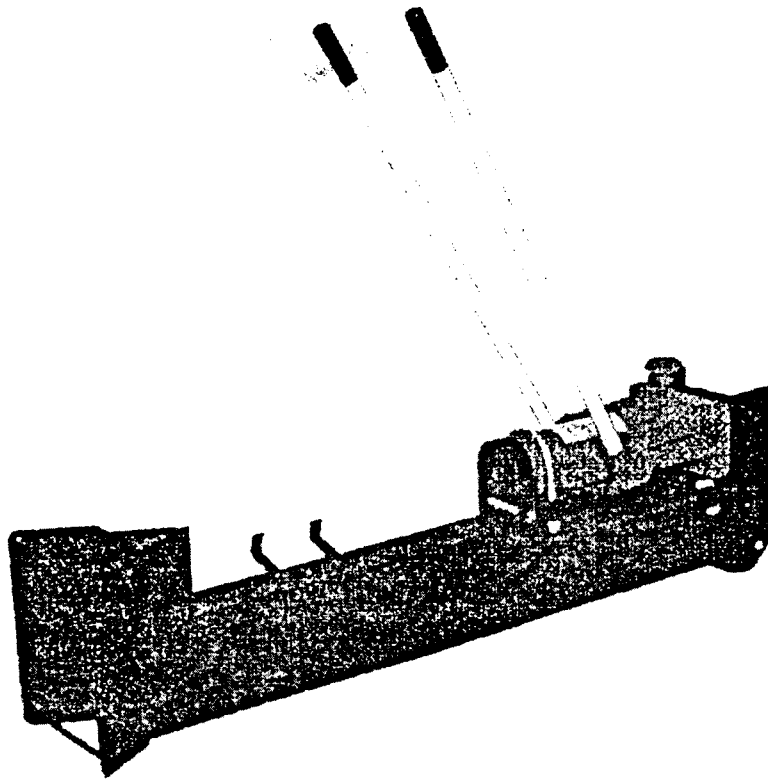


# 10 TON HYDRAULIC LOG SPLITTER

**ASSEMBLY and OPERATING INSTRUCTIONS**



## **SPECIFICATIONS**

Maximum Log Length	18"
Ram Stroke	8-1/16"
Cradle Dimensions	3-3/4"×4"×4"
Base Dimensions	42-1/8"L× 8-1/16"W×37"H

## **SAFETY WARNING & CAUTIONS**

**WARNING:**When using pneumatic equipment, basic safety precautions should always be followed to reduce the risk of personal injury and hazards due to over pressurization. **READ ALL INSTRUCTIONS BEFORE USING THIS TOOL!**

1. **KEEP WORK AREA CLEAN.** Cluttered areas invite injuries.
2. **OBSERVE WORK AREA CONDITIONS.** Do not use tools in damp, wet, or poorly lit locations. Don't expose to rain. Keep work area well lit. Do not use electrically powered air compressors in the presence of flammable gases or liquids.
3. **KEEP CHILDREN AWAY.** Children must never be allowed in the work area. Do not let them handle machines, tools, or hoses.
4. **STORE IDLE EQUIPMENT.** When not in use, tools must be locked up in a dry location to inhibit rust. Always lock up tools and keep out of reach of children.
5. **DO NOT FORCE THE TOOL.** It will do the job better and more safely at the rate for which it was intended. Do not use inappropriate attachments in an attempt to exceed the tool's capacities.
6. **USE THE RIGHT TOOL FOR THE JOB.** Do not attempt to force a small tool or attachment to do the work of a larger industrial tool. Do not use a tool for a purpose for which it was not intended.
7. **DRESS PROPERLY.** Do not wear loose clothing or jewelry as they can be caught in moving parts. Non-skid footwear is recommended. Wear restrictive hair covering to contain long hair.
8. **USE EYE AND EAR PROTECTION.** Always wear ANSI approved chemical splash goggles when working with chemicals. Always wear ANSI approved impact safety goggles at other times. Wear a full face shield if you are producing metal filings or wood chips. Wear an ANSI approved dust mask or respirator when working around metal, wood, and chemical dusts and mists.
9. **DO NOT ABUSE THE POWER CORD.** Do not yank compressor's cord to disconnect it from the receptacle. Do not carry tools by the cord.
10. **DO NOT OVERREACH.** Keep proper footing and balance at all times. Do not reach over or across running machines.
11. **MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect compressor's cord periodically and, if damaged, have them repaired by an authorized technician. Inspect all hoses for leaks prior to use. The handles must be kept clean, dry, and free from oil and grease at all times.

12. REMOVE ADJUSTING KEYS AND WRENCHES. Make it a habit to check that keys and adjusting wrenches are removed from the tool or machine work surface before plugging it in.
13. AVOID UNINTENTIONAL STARTING. Do not carry any tool with your finger on the trigger, whether it is connected to the compressor or not
14. STAY ALERT. Watch what you are doing, use common sense. Do not operate any tool when you are tired.
15. CHECK DAMAGED PARTS. Before using any tool, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment and binding of moving parts; any broken parts or mounting fixtures; and any other condition that may affect proper operation. Any part that is damaged should be properly repaired or replaced by a qualified technician. Do not use the tool if any switch does not turn on and off properly.
16. REPLACEMENT PARTS AND ACCESSORIES. When servicing, use only identical replacement parts. Use of any other parts will void the warranty. Only use accessories intended for use with this tool.
17. DO NOT OPERATE TOOL IF UNDER THE INFLUENCE OF ALCOHOL OR DRUGS. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not operate the tool.
18. DRAIN COMPRESSOR EVERY DAY. Do not allow moisture to build up inside the compressor. Do not allow compressor to sit pressurized for longer than one hour.
19. MAKE SURE ALL EQUIPMENT IS RATED TO THE APPROPRIATE CAPACITY. Make sure that regulator is set at least 10 PSI lower than the lowest rated piece of equipment you are using.

## UNPACKING

When unpacking, check to make sure the following parts are included. All sizes listed below are approximate.

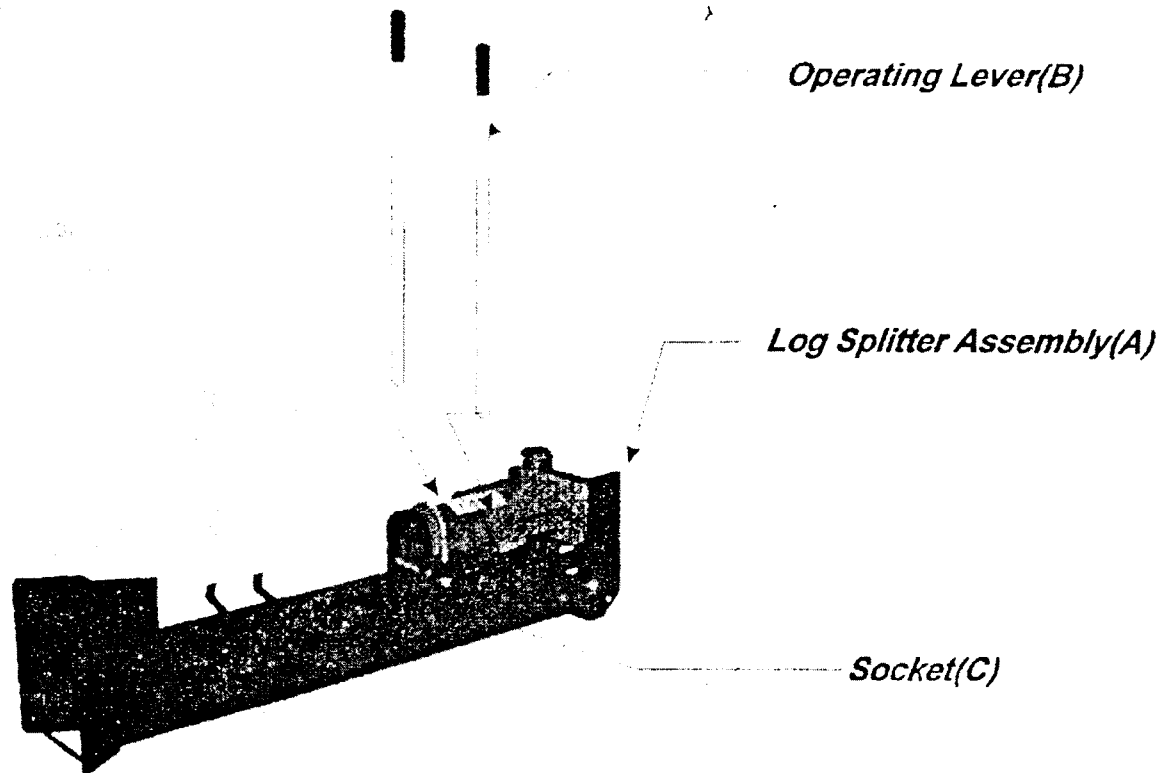
Item#	Description
A	Log Splitter Assembly

Item#	Description
B	Operating Lever

## ASSEMBLY

Your Hydraulic Log Splitter comes assembled. Unpack the Log Splitter near where you will be using the tool. The Log Splitter is heavy, use proper lifting techniques when moving the Log Splitter.

To complete assembly, insert one OPERATING LEVER (B) into each SOCKET (C) as shown in Figure 1.



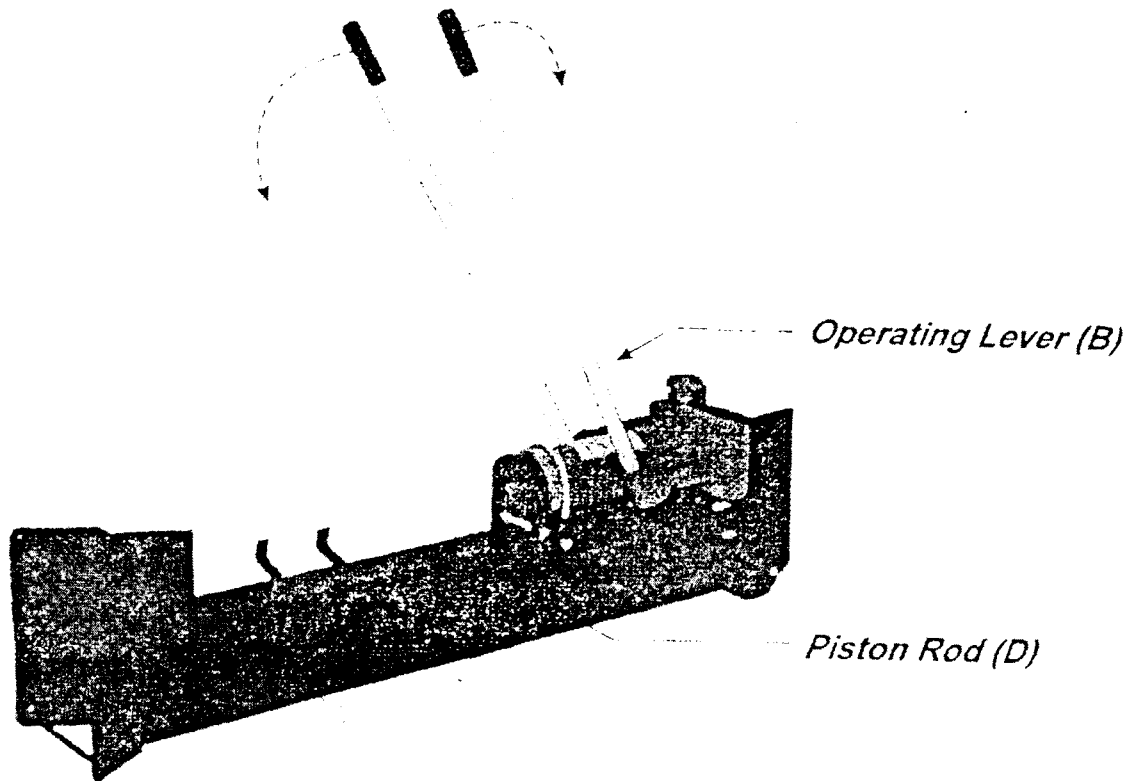
*Figure 1 - Operating Lever Installation*

Your Hydraulic Log Splitter is ready for use.

## OPERATION

- Step 1: Gather the logs you wish to split. Make sure the maximum length of each log does not exceed 18". If the log does exceed that measurement, you must cut the log to fit the maximum length of the tool.
- Step 2: Make sure the PISTON ROD (D) is fully retracted into the CYLINDER. If necessary, turn the RELEASE SCREW (E) counterclockwise to release the hydraulic pressure. Tighten the RELEASE SCREW.
- Step 3: Place the log between the Wedge and Piston Assembly. Rest the log in the metal bracket Cradle.
- Step 4: Wear eye protection when operating the Hydraulic Log Splitter.

Step 5: It is recommended you operate the Log Splitter in the following manner. Grip one OPERATING LEVER (B) in each hand and pump the OPERATING LEVERS in a back-and-forth motion with one OPERATING LEVER fully forward and one fully rearward as shown in Figure 2.

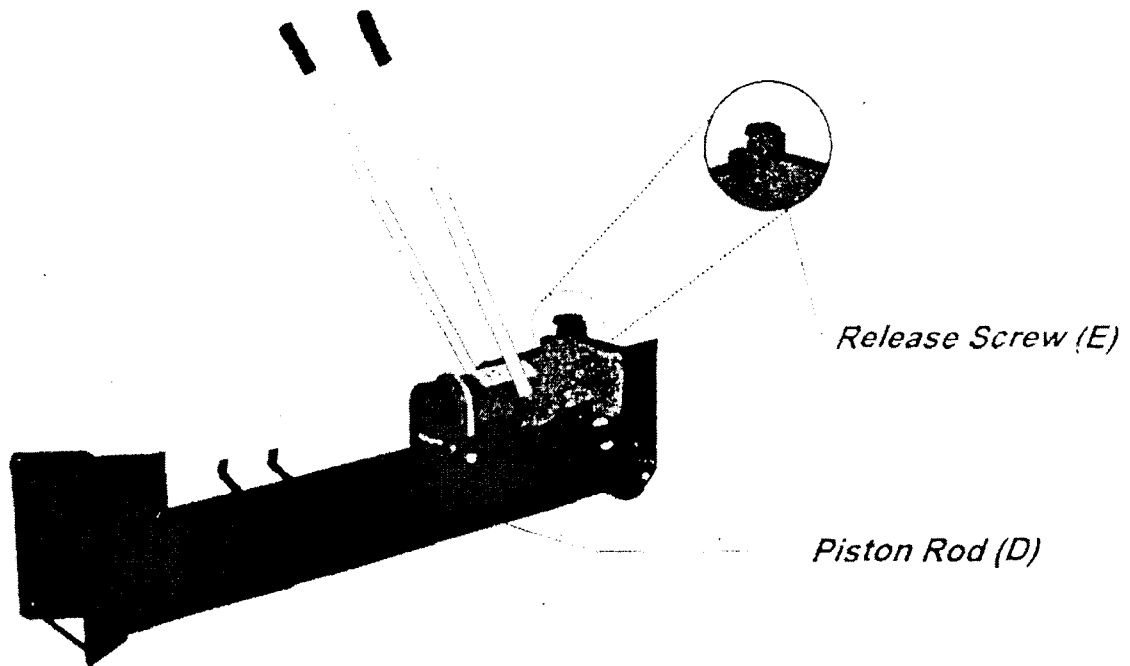


*Figure 2 - Operating the Log Splitter*

Step 6: Repeat Step 5 to advance the PISTON ROD forward. This will push the log against the Wedge and split it.

Step 7: When you have split the log, remove the split pieces.

Step 8: Turn the RELEASE SCREW counterclockwise to draw the PISTON ROD back into the CYLINDER as shown in Figure 3. Tighten the RELEASE SCREW when the PISTON ROD has retracted fully.



*Figure 3 - Retracting the Piston Rod*

Step 9: Continue to repeat Steps 3 through 8 until you have split all the logs.

Step 10: When you are done, it is recommended that you store your Hydraulic Log Splitter with the RELEASE SCREW opened to relieve any hydraulic pressure during non-use.

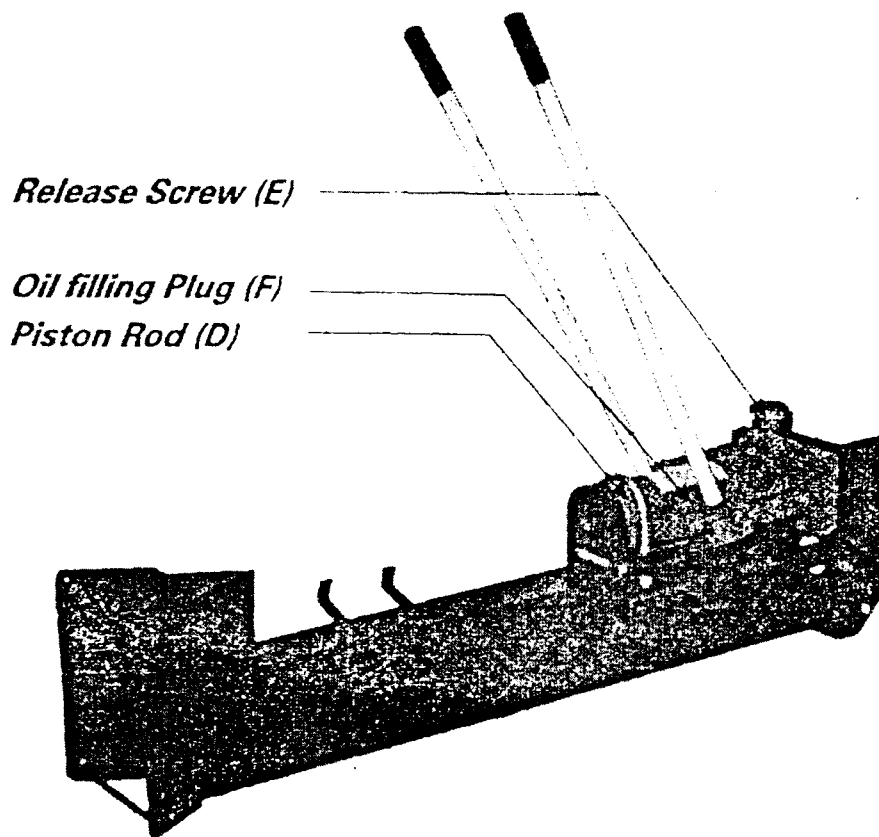
## MAINTENANCE

After every use, wipe down the Hydraulic Log Splitter to remove any tree sap or dirt left behind. This will extend the life of the tool.

### *Bleeding the Log Splitter*

Step 1: Operate the Log Splitter to extend the PISTON ROD (D) to its maximum length

Step 2: Remove the Oil FILLING PLUG as shown in Figure 4.



**Figure 4 – Bleeding the Log Splitter**

Step 3: Turn the RELEASE SCREW (E) counterclockwise as fast as possible. The PISTON ROD will retract into the CYLINDER and push air out of the Oil Filling Hole.

Step 4: Replace the OIL FILLING PLUG. Repeat Steps 1-4 as necessary.

#### Adding Oil

If you should need to add hydraulic oil to the Log Splitter, remove the OIL FILLING PLUG and add oil until it is 3/4 full.