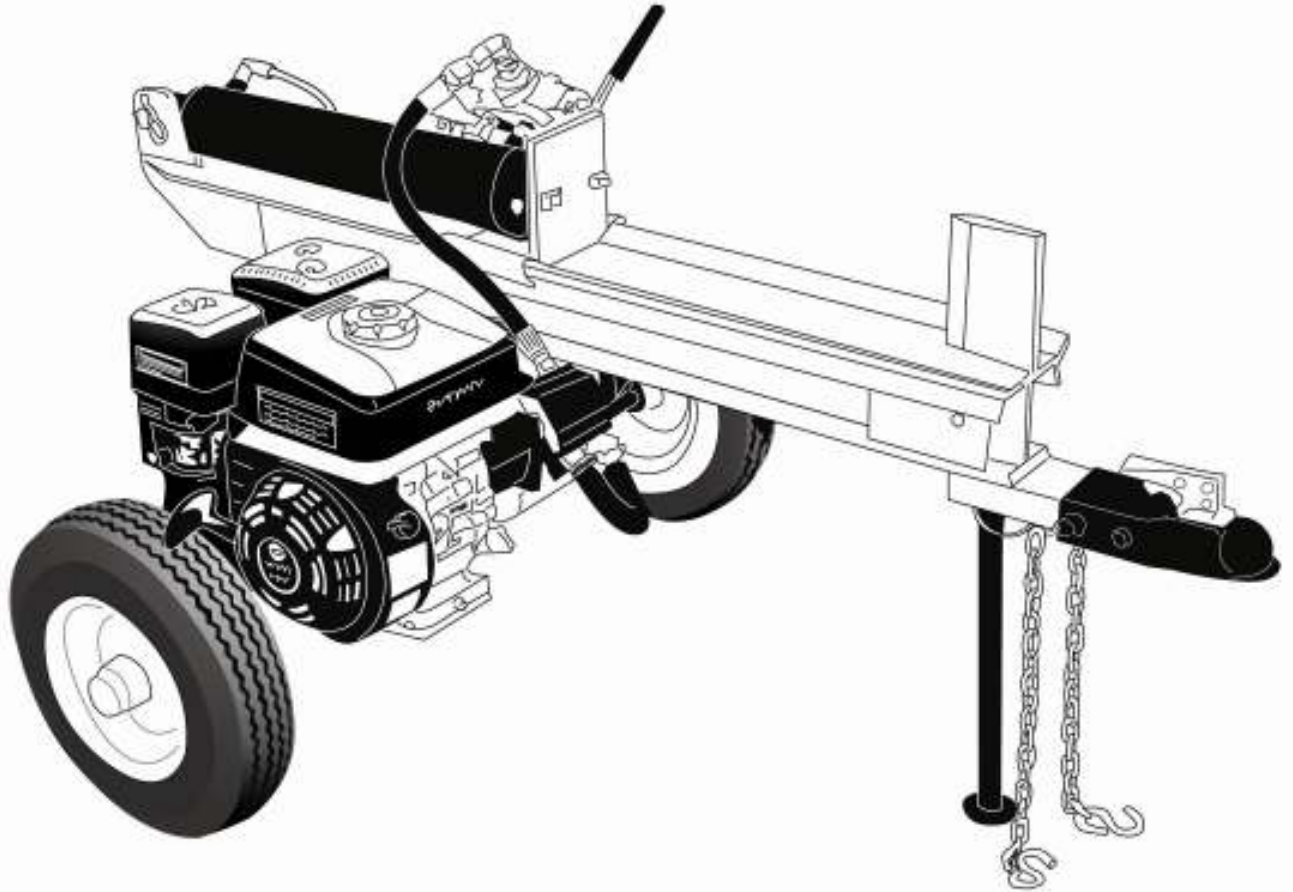




15 TON HORIZONTAL LOG SPLITTER

SPLITMASTER



MODEL NO. LS401105 (40110500)

Owner's Manual

ASSEMBLY & OPERATING INSTRUCTIONS



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

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IMPORTANT SAFETY INFORMATION



WARNING: Read and thoroughly understand all instructions and safety information before assembling or 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. As with all power equipment, a log splitter can be dangerous if assembled or used improperly. Do not operate this log splitter if you have doubts or questions concerning safe operation. Call our customer service department at 1-800-525-8322 to address these concerns.

Si no entiende ingles, se prefiere que busque alguien que interprete las instrucciones para usted.

INTENDED USE

NEVER use this log splitter for any other purposes than splitting wood. It is designed for this use **only**. Any other use can cause serious injury or death.

PERSONAL PROTECTIVE EQUIPMENT



BEFORE operating this log splitter make sure that you wear safety gear such as goggles or safety glasses, steel toed shoes and tight fitting gloves (without loose cuffs or draw strings). Always wear a protective hearing device when operating this log splitter.

NEVER wear loose clothing or jewelry that can be caught by moving parts of the log splitter. Keep clothing and hair away from all moving parts when operating this log splitter.

SAFETY DECALS

Make sure that all safety warning decals are in good condition and readable. Always replace missing or defaced decals. Write us or call 1-800-525-8322 and they will be sent to you at no charge.

WARNING

- FAILURE TO FOLLOW THESE RULES CAN CAUSE TRAILER TO DETACH WHILE TOWING AND MAY RESULT IN SERIOUS INJURY OR DEATH.
- DO NOT EXCEED WEIGHT CAPACITY OF BALL OR LOAD LIMITS STAMPED ON COUPLER.
- ALWAYS USE SAFETY CHAINS WHEN TOWING.
- ALWAYS CHECK THAT THE COUPLER HANDLE IS LOCKED BEFORE TOWING.
- ALWAYS USE THE CORRECT BALL SIZE THAT IS STAMPED ON COUPLER.
- ALWAYS ADJUST COUPLER LOCKING PRESSURE ON BALL BEFORE USE.
- CHECK COUPLER TIGHTNESS BEFORE TOWING AND AFTER TOWING 50 MILES.
- ALWAYS CHECK COUPLER AND BALL FOR DAMAGE BEFORE TOWING. REPLACE IF DAMAGED.
- AVOID SHARP TURNS AND STEEP VERTICAL ANGLES WHEN TOWING TO PREVENT DAMAGE TO COUPLER OR ITS COMPONENTS.

OPERATING INSTRUCTIONS

- 1) Before using, adjust coupler locking pressure on ball. Put handle in locked position with ball in coupler. Tighten locknut against tension spring so that coupler is firmly on ball. The proper adjustment allows handle to be released with moderate pressure.
- 2) Pull up on coupler handle to open and place coupler over ball. When ball is seated in ball socket pull back on handle to locked position.
- 3) Check to make sure the coupler is tight on the ball after towing for 50 miles. Always check for tightness before towing and make sure handle is in locked position.

PART NUMBER: DL52-2-9
LOCATION: TOP, FRONT END OF TONGUE

PART NUMBER: DL52-2-8
LOCATION: TOP, FRONT END OF TONGUE

IMPORTANT

KEEP TANK FILLED TO "OK" RANGE ON DIPSTICK. DO NOT FILL BEYOND "OK" RANGE. USE UNIVERSAL HYDRAULIC OIL OR DEXTRON II TRANSMISSION FLUID.

PART NUMBER: DL52-2-32
LOCATION: TANK LOWER RIGHT CORNER



IMPORTANT SAFETY INFORMATION

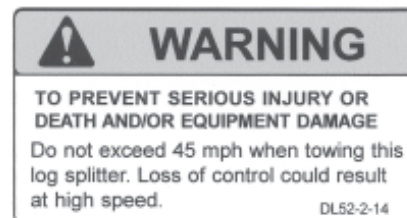
WARNING

1. READ AND UNDERSTAND OPERATOR'S MANUAL THOROUGHLY BEFORE OPERATION. FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY.
2. KEEP ALL SHIELDS IN PLACE.
3. KEEP HANDS, FEET AND CLOTHING AWAY FROM POWER-DRIVEN PARTS.
4. ALWAYS WEAR SAFETY GLASSES AND SAFETY SHOES DURING OPERATION.
5. ALWAYS OPERATE OUT-OF-DOORS WITH GOOD VENTILATION.
6. ALWAYS STOP ENGINE AND REMOVE SPARK PLUG WIRE BEFORE PERFORMING MAINTENANCE OPERATIONS.
7. ALWAYS SHUT OFF ENGINE WHEN LEAVING LOG SPLITTER UNATTENDED, EVEN FOR A SHORT PERIOD OF TIME.
8. ONLY ONE PERSON SHOULD LOAD AND OPERATE THE LOG SPLITTER. KEEP ALL OTHERS CLEAR DURING OPERATION. NEVER ALLOW ONE PERSON TO OPERATE VALVE WHILE ANOTHER IS POSITIONING THE LOG.
9. ALWAYS POSITION LOG WITH HANDS ON THE SIDES OF LOG. KEEP HANDS CLEAR OF ENDS.
10. KEEP ALL CHILDREN AWAY FROM THE LOG SPLITTER.
11. DO NOT STEP OVER THE LOG SPLITTER.
12. ONLY USE HANDS TO OPERATE THE CONTROL VALVE.
13. DO NOT OPERATE THE LOG SPLITTER WHILE UNDER THE INFLUENCE OF ALCOHOL, DRUGS OR MEDICATION.
14. ALWAYS OPERATE THE LOG SPLITTER ON LEVEL, DRY, NON-SLIPPERY SURFACES. KEEP OFF SLOPES.
15. KEEP WORK AREA CLEAR OF SPLIT WOOD, DEBRIS OR OTHER OBSTACLES.
16. ALWAYS STAY IN THE OPERATOR ZONE WHEN USING THE LOG SPLITTER.
17. ALWAYS SPLIT WOOD IN THE DIRECTION OF THE GRAIN ONLY.
18. DO NOT ADD GASOLINE WHILE THE ENGINE IS HOT OR RUNNING. ALLOW ALL SPILLED GAS TO EVAPORATE BEFORE USING LOG SPLITTER. ⁽³²⁾

PART NUMBER: DL51-1-32
LOCATION: TOP OF HYDRAULIC CYLINDER



PART NUMBER: DL51-1-57
LOCATION: TOP, FORWARD SECTION
OF HYDRAULIC CYLINDER



PART NUMBER: DL52-2-14
LOCATION: TOP, FRONT END OF TONGUE



IMPORTANT SAFETY INFORMATION

GENERAL SAFETY

Failure to follow these instructions may result in serious injury or death.

NEVER allow children to operate this log splitter. **NEVER** allow adults lacking proper instructions and understanding to operate this log splitter.

KEEP all people and pets a minimum of 10 feet away from your work area when operating this log splitter. Only the operator is to be near the log splitter during use.

If a helper is assisting in loading logs, **NEVER** actuate the control until the helper is clear of the work area.

NEVER operate the log splitter when under the influence of alcohol, drugs or medication.

NEVER allow a person who is tired or otherwise not alert to use your log splitter.

PREPARATION OF THE LOG

Both ends of the log should be cut as square as possible to help prevent the log from riding out of the splitter during operation. Do not split logs greater than 26 in. in length.

WORK AREA

NEVER operate the log splitter on slippery, wet, muddy or icy ground.

ONLY operate your log splitter on level ground. Operating on a slope could cause the log splitter to roll over or logs to fall off.

NEVER operate your log splitter in an enclosed area. Exhaust fumes contain carbon monoxide which can be deadly when inhaled.

NEVER attempt to move your log splitter over hilly or uneven terrain without a tow vehicle or adequate help.

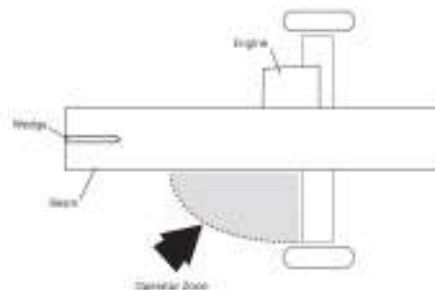
ALWAYS block the wheels to prevent movement of the log splitter while in operation.

ONLY operate your log splitter in daylight or under good artificial light.

ALWAYS keep the work area clean. Remove split wood around your log splitter immediately so that you don't stumble over it.

OPERATION OF THE LOG SPLITTER

ONLY operate the log splitter from the operator zone.





IMPORTANT SAFETY INFORMATION

KNOW how to stop the log splitter and disengage the controls before operating it.

NEVER place hands or feet between the log and splitting wedge during forward or reverse stroke. Serious injury or death could result.

NEVER straddle or step over the log splitter during operation.

NEVER reach or bend over the log splitter to pick up a log.

NEVER try to split two logs on top of each other.

NEVER try to cross split a second log.

NEVER allow one person to operate the valve while another is positioning the log.

NEVER attempt to load your log splitter when the ram or wedge is in motion.

ALWAYS use your hand to operate the control lever on the valve. **NEVER** use your foot, a rope or any extension device.

NEVER move the log splitter while the engine is running. Shut off the engine even if you are leaving the log splitter for a short period of time.

ALWAYS avoid contact with the muffler and other hot areas of the engine during operation to prevent burns.

REPAIR AND MAINTENANCE SAFETY

NEVER operate your log splitter when it is in poor mechanical condition or in need of repair.

Periodically check that all nuts, bolts, screws, hydraulic fittings and hose clamps are tightened.

NEVER alter your log splitter in any manner such as adding a rope or extension to the control lever or adding to the width or height of the wedge. Such alterations may cause your log splitter to be unsafe and will void the warranty.

Perform all recommended maintenance procedures before using your log splitter.

Replace all damaged or worn parts immediately.

NEVER tamper with the engine to run it at excessive speeds. The maximum engine speed is preset by the manufacturer and is within safety limits.

ALWAYS remove the spark plug wire before performing any service or repair on your log splitter.

ALWAYS check the level of hydraulic oil and engine oil before operation.

ALL replacement parts must meet manufacturer's specifications.



IMPORTANT SAFETY INFORMATION

HYDRAULIC SAFETY

The hydraulic system of your log splitter requires careful inspection along with the mechanical parts. Be sure to replace frayed, kinked, cracked or otherwise damaged hydraulic hose and components.

NEVER check for leaks of hydraulic fluid with your hand. Fluid escaping from a small hole can be almost invisible. Escaping fluid under pressure can have sufficient force to penetrate skin causing serious personal injury or even death. Leaks can be detected by passing a piece of cardboard over the suspected leak and looking for discoloration.

ALWAYS seek professional medical attention immediately if injured by escaping hydraulic fluid. Serious infection or reaction can develop if proper medical treatment is not administered immediately.

ALWAYS be sure to relieve all pressure by shutting off the engine and moving the valve control handle back and forth should it become necessary to loosen or remove any hydraulic fitting.

NEVER remove the cap from the hydraulic tank or reservoir while the log splitter is running. Hot oil under pressure could result in serious injury.

NEVER adjust the hydraulic valve. The pressure relief valve on your log splitter is preset at the factory. Only a qualified service technician should perform this adjustment.

FIRE PREVENTION

NEVER operate your log splitter near a flame or spark. Hydraulic oil and gasoline are flammable and can explode.

NEVER fill the gas tank while the engine is hot or running. Allow the engine to cool before refueling.

NEVER smoke while operating or refueling your log splitter. Gas fumes can easily explode.

ONLY refuel your log splitter in a clear area with no gas fumes or spilled gas.

ALWAYS use an approved fuel container.

ALWAYS replace the gas cap securely.

If gasoline has spilled, move the log splitter away from the area of the spill and avoid creating any source of ignition until the spilled gas has evaporated.

ALWAYS take a Class B fire extinguisher with you when operating this log splitter in dry areas as a precautionary measure against possible flying sparks.

ALWAYS drain the fuel tank prior to storage to avoid the potential fire hazard.

ALWAYS store gasoline in an approved, tightly sealed container. Store the container in a cool, dry place.

NEVER store gasoline in the house or near a heating appliance.



IMPORTANT SAFETY INFORMATION

IMPORTANT NOTE:

This log splitter is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered or grass-covered land unless the engine's exhaust system is equipped with a spark arrester meeting applicable local or state laws (if any). If a spark arrester is used, it should be maintained in effective working order by the operator. In the state of California a spark arrester is required by law. Other states have similar laws. Federal laws apply on federal lands. A spark arrester muffler (optional by manufacturer) is available as an accessory at your nearest engine dealer. Always check the legal requirements in your area.

TOWING SAFETY

ALWAYS check all local and state regulations regarding towing, licensing, and lights before towing your log splitter.

ALWAYS check before towing to make sure that the log splitter is correctly and securely attached to the towing vehicle and that the safety chains are secured to the hitch or bumper of the vehicle with enough slack to allow turning. Always use a Class I, 2" ball with this log splitter.

NEVER carry any cargo or wood on your log splitter.

NEVER allow anyone to sit or ride on your log splitter.

ALWAYS disconnect your log splitter from the towing vehicle before operating it.

ALWAYS be careful when backing up with your log splitter in tow. It could jackknife.

ALWAYS allow for added length of your log splitter when turning, parking, crossing intersections and in all driving situations.

NEVER exceed 45 mph when towing your log splitter. Towing the log splitter at speeds higher than 45 mph could result in loss of control, damage to the equipment, serious injury or death. Adjust towing speed for terrain and conditions. Be extra cautious when towing over rough terrain especially railroad crossings.

ASSEMBLY INSTRUCTIONS

NOTE: This log splitter was partially assembled at the factory. Refer to the drawing and parts list should it become necessary to disassemble the unit for repair or replacement of parts.

STEP 1: Remove all the components from the crate. Inspect each piece for shipping damage. If any part is damaged, contact your dealer or delivering carrier.

NOTE: Refer to the exploded view drawing on page 12 when assembling this log splitter

STEP 2: Remove the tank/engine assembly (2) from the crate and set it on the ground. Make sure that it is stable.

STEP 3: Remove the rubber covering from the two spindles on the tank/axle (2). The wheel bearing cups, bearing cones, grease seals and hub caps are already assembled. Bearing cones have been greased at the factory. Remove the hub cap (53) by prying it loose with a common tip screwdriver. Mount the wheels (45) to the spindles on the tank/axle (2) using the 3/4 in. light flatwasher (50) and 3/4 in. slotted nut (51) from the hardware kit. Tighten the nut until bearing play is removed and the wheel will still rotate freely. Install the cotter pin (52) and hub cap (53). Repeat step 4 for the other wheel.

STEP 4: Check to make sure that the tank/axle assembly (2) is stable and will not roll. Blocking the wheels will help to prevent any movement. Position the beam assembly (1) over the plate with the four holes on the tank/engine assembly (2). When the holes are aligned, insert the four 1/2 in. UNC x 1 in. GR 5 bolts (926), 1/2 in. lock washers (25) and the 1/2 in. UNC nuts (24). Tighten the nuts and bolts.

STEP 5: Connect the 3/4 in. x 7-1/2 in. return hose (23) to the 3/4 in. 45° fitting on the valve (4). Secure with a hose clamp (19). Tighten clamp.

STEP 6: Connect the 1/2 in. x 21 in. pressure hose (21) to the swivel fitting (40) on the valve (4). Tighten.

OPERATING INSTRUCTIONS

STEP 1: STARTING



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. As with all power equipment, a log splitter can be dangerous if assembled or used improperly. Do not operate this log splitter if you have doubts or questions concerning safe operation. Call our customer service department at 1-800-525-8322 to address these concerns.

Si no entiende ingles, se prefiere que busque alguien que interprete las instrucciones para usted.

IMPORTANT: The engine and hydraulic tank are shipped without oil. See the engine operating and maintenance instructions manual packed with the log splitter for the type of crankcase oil, fuel, etc. The engine manufacturer recommends lead-free gasoline only.



CAUTION: DO NOT START OR RUN THE ENGINE WITHOUT OIL IN THE HYDRAULIC RESERVOIR AND IN THE ENGINE.

STEP 2: The hydraulic reservoir should be filled with an SAE 20 hydraulic oil. If hydraulic oil is difficult to obtain, automatic transmission fluid can be substituted and should be used instead of hydraulic oil when temperatures are below 32 degrees. Use only clean oil and take care to prevent dirt from entering the hydraulic reservoir.



CAUTION: *WHEN TIGHTENING THE BREATHER CAP ON THE TANK, POINT THE HOLE AWAY FROM THE ENGINE AND THE OPERATOR ZONE.*

ENGINE OIL RECOMMENDATIONS

Use 4-stroke automotive detergent oil. SAE 10W-30 is recommended for general use. Refer to the SAE Viscosity Grades chart on page 17 of your engine owner's manual for average temperature ranges. The engine manufacturer recommends using API SERVICE Category SE or SF oil.

The engine oil capacity is 0.63 US qt (0.6 L).

Always check oil level *before* starting the engine. Keep oil level at full.

DIRECTIONS FOR FILLING HYDRAULIC SYSTEM

Fill the hydraulic reservoir with at least two gallons of hydraulic fluid. After the hydraulic reservoir and the engine crankcase are filled with oil, start the engine. The hydraulic pump should prime itself. With the engine running, move the hydraulic valve lever toward the wedge. This will cause the cylinder to extend and expel air. When the cylinder is fully extended, retract it. Repeat this procedure several times. An erratic movement of the cylinder indicates that there is still air in the system. More oil should then be added to bring the fluid level up to the "OK" range on the dipstick. Total hydraulic capacity is 2.5 gallons. NOTE: If the tank is overfilled, it will tend to expel oil from the breather cap when the cylinder is retracted. After adding more oil to the tank, cycle the cylinder again until it has a constant speed indicating that all oil has been expelled. Check the oil level in the reservoir again to make sure it is in the "OK" range.

STARTING INSTRUCTIONS

NOTE: *REFER TO THE ENGINE OWNER'S MANUAL FOR COMPLETE INFORMATION ON STARTING, MAINTENANCE AND TROUBLE-SHOOTING.*

- 1) Move the fuel valve lever to the ON position.
- 2) To start a cold engine, move the choke lever to the CLOSE position.
To restart a warm engine, leave the choke lever in the OPEN position.
- 3) Move the throttle lever away from the SLOW position, about 1/3 of the way toward the FAST position.
- 4) Turn the engine switch to the ON position.
- 5) Pull the starter grip until you feel resistance, then pull briskly. Return the starter grip gently.
- 6) If the choke lever has been moved to the CLOSE position to start the engine, gradually move it to the OPEN position as the engine warms up.
- 7) To stop the engine in an emergency, simply turn the engine switch to the OFF position. Under normal conditions, move the throttle lever to the SLOW position and then turn the engine switch to the OFF position. Then turn the fuel valve lever to the OFF position.

For further information on starting and stopping the engine, refer to your engine owner's manual.

NOTE: The engine maximum governed speed is preset at the factory at 3600 RPM no load speed. When splitting wood, the throttle should be set at the maximum setting to develop the horsepower required for the pump.

TOWING

The log splitter is equipped with pneumatic tires, a Class I coupler (2 in. diameter ball required) and safety chains. Before towing, the safety chains must be secured to the hitch or bumper of the vehicle. Local regulations should be checked regarding licensing, lights, towing, etc. See also Towing Safety in the Safety Information section of this manual. Do not exceed 45 mph when towing this log splitter.

OPERATION



WARNING: *ALWAYS WEAR SAFETY GLASSES WHEN OPERATING THIS LOG SPLITTER.*

DANGER: *KEEP HANDS AND FEET CLEAR OF RAM, STRIPPER PLATES AND BASE PLATE AT ALL TIMES.*

- 1) Set up the log splitter in a clear, level area and block the wheels. Make sure that the suction port on the tank is always on the lower side of the log splitter.
- 2) Place a log on the beam against the foot plate. Make sure that the log is securely on the foot plate and up against the beam. Always use extra care when splitting logs with unsquare ends.
- 3) Depress the valve handle so that the cylinder will drive the ram into the log. Extend the cylinder until the log splits or to the end of its stroke. If the log has not completely split after the cylinder has reached the end of its extension, retract the cylinder.
IMPORTANT: Leaving the valve in the "actuate" position at the end of the stroke may damage the pump.

NOTE: Output tonnage varies with altitude.

MAINTENANCE

- 1) Consult the operating and maintenance instructions of the engine manufacturer for engine care and maintenance.
- 2) Always check the oil level of the hydraulic reservoir before operation. Operating the log splitter without an adequate oil supply will cause severe damage to the pump.
- 3) Change the oil filter after the first 25 hours of operation. Thereafter change the oil filter every hundred hours or seasonally, whichever comes first.
- 4) If the wedge becomes dull or nicked, it can be removed and sharpened. Remove the 1/2 in. diameter bolt that connects the wedge to the cylinder. The hose from the valve may need to be removed. While the log splitter is in the horizontal position, loosen the hose clamp and disconnect the hose from the valve. Carefully lift the cylinder to allow the wedge to slide forward. The wedge can now be lifted off and sharpened.
- 5) Clean the breather cap after 25 hours of operation. Clean it more often when operated in dusty conditions. To clean, remove the breather from the tank and flush with kerosene or liquid detergent to remove the dirt.
- 6) See also Repair and Maintenance Safety in the Safety Information section of this manual.
- 7) All replacement parts must meet manufacturer's specifications.

PARTS BREAKDOWN FOR MODEL LS401105 LOG SPLITTER

REFERENCE NUMBER	SKU NUMBER	PART NUMBER	DESCRIPTION	NUMBER REQUIRED
	40110500	LS401105	15 Ton Log Splitter Complete	1
1	40142600	LS401426	Beam (4-1/2 in. x 7 in.)	1
2	40142500	LS401425	Tank	1
3	39017700	HC390177	3-1/2 in. Hydraulic Cylinder	1
4	390410C0	HC390410C	Auto Return Valve	1
5	40141900	LS401419	Ram Wedge	1
6	39053900	HC390539	6.5 H.P. OHV Horizontal Engine	1
7	39060100	HC390601	Filter Assembly	1
	390601A0	HC390601A	Filter Element	1
	39060300	HC390603	Filter Base	1
8	390705C0	HC390705C0	11 gpm Two-Stage Pump	1
9	400833L0	LS400833L	1/2 in. Coupler Half	1
10	400835L0	LS400835L	3/4 in. Coupler Half	1
11	400834L0	LS400834L	Spider Gear	1
12	40032100	LS400321	3/16 in. Square Keyway	11
13	40081200	LS400812	Pump Mount	1
14		O/L	5/16 in. UNC x 1-1/2 in. GR 5 Bolt	4
15		O/L	5/16 in. UNC Locknut	4
16		O/L	5/16 in. UNC x 5/8 in. GR 5 Bolt 2	2
17		O/L	5/16 in. UNC x 3/4 in. 5 Bolt	2
18		O/L	M8 x 1.25 x 20 GR 8.8 Bolt	4
19	39031600	HC390316	Hose Clamp # 16	4
20	39025500	HC390255	3/4 in. 11 in. Suction Hose	1
21	39026100	HC390261	1/2 in. x 21 in. Pressure Hose	1
22	39026200	HC390262	3/4 in. 7-1/2 in Return Hose	1
23	40142700	LS401427	Ground Stand	1
24		O/L	1/2 in. UNC Nut	5
25		O/L	1/2 in. UNC Lock Washer	5
26		O/L	1/2 in. UNC x 1 in. GR 5 Bolt	4
27		O/L	1/2 in. UNC x 3 in. GR 5 Bolt	1
28	07091000	P7910	Clip Pin	2
29	07073700	P7737	Cylinder Pin	1
30	17280300	HW172803	M10 x 1.25 Locknut	2
31	40034600	LS400436	2 in. Ball Coupler	1
32	17290800	HW172908	M10 Flat Washer	6
33	17271700	HW172717	M10 x 1.5 x 115mm GR 8.8 Bolt	1
34	17271600	HW172716	M10 x 1.5 x 100mm GR 8.8 Bolt	1
35	40032300	LS400323	Safety Chain with "S" Hook	2
36	39032400	HC390324	3/4 in. NPTF x 3/4 in. Tube 45° Fitting	2
37	39034300	HC390343	1/2 in. NPTF x 1/2 in. NPTF Hex Nipple	1
38	39034700	HC390347	1/2 in. NPT x 3/4 in.-16 JIC Fitting	2
39	39031100	HC390311	3/4 in. NPTF-1/2 in. NPTF Reducer Bushing	1
40	39030200	HC390302	1/2 in. NPTF Swivel 90° Fitting	1
41	39038000	HC390380	1/2 in. Steel Tubing	1
42	39034900	HC390349	3/4 in. NPT x 2-1/2 in. Nipple	1

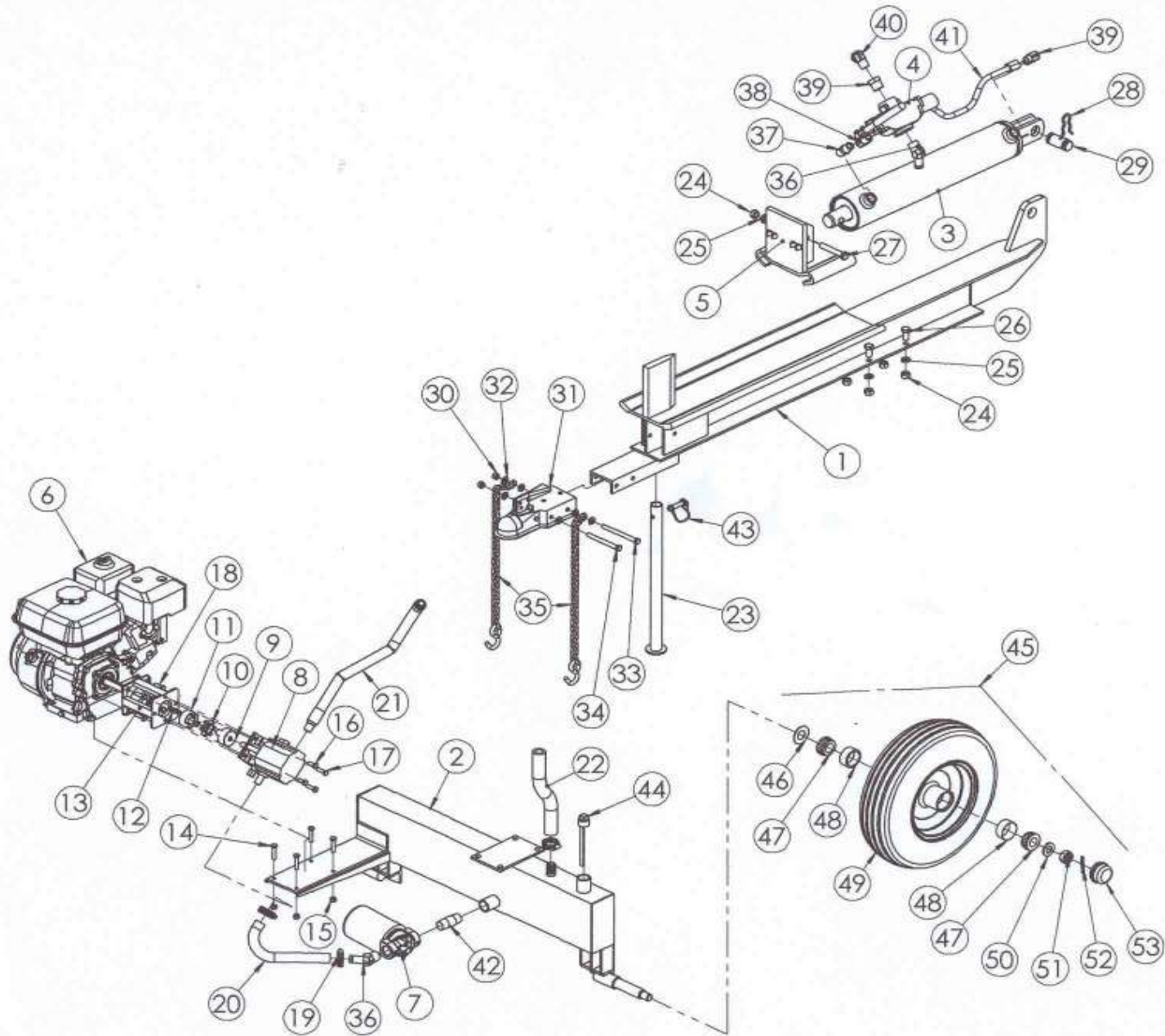
REFERENCE NUMBER	SKU NUMBER	PART NUMBER	DESCRIPTION	NUMBER REQUIRED
43	07096000	P7960	PTO Locking Pin	1
44	40043300	LS400433	Dip Stick	1
45	400312B0	LS400312B0	Pregreased Wheel Assembly	2
46	22017600	BE22176	Grease Seal	2
47	22017500	BE22175	Bearing Cone	4
48	22017400	BE22174	Bearing Cup	4
49	40031200	LS400312	4.80 x 8 in. Road Tire	2
50		O/L	3/4 in. Light Flat Washer	2
51	17012000	HW170120	3/4 in. UNF Slotted Nut	2
52		O/L	1/8 in. x 1-1/2 in Cotter Pin	2
53	40033200	LS400332	Hub Cap	2
	40145100	LS401451	Hardware Kit	1

O/L- Obtain locally. Common fasteners available through hardware and farm stores.

Replacement Filter cartridge HC390601 interchanges with:

FRAM 1653A
NAPA 1553
Cross # 1A9023
Baldwin # BT839
Wicks # 51553

MODEL NO. LS401105 LOG SPLITTER



== NOTES ==

Model No. _____

Serial No. _____

Date of Purchase _____

Place of Purchase _____

SPECIFICATIONS

Engine	6.5 H.P. OHV
Pump	Two-Stage, 11 gpm
Cylinder	3-1/2 in. Diameter x 18 in. Stroke
Valve	Auto-Return
Maximum Splitting Force	15 Tons
Maximum Log Length	19 in.
Cycle Time	8 Seconds
Wheels	4.80 x 8 in. Road Tires
Wedge	6 in. High
Beam Size	4-1/2 in. x 7 in.
Hydraulic Capacity	10 Quarts
Filter	Replaceable
Height	36 in.
Length	65 in.
Width	45 in.
Weight	300 lbs.

*Ideal case cycle time. Actual cycle time will vary depending on temperature, altitude, engine speed, pump efficiency, etc.



A brand of Special Products Co.
15000 W. 44th Ave. Golden Colorado 80403
303-279-5544 Toll Free USA 800-525-8322 Fax 303-278-3432
Email: speeco@speeco.com Web: www.speeco.com