POWER SMART®

INSTRUCTION MANUAL

7 Ton Electric Log Splitter

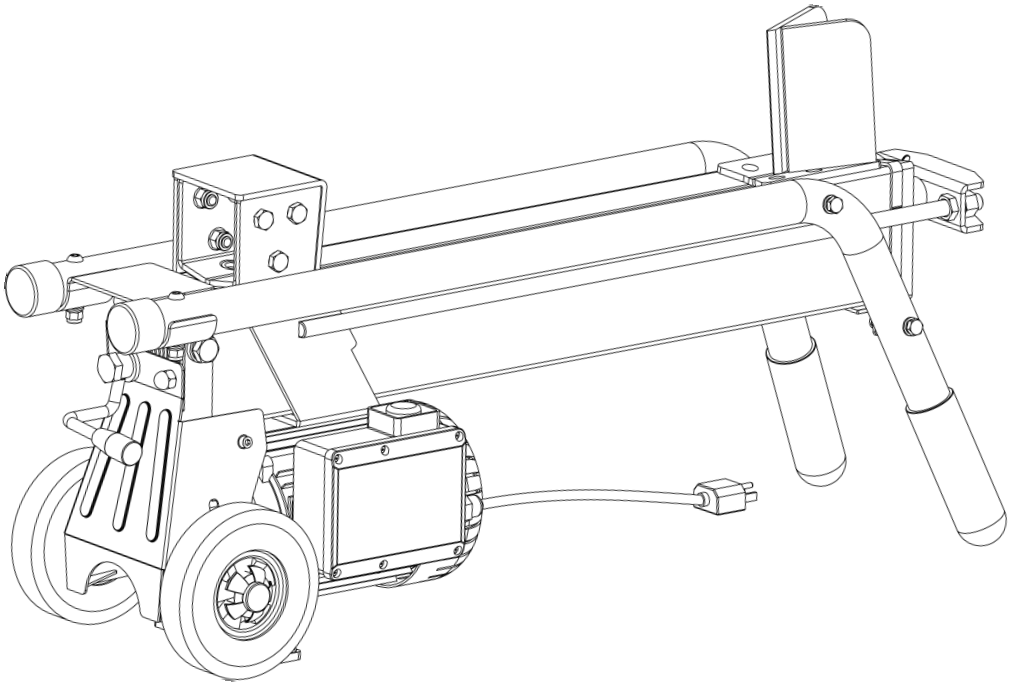
Model # DB6407

ITEM#BF07B

Item No:701000184

STOP

PROBLEMS? QUESTIONS?
DO NOT RETURN TO STORE
CALL OUR CUSTOMER HELP LINE
(872)314-0005 Mon-Fri 9-5 EST



Have product questions or need technical support? Please feel free to contact us!

Website: www.powersmartusa.com

Toll free: 1-872-314-0005 Mon-Fri 9-5 EST

Email: support@amerisuninc.com / support@powersmartusa.com

Website

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TECHNICAL DATA

Electric Log Splitter	701000184
Motor:	120V, 60 Hz, 15A, IP54
Splitting force:	7 Tons
Cycle time:	24 Seconds
Motor speed:	3450 RPM
Log capacity:	10 inch Diameter
	20 inch Length
Hydraulic pressure:	3200 PSI
Hydraulic fluid:	AW32 hydraulic fluid for operation over 40°F
	or automatic transmission fluid for operation below 40°F
Hydraulic tank capacity:	3.2Quarts
Cylinder stroke:	16.5 inch
Package Dimensions (LxWxH):	38.8 x 12.8 x 20 inch
Gross Weight:	112 lbs

INTRODUCTION

Thank You for Purchasing a PowerSmart® Product. This manual provides information regarding the safe operation and maintenance of this product. Every effort has been made to ensure the accuracy of the information in this manual. PowerSmart® reserves the right to change this product and specifications at any time without prior notice.

Please keep this manual available to all users during the entire life of the log splitter.



This manual contains special messages to bring attention to potential safety concerns, log splitter damage as well as helpful operating and servicing information. Please read all the information carefully to avoid injury and machine damage.

QUESTIONS? PROBLEMS?

Please contact our Customer Service Dept. with any questions and/or comments, either by Email: support@amerisuninc.com / support@powersmartusa.com, or Toll Free at (872)314-0005. We are available Mon-Fri 9am-5pm EST to help solve any issues that you might encounter.

SAFETY INFORMATION

Before operating this log splitter, read and observe all warnings, cautions, and instructions on the log splitter and in this Owner's Manual.

NOTE: The following safety information is not meant to cover all possible conditions and situations that may occur. Read the entire Owner's Manual for safety and operating instructions. Failure to follow instructions and safety information could result in serious injury or death.

This safety alert symbol is used to identify safety information about hazards that can result in personal injury.



A signal word (DANGER, WARNING, or CAUTION) is used with the alert symbol to indicate the likelihood and the potential severity of injury. In addition, a hazard symbol may be used to represent the type of hazard.

DANGER Indicates a hazard, which, if not avoided, will result in death or serious injury.

WARNING Indicates a hazard, which, if not avoided, could result in death or serious injury.

CAUTION Indicates a hazard, which, if not avoided, might result in minor or moderate injury.

CAUTION Without the alert symbol, indicates a situation that could result in damage.

GENERAL SAFETY RULES

Safety is a combination of common sense, staying alert, and knowing how your log splitter works.
SAVE THESE SAFETY INSTRUCTIONS.

Work Area Safety

- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of attention while operating power tools may result in serious personal injury
- Use personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-skid safety shoes, hardhat or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting . Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.
- Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless act,on can cause severe m1ury within a fraction of a second.

Electrical Safety

Grounding instructions
IN THE EVENT OF A MALFUNCTION OR BREAKDOWN, grounding provides the path of least resistance for electric current and reduces the risk of electric shock. This tool is equipped with an electric cord that has an equipment grounding conductor and a grounding plug. The plug MUST be plugged into a matching outlet that is properly installed and grounded in accordance with ALL local codes and ordinances.

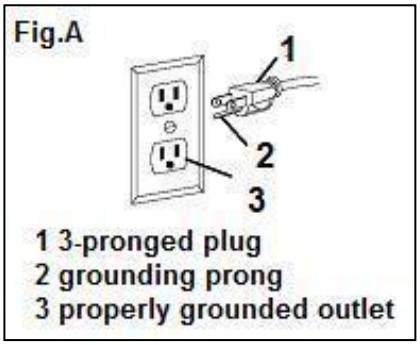
DO NOT MODIFY THE PLUG PROVIDED. If it will not fit the outlet, have the proper outlet installed by a licensed electrician.

IMPROPER CONNECTION of the equipment grounding conductor can result in electric shock. The conductor with the green insulation (with or without yellow stripes) is the equipment grounding

conductor. If repair or replacement of the electric cord or plug is necessary, DO NOT connect the equipment grounding conductor to a live terminal.

CHECK with a licensed electrician or service personnel if you do not completely understand the grounding instructions, or if you are not sure if the tool is properly grounded.

USE ONLY THREE-WIRE EXTENSION CORDS that have 3-pronged plugs and outlets that accept the tool's plug as shown in Fig. A. Repair or replace a damaged or worn cord immediately.



CAUTION: In all cases, make certain the outlet in question is properly grounded. If you are not sure if it is, have a licensed electrician check the outlet.

Guidelines for using extension cords

Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. The table below shows the correct size to be used according to cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.

Minimum Gauge for Extension Cords (AWG)
(When using 120 V only)

Ampere Rating		Total Length of Cord in feet			
More Than	Not More Than	25	50	100	150
0	6	18	16	16	14
6	10	18	16	14	12
10	12	16	16	14	12
12	16	14	12	Not Recommended	

Make sure your extension cord is properly wired and in good condition. Always replace a damaged extension cord or have it repaired by a qualified person before using it.

Protect your extension cords from sharp objects, excessive heat and damp or wet areas.

Use a separate electrical circuit for your tools. This circuit must not be less than a #12 wire and should be protected with a 15 A time-delayed fuse. Before connecting the motor to the power line, make sure the switch is in the OFF position and the electric current is rated the same as the current stamped on the motor nameplate. Running at a lower voltage will damage the motor.

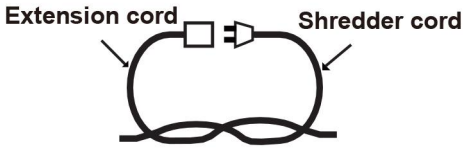
WARNING: This tool must be grounded while in use to protect the operator from electric shock.

For All Appliances

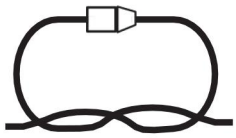
- Do not use appliances in damp or wet locations as this can be dangerous.
- Do not use in the rain.
- Keep children away. All visitors should be kept at a safe distance from the work area.

- Dress properly. Do not wear loose clothing or jewellery, which can get caught in moving parts. Use of rubber gloves and heavy footwear is recommended when working outdoors. Wear protective hair covering to contain long hair.
- Use safety glasses. Always use face or dust mask if operation is dusty.
- Use the right appliance. Do not use appliance for any job except that for which it is intended.
- Ground Fault Circuit Interrupter (GFCI) protection should be provided on the circuit(s) or outlet(s) to be used for the gardening appliance. Receptacles with built-in GFCI protection may be used for this measure of safety.
- Warning—to reduce the risk of electric shock, use only with an extension cord intended for outdoor use, such as an extension cord of cord type SW-A, SOW-A, STW-A, STOW-A, SJW-A, SJOW-A, SJTW-A or SJTOW-A.
- Extension Cord

Make sure your extension cord is in good condition and is heavy enough to carry the current your product will draw. An undersized extension cord will cause a drop in line voltage resulting in loss of power and overheating. To reduce the risk of disconnection of appliance cord from the extension cord during use:
i) make a knot as shown in below.



(A) Tie cord as shown



(B) Connect plug and receptacle

ii) Use one of the plug-receptacle retaining straps or connectors described in this manual.

- Avoid unintentional starting. Do not carry plugged-in appliance with finger on switch. Be sure switch is off when plugging in.
- Do not abuse cord. Never carry appliance by cord or yank it to disconnect from receptacle. Keep cord away from heat, oil, and sharp edges.
- Do not force appliance. It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.
- Do not overreach. Keep proper footing and balance at all times.
- Stay alert. Watch what you are doing. Use common sense. Do not operate appliance when you are tired.
- Disconnect the appliance from the power supply when not in use or before servicing.
- Keep guards in place and in working order.
- Keep blades sharp.
- Keep hands and feet away from cutting area.

Power Tool Use And Care

- Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed
- Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

- Maintain power tools and accessories with care. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.
- Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow safe handling and control of the tool in unexpected situations.

Service

Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tools maintained.

SPECIFIC SAFETY RULES FOR LOG SPLITTER



WARNING: Do not operate your log splitter until it is completely assembled and installed according to the instructions.

- IF YOU ARE NOT thoroughly familiar with the operation of the log splitter, obtain instruction from a qualified person.
- MAKE SURE wiring codes and recommended electrical connections are followed. When servicing, use only identical replacement parts. Disconnect log splitter from the power source before making adjustments or repairs.
- Place the log splitter on a stable, flat, and level work surface where there is plenty of room for handling logs.
- INSPECT THE LOG SPLITTER before each use. Keep guards in place and in working order. Re place damaged, missing, or failed parts before using.
- Do not alter the log splitter. Altering the tool or exceeding its design capabilities and capacities could result in serious injury or fatality and will void the warranty.
- MAKE SURE THE EXTENSION CORD is no longer than 25 ft.,14 gauge. Ensure the power cord is rated for outdoor use. Ground the log splitter and avoid contact with grounded surfaces during operation. See “Electrical Information” for further details.
- MAKE all adjustments with the switch in the OFF position and the log splitter disconnected from the power source.
- Never use the log splitter for any other purpose than splitting wood. Any other use can result in injury. Use extreme caution at all times.
- PREPARE LOGS FOR SPLITTING. Make sure the ends of the logs are cut square. Cut off any branches flush with the trunk.
- INSPECT EACH LOG before splitting. Make sure there are no nails or foreign objects in the log.
- Only a single operator should load and operate the log splitter. Keep all others, including children and pets, a minimum of 20 in. (6.1 m) away from the work area.
- NEVER TRY TO SPLIT LOGS larger than the rated capacity of the tool. Attempting to do so could result in personal injury and damage to the tool.
- Split only one log at a time. Do not attempt to split two logs on top of each other.
- DO NOT put your hands or feet between the log and the splitting wedge or between the log and the push rod while the tool is in operation.

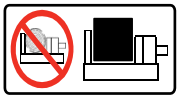


WARNING: KEEP HANDS AWAY FROM SPLITS AND CRACKS WHICH OPEN IN THE LOG. THEY MAY CLOSE SUDDENLY AND CRUSH OR AMPUTATE YOUR HANDS.

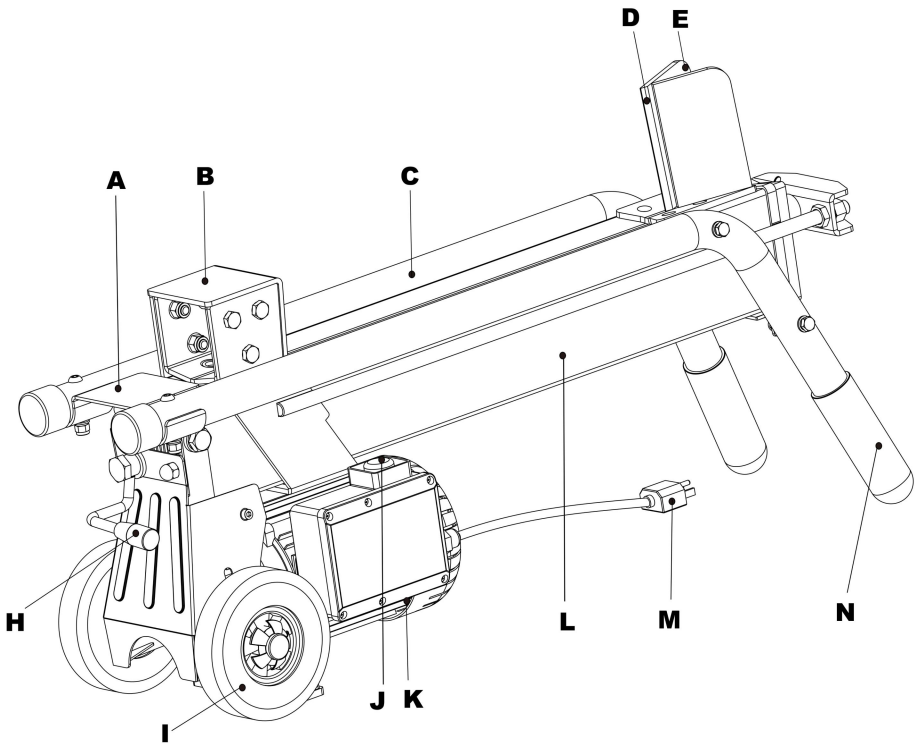
- Do not attempt to load a log while the push rod is in motion. When loading, place your hands on the sides of the log, not on the ends.
- WAIT FOR THE PUSH ROD TO STOP MOVING before loading another log onto the log splitter. Do not try to remove a split log until the entire splitting cycle is completed.
- Use only your hands to operate the control lever. Never use your foot, knee, rope, or extension device.
- Never use your hands to remove a jammed log. If a jam should occur, release the ON/OFF push button. Follow the instructions in this manual for removing a jammed log.
- Stack logs as you work. This will provide a safer, less cluttered work area.

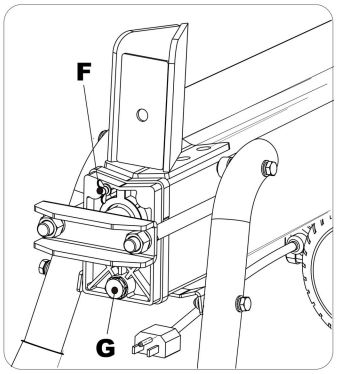
SYMBOLS

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.

SYMBOL	NAME	DESIGNATION/EXPLANATION
V	Volts	Voltage
A	Amperes	Current
Hz	Hertz	Frequency (cycles per second)
W	Watts	Power
MIN	Minutes	Time
	Double Insulation	Class II construction Double Insulated construction.
	Safety Alert	Precautions that involve your safety.
	Read the user's manual	To reduce the risk of injury, user must read and understand user's manual before using this product.
	Eye and hearing protection	For protection against injury, wear ear defenders and safety goggles.
	Wear protective gloves	Wear protective gloves when using the machine and handling debris.
	Protective, slip-resistant footwear	Wear protective, slip-resistant footwear when operating this equipment.
	SWITCH OFF!	Remove plug from outlet before cleaning or conducting maintenance checks.
	Keep bystanders away	Keep bystanders a safe distance away from the work area.
	Keep hands away	Always keep hands away from the wedge and the ram. Moving parts can crush or cut.
	Wet conditions alert	Do not expose to rain or use in damp locations.
	Electric shock alert	Beware of electric shock hazard.
	Hold logs direction	Hold logs on sides when loading. Keep hands and feet away from cylinder, wedge, and partially split logs.
	Do not split logs against the grain	Never place hands or any part of the body between a log and any part of the log splitter. Do not split logs against the grain. Split logs end to end in the direction of the grain only.

KNOWING YOUR LOG SPLITTER





A	Safety guard for 2-hand operating hydraulic control lever
B	Log pusher
C	Log cradle
D	Splitting wedge
E	Rear of wedge
F	Bleeding screw
G	Fluid fill & drain location with dipstick
H	Hydraulic control lever
I	Wheel
J	ON/OFF push switch
K	Circuit breaker
L	Oil tank
M	Plug
N	Carrying handle

Unpacking

Unpack the power tool and all its parts, and compare against the list below. Do not discard the carton or any packaging materials. Please call 1-872-314-0005 or E-mail us at support@amerisuninc.com /support@powersmartusa.com if any parts are damaged or missing.

Including

Log Splitter / User Manual

OPERATING INSTRUCTION

WARNING: Read and thoroughly understand all instructions and safety information before operating this log splitter. Failure to do so may cause serious injury or death. Do not allow anyone to operate this log splitter who has not read this manual.

WARNING:

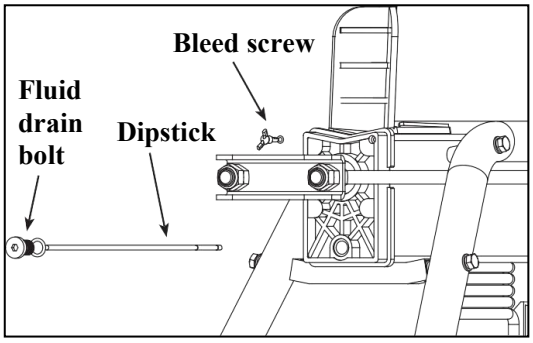
- Always wear safety glasses, safety gloves, safety shoes and suitable work clothing when operating this log splitter. Do not wear jewelry, neckties or other loose clothing which could get caught in moving parts.
- Keep hands and feet clear of the ram and wedge at all times.
- Do not start or operate this machine in the presence of flammable liquids or gases.

Before Operating

Check the hydraulic fluid level

Before operating, select a suitable work area and check the level of hydraulic fluid. A safe work area will contain a flat surface on which to place the log splitter, as well as ample room to stack both split and unsplit logs. Make sure there is a safe electrical connection no more than 25 feet from the workspace.

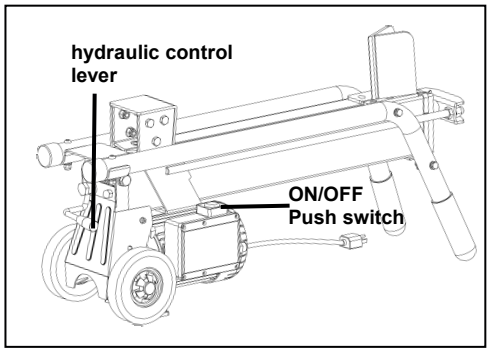
1. Make sure the bleed screw is closed.
2. Lift up on the handle of the log splitter. Make sure the splitter is resting securely and will not fall.
3. Unscrew the fluid drain bolt with hex wrench and pull out the dipstick.
4. Wipe the fluid off the dipstick.
5. Put the dipstick back in the fluid tank and then pull it out again to check the fluid level. It should be between the two notches near the end of the dipstick.
6. Add fluid if needed.
7. Screw the fluid drain bolt back tightly.



NOTE: Remember to use AW32 fluid for operation at temperatures above 40 degrees Farenheit, and automatic transmission fluid for operation below 40 degrees Farenheit. The Log Splitter is pre-loaded with AW32 fluid during the manufacturing process.

Operating

The Log Splitter requires the use of both hands to operate. The user's left hand controls the hydraulic control lever, while the right hand controls the push button switch. The log splitter will freeze upon absence of either hand. The log pusher will return back to the starting position only after both hands release the controls.



WARNING: Split the log in the direction of its grain. Placing logs across the log splitter for splitting is dangerous and may seriously damage the machine. Do not attempt

to split two logs at the same time.

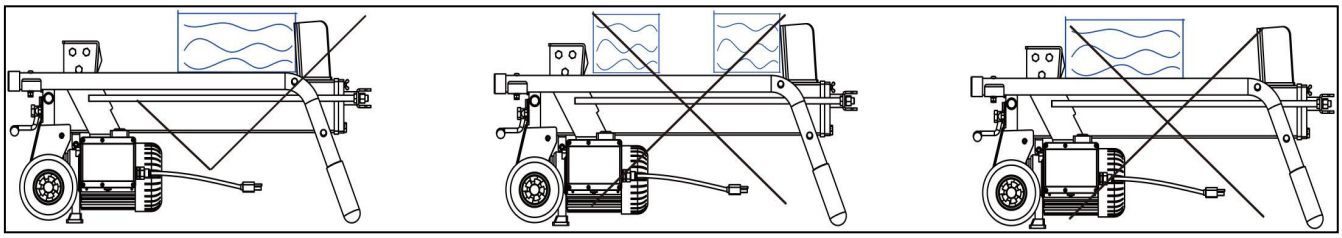
1. Place the log splitter on a flat, stable surface. Make sure there is sufficient room for the unsplit logs and for the stacks of split logs. Make sure there is a safe electrical connection no more than 25 ft. from the work area.
2. Loosen the bleed screw counter-clockwise 3~4 turns to allow air to be released from the hydraul system.

NOTE: Always loosen the bleed screw prior to operation. This will remove any air trapped in the hydraulic system. Failure to release air from the hydraulic system may damage the seals and permanently damage the log splitter.

3. Place a properly prepared log firmly on the worktable between the two worktable guards. The log should fit between the push rod and the splitting wedge.

NOTE: Make sure there are no nails or foreign objects in the log; The end of each log to be split is square; Remove any branches by cutting them flush with the trunk; Make sure each log is no longer than 20inch and the diameter is 10inch or less.

4. Depress and hold the ON/OFF push button with your right hand and allow the motor to cycle up to speed.
5. Push down on the hydraulic lever.
6. Release the ON/OFF push button and the lever when the log is split. The push rod will retract.



WARNING: If the log does not begin to split after 5seconds of operation, release both controls. The motor or hydraulic fluid may overheat and damage the machine.

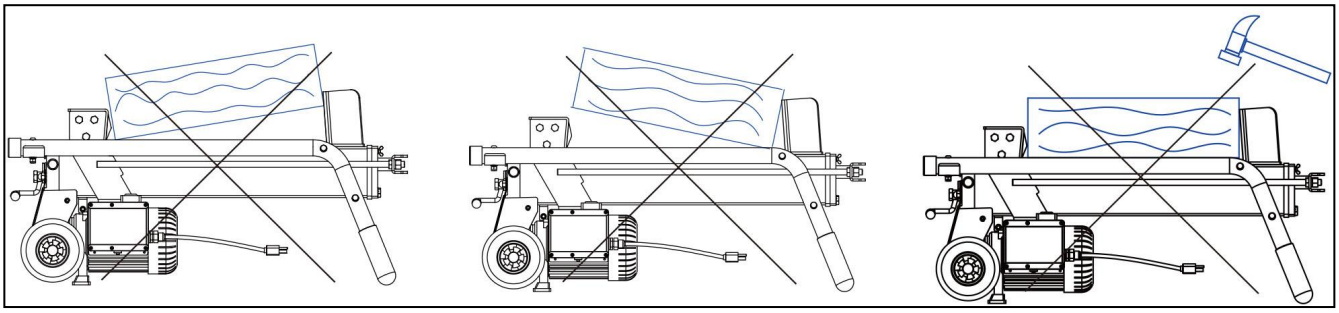
Remove a Jammed Log

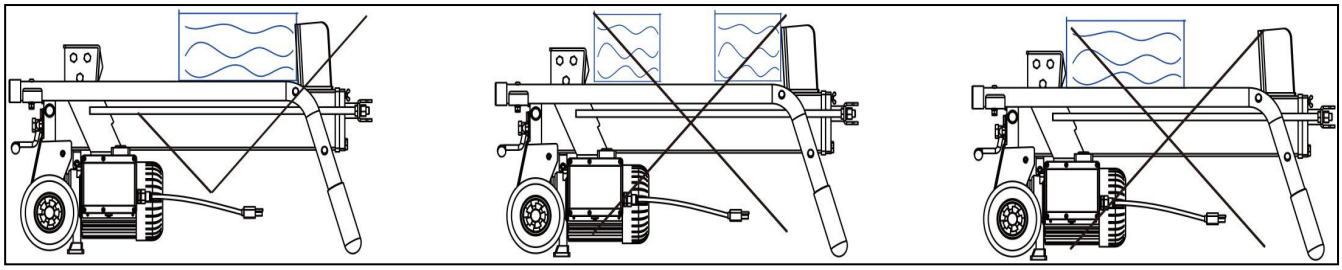
1. Release the ON/OFF push button and the hydraulic lever to turn off the power and retract the push rod.
2. Insert a wooden wedge under the jammed log.
3. Activate the push button and the hydraulic lever to start the log splitter and push the wedge under the log.
4. Release both controls when the log is freed, or when the log is at the height of the wooden wedge.
5. Repeat steps 3 through 4 until the log is freed.

WARNING:

- Do not attempt to remove a jammed log with your hand or try to knock it off the worktable. Doing so may cause injury and may also damage the splitting wedge.
- Never try to split logs larger than the rated capacity of the log splitter. Attempting to do so could result in personal injury and damage to the log splitter.
- Never force pressure on the log splitter for more than 5 seconds in order to split excessively hard wood.

- Never place hands or feet between log and splitting wedge or between log and ram during forward or reverse stroke.
- Keep clear of moving parts.
- Do not attempt to split more than one log at one time!



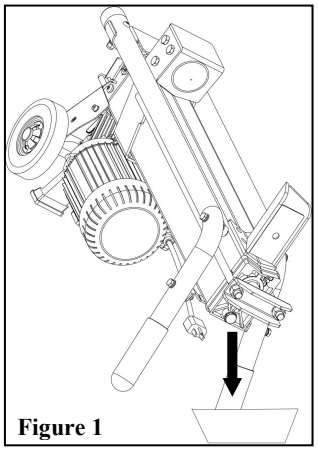


MAINTENANCE

WARNING: Lifting the log splitter is a two person operation. Once raised, make sure the log splitter is stable before performing any maintenance.

Replace Hydraulic Fluid

WARNING: Replace the hydraulic fluid in the log splitter after every 150 hours of use. Take the following steps to replace the oil.


Figure 1

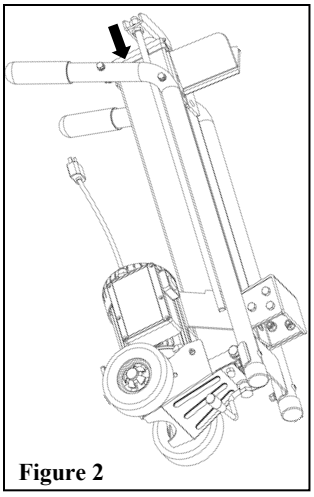
1. Make sure all moving parts are stopped and the log splitter is unplugged.

2. Make sure the bleed screw is closed tightly.

3. Lift up on the handle of the log splitter. Make sure the splitter is resting securely and will not fall.

4. Use the hex wrench to loosen the fluid drain bolt. Pull out the bolt with attached dipstick.

5. Turn the log splitter on the support leg side over using a one gallon or larger capacity container to drain the hydraulic oil as shown in figure 1.


Figure 2

6. Turn the log splitter on the motor side, refill with 3.2 quarts of fresh hydraulic oil as shown in figure 2.

7. While keeping the log splitter vertical, clean the surface of dipstick on the fluid drain bolt and put it back into the oil tank. Make sure the level of the refilled oil is between the two grooves around the dipstick as shown in figure 3.

8. Clean the oil drain bolt before re-threading it back in. Make sure the bolt is tightened to avoid leakage before placing the log splitter horizontally.

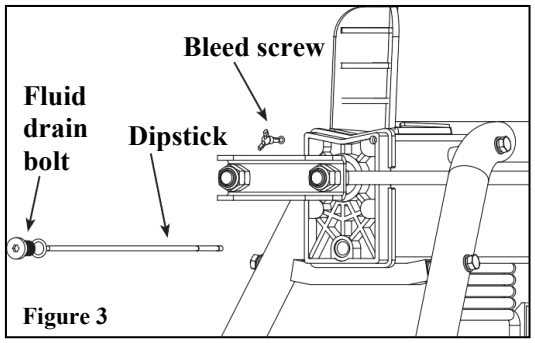


Figure 3

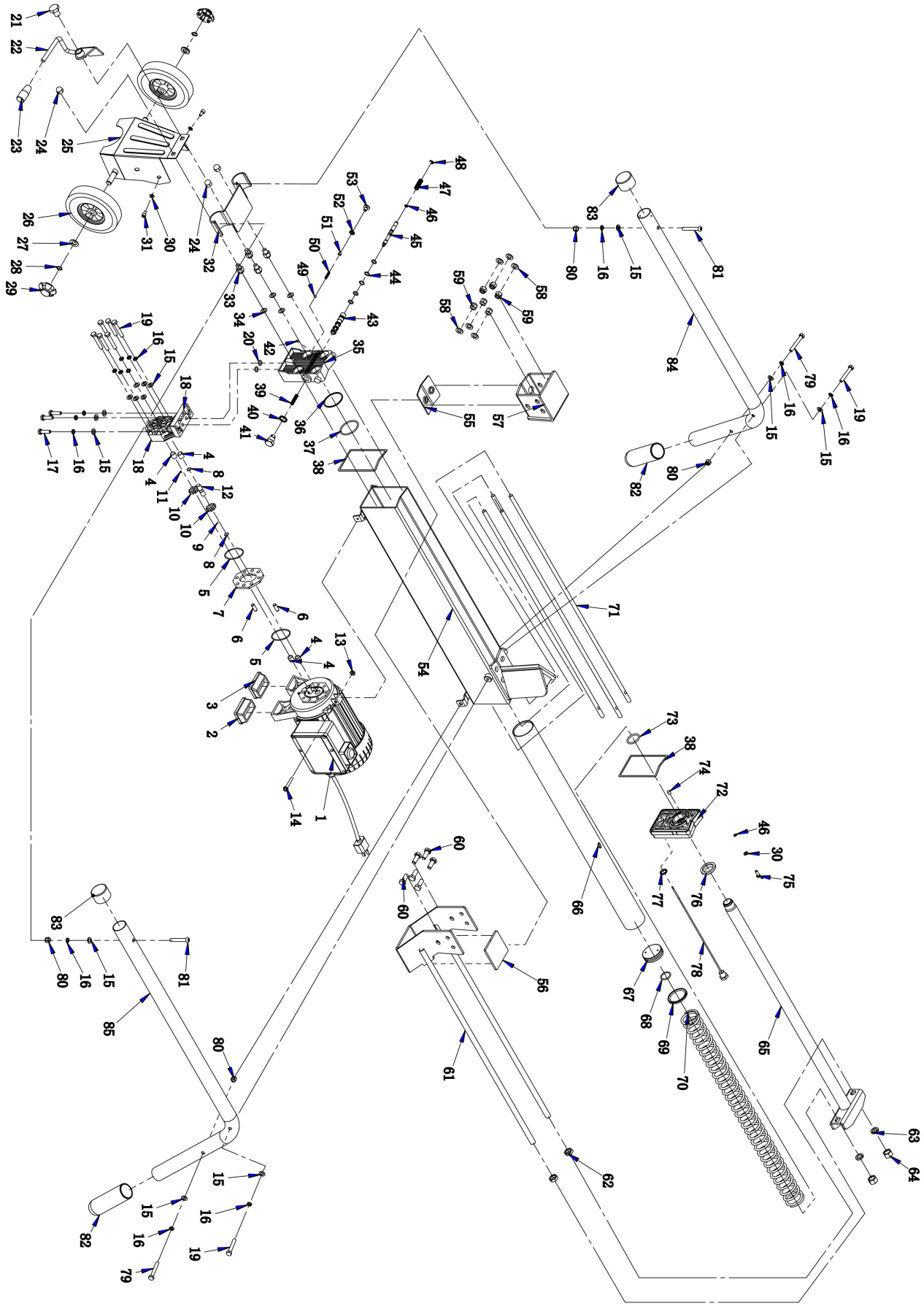
Sharpening Wedge

When the log splitter wedge becomes dull and/or worn, sharpen the wedge using a fine-toothed file and smooth any burrs or crushed areas along the cutting edge.

TROUBLESHOOTING

Problem	Cause	Action
Logs will not split	Extension cord is too long or gauge is too low.	Check extension cord to ensure the gauge of the cord is 10 or 12 AWG and that the cord length does not exceed 25 ft.
	Incorrect positioning of the log.	Make sure the log is properly positioned on the worktable.
	The size or hardness or density of the log may exceed the capacity of the log splitter.	Reduce the log size before placing it on the log splitter.
	Splitting wedge cutting edge is blunt or dull.	Sharpen the wedge.
	The bleed screw was not loosened and air is trapped in the hydraulic tank.	Loosen the bleed screw three or four turns.
	The hydraulic fluid is low and may need to be replenished.	Check the hydraulic fluid level.
	The maximum pressure limiting adjustment setting has changed.	Contact customer service (872)314-0005.
Hydraulic fluid leaks	The bleed screw may not have been tightened before transporting the splitter.	Tighten the bleed screw.
	The bleed screw may not have been loosened before operation and air is trapped in the hydraulic system.	Loosen the bleed screw three to four turns.
	The fluid drain bolt may be loose.	Use the hex wrench to tighten the bolt.
	The hydraulic control valve assembly and/or seals may be worn.	Contact customer service (872)314-0005.
Push rod movement is jerky, makes unfamiliar noise or vibration.	The hydraulic fluid level may be low.	Check the fluid level and refill if needed.
	There may be air in the hydraulic system.	Loosen the bleed screw one or two rotations.

EXPLODED VIEW & PARTS LIST



Item	Stock #	Description	Qty
1	BF06-02002	Motor	1
2	BF06-02009	motor foot cover R	1
3	BF06-02008	motor foot cover L	1
4	GB12613-90	bearing bush	4
5	GB/T3452.1	Oil seal 46x2.4	2
6	BF06-02001	locating pin	2
7	BF06-02004	Clapboard	1
8	GB/T895.2	Steel ring 11	2
9	GB308-2000	Steel ball 2.5	1
10	BF06-02006	Gear 5.3	2
11	GB/T119-2000	cylinder pin	1
12	BF06-02005	Gear shaft	1
13	GB/T 6183.1-2000	Locked nut M6	1
14	GB/T5789-86	Bolt M6x40	1
15	GB/T 95-2002	Flat washer 8	15
16	GB/T 93-1987	Spring washer 8	15
17	GB/T 5783-2000	Bolt M8×30	3
18	BF06-02007	Pump cover connection seat	1
19	GB/T 5780-2000	Bolt M8×50	8
20	GB/T3452.1	Oil seal 10x2.4	2
21	BF06-01010-REV1	Bolt	1
22	BF06B-02009	Hydraulic control lever	1
23	BF06-01012	plastic handle	1
24	GB 923-88	Nut M10	3
25	ELS106D-01200	Rear support	1
26	BF06-00003	6" wheel	2
27	GB/T 95-2002	Flat washer 12	2
28	GB 894.1-86	Spring washer 12	2
29	BF06-0003.1	wheel cover	2
30	GB/T 95-2002	Flat washer 6	3
31	GB/T 70.1-2000	nut M6X12	2
32	BF06B-02004	Connect plate	1
33	ELS106H-01001	double-headed Stud	4
34	ELS106H-01002	copper washer 10	4
35	BF07A-01005-REV1	manifold block	1
36	ELS106H-01006	retainer ring	1
37	GB3452.1-2002	Oil seal 49.4X3.1	1
38	BF06-01002	rubber washer	2
39	BF06-01004	spring	1
40	JB982-77	washer 16	1
41	BF06-01003	valve bolt	1
42	GB/T78-2000	Bolt M4x6	1
43	BF06-01008REV1	Control valve	1

Item	Stock #	Description	Qty
44	GB 3452.1-92	Oil seal 10.6x1.8	5
45	BF06-01300-REV1	Journey valve	1
46	GB 3452.1-92	Oil seal 5.6x1.8	2
47	BF06-01007	Spring	1
48	GB/T 896-86	E-ring	1
49	BG308-2002	steel ball	1
50	BF06-01011REV1	Adjustment spring	1
51	GB/T 77-2000	Bolt M8×6	1
52	JB982-77	washer 8	1
53	GB 2672-86	Bolt M8×10	1
54	BF07B-01000	Cylinder body	1
55	BF06-01020	Upper pad	1
56	BF06-01019	Down pad	1
57	BF06-01600-REV2	stop head	1
58	GB/T 95-2002	Flat washer 10	6
59	GB/T 889.1-2000	Nut M10	6
60	GB/T 5781-2000	Bolt M10×25	6
61	BF06-01200-REV1	Worktable guard	1
62	GB/T 6172.1-2000	thin Nut M14	2
63	GB/T 93-1987	Spring washer 14	2
64	GB/T55-2000	thick Nut M14	2
65	BF07-01400-REV1	Push rod	1
66	BF07-01014	Cylinder	1
67	ELS106H-01004	Piston	1
68	GB3452.1-2005	Oil seal 23.6x2.65	1
69	GB/T15242.1	Oil seal TF05500	1
70	BF07-01016	reset Spring	1
71	BF06B-00006	Stud 06B	4
72	BF07-01017-REV2	Front cover	1
73	GB 3452.1-92	Oil seal 30X3.55	1
74	BF06-01009	felt	1
75	BF06-01018	Bolt M6x16	1
76	DH30-38	J ring 30X42X5/10	1
77	JB982-77	washer 14	1
78	BF06-01500	Dipstick	1
79	GB/T 5780-2000	Bolt M8×55	2
80	GB/T889.1-2000	Nut M8	4
81	GB/T 70.2-2000	round head Bolt M8×55	2
82	BF06B-00010	Rubber foot	2
83	BF06B-00003	Rear support cover	2
84	BF06B-02002	Rear support L	1
85	BF06B-02003	Rear support R	1

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