

# Operating Instructions



## Models E & R

Thank you for purchasing the Montana Post Driver. We expect that this post driver will give you years of trouble free service. We offer a one-year warranty.

### Dry Fire Protection

**The dry fire protection in the post driver requires down pressure from the skidsteer/excavator before it will operate.** Always keep down pressure on the post you are driving to prevent dry firing.

### Tool

Montana Post Driver is available with a domed or a flat top cup. The domed cup works well on capped wood posts, pipe, and T posts. The flat top cup should be used if you have blunt wood posts.



In order to change the post driving tool, just drive out the 5/8" roll pin, located at the front right bottom part of the hammer power cell all the way through the back. This allows the 1 1/2" retaining pin to slide out. To re-assemble, drive the roll pin through the front. (Step by step instructions are on the next page.)

### Grease

The Montana Post Driver should be greased with 5-6 pumps of grease every 2-3 hours of use. We recommend hydraulic breaker grease, available from CAT or other manufacturers. (Other grease works as well, but it liquifies faster when it gets hot and requires more.)

### Chain

The Montana Post Driver comes with a chain to use as a plump bob and as well as depth gauge. Use only the center hook for pulling post. The outside hooks are used only for holding the tag end of the chain.

### Misc.

Check the bolts periodically to ensure that they are tight.

For technical questions, please call Montana Post Driver at 1-800-330-1937  
Or visit us on the web at: [www.MontanaPostDriver.com](http://www.MontanaPostDriver.com)



# Warranty

For All Products

All Montana Products are warranted cover-to-cover for 1 year from the date when the customer purchased the product. To file a claim follow the instructions below.

## 1. Collect the information for the product you are placing a claim for.

### Tooling

1. Picture of both broken pieces.
2. Picture of the serial number on the tool shaft.
3. Date Purchased  
(You can discard the broken tool after you receive a replacement.)

### Post Driver / Jack Hammer

1. Picture of the problem such as damaged shaft or oil leak.
2. Picture of the serial number on the driver
3. Date Purchased  
(You can discard damaged parts after you receive a replacement.)

### Other

1. Picture of the damage.
2. Date Purchased  
(You can discard damaged parts after you receive a replacement.)

## 2. Please submit pictures and date purchased to the dealer who sold you the product, or email [montanapostdriver@gmail.com](mailto:montanapostdriver@gmail.com) with the information.

We cover 2 hours labor x \$100.00 to rebuild one of our drivers.

We do not cover labor to change out a tool.

# Changing Tool

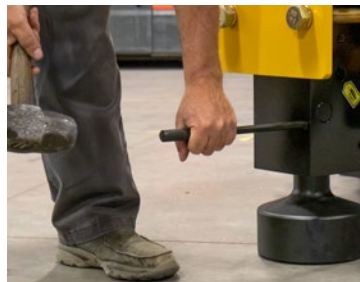


On the 400E, 750R and 1000E



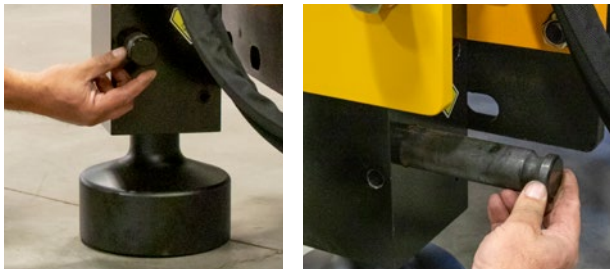
## 1 Drive Out the Roll Pin

Locate the 5/8" dia roll pin at the bottom right hand corner of the post driver cell. Take the punch from your tool box and drive the roll pin out the back.



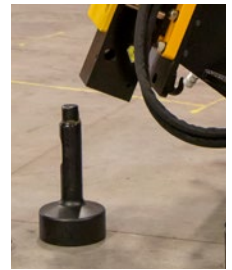
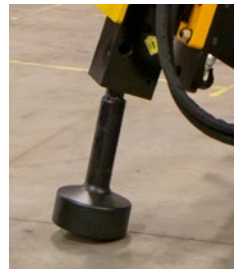
## 2 Pull Out Retaining Pin

Remove the 1-1/4" retaining pin with your thumb or a slight tap of a hammer.



## 3 Remove Tool

Lift the power cell off the tool.



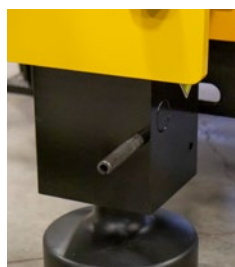
## 4 Insert Tool and Retaining Pin

Slid the retaining pin in part ways. Insert the tool. Install the retaining pin the rest of the way.



## 5 Replace Roll Pin

Set the power cell down onto the tool. Install the roll pin.



## **Next Page Please**

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# Re-Charging Tool



## Instructions for all Models

The post driver comes pre-charged with nitrogen. We recommend that the nitrogen charge is checked annually and maintains a charge of 200-230 PSI or 16 BAR.

### 1 Check the Pressure



Remove the plug on the charge port.



Thread the gauge in.



Make sure that the bleeder valve is closed.



Push indent knob in to check pressure.  
(Nitrogen valve on post driver is similar to a tire valve.)

### 2 Add Nitrogen to the Post Driver



Remove cap from gauge.



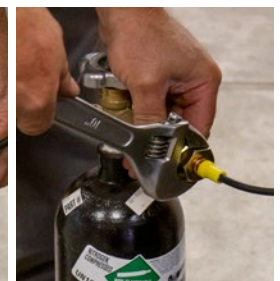
Connect hose to the gauge



Screw the adapter into the tank



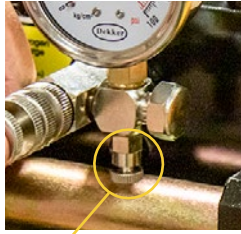
Attach the hose to the adapter



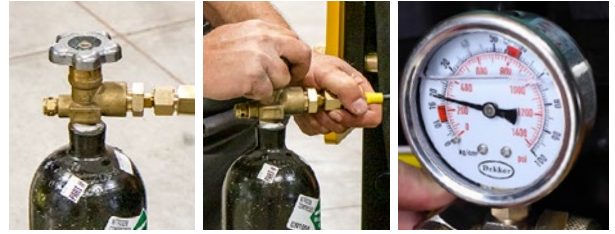
### 3 Charging the Driver



Make sure that the indent knob is pulled all the way out.



Make sure that the bleeder valve is closed.



Open valve on tank **SLOWLY** and watch the gauge increase. **Be careful not to exceed 230 PSI.** Close valve on the tank as gauge approaches 230 PSI.

### 4 Check the Pressure Again



Press the indent knob to check the pressure.

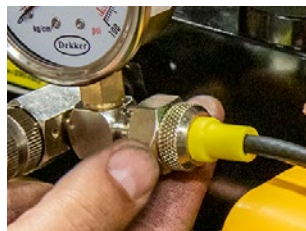


If the pressure is above 230 PSI, press the indent knob and open the bleeder valve to release any excess gas to the desired pressure.

### 5 Disconnect



Make sure that the indent knob is pulled all the way out and open the bleeder valve to release the pressure in the line.



Disconnect the bottle and charging kit from the post driver.



Replace the plug in the charge port and tighten. Check for any leaks with a soap/water solution

# Little Buddy



## Mounting Instructions

### Supplied Parts

- (1) T-REX 350E Little Buddy
- (2) 4½" Bolts
- (2) ¼" Hoses
- (1) Check Valve
- (2) Tees

- 1** Take (2) frame bolts from side of post driver opposite the hoses, and bolt Little Buddy to driver with 4½" bolts.
- 2** Remove both hoses / elbows from driver.
- 3** Remove hydraulic fitting from out port and replace with check valve.
- 4** Add 2 hydraulic tee fittings.
- 5** Install Little Buddy ¼" hoses. Short hose goes from in port on large driver to out port on Little Buddy. The long hose goes from out port on large driver to in port on Little Buddy.



- 6** Attach hoses / elbows to the tee. Hose with female quick coupler attaches to tee on out port. Hose with male quick coupler attaches to tee on in port.

Turn adjuster bolt from end of spring (Figure 2), then put bolt through hole in top of mounting bar and turn back into spring till there's approximately 1" of bolt visible between spring and mounting bar (Figure 3). (Bolt can be tightened or loosened to adjust spring tension to allow grapple to spring back up correctly.)

Take 4 Bolts from side of post driver opposite the hoses and bolt mounting bar to driver with included 4 ½" bolts. (Figure 4)

Remove both hoses and elbows from driver. Remove hydraulic fitting from out port and replace with check valve. Add hydraulic tee fittings to driver (Figure 5) and included fittings to grapple. Grapple hoses attach to bottom of tee fittings and go from out port to upper port on grapple, and in port to lower port on grapple. Attach elbows and hoses to end of tee, hose with female quick coupler attaches to tee on out port and hose with male quick coupler attaches to tee on in port.

**Figure 1**



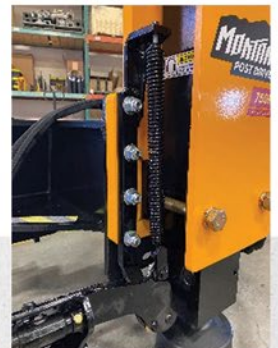
**Figure 2**



**Figure 3**



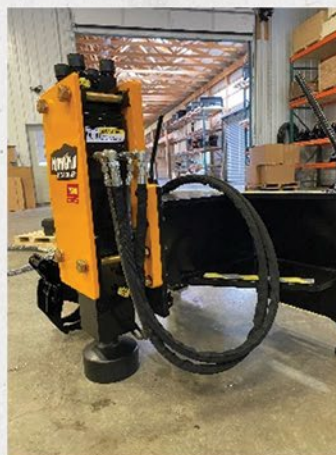
**Figure 4**



**Figure 5**



**Figure 6**



**Figure 7**

