

# JackJaw® 400 Series Assembly and Operating Instructions

## Assembly Instructions

**Step 1:** Place contents of box on floor or table. Place handle over riser tube with decal facing up and insert short 1/2" - 22 bolt.



**Step 2:** Start 1/2"-22 self locking nut on to bolt. Tighten bolt using two 3/4" wrenches.



**Step 3:** Swing link arms up to handle. Insert the long 3/8"-24 bolt through link arms and handle. Install flat washer on bolt. Start 3/8"-24 locking nut on bolt.



**Step 4:** Use two 9/16" wrenches to tighten riser bolts and nuts and link arms onto handle.

Note: After nut is tight against washer, then, back off the nut on the link arm bolt one half turn from the washer. Handle should raise and lower freely.



**Completed Assembly**

## Operating Instructions

### Basic Stake Pulling

- Step 1:** Lift handle to up position so that jaws are fully open.  
**Step 2:** Place unit so that jaws are on either side of the stake. Figure 1 and 2 below.  
**Step 3:** Place foot on or close to base. Figure 3 below. Push down on handle, clamping on stake and lifting it out of the ground.  
**Step 4:** Repeat motion as necessary until stake is free.



1.



2.



3.

### Stake Removal from Tilted Ground

- Step 1:** The central post of the stake puller should be aligned with the sign post/stake that is being removed. If the ground is uneven, use two blocks of wood to level the base of the stake puller so that the central shaft is parallel to the sign post/stake  
**Step 2-4:** Same as Basic Stake pulling.

**Tip:** In soft conditions or mud, place a short piece (1 to 2 feet in length) of 2 x 6 lumber under the base of the unit. This will spread the force over a larger area, allowing stake removal even in muddy conditions.



**Handle Extension:** Remove clevis pin in handle, extend inner handle to desired length and replace clevis pin. See below.



JJ0501 handle in normal position



JJ0501 handle in extended position

**Caution:** Never put your fingers or hands between the jaws, or between the jaws and the post.

**Replacement Jaw Set** - 2 jaws & hardware Part # CA0006

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# JackJaw<sup>®</sup> 400 Series Operating Instructions

## Basic Stake/Probe Pulling

- Step 1:** Lift handle to up position so that jaws are fully open.  
**Step 2:** Place unit so that jaws are on either side of the stake.  
Figure 1 and 2 below.  
**Step 3:** Push down on handle, clamping on the stake and lifting it out of the ground. Figure 3 below.  
**Step 4:** Repeat motion as necessary until stake is free.



1.

2.

3.

**Tip:** In soft conditions or mud, place a short piece (1 to 2 feet in length) of 2 x 6 lumber under the base of the unit. This will spread the force over a larger area, allowing stake removal even in muddy conditions.

## Stake/Probe Removal from Tilted Ground

- Step 1:** The central post of the stake puller should be aligned with the stake/probe that is being removed. If the ground is uneven, use two blocks of wood to level the base of the stake puller so that the central shaft is parallel to the stake or probe.  
**Step 2-4:** Same as Basic Stake pulling.



## Handle Extension

Remove the hitch pin in the handle, extend the inner handle, aligning the holes of the two handles, and replace the hitch pin. See below.



**Caution:** Never put your fingers or hands between the jaws, or between the jaws and the post.  
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