

OPERATING INSTRUCTIONS

90150 MANUAL KING PIN PRESS

IMPORTANT: READ ALL INSTRUCTIONS BEFORE USING THIS PRODUCT



Safety Warning & Cautions:

When using this product;

1. KEEP WORK AREA CLEAN. Cluttered areas invite injuries;
2. ALWAYS SET PARKING BRAKE AND BLOCK TIRES;
3. USE EYE PROTECTION. Always wear approved impact safety glasses;
4. 10,000 psi LIMIT. Do not operate the hydraulic pump beyond the rated capacity;
5. STAY ALERT. Watch what you are doing. Use common sense! Do not operate this tool if you are unsure of its application and use;
6. USE REPLACEMENT PARTS AND ACCESSORIES PROVIDED BY TIGER TOOL ONLY. All replacement parts and accessories are available;
7. KEEP HYDRAULIC COUPLER PROTECTED WHEN NOT IN USE. Dust caps should be used on couplers when not in use to avoid contaminants from entering the hydraulic cylinder and power source. This practice will help to extend the life of this product and ensure continued consistent operation.

TIGER TOOL
International Incorporated

Call 1-800-661-4661
for technical questions or
replacement parts.

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There are 3 forcing screws included with this kit:

1. The .875" diameter forcing screw and reducer are used on king pins 1.250" in diameter or smaller.
2. The 1.25" diameter forcing screw (6" length) is used on king pins 1.250" in diameter or larger where there is limited space above the king pin. Once short forcing screw has run out of travel exchange for 12"
3. The 1.25" diameter forcing screw (12" length) is used on 1.250" diameter or larger.

Note: Both 1.25" diameter forcing screws share the same anvil.

Step 1.

Select the corresponding forcing screw and thread it into the screw plate. Rest the assembly on top of the spindle aligning the forcing screw over the king pin.



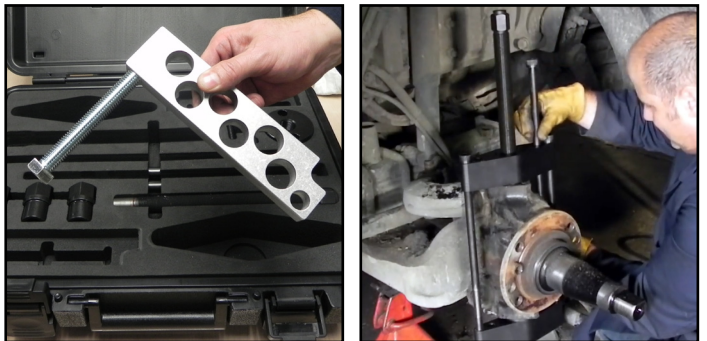
Step 2.

Select the clearance plate and two 5/8" x 15" long socket head cap screws. Align the center hole of the clearance plate under the spindle to the screw plate above. Install the two 5/8" x 15" long bolts in the outer holes and thread them into the clearance plate.



Step 3.

Select the two 5/8" x 6" long tap bolts that are located beneath the torque arms and thread them into the torque arms as shown. Select the remaining two 5/8" x 15" long socket head cap screws and install them into the inner holes on the screw plate, torque arm, and thread into the clearance plate.



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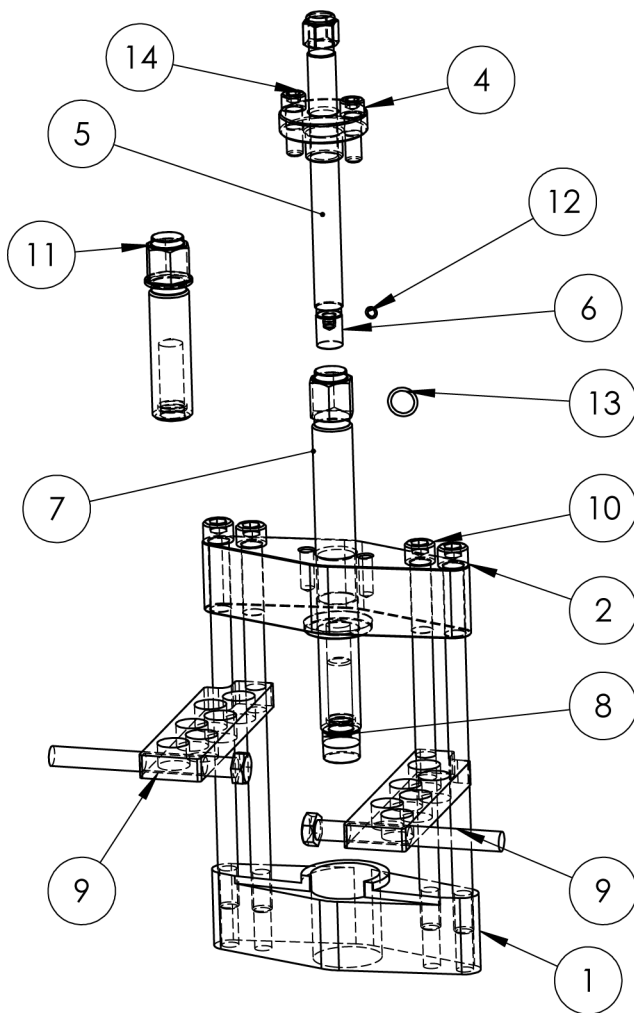
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Step 4.

Adjust tap bolt length so the heads are resting against the axle. Snug up the four 5/8" x 15" long socket head cap screws so that the frame does not shift. Apply force to the forcing screw using an impact gun to begin operation.



Parts Breakdown:



ITEM NO.	PART NUMBER	QTY.
1	Clearance Plate	1
2	Screw Plate	1
3	torque arm	2
4	875 Reducer	1
5	875 Screw	1
6	875 anvilREV 1	1
7	1250 Screw	1
8	1250 AnvilRev1	1
9	Tap Bolt	2
10	HX-SHCS 0.625-11x12x1.75	4
11	1250 Screw Short	1
12	010 O-ring	1
13	O-ring116	2
14	HX-SHCS 0.5-13x1.5x1.5-N	2



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