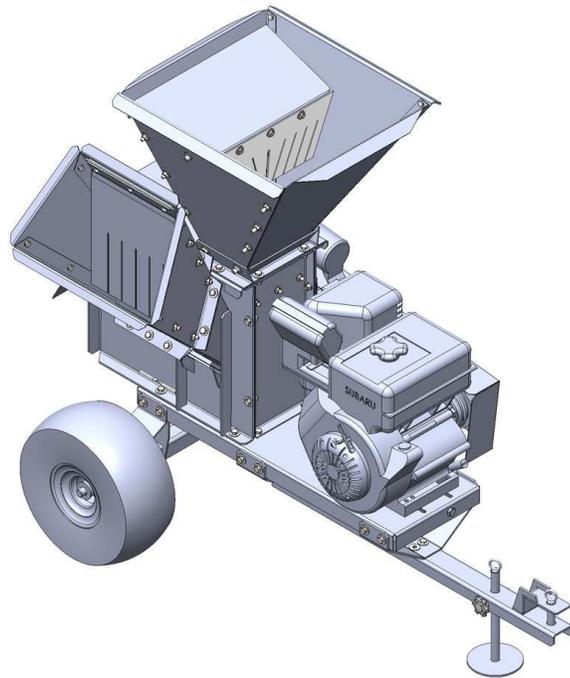




User Manual



Heavy Duty Wood Chipper Shredder

3.5"

YB2090

WARNING



Read and follow all instructions in this manual before attempting to operate this machine. Please keep this manual available for consultation at any time. Read it thoroughly and become familiar with the operating instructions, maintenance and security indications. Failure to follow these instructions can result in serious injury to yourself and others.

Rederick Metal Industries Corp.
1925 NW 21st Terrace
Miami, FL 33142

www.yardbeast.com | (305) 396-3396

THANK YOU!

We thank you so much for having purchased a wood chipper manufactured by us. The same has been designed and carefully fabricated to give you excellent performance, reliability and ultimately, to exceed your expectations.

Please read carefully and follow all the instructions in this manual before operating this wood chipper. This manual tells you how to assemble, set up, operate and maintain this machine easily and safely. Make sure to follow all recommended safety measures, and instruct any other person operating this chipper. Failure to comply, could result in personal injury to the operators and others. All information contained in this manual refers to the latest product information available at the time of printing. It is recommended that you review the manual frequently to familiarize yourself with the unit, operation and its features.

We are developing and improving our equipment continuously through the Kaizen philosophy; if you have a problem, doubt, or if any information in this manual does not match what is on your wood chipper, don't hesitate to contact your dealer or authorized service representative, or in any case please contact us directly. The phone numbers, web site and mailing address of Rederick Metal are located on the next page. In the case that your wood chipper is equipped with an engine; the engine manufacturer is responsible for all matters related to the performance, power output, specifications, warranty and maintenance for it. For more information read the Owner's Manual/ Operator delivered by the engine manufacturer. This is shipped in a separate package, together with this unit.

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PRODUCT REGISTRATION

Before you assemble and use your new wood chipper shredder, please locate the information plate on the unit and record the information in the boxes located at the bottom of this page. The plate is located in the lower left part of the machine on the feed hopper side. If you have to request technical support via our web site, phone customer support, or a dealer/servicing dealer, you will need this information.

MODEL NUMBER

<input type="text"/>					
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SERIAL NO.

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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CUSTOMER SUPPORT

In case you have issues assembling this equipment or have any questions regarding its controls, operation or maintenance of the same, you can request assistance from us. You can choose the options that are presented below:

Mail: 1925 NW 21 ST TERRACE, Miami, FL 33142

Phones (305)-396-3396/

Web: www.yardbeast.com

Email: customer.service@yardbeast.com

IMPORTANT SAFETY MEASURES

This machine is designed to be used in compliance with safety regulations contained in this manual. As with any type of motorized equipment, an error or negligence on the part of the operator can cause serious injury.

This machine is capable of amputating fingers and hands; it also expels foreign objects with great velocity that can cause damage to a person by facial and body exposure.

In case of any emergency, attempt to shut off the engine and seek immediate help.



The presence of this symbol indicates that these are important safety instructions that must be followed in order to avoid putting at risk your personal safety and other's. Read and follow all the instructions in this manual before operating this machine.

When you see this symbol:



Keep Warnings in mind.

SYMBOL IDENTIFICATION

It is important that the operator understands the safety symbols that are located at different places of this wood chipper. Below are the list of symbols and the information expressed within.





Wear Safety Gloves



Wear Eye Protection



Wear Ear Protection



No hands beyond
this point



Caution

Protective equipment required for the operation of this equipment.

- Safety goggles
- Safety gloves
- Ear protection.
- Appropriate outwear (preferably long-sleeved shirts and trousers for work)

IMPORTANT FACTS ABOUT THE EQUIPMENT

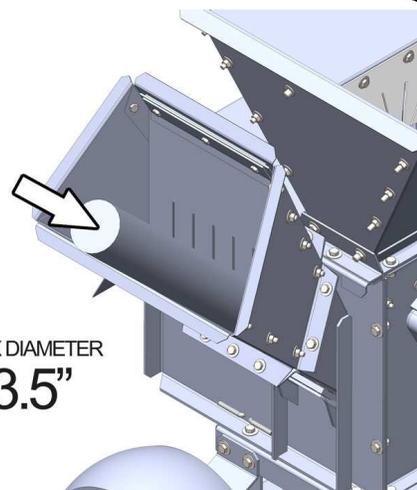
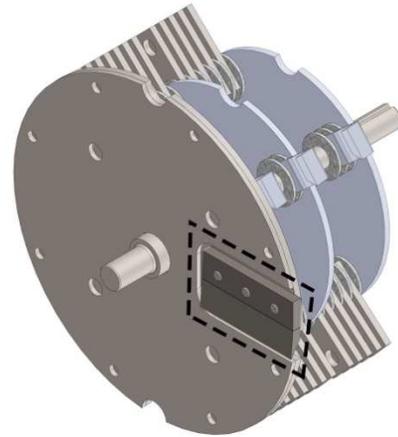
USE PROTECTION

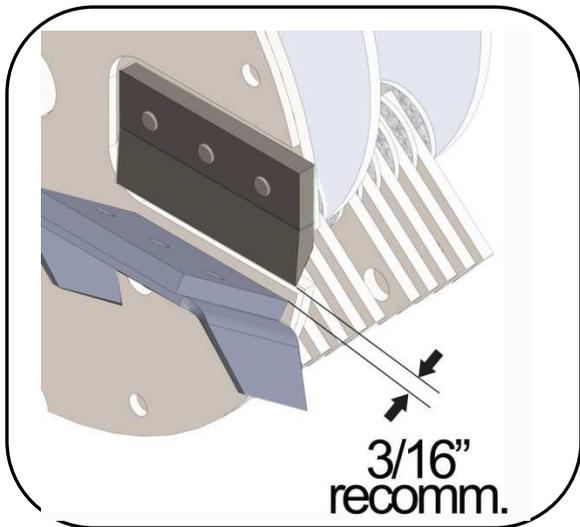
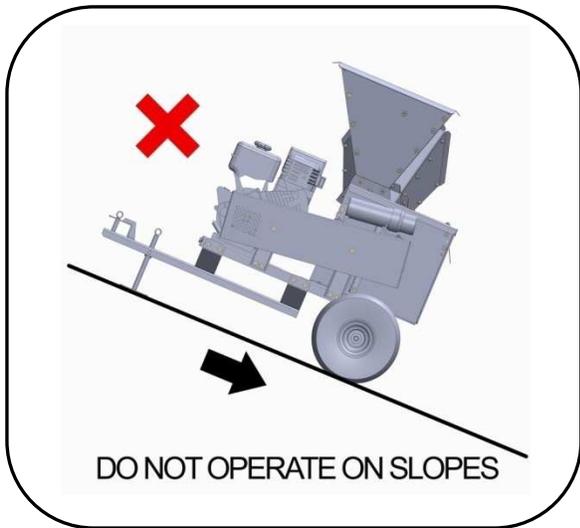


BYSTANDERS AWAY AT:



INSPECT BLADES BEFORE EACH USE





contained in this manual. No persons below 16 years of age should operate this equipment.

4. Without receiving appropriate instructions, do not allow anyone to operate this machine.

5. Do not start the chipper in closed spaces or in an areas with poor ventilation. The gases from the engine exhaust contain carbon monoxide, a lethal gas which is odorless.

6. Use appropriate protective equipment in each operation.

7. Don't put your hands close to the parts that are in motion or inside the feed hopper -as indicated in the decals - when in operation. Be careful not to touch any surface which is heated during the operation and remains as such for a long time after the wood chipper turned off.

8. Stay away from the discharge; wood debris is expelled with great speed that can produce facial or body damage.

9. Do not operate the chipper if its belt guard is removed.

10. Keep the bystanders away from the chipper while it's running. Do not allow the presence of minors in the work area. Stop the machine if anyone enters the area.

11. Switch off the engine and disconnect the spark plug before servicing the equipment.

Train Yourself

1. Read, understand and comply with all instructions included in this manual and in the machine before assembling and operating it. Keep this manual in a safe place for future reference, as well as for ordering spare parts.

2. Familiarize yourself with all of the controls. Please know how to stop the chipper when it is operating and how to manipulate the controls quickly.

3. Persons older than 16 years of age, must read and understand the operating instructions as well as the safety rules

Preparations before chipping

1. Carefully inspect the area where the equipment will be used.

2. Protect your eyes, always use safety glasses while operating this machine. Otherwise, objects thrown that bounce can seriously injure your sight.

3. Use ear protection. This will protect you from the noise produced by the chipper when you feed the material into the hopper.

4. Use work gloves with palm of leather or industrial cotton when you feed the material into the hopper. Before you turn on the machine, check all bolts and accessories to ensure that the machine is in safe operating condition.

5. Perform a visual inspection of the machine in frequent intervals to check whether the chippers has suffered any important damage.

6. Maintain and replace the safety labels and instructions as necessary.

Safe Handling of Fuel

To avoid personal injury or property damage, be very careful when handling fuel. The fuel that is used, whether diesel or gasoline is highly flammable and the vapors are explosive. You can be seriously injured if fuel is spilled on yourself and your clothes which can ignite. Wash your skin and change clothes immediately.

1. Use only containers approved for Gasoline or Diesel .

2. Never fill containers inside a vehicle or truck. Always place containers on the ground away from your vehicle before filling.

3 . Keep the nozzle in contact with the edge of the entrance to the engine fuel tank or container at all times until it is full at recommended engine manufacturer specifications.

4 . No smoking should take place. Turn off all cigarettes, cigars, pipes and other sources of ignition.

5. Never refuel the machine indoors.

6. Never remove gas cap or add fuel while the engine is hot or running . Allow engine to cool at least two minutes before re- fueling .

7. Never overfill the fuel tank . Fill tank to no more than 1/ 2 inch below the base of the neck of the thread to allow room for fuel expansion.

8. Place the fuel cap back on and tighten securely .

9. Clean up spilled fuel on the engine and equipment. Move machine to another area. Wait 5 minutes before starting the engine.

Operation of the Wood Chipper

1. Check the oil and fuel level before starting the engine.

2. If the chipper will not be hitched to an ATV, check that the trailer stand is firmly tightened.

3. Do not put hands near rotating parts or power inputs . Contact with the chipper and rotating parts –while in operation- can seriously damage fingers, hands .

4. Before operating the machine , open it. Check and clean the rotor of foreign debris objects , make sure the cutting chamber is empty and free of any foreign material.

5. . Thoroughly inspect all material to to be chipped and remove any foreign objects -such as nails, glass, steel wire, etc- that could cause injury to you or damage the machine.

6 . Do not attempt to chop material

larger than specified in this manual. Puts you and the machine at risk.

7. Keep all guards and safety elements in place and in good condition.

8. Do not operate this machine while under the influence of alcohol or drugs.

9. Never operate this machine without good visibility or light .

10. If the engine is hot, do not touch as it may cause severe burns.

11. Do not attempt to move the chipper while the engine is running .

12. While feeding material into the machine, keep your face and body behind the discharge zone .

13. Never attempt to unclog the outlet or discharge opening while the engine is running. Turn off the engine and wait until all moving parts are at a complete stop.

14 . If any situations occur which are not covered in this manual, be careful and use common sense. Swiftly turn off the chipper and then contact us for further advise on your situation.

Maintenance and Storage

1.Never tamper with the safety components recklessly . Check periodically that they are functioning properly.

2 . Make sure all screws, bolts , pins and cotter pins are in good condition to make sure the machine is in safe operating condition . Also , visually inspect the chipper to check if it is damaged and determine if repair is necessary.

3. Grease the bearing often as instructed by the maintenance chart (found below) to avoid premature wear; it also protects from corrosion and reduces heat , prolonging its life.

4. Before cleaning, repairing or inspecting the chipper, stop the engine and check all moving parts have stopped.

5 . Do not change the engine governor settings or overspeed the same . The governor controls the maximum safe operating speed of the engine.

6. Maintain or replace safety and instruction labels as necessary.

7. Follow the instructions in this manual for safely storing this machine off season.

8. Never store the chipper or fuel container in an enclosed space where there is presence of flame, spark or pilot light such as water heaters, furnaces, clothes dryers, etc.

9. Allow machine to cool at least 5 minutes before storing after shutting it down.

10. Always refer to the operator manual for proper instructions for off-season storage.

11. If you need to empty the fuel tank, do it outdoors. Use proper container when handling fuels.

12. Observe the rules of proper disposal laws and regulations for gas, fuel, oil, etc. to protect the environment and your community.



DO NOT MODIFY ENGINE

To avoid serious injury, do not modify the engine in any way. If you

change the engine governor settings, it can get out of control and operate at unsafe speeds and off-spec. **Never change the factory settings of the engine.**

Installation and Setup

Metal Cage Content:

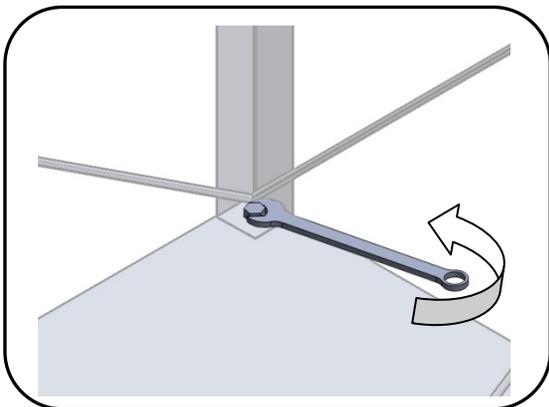
- 1 Wood Chipper.
- 1 Feed chute.
- 1 Rear Axle.
- 1 Bag of nuts and bolts that includes: Bolts, washers, nuts, cotter pins, etc.
- 2 Towing brackets
- 1 Tow Bar and accessories (pins, stand)
- 2 Turf Wheels
- Manuals and Operator safety accessories.

Assembly of the YARDBEAST 2090

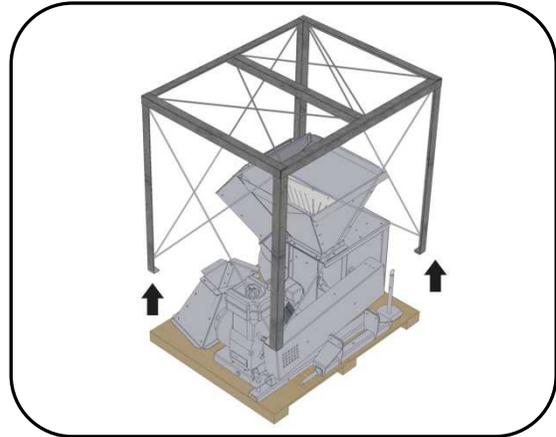
Note: This unit is shipped without fuel and without oil in the engine. Fill with gasoline (depending on the engine type) and oil as indicated in the instructions in the engine manual **BEFORE** operating your wood chipper.

❖ Taking shipping cage off.

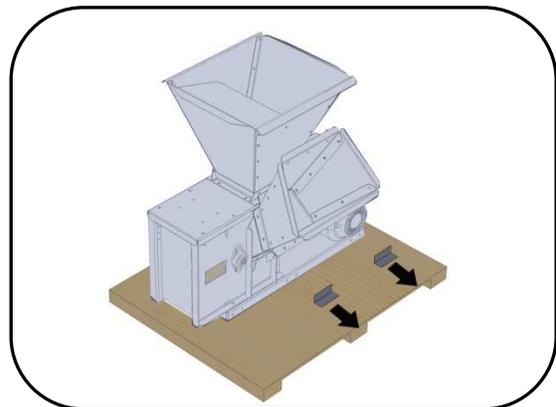
1. Remove plastic packing
2. Unscrew the ends of the cage as shown in next Figure.



3. Remove upwards (use 2 people if possible) as shown in next Figure.



4. Remove the chipper by removing the platform anchor plates. See Fig. below.



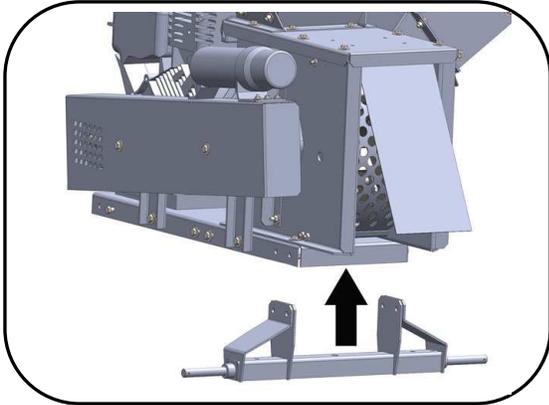
❖ Axle Assembly

1. Inserting rear axle to the chipper's base and bolt it as shown in Fig. 1

Figure on next page..

- a. 4 Hex Bolts 3/8 "x 1-1/2"
- b. 4 Lock Nuts 3/8 "
- c. 4 Flat Washers 3/8 "

Tools used: 9/16" hex wrench

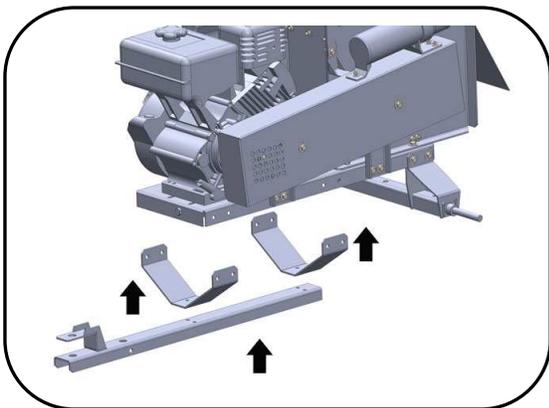
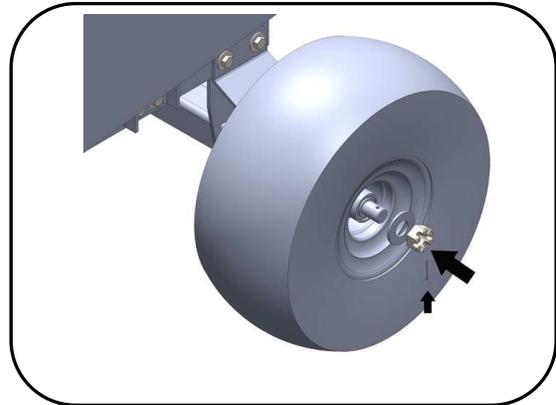


First, assemble the two trailer brackets as shown. Then, assemble the tow bar below the brackets, as shown on the same figure. For this operation, 2-3 person assembly team is recommended.

- a. 8- Hex Bolts 3/8" x 1"
- b. 8- Lock Nuts 3/8"
- c. 8- Flat Washers 3/8"

-To secure each wheel, slide a 3/4" flat washer, then screw a castle nut on each shaft end and secure by inserting a safety cotter pin.

- a. 2 Flat washer 5/8"
- b. 2 Castle nut 3/4"
- c. 2 Cotter pins 3/16" x 1-1/2"

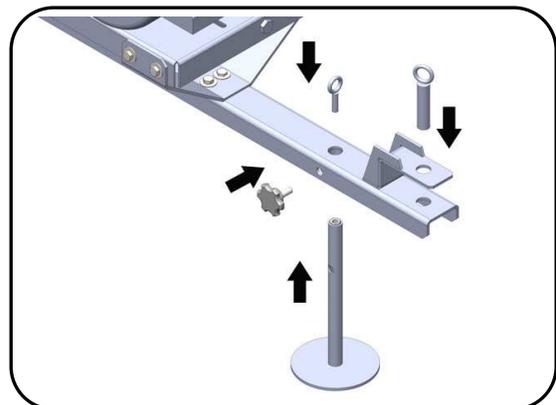
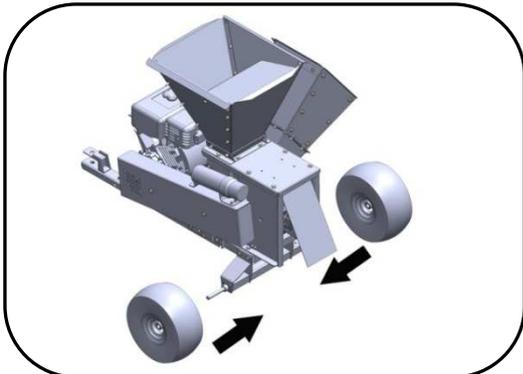


-Now it's onto assemble the trailer hitch. Slide through the trailer stand foot and screw the stand thread ring on the top. Secure it by inserting the bolted knob on the side of the tow bar. Once it is tightened, the chipper can rest on the stand. Slide the hitch pin and use it when towing with an ATV.

- a.1 Hitch pin
- b.1 Tightening knob
- c. 1 Threaded Stand ring
- d.1 Trailer stand

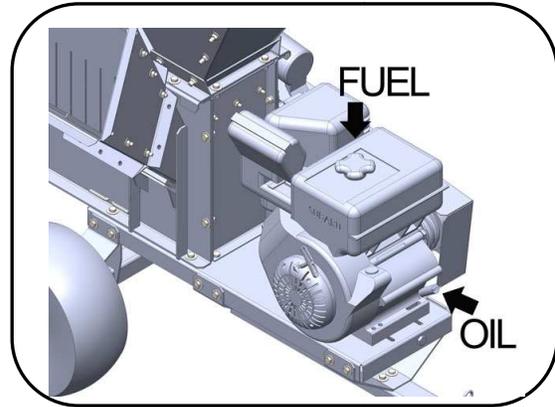
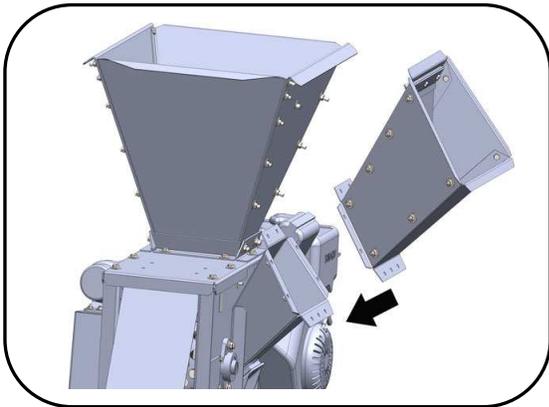
- Slide a 3/4" flat washer first and then slide the turf wheel in. Do this for each shaft.

- a. 2 Flat Washers 3/4"
- b.2 Turf Wheels 15 x 6.00-6



Assemble the feed chute onto the the chipper opening -as shown on the Figure below- by screwing the 9 bolts required. Start by screwing the first two top bolts with a nut so the hopper doesn't come off while puttin in place the remanining bolts.

- a. 9 Hex Bolts 5/16" x 1"
- b. 9 Hex Nuts 5/16"
- c. 9 Flat washer 5/16"



WARNING



Use extreme caution when handling fuel. Fuel is highly flammable and the vapors are explosive. Never refuel the machine indoors or while the engine is running or hot. Extinguish cigarettes, cigars, pipes and other sources of ignition.

When putting oil into the engine, it is better to use a funnel to prevent spills on the machine. The engine uses approximately 1.2 liters of oil. Engine oil is a fluid with significant viscosity, it takes a bit of time to settle, it is important to always wait some time before measuring the oil level with the dipstick

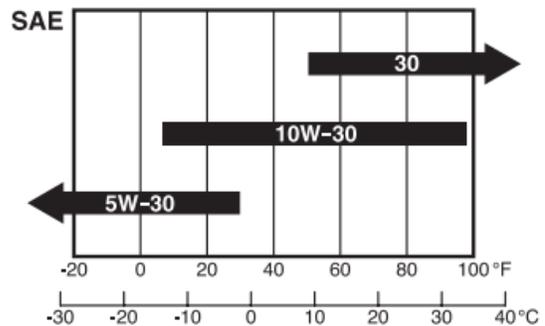
Setting up your Wood Chipper for Operation

Fuel & Oil

Read and follow all instructions in the engine manual for more information on this matter.

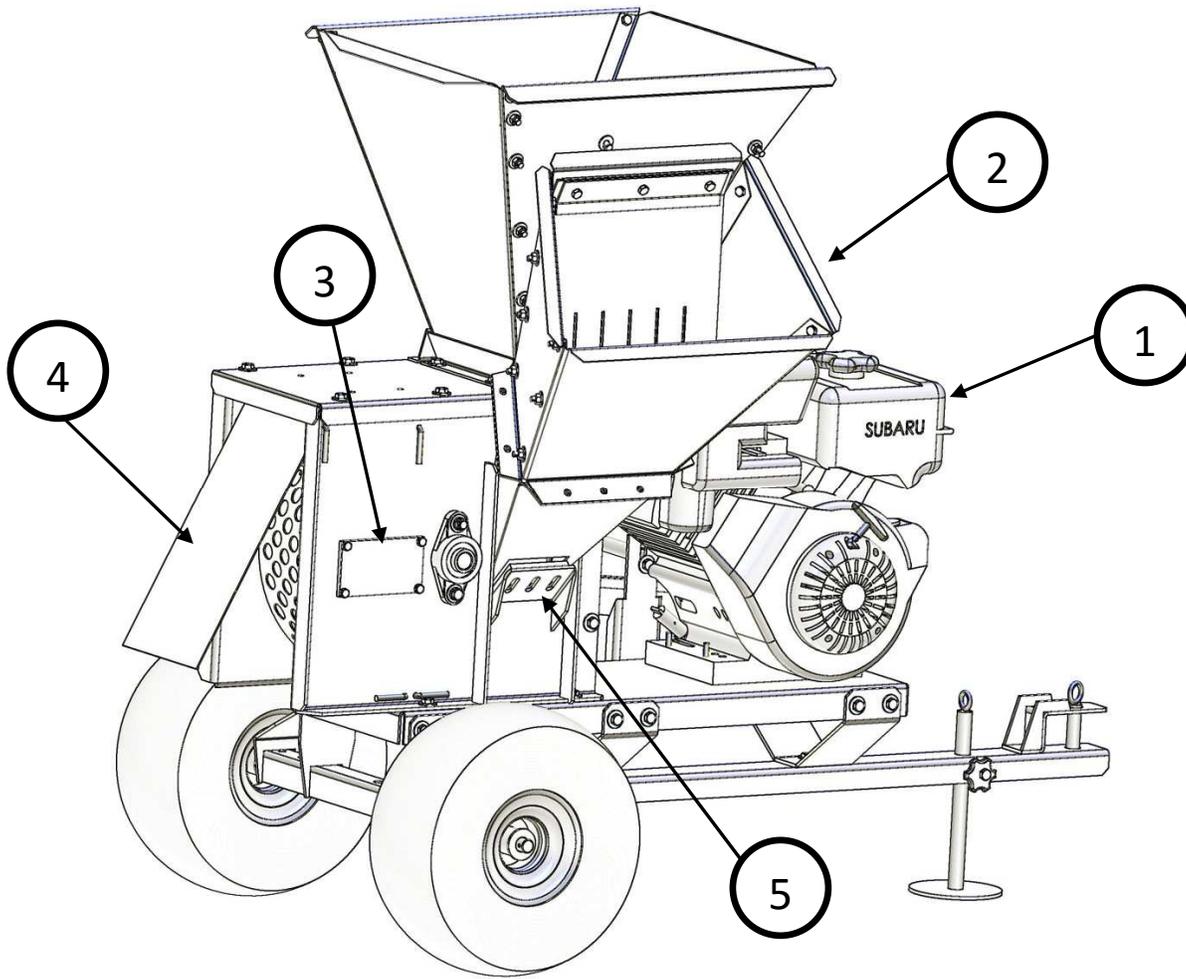
Once you have finished assembling your wood chipper, you must prepare your engine for the first start. Locate the fuel cap in the top of the engine and remove it. You should **fill the tank engine with approximately 7 liters of clean, fresh fuel.**

Please use the following oil type according to your outdoor operation temperature range.

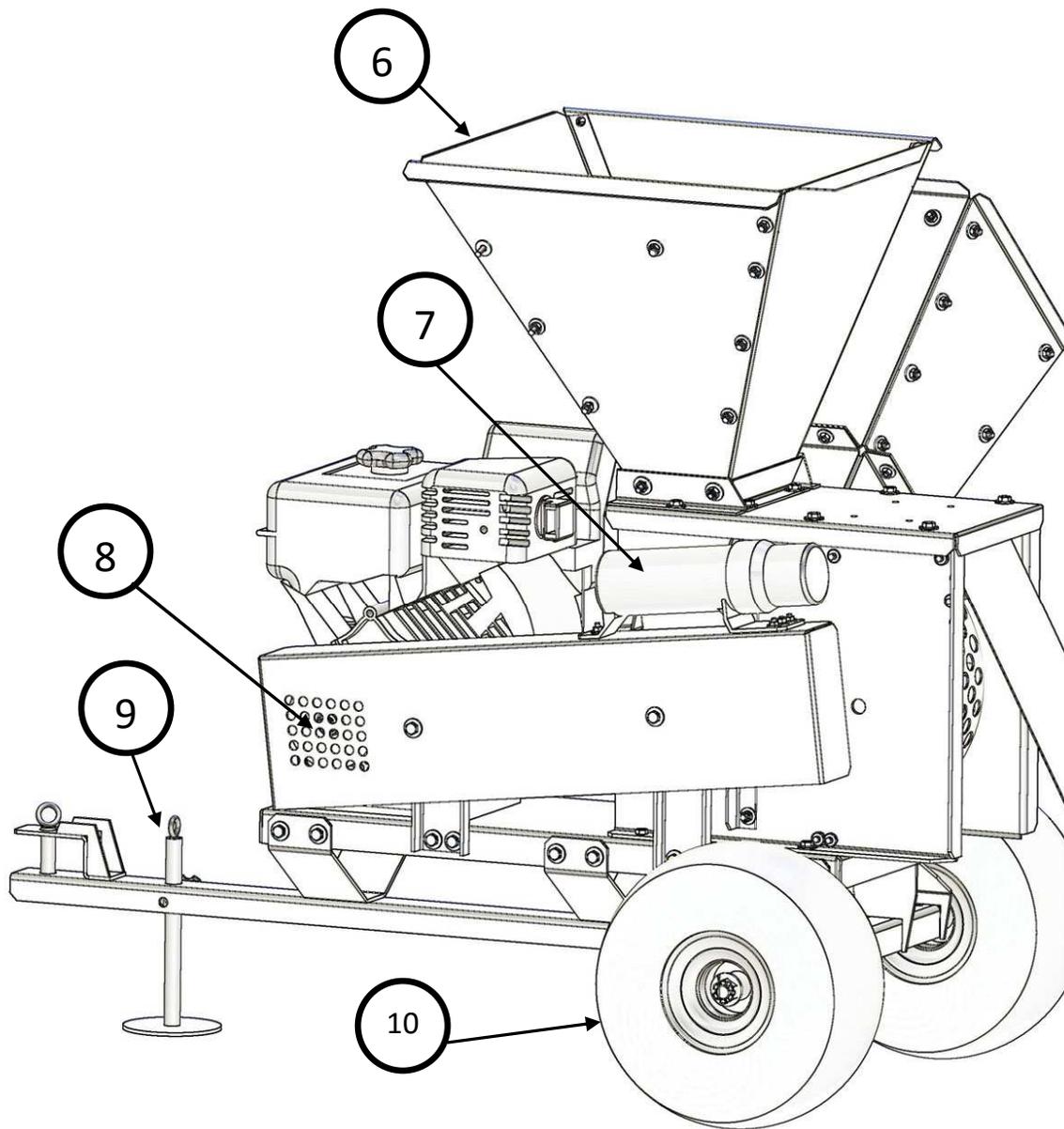


Change the oil at the first 20 hours of operation, then change the oil every 100 hours of operation.

FEATURES & CONTROLS



1	Subaru EX40 Engine
2	Feed Chute (For Chipping Branches)
3	Blade Port (Inspection, Change of blades, rotor pins)
4	Discharge deflector
5	Adjustable anvil



6	Top Chute (For Shredding leaves, twigs and small branches)
7	Manual Canister
8	Centrifugal Clutch (internal)
9	Trailer Stand
10	15x6.00-6 Turf Wheels

These are some of the wood chipper features and controls you should be aware of to familiarize yourself with the chipper.

It is very important you understand these components for a safe operation of the machine and further instruct someone else on the operation of this chipper if needed.

Feed Hopper: You can allow the entry of wood up to 3-1/2 "diameter in the hopper to be chopped. You will find that more dry material will be harder to chip but more brittle as opposed to green material which is softer in hardness. The chipper naturally performs better self feeding action on green material over dry material.

WARNING



When operating the wood chipper, use safety protection, this chipper expels wood chips with great force by design.

IMPORTANT: Never place wood in the hopper with a diameter greater than 3-1/2 ". Doing so could damage the blades and jeopardize the integrity of the machine.

Clutch: The clutch is a transmission coupling mechanism that engages and disengages automatically by the engine RPM's. If you are chipping at top chipper capacity and the engine stalls below the engaging minimum engine RPM, the chipper rotor will stop while the engine won't. It is important that you swiftly throttle the engine down to idle position to fully disengage the clutch to avoid overload on the clutch shoes and improve the overall clutch's operational life.

ENGINE: See engine operation manual that came with your unit. This is located inside the manual holder for the location and operation of the motor.

MANUAL CANISTER: Keep the user manual of

the chipper and the engine inside the manual canister –as well as safety accessories if needed- for future reference.

DISCHARGE DEFLECTOR: use the discharge deflector to adjust the distance of discharge of material to be chopped.

WARNING



Use protective gear ,and to adjust the discharge neck, if this is done without protection, it can seriously damage the eyes and cause facial and body damage.

Working with your Wood Chipper

The material to be chipped enters the cutting area through the feed hopper where this is impacted by a sharp blade, which together with the anvil, produces a scissor cutting effect. Once cut and desintegrated by the impact hammers and flails, the material is radially ejected through the discharge screen onto the ground.

When shredding, the material enters the cutting area through the top chute. This material is cut and torn apart by a mixed combination of cutting flails, which helps to reduce the branches, and the hammers that impact the material against the screens until their size is reduced enough to pass through the screen.

Starting your Engine

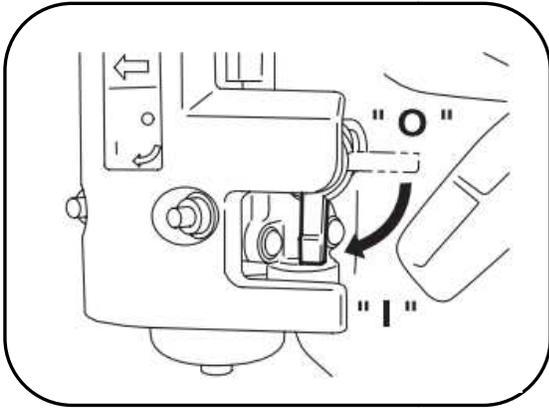
WARNING



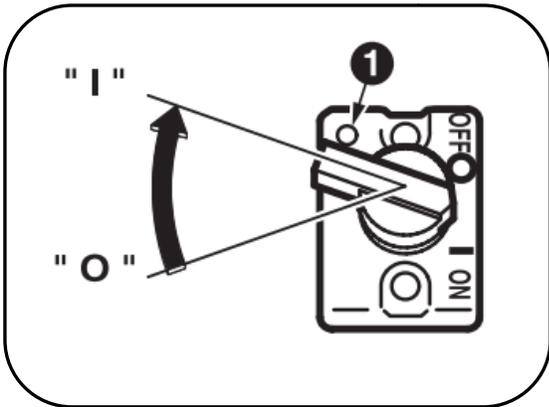
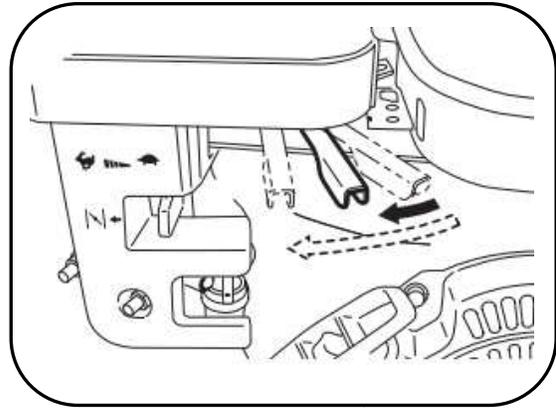
Never run an engine indoors or in a poorly ventilated area. Engine exhaust contains carbon monoxide, an odorless and deadly gas.

To start the engine, please follow these steps:

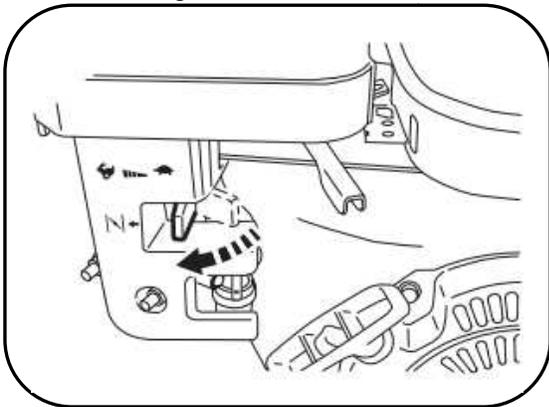
1. Turn the fuel valve to the ON position and the switch in the ON position. (If equipped) See Fig 1 & 2 below.



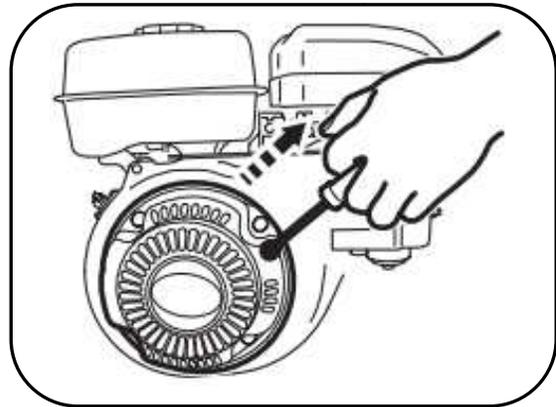
3. Move the lever throttle control to the center position between idle and fast. See the figure below.



1. Move the choke control lever to the choke position. See Figure below.



4. Firmly hold the handle of the starter rope, pull the starter cord slowly until resistance is felt, then pull rapidly.



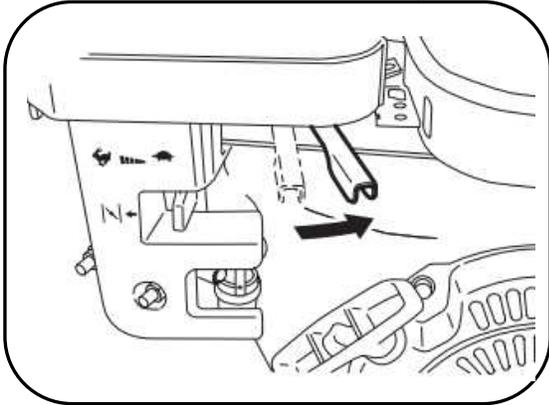
5. If the engine does not start, repeat again the previous three steps until engine fires.

6. Once the engine starts to run, quickly turn the throttle lever (choke) to the **RUN** position.

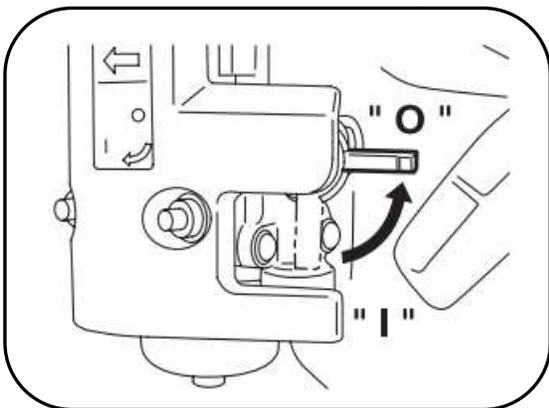
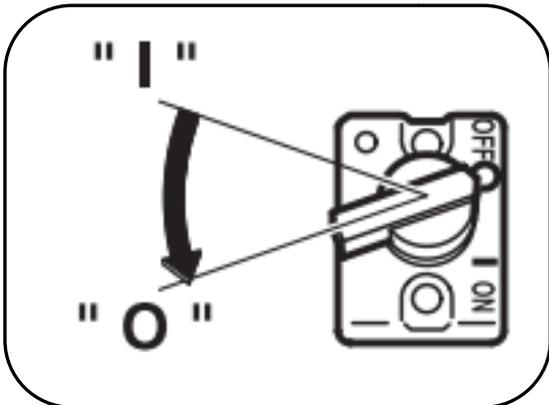
7. If for some reason the rotor stops spinning, the engine loses power but it doesn't shut down, is because this chipper is equipped with a centrifugal clutch that only engages when it passes a certain amount of RPMs. Turn off the engine (as directed below) and check what is blocking the rotor from rotating.

Stopping your engine

1. Move the throttle lever to the start position, where it was in the beginning (slow position). 



2. Turn the engine switch OFF and close the fuel access; figures shown below.



MAINTENANCE

General recommendations :

1. Always observe safety rules when performing maintenance.
2. The warranty on this wood chipper, does not cover items that have been subjected to wear, misuse or negligence of the operator. To receive any warranty benefits; the operator must have maintained the equipment as indicated in this manual.
3. All settings (blade, anvil, etc.) should be checked at least once before each use.
4. Periodically check all bolts, nuts, safety pins, etc for proper adjustment.



WARNING

Stop the engine and disconnect the spark plug before servicing equipment.

Lubrication

1. Lubricate the rotating elements such as rotor, bearings once a season.
2. Follow engine manual for engine lubrication instructions.

Wood Chipper Maintenance Schedule Chart

Before each use
• Check power belts
• Check blade and anvil
Every 25 hours
• Grease the bearing units. Nipples included on each bearing housing.
• Regrind blade
• Regrind anvil

Engine Maintenance

Use only original spare parts for the engine. Other parts may not perform as well, damaging the unit; and may cause injury. Moreover, the use of other parts may void your engine and chipper warranty.

Exhaust Gases Control

Maintenance, replacement or repair of devices and emission control systems may be performed by any manufacturer authorized establishment for these engines. Refer to engine manual for more information or contact us. We will be glad to help.



WARNING

Unintentional sparking can result in fire or electric shock.

Before making adjustments or repair into the unit.

- Disconnect the spark plug.
- Disconnect battery at negative terminal (only engines with electric start).
- Use only correct tools.
- Replacement parts must be the same and installed in the same position as the original parts.

When checking for sparks

- Use an approved tester.
- Do not check for spark with spark arrestor removed.

Engine Maintenance Chart.

First 5 hours of use
• Change oil
Every 8 hours of use
• Check Oil Level
• Clean area around exhaust, controls and air intake.
• Clean recoil grille
Every 25 hours of use
• Clean air filter**
• Clean pre-filter (if fitted)

Every 50 hours of use

- Change oil (every 100 hours)
- Replace Oil Filter
- Check muffler and spark arrestor

Annually

- Change air filter.**
- Replace pre-filter (if equipped)
- Replace spark plug
- Clean air cooling components
- Replace Fuel Filter (if equipped)
- Check valve tolerance*

** Clean filters and air intakes more often in dusty conditions or when there is high density of airborne particles.

* Not required unless engine performance problems are detected.

Replacing Power Belt

1. Stop the engine, disconnect the spark plug and check that the engine has stopped completely.
2. Remove the bolts holding the belt guard and remove.
3. Loosen the bolts holding the engine at its base.
4. Adjust belt tension by loosening the tensioner bolt.
5. Proceed to replace and adjust tension again until it is felt tight by pressing down with the finger. If you have a belt tension tester, tension load range is from 7-9 lbs.
6. Test for alignment between pulley and clutch by using a straight edge. The gap between belt and edge should be constant along the straight edge's length. When testing alignment don't let the straight edge rest on the outer clutch drum surface as this action interferes with an accurate align measurement.
7. Bolt the belt guard in the same way it was disassembled.

Cleaning your Chipper

Carefully clean the cutting chamber after each use.

WARNING



The rotor blade is sharp. Wear leather gloves to protect your hands when cleaning the cutting chamber.

NOTE: Blasting pressurized water is not recommended.

Taking care of your engine

NOTE: Review the sections of maintenance and operation of the engine manual for detailed instructions.

1. Check the oil level.
2. Clean the engine regularly with a cloth or brush. Keep clean the air intake system to allow proper air circulation. Remove all grass, dirt and combustible debris from muffler area.

SERVICING

Rotor Blade

WARNING



The rotor blade is sharp. Wear leather gloves to protect your hands when the cleaning cutting chamber.

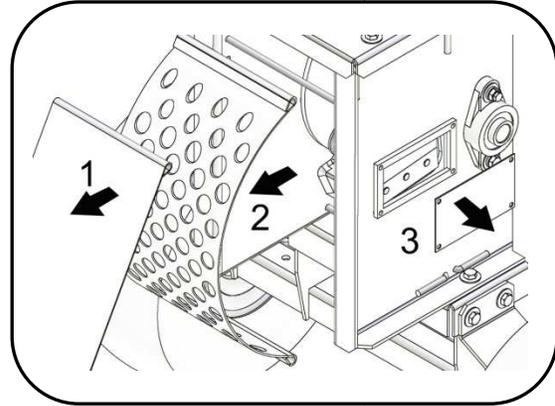
Blade re-sharpening

1. Stop the engine, disconnect the spark plug and check that the rotor of the chipper has stopped completely.
2. Remove the discharge deflector (**STEP 1**).
3. Remove the discharge size screen (**STEP 2**).
4. Remove the blade port by unscrewing the four 5mm hex socket screws. (**STEP 3**)
5. Blade must be sharpened at a 30deg. angle

and must not overheat to lose its heat treatment properties.

6. Retighten.

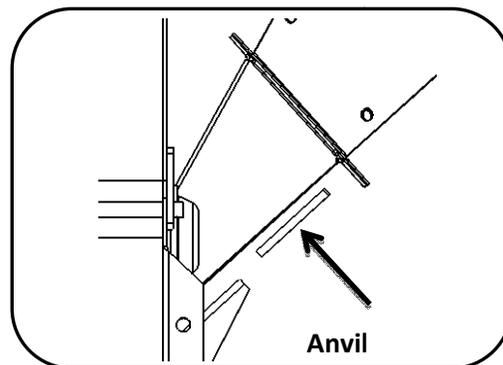
Tools used: 9/16" Hex Wrench , 5mm hex key.



NOTE: To remove the blade's bolts, it is recommended to place a piece of wood in between the rotor and the outside edge to prevent it from rotating when applying torque on the nuts from the back.

Anvil sharpening or adjustment

1. Loosen the bolts from under the anvil seating. Use a 9/16 "Hex Wrench and 5mm hex key.
2. Between the blade and the anvil, you must leave a space of approximately 3/16" (~5mm). This clearance is important to ensure best chipping performance
3. Make sure that the bolts are re tightened.

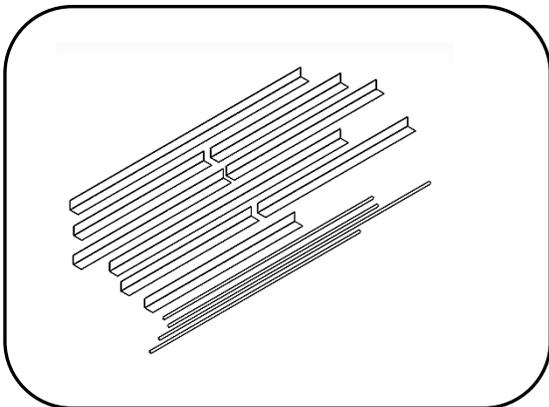


Storage of your unit.

1. Care must be taken to prevent rusting of the surfaces. Cover all equipment with a light coat of oil and use an oil-soaked cloth for cleaning all equipment. Cover the chipper with a big plastic bag to prevent the environmental conditions from harming the equipment.
2. Follow the lubrication recommendations engine for off-season storage.
3. Store equipment in a clean, dry area. Never store the machine or fuel container where there is an enclosed space, fire presence, spark or pilot light such as water heaters, furnaces, clothes dryers, etc.

What to do with the metal cage package?

You may modify the box as storage purposes, or you can cut it with a hand saw into little pieces. These can be disposed in local garbage afterwards if needed.



CAUTION

Wear leather gloves to protect your hands when cutting the corners.

Have any more questions?

Please contact us at:

www.yardbeast.com

(Customer Contact Form)

Or you may call us at:

(305) 396-3396

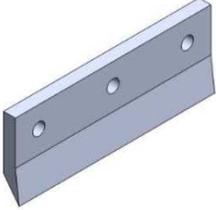
If you feel like writing us you may do so at:

customer.service@yardbeast.com

TROUBLESHOOTING

Problem	Cause	Solution
Engine does not start	<ol style="list-style-type: none"> 1. The spark plug is disconnected 2. The fuel tank is empty. 3. Shut-off valve is closed. 4. Dirty air filter. 5. The carburetor is dirty. 	<ol style="list-style-type: none"> 1. Connect the cable to spark plug. 2. Fill tank with clean, fresh fuel. 3. Turn the fuel valve ON 4. Clean or replace the air filter 5. Take it to the engine manufacturer authorized workshop
Low blade performance	<ol style="list-style-type: none"> 1. The blade is not in correct position. 2. The blade has dull edge. 3. Blade has cracks 	<ol style="list-style-type: none"> 1. Check and correct the position. 2. Sharpen the blade. 3. Replace blade.
Low engine performance	<ol style="list-style-type: none"> 1. Lack of fuel. 2. The carburetor is dirty 3. Obstructed air filter 4. Loose spark plug cable 	<ol style="list-style-type: none"> 1. Fill the fuel tank. 2. Take engine to an authorized workshop. 3. Clean or replace the air filter. 4. Connect and tighten spark plug wire.
Engine overheats	<ol style="list-style-type: none"> 1. The engine oil level is low. 2. Restricted air flow. 	<ol style="list-style-type: none"> 1. Fill crankcase with proper oil. 2. Remove blower housing and clean.
Engine is erratic	<ol style="list-style-type: none"> 1. The spark plug wire is loose. 2. Fuel is old. 3. Water or dirt in fuel system. 4. The air filter is dirty. 5. Valve tolerance out of specification. 	<ol style="list-style-type: none"> 1. Connect and tighten spark plug wire. 2. Fill tank with clean, fresh fuel. 3. Drain the fuel tank. Refill with fresh fuel. 4. Clean air filter 5. Take the engine to authorized workshop.

SPARE PARTS LIST

Component	Part Number and Description
 A long, rectangular metal blade with two circular holes near each end.	# PART: 2090 BLADE
 A dark, rectangular metal anvil with two circular holes near each end.	# PART: 2090410 ANVIL
 A curved, perforated metal screen with a grid of small circular holes.	# PART: 2090402 SIZE SCREEN
 A long, thin metal power belt with a U-shaped end.	# PART: 2090304 POWER BELT (x2)
 A cylindrical metal clutch with a central hub and a flange.	# PART: 2090309 CLUTCH
 A large, circular metal turf wheel with a central hub and a wide, flat tread.	# PART: 2090206 15-INCH TURF WHEEL

Manufacturer's Warranty

The limited warranty set forth below is given by Rederick Metal Industries Corp. – towards the YARDBEAST Chippers Outdoor Power Equipment line, with respect to new merchandise purchased and used in the continental United States.

Rederick Metal Industries Corp. warrants this product against defects for a period of two (2) year commencing on the date of original purchase and will, at its option, repair or replace, free of charge, any part found to be defective in materials or workmanship. This limited warranty shall only apply if this product has been operated and maintained in accordance with the Operator's Manual furnished with the product, and has not been subject to misuse, abuse, commercial use, neglect, accident, improper maintenance, alteration, vandalism, theft, fire, water, or damage because of peril, natural disaster or by acts of God.

Normal wear parts or components thereof are subject to separate terms as follows: All normal wear parts or component failures will be covered on the product for a period of 90 days regardless of cause. After 90 days, but within the two year period, normal wear parts failures will be covered ONLY IF caused by defects in materials or workmanship of OTHER component parts. Normal wear parts and components include, but are not limited to: belts, tires, knives, counter knives, knives adapters, flails, centrifugal clutch and bearings.

How to obtain service: Please contact Rederick MI Corp, Miami FL 33142. For info on how to service your machine contact us at (305)-396-3396 or write to customer.service@yardbeast.com or log on to our website at www.yardbeast.com.

This limited warranty does not provide coverage in the following cases:

- a. The engine or components parts thereof. These items carry a separate manufacturer's warranty. Refer to applicable manufacturer's warranty for terms and conditions.
- b. Centrifugal damage or components thereof. These items carry a separate manufacturer's warranty. Refer to applicable manufacturer's warranty for terms and conditions.
- c. Routine maintenance items such as lubricants, filters, blade sharpening, tune-ups, clutch adjustments, and normal deterioration of the exterior finish due to use or exposure.
- d. Rederick MI Corp. Does not extend any warranty for products sold or exported outside the continental United States; except those sold through authorized Rederick MI Corp. Dealers and/or channels of export distribution.
- e. Parts that are not genuine to the Yardbeast Chipper line will not be covered by this or any other warranty expressed by Rederick MI Corp.
- f. Transportation charges and service calls are not covered.

No implied warranty, including any implied warranty of merchantability or fitness for a particular purpose, applies after the applicable period of express written warranty above as to the parts as identified. No other express warranty, whether written or oral, except as mentioned above, given by any person or entity, including a dealer or a retailer, with respect to any product manufactured by us shall bind Rederick Metal Industries Corporation. During the period of the warranty, the remedy is repair or replacement of the product as set forth above.

The provisions as set forth in this warranty provide the sole and exclusive remedy arising from the sale. Rederick Metal Industries Corp. shall not be liable for incidental or consequential loss or damage including, without limitation, expenses incurred for substitute or replacement lawn care services or for rental expenses to temporarily replace a warranted product.

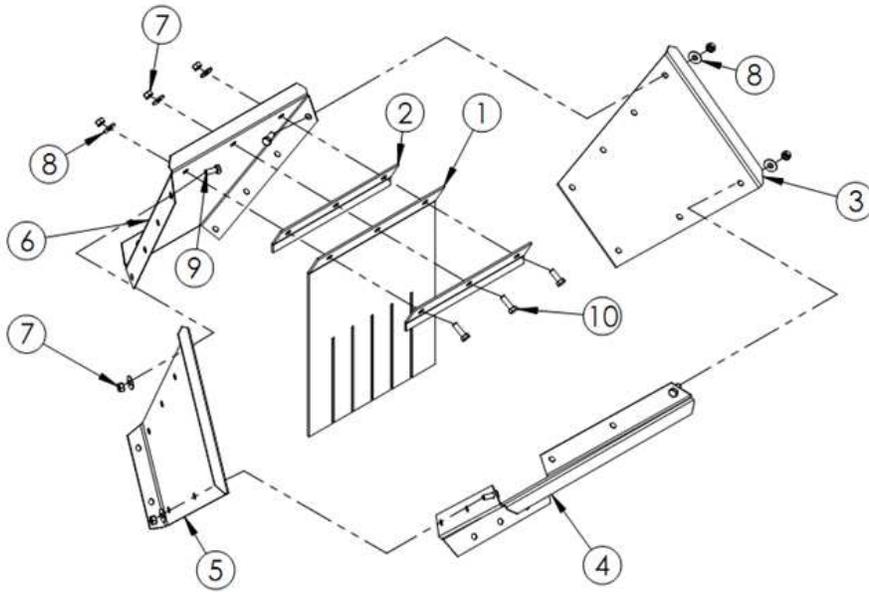
Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.

In no event shall recovery of any kind be greater than the amount of the purchase price of the products sold. Alteration of safety features of the product shall void this warranty. You assume the risk and liability for loss, damage or injury to you and your property and/or others and their property arising out of the misuse or inability to use this product.

This limited warranty shall not extend to anyone other than the original purchaser or to the person for whom it was purchased as a gift.

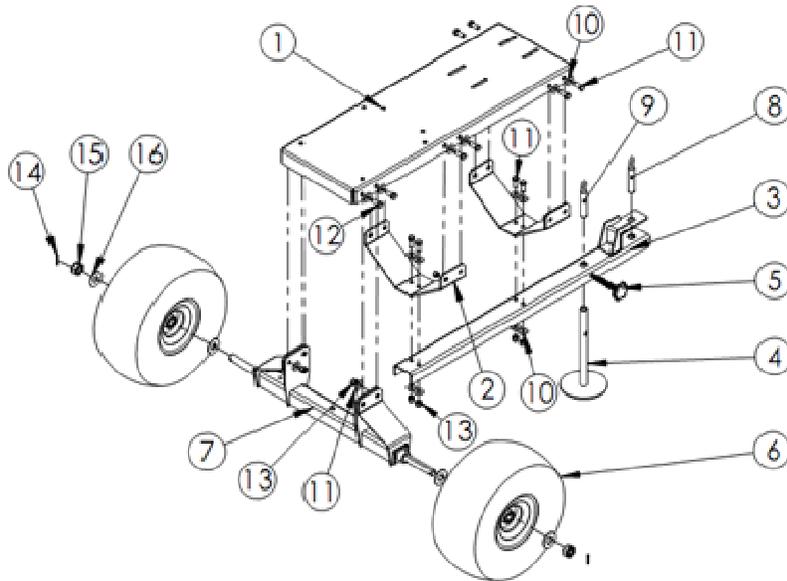
This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

CHIPPING HOPPER



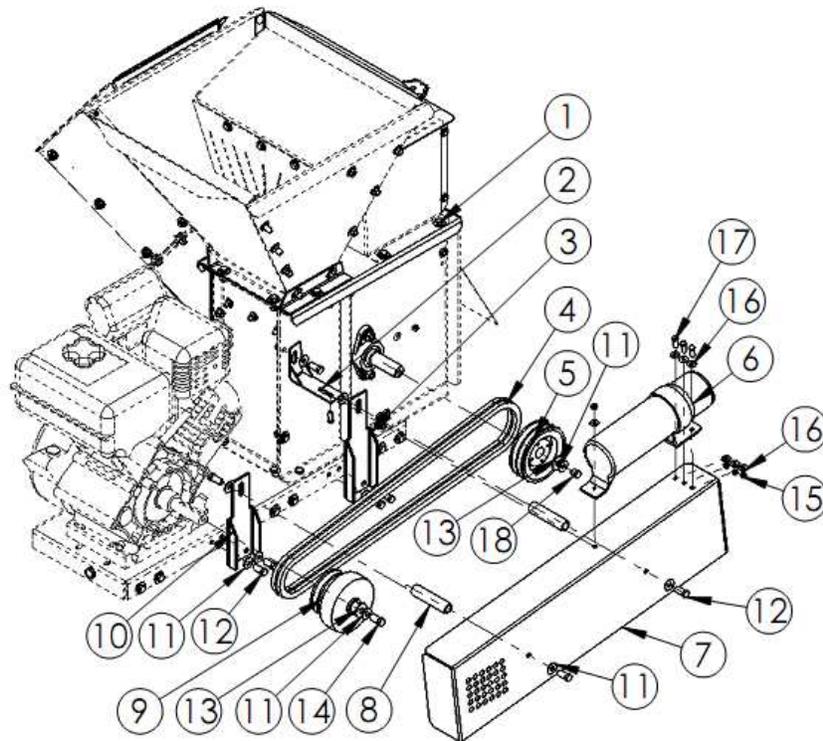
No	Component	Part No.
1	Rubber deflector	2090101
2	Rubber holder	2090102
3	Right side cover	2090103
4	Bottom cover	2090104
5	Left side cover	2090105
6	Top Cover	2090106
7	5/16" Hex lock nut	2090107
8	5/16" Flat washer	2090108
9	5/16" x 3/4" Hex bolt	2090109
10	5/16" x 1" Hex bolt	2090110

BASE & TOWING KIT



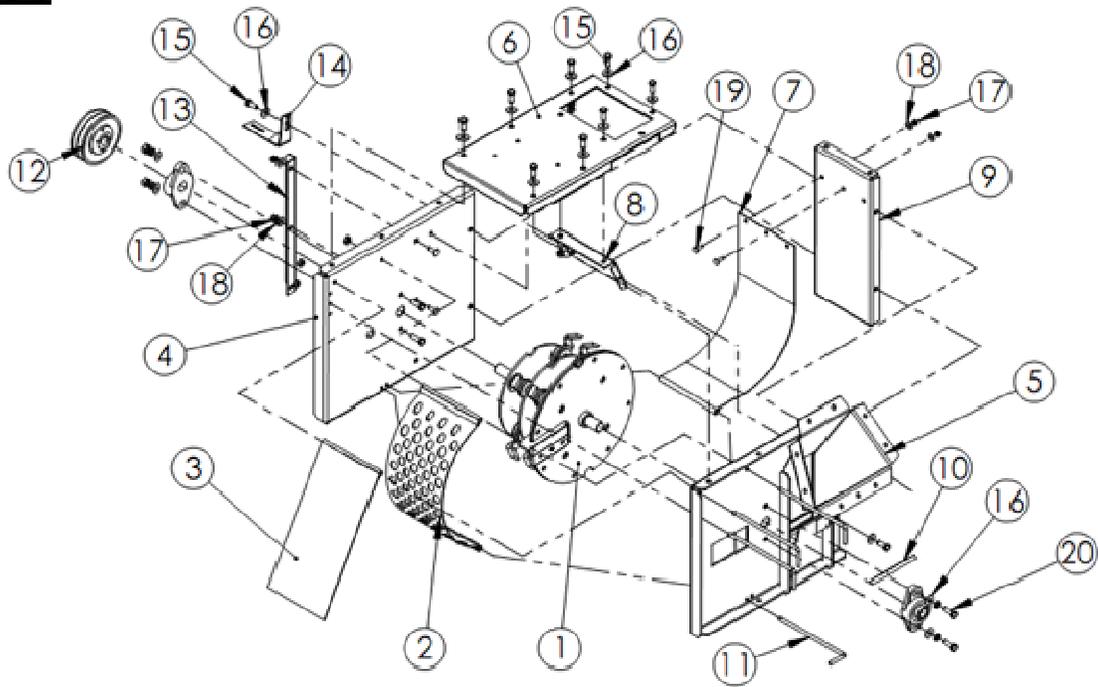
No	Component	PartNo.
1	Base	2090201
2	Front support	2090202
3	Hitch	2090203
4	Trailer stand	2090204
5	Knob	2090205
6	Pneumatic wheel	2090206
7	Trailer axle	2090207
8	Hitch pin	2090208
9	Ring	2090209
10	3/8" Lock washer	2090210
11	3/8" x 1" Hex bolt	2090211
12	3/8" x 1 1/2" Hex bolt	2090212
13	3/8" Hex nut	2090213
14	Cotter pin	2090214
15	3/4" Slotted nut	2090215
16	3/4" Flat washer	2090216

BELTGUARD



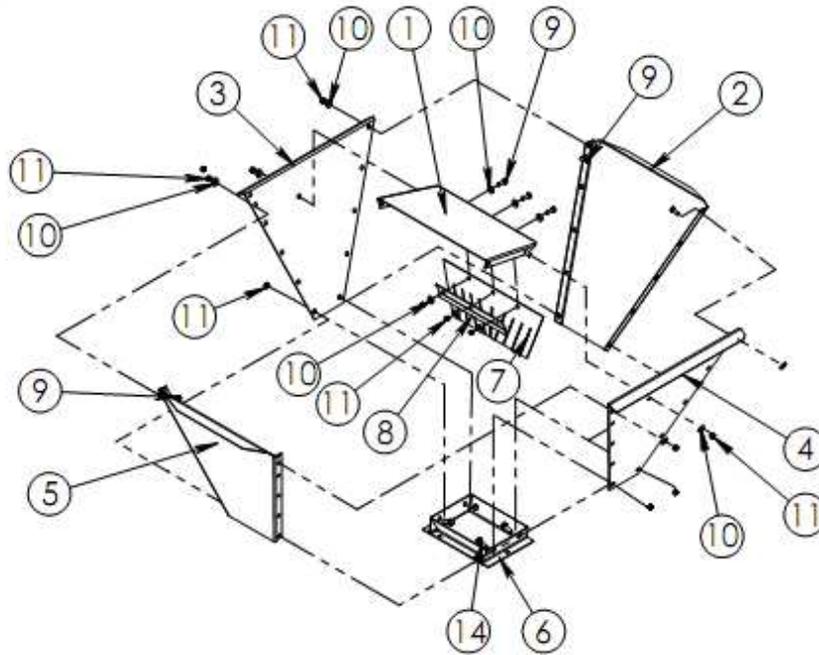
No	Component	PartNo.
1	Chipper	2090301
2	Belt Guard support	2090302
3	Large belt guard support	2090303
4	Belt	2090304
5	Pulley	2090305
6	Manual canister	2090306
7	Belt guard	2090307
8	Spacer	2090308
9	Clutch	2090309
10	Small guard support	2090310
11	3/8" Flat washer	2090311
12	3/8" x 1" Hex bolt	2090312
13	1/2" Flat washer	2090313
14	7/16" x 1" G5 Hex bolt	2090314
15	1/4" Hex Lock nut	2090315
16	1/4" Flat washer	2090316
17	1/4" x 1" Hex bolt	2090317
18	3/8" x 1" G5 Hex bolt	2090318

CHIPPER



No	Component	PartNo.
1	Rotor	2090401
2	Size screen	2090402
3	Product deflector	2090403
4	Right cover	2090404
5	Left cover	2090405
6	Top cover	2090406
7	Blind screen	2090407
8	Blowback cover	2090408
9	Front cover	2090409
10	Anvil	2090410
11	Pin L	2090411
12	Pulley	2090412
13	Support	2090413
14	Belt guard support	2090414
15	3/8" x 1" Hex bolt	2090415
16	Bearing unit	2090416
17	1/4" Hex lock nut	2090417
18	1/4" Flat washer	2090418
19	1/4" x 3/4" Carriage Bolt	2090419
20	3/8" x 1 3/4" Hex bolt	2090420

TOP HOPPER



No	Component	PartNo.
1	Blowback cover	2090501
2	Back cover	2090502
3	Right side cover	2090503
4	Left side cover	2090504
5	Front cover	2090505
6	Base top hopper	2090506
7	Rubber protection	2090507
8	Rubber holder	2090508
9	5/16" x 3/4" Carriage bolt	2090509
10	5/16" Flat washer	2090510
11	5/16" Hex lock nut	2090511
12	3/8" x 1" Hex bolt	2090512

NOTES: