) bolts and M10 lock washers (#3). There are four mounting holes.



Step 5

- Insert the protection guard (#22) into the bed frame (#18).
- Secure with the wheel handles (#20).



Step 4

- Attach the hydraulic hose (#13) to ram assembly (#12) using the attached coupler.



Step 6

- Set you bed height using the holes in the base frame (#11). Secure with the bed frame pins (#23).

Operation



1. Place work piece on bed frame (#18).
2. Locate and close the relief valve. (Shown with red circle in photo to left.)
3. Ensure that your air supply line is securely fastened to the pump.
4. Arranging the heel blocks (#17) as needed, and locate your work piece on the bed frame.
5. Using either the pneumatic foot control, or the hand pump, locate the ram where needed on your part.
6. Once located, begin applying pressure until the desired result is achieved. **DO NOT OVERLOAD THE WORK PIECE.**
7. To remove the work piece, turn the release valve to relieve pressure and retract the ram.
8. Stabilize the work piece so that it does not fall when pressure is released.
9. Once the ram is retracted, remove the work piece from the bed frame.