

# RedGum 25000

## SUPER V Lifter-Splitter

Special Edition

Powered by Honda

### Owner's Manual



## RedGum LOGSPLITTERS

### Product Description & Intended Purpose:

This Log Splitter / Wood Splitter is an outdoor product that splits wood logs for use as fuel in a fireplace or a woodstove.




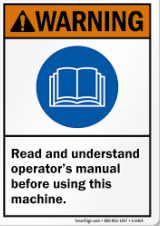






**WARNING:** All operators must read this manual, before operating this RedGum Splitter.

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## IMPORTANT SAFETY INFORMATION

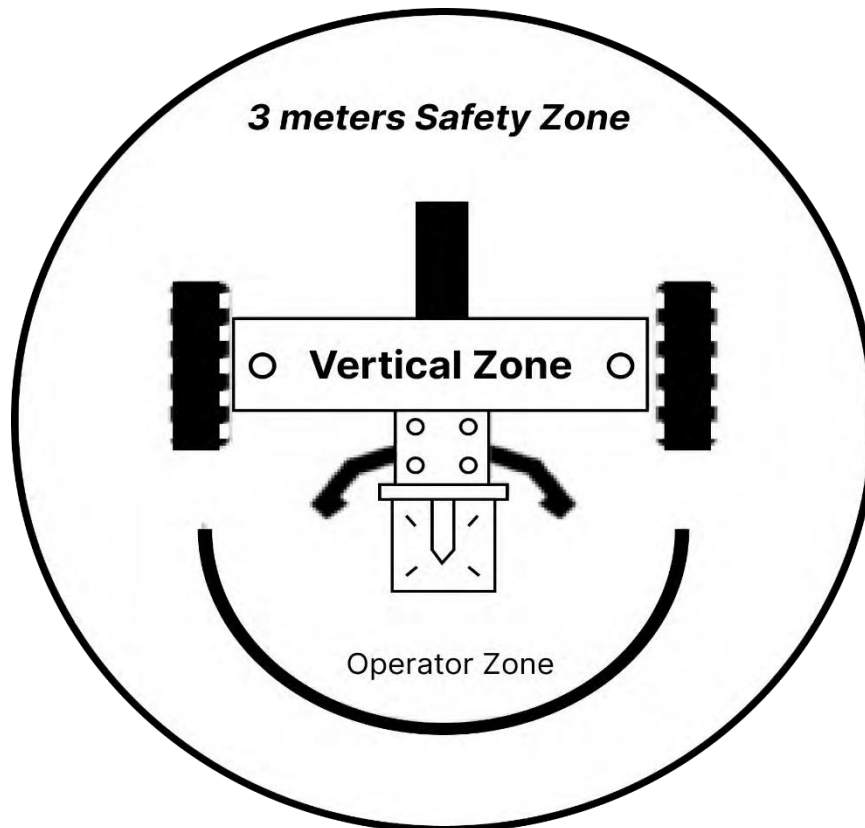
	<p><b>WARNING</b> Improper, unsafe or reckless use of this machine could result in severe personal injury to the operator and bystanders.</p> <p><b>This machine operates with high pressures and natural occurring wood has inherent variable characteristics that may result in changing outcomes.</b></p>
	<p><b>Read this manual completely.</b></p> <ul style="list-style-type: none"> <li>- Serious injury or death can result if safety instructions are not followed.</li> <li>- Everyone who operates this log splitter must read and completely understand all safety rules, operating instructions, and maintenance instructions.</li> <li>- You must be 18 or older to operate this machine and in sound mind, free of the influence of medication, drugs or alcohol. Keep untrained people away.</li> </ul>
1	This is a one person machine. Never allow bystanders to interfere with the operation and keep an exclusion zone of 3.0m around the machine while in operation
2	Read the owner manual thoroughly and fully understand the machines operation. Any questions or clarification must be directed to your supplier
3	Do not make any modifications to the machine. If the machine has been found to be modified or tampered with in any way STOP. Have the machine inspected by authorised person (eg. Dealer, supplier or qualified person)
4	Do not operate this machine if you are affected by alcohol, drugs or fatigued.
5	Always wear the appropriate Personal Protective Equipment that includes but not limited to, Safety boots, Safety glasses, suitable gloves and appropriate clothing.
6	Check machine before operation for loose bolts, fittings and worn parts. Rectify before operation commences.
7	Check fuel and oil levels
8	When towing the machine, keep below 10 kph. Drive to conditions and avoid holes and rocks that may cause the machine to tip. Not for Highway use.
9	Operate the machine on level ground with a suitable cleared area to avoid congestion and tripping hazards
10	Do not exceed the lifting capacity of the machine
11	Ensure the block is sitting firmly on the table prior to splitting.
12	Read and follow the risk assessment at the end of this manual.

	<p style="text-align: center;"><b>WARNING!</b></p> <p>WARNING Read and thoroughly understand all instructions contained in this operation manual before operating this RedGum Splitter. Serious injury or death can result if safety instructions are not understood or followed. If you wish to discuss this log splitter's operational procedures after reading this manual, please call our Customer Service on 1300 039 251, available Monday to Friday, from 9AM to 5PM AEDT.</p> <p>You must be 18 or older to operate this machine and in sound mind, free of the influence of medication, drugs or alcohol. Keep untrained people away.</p>
	<p>Crush hazard. The Crush Hazard Zone is between the Splitting Wedge and the Splitting Bed. The Splitting Wedge can cut through skin and break bones. Make sure hands are clear of crush hazard zone when log splitter is in operation.</p>
	<p>Flying objects. - Pieces of wood may fly out while splitting. Wear safety glasses. Serious eye injury can occur if safety glasses are not worn. - Serious accidents can happen when other people are allowed inside the safety and operator zone. Keep everyone else out of the safety and operator zone while operating log splitter. See page 5 for operator zone</p>
	<p>Skin injection hazard. - High pressure fluid can inject under skin resulting in serious injury including amputation. - If skin injection happens, seek immediate "Surgical Treatment". Call 000 - Make sure all fittings are tight before starting the log splitter. Relieve system pressure before servicing by turning off the log splitter and moving Control Valve Lever (7) back to the neutral position. - Do not check for leaks with hand. Investigate and repair any hydraulic leaks immediately</p>
	<p>Risk of fire and explosion. Hot exhaust fumes from the engine can cause a fire. Gasoline is highly flammable and explosive. You can be burned or seriously injured when handling fuel. Position muffler at least 7 feet from combustible objects. Before adding fuel, stop the engine and keep heat, sparks, and flame away. Do not add fuel when engine is running or still hot. No smoking near engine. Do not pump fuel directly into engine at gas station. Static charge can build and ignite fuel. Use an approved fuel container to transfer petrol to the engine. Wipe up fuel spills immediately. Turn Fuel tap off in storing and transporting machine Store and handle fuel outdoors. Gasoline vapours can ignite if they collect inside an enclosure.</p>
	<p>Poisonous fumes from the engine can kill you. Do not operate indoors even if ventilated. This product is intended for outdoor use only.</p>
	<p>Hot muffler. You can be burned by the muffler. Do not touch muffler during or immediately after use.</p>

**Always follow operational warnings and check-list before operating!**

1.) Setup

Serious accidents can happen when other people are allowed inside the **OPERATOR ZONE**(see below diagram). Keep everyone out of the operator zone while operating the log splitter. **ALWAYS set up a SAFETY ZONE** restricting onlookers to at least 3 meters away from the log splitter when in use.



2.) Unhook the Lifting Table (11) and carefully lower it to the ground.

3.) Start the Engine (4) by using the following instructions:

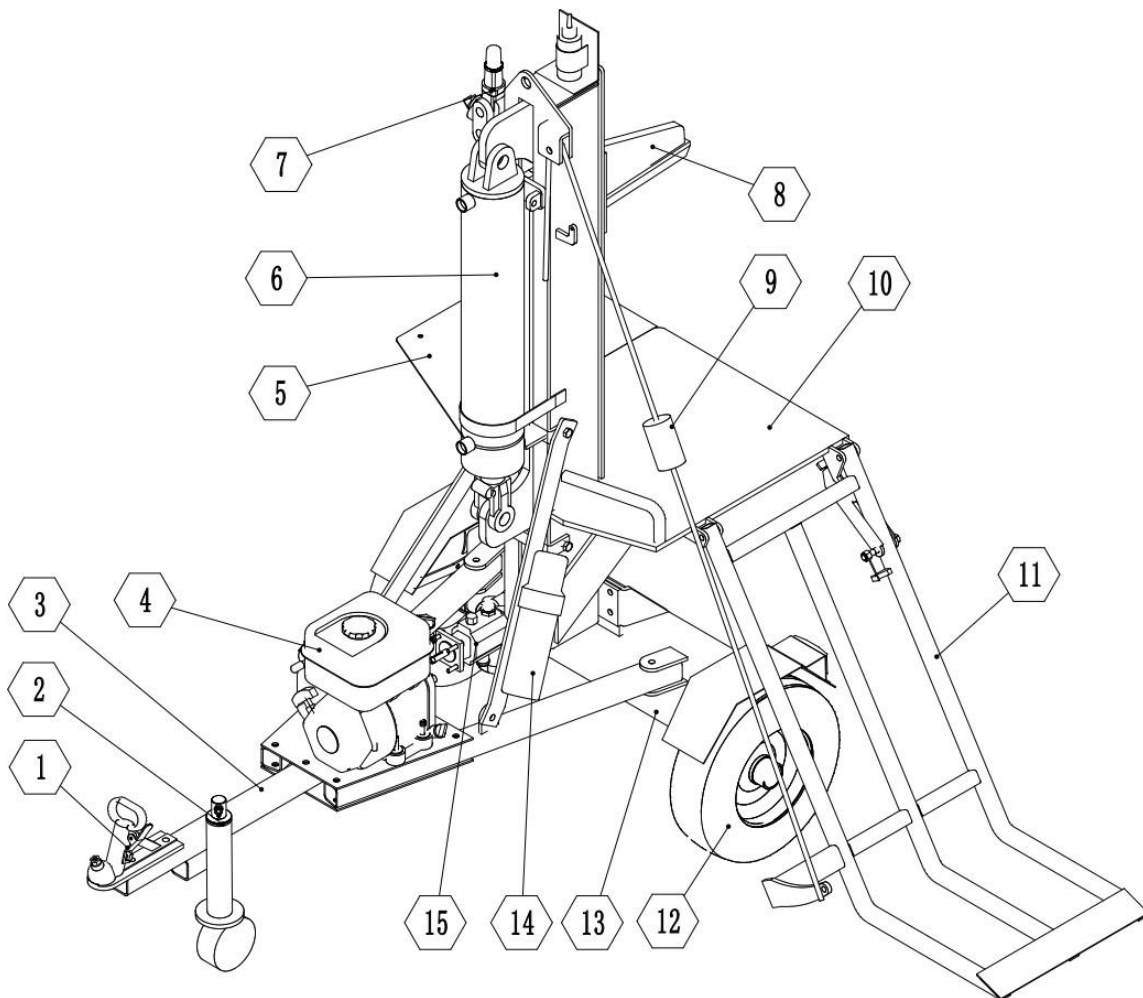
- a) Turn the engine switch to 'ON' position.
- b) Slide the choke lever away from the fuel tank to activate the choke.
- c) Turn the fuel tap on.
- d) Raise the Throttle by sliding the throttle lever away from the fuel tank. Use between 25 to 50% throttle when starting.
- e) Pull the starter cord handle lightly until resistance is felt, then pull briskly.
- f) When the engine starts to run, deactivate the choke by sliding the lever towards the fuel tank.
- g) Once the engine is running adjust the full throttle **to 75% when using** the machine.

4.) Carefully place a log on the Lifting Table (11). Maximum length of the log suitable for the log splitter is 60cm.

5.) Push and hold the Control Valve Lever (7) downward. This will lift the Lifting Table (11) upward, allowing you to easily roll the log on to the Splitting Bed (10). Once the log is in place and ready for splitting, push and hold the Control Valve Lever (7) upward.

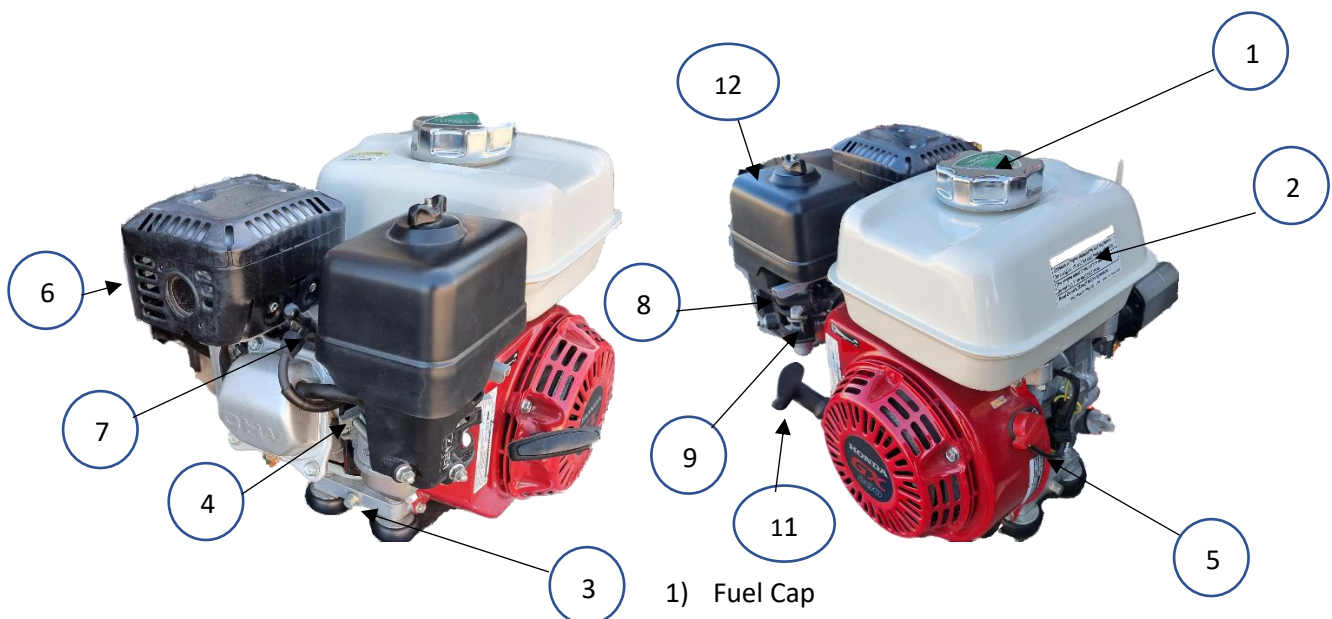
- 6.) Now, start the splitting procedure by pushing and holding the Control Valve Lever (7) downward. Please note the Splitter Wedge (8) only moves down when you are holding the lever downward. When you let go of the Control Valve Lever (7) the Splitting Wedge (8) stops immediately for safety reasons.
- 7.) To return the Splitting Wedge (8) to its starting position, simply pull the Control Valve Lever (7) upwards. This will also move the Lifting Table (11) downward, allowing you to roll a log on it again. Please note the Splitting Wedge (8) returns back to the original starting position automatically after the Control Valve Lever (7) is returned to its neutral position. Also note that for safety reasons, the Splitting Wedge (8) stops approx. 3-4cm from the Splitting Bed (10).
- 8.) Repeat the above steps as required.
- 9.) Periodic cleaning of the unit is recommended to avoid the build up of debris (Sawdust, dirt and bark) that may retard the operation.

## LOG SPLITTER COMPONENTS



- 1) Coupler: Attaches the log splitter to the ball.
- 2) Jockey Wheel
- 3) Tow Bar
- 4) Engine: The air-cooled Honda GX200 powers the hydraulic pump
- 5) Wood Tray: Can hold a maximum of 75kgs
- 6) Hydraulic Cylinder: Internal diameter of 4.5 Inch
- 7) Control Valve Lever: Controls the forward and backward movement of splitting wedge.
- 8) Splitting Wedge: Features wedge wings and tapered ends making splitting easier.
- 9) Counterweight Wire
- 10) Splitting Bed
- 11) Lifting Table
- 12) Tires: 16" heavy-duty wheels capable of maximum speed of 45km/h (note this log splitter is not suitable for road towing)
- 13) Oil Tank: 20L
- 14) Tool Box
- 15) Gear Pump: Pumps the hydraulic oil through the system.

## ENGINE COMPONENTS



- 1) Fuel Cap
- 2) Fuel Tanks
- 3) Oil Drain Plug
- 4) Oil Filler Cap
- 5) Off / On Switch
- 6) Muffler
- 7) Spark Plug
- 8) Choke Lever
- 9) Fuel Valve
- 10) Starter Grip
- 11) Recoil Starter
- 12) Air Cleaner

## TOWING THE MACHINE

### WARNING

Towing incorrectly is a serious risk and can result in injury or death. Please read the following Towing Warnings:

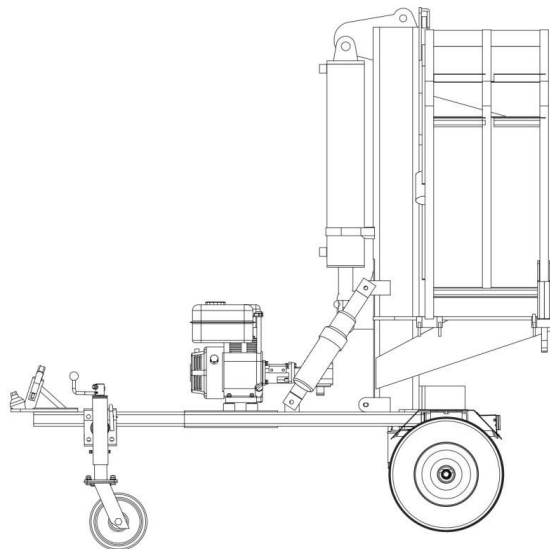
Remember to turn the engine and fuel tap to the off position prior to towing. This is to prevent flooding of the engine.

**IMPORTANT:** Log Splitter is not approved or designed to be towed on Public Roads.

Serious injury or death can occur if Towing Safety Rules are not followed.

- Review Towing Safety Warnings as mentioned in your Owner's Manual.
- Drive safely. Be aware of the added length that the lifter splitter adds to your vehicle.
- Never ride on or transport cargo on the lifter splitter.
- Always secure and lock the lifter splitter to the vehicle hitch before towing.
- Drive the vehicle only after the lifter splitter is securely attached.
- Turn off the vehicle if leaving the lifter splitter unattended.
- Choose a leveled surface to operate the lifter splitter.
- Block the lifter splitter's wheels to prevent any unattended movement.
- Never tow or operate this splitter while under the influence of alcohol, drugs or medication.
- Avoid large holes and ditches when towing the lifter splitter in a vehicle.
- Always tow at a reduced speed on rough or uneven terrains, along the side of creeks, ditches and hillsides.
- Do not exceed a speed of 45KM/H when towing the lifter splitter.
- Read the below details to know further instructions regarding the logsplitter.

The RedGum 25000 SUPER V Lifter-Splitter has a 50mm Ball Coupler with a tow bar (3) which can be attached to the back of your ATV or Ride On Mower to tow the machine around your property. This tow bar is attached to an efficient Jockey Wheel, which allows you to easily move the machine without any problems! The RedGum 25000 SUPER V Lifter-Splitter is not suitable for towing on the road. The logsplitter is only suitable for low-speed towing around your property. The maximum rated towing speed for the RedGum 25000 SUPER V Lifter-Splitter is 45km/h.





## LOGSPLITTER SPECIFICATIONS

Splitting Force	25000 kgs
Cycle Time	13 seconds
Hydraulic Tank capacity	14 Litres
Max. Log Length	60cm (24")
Maximum Pressure	3000 PSI
Gear Pump	11GPM, 2-Stage
Wheel Size.	16 inch
Tow Bar Hitch Type	50mm Ball Coupler
Jockey Wheel.	6 inch
Lifting Capacity	Up to 80kgs
Max. Towing Speed.	45km/h
Hydraulic Filtration Capacity	50 µm

## MAINTENANCE, STORAGE & ESSENTIAL CHECKS

**Before performing maintenance**, the log splitter must be placed in maintenance mode. To do so, follow the below steps:

- 1.) Turn off engine
- 2.) Move the Control Valve Lever forward and backward to relieve **Hydraulic Pressure** and leave in neutral position.
3. After performing maintenance, make sure all guards, shields and safety features are put back in place. Failure to follow this warning can result in serious injury.

## MAINTENANCE SCHEDULE

Component	INTERVAL			
	1	2	3	4
Complete Unit	I	I	I/C	I
On / Off Switch	I	I	I	I
Choke Primer	I/A	I	I/A	I
Engine Oil	I	R	R	I
Throttle Lever	I	I	I	I
Cables and Connectors	I/A	I	I/A	I
Fuel Filter	I	I	R	
Carburettor	T	T	T	
Air Filter	I	I	C/R	I/C
Clutch	I	I	I	
Spark Plug	I	I/C	R	I
Cooling Fins	I	I/C	C	C
Starter Cord	I	I	I	I
Starter Housing Vents	I	I/C	C	C
Spark Arrestor	I	I	I/R	I
Anti Vibration Mounts	I	I	I	
Hydraulic Oil	I	I	I/R	I
Hydraulic Oil Pumps	I	I	I	I/A
Hoses	I	I	I	I
Hydraulic Fittings	I	I	I/C	I/C
Frame	I	I	I	I
All Screws and Nuts	I	I	I	I

### Interval

- 1 Pre Delivery
- 2 First Service ( 5 hours of Operation or 3 Months, which ever occurs first
- 3 Annual by Dealer
- 4 Before Use inspection

### Maintenance Type

- I = Inspection
- C = Clean
- A = Adjust
- L = Lubricate
- R = Replace

## STORAGE OF THE LOGSPLITTER

- Before storing, make sure the log splitter is clean and dry.
  - Lightly lubricate all log splitter surfaces and moving parts to prevent rust.
  - Store indoors or protected area and preferably under the RedGum Cover when the log splitter is not being used.
  - **It is essential to fully retract the splitting wedge**, ensuring no silver part of piston rod is exposed to the elements.
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## RISK REGISTER

Level of Risk	Hazard	Dangers associated with the Risk	Measures to avoid/control this hazard
<b>LOW</b>	While assembling the Logsplitter, there is a risk of injury to the body due to lifting and installing of heavy components	Injury to back, arms and hands	Use the correct tools to assemble the logsplitter. Wear appropriate gloves while assembling the logsplitter. Use proper lifting techniques Use assistance to lift components
<b>LOW</b>	While operating the logsplitter, there is a risk of fingers being jammed against the Splitting Bed and the block of wood.	Injury to fingers and hand	Wear appropriate Safety Gear while operating the logsplitter.  Only operate the machine within the defined Logsplitter Operating Zone.
<b>LOW</b>	While operating the logsplitter, there is a risk of falling over blocks of wood present in the Operating Zone	Injury due to fall, bruises and sprains	Make sure that only the operator of the machine is present in the defined Logsplitter Operating Zone.  Wear appropriate Safety Gear while operating the logsplitter.
<b>LOW</b>	While operating the logsplitter, there is a risk of inhaling the exhaust fumes of the engine	Nausea	Make sure to only operate the machine in an outdoor environment, and within the defined Logsplitter Operating Zone.
<b>LOW</b>	While operating the logsplitter, there is a risk of getting burned by hot oil from the engine	Burns on the operator's skin	Wear appropriate Safety Gear while operating the logsplitter.  The Oil Hoses on the logsplitter have Burst Protection for added safety
<b>LOW</b>	Maintenance and Troubleshooting of the Logsplitter		Read the Engine Manual and Operations Manual carefully before Maintenance and Troubleshooting of the machine.
<b>LOW</b>	Preparing the logsplitter for towing		To prevent fatigue or body strains, the RedGum 25000 SUPER V Lifter-Splitter is equipped with a Tow bar and Coupler for easily attaching it to the back of your ATV or Ride On Mower. This machine is not suitable for road-towing and should only be towed around your property. The maximum rated towing speed for this machine is 45km/h

RedGum Logsplitters are safe and efficient machines, and are the best at getting the job done. Our machines utilize the latest innovations in technology to give you a safe yet comfortable wood-splitting experience. The above Risk Register provides you with a list of some risks associated with operating this logsplitter. Make sure to read the Operations Manual and Engine Manual carefully before operating this logsplitter, and wear appropriate Safety Gear at all times.

## LOG SPLITTER TROUBLESHOOTING

Problem	Solution
Cylinder rod & splitting wedge will not move	Solution: A, D, E, H, J
Slow cylinder shaft 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

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 & clean the splitter hydraulic system
E - Blocked control valve	Flush & 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 authorised repair
I - Internal control valve leak	Return control valve for authorised repair
J - Internal cylinder leak	Return cylinder for authorised repair
K - Internally damaged cylinder	Return cylinder for authorised repair
L - Engine control out of adjustment	Return for authorised repair
M - Engine is loaded during idle down mode	Use shorter log length (24" or less) to allow engine to speed up before contact

## WARRANTY AND SERVICE INFORMATION

Congratulations on the purchase of your new RedGum product. RedGum Products will assist you to complete the “job at hand” in an economical, safe and efficient manner.

This brochure explains the Warranty and Maintenance information for your product. This combined with your Owner’s Manual and the knowledge and expertise offered to you by your respective RedGum Dealer should provide you with the confidence that your decision to purchase a RedGum product was a good one.

### STATEMENT OF WARRANTY

This statement of warranty applies to all RedGum products (offered by the manufacturer, RedGum Products). The manufacturer provides this warranty to the initial purchaser of this product (who has purchased it from an authorised RedGum Products dealer) for a period commencing from the date of purchase.

If the product is found to be defective, in RedGum Products' opinion (due to a fault of the manufacturer) within the Warranty Period, RedGum Products will carry out the repair or replacement to the customer Free of Charge, provided:

- The fault is reported directly to the place of purchase.
- Sufficient proof of purchase is provided.
- The fault is not caused by misuse, neglect or incorrect adjustment by the user.
- The failure has not occurred through normal wear and tear.
- The product has not been serviced, repaired or alterations made by anyone not authorised by RedGum Products to do so.

### THE WARRANTY PERIODS

The warranty periods mentioned below commence on your date of purchase:

#### NOTE

Engines are covered by the respective original equipment manufacturers warranty and claims are made direct to the manufacturer agent Replacement parts and accessories fitted during a repair under terms of warranty will enjoy cover for the remainder of the warranty period of the finished product

Your RedGum Splitter has the following warranty Periods:

Private Domestic Use                      24 Months

Commercial Use                              3 Months

Please note that Warranty Claims for your RedGum product can only be made through an Authorised RedGum Dealer

## WHAT IS NOT COVERED BY WARRANTY

### The following items are not covered by this warranty:

- Normal maintenance items which become worn through use, including, but not limited to, belts, blades, oil, blade adapters, filters, rewind springs, spark plugs, starter ropes, clutches and sprockets.
- Natural discoloration of material due to sunlight.
- Engines not manufactured by RedGum Products, these items are covered by the respective original equipment manufacturers' warranty, all claims must be sent to the appropriate manufacturer's agents.
- Using stale or contaminated fuel in the product.
- Damage or failure caused by accident, misuse and/or neglect, including, ingress of dirt, abrasives, moisture, rust & corrosion, and damage due as a result of inadequate maintenance.
- Failure to operate or maintain the unit in accordance with the Owners/Operators manual, this handbook or instruction given by a RedGum dealer.
- Alterations or modifications that change the intended use of the product or affect the product's performance, operation, safety or durability, or causes the product to fail to comply with any applicable laws.
- Damage due to incorrect usage such as incorrect log placement (as shown in the product's respective Owner's Manual)
- Additional damage to parts or components due to continued use occurring after any of the above.

### ITEMS FOR WHICH A CHARGE WILL BE MADE

The following list is a guide to the types of items for which a charge will be made (unless failure is caused by a defect in the manufacturer's materials or workmanship).

**Service:** Maintenance servicing and all parts and fluid replaced in line with the maintenance schedule shown in this handbook.

**Mechanical Adjustments:** Including engine tuning, adjusting brakes, belts & clutches etc.

**Drive System:** Sprockets, belts, clutches, pulleys and bearings all wear and will require replacement.

**Cutting Equipment:** Blades, cutting discs and hammers wear during use and sharpening/ replacement is required as a matter of normal maintenance.

**Spark Plugs:** Periodic replacement is required to ensure maximum engine performance and best fuel economy.

**Induction/Combustion System:** The removal of deposits and cleaning may be required from time to time and should be performed as necessary.

**Tyres:** Tyres are subject to wear and if they come in contact with external objects, they can deflate. A flat tyre is not a warrantable item.

**External Surfaces, Paint, Trim and other Appearance items:** Are affected by normal wear and tear and exposure to environmental conditions. A charge will be made for paint and trim items that require attention due to causes outside the manufacturer's control.

**Hydraulics:** Changing hydraulic fluids The frequency of replacement, repair or adjustment will depend mainly on where and how you use your product, weather, atmospheric and environmental conditions and frequency of use.

### CUSTOMER RESPONSIBILITIES

The customer must provide to an authorised RedGum Dealer their proof of purchase information such as a receipt.

The product must exhibit reasonable care in the maintenance, operation, storage and general upkeep practices as explained in the maintenance section of the Owners/Operators Manual or this handbook. This includes the whole product or any general wear item or component on the product. Any costs incurred to obtain warranty consideration or services is the customer's responsibility, including shipping and handling, travel expenses, lost time, lost production or pickup and delivery.

### YOUR RIGHTS AS A CUSTOMER

The New Product Warranty that is provided by RedGum Products is in addition to the rights and remedies conferred on consumers by the relevant authorities and/or legislation. The warranty does not affect those rights or remedies, except to the extent that their application may lawfully be excluded. Any consequential, direct or incidental loss or damage is not covered by the warranty.

Any statutory or other rights or remedies available in connection with a claim for such loss or damage should be pursued separately.



## WHERE TO GO FOR WARRANTY REPAIRS

Take your product to any authorised RedGum Dealer if it needs warranty repairs. All authorised RedGum Dealers will honour the New Product Warranty, and will repair, replace or adjust free of charge any part of your product that is defective in factory materials or workmanship. Please note that RedGum is unable to reimburse the cost of repairs carried out during the warranty period by a repairer who is not an Authorised Servicing Dealer.

# RedGum Products

## WARRANTY INFORMATION

Please note down for future reference:

Machine: **RedGum 25000 SUPER V Lifter-Splitter (Special Edition with Honda GX200)**

Customer Name:..... Phone No.:.....

Address:.....

Date of Purchase:.....

Serial Number:.....

Engine Number:.....

Dealer Name:.....

To find your nearest Authorised RedGum Products dealer,

Visit [www.RedGumProducts.com.au](http://www.RedGumProducts.com.au) or Call Toll-free 1300 039 251

*The manufacturer reserves the right to make improvements in design and/or changes in specifications at any time without incurring any obligation to install them on units previously sold.*

### NOTES

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