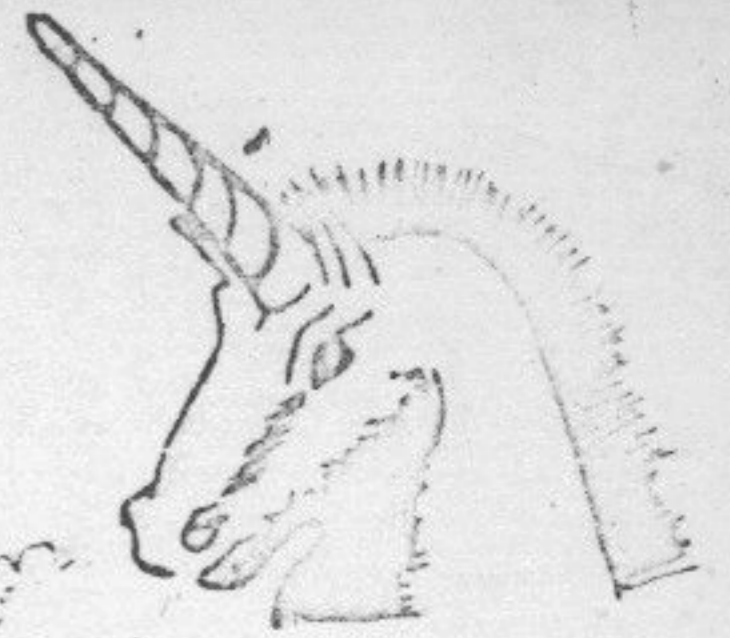


# THE UNICORN<sup>®</sup> LOG SPLITTER



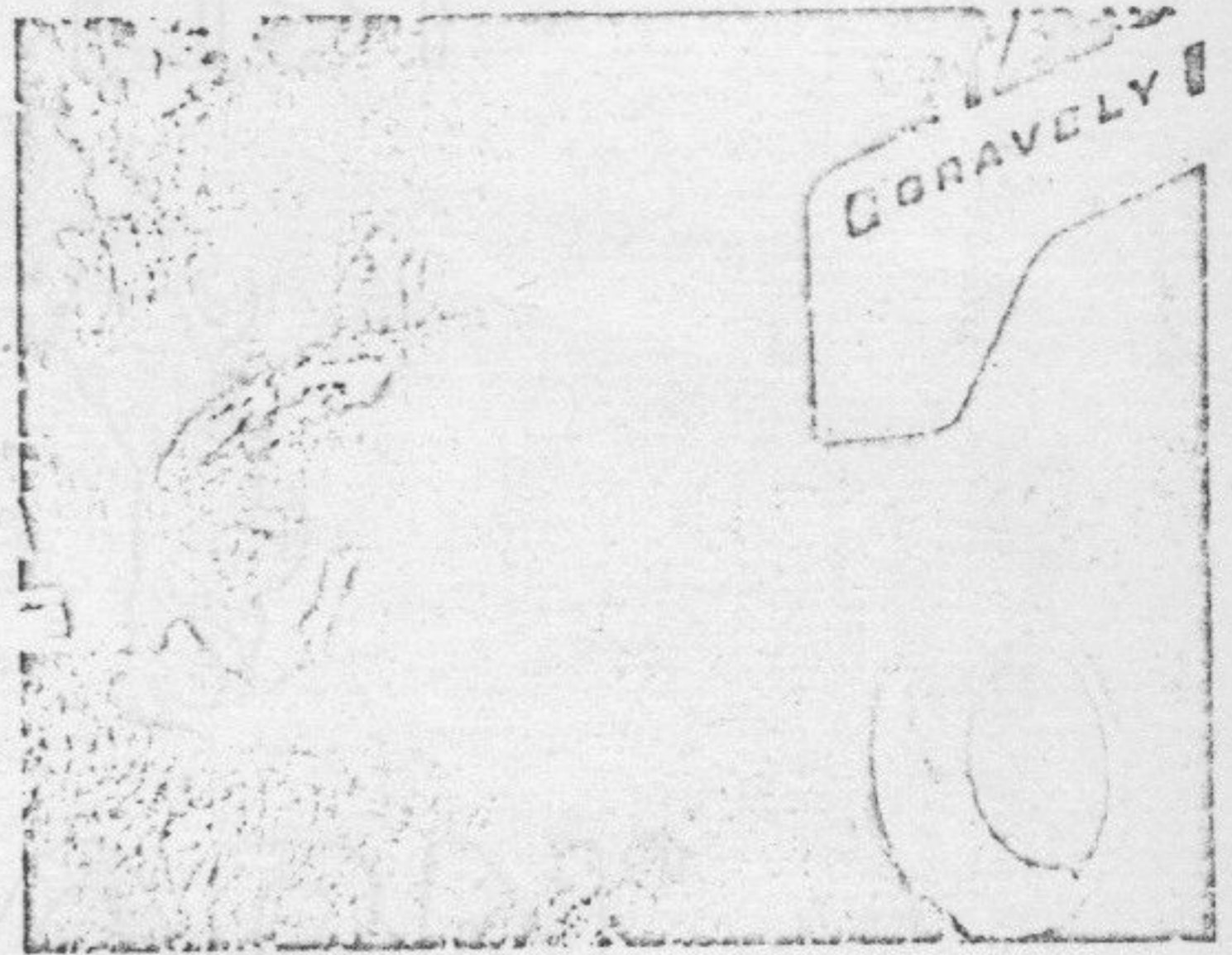
## MARK G2

**SPLITS FIREPLACE WOOD WITH  
EASE AND CONVENIENCE**

IS POWERED BY GRAVELY GARDEN TRACTOR  
EQUIPPED WITH PLOW DRIVE.

**LOWEST COST!!!  
LIGHTEST WEIGHT!!!**

SETS UP QUICKLY AND EASILY.



## POWER REQUIREMENTS

OPERATES AT ENGINE SPEED OF  
FULL THROTTLE - LOW PLOW DRIVE  
GEAR.

SPEED AND EASE OF SPLITTING  
RELATES TO TYPE AND CONDITION  
OF WOOD - AS WITH ANY SPLITTER.

## PORTABLE

IS COMPLETELY PORTABLE WHEN IN  
TRANSPORT POSITION - IS NO WIDER  
THAN TRACTOR.

SPLITS 1/2 TO 3/4 CORD PER MANHOUR.

## SIZE & WEIGHT

BOXED - 59 POUNDS  
SIZE - 5" X 8" X 29"

Printed in U.S.A.

PATENTED U.S.A. & CANADA

## APPLICATION

IDEAL TOOL FOR THE OCCASIONAL  
WOOD SPLITTER, ESTATE, RANCHETTE,  
OR FIREPLACE OWNER.

## DESIGN

RUGGEDLY BUILT FOR MANY YEARS OF  
HARD USE. PRECISION MACHINED FROM  
QUALITY STEELS, WEAR RESISTANT AND  
TEMPERED.

SPLITS HARD, GREEN, SEASONED, KNOTTY  
WOODS. MAXIMUM DIAMETER AND LENGTH  
OF LOG DETERMINED BY KIND AND CON-  
DITION OF WOOD.

## DISTRIBUTED BY

The Thackery Company 1820 FREBIS AVENUE COLUMBUS, OHIO 43206 (614) 444-6000

# INSTRUCTIONS

## LOG SPLITTER

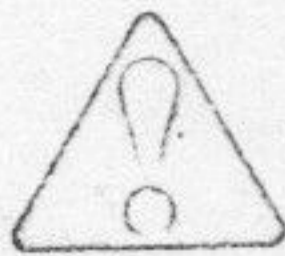
### PARTS LIST



# UNICORN<sup>®</sup> LOG SPLITTER

## MARK G2

★ A dealer delivery service form and warranty card must be completed and on file with the manufacturer to validate the warranty.



THIS SAFETY ALERT SYMBOL IDENTIFIES IMPORTANT SAFETY MESSAGES IN THIS MANUAL.

# THE UNICORN<sup>®</sup> LOG SPLITTER

## FOR YOUR PROTECTION

READ THE FOLLOWING AND READ ALL SET UP OPERATING INSTRUCTIONS  
BEFORE OPERATING THE UNICORN

Know how to stop or turn off the tractor when you are in the position to split logs.

Familiarize yourself with location of throttle, gear shift, clutch, and ignition relative to your working position. Be sure that forward/reverse lever is in neutral.

Use caution as you would around any rotating (rotary shaft) machinery.

KEEP THE WORK AREA CLEAR - Don't let split or unsplit wood accumulate near the splitter. Do not wear long coats, gloves, loose clothing, scarves, rings and other jewelry, etc. when operating the machinery.

BE SURE OF YOUR FOOTING - Do not operate this unit on ice or slippery mud. Be doubly careful in highly humid or wet conditions.

If the splitter should become stuck, DO NOT FORCE THE SPLITTER. Cut out according to instructions and enter the log at a different spot.

DO NOT ALTER THE FITTING OF THE UNIT.

Failure to install or operate the UNICORN Log Splitter according to instructions automatically voids the accompanying warranty.

Be absolutely certain that the end of log resting on log stop bar is at least 5 inches beyond log stop bar - failure to do so will result in letting the log spin with splitter head with potentially dangerous results.

Keep anyone not actually splitting a log away from the splitter.

A dealer delivery service form and warranty card must be completed and on file with the manufacturer to validate the warranty.

THE THACKERY COMPANY

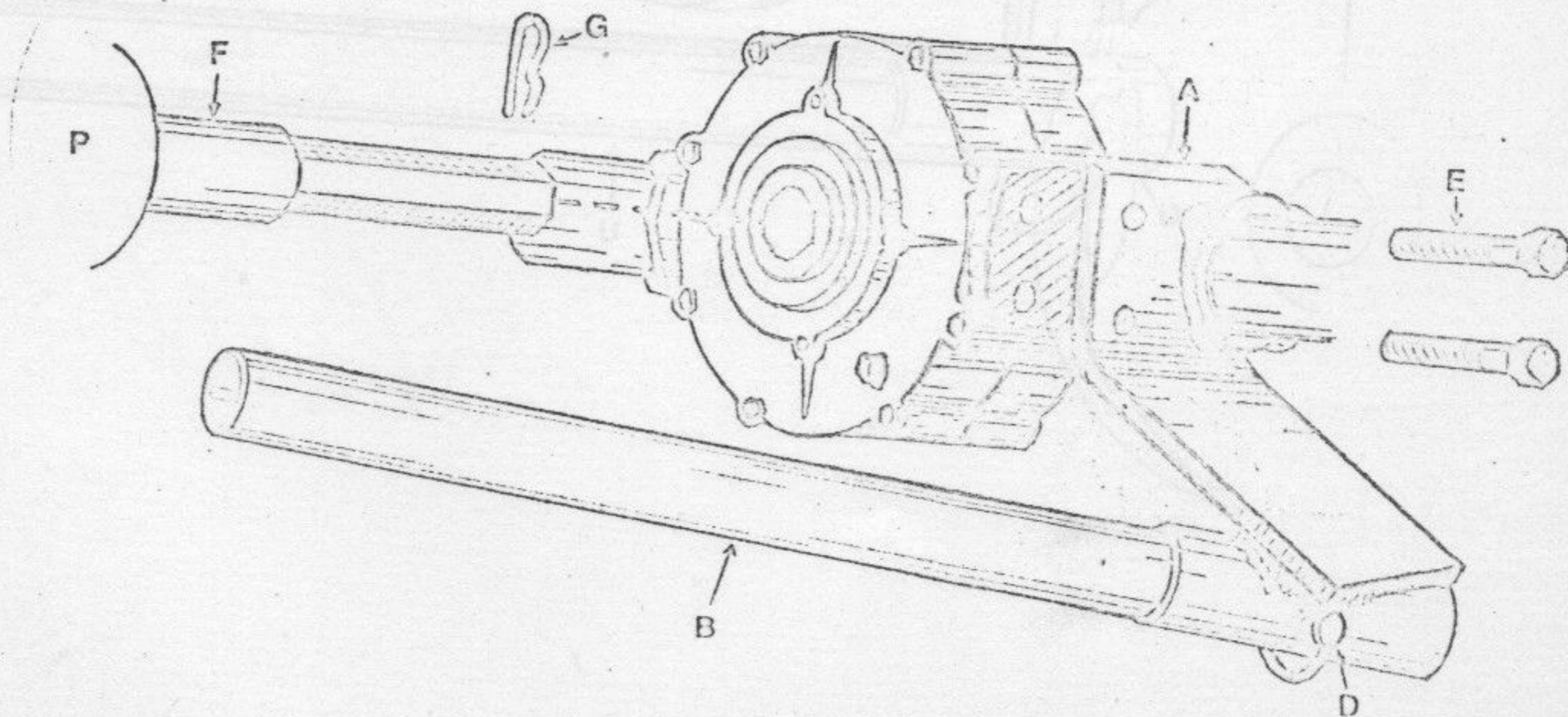
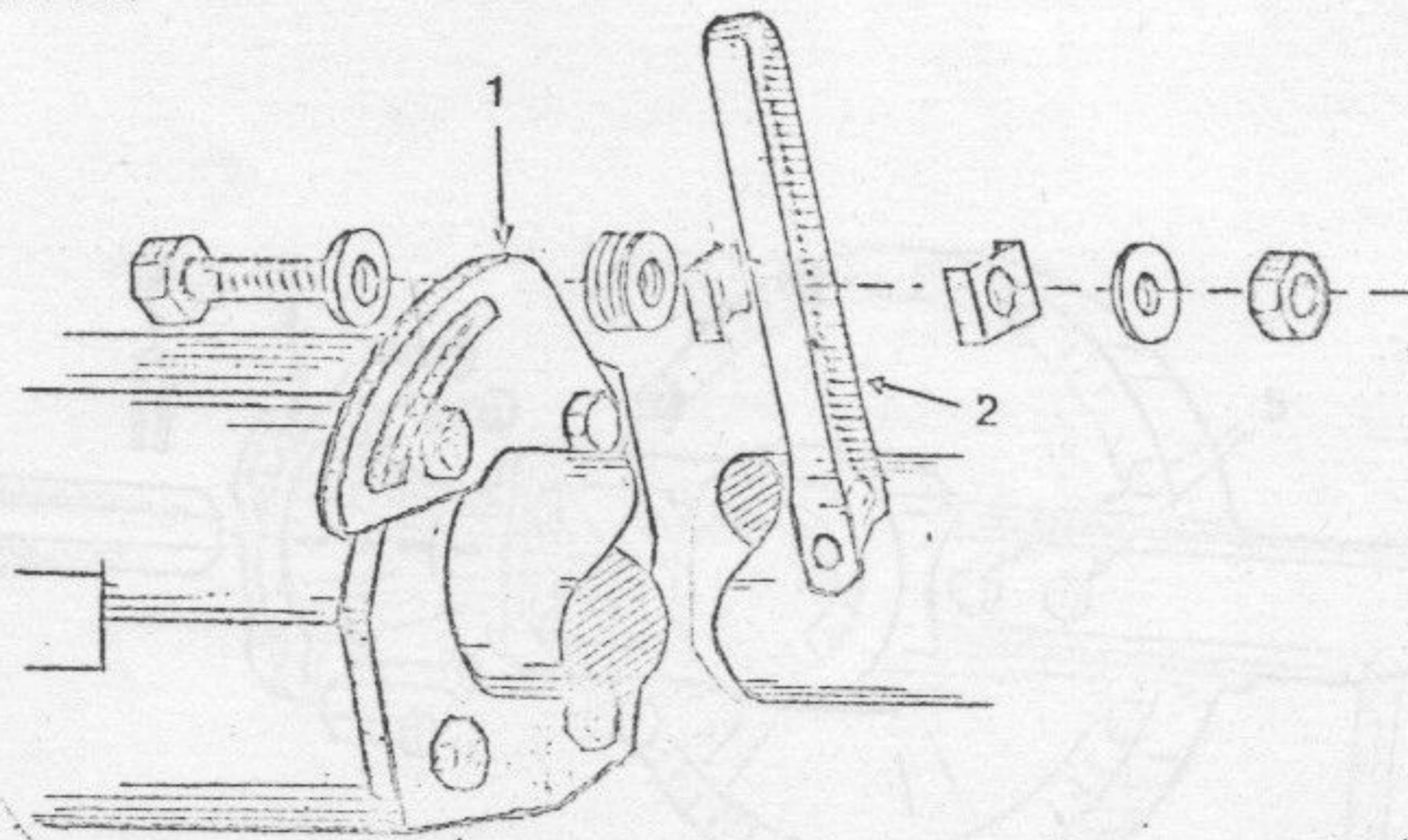
## INSTALLATION OF MARK G2 LOG SPLITTER

Unpack parts and compare package contents with illustration parts page.

Determine which style plow drive is on tractor and follow the installation instructions for that style.

### STYLE #1

1. Remove bolts from bracket (1) and turn plow drive 90° counter clockwise (facing the front of tractor) from plowing position. Reinsert bolts (see drawing) and tighten down.
2. Move plow drive angle adjusting bar (2) so that it is positioned approximately in the middle of the slot of bracket (1). Use saddles, washers, nut and bolt to tighten.
3. Install front UNICORN support stand (A) between plow drive gear box and front wheel mounting bracket using long bolts (E) provided. (See drawing for proper position).
4. Assemble log stop bar (B) into support stand using pin (D).
5. Insert head (P) and sleeve (F). Use pin (G) to fasten splitter into drive.



STYLE #2

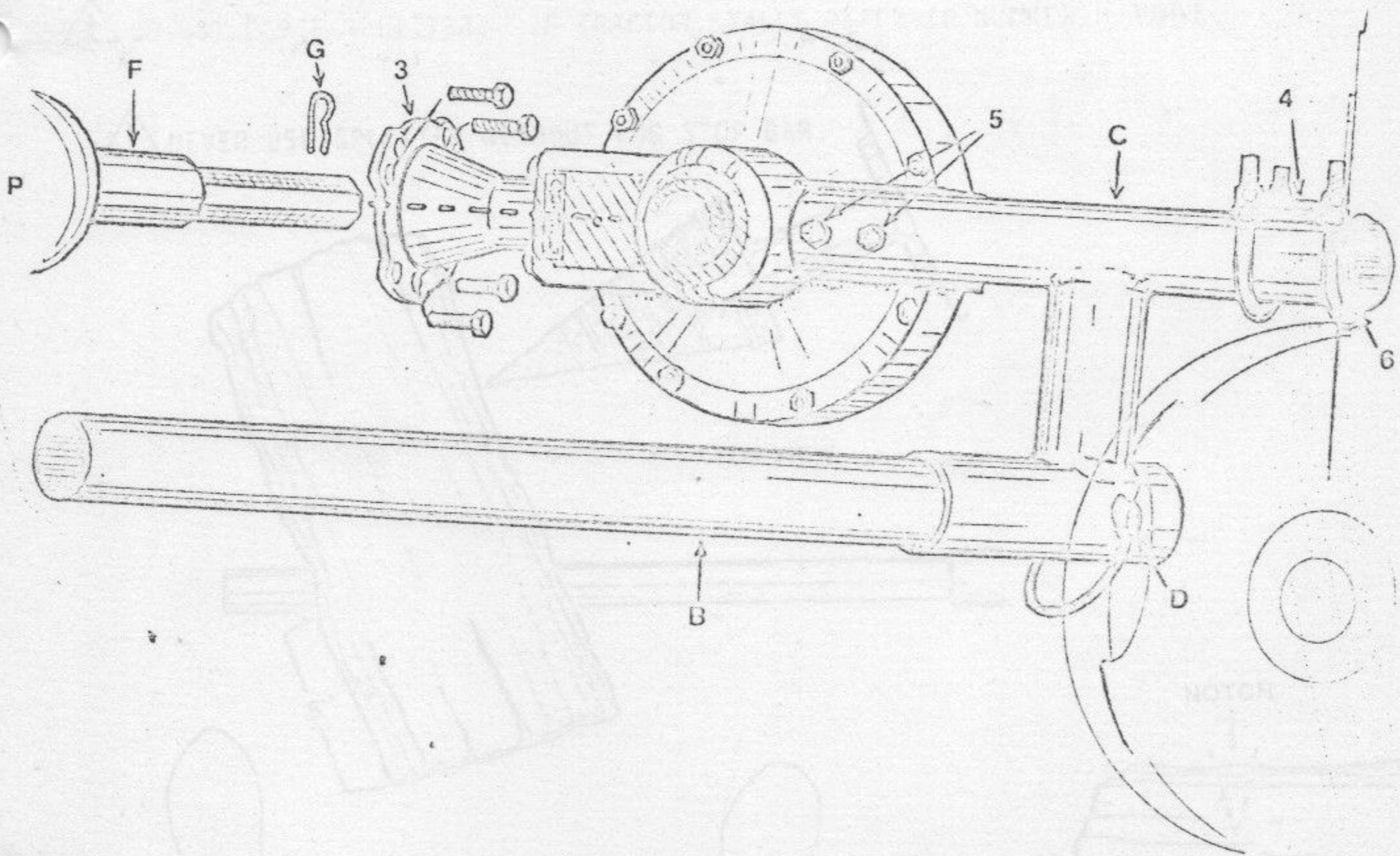
1. Remove 4 bolts from flange (3) and rotate plow drive 90° counter clockwise (facing front of tractor) from plowing position. Reinsert bolts in appropriate holes and tighten. (See drawing for hole pattern).

2. Remove front wheel assembly from wheel mount tube. (Suggestion: the easiest way to remove front wheel assembly is first, remove end wheel plate next, remove snap ring (6) and finally, slide 4 bolt wheel mounting bracket off.)

Remove bolts (5) and replace tube with UNICORN support stand (C). Reinsert bolts and tighten. Reassemble 4 bolt wheel mounting bracket (4) snap ring (6) and front wheel plate.

3. Insert log stop bar (B) and fasten with pin (D).

4. Insert head (P) and sleeve (F). Use pin (G) to fasten splitter into plow drive.

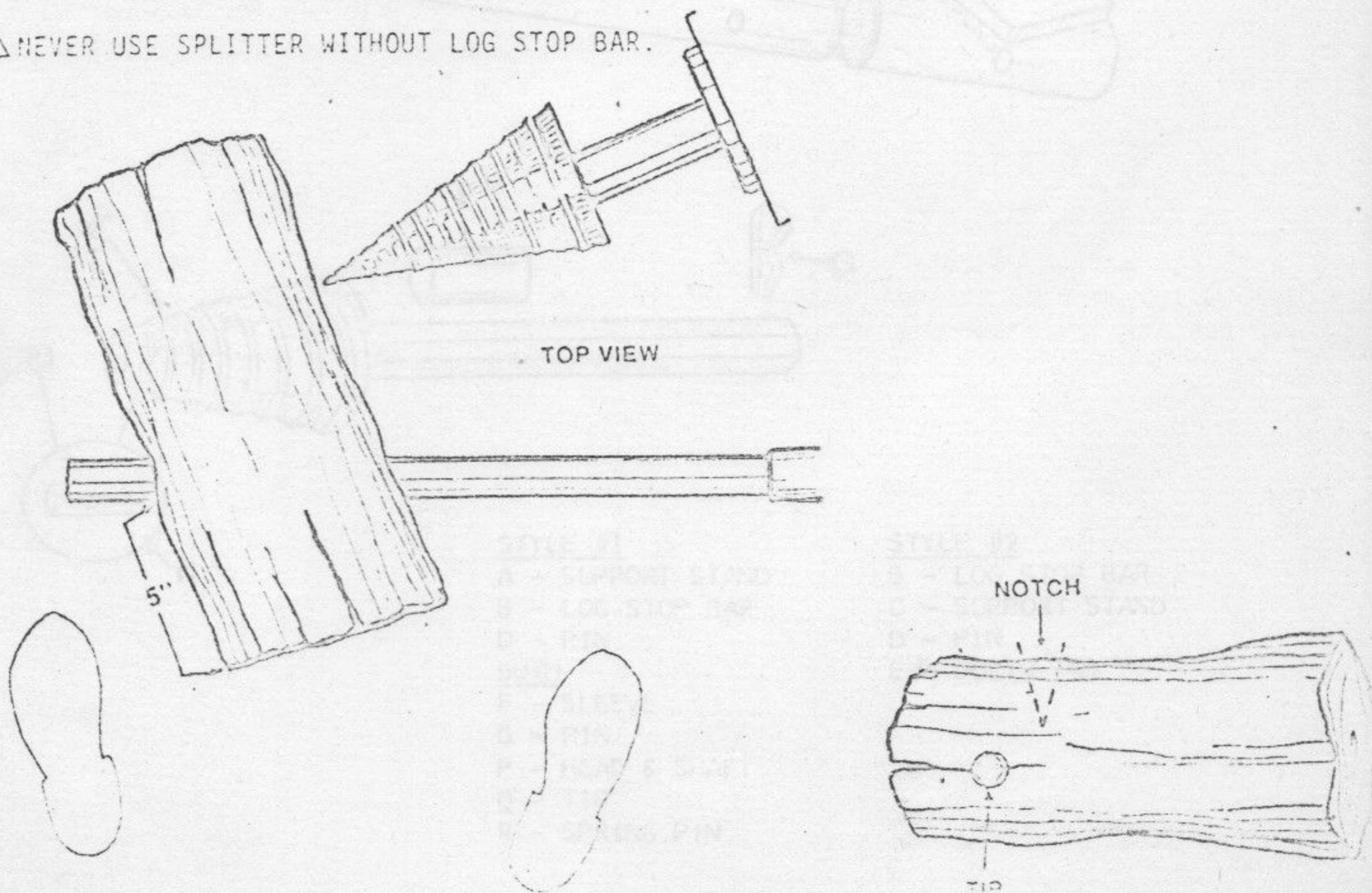


## OPERATING INSTRUCTIONS

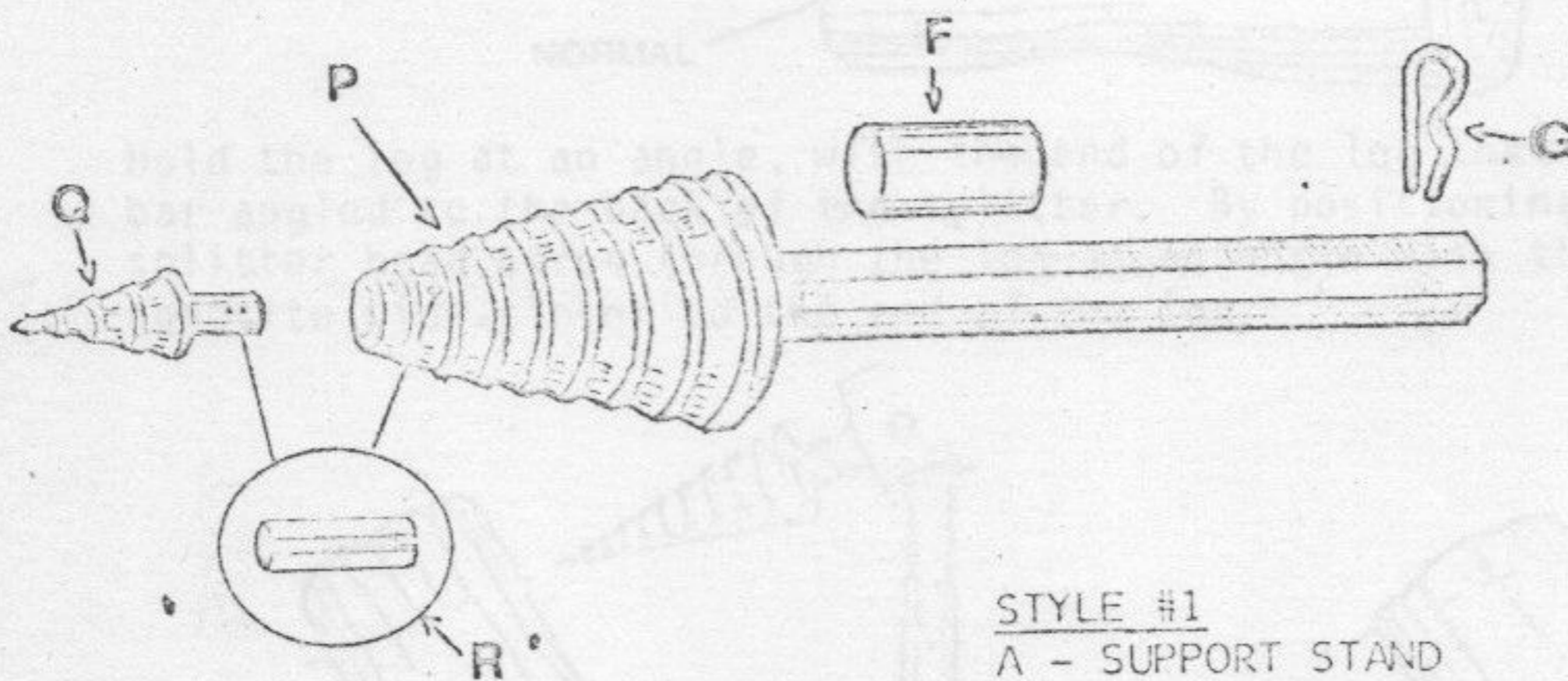
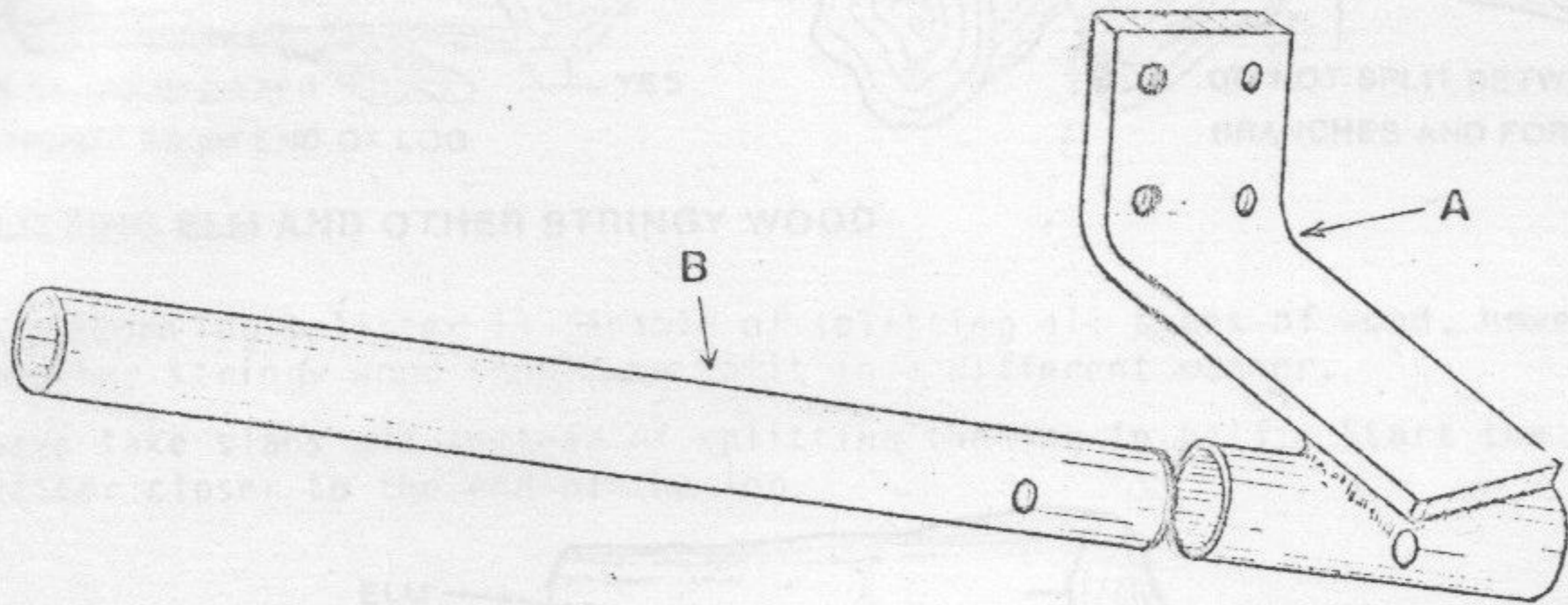
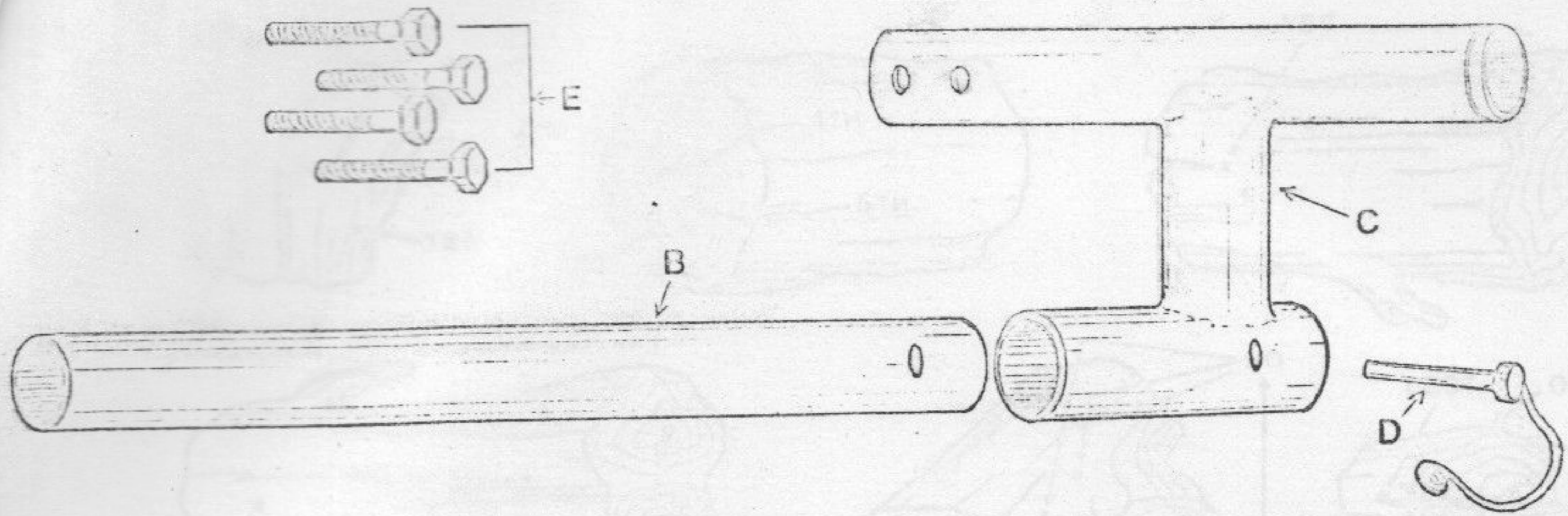
1. Start tractor and engage power take-off.  
Be sure forward/reverse lever is in neutral position. Run tractor at 3/4 throttle.
2. Make certain that the log to be split is at least 5 inches beyond log stop bar (See drawing).  
Failure to do so will result in BENDING log stop bar arm assembly or letting log spin with splitter head.
3. See illustrations on SUGGESTIONS FOR EASY OPERATION page for correct way to position log for easy penetration by the splitter.
4. Press log against rotating point of the splitter. The splitter will act as a wood screw to pull itself into a log and as a rotary wedge to split it. The points starts more easily into bark than into heart-wood.
5. DO NOT START THE TIP OF THE SPLITTER DIRECTLY INTO A KNOT!
6. When splitting wood with the splitter, stand with both feet parallel to the splitter shaft, outside the log stop bar. Do not stand between the log stop bar and the splitter shaft.
7. When learning to use the splitter, practice on small diameter logs until you become familiar with the splitter.
8. If a log becomes stuck and the tractor engine stalls, saw a "V" notch in the log from the side into the anticipated line of split, being careful to locate the notch 4 inches to 5 inches toward the long end of the log away from the splitter head. (See drawing). Then begin again.

⚠ DO NOT FORCE SPLITTER. IF TRACTOR STALLS REFER TO NUMBER 8 ABOVE.

⚠ NEVER USE SPLITTER WITHOUT LOG STOP BAR.



PARTS LIST STYLES 1 & 2



STYLE #1

A - SUPPORT STAND

B - LOG STOP BAR

D - PIN

BOTH

F - SLEEVE

G - PIN

P - HEAD & SHAFT

Q - TIP

R - SPRING PIN

STYLE #2

B - LOG STOP BAR

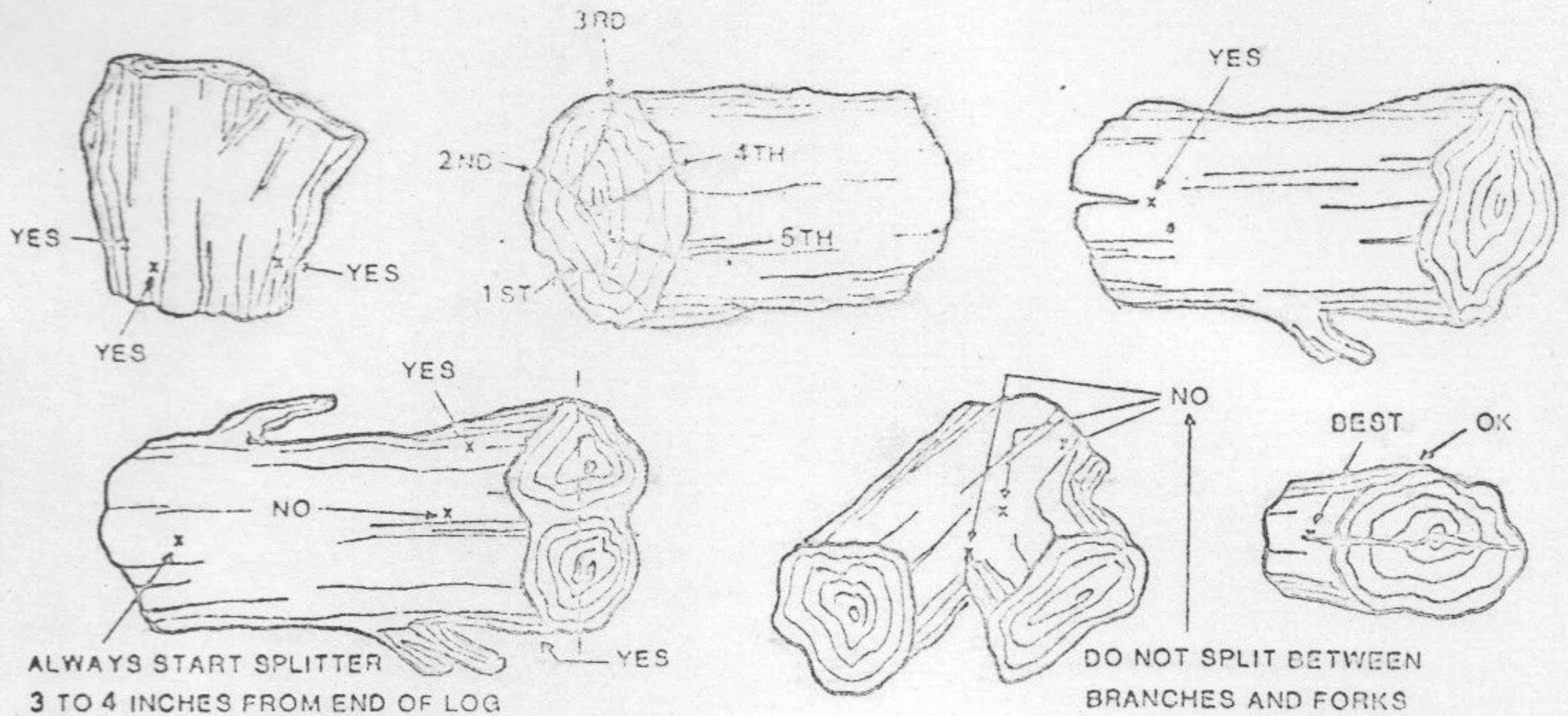
C - SUPPORT STAND

D - PIN

E - BOLTS (4)

## SUGGESTIONS FOR EASY OPERATION

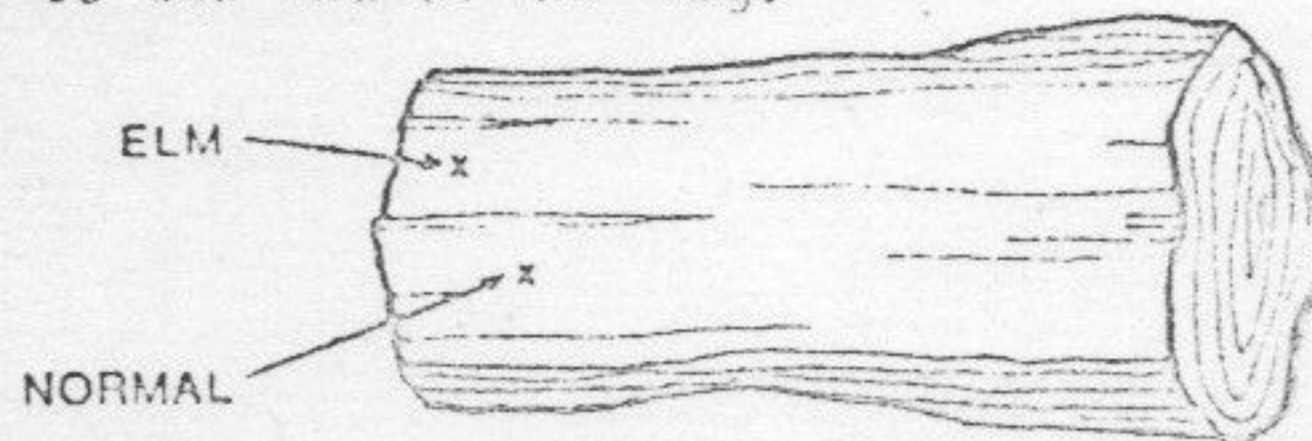
Learn to read a log for easy splitting. Remember - some logs will stall any commercial splitter. Do not start the tip of the splitter directly in a knot or fork from either side. Start the tip above or below a knot. Split crooked parallel to branches.



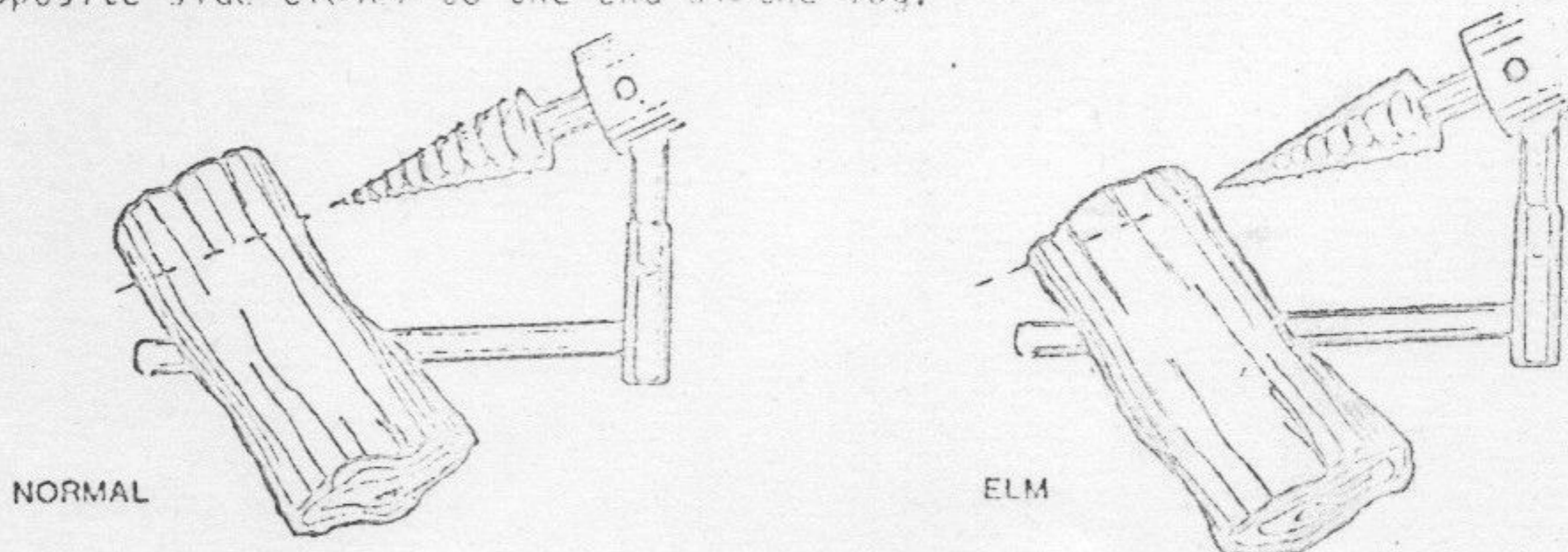
## SPLITTING ELM AND OTHER STRINGY WOOD

The Unicorn log splitter is capable of splitting all types of wood, however, elm and other stringy wood should be split in a different manner.

Always take slabs off instead of splitting the log in half. Start the tip of the splitter closer to the end of the log.



Hold the log at an angle, with the end of the log that is resting on the log stop bar angled to the back of the splitter. By positioning the log in this manner the splitter head bores through the log at an angle with the tip emerging from the opposite side closer to the end of the log.



Splitting elm in this manner lessens the chance of stalling the splitter. After the split has been made and stringy fibers are holding the two pieces together, cut the fibers with a hatchet.