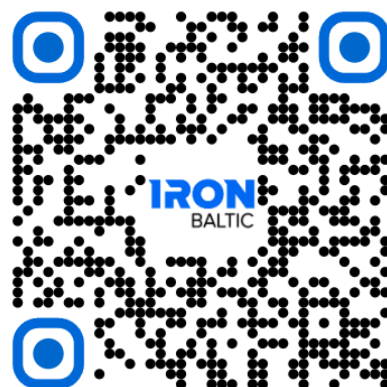


IRON BALTIC

WOOD CHIPPER

DOWNLOAD MULTILINGUAL
USER MANUAL



code.ironbaltic.com/u/UPVFCrPN

Code 76.5000

Version 17012024



Keep this manual for future reference!

If you need any spare parts, please send this packaging data to your local dealer or to Iron Baltic
sales@ironbaltic.com

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EC DECLARATION OF CONFORMITY

Manufactured by: Weifang Austter Industry and Trade Co., Ltd.
Address: East Mountain Industrial Park, Shuangfeng Avenue, Xing'an Street, AnQiu,
Weifang City, Shandong Province 262100, P. R. China

Agent: Iron Baltic OÜ
Address: Põldmäe tee 1, Vatsla 76915, Estonia

Product: Code: **76.5000**
Type: **Wood chipper**
Type: **DGS1500**

We certify that the product complies with the requirements of Directive **2006/42/EC** relating to the safety and functionality of the machinery, Directive **2000/14/EC** relating to the noise emission in the environment and is in compliance with the requirements of applicable standards: **EN ISO 12100:2010; EN 13525:2020; EN ISO 14982:2009.**

In witness whereof CE marking is attached to the product.

Notified body: TÜV Rheinland/CCIC (Qingdao) Co., Ltd.
Address: 6F, No.2 Bldg., No.175 Zhuzhou Road, Qingdao 266101, P.R. China

Measured sound power level: **111,2 dB**
Applicable conformity assessment procedure: **EN ISO 4871:2009.**

Place and date of issue of the declaration: 14.04.2021



.....
Tiit Norak
Iron Baltic OÜ
Member of the Board

INTRODUCTION

Thank you for choosing this product. This manual provides instructions on the safe operation and maintenance of the wood chipper. This machine is designed solely to chip wood and must not be used for any other purpose. The non-intended use of the wood chipper may cause economic loss and cause injuries; hence it is very important that the person who uses the product, reads this manual carefully and uses the product accordingly. It is potentially hazardous to fit or use any parts other than your dealer parts. Any misuse of the product releases the manufacturer from the responsibility for occurred damage and compensation of costs.

NOTE: We reserve the right to discontinue, change, and improve its products at any time without notice or obligation to the purchaser. The descriptions and specifications contained in this manual were in effect at printing. Equipment described within this manual may be optional. Some illustrations may not be applicable to your machine.



This symbol is used throughout the manual and on warning signs in order to warn users of the potential for serious injury. Before using the wood chipper, carefully read the safety instructions and make sure that you have understood them. Follow all instructions and ensure that everyone who uses the equipment follows them!

Keep this manual for future reference.

Based on the specifications for your model, please check that you have received all of the parts for your particular set.

SAFETY INSTRUCTIONS

Most accidents occur due to negligence or carelessness. Avoid unnecessary accidents and follow the safety instructions given below.

List of warnings and cautions cannot be all-inclusive. If situations occur that are not covered by this manual, the operator must apply common sense and operate this WOOD CHIPPER in a safe manner. Contact dealer for assistance in your area.

TRAINING

- Operators must be fully trained before using this machine.
- User manual is read and understood.
- Machine is positioned on level ground; all guards are fitted and in good condition.
- Blades are in good condition and secure. All blades are sharpened or replaced in sets.
- All fasteners are checked for tightness.
- Only WOODEN materials free of nails etc. are fed into the machine.
- Emergency stop wires is rightly connected and the switch is functional.
- Fire extinguisher is available on site.



GENERAL SAFETY

- Your Wood Chipper is a powerful tool, not a plaything. Exercise extreme caution at all times. The machine is designed to chip woods. Do not use it for any other purpose.
- Know how to stop the Wood Chipper quickly.
- Never operate your unit on a slippery, wet, muddy, or icy surface. Exercise caution to avoid slipping or falling.
- See manufacturer's instructions for proper operation and installation of accessories.
- Never use the machine without ensuring that all guards and shields are in place.
- Never, under any conditions, remove, bend, cut, fit, weld, or otherwise alter standard parts on the Wood Chipper. This includes all shields and guards. Modifications to your machine could cause personal injuries and property damage and will invalidate your warranty.
- If the machine starts to make an unusual noise or vibrate excessively, shut down the engine, disconnect the spark plug wire, keeping it away from the spark plug to prevent accidental starting, wait at least 5 minutes for engine to cool down, then inspect for damages. Vibration is generally a warning sign for trouble. Check damaged parts and clean, repair and/or replace as necessary.
- Never tamper with safety devices. Check their proper operation regularly.
- Before performing any maintenance or inspection procedure, shut down the engine, disconnect the spark plug wire, keeping it away from the spark plug to prevent accidental starting, wait 5 minutes for machine to cool down.
- Never allow people who are unfamiliar with these instructions to use the Wood Chipper. Allow only responsible individuals who are familiar with these rules of safe operation to use your machine.
- Never overload or attempt to chip woods beyond the manufacturer's recommendation. It could result in personal injury or damage to the machine.
- While using, don't hurry or take things for granted. When in doubt about the equipment or your surroundings stop the machine and take time to look things over.
- Never operate the machine when under the influence of alcohol, drugs, or medication.
- Use the machine only in daylight.
- Stay alert for hidden hazards or traffic when working with Wood Chipper.
- Do not aim the throw out chute at people or animals.
- Keep all nuts and bolts tight and keep the equipment in good operating condition.
- Never drive faster than 25km/h when towing the wood chipper, or what the vehicle manufacturer recommends (the lower speed must be observed).

WHEN USING THE WOOD CHIPPER

- Always feed from the side.
- It is better to have a second trained operator within easy reach of the machine.
- Maintain strict discipline at all times and service machine at specified periods.
- Note direction of discharge chute and if necessary, note the wind direction to prevent debris from being blown into highway or where it could affect members of the public.
- DO NOT put any part of your body into the in-feed chute while the machine is running.
- DO NOT operate the machine whilst under the influence of alcohol or drugs.
- DO NOT operate inside a building or confined space.

PROTECTING YOURSELF AND THOSE AROUND YOU

- Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people, their property, and themselves.
- Always wear protective goggles or safety glasses with side shields while using the Wood Chipper to protect your eyes from possible thrown debris.
- Avoid wearing loose clothing or jewellery, which can catch on moving parts.
- We recommend wearing gloves while using the Wood Chipper. Be sure your gloves fit properly and do not have loose cuffs or drawstrings.
- Wear shoes with non-slip treads when using your Wood Chipper. If you have safety shoes, we recommend wearing them. Do not use the machine while barefoot or wearing open sandals.
- Wear long pants while operating the Wood Chipper.
- Keep bystanders at least 12 m away from your work area at all times. Stop the engine when another person or pet approaches your work area.
- Never allow children to operate the Wood Chipper.

SAFETY WITH GASOLINE - POWERED MACHINES

- Never run the engine in an enclosed area or without proper ventilation as the exhaust from the engine contains carbon monoxide, which is an odourless, tasteless, and a deadly poisonous gas.
- Store all fuel and oil in containers specifically designed and approved for this purpose and keep away from heat and open flame, and out of the reach of children.
- Replace rubber fuel lines and grommets when worn or damaged and after 5 years of use.
- Fill the gasoline tank outdoors with the engine turned off and allow the engine to cool completely. Don't handle gasoline if you or anyone nearby is smoking, or if you're near anything that could cause it to ignite or explode. Reinstall the fuel tank cap and fuel container cap securely.
- If you spill gasoline, do not attempt to start the engine. Move the machine away from the area of the spill and avoid creating any source of ignition until the gas vapours have dissipated. Wipe up any spilled fuel to prevent a fire hazard and properly dispose of the waste.
- Allow the engine to cool completely before storing in any enclosure. Never store a machine that has gas in the tank, or a fuel container, near an open flame or spark such as a water heater, space heater, clothes dryer or furnace.
- Never make adjustments or repairs with the engine running. Shut down the engine, disconnect the spark plug wire, keeping it away from the spark plug to prevent accidental starting, wait 5 minutes before making adjustments or repairs.
- Never tamper with the engine's governor setting. The governor controls the maximum safe operation speed and protects the engine. Over-speeding the engine is dangerous and will cause damage to the engine and to the other moving parts of the machine. If required, see your authorized dealer for engine governor adjustments.
- Keep combustible substances away from the engine when it is hot.
- Never cover the machine while the muffler is still hot.
- Do not operate the engine with the air cleaner or the carburettor air intake cover removed. Removal of such parts could create a fire hazard. Do not use flammable solutions to clean the air filter.
- The muffler and engine become very hot and can cause a severe burn; do not touch.















IF ANYTHING THAT MIGHT DAMAGE EQUIPMENT HAPPENS DURING OPERATION, THE EQUIPMENT MUST BE INSPECTED TO DETECT AND ASSESS POSSIBLE DAMAGES. DAMAGES (FRACTURES IN THE STRUCTURE OR WELD, DEFORMED DETAILS) MAY HARM PROPERTY AND HEALTH OF PEOPLE. DO NOT CONTINUE OPERATING THE EQUIPMENT BEFORE ELIMINATION OF DAMAGES.

SAFETY LABELS

The warning labels shall be present on your wood chipper. If any of these labels is missing or damaged, contact the dealer of the wood chipper to replace the missing labels with new ones.

Meaning of warning labels

	Warning sign! What indicates a safety message and is mandatory!
	Read the manual before use!
	Use ear protectors!
	Use protective gloves!
	Use safety goggles
	No unauthorized persons are permitted in the work area!
	While working, keep your hands, feet and clothing away from the rotating parts.
	Cutting danger! Do not put your hands or feet near the cutter opening!
	A safe distance from device at least 12 meters!
	Risk of flying objects!
	Cutting danger! Do not try to clear the blockage with the engine running!
	Smoking and making fire near the device is prohibited



DANGER



- Read and understand the operator's manual before starting and using unit.
- Keep all shields and guards in place and securely attached.
- Keep hands, feet, face, clothing and long hair out of infeed bin, and discharge chute while the engine is running. Rotating cutting blades inside these openings can cause serious personal injury. Material being processed may bounce back from inlet openings or be thrown from the discharge chute. Long hair or loose clothing may be pulled or sucked into the inlet openings.
- If the chipper jams or becomes clogged, immediately shut off the engine and wait for all moving parts to come to a complete stop before clearing.
- If engine stalls because of a jam, move throttle control lever to stop position or shut off rocker to "0" if equipped before clearing.
- Do not install, remove, adjust, or service the discharge screen or any other part while the engine is running. Blade contact can occur.
- Do not operate on uneven ground where unit is unstable.
- To avoid a fire hazard, keep leaves, grass, and other combustible materials away from hot engine and muffler.
- Keep children and others away from area of operation.
- Wear approved safety glasses, gloves and ear protection.
- Do not operate on pavement, gravel or other hard surfaces since objects can ricochet and cause injury.



WARNING



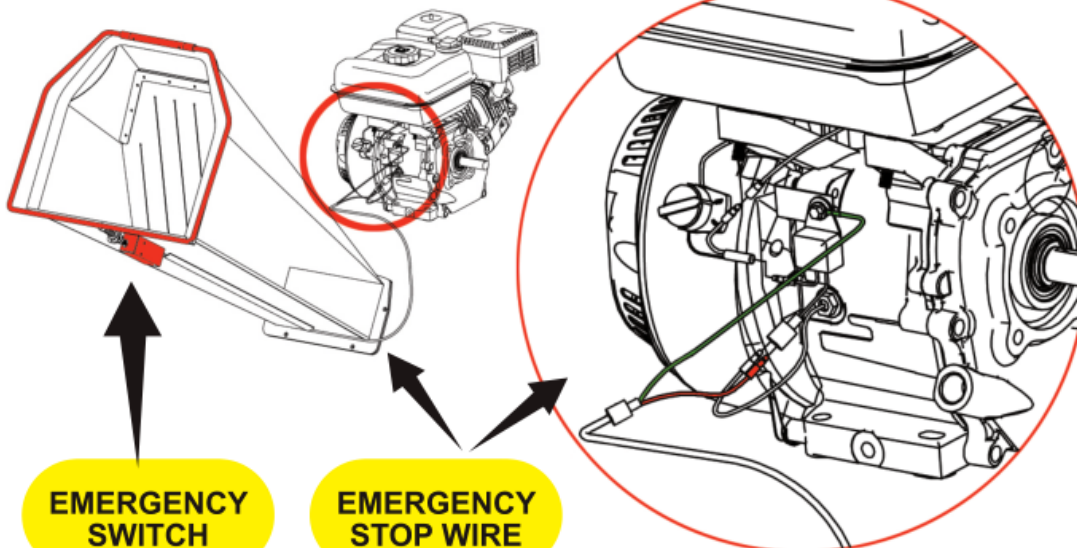
DO NOT place wood or branches over 120mm in diameter into the infeed bin. The blades may get stuck or jammed.

120mm
MAX



WARNING: EMERGENCY STOP

Make sure the emergency stop wire is connected correctly. Failure to do so may result in serious injury or death.



PRODUCT DESCRIPTION

Wood chipper is a compact product with a simple design, suitable for chipping smaller diameter (up to 120 mm) wood. Wood chips can be used for road covering, mulching, heating or other applications.

The wood chipper is easy to transport with any vehicle equipped with a 50 mm / 2" hitch ball and is suitable for small-scale forest work, park, and property maintenance. The compact size of the chipper ensures that when attached to an ATV or UTV, it is easy to manoeuvre in between trees and other hard to reach places and the light weight of the rig does not damage the environment. The wood Chipper is equipped with 420cc Briggs & Stratton 2100 XR engine.

Set of fenders and lights can be added to the Wood Chipper, which allows device to be transported on public roads as well. Set of fenders and lights is an optional extra.

Engine	13,5 HP 4 strokes 420 cc
Starting	Recoil starter
Fuel	Gasoline
Drive	Direct belt drive, centrifugal clutch
Chipping capacity	120 mm
Tire	19x7.0 - 8
Overall Height	1600 mm
Overall Length	2400 mm
Width	1080 mm
Weight	250 kg
Flywheel Max RPM	2400 (±200)

Table 1: Technical specification of the Wood Chipper

OPERATOR INSTRUCTIONS

PREPARATION

1. Read and understand all instructions, safety precautions, and/or warnings listed in “PART I: General Safety Rules” before operating the WOOD CHIPPER. If any doubt or question arises about the correct or safe method of performing anything found in this manual, please contact the dealer in your area.
2. When operating the Wood Chipper, make sure you are standing in the safe operating area (OPERATOR ZONE). Never place any part of your body into a position that causes an unsafe operating condition.
3. Before loading and operating the Wood Chipper, always wear protective gear, including safety goggles, hearing protection, tight-fitting gloves without draw strings or loose cuffs, and steel-toed shoes.
4. Knowing the correct and incorrect methods of Chipping woods. Never using an incorrect or unsafe method.

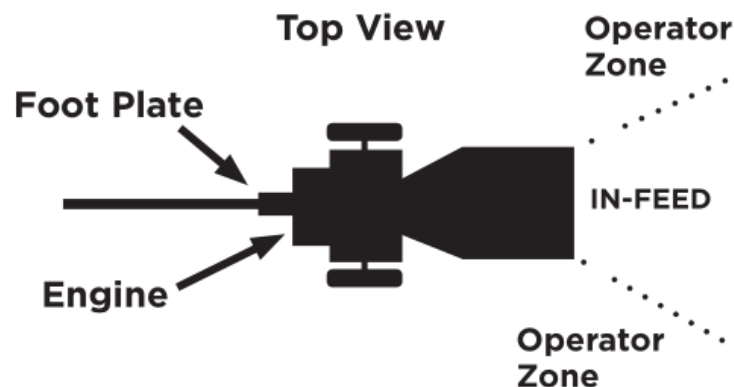


STARTING

1. Position your Wood Chipper on flat, dry ground, and then stop the wheel with chocks, make sure the machine cannot move.
2. Make sure the fuel shut-off valve is in the “ON” position.
3. Move the choke control lever to the “CHOKE” position (should only be needed if the engine is cold).
4. Move the throttle control lever to the “FAST” position.
5. Turn the ignition switch to the “ON” position. Grasp the recoil starter handle and slowly pull until you feel resistance. Let the cord retract a little bit then pull the cord rapidly to start the engine. One or two pulls usually starts the engine.
6. Move the choke control lever (if used for cold engine) slowly back to the “RUN” position when the engine is running well.
7. If the Wood Chipper has not been running for a while (cold engine), warm up the engine by running the engine at half throttle for 3 to 4 minutes, then advance the engine throttle control to the maximum speed.

WORKING

1. Woods and branches diameter should be no bigger than 120 mm.
2. Insert the branch into the wood chipper in front of the thicker section
3. If the flywheel stops while chipping woods or branches, the engine should be stopped immediately. When engine stops, take out the wood/branches which got stuck and stopped the flywheel, after that restart the engine, and continue chipping.
4. Operator zone:



STOPPING

1. Move the Throttle Lever to IDLE.
2. Turn the Ignition Switch to the OFF position.

MAINTENANCE



Before performing any maintenance procedure or inspection, stop the engine, wait at least five minutes to allow all parts to cool. Disconnect the spark plug wire, keeping it away from the spark plug.

REGULAR MAINTENANCE CHECKLIST

Procedure	Before Each Use	Every 8 Hours	Every 25 Hours	Every 100 Hours
Check engine oil level	•	•	•	•
Check general equipment condition	•	•	•	•
Check blades sharpness		•	•	•
Check the gap between blade and wear plate		•	•	•
Check belts		•	•	•
Check clutch			•	•
Check tire pressure			•	•
Clean engine exterior and cooling			•	•
Lubricate the bearings			•	•
Change spark plug				•

ENGINE

Refer to the engine manufacturer's user manual for engine maintenance.

BLADES

The gap between cutting blades and wear plate must be 2-3 mm (for smaller branches, the gap can be adjusted 1,5-2 mm). If the gap is not set correctly, you will have excessive vibration when chipping and blade seems to be dull. For cutting blades adjustment, see Part 8: Parts replacement, blades replacement point 3.

LUBRICATION

After every 25 hours lubricate the flywheel bearings. Use quality general purpose grease and add grease until you see the grease exits between the bearing seal.

TROUBLESHOOTING

Most problems are easy to fix. Consult the Troubleshooting Table below for common problems and their solutions. If you continue to experience problems, contact the dealer in your area.



Before performing any maintenance procedure or inspection, stop the engine, wait at least five minutes to allow all parts to cool. Disconnect the spark plug wire, keeping it away from the spark plug.

SYMPTOM	POSSIBLE CAUSE
<p>The engine won't start.</p> <p>(Please refer to the engine user manual for engine-specific procedures.)</p>	<ul style="list-style-type: none"> ➤ Is the ignition switch in the "ON" position? ➤ Is the fuel shut-off valve on? ➤ Are you using fresh, clean gas? If the gas is old, change it. Use a fuel stabilizer if you keep gas longer than 30 days. ➤ Is the spark plug clean? If the spark plug is dirty or cracked, change it. If it's oily, leave it out, hold a rag over the plug hole and pull the recoil cord several times to blow out any oil in the cylinder, then wipe off the plug and reinsert it.
<p>The engine lacks power or is not running smoothly.</p> <p>(Please refer to the engine user manual for engine-specific procedures.)</p>	<ul style="list-style-type: none"> ➤ Check that the Throttle Lever is in the "Run" position. ➤ Is the air filter clean? If it's dirty, change it following the procedure in the engine manufacturer's owner's manual. ➤ Is the spark plug clean? If it's fouled or cracked, change it. If it's oily, leave it out, hold a rag over the plug hole and pull your recoil cord several times to blow out any oil in the cylinder, then wipe off the plug and reinsert it. ➤ Are you using fresh, clean unleaded gas? If it's old, change it. Use a fuel stabilizer if you keep gas longer than 30 days. ➤ Check the oil level and adjust as needed.
<p>Engine smokes.</p> <p>(Please refer to the engine user manual for engine-specific procedures.)</p>	<ul style="list-style-type: none"> ➤ Check the oil level and adjust as needed. ➤ Check the air filter and clean or replace if needed. ➤ You may be using the wrong oil. Refer to your Engine Owner's Manual for detailed information. ➤ Clean the cooling fins if they're dirty.
<p>Machine does not seem to have full chipping power.</p>	<ul style="list-style-type: none"> ➤ Check that the Throttle Lever is in the "Run" position. ➤ Stop the engine, open the flywheel cover and make sure that the flywheel moves freely. Clean the area around the flywheel if needed. ➤ The belts may be too loose and slipping. Adjust or replace belts as need. ➤ Check the blades. The dull blade must be replaced with the new one.
<p>Engine runs but flywheel doesn't rotate</p>	<ul style="list-style-type: none"> ➤ Stop the engine, open the flywheel cover and make sure that the flywheel moves freely. Clean the area around the flywheel if needed ➤ The belts may be too loose and slipping. Adjust or replace belts as need. ➤ Check the centrifugal clutch. Replace it if needed
<p>Increased vibration</p>	<ul style="list-style-type: none"> ➤ Check the condition of the blades. Their gap and mounting bolts tightness.

ASSEMBLING INSTRUCTIONS

Pos.	Description	Amount
1	Wood chipper assembly	1
2	Feeding hopper	1
3	Drawbar with support wheel	1
4	Discharge chute	1
5	Wheel axle	2
6	Wheel	2
7	Bolt M6x20 DIN933	6
8	Bolt M6x25 DIN933	2
9	Bolt M8x25 DIN933	2
10	Bolt M10x30 DIN933	8
11	Bolt M12x30 DIN933	8
12	Bolt M12x70 DIN931	2
13	Washer Ø6 DIN125	8
14	Washer Ø8 DIN125	2
15	Washer Ø10 DIN125	8
16	Washer Ø12 DIN125	12
17	Spring washer Ø6 DIN127	8
18	Spring washer Ø10 DIN127	8
19	Spring washer Ø12 DIN127	8
20	Nyloc nut M6 DIN985	8
21	Nyloc nut M8 DIN985	2
22	Nyloc nut M10 DIN985	8
23	Nyloc nut M12 DIN985	10



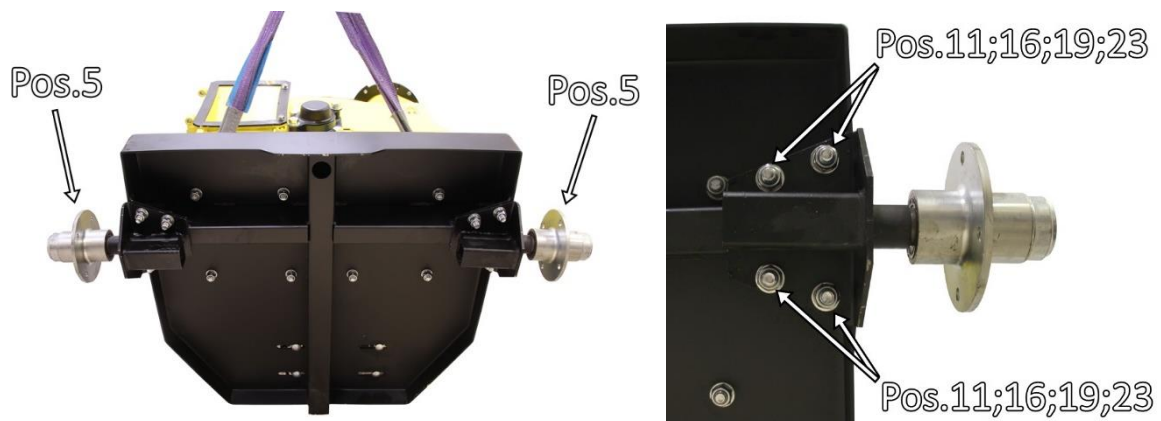
Step 1

Lift the back of the wood chipper and support it.
Use a winch or two people to lift.



Step 2

Install the wheel axis (Pos.5). Use M12x30 bolts (Pos.11), Ø12 washers (Pos.16), Ø12 spring washers (Pos.19) and M12 nyloc nuts (Pos.23) for fastening.



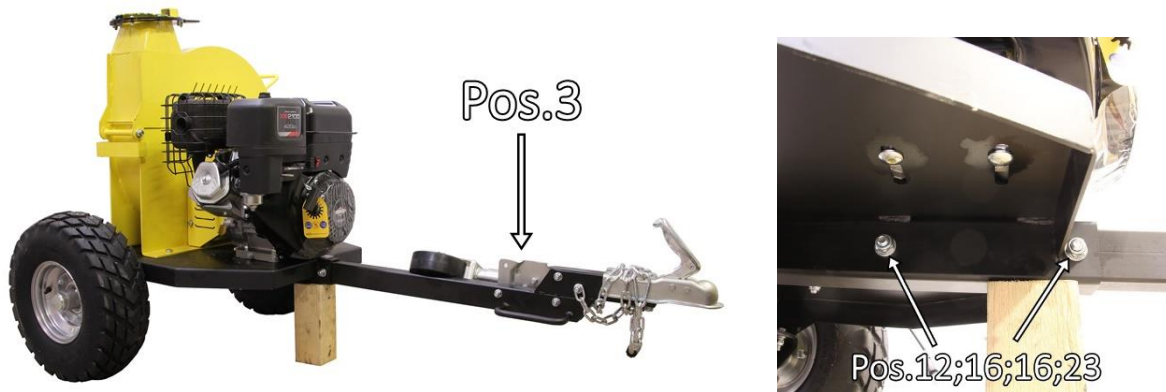
Step 3

Install the wheels (Pos.6). Use M10x30 bolts (Pos.10), Ø10 washers (Pos.15), Ø10 spring washers (Pos.18) and M10 nyloc nuts (Pos.22) for fastening.



Step 4

Lift the front of the wood chipper, support it and install the drawbar (Pos.3). Use M12x70 bolts (Pos.12), Ø12 washers (Pos.16) and M12 nyloc nuts (Pos.23) for fastening.



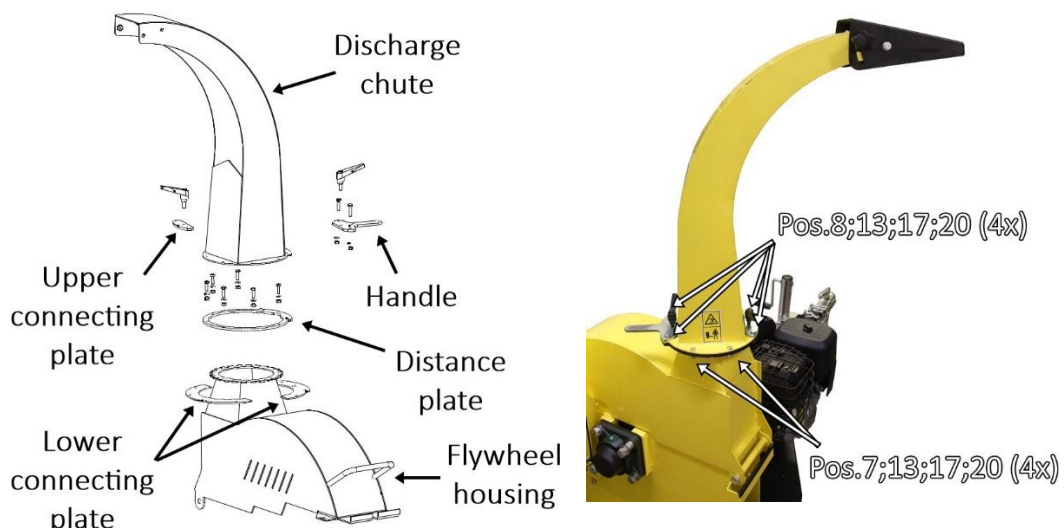
Step 5

Remove the discharge chute locks, rotating distance plate and lower connection plates from the wood chipper. NB! Remember the arrangement of the plates and the locking parts!



Step 6

Install the discharge chute (Pos.4) with the parts removed in the previous step. The lower connecting plates must be installed under the plate attached to the flywheel housing, then the rotating distance plate onto the connecting plates and the discharge chute onto the rotating distance plate. Top of the discharge chute place the upper connecting plate and handle (see figure). Use M6x20 bolts (Pos.7), M6x25 bolts (Pos.8), Ø6 washers (Pos.13), Ø6 spring washers (Pos.17) and M6 nyloc nuts (Pos.20) for fastening.



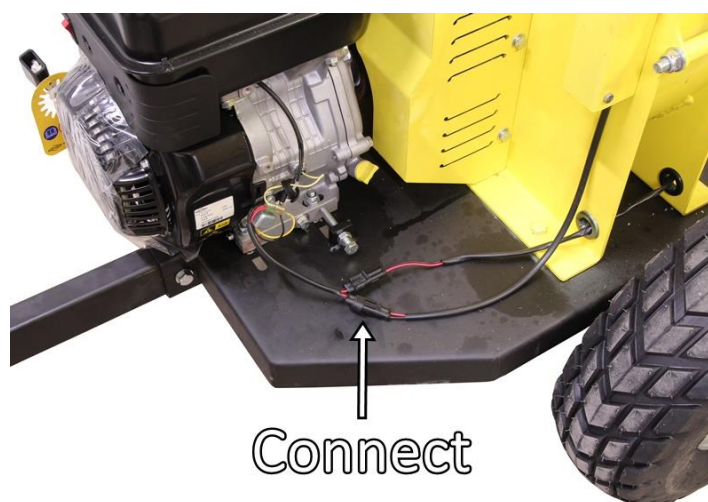
Step 7

Install the feeding hopper (Pos.2). Use M8x25 bolts (Pos.9), Ø8 washers (Pos.14) and M8 nyloc nuts (Pos.21) for fastening.



Step 8

Connect the safety switches connectors.



SPARE PARTS REPLACEMENT

BLADES REPLACEMENT



Before performing any maintenance procedure or inspection, stop the engine, wait at least five minutes to allow all parts to cool. Disconnect the spark plug wire, keeping it away from the spark plug.



The wood chipper blades may only be sharpened by a professional workshop. Doing it yourself may damage the device and result a personal injury to the user.

Step 1

Open the flywheel housing. Turn the flywheel until you can see the blade mounting bolts (4 pcs.) completely. Remove the blade and replace it with a new one. Use thread lock glue on the bolts! Repeat to replace the second blade. NB! Before removing the last blade bolt, hold the blade so that it does not fall under the flywheel.



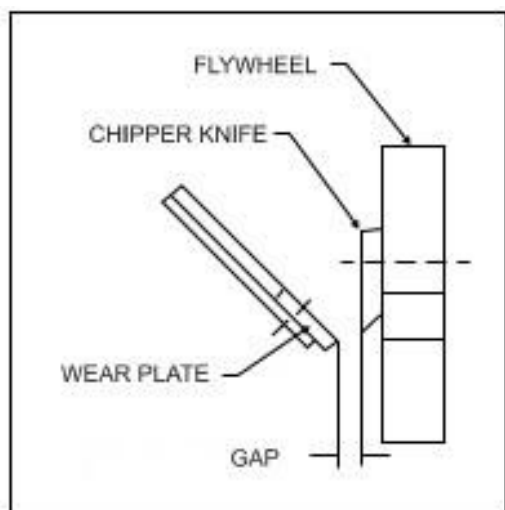
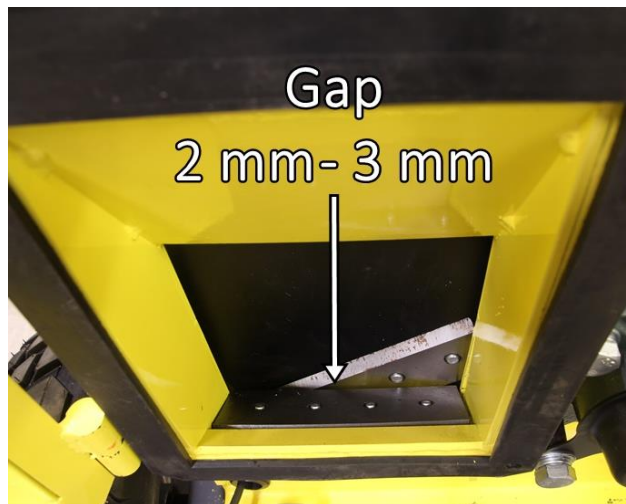
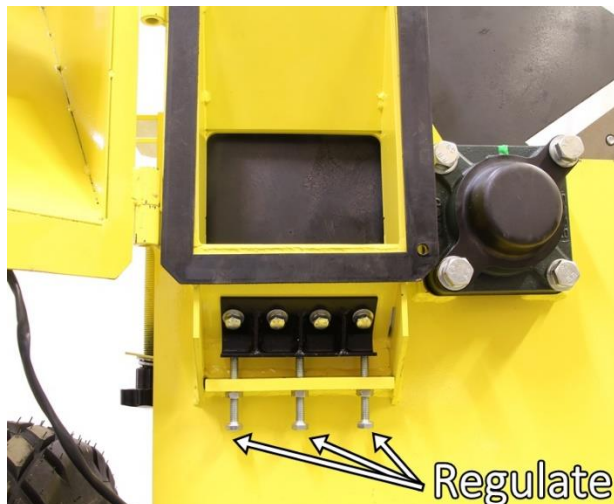
Step 2

Open the feeding hopper. Remove the wear plate and replace it with a new one. Use thread lock glue on the mounting bolts. Do not tighten the bolts completely. NB! Before removing the last blade bolt, hold the wear plate so that it does not fall under the flywheel.



Step 3

Turn the flywheel until the blade (chipper knife) and wear plate are aligned. Adjust the gap between the blades to 2-3 mm (for smaller branches, the gap can be adjusted to 1,5-2 mm) by turning the bolts under the feeding hopper. Turn the flywheel and check that the gap with the other cutting blade is the same and that the flywheel rotates freely. Fix the distance of adjusting bolts with nuts Tighten the wear plate bolts.



Step 4

Close the feeding hopper.

BELTS REPLACEMENT



Before performing any maintenance procedure or inspection, stop the engine, wait at least five minutes to allow all parts to cool. Disconnect the spark plug wire and keeping it away from the spark plug.

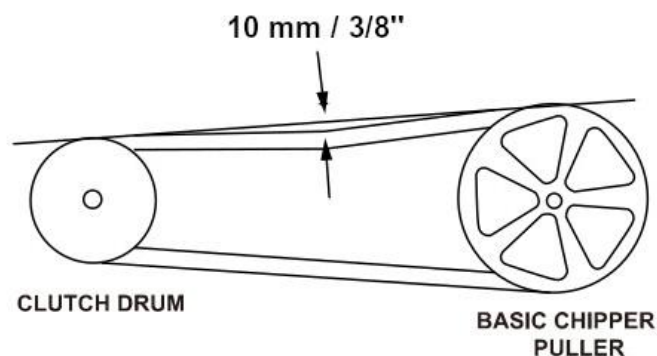
Step 1

Open the flywheel upper housing and remove the drive belt guard.



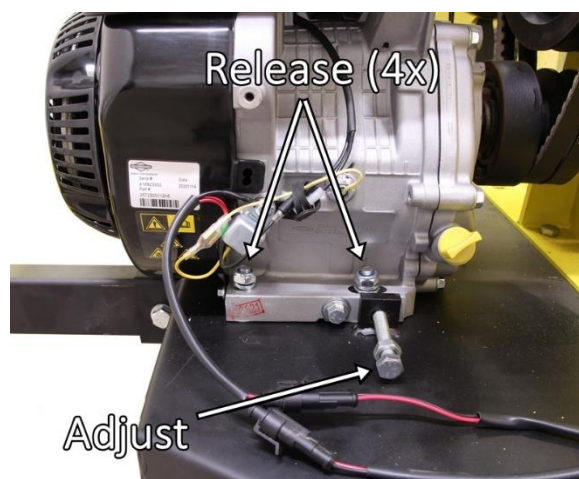
Step 2

Check the belt tension. The correct tension is when it is possible to compress the belts by hand approx. 10 mm (3/8").



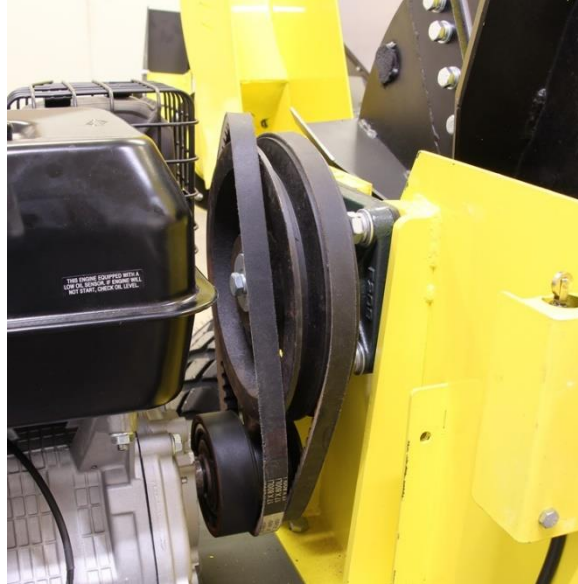
Step 3

To increase / decrease the belt tension, release the motor mounting bolts on both sides (4 pcs.), but do not remove them. To achieve correct belt tension, adjust the belt tensioner bolt.



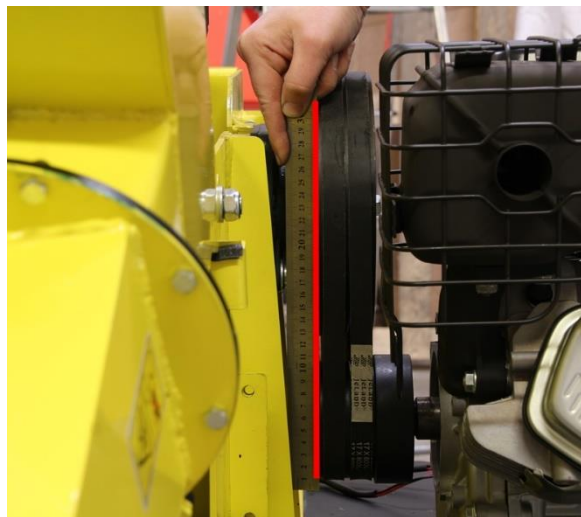
Step 4

Skip this point if the correct tension is reached. If tension cannot be achieved, it is necessary to replace the drive belts. To do this, loosen the belt tension bolt as loose as possible to remove worn belts. Replace them with new ones by turning the belts one by one onto the pulleys. Then adjust the belt tension with the belt tensioner bolt (see previous section). NB! The drive belts must always be replaced at the same time / in pair!



Step 5

When the correct tension is reached, secure the tensioning bolt with the nut and tighten the motor bolts (4 pcs.). Check the alignment of the pulleys. Turn the flywheel by hand and make sure that the drive belts move in a straight line on the pulleys. If necessary, loosen the motor bolts and reposition the motor.



Step 6

Reinstall the drive belt guard and close the flywheel housing.

CLUTCH REPLACEMENT



Before performing any maintenance procedure or inspection, stop the engine, wait at least five minutes to allow all parts to cool. Disconnect the spark plug wire and keeping it away from the spark plug.

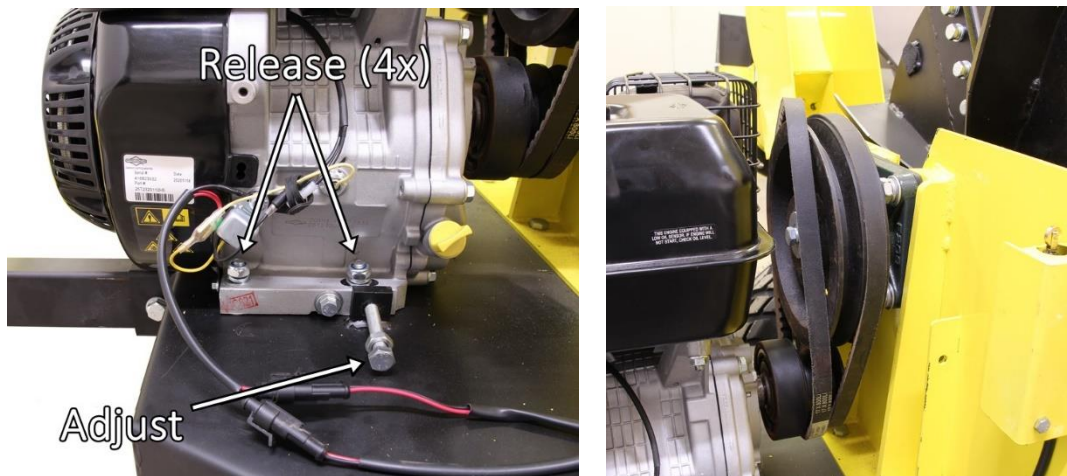
Step 1

Open the flywheel upper housing and remove the drive belt guard.



Step 2

Release the engine mounting bolts, loosen the belt tension bolt as much as possible and remove the drive belts.



Step 3

Remove the motor mounting bolts and position the motor so that there is free space on the clutch side of the motor for working with tools.



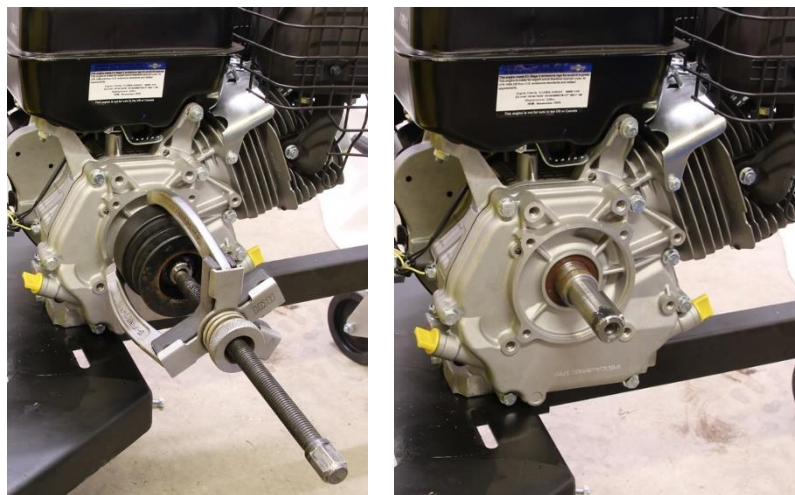
Step 4

Remove the clutch bolt together with washer and distance bush. It is recommended to use an impact wrench.



Step 5

Remove clutch. Use puller if needed.



Step 6

Install a new clutch, observe the position of the keyway and secure the clutch to the shaft with a key. Fasten the clutch bolt together with washer and distance bush. NB! Use thread lock glue on the bolt!



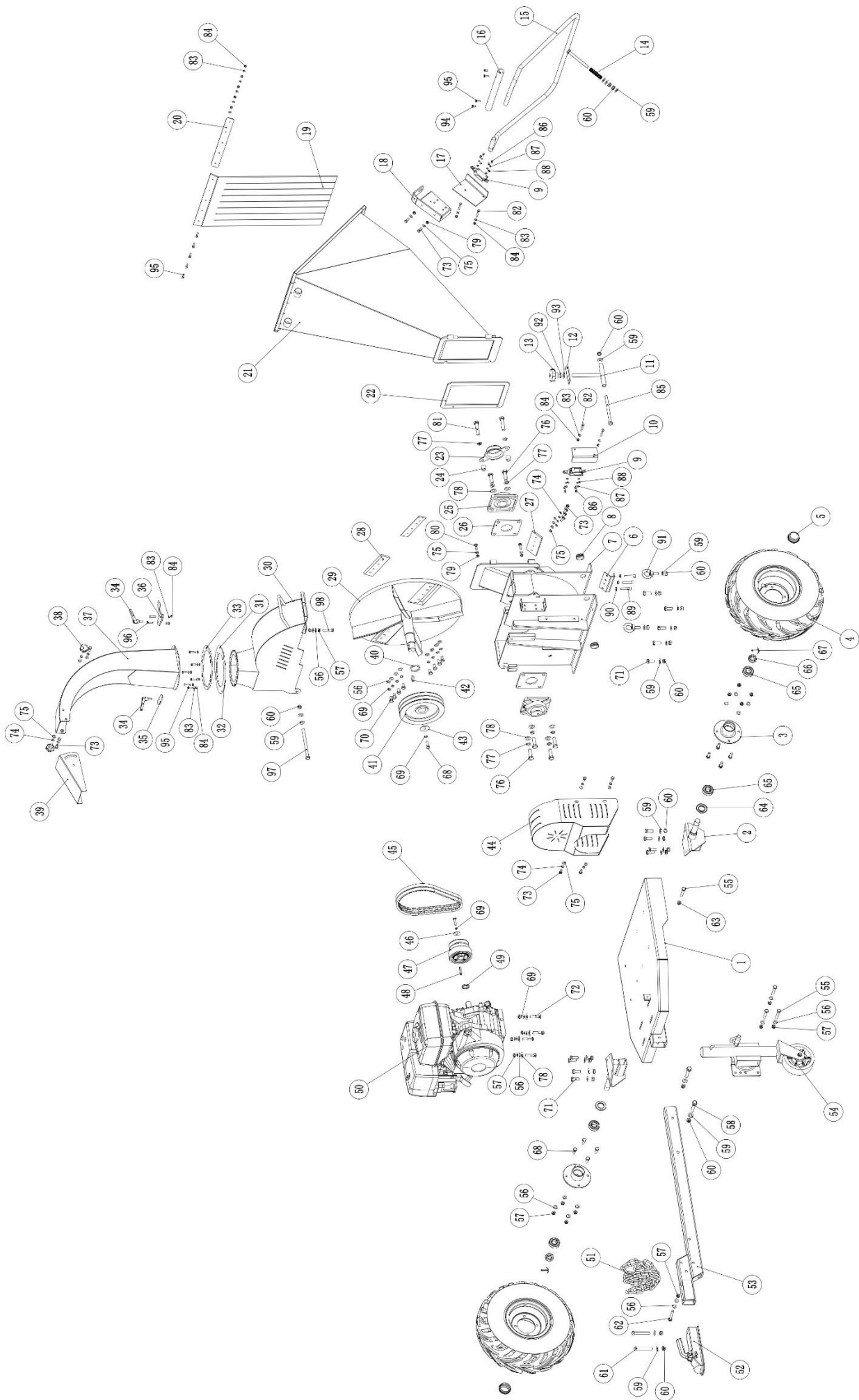
Step 7

Put the engine back in place and fasten it with bolts, but do not tighten the bolts until you have tightened the drive belts and aligned the pulleys (see Belts Replacement).

SPECIFICATION

Pos.	Description	Amount
1	Chassis	1
2	Wheel axis	2
3	Flange shaft sleeve	2
4	19*7.00-8 tire	2
5	Dust cover	2
6	Anvil mounting plate	1
7	Flywheel housing	1
8	Rubber grommet	2
9	Limit switch	2
10	Switch cover	1
11	Locking bar	1
12	Locking plate	1
13	Star bolt	1
14	Spring	1
15	Emergency stop bar	1
16	Bar connection sleeve	1
17	Switch cover	1
18	Switch mounting plate	1
19	Rubber chip baffle	1
20	Rubber mounting plate	1
21	Feeding hopper	1
22	In-feed to frame rubber	1
23	Bearing cover	1
24	Locating bush	2
25	UCFU208 Bearing	2
26	Bearing mounting plate	2
27	Anvil	1
28	Blade	2
29	Chipper disk	1
30	Disk cover	1
31	Junction plate 1	1
32	Junction plate 2	1
33	Rotating plate	1
34	Locking handle	2
35	Junction plate 3	1
36	Handle	1
37	Discharge chute	1
38	Star bolt M8x20	1
39	Deflector	2
40	Locating bush	1
41	Pulley	1
42	Flat key	1
43	Pulley gasket	1
44	Belt cover	1
45	V-belt 17x800Li	1
46	Clutch gasket	2
47	Clutch	1
48	Engine flat key	1
49	Locating bush	1
50	Engine	1
51	Safety chain	2
52	Coupler	1
54	Tow bar	1
55	Jockey wheel	1

56	Hex bolt M10x60	4
57	Flat washer 10	27
58	Lock nut M10	18
59	Hex bolt M12x70	2
60	Flat washer 12	25
61	Lock nut M12	23
62	Hex bolt M12x80	2
63	Hex bolt M10x70	1
64	Hex nut M10	1
65	Oil seal 52x30x7	2
66	Bearing 6205	4
67	Hex slotted nut M24x1.5	2
68	Split pin 4x45	2
69	Hex bolt M10x30	9
70	Spring washer 10	14
71	Hex bolt M10x20	8
72	Hex bolt M12x30	13
73	Carriage bolt M10x45	4
74	Hex bolt M8x20	12
75	Spring washer 8	12
76	Flat washer 8	16
77	Hex nut M14x45	6
78	Spring washer 14	8
79	Flat washer 14	10
80	Lock nut M8	2
81	Hex bolt M8x25	2
82	Hex nut M14x65	2
83	Hex bolt M6x50	4
84	Flat washer 6	17
85	Lock nut M6	17
86	Hex bolt M12x155	1
87	Hex nut M5x12	8
88	Spring washer 5	8
89	Flat washer 5	8
90	Hex socket bolt M8x45	3
91	Hex nut M8	3
92	Eyebolt M10x30	2
93	Spring washer 16	1
94	Flat washer 16	1
95	Hex bolt M6x12	2
96	Hex bolt M6x20	13
97	Hex bolt M6x25	2
98	Hex bolt M12x165	1



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