

# User Guide for 81518

## Hydraulic Shop Press

6-Ton Tabletop



**JEGS.com**

1-800-345-4545

# Parts List



1	(2) Leg		6	(2) Spring	[555-81518-3]
2	(2) Pin	[555-81518-6]	7	(1) Jack	[555-81518-2]
3	(2) Adjustment Beam		8	(1) Mandrel	
4	(2) Steel Plate	[555-81518-4]	9	(1) Jack Plate	
5	(1) Frame		10	(1) Jack Handle	[555-81518-1]

## Read Before Installation

Thank you for your purchase of this JEGS 6-Ton Shop Press.

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.

The assembly of this shop press can be done with basic hand tools. If you are having issues, or have questions regarding the assembly 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. *Modified parts will not be accepted for return.*

## Specifications

<b>Capacity</b>	6-Tons
<b>Working Range</b>	0-230 mm
<b>Width</b>	320 mm

## Features

1. Used for parts straightening, bending and pressing
2. Multi-position bed for work height adjustment

## Operation

1. Place piece on press bed.
2. Locate and close release valve by turning it clockwise until tight.
3. Pump handle until the ram is near the work piece.
4. Align ram to work piece as needed.
5. Pump handle to apply load to work piece. Do not overload.
6. Release pressure by turning the release valve counterclockwise. Make sure your work piece is secure to prevent injury or damage.
7. Remove work piece from press bed.

## Warning

1. Read the entire instruction manual before use.
2. This press is intended for use by trained personnel. Do not use if you are not familiar with the proper operation of a hydraulic press.
3. Do not operate this press beyond its rated weight capacity.
4. Intended uses for this press include bending, pressing, and straightening.
5. Do not compress springs or other objects that could be ejected, or shatter.

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## **Warning Contd.**

6. Check the press for loose or damaged parts before each operation. Replace as needed before use.
7. Some parts being pressed may have a tendency to be ejected or explode when under pressure. Protect yourself accordingly. Keep hands away from the press when in use.
8. 8. Wear proper personal protective equipment (PPE) including goggles and gloves.

## **Maintenance**

1. Inspect the press before each use. Do not use if crack, leaks, or other damage is found.
2. Periodically oil moving parts, including the pump piston and hydraulic ram.
3. Check hydraulic connections, and hoses, before each use. Do not use if there are cuts, leaks or other damage.

## **Troubleshooting**

Symptom	Possible Cause	Collective Action
Pump ram cannot be moved	Moving parts may be binding	Lubricate or grease components
Ram does not retract, or does so slowly	<ul style="list-style-type: none"><li>• Reservoir overfilled</li><li>• Linkage binding</li></ul>	<ul style="list-style-type: none"><li>• Drain jack to proper fluid level</li><li>• Clean and lubricate moving parts</li></ul>
Pump lacks pressure	Jack oil level low	Add jack oil