

WALLENSTEIN

BY EMB MFG INC.

THREE POINT HITCH SPLITTER MODEL WX310,310c ASSEMBLY INSTRUCTION MANUAL

**Please review and understand the
operators manual before attempting
to operate this machinery.**

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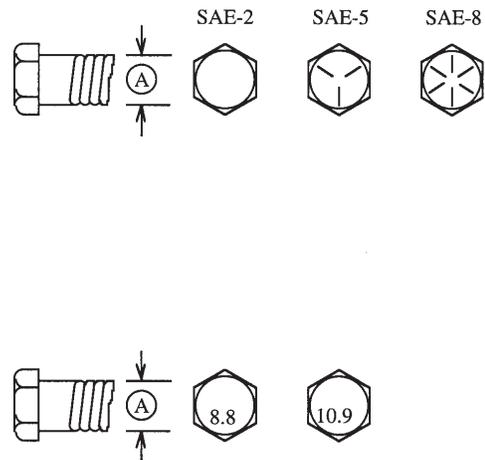
1.0 ASSEMBLY SAFETY

1. Read and understand the Assembly Manual and all safety signs before starting.
2. Follow good safety practices:
 - Keep service area clean and dry.
 - Be sure electrical outlets and tools are properly grounded.
 - Use adequate light for the job at hand.
3. Use properly sized tools, stands, jacks and hoists at all times.
4. Don't handle heavy and/or bulky components alone, ask for help.
5. Position in a large open area to allow access from all sides during assembly.
6. Keep the assembly area neat and clean to prevent slipping or tripping.
7. When using lifting equipment, place jack stands under the machine to securely stabilize it before working on, beside or under it during assembly.
8. Stay away from overhead power lines and obstructions when lifting the machine during assembly. Contact with power lines can cause electrocution. Contact with obstructions can damage components or cause them to fail.
9. Tighten all fasteners to their specified torque, then recheck before using the machine.

2.0 BOLT TORQUE

ENGLISH TORQUE SPECIFICATIONS

Bolt Diameter "A"	Bolt Torque*					
	SAE 2 (N.m) (lb-ft)		SAE 5 (N.m) (lb-ft)		SAE 8 (N.m) (lb-ft)	
1/4"	8	6	12	9	17	12
5/16"	13	10	25	19	36	27
3/8"	27	20	45	33	63	45
7/16"	41	30	72	53	100	75
1/2"	61	45	110	80	155	115
9/16"	95	60	155	115	220	165
5/8"	128	95	215	160	305	220
3/4"	225	165	390	290	540	400
7/8"	230	170	570	420	880	650
1"	345	225	850	630	1320	970



Torque figures indicated above are valid for non-greased or non-oiled threads and heads unless otherwise specified. Therefore, do not grease or oil bolts or caps crews unless otherwise specified in this manual. When using locking elements, increase torque values by 5%.

* Torque value for bolts and capscrews are identified by their head markings.

3.0 ASSEMBLY

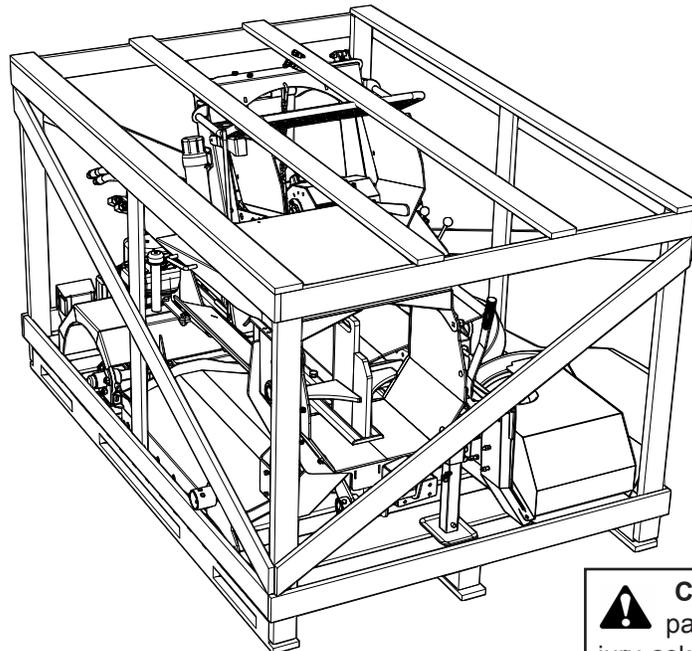
This assembly manual is for all trailer model wood splitters. The WX310 is used as an example but generally applies to all wood splitter models. Model specific instructions are identified in the manual.

The machine is shipped from the factory in a partially disassembled configuration and attached to a pallet that provides easy moving and handling. Always use tools, equipment and fork lifts of appropriate size and capacity for the job.

Inspect for damage from shipping, immediately contact the shipping company if damage is found.

When the machine is shipped, follow this assembly procedure:

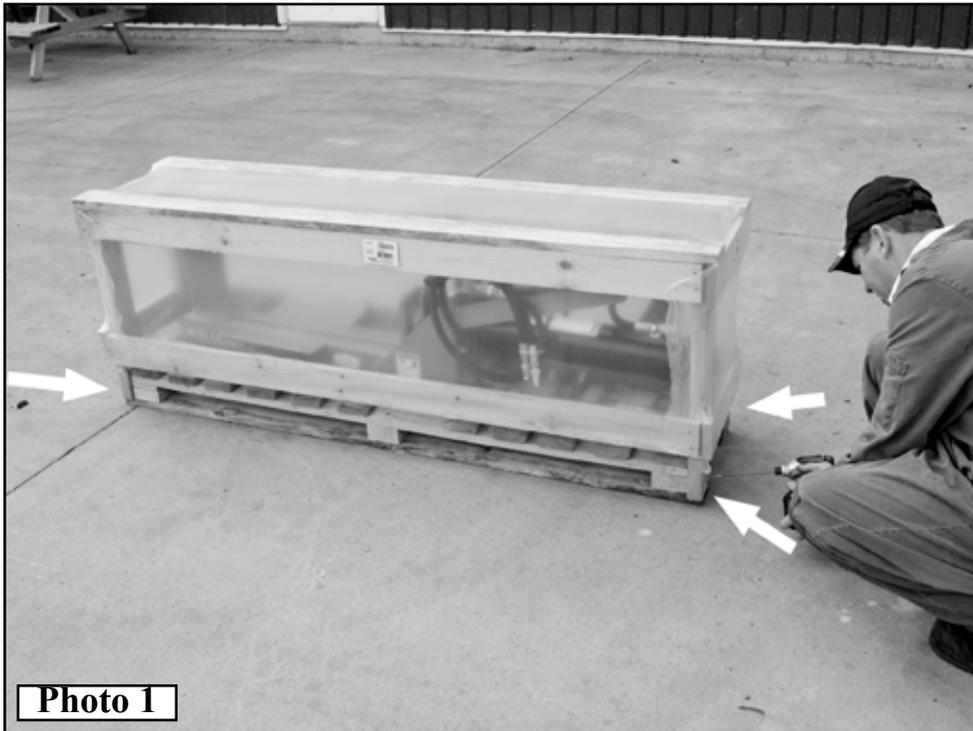
1. Clear the area of bystanders, especially small children.
2. Be sure you have all the required tools before you start.
3. Move the shipping package into an area where it is accessible from all sides.
4. Remove the screws holding the lid to the shipping pallet, remove the lid and set aside away from the assembly area.



⚠ Caution: Heavy or bulky parts: prevent potential injury ask for help when lifting or moving heavy, bulky parts.

Uncrating the WX310 Wood Splitter

1. Remove all screws securing upper part of crate to lower skid. There is one (1) screw located at each of four (4) corners around the bottom of crate. *Photo 1*



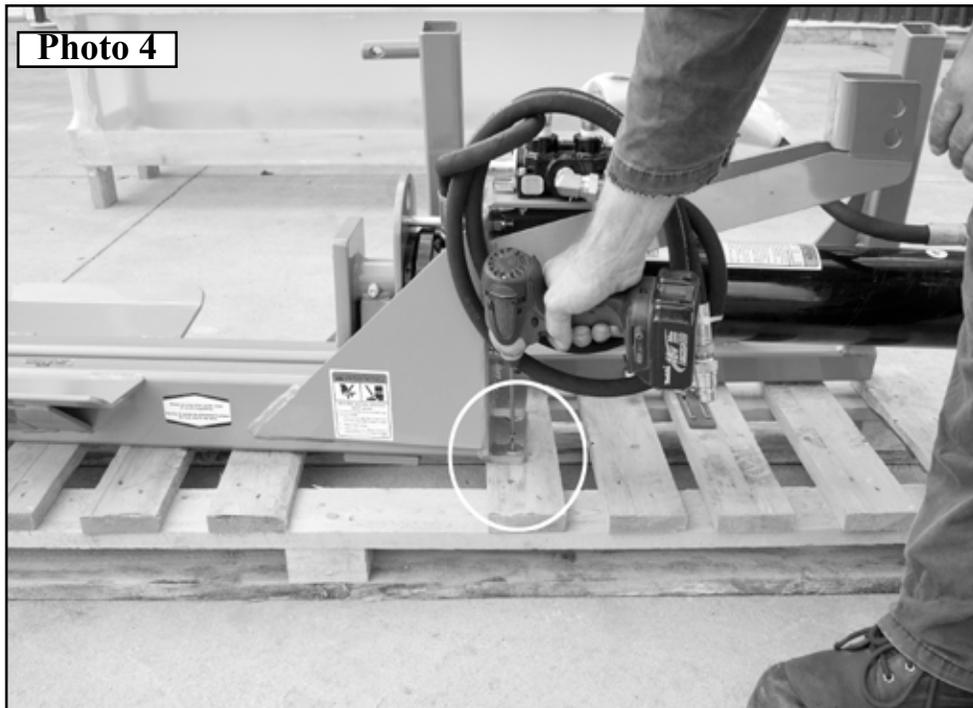
2. Remove the upper portion of crate to expose wood splitter inside. *Photo 2*



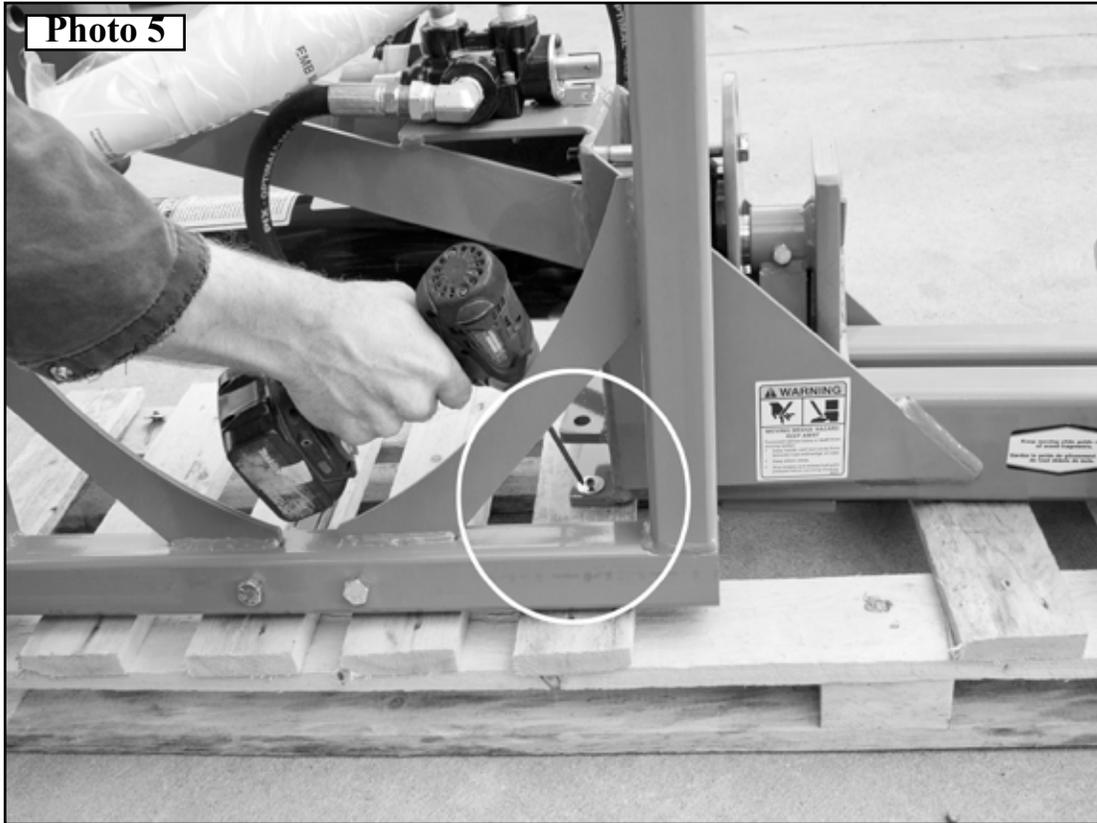
3. Remove wood screws from shipping bracket located at rear of splitter. *Photos 3*



4. Remove mounting screw located on right hand side of splitter as illustrated in *Photo 4*



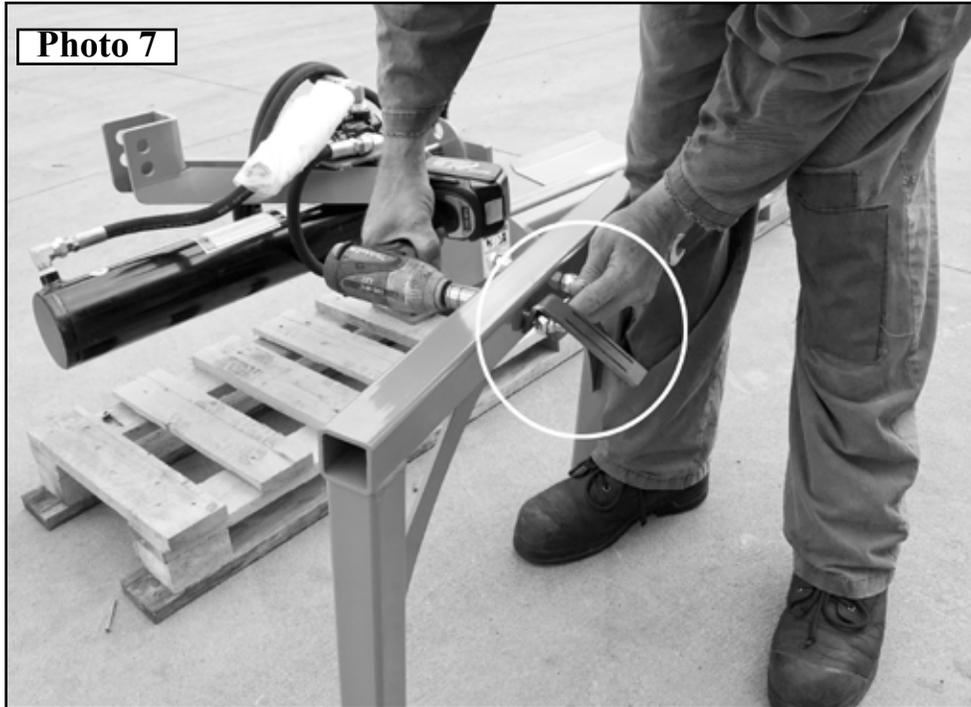
4. Remove mounting screw located on left hand side of splitter as illustrated in *Photo 5*



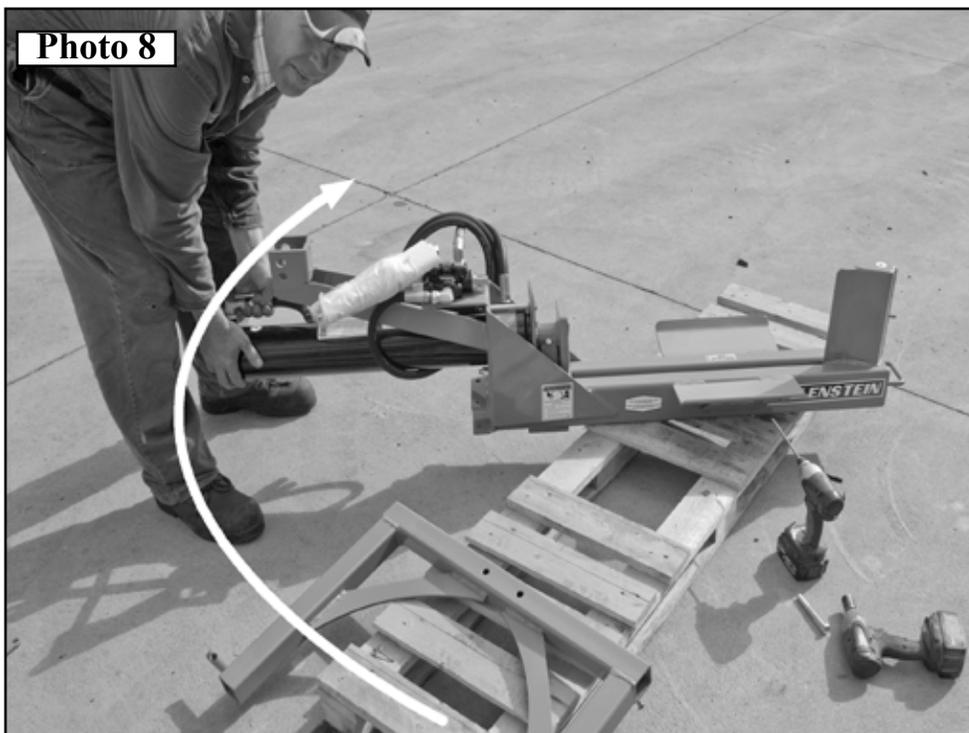
6. Remove screws from shipping bracket securing the Two Point Stationary Weldment to wood skid. *Photo 6*



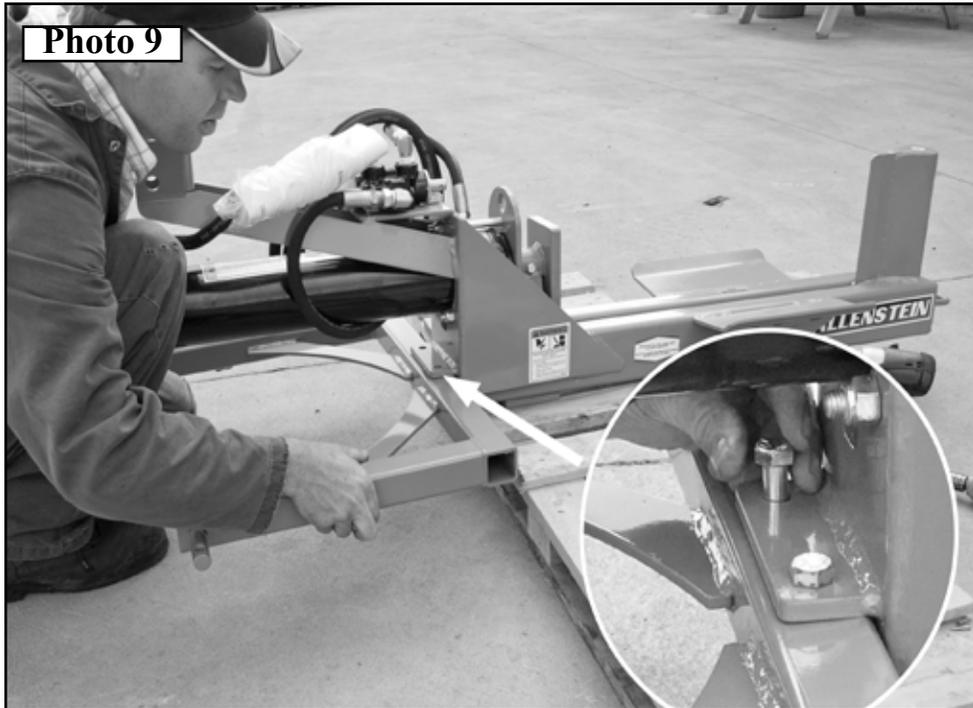
7. Remove the shipping bracket from Two Point Stationary Weldment. *Photo 7*



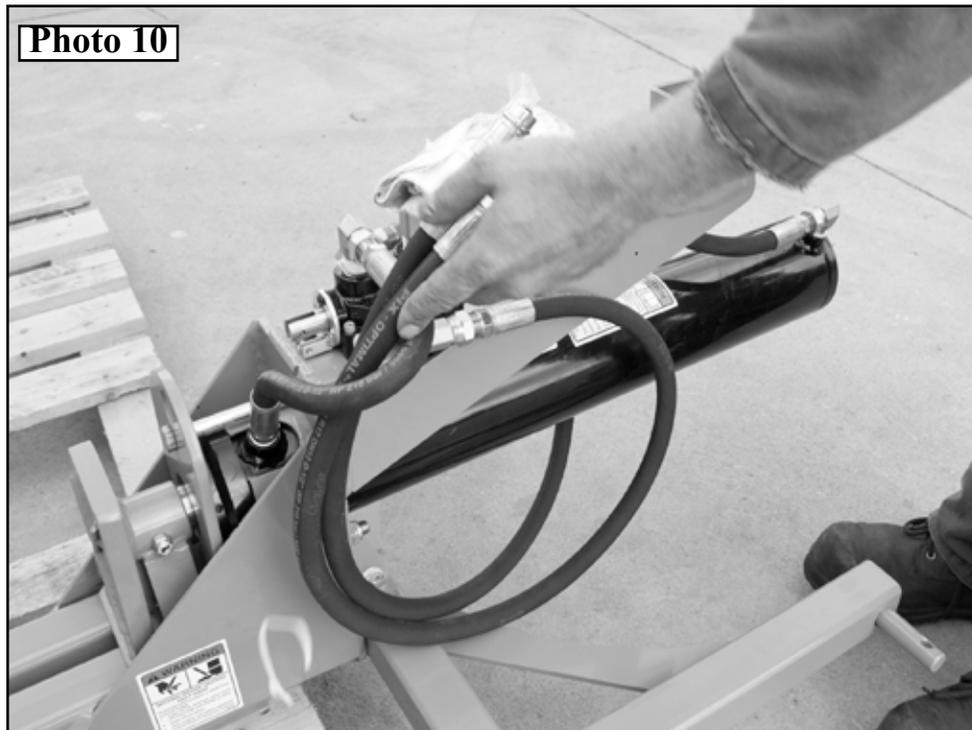
8. Swivel Main Frame 90 degrees to wood skid for further assembly. *Photo 8*



9. Place Two Point Stationary Weldment into position at front of WX310 Splitter. Align the Two (2) holes in the square tube with the welded bracket on the Main Frame. **Photo 9** Install and secure with two (2) 1/2 x 3.75 Bolts and two (2) 1/2" Nylon Nuts.



10. Snip tie wraps securing hydraulic hoses and lie out towards front of splitter for connection at tractor. **Photo 10 & (11 following Page)**



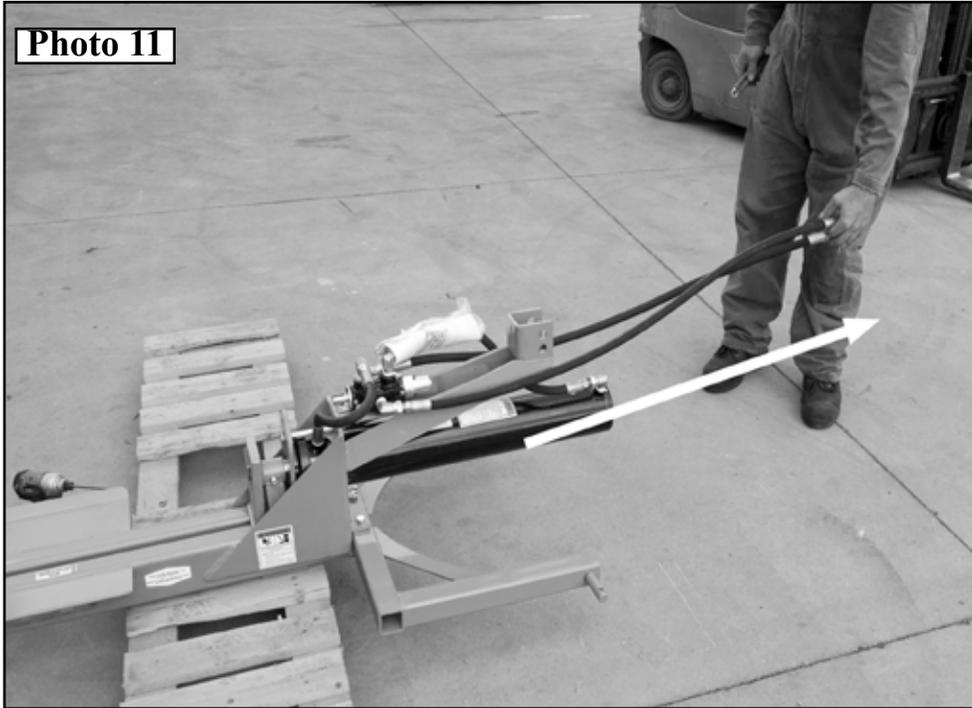


Photo 11

11. Snip tie-wraps securing bag containing Operator's Manual and Hydraulic Handle/ Hardware Kit. Remove hardware and handle kit for installation to WX310 Wood Splitter. *Photo 12*

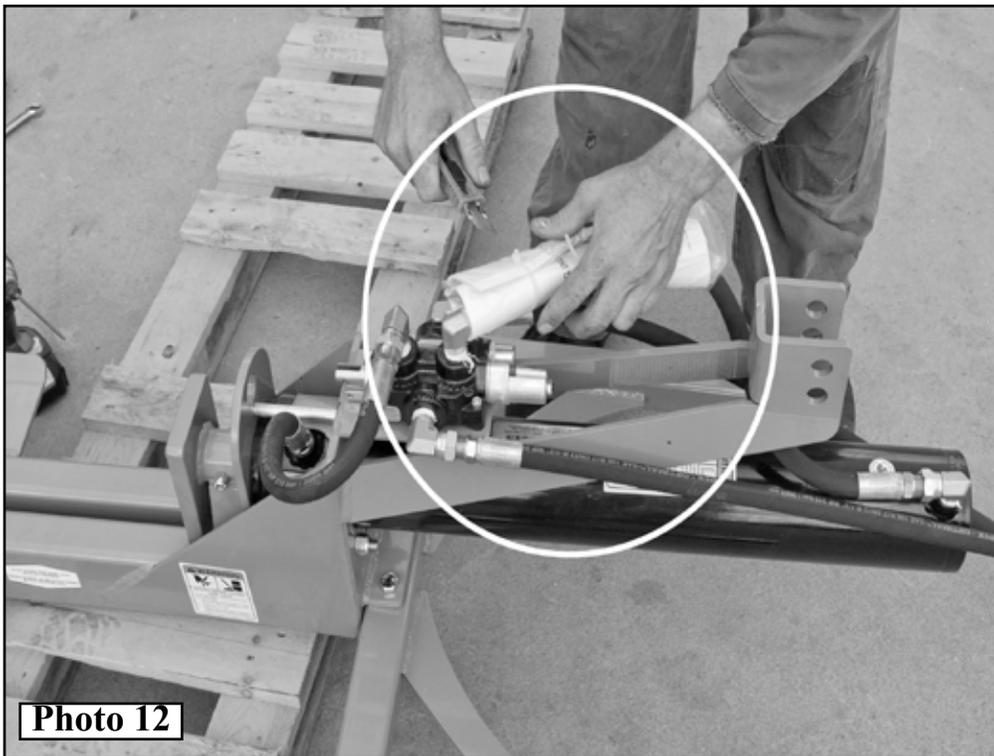


Photo 12

12. Install lower pin to bottom hole first (see inset photo). Install Handle in vertical position, inserting bottom slotted end of lever into lower pin then aligning upper hole with one in shaft. **Photo 14**



13. Insert upper pin and secure each pin with Pin Clip. **Photo 15**

