

# Security plate upgrade for Log Splitter

This upgrade will replace existing welded plates used for releasing already split log halves during return cycle of hydraulic ram. The plates are substantially reinforced from the original. Simple installation steps are included to help with your upgrade. If you have not already been notified of the slideshow presentation for installation, contact your CPE representative for the link to this slide presentation. It will show you the recommended procedures in a picture step by step.

## Tools you will need:

1. Hacksaw with new blade for mild carbon steel.
2. 12mm box or socket wrench for sub-plate removal over the hydraulic ram pivot pin.
3. 8" Crescent wrench or similar adjustable wrench for hack saw cut metal removal.
4. 18" or larger adjustable pipe wrench for removal of old security plate on ram bed.
5. Medium ball peen hammer.

## The following procedures will guide you to a proper installation

Using the Hacksaw, place two cuts about  $\frac{3}{4}$ " apart and deep enough (about  $\frac{3}{4}$ ") to reach the inside of the plate. This cut should be at the lowest point of the plate closest to the bed, but above the factory weld.

Next, using the 8" Crescent wrench or equivalent, straddle the area of the two cuts of the hacksaw and go forward and backward motion of the wrench until the plate section breaks free. You should now have a small section removed.

Using the 18" pipe wrench, straddle the upper most part of the security plate and continue to apply up and down movement of the wrench until the plate shows loss of strength. After a couple of minutes of this movement, take the pipe wrench off and then locate at a point closest to the welded base. Continue the up and down movement of the wrench until full separation of the security plate above the weld allows removal. Discard the section that has been removed.

Finally, remove the 4 hex bolts on the side of the hydraulic ram pivot pin. After removal, place one of the security plates in position with the longest edge facing up. Install using the supplied bolts (4 - 32mmx8mm bolts) with existing flat and lock washers. Tighten to 18 ft. lbs. of torque or reasonably secure.

Repeat the process for the remaining security plate, following the same steps.

Be sure to call our technicians at the phone no. on your log splitter or owner's manual for any unanswered questions you might have on this upgrade. (888) 696-0668 weekdays M-F until 5pm Pacific time zone. Or call the 24 hr. Tech line for prompt assistance.