PETROL LOG SPLITTER 30 TON

OPERATOR'S MANUAL

MODEL

MODEL NUMBER : BMLS-H30T
SKU 100280

SERIAL NUMBER

PURCHASE DATE

Both model number and serial number may be found on the main label. You should record both of them in a safe place for future use.



FOR YOUR SAFETY

READ AND UNDERSTAND THE ENTIRE MANUAL BEFORE OPERATING MACHINE

Save This Manual for Future Reference
Original Instruction

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INTRODUCTION

Your new Petrol Log Splitter will more than satisfy your expectations. It has been manufactured under stringent quality standards to meet superior performance criteria. You will find it easy and safe to operate, and with proper care, it will give you many years of dependable service.

Carefully read through this entire operator's manual before using your new unit. Pay attention to all cautions and warnings.

This unit is a petrol engine driven hydraulic log splitter. It is designed to split wood logs for use as firewood for a stove or fireplace. This log splitter will only split logs lengthwise with the grain.

Engine Manual

The Engine Manufacturer is responsible for all engine-related issues with regards to performance, power rating, specifications, warranty and service. Please refer to the Engine Manufacturer's owner/operator's manual, packed separately with your unit, for more information.

SPECIFICATIONS

Model #	BMLS-H30T
Splitting Force*	30 ton
Log Capacity	630mm / 25"
Engine	Honda GX200
Displacement	196cc
Starting System	Recoil
Control Valve	Auto Return with Adjustable Detent

Pump Size	2-stage 13/1.8 GPM
Hydraulic Cylinder Bore	115 mm / 4.5"
Hydraulic Cylinder Stroke	610mm / 24"
Hydraulic Rod Diameter	45mm / 1.75"
Cylinder Cycle Time*	12.9 seconds
Hydraulic Oil Required to Fill	23 L / 6.0 Gallon
Replacement Filters	Built-in Filter
Beam	Heavy duty H-shape formed construction
Wedge Size	198mm
Wedge Style	2-way
Rear Wheels	4.80-8, DOT Approved 16" O.D. Road Tyres
Hitch Coupler	2" Ball with Safety Chains
Safety Chains	Standard
Max Towing Speed	25 km/h
Hitch Handle	Standard
Horizontal/Vertical Splitting	Standard
Open Operating Zone	Standard
Weight	262 kg
Dimensions (L x W x H)	2300 x 1220 x 990 mm

* Splitting force and cycle times may vary depending on mechanical and environmental conditions.

SYMBOLS

The rating plate on your machine may show symbols. These represent important information about the product or instructions on its use.



Read these instructions carefully.



Wear eye protection.

Wear hearing protection.



Wear protective gloves.



Wear safety footwear.



Do not remove or tamper with the protection and safety devices.



Don't stand or sit on the log splitter.



Operate the log splitter on level surfaces. Stay off slopes and slippery surfaces.



Do not touch parts that are hot from operation. Serious burns may result.



No smoking, sparks, or flames.



Properly dispose of waste oil!



Keep children and bystanders off and away.



Be sure the engine's switch is off before transporting the machine or performing any maintenance.



Keep hands and fingers away from all pinch points.



Never remove partially split wood from the wedge with your hands. Fingers may become trapped between the split wood.



Keep hands away from moving parts. Moving parts can crush or cut.



Keep feet away from moving parts. Moving parts can crush or cut.



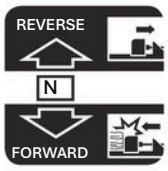
Always keep body and hands away from pin holes or nozzles that eject hydraulic fluid under pressure. Escaping hydraulic fluid can puncture skin and cause blood poisoning.



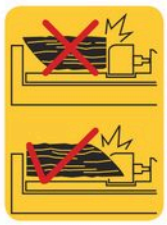
Thrown objects.



Check and fill hydraulic oil.



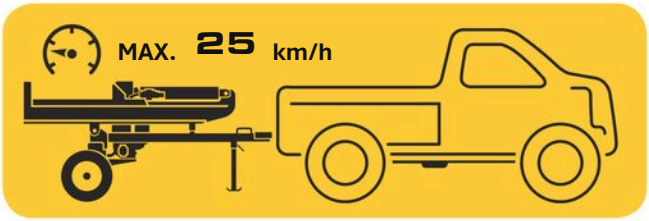
Follow the direction indicated to use the control lever.



For logs that are not cut square, the longest portion of the log should be rotated down and the most square end placed toward the end plate.



Do not transport with objects on the machine.



Maximum towing speed of 25 km/h.

SAFETY

GENERAL SAFETY RULES

Understand Your Machine

Read this manual and labels affixed to the machine to understand its limitations and potential hazards.

Be thoroughly familiar with the controls and their proper operation. Know how to stop the machine and disengage the controls quickly.

Make sure to read and understand all the instructions and safety precautions as outlined in the Engine Manufacturer's manual packed separately with your unit. Do not attempt to operate the machine until you fully understand how to properly operate and maintain the engine and how to avoid accidental injuries and/or property damage.

If the unit is to be used by someone other than original purchaser or loaned, rented, or sold, always provide this manual and any needed safety training before operation. The user can prevent and is responsible for accidents or injuries that may occur to themselves, other people, and property.

Do not force the machine. Use the correct machine for your application. The correct machine will do the job more efficiently and safer at the rate it was designed.

Personal Safety

Do not permit children to operate this machine at any time.

Keep children, pets, and other people not using the unit away from the work area. Be alert and shut off unit if anyone enters work area. Keep children under the watchful care of a responsible adult.

Do not operate the machine while under the influence of drugs, alcohol, or any medication that could affect your ability to use it properly.

Dress properly. Wear heavy long pants, boots, and gloves. Do not wear loose clothing, short pants, or jewellery of any kind. Secure long hair so it is above shoulder level. Keep your hair, clothing, and gloves away from moving parts.

Loose clothes, jewellery, or long hair can be caught in moving parts.

Protect eyes, face, and head from objects that may be thrown from the unit. Always wear safety goggles or safety glasses with side shields when operating.

Wear appropriate hearing protection.

Always keep hands and feet away from all moving parts during operation. Moving parts can cut or crush body parts.

Always keep hands and feet away from all pinch points.

Do not touch parts that might be hot from operation. Allow parts to cool before attempting to maintain, adjust, or service.

Stay alert, watch what you are doing, and use common sense when operating the machine.

Do not overreach. Do not operate the machine while barefoot or when wearing sandals or similar lightweight footwear. Wear protective footwear that will protect your feet and improve your footing on slippery surfaces. Keep proper footing and balance at all times. This enables better control of the machine in unexpected situations.

Inspect Your Machine

Check your machine before starting it. Keep guards in place and in working order. Make sure all nuts, bolts, etc., are securely tightened.

Never operate the machine when it is in need of repair or is in poor mechanical condition. Replace damaged, missing, or failed parts before using it. Check for fuel leaks. Keep the machine in safe working condition.

Do not use the machine if the engine's switch does not turn it on or off. Any petrol powered machine that can't be controlled with the engine switch is dangerous and must be replaced.

Regularly check to see that keys and adjusting wrenches are removed from the machine area before starting it. A wrench or a key that is left attached to a rotating part of the machine may result in personal injury.

Avoid accidental starting. Be sure the engine's switch is off before transporting the machine or performing any maintenance or service on the unit. Transporting or performing maintenance or service on a machine with its switch on invites accidents.

If the machine should start to vibrate abnormally, stop the engine (motor) and check immediately for the cause. Vibration is generally a warning sign of trouble.

Engine Safety

Never start or run the engine inside a closed area. The exhaust fumes are dangerous, containing carbon monoxide, an odourless and deadly gas. Operate this unit only in a well-ventilated outdoor area.

Do not tamper with the engine to run it at excessive speeds. The maximum engine speed is preset by the manufacturer and is within safety limits. See engine manual.

Keep a Class ABE fire extinguisher on hand when operating this log splitter in dry areas as a precautionary measure.

Fuel Safety

Fuel is highly flammable, and its vapours can explode if ignited. Take precautions when using to reduce the chance of serious personal injury.

When refilling or draining the fuel tank, use an approved fuel storage container while in a clean, well-ventilated outdoor area. Do not smoke, or allow sparks, open flames, or other sources of ignition near the area while adding fuel or operating the unit. Never fill the fuel tank indoors.

Keep grounded conductive objects, such as tools, away from exposed, live electrical parts and connections to avoid sparking or arcing. These events could ignite fumes or vapours.

Always stop the engine and allow it to cool before filling the fuel tank. Never remove the cap of the fuel tank or add fuel while the engine is running or when the engine is hot. Do not operate the machine with known leaks in the fuel system.

Loosen the fuel tank cap slowly to relieve any pressure in the tank.

Never overfill the fuel tank. Fill the tank to no more than 1/2" below the bottom of the filler neck to provide space for expansion as the heat of the engine can cause fuel to expand.

Replace all fuel tank and container caps securely and wipe up spilled fuel. Never operate the unit without the fuel cap securely in place.

Avoid creating a source of ignition for spilled fuel. If fuel is spilled, do not attempt to start the engine but move the machine away from the area of spillage and avoid creating any source of ignition until fuel vapours have dissipated.

When fuel is spilled on yourself or your clothes, wash your skin and change clothes immediately.

Store fuel in containers specifically designed and approved for this purpose.

Store fuel in a cool, well-ventilated area, safely away from sparks, open flames, or other sources of ignition.

Never store fuel or a machine with fuel in the tank inside a building where fumes may reach a spark, open flame, or any other source of ignition, such as a water heater, furnace, or clothes dryer. Allow the engine to cool before storing in any enclosure.

Hydraulic System Safety

The hydraulic system of the machine requires careful inspection along with the mechanical parts. Be sure to replace frayed, kinked, cracked, or otherwise damaged hydraulic hoses or hydraulic components.

Hydraulic fluid can result in severe burns. Fluid in the hydraulic system can penetrate skin and result in serious injury or death. Be sure to stop the engine and relieve hydraulic pressure before doing any work on hydraulic parts.

Keep body and hands away from pin holes or nozzles that expel hydraulic fluid when under pressure. Use paper or cardboard, not hands, to search for leaks.

Ensure all hydraulic fluid connections are tight and all hydraulic hoses and lines are in good condition before applying pressure to the system.

Do not remove the cap from the hydraulic tank or reservoir while the machine is running. The tank could contain hot oil under pressure, which could result in serious injury.

Do not adjust the pressure setting on the hydraulic pump or valve.

If injured by escaping fluid, no matter how small the wound is, see a doctor at once. A typical injection injury may be a small wound that does not look serious. However, severe infection or reaction can result if proper medical treatment is not administered immediately by a doctor who is familiar with injection injuries.

SPECIFIC SAFETY RULES

Preparation Of The Log

Both ends of the log should be cut as square as possible to prevent the log from rotating out of the splitter during operation.

Never split logs greater than the specified log capacity.

Do not operate the log splitter on icy, wet, muddy, or slippery 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 the equipment, which could result in injury.

Do not move the log splitter over hilly or uneven terrain without a tow vehicle or adequate help.

Keep the work area free of clutter. Remove split wood from around the log splitter immediately after each use to avoid potential tripping.

Operator Zone

This unit is designed to be operated by one person located in the operator zone as shown in the following diagrams.

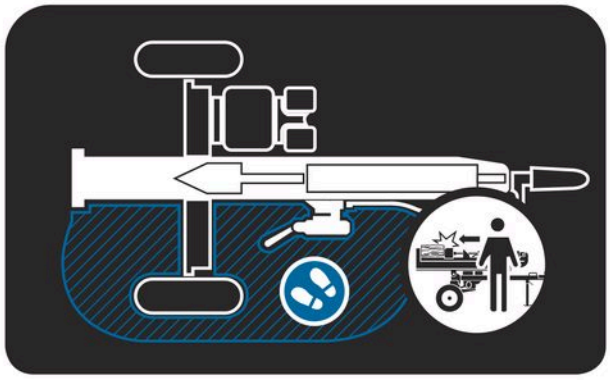
Operate the unit only when standing in the operator zone.

Always stop the unit and allow moving parts to stop before leaving operation zone. Do not leave a running unit unattended.

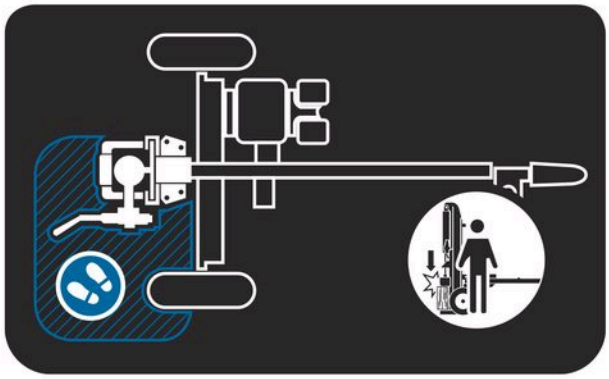
Many accidents occur when more than one person operates the log splitter.

The adult who loads and stabilises the log must be the person who operates the control handle.

Horizontal Operating Position



Vertical Operating Position



Machine Use And Care

Never operate the machine without good visibility or light.

Never attempt to split wood across the grain. The log splitter was not designed for cross-grain splitting.

Always block the front and back of both wheels to prevent unintended movement.

Hold the bark side of the logs when loading or positioning, never the ends. Never place your hands or any part of your body between a log and any part of the log splitter.

Do not straddle or step over the log splitter during operation.

Do not reach or bend over the log splitter to pick up a log.

When stabilising a log with the left hand, remove your hand when the wedge contacts the log or serious injury may occur.

Never attempt to split more than one log at a time.

Do not attempt to load your log splitter when the ram or wedge is in motion.

Use your hand to operate the control lever on the valve. Do not use your foot, a rope, or any extension device.

Do not move the log splitter while the engine is running.

Towing Safety

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

Before towing the log splitter, check tyres for excessive wear, cuts, or damage. Check for proper tyre inflation. Add air as required. Do not over inflate tyres. Serious injury can result if tyres explode.

Check before towing to make sure the log splitter is correctly and securely attached to the towing vehicle and the safety chains are secured to the hitch or bumper of the vehicle with enough slack to allow turning.

Make sure the coupler is tight before towing and after towing 50 kms.

Never transport cargo on the log splitter.

Never allow anyone to ride or sit on the log splitter.

Always stop the engine, lock the beam in the horizontal position, and close the fuel shut-off valve when transporting the unit.

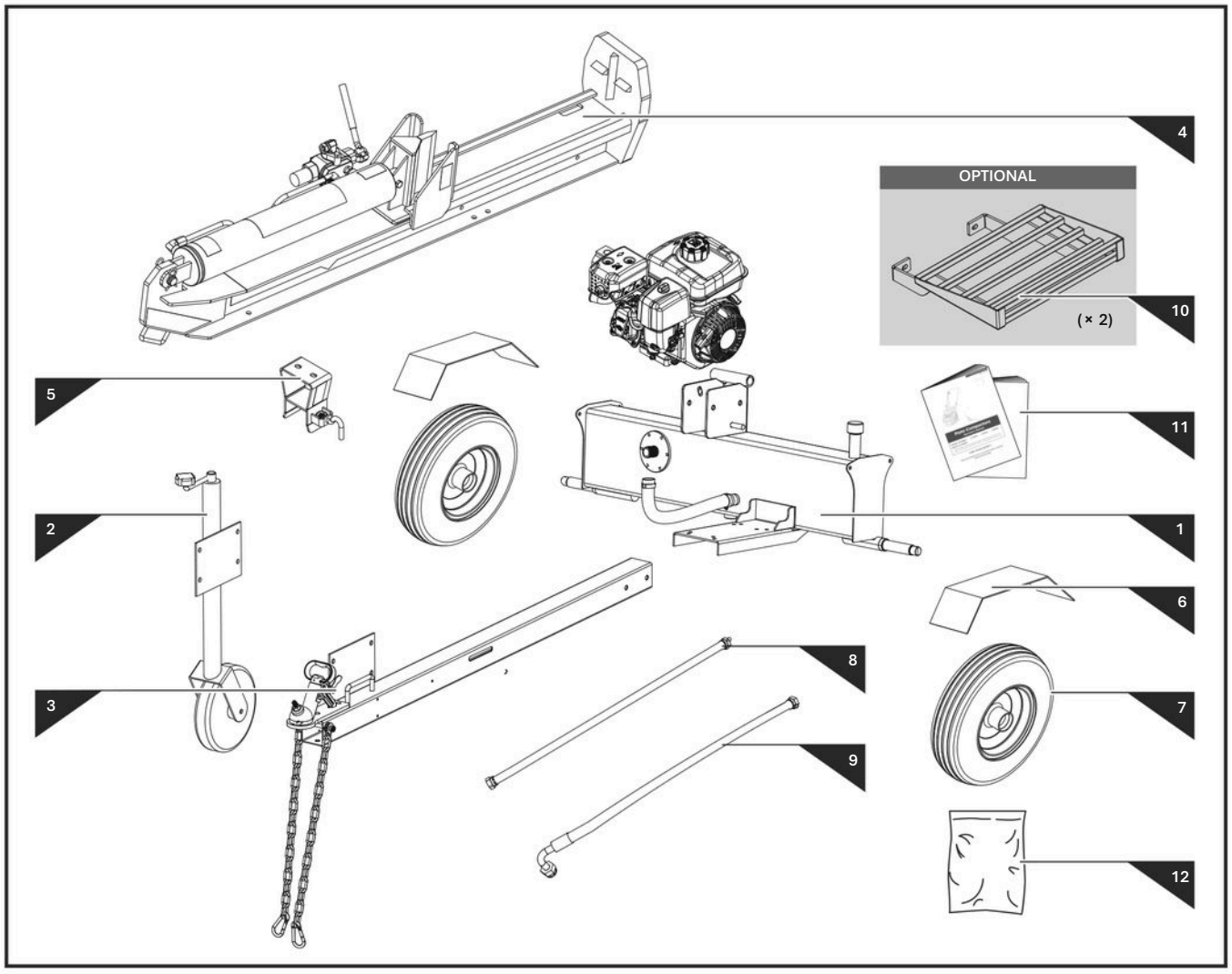
Use extra care when towing the log splitter. Do not exceed 25 km/h. Towing the log splitter at a speed greater than 25 km/h could result in loss of control, damage to the equipment, serious injury, or death.

Avoid sharp turns and steep angles. Avoid large holes or ditches when towing the equipment. Always be careful when backing up with your log splitter when towing; it could jackknife. Use caution when backing up; a spotter outside the vehicle is highly recommended. Disconnect the log splitter from the towing vehicle before operating it.

CONTENTS SUPPLIED

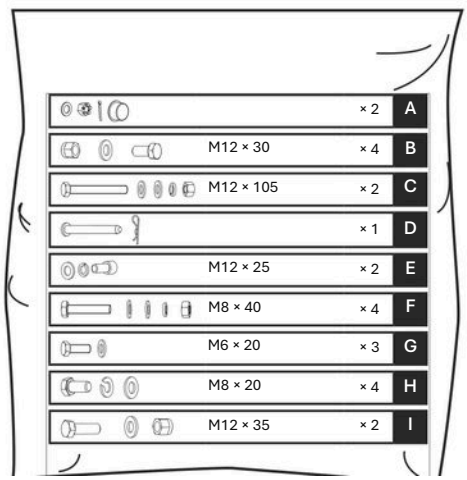
Your log splitter comes partially assembled and contains the following:

Heavy lifting required. Some of the components in these assembly instructions are heavy and can't be lifted by one person safely. Please plan to assemble this product when another person can be available to help.



1. Tank & Engine
2. Stand
3. Tongue
4. Beam & Cylinder
5. Beam Lock Bracket
6. Wheel Fender
7. Wheel/Tyre
8. High-Pressure Oil Line Tube
9. Oil Return Line Tube
10. Log Catcher Kit (Optional)
11. Operator's Manual and Engine Manual

12. Hardware Kit, Including:

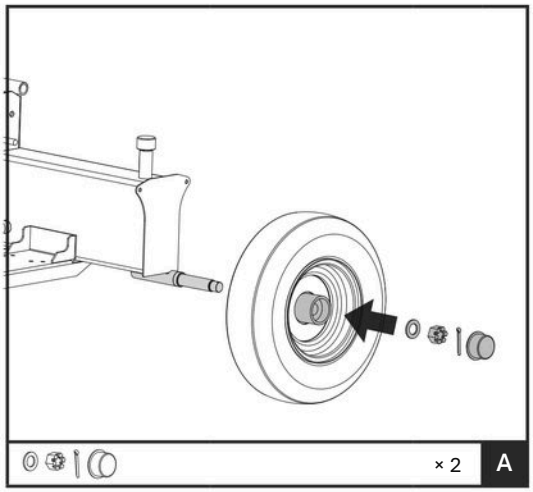


ASSEMBLY

This log splitter was partially assembled at the factory. To assemble your machine follow the below instructions.

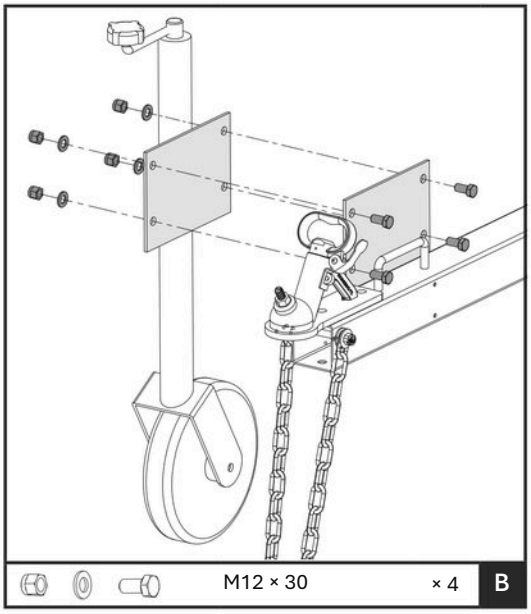
Wheels

1. Remove disposable spindle covers and wheel bearing covers.
2. Slide Wheel/Tyre to the spindle with valve stem of tyre facing outwards. Install the Flat Washer onto the spindle. Thread the slotted Castle Nut onto the spindle. The slotted nut should be attached with a 28mm socket tight enough to eliminate the free-play of the wheel assembly and not tighter. Make sure the wheels can freely rotate. The Castle Nut needs to be oriented to allow for the installation of the Cotter Pin. Install the Cotter Pin through the Castle Nut and spindle. Bend pin ends around spindle to secure its position. Install the Hub Cap. Gently tap on the hub cap with a hammer to drive it into place. Repeat these steps to install the 2nd wheel.



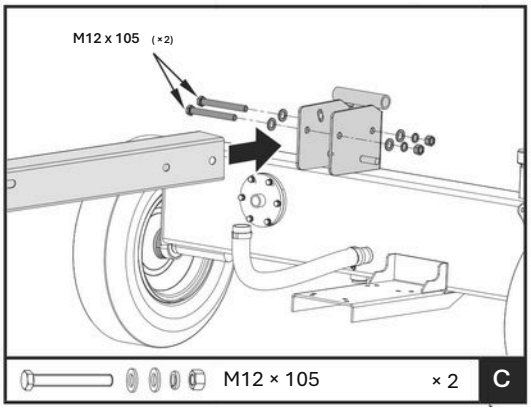
Installation of the cotter pin is important and required. Failure to install the cotter pin can result in loss of wheel retention. Always assemble using a new cotter pin. Do not reuse.

1. Place the Jockey wheel into position and align the holes.
2. Fix the Jockey wheel in place with the M12x30 bolts, flat washers and nuts in four places.



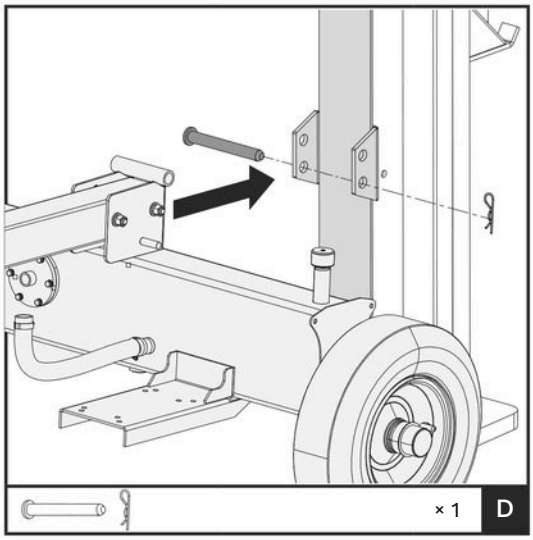
Tank & Tongue

1. Rotate the Jack into the down position.
2. Position the tongue so that the mounting holes align with the holes in the tank's tongue mount.
3. Insert a M12x105 bolt with a flat washer into the each of the two holes, install a flat washer, lock washer, nut on each bolt and tighten.

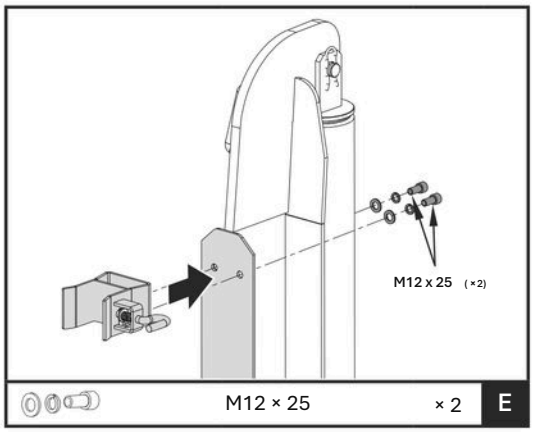


Beam and Tank

1. Using two people or a suitable lifting device, stand the beam assembly vertically as shown, making sure the beam is on a stable and level surface.
2. Move the tank/tongue assembly into position, aligning the pivot tube located on the tank assembly with the holes located on the two tabs that are on the beam.
3. Slide the pivot pin through both of the holes and fasten with the R-clip.



4. Fasten the beam lock in place using the bolt M12x25 with the lock washer and flat washer in two places.

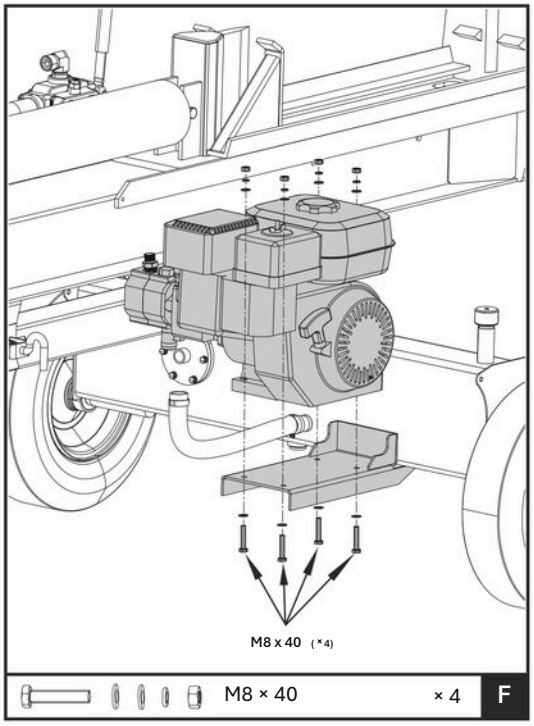


5. Lower the beam into horizontal position and verify the beam locks onto the tongue.

> ⚠ **Have a person stabilise the beam until it is secured to the tank/ tongue assembly.**

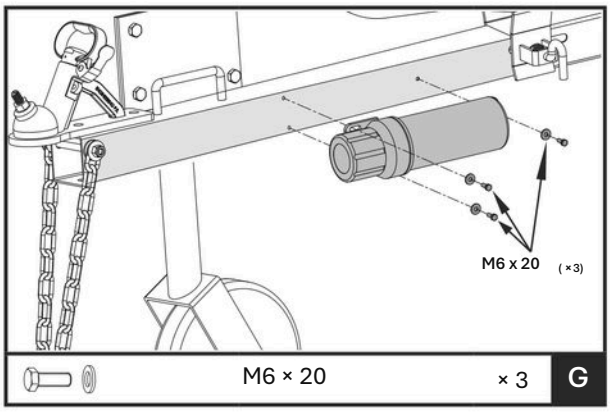
Engine Assembly

1. Place engine/pump assembly onto the engine mount bracket, aligning the installation holes.
2. Secure the engine/pump assembly onto the bracket with the supplied hardware as shown.



Manual Canister

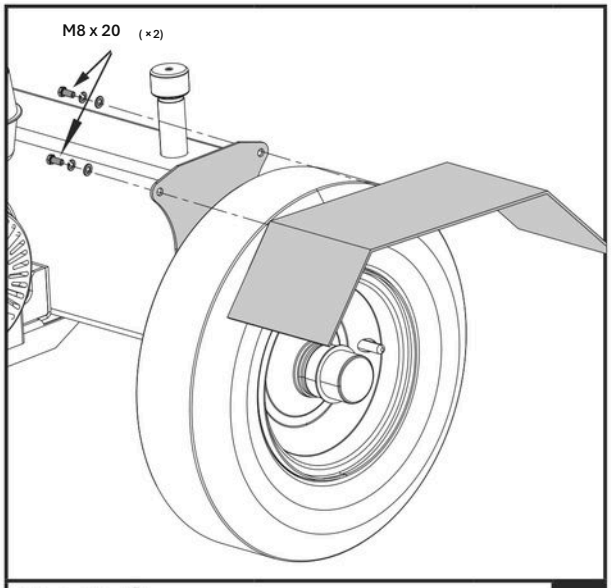
1. Remove the cap from the manual canister. Align the holes in the manual canister with the holes in the tongue. Insert and tighten bolts and washers. Put the cap back on the canister.



M6 × 20	× 3	G

Wheel Fender

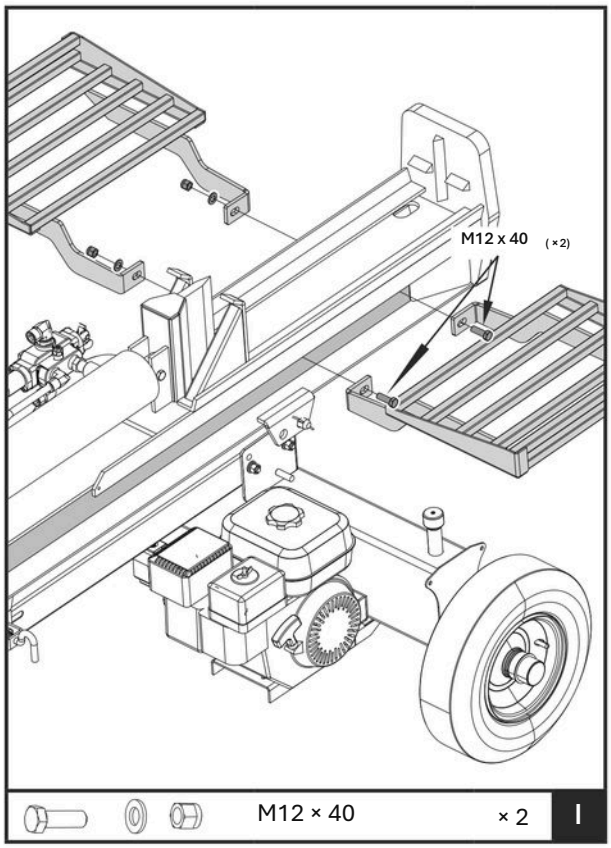
1. Place the wheel fender into position, aligning the holes on the fender with the holes on the mount bracket.
2. Secure the wheel fender into its position with the bolt M8x20, lock washer and flat washer in two places.
3. Following the same step install the other wheel fender.



M8 × 20	× 4	H

Log Catcher

1. Align holes in log catchers with holes in the beam, secure the log catchers into its place with the provided hardware.



M12 × 40	× 2	I

Hydraulic Line Connection

1. Connect Suction Hose to Pump

Oil already filled in the tank, lift the end of the hose up to avoid oil leakage, then remove the plastic cap and loosen hose clamp.

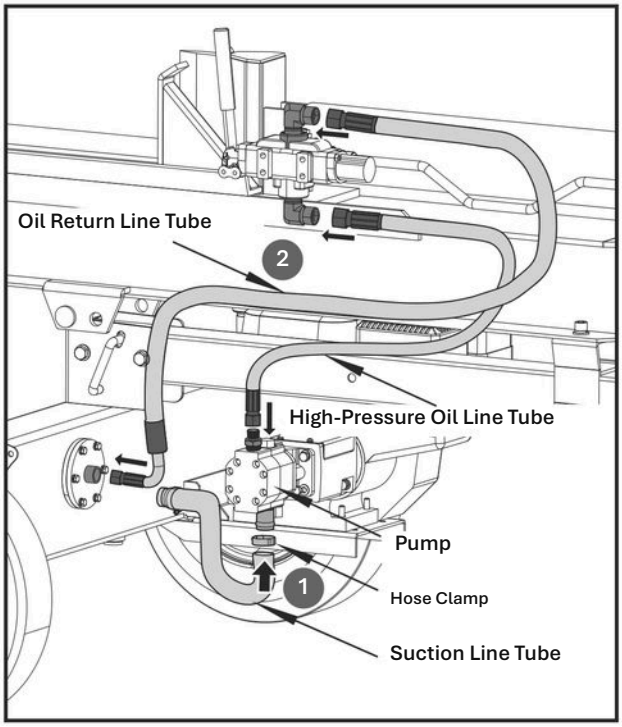
Slide suction hose onto the suction tube located on the bottom of the hydraulic pump. Secure the connection with hose clamp with a flat screwdriver.

2. Connect High Pressure Hose and Oil Returned Hose

a. Apply Teflon tape or pipe sealant onto hose fittings.

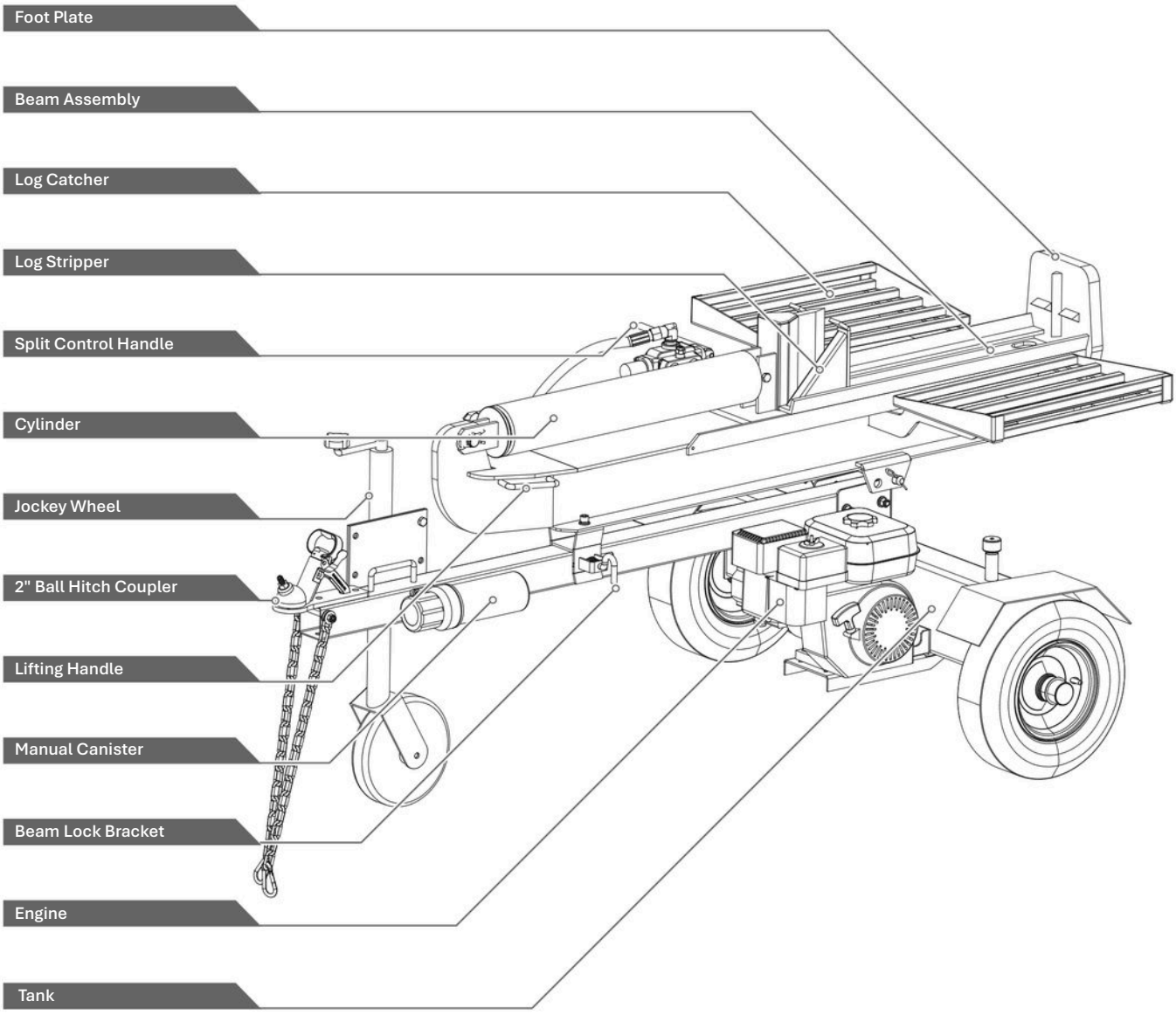
b. Attach the 90 degree end of the oil returned hose (the long one) to the round filter cover on the tank; attache the other end of this hose to the fitting on the top of the valve, tighten the connections.

c. Attach one end of the remaining hose to the fitting on top of the pump and the other end to the fitting on the bottom of the valve, tighten the connections.



KNOW YOUR MACHINE

FEATURES AND CONTROLS



Split Control Handle

The control handle is used to move the wedge up and down to split logs. The control handle has three positions: Forward, Neutral, and Reverse. See the "operation" section for instruction.

Manual Canister

Keep manuals safely in the canister.

Beam Lock Bracket

The beam lock bracket is used to secure the beam in the horizontal position.

Lifting Handle

The lifting handle is included for easy transition from horizontal to vertical.

2" Ball Hitch Coupler

The coupler hitch is at the end of the tongue and attaches to a tow ball for transportation purposes.

Log Stripper

The log stripper is designed to remove any partially split wood from the wedge. This may occur while splitting large diameter wood or freshly cut wood.

Log Catcher

A log catcher can be mounted to the beam in minutes. It is used to hold a split log.

Beam Lock Bracket

Pull outward the lock pin and lift up the lifting handle to transit the beam position from horizontal to vertical.

Engine

Refer to the Honda GX200 USER MANUAL.

OPERATION

Many accidents occur when more than one person operates the log splitter.

If a helper is assisting in loading logs to be split, never operate the controls until the helper is clear of the area.

The hydraulic reservoir should be filled with hydraulic fluid before starting or operation

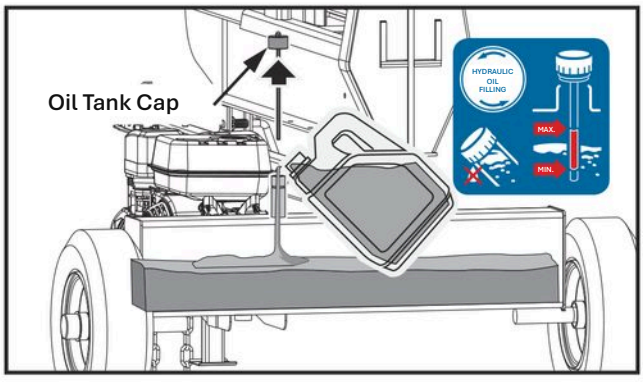
Add Hydraulic Oil To Oil Tank

1. Make sure the log splitter is on a flat, level surface.
2. Remove the oil dipstick from the oil tank.

Never remove the hydraulic oil dipstick when the engine is running or hot. Hot oil can escape causing severe burns. Allow the log splitter to cool completely before removing the hydraulic oil dipstick.

3. The recommended hydraulic oil type:

10W AW32
ASLE H-150
ISO 32



4. Make sure the hydraulic oil level reaches the upper line of the dipstick.

> **Completely install the dipstick when checking oil level.**

5. Start the engine and use the control valve handle to extend and retract the wedge five times to remove air from the high pressure lines.

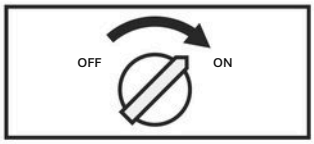
6. With the wedge retracted and engine off, check the oil level again. Fill if necessary.

7. Cycle the cylinder again until it has a constant speed. This indicates that all air has been expelled.

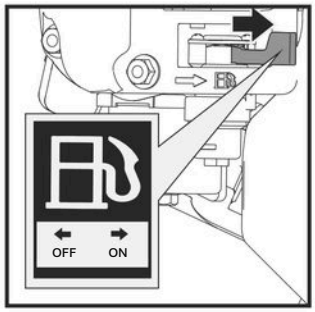
Starting Engine

1. Make sure the control lever is in the neutral position.

2. Move the engine switch to the ON position.

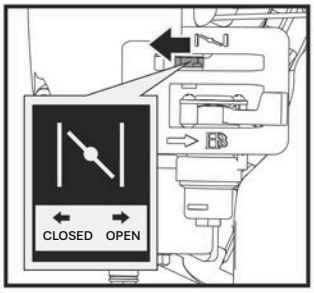


3. Open the fuel shut-off valve.

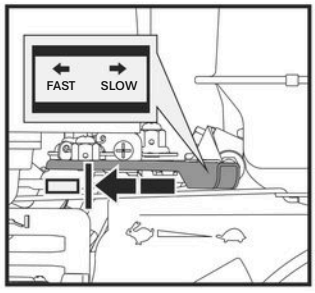


4. Move the choke lever to the CLOSED position.

If the engine is hot, closing the choke is not necessary.



5. Move the throttle lever slightly to the FAST speed.



6. Pull the recoil starter until engine compression has become difficult to pull. Let the recoil return to the home position, then pull quickly to start the engine. Repeat steps as needed. Fully open the choke and set the throttle to the FAST position, before operating the unit.

> **Rapid retraction of the starter cord (kickback) will pull your handand arm toward the engine faster than you can let go. Broken bones, fractures, bruises, or sprains could result.**

Stop Engine

Return the cylinder to fully retracted position or home position. Move the Throttle lever to SLOW ( ). Move the engine switch to OFF. Close the fuel shut-off valve ( ).

> **Sudden stopping at a high speed under a heavy load is not recommended. Engine damage may result.**

Split Control Handle

Forward position – Move the lever in this direction to extend the cylinder toward the foot plate. Keep pressure on the lever until the log splits. The lever does not lock in this position. Release as soon as the log is split or the cylinder is fully extended.

> **Never operate through the relief valve for more than 5 seconds.**

The splitter wedge is designed to reach the full extension before contacting the foot plate.

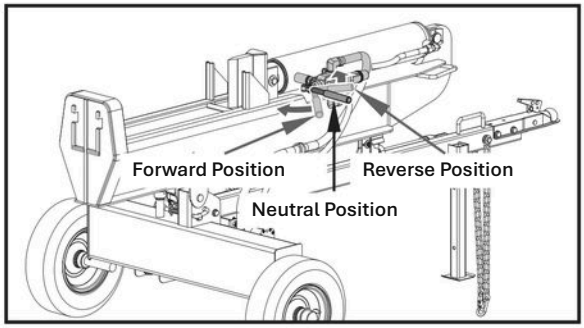
To extend the life of the hydraulic cylinder, avoid "bottoming out" the wedge plate to the foot piece. To conform with industry safety recommendations, the wedge stops 1.5 inches from the end of the stroke.

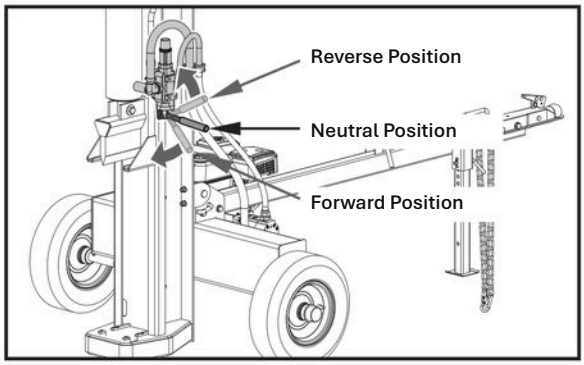
> **Cracks in logs can close quickly and pinch fingers. Keep fingers away from any cracks that open in partially split logs.**

Neutral position – In this position the cylinder does not move even though the engine is running.

Reverse position – Move the lever in this position to retract the cylinder. Push the lever fully in this direction to lock it return mode. The lever will automatically return to the neutral position once the cylinder fully retracts.

Keep hands and fingers away from the splitter wedge and log stripper during cylinder retraction.





Stuck Log Procedure

If a log does not split completely and becomes stuck on the wedge, never attempt to remove it by modifying the splitter or adding attachments to the splitter.

Move the control lever to the Reverse positon and allow the cylinder to retract until the stuck log contacts the stripper plates. Continue to retract the cylinder until the log is dislodged from the wedge.

Do not use the unit if the stripper plates are bent or damaged. Bent or damaged stripper plates must be repaired or replaced before use.

TRANSPORTING

Moving By Hands

The log splitter is heavy. It can crush and cause serious injury if it rolls out of control or tips over.

Follow the instructions below for safely moving the log splitter.

1. Make sure the log splitter is locked in the horizontal position with latch rod before moving.

Make sure the log splitter engine is off. Never move the log splitter with its engine running.

2. Turn the fuel shut-off valve to the OFF position. This prevents carburettor flooding and reduces the chance of fuel leakage. Refer to the engine manual for fuel valve location.
3. Lock the support leg in the DOWN position before you move the log splitter.
4. Move the log splitter by hand to desired work site.

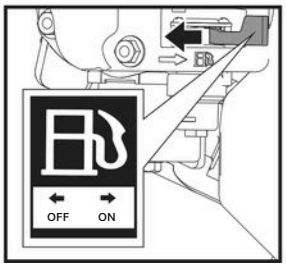
Never operate through the relief valve for more than 5 seconds.

Never allow anyone to sit or ride on the log splitter.

Never transport cargo or wood on the log splitter.

Towing by vehicle

1. Turn the fuel shut-off valve off. This prevents fuel from flooding the engine.



2. Check the tyres to ensure they are fully inflated to 30 PSI for proper functionality.

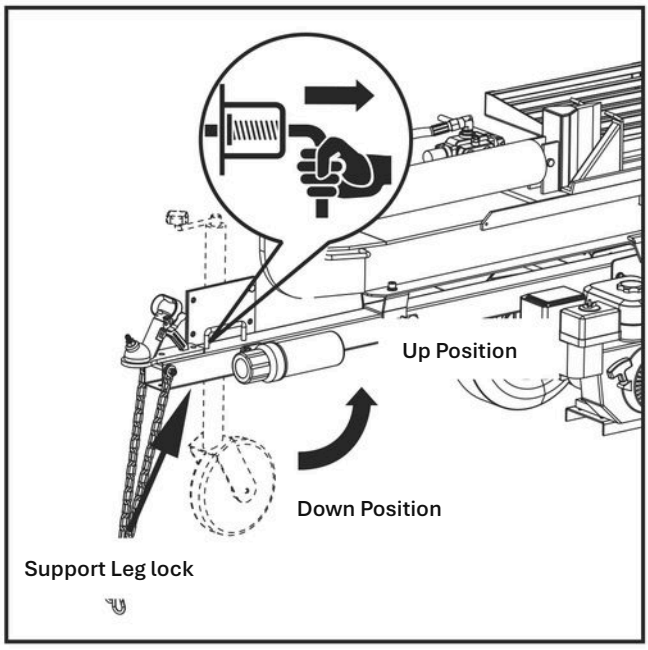
> ⚠ Do not overinflate tyres. Serious injury can occur if tyre explodes.

> ⚠ When seating a bead after repair, do not exceed 30 PSI. Pressures higher than 30 PSI can cause the tyre and wheel to rupture and explode.

3. Make sure hitch is in good working order.

4. Check safety chains. Two safety chains must be used while towing. Cross safety chains under the coupler, allowing only enough slack for vehicle turns.

5. Pull out the lock lever and put the jockey wheel in the UP position, then release the lever and make sure the leg is secured.



6. Tow the log splitter carefully to desired work site.

> ⚠ Be aware of the added length of the splitter.

> ⚠ Never tow this log splitter over 25 km/h. Faster speeds may result in loss of control.

> ⚠ Drive slowly and take extra caution when travelling over rough terrain.

> ⚠ If towing on a public road, make sure to comply with all local, state, and federal towing requirements. It is the sole responsibility of the purchaser to obtain licensing, trailer lights, safety chains, or signage as needed to comply.

> ⚠ Turn off the towing vehicle before leaving the splitter unattended.

7. Lock the jockey wheel in the DOWN position and disconnect from vehicle.

> ⚠ Never operate the log splitter while it is attached to the vehicle.

MAINTENANCE

Inspect and maintain the log splitter before each use. If the log splitter has been used previously, it must be inspected and maintained before each subsequent use.

Always shut off the engine and relieve system pressure before inspecting, cleaning, adjusting, or repairing the splitter. Relieve system pressure by moving the split control lever back and forth several times.

Remove debris from the engine, muffler, and moving parts. Debris on a hot engine can be a fire hazard. Clean debris and chaff from the engine cylinder head, cylinder head fins, blower housing rotating screen, and muffler areas.

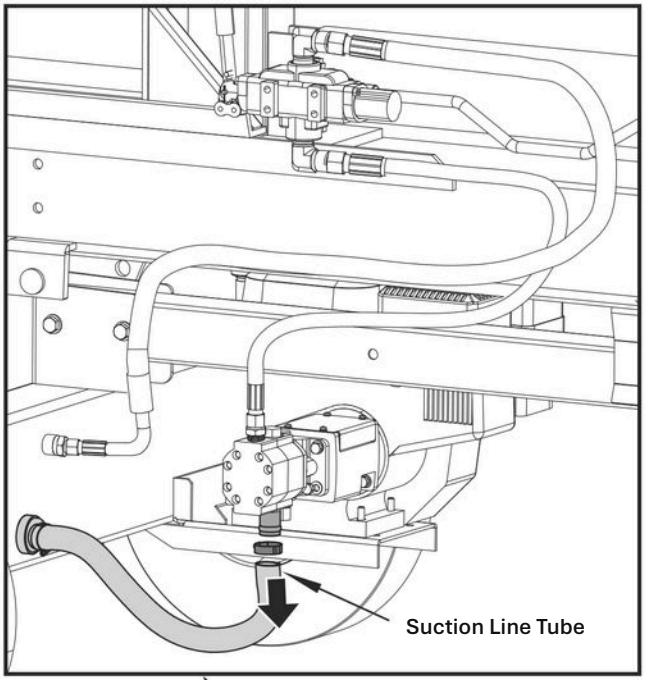
Avoid contact with hot muffler.

Debris on moving parts can cause excess wear. Clear debris from the slide beam, wedge, and end plate.

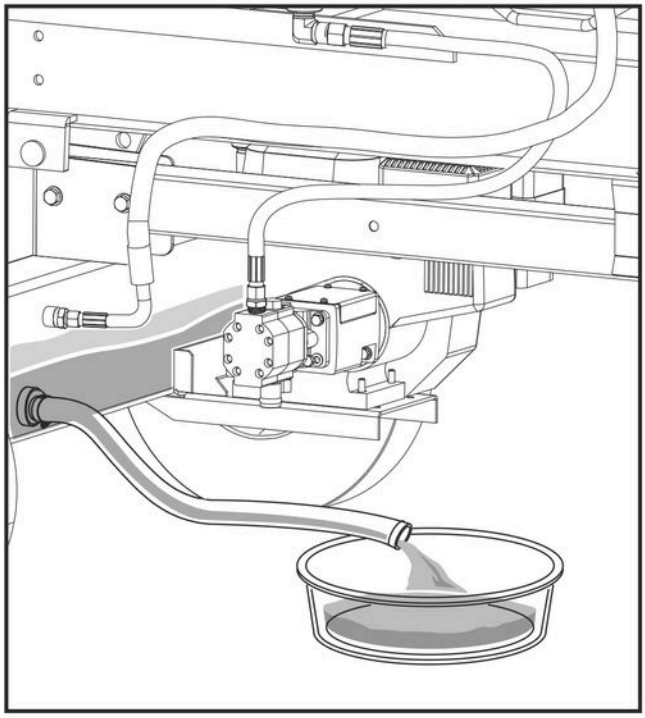
Oil Draining

Use a drain pan to aid in the removal of all used oil and particles.

1. Disconnect the suction line tube from the pump by loosing the hose clamp.



2. Drain oil from the suction line tube.
3. After oil has been completely drained from the machine, reattach the suction line tube to the pump.



STORAGE

Follow the instructions below for storing your log splitter between uses.

1. Retract the wedge completely to keep the rod protected from corrosion.
2. Allow the machine to cool 5 minutes before storing.
3. Clear the debris from the beam, wedge, and end plate. Use a damp cloth to clear exterior surfaces of the engine and log splitter. Use a soft bristle brush to remove excess dirt and oil. Use an air compressor (25 PSI) to clear dirt and small debris. Wipe the beam, wedge, and all metal parts with an oil rag to prevent corrosion.

Never spray the engine or log splitter with a pressure washer. Water can contaminate the fuel system and can enter the engine and damage the engine.

4. Refer to the engine manual for proper engine storage instructions.

Fuel can become stale when stored over 30 days. Stale fuel can cause acid and gum deposits that form in the fuel system or on carburettor parts. For engine fuel that is stored less than 30 days, add a fuel stabiliser to keep the fuel fresh. Turn the fuel valve lever to the off position. If fuel is stored over 30 days, then drain the fuel tank as stated in the engine manual.

Always drain fuel from the tank in an outdoor, well-ventilated area.

Stay away from sources of heat, flame, or sparks while handling fuel.

Clean up fuel spills immediately.

5. Store the log splitter in a location away from corrosive materials, sources of heat, open flames, sparks, or pilot lights.

Never store the log splitter inside where there is a source of heat or an open flame, spark, or pilot light, such as a water heater, space heater, furnace, clothes dryer, or other gas appliance. EVEN IF the log splitter's fuel tank is empty, residual fuel vapours could ignite.

Never store the log splitter near fertilizer or any other corrosive material.

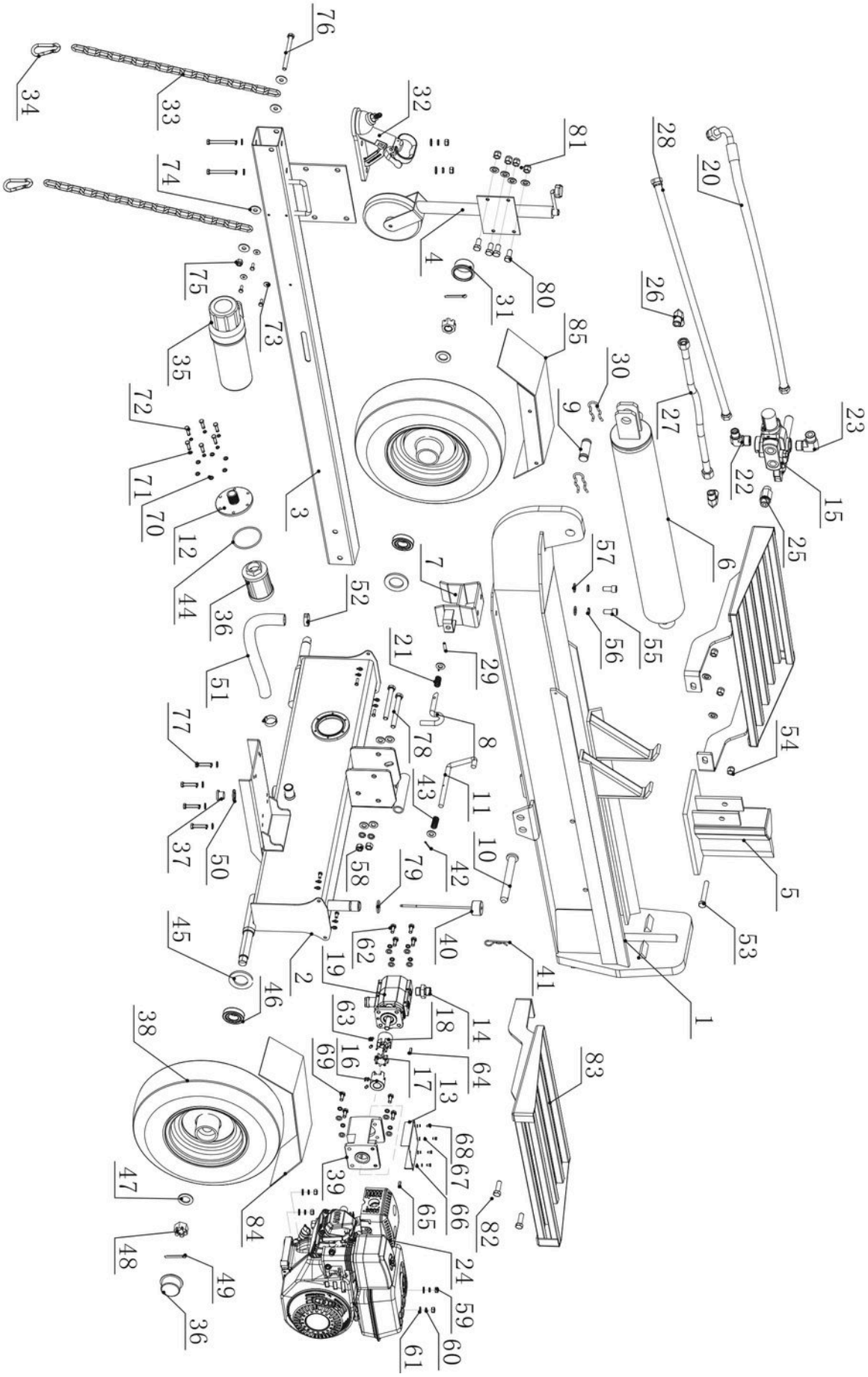
6. Store petrol in a cool, dry place in a tightly sealed container.

Fuel vapours can ignite if they collect inside an enclosure and explosion can result.

TROUBLE SHOOTING

Problem	Cause	Remedy
Wedge movement is slow or erratic	1. Air in the hydraulic oil system 2. Debris lodged in beam guides 3. Low hydraulic oil	1. Purge air by extending and retracting the wedge several times until motion is smooth 2. Clear debris from beam 3. Check oil level and add as needed
Oil leak from cylinder	1. Faulty cylinder rod seal 2. Scored or bent cylinder rod 3. Loose hydraulic fitting 4. Faulty combination washer seal on cylinder hydraulic fitting	1. Contact customer service 2. Contact customer service 3. Tighten hydraulic fitting 4. Contact customer service
Oil leak from hose connection	Loose hose clamp or hydraulic fitting	Tighten hose clamp or hydraulic fitting
Wedge will not extend or retract	1. Faulty control valve 2. Faulty hydraulic pump 3. Low hydraulic oil	1. Contact customer service 2. Contact customer service 3. Check oil level and add as needed
Wedge does not auto-return	1. Low hydraulic oil 2. Faulty control valve	1. Check oil level and add as needed 2. Contact customer service
Excessive bouncing while towing	Underinflated	Inflate tyres to proper pressure
Control valve handle does not return to neutral when released from forward position	1. Hydraulic oil too cold 2. Hydraulic oil too thick 3. Hydraulic oil contaminated 4. Faulty control valve	1. Warm up engine 2. Replace hydraulic fluid 3. Replace hydraulic fluid 4. Contact customer service
Engine will not start	1. Engine switch in OFF position 2. Fuel shut-off valve in OFF position 3. Fuel tank empty 4. Spark plug disconnected 5. Faulty spark plug 6. Choke lever in wrong position 7. Faulty engine 8. Not enough oil in engine	1. Move switch to ON position 2. Move valve to ON position 3. Fill fuel tank with fuel 4. Connect spark plug 5. Replace spark plug 6. Adjust choke lever position 7. Contact customer service 8. Add the recommended oil amount as per Honda Engine manual

PARTS SCHEDULE



PARTS LIST

No.	Description	Qty
1	Beam	1
2	Tank	1
3	Tongue	1
4	Jockey Wheel	1
5	Wedge	1
6	Cylinder	1
7	Beam Lock Bracket	1
8	Beam Lock Pin	1
9	Cylinder Lock Pin	1
10	Pivot Pin	1
11	Hitch Pin	1
12	Filter Outer Flange	1
13	Pump Bracket Cover	1
14	Pump Fitting	1
15	Valve	1
16	Jaw Coupler Assembly - Right	1
17	Jaw Spider Coupler	1
18	Jaw Coupler Assembly - Left	1
19	Pump	1
20	Oil Return Hose	1
21	Spring	2
22	Valve Inlet Right Angle Fitting	1
23	Valve Outlet Right Angle Fitting	1
24	Engine	1
25	Valve Joint with Cylinder	1
26	Tube Fitting	2
27	Tube	1
28	High Pressure Hose	1
29	Pin 3x25	2
30	Clevis Pin	2
31	Wheel Cover	2
32	Coupler	1
33	Safety Chain	2
34	Safety Clasp	2
35	Manual Canister	1
36	Filter	1
37	Oil Drain Plug	1
38	Tyre	2
39	Pump Bracket	1
40	Dipstick	1
41	R Pin	1
42	Cotter Pin 3x30	1
43	Spring	1

No.	Description	Qty
44	O Ring D81x3.1	1
45	Anti-Dust Washer	2
46	Bearing	4
47	Flat Washer Ø22	2
48	Castle Nut	2
49	Cotter Pin 4x50	2
50	Washer Groupware	1
51	Suction Hose	1
52	Clamp 25-38	2
53	Bolt M14x90	1
54	Lock Nut M14	1
55	Socket Head Cap Screws M12x25	2
56	Lock Washer Ø12	4
57	Flat Washer Ø12	14
58	Nut M12	4
59	Nut M8	4
60	Lock Washer Ø8	16
61	Flat Washer Ø8	20
62	Bolt M8x20	8
63	Set Screw M6x8	4
64	Key 3x25	1
65	Key 3/16x30	1
66	Flat Washer Ø4	4
67	Lock Washer Ø4	4
68	Screw M4x8	4
69	Bolt 5/16-24UNFx25	4
70	Flat Washer Ø6	6
71	Lock Washer Ø6	6
72	Bolt M6x16	9
73	Flat Washer Ø6	3
74	Washer Ø10	4
75	Lock Nut M10	2
76	Bolt M10x110	1
77	Bolt M8x40	4
78	Bolt M12x110	4
79	O Ring D32x3.5	1
80	Bolt M12x30	4
81	Lock Nut M12	6
82	Bolt M12x40	2
83	Log Catcher	2
84	Wheel Fender - Right	1
85	Wheel Fender - Left	1

BULLMAX LOG SPLITTER WARRANTY

BMLS-H30T

The BULLMAX log splitter has a **3-year Honda engine warranty** and a BULLMAX **2-year parts warranty** . Bullmax undertakes as its option to repair and replace free of charge each product or part thereof on the following conditions.

The warranty is valid from the date of purchase and when the machine is used in accordance with the information supplied in the instruction manual. (please keep proof of purchase)

The Bullmax warranty **DOES NOT** cover the following:

- Normal wear and tear.
- Commercial use.
- Damaged caused due to failing to follow the safety and operating instructions, which includes lack of maintenance, cleaning, and care of the log splitter.
- Parts that may need to be replaced due to normal wear and tear and lack of maintenance.
- Incorrect usage and negligence which causes damage to the machine.
- Altering or modifying the log splitter.
- Use of unsuitable parts used for repairs that were not conducted by an authorised Bullmax repairer.
- Using the log splitter in an unsuitable environment and not for the purpose it was intended.
- Unsuitable transportation of the log splitter involved in an accident or not securely properly when transported to avoid damage in transit.
- Log splitter not stored correctly when not in use

How to make a claim

If a fault has occurred within the warranty period the consumer can make a claim, by adhering to the following:

- Stop using the log splitter immediately to avoid further damage to the machine.
- Contact Bullmax at info@bullmax.com.au or alternatively by contacting the place of purchase.

Our goods come with guarantees that cannot be excluded under Australian Consumer Law. You are entitled to have the goods repaired, replaced or a refund for a major failure.

If you need assistance with your log splitter, please contact our service department:

BULLMAX PTY LTD.

917 GARLAND AVENUE

LAVINGTON

NSW. 2641

Email: info@bullmax.com.au

Phone: 1300 797 675

Website: www.bullmax.com.au

Bullmax
TOUGH TOOLS & EQUIPMENT

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Bullmax Pty Ltd
917 Garland Avenue, Lavington NSW 2641
1300 797 675 | info@bullmax.com.au | www.bullmax.com.au
Bullmax SKU 100280 (BMLS-H30T-2)