

BWM 50 Ton Vertical Log Splitter

(with hydraulic lifting table)

User's Manual



BWM LSV50 Series

Please read through this owner's manual carefully before using the product, to ensure the safety of yourself and others.

*Due to continuing improvements, actual product may differ slightly from the product described herein.

Index

1. General Warnings and Rules.....	3
2. Hazard Signal Definitions	4
3. Parts Component	5
3. Controls and Features Identification	6
4. Assembly Instructions	8
5. Operating Instructions	17
6. Maintenance and Storage	20
7. Troubleshooting	21
8. Specifications.....	22
9. Warranty	23
10. Illustrated Parts List.....	24



GENERAL WARNINGS



READ and UNDERSTAND this manual completely before using 50 Ton Log Splitter.

Operator must read and understand all safety and warning information, operating instructions, maintenance and storage instructions before operating this equipment. Failure to properly operate and maintain the log splitter could result in serious injury to the operator or bystanders.

Operation Warnings

- Do not at any time carry passengers, sit or stand on the log splitter.
- Do not allow children to play on, stand upon or climb on the log splitter.
- Always inspect the log splitter before using to assure it is in good working condition.
- Replace or repair damaged or worn parts immediately.
- Always check and tighten hardware and assembled parts before operation.
- Do not exceed equipment maximum load capacity of 50 tons.
- Avoid large holes and ditches when towing the equipment.
- Always operate the log splitter on clear and level ground.
- Do not operate the log splitter at night, only during daylight hours.
- Always tow at reduce speed in rough terrain, along creeks, ditches and on hillsides.
- To avoid personal injury and/or equipment damage **DO NOT EXCEED 72 KM/H.**
- Always refer to the vehicle owner's manual for proper towing.
- Always secure and lock the log splitter to the vehicle hitch before towing.

Crush and Cut Hazards

- Always keep hands and feet clear from moving parts while operating the equipment.
- Always clear and keep work area clean and free of debris when operating.
- Always wear safety gear, eye protection, gloves and work boots when operating the log splitter.



WARNING

The warnings, cautions, and instructions outlined in this instruction manual cannot cover all possible conditions or situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product and must be supplied by the operator.

Assembly Is Required

This product requires assembly before use. See "Assembly" section for instructions. Because of the weight and/or size of the log splitter, it is recommended that another adult be present to assist with the assembly. **INSPECT ALL COMPONENTS** closely upon receipt to make sure no components are missing or damaged.

Hazard Signal Word Definitions

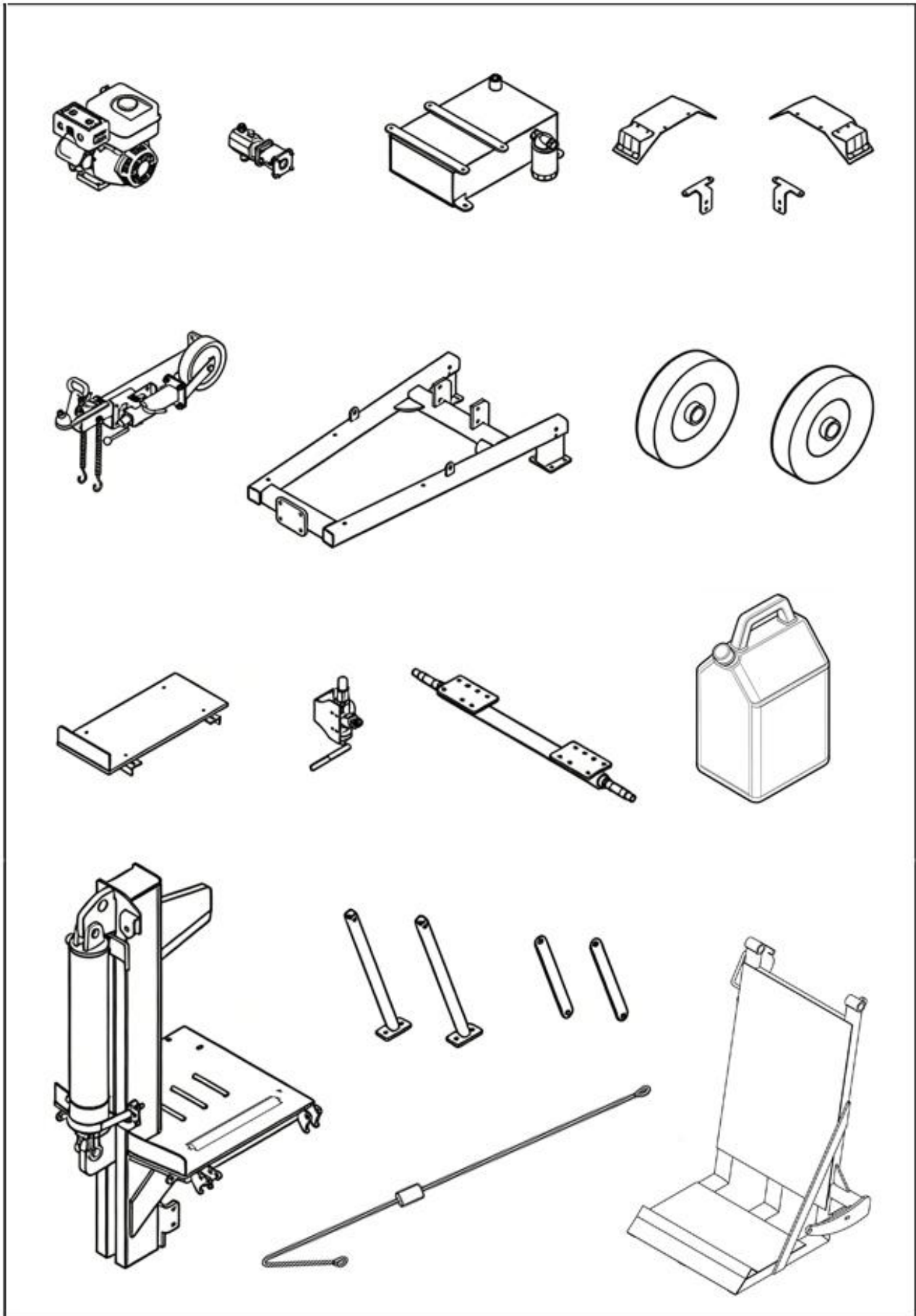
	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
	DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
	WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
	CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
	CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

ABOUT YOUR 50 TON LOG SPLITTER

This hydraulic log splitter has a heavy-duty steel construction and 50 tons of ram force. Built for dependable performance, this outdoor power equipment ensures your log-splitting tasks are completed quickly and efficiently. It is designed to work in the vertical position. It is easy to tow, easy to use and maintain. Never exceed the rated capacity of 50 tons when operating the log splitter.

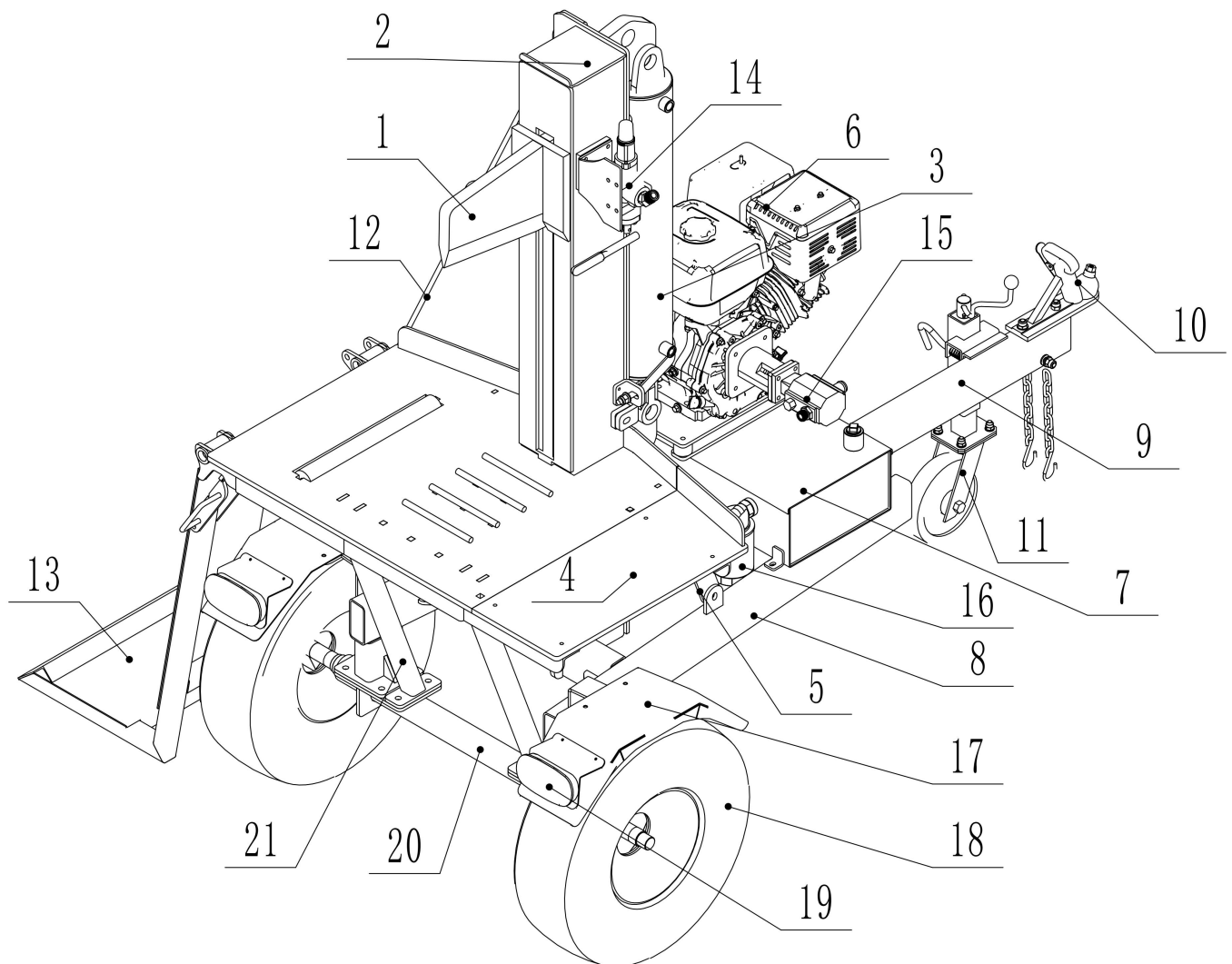
Technical specifications on the log splitter are provided in the “Specifications” section of this manual.

Parts Component



Controls and Features Identification

Read this owner's manual before operating the equipment. Familiarize yourself with the location and function of the controls and features. Save this manual for future reference.



1. Wedge – Features wedge wings and tapered ends making splitting easier
2. Beam
3. Hydraulic Cylinder – 5" bore and 23" stroke
4. Log table
5. Front Diagonal Brace
6. Engine – Honda GX390 Key Start
7. Oil Tank – Capacity 25L
8. Support Bracket
9. Tow Bar
10. Tow Hitch – Attaches the log splitter to the 50mm hitch ball
11. Jockey Wheel – 8"
12. Steel Wire Rope
13. Lifting Table – Used to lift the log
14. Control Valve – Controls the upward and downward movement of splitting wedge
15. Gear Pump – Pumps the hydraulic oil through the system
16. External Filter – Filters the hydraulic oil
17. Wheel Fender
18. Wheels – Maximum rated towing speed is 72 KM/H
19. Tail Light
20. Axle Bracket
21. Rear Diagonal Brace



WARNING



Engine Shipped Without Oil.

Before starting engine, fill with 1.1 liters (1100 mL) of Honda 10W30 engine oil, depending on your model. See engine manual for engine oil capacity.

Hydraulic Oil Tank is Shipped Without Oil.

Add 25 liters of AW32/AW46 hydraulic oil before the first use. When topping up oil verify the oil level using the oil filter/dip stick on the top of hydraulic oil tank. For more details, refer to the **Log Splitter Tips** provided.

Inspect all Log Splitter Components.

Before assembly, inspect all components and check for any missing, damaged, or incorrect parts.

Read and follow all instructions for assembly and operation. Failure to properly assemble this equipment could result in serious injury to the user or bystanders, or cause equipment damage.

Assembly Instructions

50 TON VERTICAL LOG SPLITTER ASSEMBLY

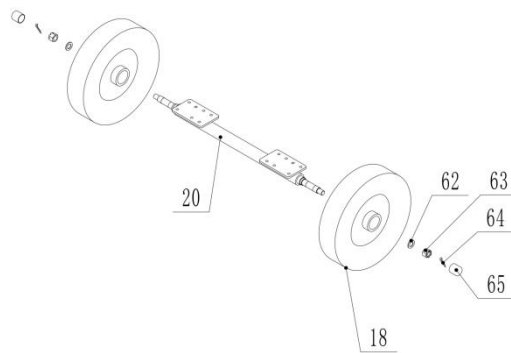
Set the shipping crate on a solid flat surface and carefully remove the lid. Use two people and take all parts out of the shipping crate and inspect the components to ensure there are no missing pieces before starting to assemble the log splitter with the following steps.

TOOLS REQUIRED

- Rubber or Wooden Hammer
- 13mm, 16mm, 17mm, 18mm, 19mm, 24mm, 27mm Wrenches
- Large Adjustable Wrench
- Phillips or Standard Screwdriver
- Pliers

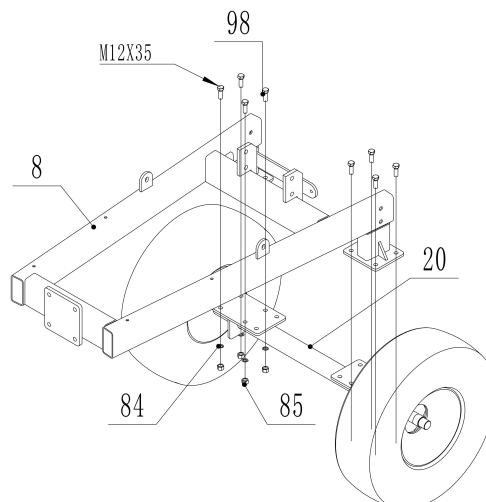
STEP 1: Fit Wheel Assembly

1. Mount the wheels (#18) to the axle bracket (#20) using flat washers Ø20 (#62), slotted nuts (#63) and cotter pins Ø4×40 (#64). Fit the axle caps (#65) at each end.



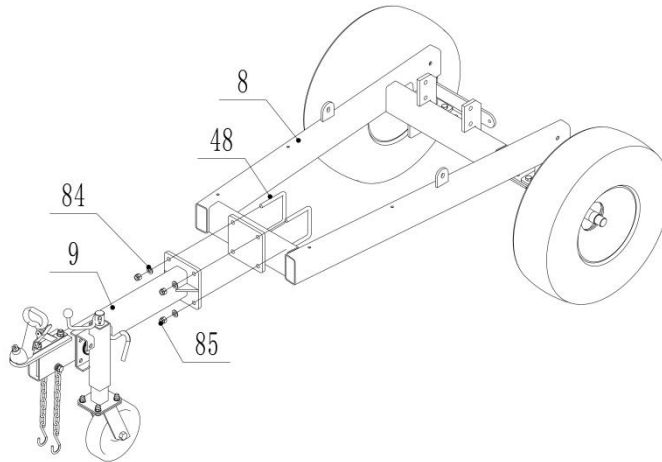
STEP 2: Fit Support Bracket to Axle Bracket

1. Secure the support bracket (Item 8) to the axle bracket (Item 20) with M12×35 hex head bolt (Item 98), Ø10 flat washer (Item 84) and M10 nyloc nut (Item 85).



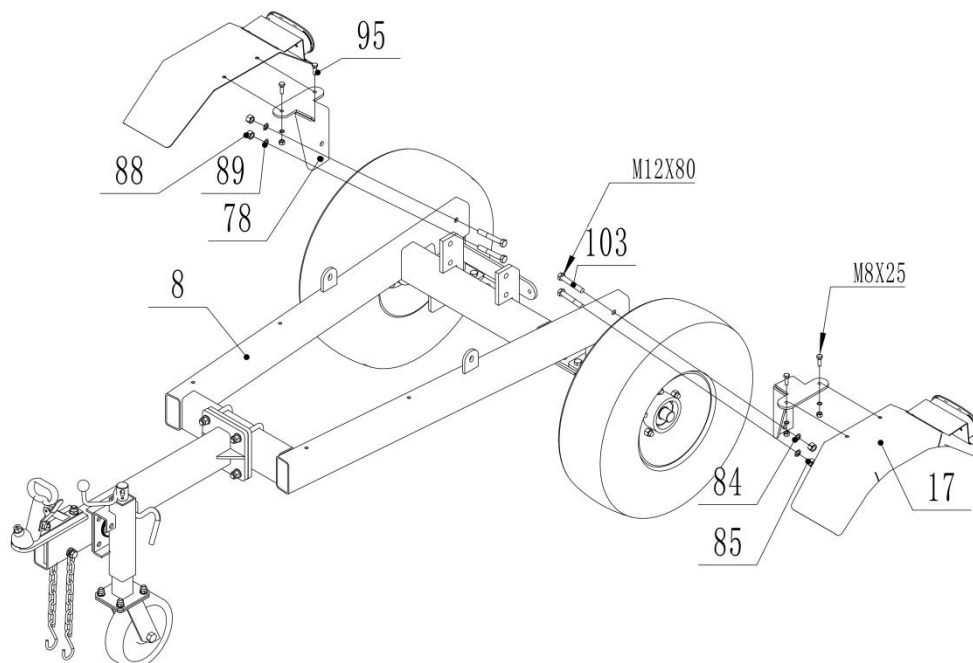
STEP 3: Fit Tow Bar to Support Bracket

1. Secure the tow bar (Item 9) to the support bracket (Item 8) with U-bolt (Item 48), Ø12 flat washer (Item 84) and M12 nyloc nut (Item 85).



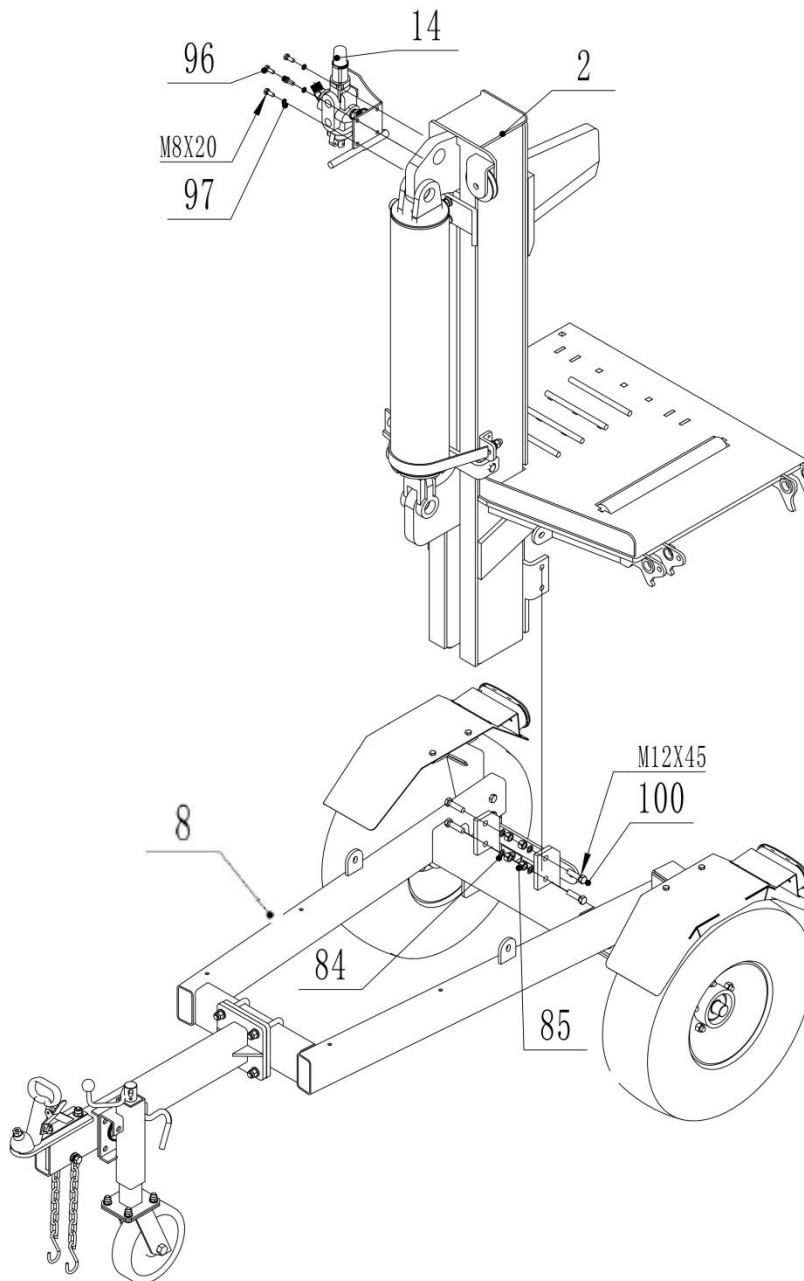
STEP 4: Fit Wheel Fenders

1. Secure the fender bracket (Item 78) to the support bracket (Item 8) with M12×80 hex head bolt (Item 103), M12 flat washer (Item 84) and M12 nyloc nut (Item 85).
2. Secure the fender (Item 17) to the fender bracket (Item 78) with M8×25 hex head bolt (Item 95), M8 flat washer (Item 88) and M8 nyloc nut (Item 89).



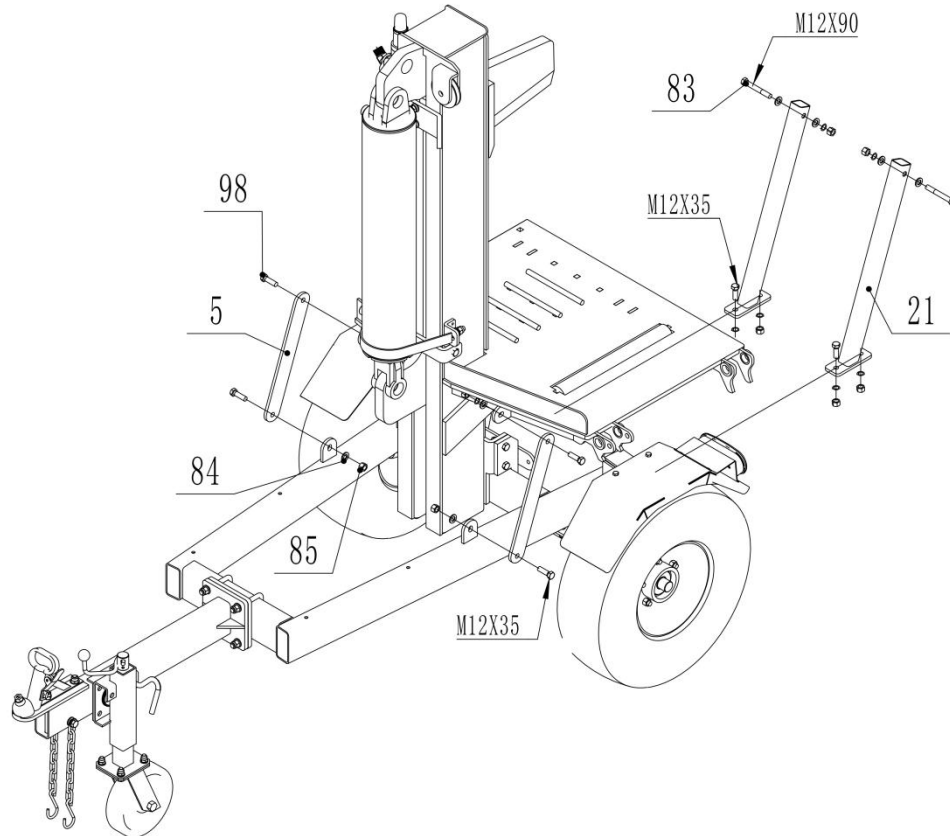
STEP 5: Fit Beam & Valve

1. Secure the beam to support bracket (Item 8) using M12×45 hex head bolt (Item 100), Ø12 flat washer (Item 84) and M12 nyloc nut (Item 85).
2. Secure the valve to the beam with M8×20 hex head bolt (Item 96) and M8 spring washer (Item 97).



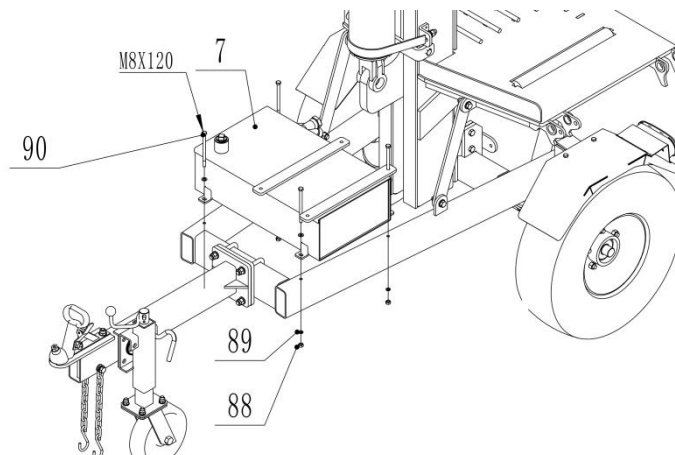
STEP 6: Fit Braces

1. Secure the rear diagonal braces (Item 21) to the axle bracket with M12×35 hex head bolt (Item 98), Ø12 flat washer (Item 84) and M12 nyloc nut (Item 85).
2. Secure the rear braces (Item 21) to the beam with M12×90 hex head bolt (Item 83), Ø12 flat washer (Item 84) and M12 nyloc nut (Item 85).
3. Secure the front diagonal brace (Item 5) to the beam and support bracket with M12×35 hex head bolt (Item 98), Ø12 flat washer (Item 84) and M12 nyloc nut (Item 85).



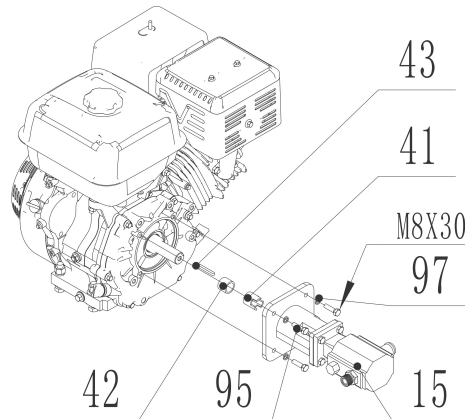
STEP 7: Fit Oil Tank

1. Secure the oil tank (Item 7) to the support bracket with M8×120 hex head bolt (Item 90), Ø18 flat washer (Item 89) and M8 nyloc nut (Item 88).



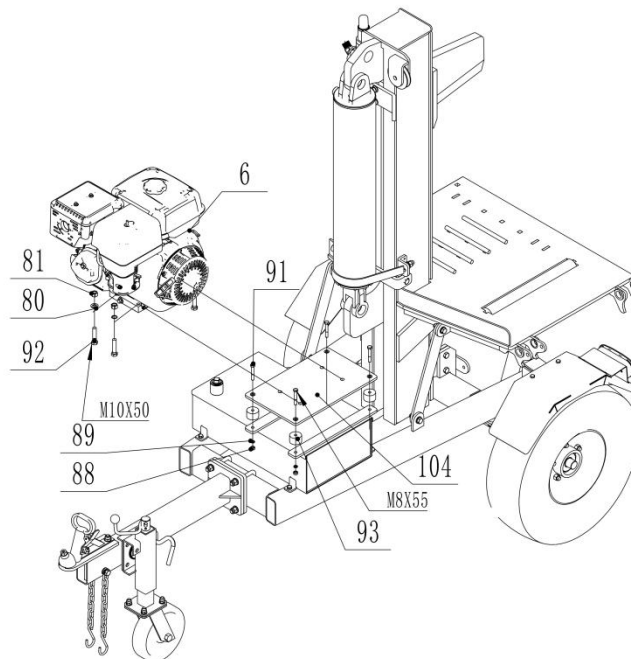
STEP 8: Fit Gear Pump (Assembled in VIC Factory)

1. Remove the flat key (Item 43) from the engine shaft, fit the engine spacer (Item 42) onto the shaft, refit the flat key (Item 43), then mount the engine coupling (Item 41) to the engine shaft.
2. Secure the gear pump assembly (Item 15) to the engine with M8×30 hex head bolt (Item 95), and Ø8 spring washer (Item 97).



STEP 9: Fit the Engine

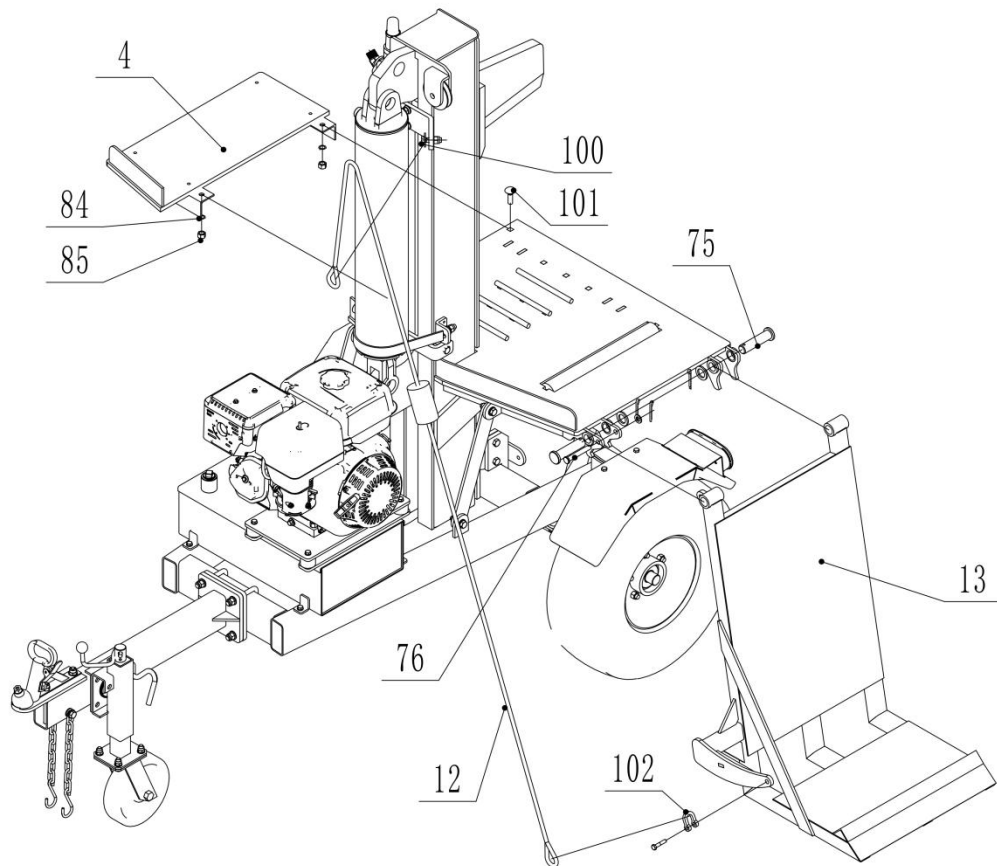
1. Secure the engine to the engine mounting plate with M10×50 hex head bolt (Item 92), Ø10 flat washer (Item 80) and M10 nyloc nut (Item 81).
2. Fit the rubber mount (Item 93) between the engine and mounting plate, then secure the engine mounting plate to the oil tank with M8×55 hex head bolt (Item 91), Ø8 flat washer (Item 89) and M8 nyloc nut (Item 88).



NOTE: If inserting bolts up through the base plate, secure each bolt with duct tape to retain position whilst aligning engine mounting holes to the bolts. Remove all tape from underneath the mounting plate once fully tightened.

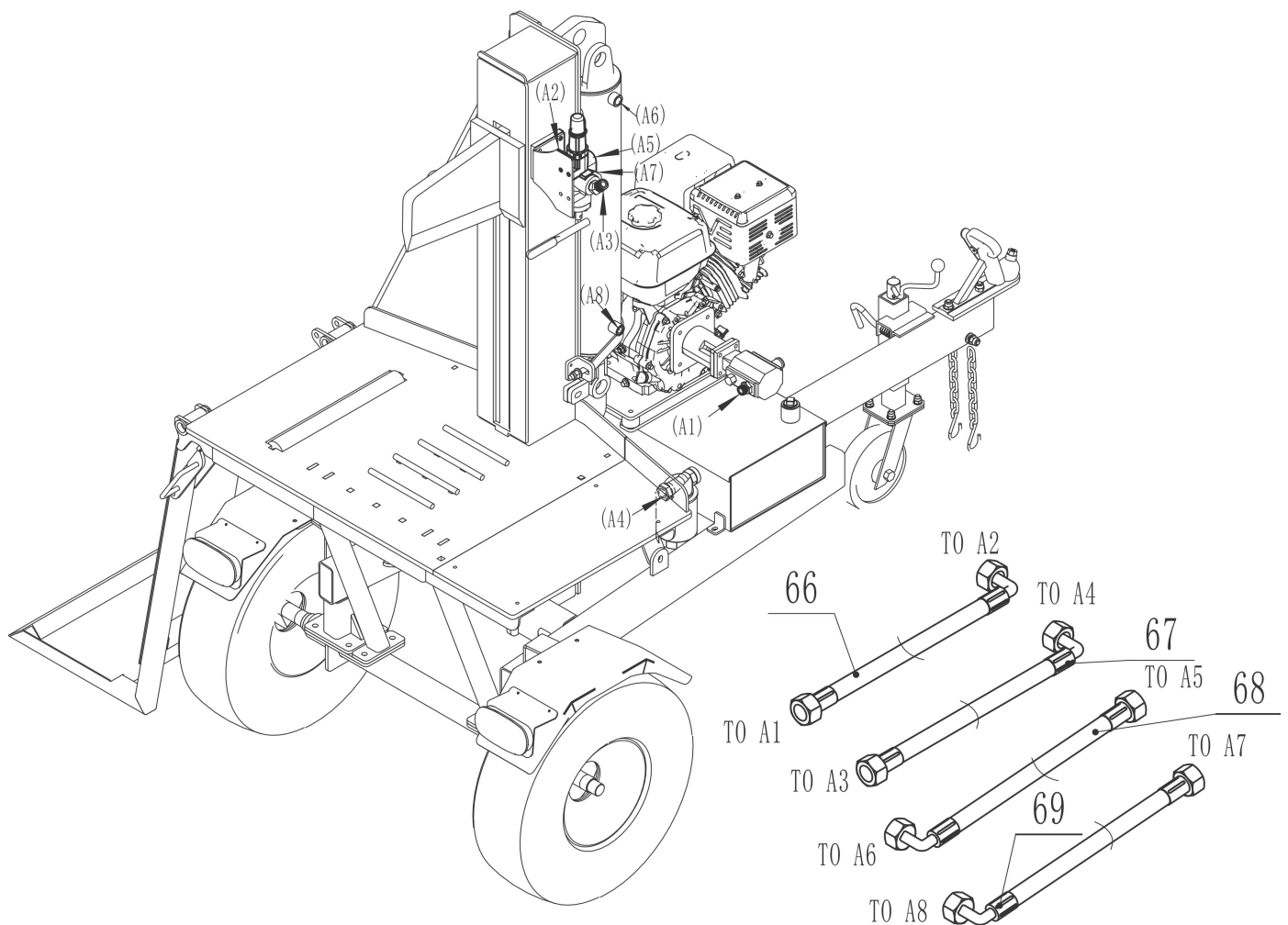
STEP 10: Fit Lifting Table & Log Tray

1. Fit the lifting table assembly to the beam with pin shaft (Item 75), flat washers and cotter pins.
2. Secure the log tray to the beam with M12×40 bolt (Item 101), Ø12 flat washers (Item 84) and M12 nyloc nut (Item 85).
3. Thread the wire rope through the pulley and connect it to the cylinder connection plate. Secure this joint with an M12×45 hex head bolt (Item 100). Attach the opposite end of the wire rope to the lifting table, then fasten using wire rope clips (Item 102).



STEP 11: Fit the Hydraulic Hoses

1. Fit the inlet oil hose (Item 66) between valve port A2 and gear pump port A1.
2. Fit the return oil hose (Item 67) between external oil filter port A4 and valve port A3.
3. Fit the cylinder oil hose 1 (Item 68) between valve port A5 and cylinder port A6.
4. Fit the cylinder oil hose 2 (Item 69) between valve port A7 and cylinder port A8.
5. Attach the steel wire reinforced hose (oil tank side) to the gear pump outlet fitting and secure with a clamp.



STEP 12: Add Engine Oil

1. Make sure the log splitter is on a level surface.
2. Unscrew the oil fill cap/dipstick to add oil.
3. Add 1.1 liters (1100 mL) of Honda 10W30 engine oil. Refer to owner's engine manual for more details. Replace the oil fill cap/dipstick.
4. Check engine oil level each use and add as needed.

NOTE: During the break-in period check the engine oil level more often.

CAUTION

DO NOT attempt to crank or start the engine before it has been properly filled with the recommended type and amount of oil. Damage to the log splitter as a result of failure to follow these instructions will void your warranty.

STEP 13: Add Fuel to the Engine

1. Use only clean, fresh, regular unleaded 91 fuel.
2. DO NOT mix oil with fuel.
3. Remove the fuel cap and slowly add fuel to the tank. DO NOT overfill, allow approximately $\frac{1}{4}$ inch of space for fuel expansion.
4. Screw on the fuel cap and wipe away any spilled fuel.

DANGER

Log splitter engine exhaust contains carbon monoxide, a colourless, odourless, poison gas. Breathing carbon monoxide will cause nausea, dizziness, fainting or death. If you start to feel dizzy or weak, get to fresh air immediately.

Operate log splitter outdoors only in a well ventilated area.

DO NOT operate the log splitter inside any building, enclosure or compartment.

DO NOT allow exhaust fumes to enter a confined area through windows, doors, vents or other openings.

DANGER: CARBON MONOXIDE, using a log splitter indoors **CAN KILL YOU IN MINUTES.**

CAUTION

Fuel and fuel vapors are highly flammable and extremely explosive.
Fire or explosion can cause severe burns or death.
Unintentional startup can result in entanglement, traumatic amputation or laceration.
Only use regular unleaded 91 fuel.
DO NOT mix oil and petrol together.
Fill tank approximately ¼" below the top of the tank to allow for fuel expansion.
DO NOT fill fuel tank indoors or when the engine is running or hot.
DO NOT light cigarettes or smoke when filling the fuel tank.

STEP 14: Add Hydraulic Oil

1. The log splitter needs to be on a flat, level surface before adding the hydraulic oil.
2. Remove the oil cap from the hydraulic oil tank.
3. Add 20 liters of AW32/AW46 hydraulic oil.
4. Check the hydraulic oil level.
5. Start engine and use the control lever to extend and retract wedge several times to remove air from the lines.
6. With the wedge retracted, check hydraulic oil level again and fill if necessary.

WARNING

DO NOT remove the hydraulic oil fill cap when the engine is running or hot. Hot oil can escape causing severe burns. Always allow the log splitter to cool completely before removing the hydraulic oil cap.
High fluid pressure and temperatures are created in the hydraulic log splitters. Hydraulic fluid will escape through a pin-size hole opening and can puncture skin and cause severe blood poisoning. Inspect hydraulic system regularly for possible leaks. **Never check for leaks with your hand while the system is pressurized. Seek medical attention immediately if injured by escaping fluid.**
Make sure all fittings are tight and secure before applying pressure. Relieve system pressure before servicing.
Make sure the hydraulic hoses do not touch any hot surfaces or cutting areas.
Hoses need to be positioned where they are clear from the engine and cutting wedge. To avoid serious bodily injury always inspect the hoses before operating the log splitter.

Operating Instructions

! WARNING

Before operating or using the log splitter, review the instructions below and all safety information. Failure to follow these instructions may result in property damage or injury to the operator or bystanders

! WARNING

ALWAYS use the log splitter for its intended use.
ONLY use the log splitter to split wood logs, length wise with the grain.
NEVER modify, alter or change the log splitter in anyway, modifications will void the warranty.
NEVER attach a rope, cable or other device to the control lever on the log splitter.
ONLY operate the log splitter in daylight.
NEVER leave the log splitter unattended while the engine is running.
DO NOT change the splitting position with the engine running. Contact with the muffler can cause serious burns.
ALWAYS make sure the beam is in the locked position.
DO NOT let the beam drop as it could crush fingers or cause damage to the log splitter.
NEVER operate or let anyone else operate, the log splitter while under the influence of alcohol, drugs, or medication.

USING YOUR LOG SPLITTER

1. DO NOT at any time carry passengers, sit or stand on the log splitter.
2. Check the hydraulic oil level and visually inspect all hoses and attachments for problems.
3. Inspect the engine and make sure the engine oil level is correct.
4. Before towing the log splitter the tyres need to be fully inflated.

! TYRE WARNING

DO NOT over inflate tyres. Serious injury can result if tyres explode.
DO NOT tow the log splitter if the tyres are worn or will not hold air.
DO NOT exceed the maximum 72 KM/H towing speed.

5. Refer to the vehicle owner's manual for proper safety and towing instructions.

! TOWING WARNING

Serious injury or death can occur if towing safety rules are not followed.
Always use safety chains, secure and lock the log splitter to the vehicle hitch before moving.
Drive safely. Be aware of the added length of the log splitter.
Never exceed the maximum travel speed of 72 KM/H.
Never ride or transport cargo on the log splitter.
Turn off the vehicle before leaving the log splitter unattended.
Block the log splitter wheels to prevent unintended movement.

6. The log splitter must have at least 2 meters of clearance from combustible material. It needs to be on a dry and level surface with good footing. Do not work on mud, ice, brush or snow. When using the log splitter the work zone must be maintained at all times.

NOTE: Serious accidents can happen when other people are allowed inside the work zone. Keep everyone else outside the work zone while operating the control lever.

7. Always wear safety gear, eye protection, gloves and work boots when operating the log splitter.
8. Start the engine and make sure the log splitter is on level ground before operating.

NOTE: The hydraulic oil needs to be above -12C° before starting the engine. Cold hydraulic oil can damage the hydraulic pump. If outdoor air temperature is below 0C°, allow the log splitter to warm up by extending and returning the wedge several times before splitting wood.

9. Put the support leg or jockey wheel in the down position to prevent the log splitter from moving during operation and block both tyres.
10. Operate the log splitter on level ground, upright at all times
11. Load a log onto the beam against the endplate (Max Log Length - 24").
12. Make sure hands are clear from the wedge and crush hazard areas.

CRUSH WARNING

Wedge can cut through skin and break bones. Keep both hands away from wedge and beam slide.

Serious accidents can happen when other people are allowed inside the work zone. Keep everyone else out of the work zone while operating control lever.

DO NOT wear loose clothing. It can get tangled in moving parts of log splitter.

Only use the log splitter in daylight so you can see what you are doing.

13. Push control lever DOWNWARD by one hand to split the log.

14. Push control lever UPWARD by one hand to return wedge to its original position.

CAUTION

If a log gets stuck, embedded or will not split completely, push the control lever in the reverse direction and allow the splitter to strip the log from the wedge.

If the log still remains stuck, embedded or will not split, turn the machine off and use a sledge hammer and crow bar to remove the log.

ALWAYS keep hands clear of the log and wedge while it is retracting.

15. Always keep work zone clean and free of split wood and debris.

Maintenance and Storage

CAUTION

Improper maintenance and storage of the log splitter may void your warranty.

MAINTENANCE

- Before performing any maintenance, the log splitter must be placed in maintenance mode. Turn off the engine and move the control lever downward and upwards to relieve the hydraulic pressure.
- After performing any maintenance, make sure all guards, shields and safety features are put back in place before operating the log splitter.
- Before operating make sure the tyres have the RECOMMENDED TYRE PRESSURE.
- Regularly grease axle and wheel bearing area or when needed.
- Periodically check all fasteners and hoses for tightness and leaks.
- Annually clean and lightly lubricate all moving parts or when needed.
- Use a glossy enamel spray paint to touch up scratched or worn painted metal surfaces.
- Never exceed load capacity rating of 50 tons it will damage the log splitter.

What	When	How
Hoses	Each Use	Inspect hoses for exposed wire mesh and leaks. Replace all worn or damaged hoses before starting the engine.
Hydraulic Fittings	Each Use	Inspect fittings for cracks and leaks. Replace all damaged fittings before starting the engine.
Nuts and Bolts	Each Use	Check for loose bolts, tighten before operating.
Beam	Each Use	Apply grease to beam surface.
Moving Parts	Each Use	Clear debris from log splitter.

Refer to the Engine Owner's Manual for engine maintenance.

IMPORTANT:

If a part needs replacement, only use parts that meet the manufacturer's specifications. Replacement parts that do not meet specifications may result in a safety hazard or poor operations.

STORAGE

- Before storing make sure the log splitter is clean and dry for years of trouble-free service.
- Lightly lubricate all log splitter surfaces and moving parts to prevent rust.
- Store indoors or protected area during severe weather and winter months.

Troubleshooting

Problem	
Cylinder rod will not move	SOLUTION: A,D,E,H,J
Slow cylinder rod speed when extending or retracting	SOLUTION: A,B,C,H,I,K,L
Wood will not split or splits extremely slowly	SOLUTION: A,B,C,F,I,K
Engine bogs down during splitting	SOLUTION: G,L
Engine stalls under low load condition	SOLUTION: D,E,L,M
Engine starts problem	SOLUTION: N
Cause	Solution
A -Insufficient oil to pump	Check oil level in reservoir
B -Air in oil	Check oil level in reservoir
C -Excessive pump inlet vacuum	Check pump inlet hose for blockage or kinks
D -Blocked hydraulic lines	Flush and clean the splitter hydraulic system
E -Blocked control valve	Flush and clean the splitter hydraulic system
F -Low control valve setting	Adjust control valve with a pressure gauge
G -High control valve setting	Adjust control valve with a pressure gauge
H -Damaged control valve	Return control valve for authorized repair
I -Internal control valve leak	Return control valve for authorized repair
J -Internal cylinder leak	Return cylinder for authorized repair
K -Internally damaged cylinder	Return cylinder for authorized repair
L -Engine Control out of adjustment	Adjust idle control nuts
M -Engine is loaded during idle down mode	Use shorter log length (24" or less) to allow engine to speed up before contact.
N -Engine operation	Refer to the Engine Owner's Manual

Specifications

Ram Force	50 Ton
Cycle Time	12 Sec
Hydraulic Tank Capacity.....	25 L
Max. Log Length	24" (610mm)
Gear Pump.....	2-Stage
Hydraulic Oil.....	AW32/AW46 Hydraulic Oil
Hydraulic Cylinder	5" x 23" (125mm x 575mm)
Max. Flow.....	16 GPM
Wheel Size	23"(6.50-10)
Hitch Type	2" Ball Coupler
Max. Towing Speed.....	72 KM/H
Engine.....	Honda GX390 Key Start

NOTE: For Engine Details Refer to the Engine Owner's Manual.

Warranty

Limited Warranty

The warranty period for the log splitter is 3 years (Domestic use) and 1 year (Commercial use) from the purchase date. The engine has a 3 years warranty. The warranty will not apply to any unit which was not assembled correctly, misused, overloaded or which has been used or operated contrary to our instructions, or which has been repaired or altered by anyone other than an authorized representative.

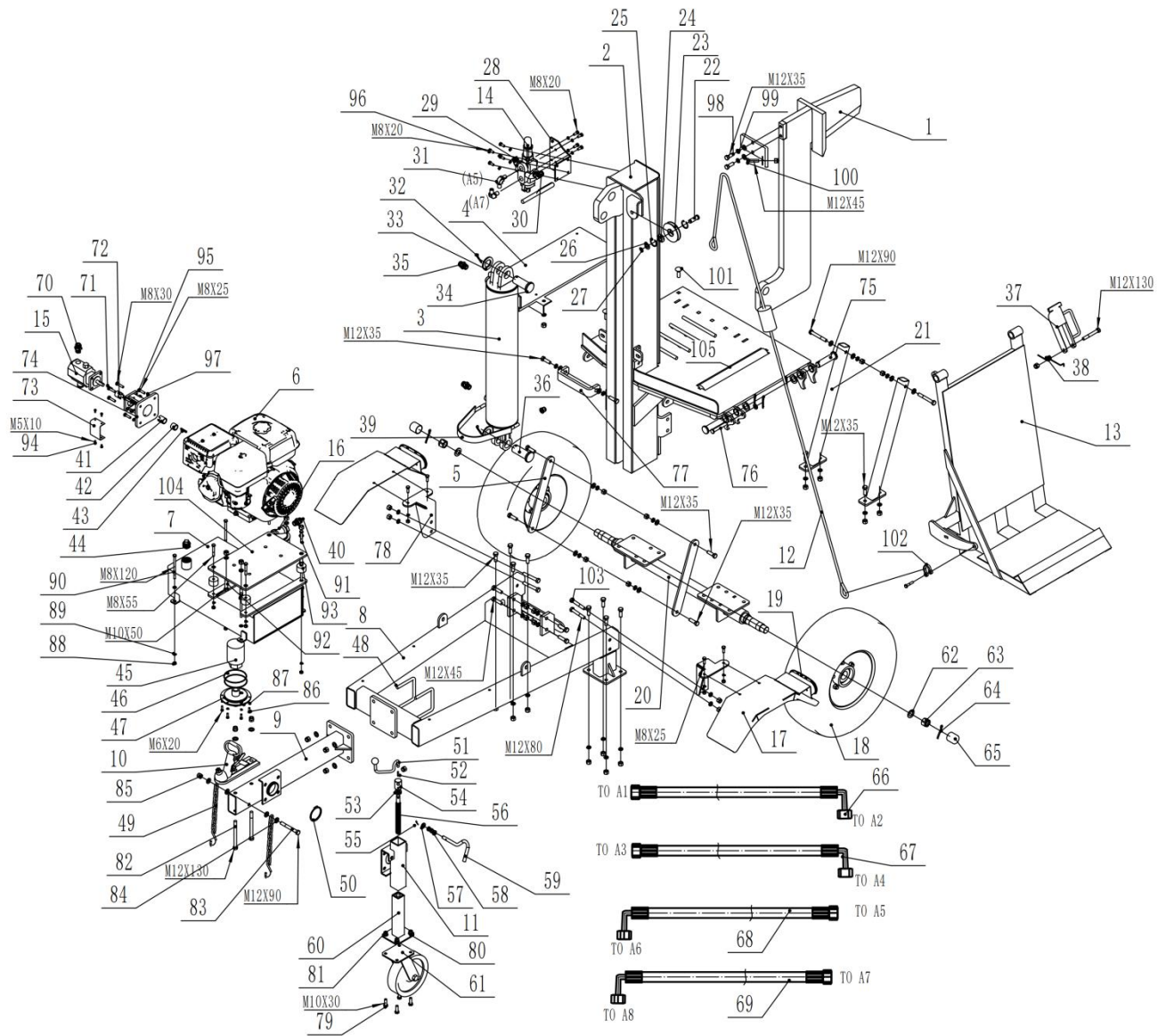
Warranty Exclusions

Warranty will not cover:

- Pieces worn out due to normal wear and tear.
- Misuse, negligence of care, and lack of maintenance.
- Failures due to using non genuine replacement parts.

Warranty will be voided if the machine has been modified in any way.

Parts Illustration List



Parts Illustration List

Ref #	Part No.	Description	Qty
1	BWMLSV50001	Splitting Wedge	1
2	BWMLSV50002	Main Frame	1
3	BWMLSV50003	Hydraulic Cylinder	1
4	BWMLSV50004	Log Table	1
5	BWMLSV50005	Front Diagonal Brace	2
6	BWMLSV50006	Engine	1
7	BWMLSV50007	Hydraulic Oil Tank	1
8	BWMLSV50008	Support Bracket	1
9	BWMLSV50009	Tow Bar	1
10	BWMLSV50010	Tow Hitch	1
11	BWMLSV50011	Outer Sleeve	1
12	BWMLSV50012	Steel Wire Rope	1
13	BWMLSV50013	Lifting Table	1
14	BWMLSV50014	Control Valve	1
15	BWMLSV50015	Gear Pump	1
16	BWMLSV50016	External Oil Filter	1
17	BWMLSV50017	Wheel Fender	2
18	BWMLSV50018	Wheel	2
19	BWMLSV50019	Tail Light	2
20	BWMLSV50020	Axle Bracket	1
21	BWMLSV50021	Rear Diagonal Brace	2
22	BWMLSV50022	Pulley Shaft	1
23	BWMLSV50023	Pulley	1
24	BWMLSV50024	Bearing	1
25	BWMLSV50025	Circlip	2
26	BWMLSV50026	Flat Washer	1
27	BWMLSV50027	Small Circlip	1
28	BWMLSV50028	Valve Mounting Plate	1
29	BWMLSV50029	Return Oil Fitting	1
30	BWMLSV50030	Inlet Oil Fitting	1
31	BWMLSV50031	Outlet Oil Fitting	2
32	BWMLSV50032	Cotter Pin	2
33	BWMLSV50033	Flat Washer M36	2
34	BWMLSV50034	Top Cylinder Pin Shaft	1
35	BWMLSV50035	Cylinder Fitting	2
36	BWMLSV50036	Bottom Cylinder Pin Shaft	1

Ref #	Part No.	Description	Qty
37	BWMLSV50037	Lifting Table Support Bracket	1
38	BWMLSV50038	Torsion Spring	1
39	BWMLSV50039	Cylinder Mounting Plate	1
40	BWMLSV50040	Straight Return Oil Fitting	1
41	BWMLSV50041	Engine Coupling	1
42	BWMLSV50042	Spacer	1
43	BWMLSV50043	Flat Key	1
44	BWMLSV50044	Oil Plug	1
45	BWMLSV50045	Internal Oil Filter	1
46	BWMLSV50046	O-Ring	1
47	BWMLSV50047	Oil Outlet Flange	1
48	BWMLSV50048	U-Bolt	2
49	BWMLSV50049	Safety Chain	2
50	BWMLSV50050	Circlip	1
51	BWMLSV50051	Handle	1
52	BWMLSV50052	Spring Cylindrical Pin	1
53	BWMLSV50053	Thrust Ball Bearing	1
54	BWMLSV50054	Handle Bracket	1
55	BWMLSV50055	Cotter Pin	2
56	BWMLSV50056	Screw Rod	1
57	BWMLSV50057	Flat Washer	1
58	BWMLSV50058	Compression Spring	1
59	BWMLSV50059	Front Latch Pin	1
60	BWMLSV50060	Inner Sleeve	1
61	BWMLSV50061	Jockey Wheel	1
62	BWMLSV50062	Flat Washer	2
63	BWMLSV50063	Slotted Nut	2
64	BWMLSV50064	Cotter Pin	2
65	BWMLSV50065	Axle Cap	2
66	BWMLSV50066	Inlet Oil Hose	1
67	BWMLSV50067	Return Oil Hose	1
68	BWMLSV50068	Cylinder Oil Hose 1	1
69	BWMLSV50069	Cylinder Oil Hose 2	1
70	BWMLSV50070	Gear Pump Fitting	3
71	BWMLSV50071	Bolt M18×30	4
72	BWMLSV50072	Gear Pump Coupling	1

Ref #	Part No.	Description	Qty
73	BWMLSV50073	Pump Bracket Guard Plate	1
74	BWMLSV50074	Pump Bracket	1
75	BWMLSV50075	Lifting Table Pin Shaft	2
76	BWMLSV50076	Lifting Table Lock Pin	1
77	BWMLSV50077	Splitting Wedge Guard Plate	1
78	BWMLSV50078	Fender Bracket	2
79	BWMLSV50079	Hex Head Bolt M10×30	4
80	BWMLSV50080	Flat Washer M10	8
81	BWMLSV50081	Nyloc Nut M10	8
82	BWMLSV50082	Hex Head Bolt M12×130	3
83	BWMLSV50083	Hex Head Bolt M12×90	4
84	BWMLSV50084	Flat Washer M12	35
85	BWMLSV50085	Nyloc Nut M12	32
86	BWMLSV50086	Hex Head Bolt M6×20	6
87	BWMLSV50087	Spring Washer M6	6
88	BWMLSV50088	Nyloc Nut M8	20
89	BWMLSV50089	Flat Washer M8	20
90	BWMLSV50090	Hex Head Bolt M8×120	4
91	BWMLSV50091	Hex Head Bolt M8×55	4
92	BWMLSV50092	Hex Head Bolt M10×50	4
93	BWMLSV50093	Rubber Mount	4
94	BWMLSV50094	Hex Head Bolt M5×10	4
95	BWMLSV50095	Hex Head Bolt M8×25	4
96	BWMLSV50096	Hex Head Bolt M8×20	12
97	BWMLSV50097	Spring Washer M8	12
98	BWMLSV50098	Hex Head Bolt M12×35	16
99	BWMLSV50099	Spring Washer M12	2
100	BWMLSV50100	Hex Head Bolt M12×45	5
101	BWMLSV50101	Round Head Square Neck Bolt M12×40	2
102	BWMLSV50102	Wire Rope Clamp	1
103	BWMLSV50103	Hex Head Bolt M12×80	4
104	BWMLSV50104	Engine Mounting Plate	1
105	BWMLSV50105	Roller	1

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Spare parts are available from our dealers and our official website

The logo for BWM Products features the letters 'BWM' in a large, bold, green, italicized sans-serif font. A registered trademark symbol (®) is positioned to the upper right of the 'M'. To the right of 'BWM', the word 'Products' is written in a smaller, green, regular sans-serif font.