



# 20 Ton Hydraulic Shop Press Instructions for Part # BD-PRESS-20H



## General Guidelines ⚠

- It is the user's responsibility to read and follow all instructions.
- Keep these instructions with the product at all times and review before each use.
- It is the responsibility of this product's owner to furnish the instructions to any person that borrows or purchases the product.
- Inspect the product before use to ensure it is assembled properly and all parts are in safe working order and free of defects.
- Never modify this product in any way.
- All circumstances cannot be addressed in these instructions. Please use common sense and practice general safety measures when using this product.
- Parts and/or instructions are subject to change without notice.

## Safety ⚠

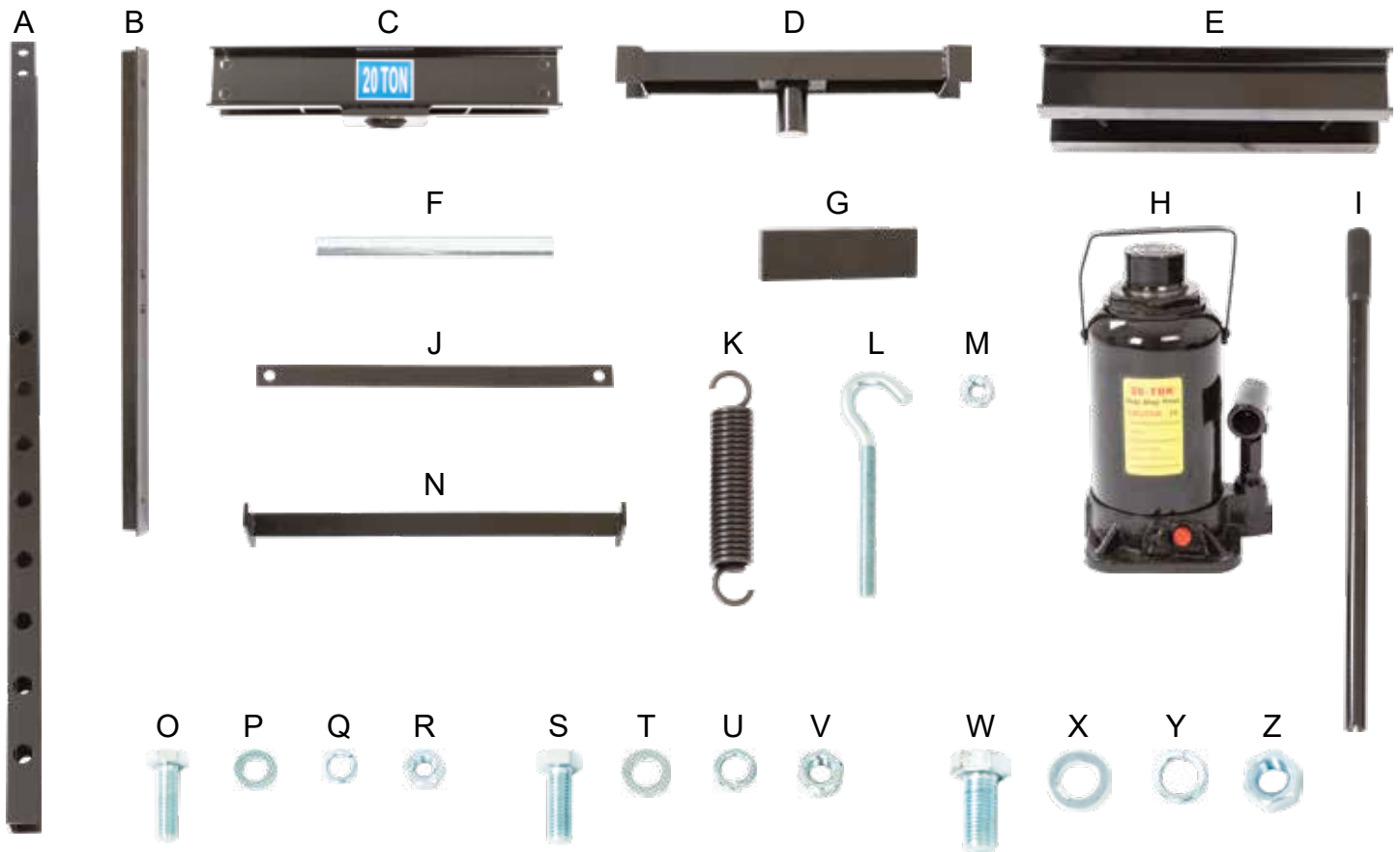
- Steel and other materials can shatter, so always use protective eyewear that complies with the appropriate ANSI code, a full-face safety shield, and work gloves when operating the press.
- Do not wear loose-fitting clothing when operating. Remove ties, watches, rings, and other loose jewelry and contain long hair.
- Do not use the press when tired or under the influence of alcohol, drugs, or any intoxicating medication. Do not allow untrained persons to operate the press.
- If you detect anything that may indicate imminent structural failure, stop using the press immediately and inspect it thoroughly.
- Only use the press on stable, level, and dry surfaces capable of sustaining the load.
- Bolt the press to the floor it is to be used with bulky or unstable items. If the press will be getting almost daily use, it is recommended to bolt it down.
- Do not use the press to compress springs or any other item that could disengage and cause a potential hazard.
- Safe assembly may require two people.

## Before Use ⚠

During shipment or handling, air in the jack can become trapped in the hydraulic system, causing the jack to malfunction. To release air from the hydraulic system:

- Turn the release valve counter-clockwise with the handle no more than two full turns.
- Remove the oil fill plug.
- Pump the jack handle quickly in several full strokes.
- Repeat the above steps as needed. Remember to replace the oil fill plug.

# Parts



Part	Description	Quantity
A	Frame Side	2
B	Base Support	2
C	Jack Ring/Header	1
D	Jack Plate	1
E	Press Table	1
F	Press Table Support Pin	2
G	Heel Block	2
H	Hydraulic Jack	1
I	Jack Handle	1
J	Side Brace	4
K	Spring	2
L	M8x70 Hook Bolt	2
M	M8 Nut	2

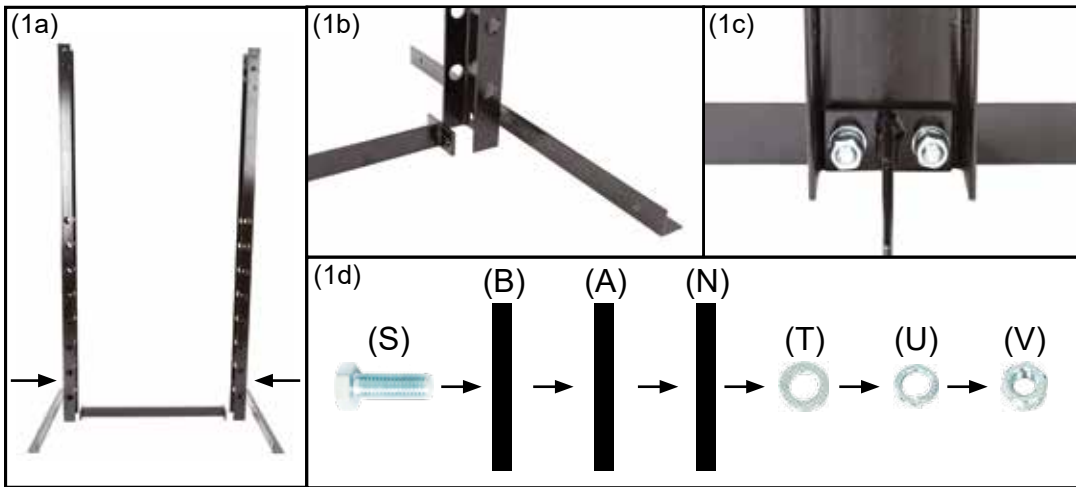
Part	Description	Quantity
N	Spreader Bar	1
O	M10x35 Bolt	8
P	M10 Washer	8
Q	M10 Lock Washer	8
R	M10 Nut	8
S	M12x35 Bolt	4
T	M12 Washer	4
U	M12 Lock Washer	4
V	M12 Nut	4
W	M16x35 Bolt	8
X	M16 Washer	8
Y	M16 Lock Washer	8
Z	M16 Nut	8

# Tools Required

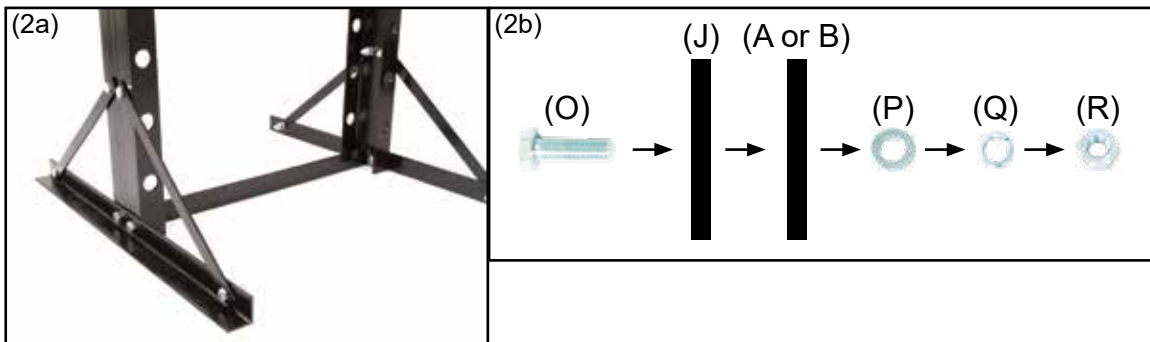
- 14mm wrench
- 17mm wrench
- 19mm wrench
- 25mm wrench

# Assembly

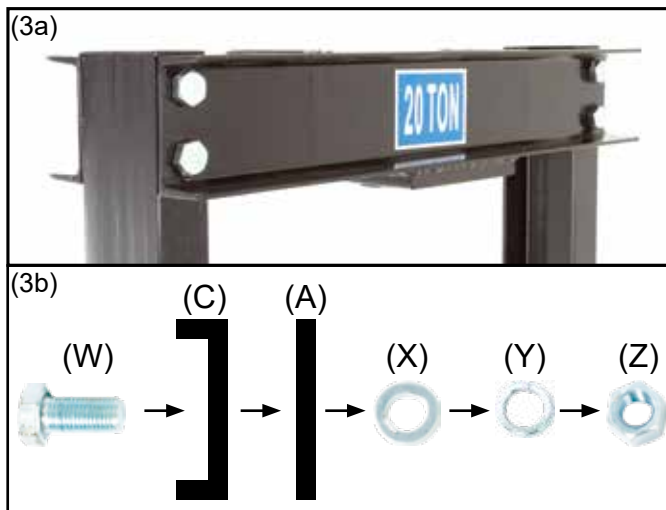
**Step 1.** Connect the two frame sides (A), base supports (B), and spreader bar (N) using the M12x35 bolts (S), washers (T), lock washers (U), and nuts (V). Secure tightly with 19mm wrenches.



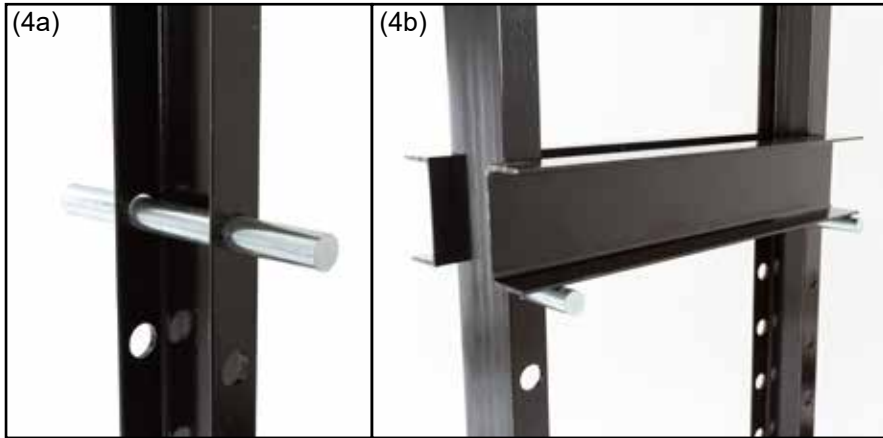
**Step 2.** Attach the side braces (J) to the base supports (B) and frame sides (A) using the M10x35 bolts (O), washers (P), lock washers (Q), and nuts (R). Secure tightly with 17mm wrenches.



**Step 3.** Attach the jack ring/header (C) to the frame sides (A) using the M16x35 bolts (W), washers (X), lock washers (Y), and nuts (Z). Secure tightly with 25mm wrenches.



**Step 4.** Place the press table support pins (F) into the holes on the frame sides (A) evenly at the desired height. Set the press table (E) on the pins.



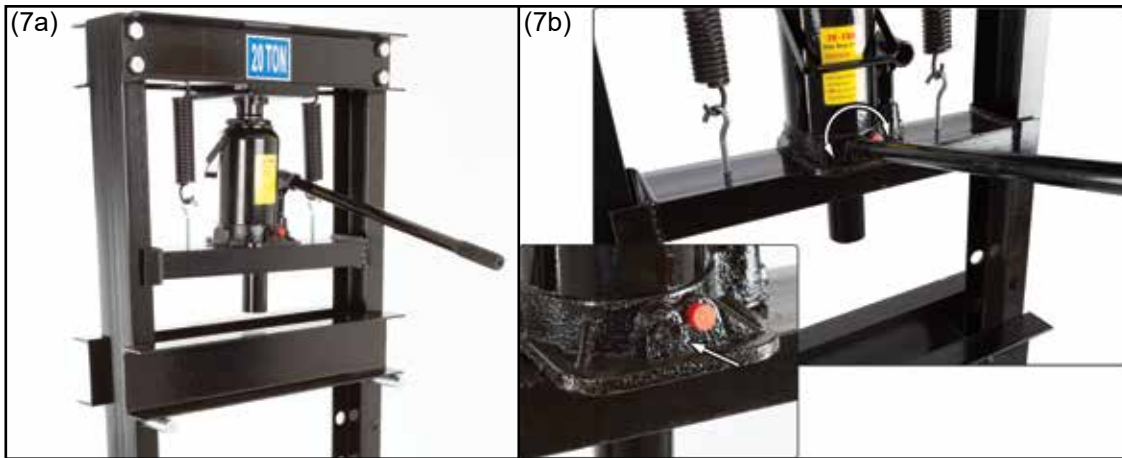
**Step 5.** Hook the springs on the bars on the underside of the jack ring/header (C). Insert the two M8x70 hook bolts (L) into the jack plate (D). Attach the M8 nuts (M) to the hook bolts. Thread them just enough so that they will support the jack plate. Hook the jack plate assembly onto the springs.



**Step 6.** Fit the hydraulic jack (H) between the jack ring/header (C) and the jack plate (D). Tighten the nuts on the hook bolts so that the hydraulic jack is secured in place.



**Step 7.** The jack handle (I) fits into a holder on the hydraulic jack. The pump handle can be used to open or close the release valve on the hydraulic jack.



**Step 8.** Optional heel blocks are included and may be used on the press table.



# Product Warranty and Liability

**GENERAL PRODUCT WARRANTY:** Products purchased from the Authorized Dealer (original place of purchase) or Merchant (“Dealer”) will be free of defects in material and workmanship at the time of receipt, and will meet the specifications stated at the place of purchase transaction or online at the Dealer’s website, under normal use and service when correctly installed, operated and maintained. This product warranty is effective for the period of time stated below, unless otherwise stated in the product instructions or depicted in the product advertisement. **All Authorized Dealer warranties are NON-TRANSFERABLE** and cover only the original end purchaser. This limited warranty does not cover products purchased through non-authorized dealers. Non-authorized dealer receipts are not accepted for warranty verification.

**\*\*\*Warranty claims must be made directly to the original place of purchase.\*\*\***

**WARRANTY PERIOD:** This warranty remains in force for one year from the date of the product’s accepted delivery. The Authorized Dealer offers a one year manufacturer’s warranty for most products unless otherwise specified on the product advertisement.

**WARRANTY SERVICE:** The Authorized Dealer will replace any defective or malfunctioning part at no charge, including payment of the shipping costs of parts or replacement product to and from the manufacturer. The purchaser is responsible for labor charges. If the product does not meet specifications as depicted in the advertisement, the Authorized Dealer will refund the full purchase price of the product.

Questions regarding the warranty on a specific product and warranty claims should be directed to the Authorized Dealer with whom the purchase transaction was made.

**WARRANTY LIMITATIONS:** The above warranty does not apply to products that are repaired, modified or altered by any party other than the Authorized Dealer; are subjected to unusual physical stress or conditions (such as overloaded ramps or corrosion), natural disaster, governmental actions, wars, strikes, labor disputes, riots, theft, vandalism, terrorism or any reason beyond reasonable control; are damaged due to improper installation, misuse, abuse, accident or negligence in use, storage, transportation or handling, or tampering; or to products that are considered consumable items or items requiring repair or replacement due to normal wear and tear.

Product should be inspected prior to signing for delivery. Product damage incurred during shipping, unless noted on the Bill of Lading at the time of delivery, renders this warranty void.

**LIMITED LIABILITY:** In no event shall THE AUTHORIZED DEALER be liable to the purchaser or any third party for any indirect, incidental, consequential, special, exemplary or punitive damages arising out of the use of the product, including, without limitation, property damage, loss of value of the product or any third party products that are used in or with the product, or loss of use of the product or any third party products that are used in or with the product.

