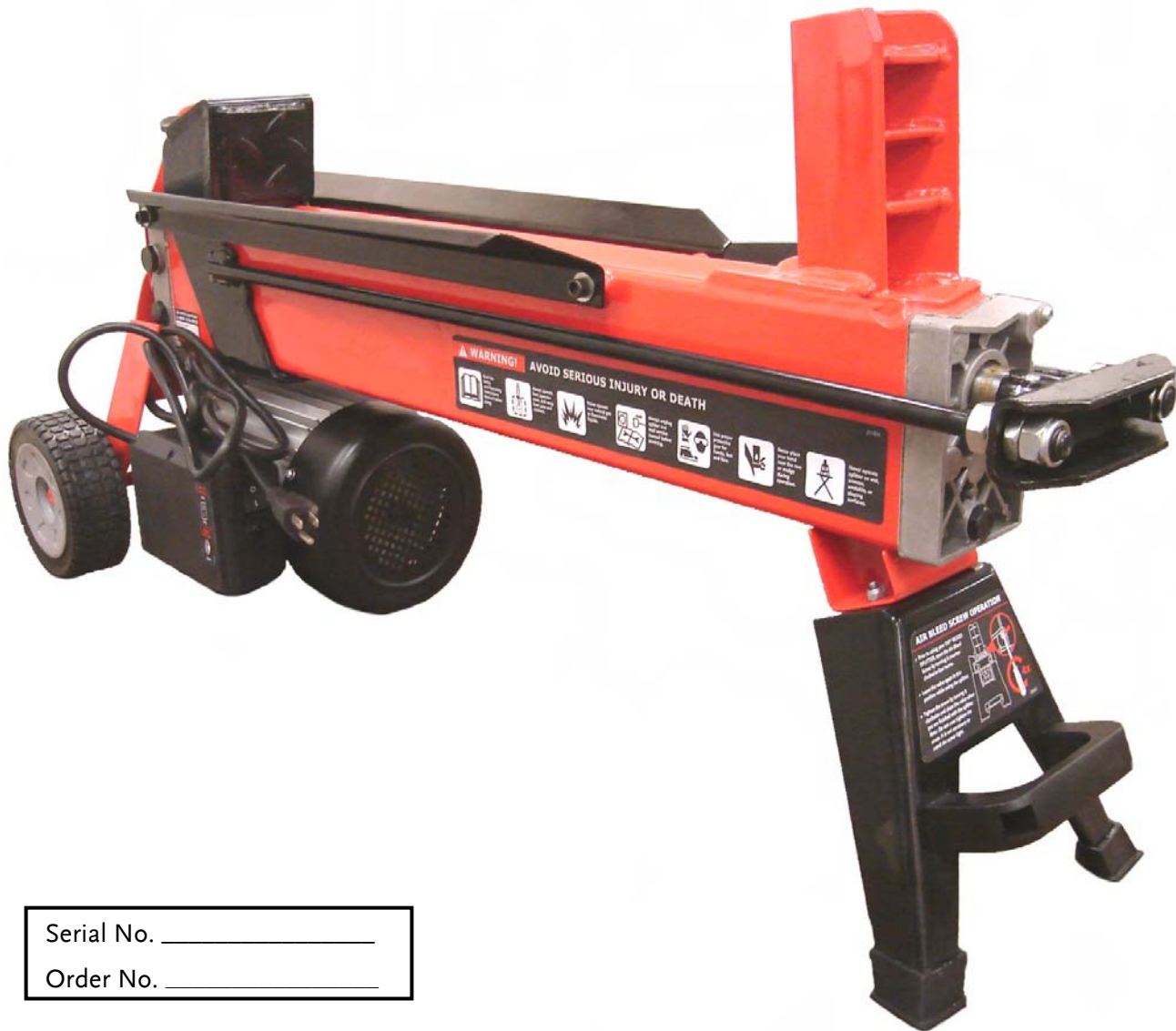


4-TON ELECTRIC/HYDRAULIC DR[®] WOOD SPLITTER SAFETY & OPERATING INSTRUCTIONS



Serial No. _____
Order No. _____

! WARNING!

READ AND UNDERSTAND THIS MANUAL AND ALL INSTRUCTIONS BEFORE OPERATING THIS WOOD SPLITTER.

Congratulations on your purchase of a new 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER!

We have done our utmost to ensure that your 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER will be one of the most trouble-free and satisfying pieces of equipment you have ever owned. Please let us know of any questions you may have. We want to answer them as quickly as possible. When you do call, please have your serial number (**Figure 1** on page 10), or order number handy. **For technical assistance, please visit our website at www.DRPower.com or call Toll-Free 1-800-DR-OWNER (376-9637) and one of our Technical Support Representatives will be happy to help you.** We also hope to hear from you on how much you like your new helper.

In addition, please tell your friends about your new 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER! Having DR Owners spread the word about our products and our way of doing business is the best advertising we can have, and the best way to help us provide even better service in the years to come.

Thanks once again!



for all of us at
DR Power Equipment

Sales Manager

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INTRODUCING THE 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER

This manual will help you set up and safely operate your new 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER. Careful adherence to the safety and operating instructions in this manual will ensure many years of productive use.

Please let us know of any questions you may have. We want to answer them as quickly as possible. When you do call, please have your serial number (*Figure 1* on page 10), or order number handy. **For technical assistance, please visit our website at www.DRPower.com or call Toll-Free 1-800-DR-OWNER (376-9637) and one of our Technical Support Representatives will be happy to help you.**

Conventions used in this manual

WARNING!

THIS INDICATES A HAZARDOUS SITUATION, WHICH, IF NOT AVOIDED, COULD RESULT IN DEATH OR SERIOUS INJURY.

CAUTION!

THIS INDICATES A HAZARDOUS SITUATION, WHICH, IF NOT AVOIDED, COULD RESULT IN MINOR OR MODERATE INJURY.

NOTICE!

THIS INFORMATION IS IMPORTANT IN THE PROPER USE OF YOUR MACHINE. FAILURE TO FOLLOW THIS INSTRUCTION COULD RESULT IN DAMAGE TO YOUR MACHINE OR PROPERTY.

Tip: This is a helpful hint to guide you in getting the most out of your 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER.

Tools Needed: This indicates you will need a specific tool to perform a maintenance function on your 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER.

NOTE: *This information may be helpful to you.*

If you are ever unsure about an action you are about to take, don't do it. Visit our website at www.DRPower.com or contact DR Power Equipment for Toll-Free support at 1-800-DR-OWNER (376-9637) for help or information.

Specifications for the 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER

MAXIMUM RAM FORCE	8,000 lbs.
MAXIMUM LOG LENGTH	20"
MAXIMUM LOG DIAMETER	10"
MAXIMUM RAM TRAVEL (TYPICAL)	15.5"
CLOSED GAP	5"
SUPPORT BEAM L x W	3" x 4.5"
RAM SHAFT DIAMETER	1.25"
RAM CYLINDER DIAMETER	2.2"
RAM CYCLE TIME (TYPICAL)	14 seconds
PUMP SPEED	1-Speed Valve
RAM RETURN MECHANISM	Spring
RAM FACE	4" x 4"
HYDRAULIC FLUID RESERVOIR	4 Liter/1.1 Gallons
HYDRAULIC FLUID for 40°F to 105°F	AW32
HYDRAULIC FLUID for -20°F to 40°F	Dexron® Auto Transmission Fluid
WEDGE HEIGHT	5"
MOTOR RPM	3450 +/- 100
MOTOR SIZE (Input)	1800 Watts-Continuous 2700 Watts-Peak
MOTOR HORSEPOWER (output)	1.8 HP Continuous 2.7 HP Peak
MOTOR VOLTAGE	120 V/60hz
MINIMUM OPERATING VOLTAGE	105 V
ELECTRICAL CORD	6'
RECOMMENDED EXTENSION CORD	12 Gauge (up to 25' length)
WHEEL SIZE DIAMETER	5.75"
WEIGHT OF UNIT	99 lbs.
UNIT SIZE L x W x H	36" x 14" x 14"
BOX DIMENSIONS L x W x H (no pallet)	38.6" x 11" x 20.1"
SHIPPING DIMENSIONS ON PALLET L x W x H	38.6" x 11" x 24.8"
SHIPPING WEIGHT ON PALLET	116 lbs.
ACCESSORIES	
50 FT 10 GAUGE EXTENSION CORD	
25 FT 12 GAUGE EXTENSION CORD	
PROTECTIVE COVER	

GENERAL SAFETY RULES

! WARNING!

READ THIS SAFETY AND OPERATING INSTRUCTIONS MANUAL BEFORE YOU USE THE 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER. BECOME FAMILIAR WITH THE SERVICE RECOMMENDATIONS TO ENSURE THE BEST PERFORMANCE FROM YOUR WOOD SPLITTER.

Labels

Your 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER carries prominent labels as reminders for its proper and safe use. Shown below are copies of all the labels that appear on the equipment. Take a moment to study them and make a note of their location on your 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER as you assemble and *before* you operate the machine. Replace damaged or missing safety and information labels immediately.

!

WARNING!

AVOID SERIOUS INJURY OR DEATH

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Read the Safety and Operating Instructions Manual before using.



Always operate from operator zone, and away from pets and children.



Never operate near natural gas or flammable liquids.



Always unplug splitter and read service manual before servicing.



Use proper protective gear for hands, feet and face.



Never place your hand near the ram or wedge during operation.

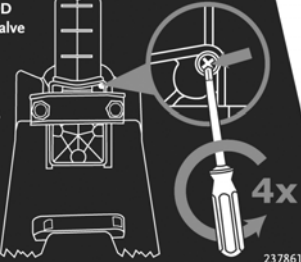


Never operate splitter on wet, uneven, unstable, or sloping surfaces.

#237871

AIR BLEED SCREW OPERATION

- Prior to using your DR® WOOD SPLITTER, open the pressure valve by turning the Air Bleed Screw counter-clockwise four turns.
- Leave the pressure valve open in this position while using the splitter.
- When you are finished with the splitter, close the pressure valve by turning the Air Bleed Screw clockwise. *Note: Do not over tighten the Air Bleed Screw. It is not necessary to crank the screw tight.*



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#237861

!

WARNING!

211901

OPERATING INSTRUCTIONS

- Read Operator's Manual for complete instructions before operating
- Load log between guide rails against wedge
- Work Safely: wear eye protection, gloves and sturdy footwear
- Move Ram Control Lever to advance and split
- Check Motor Switch is OFF
- Release Ram Control Lever to retract
- OPEN Bleed Screw
- Turn Motor Switch OFF and DISCONNECT Power and CLOSE Bleed Screw when done splitting or leaving machine unattended
- Connect Power
- Turn Motor Switch ON

ALWAYS KEEP HANDS AWAY FROM LOG WHEN SPLITTING

#211901

IDLE

↑

↓

SPLIT

211911

#211911

MOTOR SWITCH

O

(OFF)

I

(ON)

C

RESET BUTTON

232441

#232441

Protecting Yourself and Those Around You

WARNING!

THIS IS A POWERFUL MACHINE. YOU MUST USE PROPER CLOTHING AND SAFETY GEAR WHEN OPERATING THIS MACHINE TO PREVENT OR MINIMIZE THE RISK OF SEVERE INJURY. THIS MACHINE CAN CUT AND SEVER PARTS OF YOUR BODY IF THEY BECOME CAUGHT BETWEEN THE RAM, LOG, GUIDING PLATES AND/OR THE SPLITTING WEDGE. ALWAYS TAKE THE FOLLOWING PRECAUTIONS WHEN OPERATING THIS MACHINE:

- ALWAYS WEAR PROTECTIVE GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS WHILE SPLITTING WOOD TO PROTECT YOUR EYES FROM POSSIBLE THROWN BITS OF WOOD.
 - WEAR SHOES WITH NON-SLIP TREADS WHEN USING YOUR 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER. IF YOU HAVE SAFETY SHOES, WE RECOMMEND WEARING THEM. DO NOT USE THE MACHINE WHILE BAREFOOT OR WEARING OPEN SANDALS.
 - AVOID WEARING LOOSE CLOTHING OR JEWELRY, WHICH CAN CATCH ON THE WOOD SPLITTER'S MOVING PARTS.
 - WE RECOMMEND WEARING GLOVES WHILE SPLITTING WOOD. BE SURE YOUR GLOVES FIT PROPERLY AND DO NOT HAVE LOOSE CUFFS OR DRAWSTRINGS.
-

Operating the 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER Safely

WARNING!

THIS IS A POWERFUL MACHINE. YOU MUST OPERATE THE MACHINE SAFELY. UNSAFE OPERATION CAN CREATE A NUMBER OF HAZARDS FOR YOU. ALWAYS TAKE THE FOLLOWING PRECAUTIONS WHEN USING THIS MACHINE:

- NEVER ALLOW PEOPLE WHO ARE UNFAMILIAR WITH THESE INSTRUCTIONS TO USE THE 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER.
- TO BE SAFE, DO NOT OPERATE THE MACHINE NEAR SMALL CHILDREN OR PETS, AND NEVER ALLOW CHILDREN TO OPERATE THE WOOD SPLITTER. RETRACT THE RAM AND STOP THE MOTOR WHEN ANOTHER PERSON OR PET APPROACHES.
- NEVER TEAM UP WITH ANOTHER PERSON TO OPERATE THE WOOD SPLITTER CONTROLS – THIS IS A ONE PERSON JOB.
- KEEP YOUR HANDS AND FEET AWAY FROM THE SPLITTING AREA WHILE THE RAM IS IN MOTION.
- USE ONLY YOUR HANDS TO OPERATE THE WOOD SPLITTER CONTROLS.
- DO NOT PLACE YOUR HANDS AT PINCH POINTS WHERE THEY CAN CATCH BETWEEN A LOG AND THE WEDGE, LOG GUIDING PLATES OR THE RAM.
- DO NOT PUT ANY PART OF YOURSELF, YOUR CLOTHING, OR YOUR PERSONAL PROTECTIVE EQUIPMENT INTO A CRACK IN A LOG THAT YOU ARE SPLITTING; IT MIGHT CLOSE SUDDENLY WITH GREAT FORCE.
- NEVER SPLIT ANYTHING OTHER THAN LOGS FREE OF NAILS, WIRES, AND BRANCHES. MAXIMUM LOG LENGTH IS 20" WITH A MAXIMUM DIAMETER OF 10" FOR THE DR 4-TON WOOD SPLITTER.

NOTE: The log diameter does not necessarily indicate the difficulty of the split. A small diameter log can be difficult to split if it has knots or its fiber is very tough, whereas you can split a larger log easily if its fiber is smooth and loose.

! WARNING!

- NEVER OPERATE THE WOOD SPLITTER IN AN AREA OF NATURAL GAS OR FLAMMABLE LIQUIDS.
- NEVER SPLIT WOOD IN WET OR SLIPPERY CONDITIONS.
- ALWAYS OPERATE THE WOOD SPLITTER FROM THE OPERATOR ZONE (*FIGURE 10 ON PAGE 15*). NEVER STAND ON, STRADDLE, OR CLIMB OVER THE WOOD SPLITTER AT ANY TIME.
- DO NOT HANDLE LOGS BY THEIR ENDS WHEN YOU POSITION THEM ON THE WOOD SPLITTER.



- ALWAYS UNPLUG THE WOOD SPLITTER FROM THE POWER SOURCE BEFORE ADJUSTING OR SERVICING THE MACHINE. IF YOU HAVE TO STOP TO REMOVE ANY DEBRIS FROM THE MACHINE, ALWAYS RETRACT THE RAM AND UNPLUG THE MACHINE.
 - DO NOT MOVE OR REPOSITION THE WOOD SPLITTER WITH ITS MOTOR RUNNING.
 - DO NOT, UNDER ANY CONDITIONS, REMOVE, BEND, CUT, FIT, WELD, OR OTHERWISE ALTER STANDARD PARTS ON THE 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER. MODIFICATIONS TO YOUR MACHINE COULD CAUSE PERSONAL INJURIES AND WILL VOID YOUR WARRANTY.
 - WHILE USING THE 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER, DON'T HURRY OR TAKE THINGS FOR GRANTED.
 - DO NOT OPERATE THE MACHINE WHEN UNDER THE INFLUENCE OF ALCOHOL, DRUGS, OR MEDICATION.
 - USE THE MACHINE ONLY IN DAYLIGHT.
-

Safety for Children

! WARNING!

TRAGIC ACCIDENTS CAN OCCUR IF THE OPERATOR IS NOT ALERT TO THE PRESENCE OF CHILDREN. CHILDREN ARE OFTEN ATTRACTED TO THE WOOD SPLITTER AND THE SPLITTING ACTIVITY. NEVER ASSUME THAT CHILDREN WILL REMAIN WHERE YOU LAST SAW THEM.

- KEEP CHILDREN OUT OF THE SPLITTING AREA AND UNDER THE WATCHFUL CARE OF A RESPONSIBLE ADULT.
 - BE ALERT AND TURN THE WOOD SPLITTER OFF IF CHILDREN ENTER THE WORK AREA.
 - NEVER ALLOW CHILDREN TO OPERATE THE 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER.
-

Safety with Electric-Powered Machines



NEVER OVERLOOK THE HAZARDS OF ELECTRICITY. ALWAYS FOLLOW THESE PRECAUTIONS:

- NEVER OPEN THE SWITCH BOX OR MOTOR COVER. NEVER ATTEMPT ANY ELECTRICAL REPAIRS YOURSELF. IF IN DOUBT, CONSULT A QUALIFIED ELECTRICIAN, VISIT OUR WEBSITE AT WWW.DRPOWER.COM OR CONTACT DR POWER EQUIPMENT FOR TOLL-FREE SUPPORT AT: **1-800-DR-OWNER (376-9637)** FOR HELP OR INFORMATION.
 - NEVER OPERATE THE WOOD SPLITTER IF THERE IS AN ELECTRICAL HAZARD PRESENT.
 - NEVER OPERATE THE WOOD SPLITTER IN WET CONDITIONS.
 - NEVER OPERATE THE WOOD SPLITTER WITH A DAMAGED ELECTRICAL CORD OR DAMAGED EXTENSION CORD.
 - NEVER PULL ON THE ELECTRICAL CORD TO MOVE THE MACHINE.
 - ALWAYS GRASP THE ELECTRICAL CORD PLUG WHEN UNPLUGGING THE CORD FROM THE OUTLET; NEVER PULL THE PLUG OUT BY THE CORD.
 - NEVER OPERATE THE WOOD SPLITTER UNLESS THE ELECTRICAL CORD IS PLUGGED INTO A PROPERLY GROUNDED OUTLET, WHICH SUPPLIES 110-120V POWER, AND IS PROTECTED BY A 15-AMP CIRCUIT BREAKER.
 - NEVER TAMPER WITH SAFETY DEVICES. CHECK THEIR PROPER OPERATION REGULARLY.
 - IF YOU WILL USE AN EXTENSION CORD, KEEP THE CONNECTION BETWEEN THE ELECTRICAL CORD AND THE EXTENSION CORD WELL AWAY FROM ANY WATER.
 - NEVER USE AN EXTENSION CORD LONGER THAN 25 FEET AND SMALLER THAN 12 AWG IN DIAMETER, OR LONGER THAN 50 FEET AND SMALLER THAN 10 AWG IN DIAMETER; THE CORD WILL PRODUCE A VOLTAGE DROP THAT WILL PREVENT THE MOTOR FROM SUPPLYING FULL POWER AND MAY CAUSE DAMAGE TO THE MOTOR.
 - ALWAYS KEEP THE ELECTRICAL CORD AND/OR EXTENSION CORD AWAY FROM EXCESSIVE HEAT, OIL, AND SHARP OBJECTS.
-

Tip: Reference page 23 for the Troubleshooting Table.

Hydraulic Safety

WARNING!

ESCAPING PRESSURIZED FLUID FROM HYDRAULIC SYSTEM LEAKS CAN HAVE ENOUGH FORCE TO PENETRATE SKIN AND CAUSE SERIOUS INJURY OR DEATH. HYDRAULIC FLUID CAN REMAIN PRESSURIZED WHILE THE MOTOR IS OFF DUE TO THE RETURN SPRING FORCE ON THE RAM. ALWAYS FOLLOW THESE PRECAUTIONS:

- ALWAYS RELEASE RESIDUAL ENERGY FROM PRESSURIZED HYDRAULIC FLUID AND ALLOW THE FLUID TO COOL BEFORE DOING ANY MAINTENANCE OR REPAIR WORK ON THE WOOD SPLITTER.
 - PLEASE FOLLOW THESE STEPS TO DEPRESSURIZE THE SYSTEM AND RELEASE RESIDUAL HYDRAULIC ENERGY BEFORE STARTING ANY REPAIRS.
 - UNPLUG THE WOOD SPLITTER FROM THE POWER SOURCE.
 - MOVE THE OPERATING HANDLE DOWN AND UP FROM ONE LIMIT OF TRAVEL TO THE OTHER AT LEAST FOUR TIMES. HOLD THE HANDLE FOR THREE SECONDS AT EACH LIMIT OF TRAVEL. THE RAM SHOULD NOT MOVE DURING THE 4TH CYCLE AND SHOULD REMAIN FULLY RETRACTED.
 - VISIT OUR WEBSITE AT WWW.DRPOWER.COM, CALL 1-800-DR-OWNER (376-9637), OR CALL A QUALIFIED HYDRAULIC MECHANIC FOR ASSISTANCE TO REPLACE WORN COMPONENTS.
 - NEVER USE YOUR HAND OR ANY PART OF YOUR BODY TO CHECK FOR HYDRAULIC SYSTEM LEAKS WHILE THE SYSTEM IS PRESSURIZED.
 - NEVER REMOVE THE FILL/DIPSTICK CAP FROM THE HYDRAULIC FLUID PORT WHILE THE MOTOR IS RUNNING OR WHILE THE TANK IS STILL WARM AFTER THE MOTOR IS OFF. HOT PRESSURIZED FLUID CAN CAUSE SERIOUS INJURY, SO WAIT FOR THE HYDRAULIC TANK TO COOL BEFORE REMOVING CAP.
 - THE WOOD SPLITTER MUST BE ON A LEVEL SURFACE.
 - PERIODICALLY CHECK FOR HYDRAULIC FLUID LEAKS BY PLACING A SHEET OF CARDBOARD UNDER THE WOOD SPLITTER WHILE THE SYSTEM IS RUNNING.
 - GET PROFESSIONAL MEDICAL HELP AT ONCE IF HYDRAULIC OIL PENETRATES ANYONE'S SKIN.
 - NEVER ADJUST THE HYDRAULIC SYSTEM.
-

Tip: Reference page 23 for the Troubleshooting Table.

! CAUTION!

THE WOOD SPLITTER MUST BE OPERATED SAFELY TO PREVENT OR MINIMIZE THE RISK OF MINOR OR MODERATE INJURY. UNSAFE OPERATION CAN CREATE A NUMBER OF HAZARDS FOR YOU. ALWAYS TAKE THE FOLLOWING PRECAUTIONS WHEN OPERATING THIS WOOD SPLITTER:

- KEEP IN MIND THAT THE OPERATOR OR USER IS RESPONSIBLE FOR ACCIDENTS OR HAZARDS OCCURRING TO OTHER PEOPLE, THEIR PROPERTY, AND THEMSELVES.
 - WEAR LONG PANTS WHILE SPLITTING WOOD.
 - ALWAYS CUT THE ENDS OF THE LOG YOU ARE SPLITTING AS SQUARELY AS POSSIBLE.
 - NEVER SPLIT MORE THAN ONE LOG AT A TIME UNLESS YOU FULLY EXTENDED THE RAM AND YOU NEED A SECOND LOG TO COMPLETE THE SPLIT OF THE FIRST LOG.
 - NEVER PUT ANYTHING BETWEEN THE LOG GUIDING PLATES AND THE SIDE OF A LOG; LOGS SPREAD AS THEY ARE FORCED AGAINST THE WEDGE.
 - NEVER OPERATE THE RAM IN A STALLED POSITION FOR MORE THAN FIVE (5) SECONDS. THE HYDRAULIC FLUID MAY OVERHEAT AND DAMAGE THE MACHINE. IF THE WOOD BEING SPLIT IS EXCESSIVELY HARD, STOP THE MACHINE, ROTATE THE LOG 180° AND TRY AGAIN. IF YOU STILL CANNOT SPLIT THE LOG, REJECT THE LOG AS IT EXCEEDS THE CAPACITY OF THE MACHINE.
 - NEVER LEAVE THE WOOD SPLITTER UNATTENDED. IF YOU LEAVE THE AREA, UNPLUG THE POWER SOURCE.
 - CLEAN UP AS YOU WORK; ACCUMULATED SPLIT WOOD AND WOOD CHIPS CAN CREATE A HAZARDOUS WORK ENVIRONMENT.
 - ALWAYS CHECK THE ALIGNMENT OF MOVING PARTS AND FOR DAMAGED OR WORN PARTS.
 - KEEP ALL NUTS AND BOLTS TIGHT AND KEEP THE EQUIPMENT AND ATTACHMENTS IN GOOD OPERATING CONDITION.
 - ALWAYS CHECK THE ELECTRICAL CORD FOR DAMAGE PRIOR TO EVERY USE AND THAT IT IS FULLY PROTECTED FROM DAMAGE FROM THE EQUIPMENT OR MATERIALS WHILE OPERATING THE MACHINE.
 - SEE MANUFACTURER'S INSTRUCTIONS FOR PROPER OPERATION AND INSTALLATION OF ACCESSORIES. ONLY USE ACCESSORIES APPROVED BY DR POWER EQUIPMENT.
 - NO LIST OF WARNINGS AND CAUTIONS CAN BE ALL-INCLUSIVE. IF SITUATIONS OCCUR THAT ARE NOT COVERED BY THIS MANUAL, THE OPERATOR MUST APPLY COMMON SENSE AND OPERATE THIS WOOD SPLITTER IN A SAFE MANNER. VISIT OUR WEBSITE AT WWW.DRPOWER.COM OR CALL 1-800-DR-OWNER (376-9637) FOR ASSISTANCE.
-

Additional Information and Potential Changes

DR Power Equipment reserves the right to discontinue, change, and improve its products at any time without notice or obligation to the purchaser. The descriptions and specifications contained in this manual were in effect at printing. Equipment described within this manual may be optional. Some illustrations may not be applicable to your machine.

UNPACKING AND ASSEMBLING THE 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER

This chapter outlines a few simple steps you will need to follow to unpack and assemble your new machine before you use it. Familiarize yourself with the controls and features on your new wood splitter by reviewing *Figure 1* on page 10 before beginning the steps outlined in this chapter. **If you have any questions at all, please feel free to visit our website at www.DRPower.com or contact our Technical Support Representatives at our Toll-Free number 1-800-DR-OWNER (376-9637).**

4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER Controls and Features

NOTE: The model shown in Figure 1 may look slightly different from your machine.

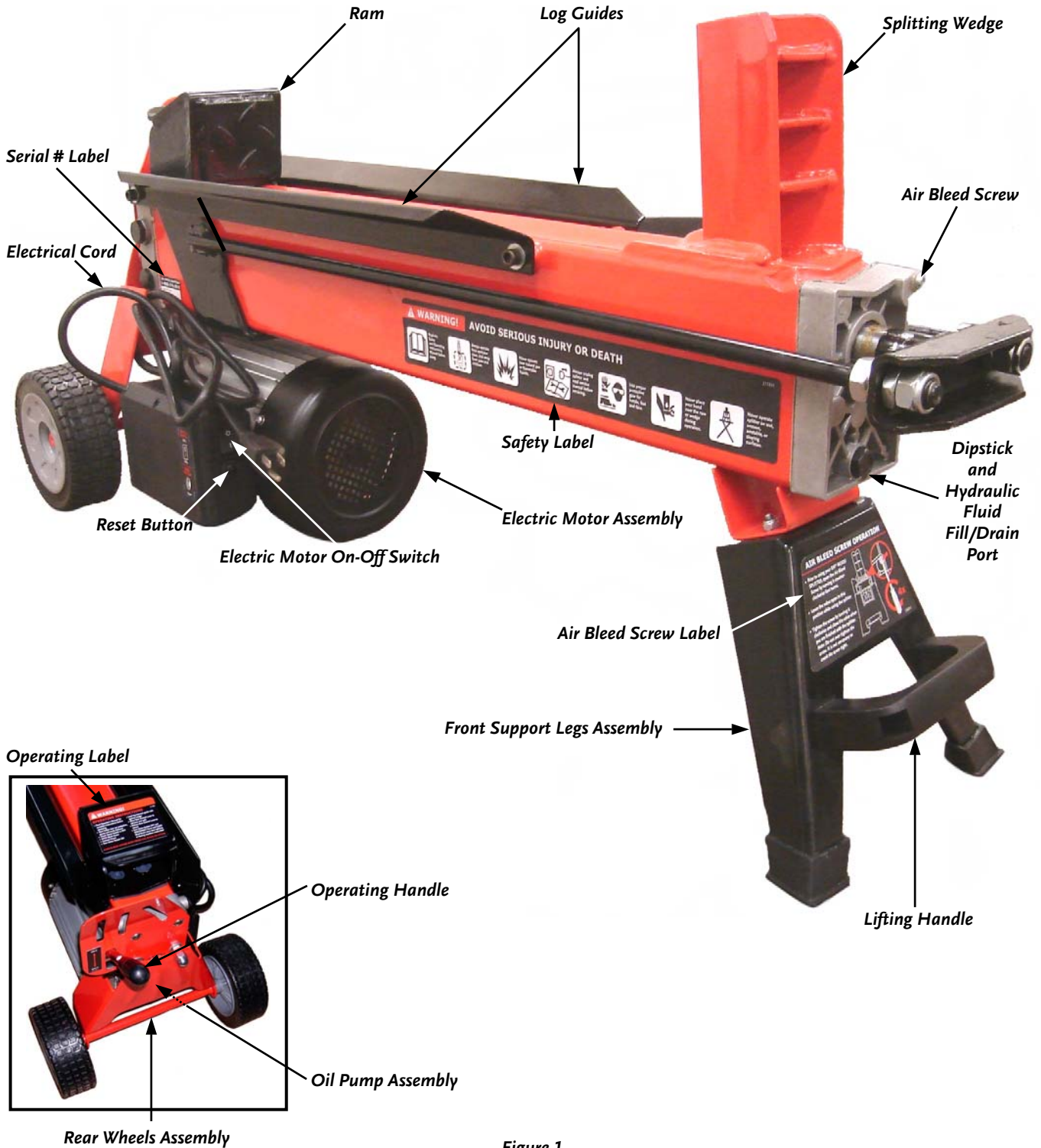


Figure 1

Unpacking and Assembling the 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER

NOTE: Read this Safety & Operating Instructions Manual before using your new 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER. The Wood Splitter is shipped from the factory fully assembled with the exception of the Rear Wheels Assembly, Front Support Legs Assembly, and the Operating Handle. The following instructions will detail how to unpack and assemble the machine.

Tools and Parts Supplied:

- 6mm Allen Key
- (2) 10 - 12mm Wrench
- 13 - 16mm Wrench
- Operating Handle
- Extra Hydraulic Seal
- Wheel Frame Assembly
- Front Support Legs Assembly

Additional Tool and Safety Gear Required:

- Razor Knife
- Eye Protection



! CAUTION!

- STABILIZE THE SHIPPING PALLET ON A FLAT SURFACE BEFORE ATTEMPTING TO UNPACK AND ASSEMBLE THE MACHINE.
- WEAR EYE PROTECTION WHEN CUTTING THE BANDING. THE BANDING IS UNDER HIGH TENSION AND MAY SNAP AND STRIKE YOU WHEN CUT. STAND TO ONE SIDE WHEN CUTTING THE BANDING.

1. Using a Razor Knife carefully cut the banding around the shipping carton and the tape securing the top lid (**Figure 2**).
2. Open the carton, remove the plastic bag of supplied tools and hardware from the packing, and set it aside (**Figure 3**).
3. Remove the top packing material, and with the help of another person (the unit weighs 99 pounds), carefully lift your new machine out of the shipping carton and carefully lay it on its side (**Figure 4**).
4. Remove the Rear Wheels Assembly and Front Support Legs Assembly from the shipping carton and set them aside.
5. Using a Razor Knife carefully cut the band and plastic wrap from around the Motor and remove the wooden wedge from between the Motor Housing and the Main Frame (**Figure 4**).

NOTE: Use care not to cut the Electrical Cord (**Figure 4**).

6. Do not discard your packing material or the pallet until you are fully satisfied with your new 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER.



Figure 2



Figure 3

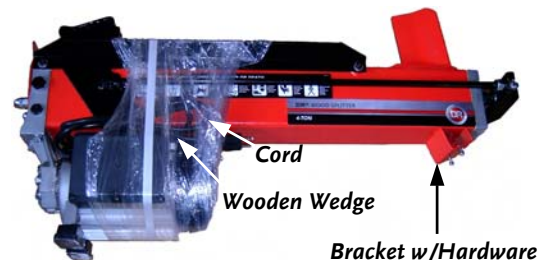


Figure 4

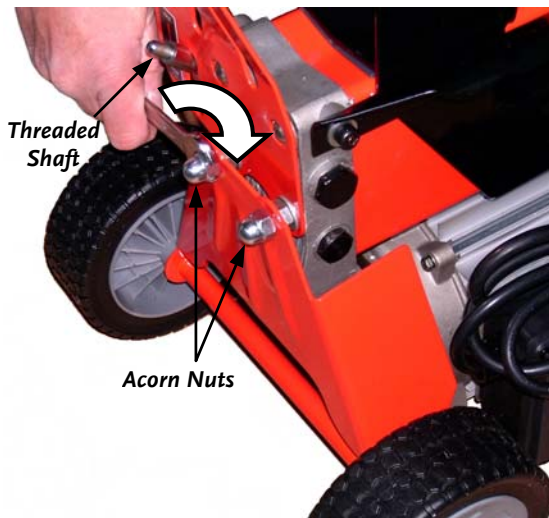


Figure 5

7. With your helper, stand the machine upright and stabilize it. Using the 16mm Wrench, remove the two (2) Acorn Nuts from the rear of the machine and install the Wheel Frame Assembly on the exposed studs. Reinstall the two (2) Acorn Nuts and tighten securely (**Figure 5**).
8. With your helper, lift the front of the machine to an upright vertical position and stabilize it. Using the two (2) 10mm Wrenches, remove the two (2) Mounting Bolts and Lock Nuts from the Front Support Legs Mounting Bracket (**Figure 4** on page 11).
9. Attach the Front Support Legs Assembly to the Mounting Bracket using the two (2) Mounting Bolts and Lock Nuts by inserting the Bolts from the inside of the Bracket. Tighten the mounting hardware securely using the two (2) 10mm Wrenches (**Figure 6**).
10. Install the Operating Handle at the rear of the machine by screwing it clockwise onto the Threaded Shaft (**Figure 5**). Securely tighten the Handle with the 10mm Wrench (**Figure 7**).



Figure 6



Figure 7

! NOTICE!

BEFORE ATTEMPTING TO OPERATE YOUR NEW 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER, READ THE SECTION TITLED “BEFORE STARTING THE ELECTRIC MOTOR” ON PAGE 13 IN THE SAFETY & OPERATING INSTRUCTIONS MANUAL.

If you have questions, please visit our website at www.DRPower.com or contact one of our Technical Support Representatives by calling Toll-Free 1-800-DR-OWNER (376-9637).

OPERATING YOUR 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER

This chapter covers the procedures for operating your new 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER and discusses basic operation features. You may find it helpful to review the Controls and Features on page 10.

Before Starting the Electric Motor

Tools Needed:

- Adjustable Wrench
- #3 Phillips Screwdriver

1. Inspect the area in which you will be working.

- Place the Wood Splitter only on a firm, level, supported surface 2 to 3 feet above the ground.
- NEVER operate the Wood Splitter on the ground as there is risk of injury and would not be comfortable for the operator while in use.
- The site must be free of slippery surfaces and potentially hazardous obstacles. Also, make sure there won't be people or animals within a six-foot radius around the Wood Splitter.

2. Plan your work before you start.

- Have the logs that you are splitting positioned where you can easily reach them. Remember, the maximum log length is 20" and the maximum diameter is 10" for this Wood Splitter.
- Split only dry, seasoned logs as they will split more easily than green logs. Green logs may stick on the wedge and jam the Wood Splitter.
- Have a site located where the split wood can be stacked or loaded onto a truck or nearby carrier.

! NOTICE!

- ALWAYS MAKE CERTAIN THAT THE MACHINE IS ON A FIRM LEVEL SURFACE.
- IT IS IMPORTANT THAT THE AIR BLEED SCREW IS OPEN WHEN YOU USE THE MACHINE. YOU WILL NEED A #3 PHILLIPS SCREWDRIVER TO MAKE THIS ADJUSTMENT (*FIGURE 8*).
- USE CARE, DO NOT OVER TIGHTEN AND STRIP THE AIR BLEED SCREW THREADS.

3. Prior to using the Wood Splitter, open the Air Bleed Screw using a #3 Phillips Screwdriver by turning it counter-clockwise four (4) times (*Figure 8*). **Leave the Air Bleed Screw open in this position while using the machine.** We recommend closing the Air Bleed Screw after each use, but you can leave the Air Bleed Screw open when you are finished.

NOTE: *If you are going to transport the machine, at which time you should close the Air Bleed Screw being careful not to over tighten and strip the screw.*



Figure 8

4. Connect the Electrical Cord from the Wood Splitter to a standard electrical, 110-120VAC, grounded power source fused at 15 AMPS. If using an extension cord, it must be 12AWG and less than 25 feet long or 10AWG and less than 50 feet long with a rating of 15 AMPS. Route the cord from the Wood Splitter to the power source in such a way that safeguards against damaging the cord during the wood splitting session. Be sure to avoid wet conditions.
 5. Turn the Motor ON, then cycle the Ram several times using the Operating Handle. After cycling, if the Ram does not travel to within 5" of the wedge, proceed to steps 6 through 8.
 6. Check the hydraulic fluid level by tipping the machine up vertical on the Wheels. Clean the area around the Hydraulic Fluid Fill/Drain Port (**Figure 9**) and then, using an Adjustable Wrench, unscrew the Dipstick located in the Hydraulic Fluid Fill/Drain Port.
 7. Clean the Dipstick and check the level (do not screw the Dipstick down when checking); it should be between the two marks on the Dipstick. If the fluid is too high, simply pour out a little at a time into a suitable container by tilting the wood splitter. If the fluid is too low, add AW32 hydraulic fluid, (or Dexron[®] ATF, if used) a little at a time, until the level falls between the two marks on the Dipstick.
 8. Clean the Dipstick and the O-ring seal thoroughly and reinstall, being careful not to damage the threads of the aluminum Hydraulic Fluid Cylinder End Cover.
- Tip:** In cold weather, see page 2 for hydraulic fluid information and cycle the Ram to warm up the hydraulic fluid. This will provide full power from your 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER.

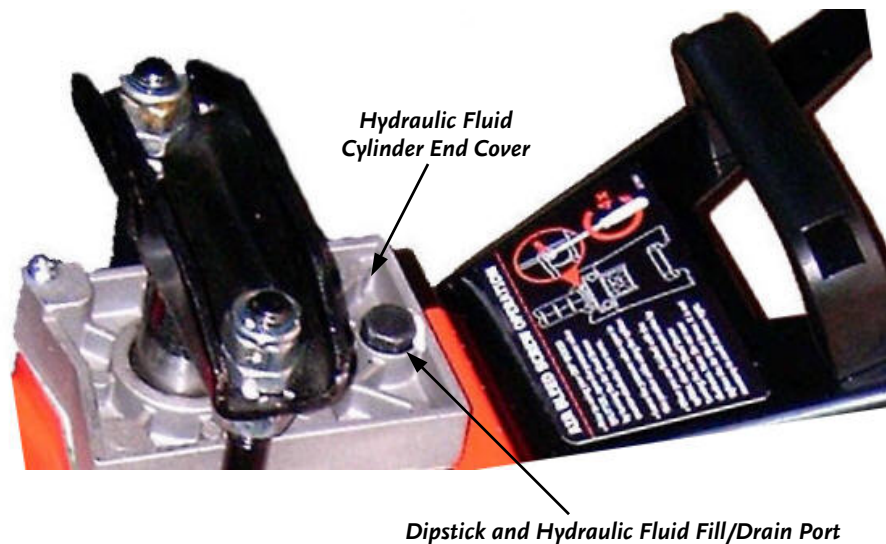


Figure 9

Splitting Safety

The 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER has a Ram with 4 tons of force.

! WARNING!

- **ALWAYS BE SURE TO STAND INSIDE THE OPERATOR ZONE WHEN OPERATING THE WOOD SPLITTER (FIGURE 10). THIS IS THE AREA DIRECTLY BEHIND YOUR 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER. NEVER OPERATE THE WOOD SPLITTER FROM ANYWHERE ELSE.**
- **HANDLE LOGS ONLY FROM THE SIDES, NEVER BY THE ENDS (FIGURE 10).**
- **FOR BEST SPLITTING RESULTS, PLACE LOG FLAT ON THE BEAM BETWEEN THE LOG GUIDES WITH BUTT END AGAINST THE LEADING EDGE OF THE WEDGE (FIGURE 10).**
- **NEVER ATTEMPT TO SPLIT A LOG AT AN ANGLE AND BE SURE THE WEDGE AND RAM WILL CONTACT THE LOG SQUARELY ON THE ENDS.**
- **BE VERY CAREFUL TO KEEP ARMS AND FINGERS AWAY FROM THE WEDGE, RAM, AND SPLITTING AREA.**
- **KEEP HANDS AND FINGERS CLEAR AT ALL TIMES. MANY WOOD SPLITTING ACCIDENTS HAPPEN ON THE RETURN PORTION OF THE STROKE.**
- **DO NOT PUT ANY PART OF YOUR BODY WITHIN THE SPLITTING AREA. USE A STICK IF YOU NEED TO REMOVE DEBRIS FROM THE SPLITTING AREA (FIGURE 10).**

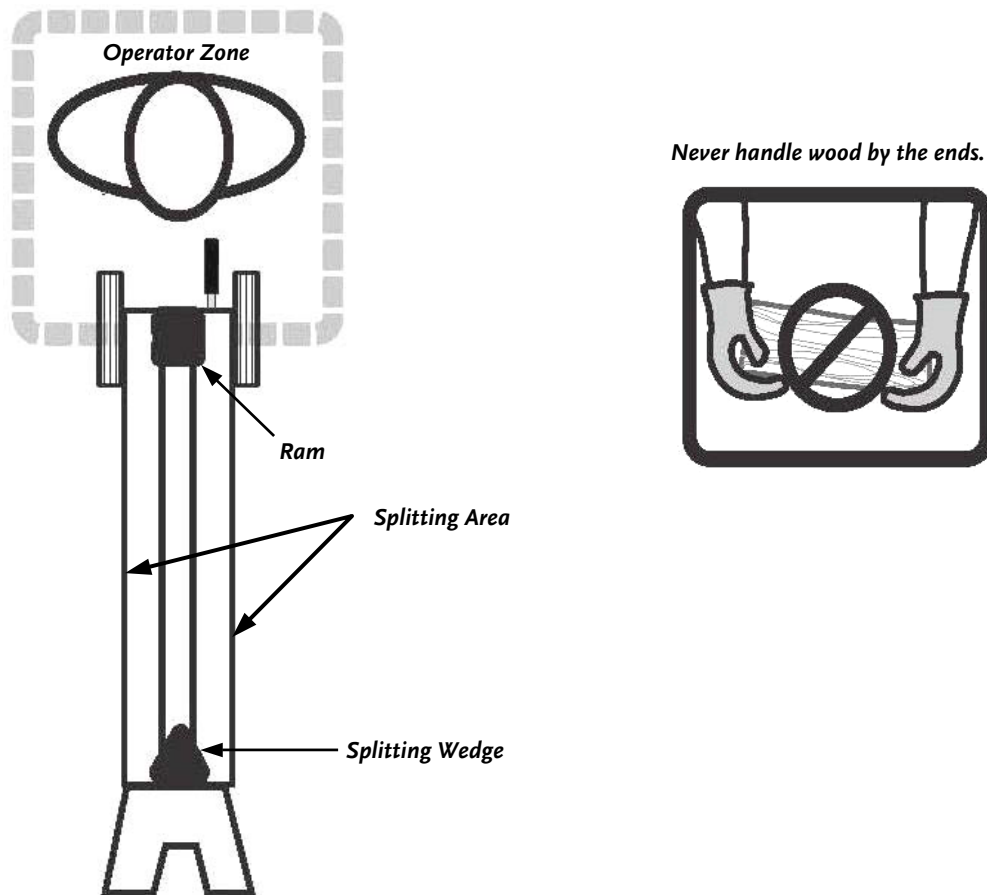


Figure 10

Operating the 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER

NOTE 1: The hydraulic control is a single handle valve called the Operating Handle. When the Electric Motor Control Switch is ON, the Ram travels forward when you push the Operating Handle down. The Ram will retract when you release the Operating Handle.

NOTE 2: Before starting the splitting operation, the log Ram should be cycled 3 to 4 times back and forth (with the Air Bleed Screw open). This will remove any air that may have mixed into the hydraulic fluid from shipping and handling. See Step 3 on page 13 for the Air Bleed Screw Operation.

Tip: In cold weather, cycle the Ram to warm up the hydraulic fluid. This will provide full power from the 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER. See page 2 for hydraulic fluid information.

1. With a log properly loaded, and with the Air Bleed Screw open, turn the Electric Motor Control Switch to ON and wait a few seconds as the motor creates pressure in the hydraulic pump.

NOTE: If the Electric Motor does not start, try pushing in the Reset Button (**Figure 1** on page 10).

2. Push the Operating Handle down (**Figure 11**). The Ram will now compress the log against the wedge, splitting the log.

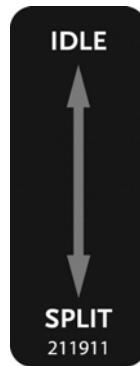


Figure 11

3. Keep holding the Operating Handle down until the split pieces of the log fall away or the Ram has reached the end of its stroke. When you have finished splitting a log, release the Operating Handle. The Ram will retract to its start position.

! CAUTION!

MAKE SURE NOTHING INTERFERES WITH THE RAM WHILE IT RETRACTS.

! NOTICE!

IF THE LOG DOES NOT SPLIT IMMEDIATELY, DO NOT CONTINUE THE FORWARD THRUST OF THE RAM FOR MORE THAN FIVE (5) SECONDS. THIS CAN DAMAGE THE SPLITTER. AFTER THE RAM HAS RETRACTED, TRY REPOSITIONING THE LOG ON THE SPLITTER OR SET THE LOG ASIDE.

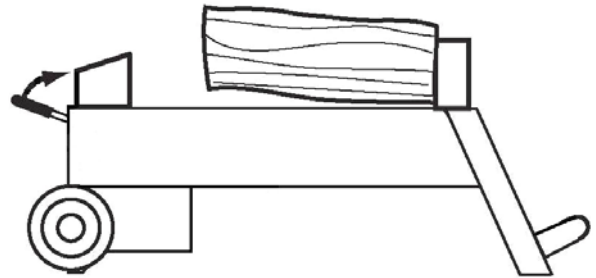
4. Stack the split wood as you work. This will provide a safer work area by keeping it uncluttered, avoiding the danger of tripping or damaging the electrical cord.

How to Free a Jammed Log from the Splitting Wedge

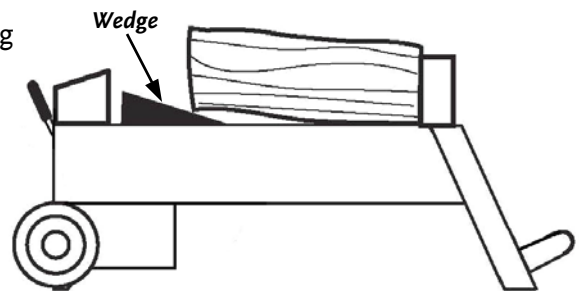
WARNING!

- NEVER PLACE YOUR HANDS NEAR THE LOG WHEN ATTEMPTING TO FREE IT FROM THE WEDGE.
- NEVER ASK FOR THE ASSISTANCE OF ANOTHER PERSON WHEN FREEING A JAMMED LOG.
- NEVER TRY TO EXTRACT THE JAMMED LOG BY HITTING IT WITH A TOOL; THIS COULD DAMAGE THE MACHINE.

1. Release the Operating Handle so that the Ram fully retracts (*Figure 12*).



2. Insert a plastic or wooden wedge under the jammed log (*Figure 12*) and activate the Ram to push the wedge under the jammed log.



3. Repeat this process, using progressively larger wedges, until the jammed log is free (*Figure 12*).

4. Lift the log off the Wood Splitter after loosening.

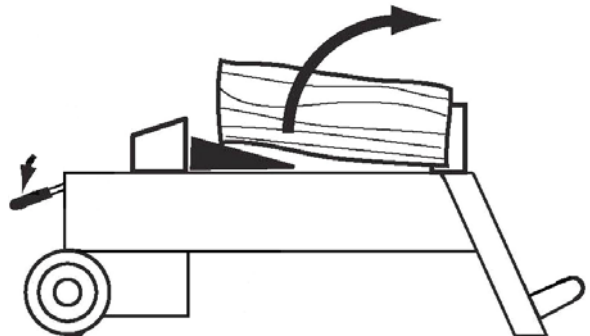


Figure 12

MAINTAINING THE 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER

This chapter covers regular maintenance procedures that will ensure the best performance and long life of your 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER.

WARNING!

- BEFORE PERFORMING ANY MAINTENANCE, YOU MUST UNPLUG THE WOOD SPLITTER FROM THE POWER SOURCE.
 - MAKE SURE THE HYDRAULIC SYSTEM IS DEPRESSURIZED (SEE PAGE 7), AND MAKE SURE THE FLUID HAS COOLED. READ THE "GENERAL SAFETY RULES" (CHAPTER 2) OF THIS MANUAL BEFORE PERFORMING ANY REPAIRS OR MAINTENANCE.
-

Regular Maintenance Checklist before each use

- Clean the log Ram and Guides.
- Check the Splitting Wedge for sharpness (page 20).
- Check the general condition of the Wood Splitter (e.g. nuts, bolts, welds, etc).
- Check the Ram for smooth travel.
- Check the condition of the electrical cord.

Before each season

- Check the hydraulic fluid level (page 20). Use AW32 hydraulic fluid for operation from 40°F to 105°F and Dexron® Automatic Transmission Fluid for operation from -20°F to 40°F.

NOTICE!

NEVER DRAIN THE HYDRAULIC FLUID. JUST ADD ENOUGH TO REPLENISH THE LOST VOLUME.

Adjusting the Hydraulic Fluid Level

NOTE: Check the hydraulic fluid level every few months if the Troubleshooting Table (page 23) suggests that the fluid level may be off.

WARNING!

- **BEFORE PERFORMING ANY MAINTENANCE, YOU MUST UNPLUG THE WOOD SPLITTER FROM THE POWER SOURCE. MAKE SURE THE HYDRAULIC SYSTEM IS DEPRESSURIZED (SEE PAGE 7), AND MAKE SURE THE FLUID HAS COOLED.**
- **READ THE "GENERAL SAFETY RULES" (CHAPTER 2) OF THIS MANUAL BEFORE PERFORMING ANY REPAIRS OR MAINTENANCE.**

Tools Needed:

- Adjustable Wrench
 - #3 Phillips Screwdriver
1. Depressurize the hydraulic system (see page 7).
 2. Check the hydraulic fluid level by tipping the machine up vertical on the Wheels.
 3. Clean the area around the Hydraulic Fluid Fill/Drain Port. It is important not to let any debris enter the fluid reservoir (**Figure 9** on page 14). Loosen the Air Bleed Screw and then, using an Adjustable Wrench, unscrew the Dipstick located in the Hydraulic Fluid Fill/Drain Port.
 4. Clean the Dipstick and replace without screwing down to check the level; it should be between the two marks on the Dipstick. If the fluid is too high, simply pour out a little at a time into a suitable container by tilting the wood splitter. If the fluid is too low, add AW32 hydraulic fluid, (or Dexron[®] ATF, if used) a little at a time, until the level falls between the two marks on the Dipstick.
 5. Clean the Dipstick and the O-ring seal thoroughly and reinstall, being careful not to damage the threads of the aluminum Hydraulic Fluid Cylinder End Cover.
 6. Cycle the Ram back and forth 3 or 4 times to purge any air from the hydraulic system (see step 3 on page 13).

Sharpening the Splitting Wedge

WARNING!

- **BEFORE PERFORMING ANY MAINTENANCE, YOU MUST UNPLUG THE WOOD SPLITTER FROM THE POWER SOURCE. MAKE SURE THE HYDRAULIC SYSTEM IS DEPRESSURIZED (SEE PAGE 7), AND MAKE SURE THE FLUID HAS COOLED.**
- **READ THE "GENERAL SAFETY RULES" (CHAPTER 2) OF THIS MANUAL BEFORE PERFORMING ANY REPAIRS OR MAINTENANCE.**

Tool Needed:

- Fine-Toothed Flat File

Before each splitting session, check the sharpness of the Wedge. As required, remove any burrs or flat spots on the Wedge using a fine-toothed flat file.

Electrical Connections

WARNING!

THE 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER MUST BE CONNECTED TO A PROPERLY GROUNDED OUTLET BEFORE OPERATION.

End of Season and Storage

WARNING!

- BEFORE PERFORMING ANY MAINTENANCE, YOU MUST UNPLUG THE WOOD SPLITTER FROM THE POWER SOURCE. MAKE SURE THE HYDRAULIC SYSTEM IS DEPRESSURIZED (SEE PAGE 7), AND MAKE SURE THE FLUID HAS COOLED.
 - READ THE "GENERAL SAFETY RULES" (CHAPTER 2) OF THIS MANUAL BEFORE PERFORMING ANY REPAIRS OR MAINTENANCE.
-

- Wipe down the 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER to remove any moisture, wood chips, and dirt that may have accumulated on the Log Guides and Operating Handle.
- Apply a thin coating of oil or #2 Lithium Grease to the leading edge of the Splitting Wedge.
- Store the 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER in a dry area.

NOTE: A Protective Cover, Item Number 22177, is available through DR Power Equipment.
Visit our website at www.DRPower.com or call **Toll-Free 1-800-DR-OWNER (376-9637)**.

- Relieve any internal air pressure by turning the Air Bleed Screw counter-clockwise 4 times to open, and then retighten by turning clockwise prior to storing the machine (**Figure 8** on page 13). DO NOT OVER TIGHTEN!

NOTICE!

USE CARE: DO NOT OVER TIGHTEN AND STRIP THE AIR BLEED SCREW THREADS.

TROUBLESHOOTING

Consult the Troubleshooting Table below for common problems and their solutions. If you continue to experience problems, visit our website at www.DRPower.com or call our Technical Support Representatives at **1-800-DR-OWNER (376-9637)**.

Troubleshooting Table

WARNING!

- **BEFORE PERFORMING ANY MAINTENANCE, YOU MUST UNPLUG THE WOOD SPLITTER FROM THE POWER SOURCE. MAKE SURE THE HYDRAULIC SYSTEM IS DEPRESSURIZED (SEE PAGE 7), AND MAKE SURE THE FLUID HAS COOLED.**
- **READ THE "GENERAL SAFETY RULES" (CHAPTER 2) OF THIS MANUAL BEFORE PERFORMING ANY REPAIRS OR MAINTENANCE.**

<i>SYMPTOM</i>	<i>POSSIBLE CAUSE</i>
<i>Ram will not move or is slow to respond.</i>	<ul style="list-style-type: none"> ⇒ The Air Bleed Screw may not be open. See page 13, step 3. ⇒ The motor Reset has tripped; push the Reset Button (Figure 1 on page 10). ⇒ Bleed any accumulated air from the hydraulic system. See page 20, step 6. ⇒ The Wood Splitter may not be on a level surface. See page 13, step 1. ⇒ Make sure the voltage at the outlet or extension cord connection to the 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER is 110-120VAC. ⇒ If you are using an extension cord, make sure that the cord is no more than 25 feet long, is not smaller than 12 AWG wire or no more than 50 feet long, and is not smaller than 10 AWG wire. ⇒ The hydraulic fluid may be low. Check and adjust the level as required. See page 20. ⇒ In extreme high temperature and heavy rapid use, the hydraulic fluid may have overheated. Allow the machine to cool. ⇒ The wood you are splitting may be too hard, it has knots, or its fiber is very tough.
<i>Log fails to split.</i>	<ul style="list-style-type: none"> ⇒ Check the possible causes for the previous Ram operation symptom. ⇒ Incorrect positioning of the log; re-position the log flat on the splitting beam with the ends squarely against the Ram face and Splitting Wedge. ⇒ Log exceeds permitted dimensions or the wood is too hard for the capacity of the machine. The maximum log length is 20" with a maximum diameter of 10" for the 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER. ⇒ The Splitting Wedge has burrs or nicks and needs sharpening. See page 20. ⇒ There may be a hydraulic fluid leak. Locate the leak using a piece of cardboard under the machine. Visit our website at www.DRPower.com, call 1-800-DR-OWNER (376-9637), or call a qualified hydraulic mechanic for assistance to replace worn components. Be sure to reference Hydraulic Safety on page 7. ⇒ Hydraulic pressure is too low. Visit our website at www.DRPower.com, call 1-800-DR-OWNER (376-9637), or call a qualified hydraulic mechanic for assistance to replace worn components. Be sure to reference Hydraulic Safety on page 7.

! WARNING!

- BEFORE PERFORMING ANY MAINTENANCE, YOU MUST UNPLUG THE WOOD SPLITTER FROM THE POWER SOURCE. MAKE SURE THE HYDRAULIC SYSTEM IS DEPRESSURIZED (SEE PAGE 7), AND MAKE SURE THE FLUID HAS COOLED.
- READ THE "GENERAL SAFETY RULES" (CHAPTER 2) OF THIS MANUAL BEFORE PERFORMING ANY REPAIRS OR MAINTENANCE.

SYMPTOM	POSSIBLE CAUSE
<i>Ram advances with a jerky motion or with strong vibrations.</i>	<ul style="list-style-type: none"> ⇒ Check the possible causes for the Ram operation symptom on the previous page. ⇒ Check the hydraulic fluid level. See page 20. ⇒ Bleed any accumulated air from the hydraulic system. See page 20, step 6. If the problem persists, visit our website at www.DRPower.com or call 1-800-DR-OWNER (376-9637) for assistance.
<i>Hydraulic fluid leaking from the Air Bleed Screw.</i>	<ul style="list-style-type: none"> ⇒ The 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER may not be on a level surface. See page 13, step 1.
<i>Hydraulic fluid leaking from the ram or other external parts.</i>	<ul style="list-style-type: none"> ⇒ Check that the Air Bleed Screw is tight before moving the machine. Use care: Do not over tighten and strip the Air Bleed Screw Threads. ⇒ The hydraulic fluid seals may be worn. Visit our website at www.DRPower.com or call 1-800-DR-OWNER (376-9637), or call a qualified hydraulic mechanic for assistance to replace worn components. Be sure to reference <i>Hydraulic Safety</i> on page 7.

PARTS LISTS, SCHEMATIC DIAGRAMS AND WARRANTY

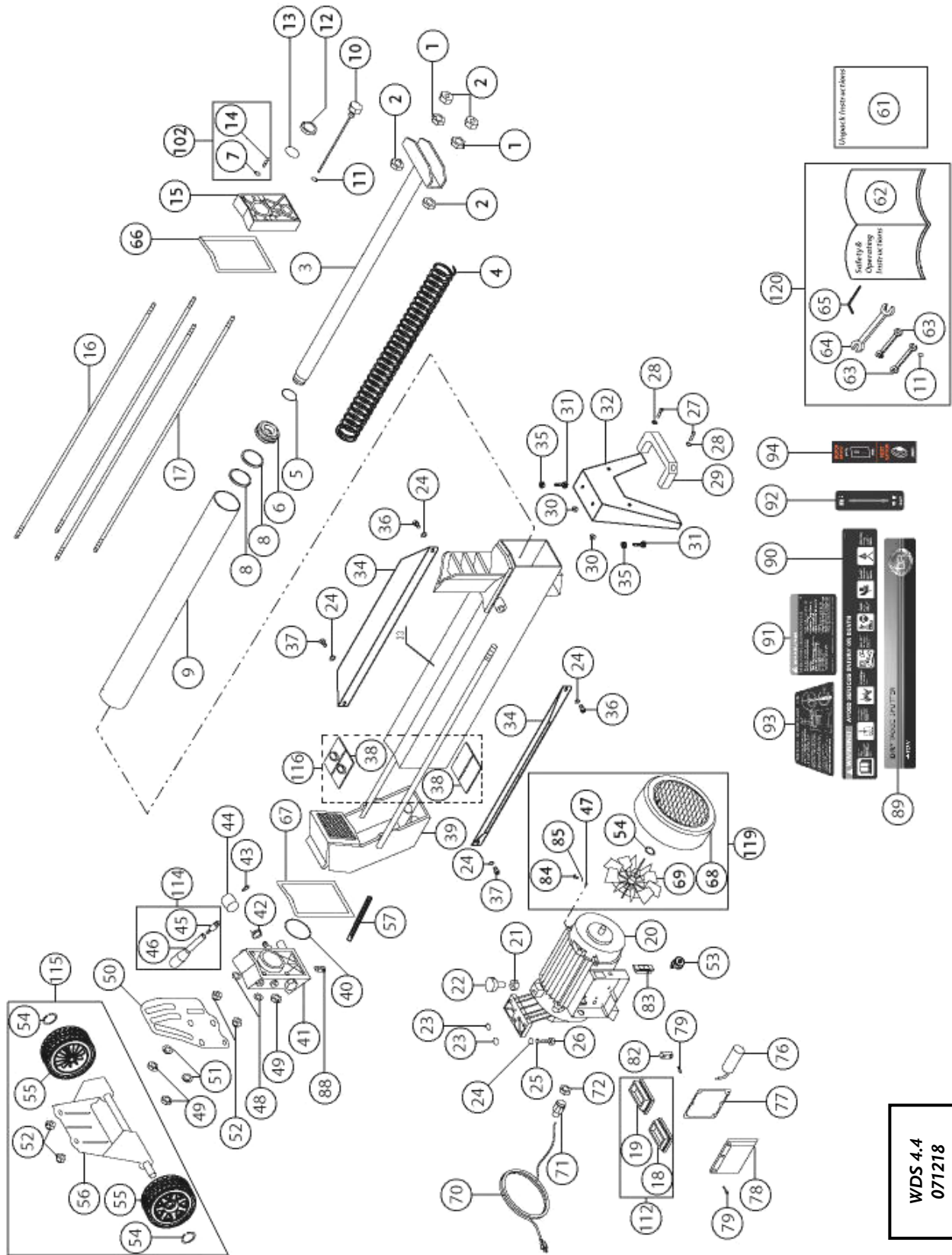
Parts List - 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER

NOTE: Part numbers listed are available through DR Power Equipment.

<u>Ref#</u>	<u>Part#</u>	<u>Description</u>	<u>Ref#</u>	<u>Part#</u>	<u>Description</u>
01	219901	Nut, Hex, M14 (Thin)	36	219861	Bolt, Socket Head, M8 x 10
02	219891	Nut, Hex, M14	37	219651	Bolt, Socket Head, M8 x 14
03	204291	Ram, Piston	38	182261	Sleeve, Plastic
04	204301	Spring	39	215161	Ram & Tie Rod Weldment
05	219781	O-Ring, Rubber, 3.55mm x 25mm	40	219821	O-Ring, Oil Seal
06	215241A	Piston, Alum., 54.5mm OD, 22.0mm L	41	182111	Cover, Oil Cylinder, Front
07	219711	Washer, Flat, Nylon	42	205041	Spring
08	219801A	Seal, Piston, Alloy	43	205121	Screw, M8 x 10
09	204361	Cylinder Body	44	202751	Base, Handle
10	182181	Dipstick	45	205031	Handlebar, Short
11	220101	Seal, Washer, Dipstick	46	206121	Handlebar, Long
12	219761	Seal, Ring, Teflon, 30mm ID	47	204421	Washer, Flat, M4
13	202171	O-Ring, Oil Seal	48	205081	Washer, Copper, M10
14	219701	Screw, Bleed, M4 x 10	49	205091	Nut, M10
15	204371	Cover, End, Oil Cylinder	50	237831	Cover, Handle
16	182161	Bolt, Two Head	51	205151	Washer, Flat, M10
17	221001	Stud, M10 x 813	52	219911	Nut, M10
18	203721	Foot, Motor, Rubber, Left	53	215351	Botton, Push to Reset
19	204651	Foot, Motor, Rubber, Right	54	219561	Circlip, Axle
20	244491	Motor and Pump Assembly	55	219541	Wheel, Rubber
21	219681	Nut, Hex, M8	56	237811	Stand, Wheel Frame
22	204691	Bolt	57	215291	Filter
23	215491	O-Ring, Rubber, 15.5mm OD x 10.5mm D	61	237791	Instructions, Unpacking
24	219621	Washer, Flat, M8	62	237801	Manual, <i>Safety & Operating Instructions</i>
25	219961	Washer, Spring, M8	63	220081	Wrench, 10mm – 12mm
26	215481	Bolt, M8 x 30	64	220071	Wrench, 13mm – 16mm
27	203381	Screw, Cross Head, M6 x 20	65	220091	Key, Allen, 6mm
28	219951	Washer, Flat, M6	66	205941	Gasket, Front
29	182201	Handle, Carry	67	221701	Gasket, Rear
30	203371	Nut, M6	68	182291	Cover, Motor Fan
31	204821	Bolt, M6 x 14	69	182301	Fan, Flying
32	237851	Leg, Front	70	182131	Electric Cable & Plug
33	204831	Body, Main	71	205641	Bushing, Wire Clamp
34	237841	Plate, Log Guiding, Right and Left	72	205651	Nut, Wire Clamp
35	237821	Nut, Lock, M6	76	182211	Capacitor
			77	204551	Seal, Anti-Dust, Rubber

Ref#	Part#	Description
78	182411	Cover, Capacitor Box
79	204571	Screw, Cross Head
82	204581	Clamp, Wire
83	211601	Switch
84	204401	Screw, Cross Head, M4 x 6
85	204411	Washer, Spring, M4
88	211621	Internal Check Valve Assembly
89	237881	Label, DR Branding, 4-Ton
90	237871	Label, Warning
91	211901	Label, Warning, Operating Instructions
92	211911	Label, Idle – Split
93	237861	Label, Air Bleed Screw Operation
94	232441	Label, Motor Switch & Push to Reset
95	n/a	Label, Serial Number
102	219691	Bleed Screw Kit
112	203721	Motor Rubber Feet Right & Left
113	244631	Carry Handle Kit
114	244641	Operating Handle
115	244651	Wheel Kit
116	244661	Slide Pad Kit
117	244671	Seal Kit
118	244681	Motor Pump Kit
119	244691	Fan Kit
120	244701	Product Pack

Schematic - 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER



**WDS 4.4
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Notes

4-TON ELECTRIC/HYDRAULIC DR[®] WOOD SPLITTER



2-Year Limited Warranty

Terms and Conditions

The 4-TON ELECTRIC/HYDRAULIC DR[®] WOOD SPLITTER is warranted for two (2) years against defects in materials or workmanship when put to ordinary and normal consumer use; ninety (90) days for any other use.

For the purposes of all the above warranties, "ordinary and normal consumer use" refers to non-commercial residential use and does not include misuse, accidents, or damage due to inadequate maintenance.

DR[®] Power Equipment certifies that the 4-TON ELECTRIC/HYDRAULIC DR[®] WOOD SPLITTER is fit for ordinary purposes for which a product of this type is used. DR[®] Power Equipment however, limits the implied warranties of merchantability and fitness in duration to a period of two (2) years in consumer use, ninety (90) days for any other use.

The 2-Year Limited Warranty on the 4-TON ELECTRIC/HYDRAULIC DR[®] WOOD SPLITTER starts on the date the machine ships from our factory. The 2-Year Limited Warranty is applicable only to the original owner.

The warranty holder is responsible for the performance of the required maintenance as defined by the manufacturer's owner's manual. The warranty holder is responsible for replacement of normally wearing parts such as the Slide Pads. Attachments and accessories to the machine are not covered by this warranty.

During the warranty period, the warranty holder is responsible for the machine transportation charges, if required. During the warranty period, warranty parts will ship by standard method at no charge to the warranty holder. Expedited shipping of warranty parts is the responsibility of the warranty holder.

SOME STATES DO NOT ALLOW LIMITATIONS ON THE LENGTH OF IMPLIED WARRANTIES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

DR[®] Power Equipment shall not be liable under any circumstances for any **incidental or consequential damages or expenses** of any kind, including, but not limited to, cost of equipment rentals, loss of profit, or cost of hiring services to perform tasks normally performed by the 4-TON ELECTRIC/HYDRAULIC DR[®] WOOD SPLITTER.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

Customer Service Hotline

DR[®] Power Equipment's objective is to have 100% satisfied customers. For that reason, we operate a 6-day-a-week Technical Service Department for our Owners. You can access a Representative by visiting our website at www.DRPower.com or by dialing our TOLL-FREE Hotline at **1-800-DR-OWNER (376-9637)**. The sole job of our well-trained and friendly folks is to ensure that you get any help you need in a timely fashion. They are there to answer all your questions including: (1) inquiries on any of the above warranties, (2) inquiries about replacement parts, or (3) your questions regarding service, maintenance, and operation.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.

Daily Checklist for the 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER

To help maintain your 4-TON ELECTRIC/HYDRAULIC DR WOOD SPLITTER for optimum performance, we recommend you follow this checklist each time you use your machine.

- [] **HARDWARE:** Check all nuts and bolts to be sure that the components are secure.
- [] **FRAME:** Check all welds to be sure that the frame is intact and secure.
- [] **CLEAN:** Make sure that the log guides and the top of the wood splitter beam are clean.
- [] **AIR BLEED SCREW:** Make sure to open the Air Bleed Screw prior to operating the wood splitter.
See page 13.



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www.DRPower.com or call 1-800-DR-OWNER (376-9637)

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