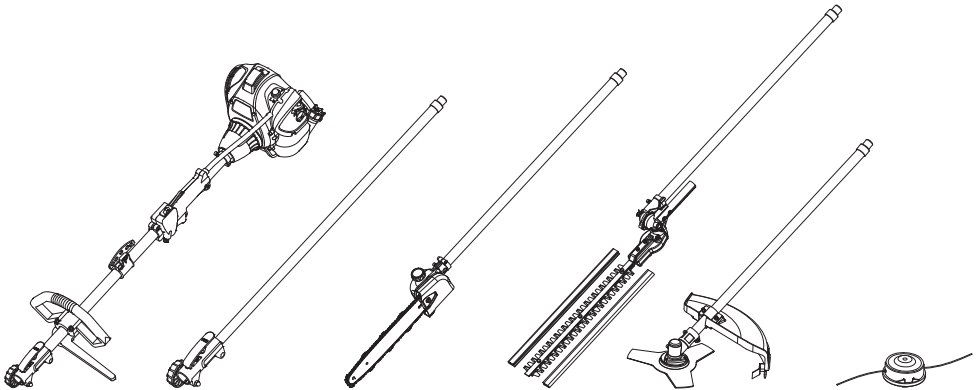


OPERATOR'S MANUAL

ST-MT340 MULTI-TOOL



IMPORTANT! IT IS ESSENTIAL THAT YOU READ THE INSTRUCTIONS IN THIS MANUAL BEFORE ASSEMBLING, OPERATING AND MAINTAINING THIS MACHINE.

Sherpa Tools Ltd.
ST-MT340 MULTI-TOOL

If you experience any problems with this product,
please do not return to the store. Contact Sherpa
Tools direct on our UK helpline.

UK Helpline: 01522 283 020
www.sherpatools.co.uk

May 2016

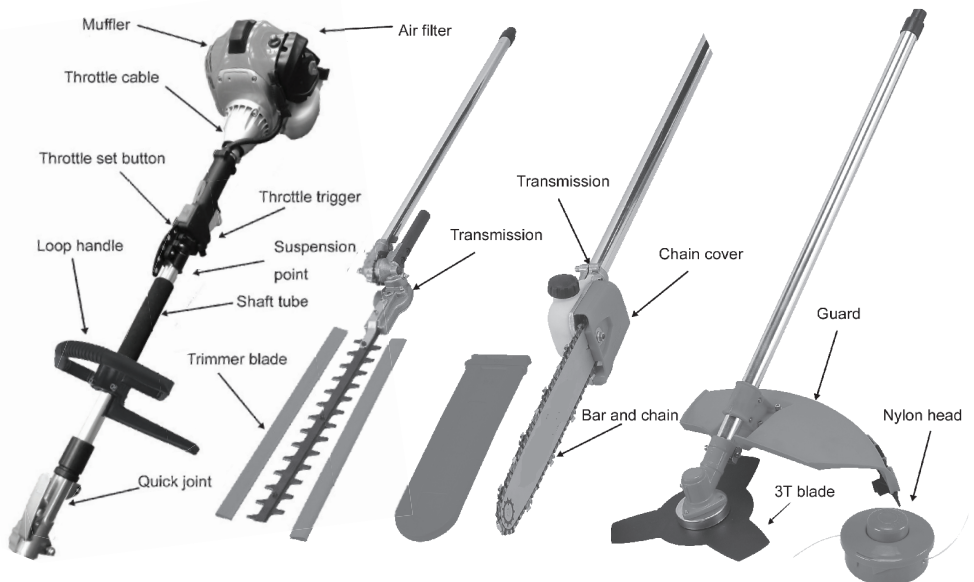
PRODUCT SPECIFICATION

Engine	1 Cylinder, 2-stroke, Air-cooled
Cylinder Capacity	34.9 cc
Power	1 HP Equivalent
Chainsaw Blade	10" (25.4cm)
Hedge Trimmer Blades	18" (45cm)
Maximum Cutting Capacity	0.75" (19 mm)
Hedge Trimmer Adjustment	Horizontal & Vertical Cutting
Strimmer Wire	Double 2.4 mm Cutting Wire
Brush Cutter	3 Edge Blade Edges & Nylon Head
Chainsaw Length	3.27m (with Extension Pole)
Hedge Trimmer Total Length	3.44m (with Extension Pole)
Brush Cutter Total Length	1.86m
Petrol : Oil Mixture	40:1
Tank Capacity	550 ml
Net Weight	12 kgs

Accessories

Extension Pole (105 cm), Chainsaw Blade and Saw-blade Guard, Double 2.4 mm cutting wire, Brush Cutter Blade, Fuel Mixing Bottle, Belt/Shoulder Strap, Tool Kit & Detailed User Manual.

ANATOMY



WARNING LABELS ON THE MACHINE



- (1) Read owners manual before operating this machine.
- (2) Wear head, eye and ear protection.
- (3) Wear foot protection.
- (4) Wear gloves.
- (5) Beware of thrown objects.
- (6) Warning / Attention
- (7) Keep all children, bystanders and helpers 15 meters away from the machine.



If warning label peels off or becomes soiled and impossible to read, you should contact the dealer from which you purchased the product to order new labels and affix them in the required location(s).



Never modify your machine.
The warranty is void if you make any modification to the machine or if you do not observe the proper usage guidance written in this manual.

For safe operation and maintenance, symbols are de-bossed into the machine. Observe these markings and the associated instructions in this manual for safe operation.



The port to refuel the PETROL / OIL MIXTURE
Position: FUEL TANK CAP



The direction to close the choke
Position: AIR FILTER COVER



The direction to open the choke
Position: AIR FILTER COVER



Adjusting Chain Oil Flow - Pole Pruner Attachment
Turn the screw anticlockwise (as per arrow on attachment) towards MAX increase oil flow rate.
Turn clockwise towards MIN to reduce oil flow rate.
Position: Bottom of pole pruner TRANSMISSION

FOR SAFE OPERATION

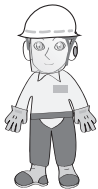


1. Read this manual carefully until you completely understand and follow all safety and operating instructions.
2. Keep this manual handy so that you may refer to it later whenever any questions arise. Also note, if you have any questions which cannot be answered herein, contact the dealer from whom you purchased the product.
3. Always be sure to include this manual when selling, lending, or otherwise transferring the ownership of this product.
4. Never allow children or anyone unable to fully understand the directions given in the manual to use the machine.



WORKING CONDITION

1. When using the product, you should wear proper clothing and protective equipment.



- (1) Helmet
- (2) Ear protectors
- (3) Protection goggles or face protector
- (4) Thick work gloves
- (5) Non-slip-sole work boots

2. And you should carry with you.
 - (1) Attached tools
 - (2) Properly **stored fuel**
 - (3) Spare blade
 - (4) Things to notify your working area (rope, warning signs)
 - (5) Whistle (for collaboration or emergency)
 - (6) Hatchet or saw (for removal of obstacles)



3. Do not wear loose clothing, jewelry, short trousers, sandals, or go barefoot. Do not wear anything which might be caught by a moving part of the unit. Secure hair so it is above shoulder length.

WORKING CIRCUMSTANCE

1. Never start the engine inside a closed room or building. Exhaust gases contain dangerous carbon monoxide.
2. Never use the product,
 - a. when the ground is slippery or when you can't maintain a steady posture.



- b. At night, at times of heavy fog, or at any other times when your field of vision might be limited and it would be difficult to gain a clear view of the working area.
- c. During rain storms, during lightning storms, at times of strong or gale-force winds, or at any other times when weather conditions might make it unsafe to use the product.



WORKING PLAN

1. You should never use the product when under the influence of alcohol, when suffering from exhaustion or lack of sleep, when suffering from drowsiness as a result of having taken cold medicine or at any other time when a possibility exists that your judgment might be impaired or that you might not be able to operate the product properly and in a safe manner.
2. When planning your work schedule, allow plenty of time to rest. Limit the amount of time over which the product is to be used continuously to somewhere around 30 ~ 40 minutes per session, and take 10 ~ 20 minutes of rest between work sessions. Also try to keep the total amount of work performed in a single day under 2 hours or less.



▲ WARNING

1. If you don't observe the working time, or working manner (See **FOR SAFE OPERATION**), Repetitive Stress Injury (RSI) could occur.

If you feel discomfort, redness and swelling of your fingers or any other part of your body, see a doctor before getting worse.

2. To avoid noise complaints, in general, operate product between 8 a.m. and 5 p.m. on weekdays and 9 a.m. to 5 p.m. on weekends.



NOTE

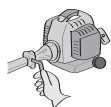
Check and follow the local regulations as to sound level and hours of operations for the product.

FOR SAFE OPERATION

BEFORE STARTING THE ENGINE



1. The area within a perimeter of 15 m of the person using the product should be considered a hazardous area into which no one should enter. If necessary, yellow warning rope, warning signs should be placed around the perimeter of the area. When work is to be performed simultaneously by two or more persons, care should also be taken to constantly look around or otherwise check for the presence and locations of other people working so as to maintain a distance between each person sufficient to ensure safety.
2. Check the condition of working area to avoid any accident by hitting hidden obstacles such as stumps, stones, cans, or broken glass.



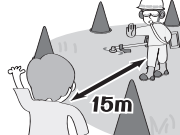
❗ IMPORTANT

Remove any obstacle before beginning work.



3. Inspect the entire unit for loose fasteners and fuel leakage. Make sure that the cutting attachment is properly installed and securely fastened.
4. Be sure the cutting attachment guard is firmly attached in place.
5. Always use the harness. Adjust the strap for comfort before starting the engine. The strap should be adjusted so the left hand can comfortably hold the handlebar grip approximately waist high.

STARTING THE ENGINE



1. Keep bystanders and animals at least 15 m away from the operating point. If you are approached, immediately stop the engine.
2. The product is equipped with a centrifugal clutch mechanism, so the cutting attachment begins to rotate as soon as the engine is started by putting the throttle into the start position. When starting the engine, place the product onto the ground in a flat clear area and hold it firmly in place so as to ensure that neither the cutting part nor the throttle come into

contact with any obstacle when the engine starts.

⚠ WARNING

Never place the throttle into the high-speed position when starting the engine.

3. After starting the engine, check to make sure that the cutting attachment stops rotating when the throttle is moved fully back to its original position. If it continues to rotate even after the throttle has been moved fully back, turn off the engine and take the unit to your authorised servicing dealer for repair

USING THE PRODUCT

❗ IMPORTANT



Cut only materials recommended by the manufacturer. And use only for tasks explained in the manual.



1. Grip the handles firmly with both hands using your whole hand. Place your feet slightly apart (slightly further apart than the width of your shoulders) so that your weight is distributed evenly across both legs, and always be sure to maintain a steady, even posture while working.
2. Keep cutting attachment below waist level.
3. Maintain the speed of the engine at the level required to perform cutting work, and never raise the speed of the engine above the level necessary.
4. If the unit starts to shake or vibrate, turn off the engine and check the whole unit. Do not use it until the trouble has been properly corrected.
5. Keep all parts of your body away from rotating cutting attachment and hot surfaces.
6. Never touch the muffler, spark plug, or other metallic parts of the engine while the engine is in operation or immediately after shutting down the engine. Doing so could result in serious burns or electrical shock.



FOR SAFE OPERATION

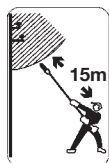


7. Never operate the pruner at an angle greater than 60 in order to reduce the risk of being struck by falling objects during operation.

⚠ WARNING

Approaching or contacting electric power lines with pruning saw may cause serious injury or death from electrocution.

Electricity can jump from one point to another by means of arcing or may be conducted through damp branches. Maintain a clearance of at least 15m between Pole saw and any electrical line carrying live current.



IF SOMEONE COMES

1. Guard against hazardous situations at all times. Warn adults to keep pets and children away from the area. Be careful if you are approached. Injury may result from flying debris.
2. If someone calls out or otherwise interrupts you while working, always be sure to turn off the engine before turning around.

MAINTENANCE

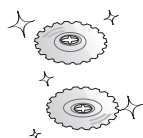
1. In order to maintain your product in proper working order, perform the maintenance and checking operations described in the manual at regular intervals.
2. Always be sure to turn off the engine and disconnect the spark plug wire before performing any maintenance or checking procedures.



⚠ WARNING

The metallic parts reach high temperatures immediately after stopping the engine.

3. When replacing the cutting attachment or any other part, or when replacing the oil or any lubricant, always be sure to use only authorised products or products which have been certified by your supplier
4. In the event that any part must be replaced or any maintenance or repair work not described in this

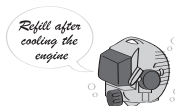


manual must be performed, please contact a representative from the store nearest ZENOAH authorised servicing dealer for assistance.

5. Do not use any accessory or attachment other than those bearing the ZENOAH mark and recommended for the unit.
6. Under no circumstances should you ever take apart the product or alter it in any way. Doing so might result in the product becoming damaged during operation or the product becoming unable to operate properly.

HANDLING FUEL

1. The engine of our 4 in 1 product is designed to run on a mixed fuel, which contains highly flammable petrol. Never store cans of fuel or refill the tank of the unit in any place where there is a boiler, stove, wood fire, electrical sparks, welding sparks, or any other source of heat or fire which might ignite the fuel.
2. Never smoke while operating the unit or refilling its fuel tank.
3. When refilling the tank, always turn off the engine and allow it to cool down. Take a careful look around to make sure that there are no sparks or open flames anywhere nearby before refueling.
4. Wipe spilled fuel completely using a dry rag if any fuel spillage occurs during refueling.
5. After refueling, screw the fuel cap back tightly onto the fuel tank and then carry the unit to a spot 3 m or more away from where it was refueled before turning on the engine.



TRANSPORTATION

1. When hand-carrying the product, cover over the cutting part if necessary, lift up the product and carry it paying attention to the blade.
2. Never transport the product over rough roads over long distances by vehicle without removing all fuel from the fuel tank. If doing so, fuel might leak from the tank during transport.



FOR SAFE OPERATION



1. When you finish cutting in one location and wish to continue work in another spot, turn off the engine, lift up the unit and carry it paying attention to the blade.
2. Never forget to place the protective cover over the blades.
3. When hand-carrying the product, cover over the cutting part if necessary, lift up the product and carry it paying attention to the blade.
4. Never transport the product over rough roads over long distances by vehicle without removing all fuel from the fuel tank. If doing so, fuel might leak from the tank during transport.



KICKBACK SAFETY PRECAUTIONS FOR CHAIN SAW USERS

⚠ WARNING

Kickback may occur when the nose or tip of the guide bar touches an object, or when the wood closes in and pinches the saw chain in the cut. Tip contact in some cases may cause a lightning fast reverse reaction, kicking the guide bar up and back towards the operator. Pinching the saw chain along the top of the guide bar may push the guide bar rapidly back towards the operator. Either of these reactions may cause you to lose control of the saw, which could result in serious personal injury.

Do not rely exclusively on the safety devices built into your saw. As a chain saw user you should take several steps to keep cutting jobs free from accident or injury.

- (1) With a basic understanding of kickback you can reduce or eliminate the element of surprise. Sudden surprise contributes to accidents.
- (2) Keep a good grip on the saw with both hands, the right hand on the rear handle, and the left hand on the front handle, when the engine is running. Use a firm grip with thumbs and fingers encircling the chain saw handles. A firm grip will help you reduce kickback and maintain control of the saw.
- (3) Make certain that the area in which you are cutting is free from obstructions. Do not let the nose of the guide bar contact a log, branch, or any other obstruction which could be hit while you are operating the saw.
- (4) Cut at high engine speeds.

- (5) Follow the manufacturers sharpening and maintenance instructions for the saw chain.
- (6) Only use replacement bars and chains specified by the manufacturer or the equivalent.

⚠ WARNING

Make sure the chain and sprocket are correctly adjusted before operating the pruner.

Never attempt chain adjustment with the engine running! Always make sure the cutting attachment is properly installed and firmly tightened before operation.

Never use a cracked or warped guide bar; replace it with a serviceable one and make sure it fits properly.

If a saw blade should bind fast in a cut, shut off the engine immediately. Push the branch or tree to ease the bind and free the blade.

Do not operate the pole pruner with the muffler removed.

When cutting a limb that is under tension, be alert for springback so that you will not be struck by the moving limb.

Always stop the engine immediately and check for damage if you strike a foreign object or if the machine becomes tangled. Do not operate with broken or damaged equipment.

❗ IMPORTANT

Do not make unauthorised modifications or substitutions to the guide bar or chain.

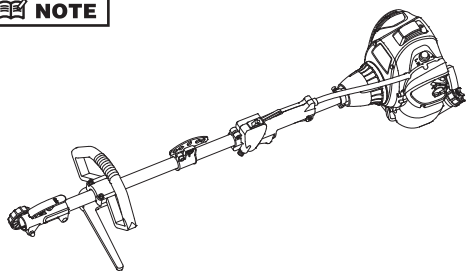
Never allow the engine to run at high RPM without a load. Doing so could damage the engine.

Keep the pruner as clean as possible. Keep it free of loose vegetation, mud, etc

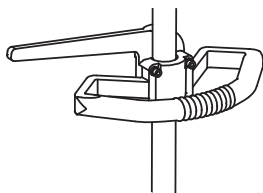
SET UP

INSTALLING HANDLE

NOTE

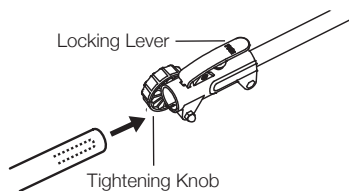


Mount the handle between the harness attachment point and the end of the main shaft at a position comfortable for the user.



Insert and tighten bolts supplied to secure the handle to the shaft in the desired position. Ensure the secondary grip of the handle is on the left of the shaft and in the direction as per the arrow on the grip.

JOINT ATTACHMENT



Push attachment shaft into main shaft. Locate the notch in attachment until the lever clicks closed.

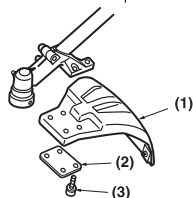
Check the shaft is located by trying to remove the attachment, it should not come out.

Then tighten knob to fully secure attachment.

SET UP

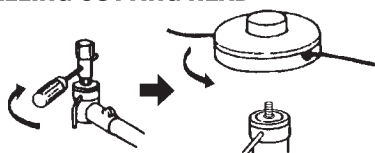
INSTALLING CUTTING ATTACHMENT GUARD

Put the cutting attachment guard on the gearbox, attach it with the 4 screws and hardware provided.



- (1) Cutting attachment guard
- (2) Plate
- (3) Screw

INSTALLING CUTTING HEAD



1. While locking the gear shaft, by inserting the supplied tool into the upper holder on the gearbox, loosen and remove the hexagon nut (left-handed).
2. Then screw in the cutting head to the gear shaft over the holders. Hand-tighten it securely.

HARNESS

⚠ WARNING

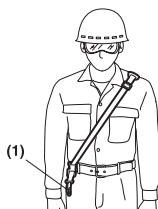
ALWAYS WEAR THE PROVIDED HARNESS WHEN USING THE MACHINE!

Always make sure the machine is hooked securely to the harness.

If you don't, you will be unable to control the machine safely. This can result in injury to yourself or others. Never use a harness with a defective quick release or any other damage.

HOW TO WEAR

1. Wear the provided harness without twisted bands, with the hanger on your right side.



(1) Hanger

BALANCE THE UNIT

1. Hook your machine to the hanger.
2. Adjust the bands of the harness to have the blade parallel to the ground when standing in your normal working position to provide you most effectiveness and comfort on operating the machine.
3. In order to prevent the hanger position to change during operation, turn up the extra part of the band from the buckle.

4. When correctly adjusted, check the correct working of the harnesses' QUICK RELEASE.



QUICK RELEASE

The harness is equipped with a "QUICK RELEASE" device. To release the machine from the harness in emergency situations, please follow the procedure as explained below.

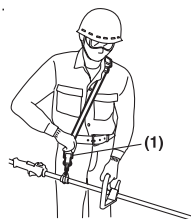
⚠ WARNING

Make sure to check proper working of the QUICK RELEASE device BEFORE operating the machine. Make sure to hold the unit securely when using the QUICK RELEASE.

While holding the unit by your right hand securely, pull the end of the red fabric tab upwards, away from the machine (to pull the metal retaining bar out of the buckle). The clip will separate from the harness leaving the unit unattached.

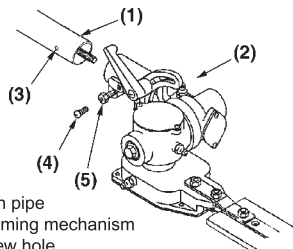
buckle. sides of the buckle.

- (1) Buckle



SET UP

ATTACHING THE TRIMMING MECHANISM



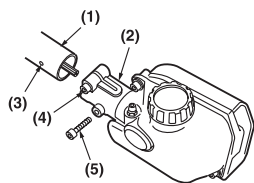
- (1) Main pipe
- (2) Trimming mechanism
- (3) Screw hole
- (4) Screw
- (5) Fastening bolt

1. Remove the screw screwed into the end of the trimming mechanism.
2. Insert the end of the trimming mechanism into the main pipe.
3. Line up the hole on the end of the trimming mechanism into which the screw is to be inserted with the hole on the main pipe, and screw the screw firmly in.
4. Using a wrench, screw in the bolt provided to fix the trimming mechanism into place.

BALANCE UNIT

1. Put on strap and attach unit to strap.
2. Depending on the working posture, slide clamp up or down until unit balances and the strap fits your body.

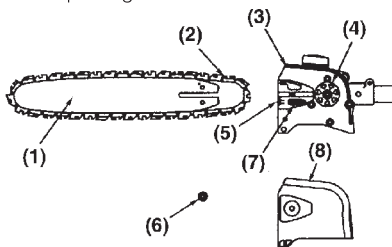
ATTACHING THE PRUNING MECHANISM



- (1) Main pipe
- (2) Transmission
- (3) Screw hole
- (4) Fastening bolt
- (5) Bolt

1. Remove the cap on the end of the main pipe.
2. Remove the screw screwed into the end of the transmission.
3. Insert the end of the gear case into the main pipe.
4. Line up the hole on the end of the transmission into which the screw is to be inserted with the hole on the main pipe, and screw the screw firmly in.
5. Using a wrench, screw in the bolt provided to fix the mechanism into place.

A standard package contains the items as shown below.



- (1) Guide bar
- (2) Saw chain
- (3) Transmission
- (4) Sprocket
- (5) Chain tension adjust screw
- (6) Nut
- (7) Chain tensioner nut
- (8) Chain cover

Install the guide bar and the saw chain on the transmission as follows.

⚠ WARNING

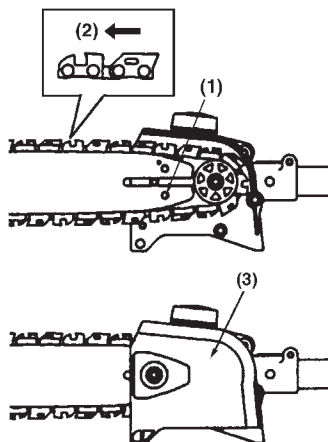
The saw chain has very sharp edges. Use protective gloves for safety.

1. Loosen a nut and remove the chain cover.
2. Mount the guide bar then fit the saw chain around the bar and sprocket.

⚠ WARNING

Pay attention to the correct direction of the saw chain.

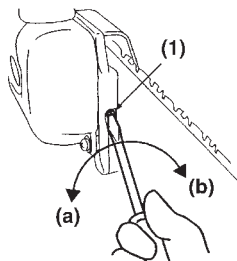
3. Fit the chain tensioner nut into the lower hole of the guide bar, then install the chain cover, and fasten the mounting nut to finger tightness.



- (1) Hole
- (2) Moving direction
- (3) Chain tensioner nut

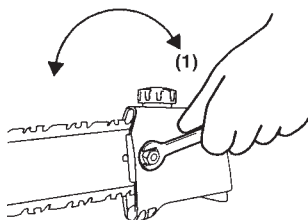
SET UP

4. Adjust the chain tension by turning the tensioner screw until the tie straps just touch the bottom side of the bar rail.



(1) Chain tension adjusting screw
(a) Loosen (b) Tighten

5. Tighten the mounting nut securely with the bar tip held up (TORQUE: 8.9 ~ 11.7 N.m./90 ~ 120 kg-cm). Then check the chain for smooth rotation and correct tension while moving it by hand. If necessary, readjust.



(1) Tighten

⚠ WARNING

It is very important to maintain the proper chain tension. Rapid wear of the guide bar or the chain coming off easily can be caused by improper tension. Especially when using a new chain, take good care of it since it should expand when first used.

BALANCE UNIT

1. Put on strap and attach unit to strap.
2. Depending on the working posture, slide clamp up or down until unit balances and the strap fits your body.

FUEL & CHAIN OIL

■ FUEL

▲ WARNING

Petrol is very flammable. Avoid smoking or bringing any flame or sparks near fuel. Make sure to stop the engine and allow it cool before refueling the unit. Select outdoor bare ground for fueling and move at least 3 m (10 ft) away from the fueling point before starting the engine.



■ RECOMMENDED MIXING RATIO

PETROL 40 : OIL 1

(when using genuine oil)

Exhaust emission are controlled by the fundamental engine parameters and components (eq., carburation, ignition timing and port timing) without addition of any major hardware or the introduction of an inert material during combustion.

These engines are certified to operate on unleaded petrol.

If you use a petrol of a lower octane value than prescribed, there is a danger that the engine temperature may rise and an engine problem such as piston seizing may consequently occur.

Unleaded petrol is recommended to reduce the contamination of the air for the sake of your health and the environment.

Poor quality petrol or oil may damage the sealing rings, fuel lines or fuel tank of the engine.

■ HOW TO MIX FUEL

▲ WARNING

Pay attention to agitation.

1. Measure out the quantities of petrol and oil to be mixed.
2. Put some of the petrol into a clean, approved fuel container.
3. Pour in all of the oil and agitate well.
4. Pour in the rest of petrol and agitate again for at least one minute. As some oils may be difficult to agitate depending on oil ingredients, sufficient agitation is necessary for the engine to last long. Be

careful that, if the agitation is insufficient, there is an increased danger of early piston seizing due to abnormally lean mixture.

5. Put a clear indication on the outside of the container to avoid mixing up with petrol or other containers.
6. Indicate the contents on outside of container for easy identification.

■ FUELING THE UNIT

1. Untwist and remove the fuel cap. Rest the cap on a dustless place.
2. Put fuel into the fuel tank to 80% of the full capacity.
3. Fasten the fuel cap securely and wipe up any fuel spillage around the unit.

▲ WARNING

1. **Select flat and bare ground for fueling.**
2. **Move at least 10 feet (3 meters) away from the fueling point before starting the engine.**
3. **Stop the engine before refueling the unit. At that time, be sure to sufficiently agitate the mixed petrol in the container.**

■ FOR YOUR ENGINE LIFE, AVOID:

1. **FUEL WITH NO OIL (RAW PETROL)** It will cause severe damage to the internal engine parts very quickly.
2. **GASOHOL** It can cause deterioration of rubber and/or plastic parts and disruption of engine lubrication.
3. **OIL FOR 4-CYCLE ENGINE USE** It can cause spark plug fouling, exhaust port blocking, or piston ring sticking.
4. **Mixed fuels which have been left unused for a period of one month or more** may clog the carburetor and result in the engine failing to operate properly.
5. In the case of storing the product for a long period of time, clean the fuel tank after rendering it empty. Next, activate the engine and empty the carburetor of the composite fuel.
6. In the case of scrapping the used mixed oil container, scrap it only at an authorized repository site.

📖 NOTE

Do not use wasted or regenerated oil that can cause damage to the oil pump.

WANT TO AVOID MANY FUEL RELATED PROBLEMS?


We recommend using Aspen 2. Aspen 2 is a ready-mixed alkylate petrol. It contains no sulphur, benzene or aromatics, and is therefore much better from a health aspect to use than regular petrol.

Aspen 2 is also chemically inert so you can comfortably leave the fuel in the machine and it will not gum-up. It will also store for years whereas normal petrol start to go off after 30 days.

Available in 1 & 5 Litre containers from Mower Magic

OPERATION

Set the on/off switch (1) to on (-) position.


Ensure the choke lever (CL) is in the CHOKE  position.

Prime the engine 5-10 times by pushing the down on the primer bulb firmly (PB).

Place the unit on a flat, firm surface. Keep the cutting head clear of anything around.

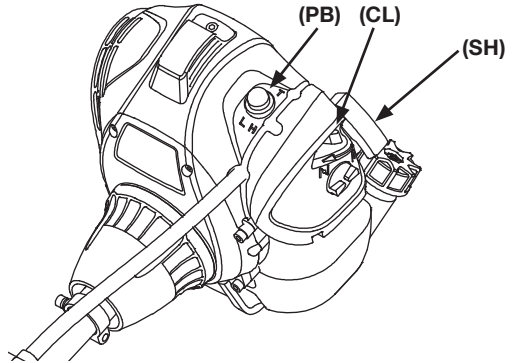
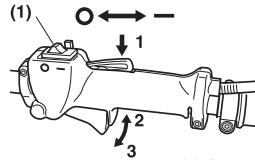
While holding the unit firmly, pull the out starter handle (SH) quickly. Repeat this until the engine fires.

Allow the engine to cut out.

Set the throttle trigger to the start position (1 → 2 → 3).
OR set the choke lever to RUN position. 

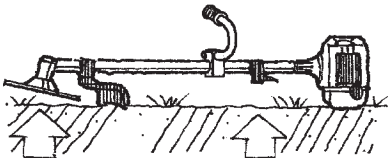
Restart the engine.

Allow the engine to warm up for a several minutes before starting operation.



⚠ WARNING

The product is equipped with a centrifugal clutch mechanism, so the cutting attachment begins to rotate as soon as the engine is started by putting the throttle into the start position. When starting the engine, place the product onto the ground in a flat clear area and hold it firmly in place so as to ensure that neither the cutting part nor the throttle come into contact with any obstacle when the engine starts.



❗ IMPORTANT

Avoid pulling the rope to its end or returning it by releasing the knob. Such actions can cause starter failures.

📖 NOTE

1. When restarting the engine immediately after stopping it, leave the choke open.
2. Overchoking can make the engine hard to start due to excess fuel. When the engine failed to start after several attempts, open the choke and repeat pulling the rope, or remove the spark plug and dry it.

STOPPING ENGINE

1. Release the throttle lever and run the engine for half a minute.
2. Shift the stop switch to the STOP position.

❗ IMPORTANT

Except for an emergency, avoid stopping the engine while pulling the throttle lever.

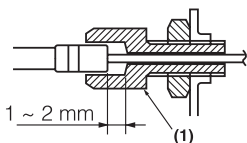
❗ IMPORTANT

When it doesn't stop at the stop switch, move the choke level to the closed position.

OPERATION

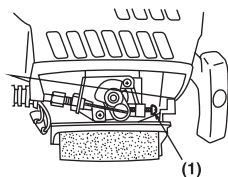
ADJUSTING THROTTLE CABLE

The normal play is 1 or 2 mm when measured at the carburetor side end. Readjust with the cable adjuster as required.



(1) Cable adjuster

ADJUSTING IDLING SPEED



(1) Idle adjusting screw

1. When the engine tends to stop frequently at idling mode, turn the adjusting screw clockwise.
2. When the cutting head keeps rotating after releasing the trigger, turn the adjusting screw counter-clockwise.

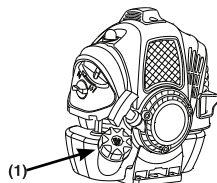
NOTE

Warm up the engine before adjusting the idling speed.

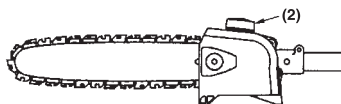
WARNING

The cutting head will start rotating upon the engine starts.

1. Feed fuel into the fuel tank and tighten the cap securely.



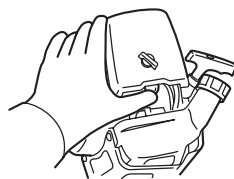
Feed the chain oil into the oil tank and tighten the cap securely, too.



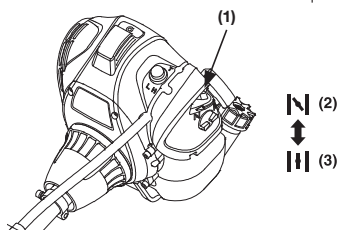
(1) Fuel

(2) Chain oil

2. Rest the unit on a flat, firm place. Keep the cutting head off the ground and clear of surrounding objects, as it will start rotating upon starting of the engine.
3. Push the primer several times until overflow fuel flows out in the clear tube.



4. Move the choke lever to the closed position.



(1) Choke lever (2) Close (3) Open

OPERATION

CUTTING WORK (LINE HEAD USAGE)

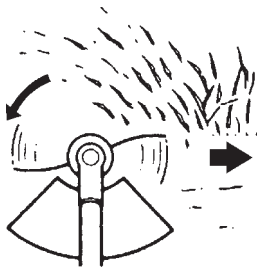
⚠ WARNING

- 1. Always wear eye protection such as safety goggles. Never lean over the rotating cutting head. Rocks or other debris could be thrown into eyes and face and cause serious personal injury.**
- 2. Keep the cutting attachment guard in place at all times when the unit is operated.**

TRIMMING GRASS AND WEEDS

Always remember that the TIP of the line does cutting. You will achieve better results by not crowding the line into the cutting area. Allow the unit to trim at its own pace.

1. Hold the unit so the head is off the ground and is tilted about 20 degrees toward the sweep direction.



2. You can avoid thrown debris by sweeping from your left to the right.
3. Use a slow, deliberate action to cut heavy growth. The rate of cutting motion will depend on the material being cut. Heavy growth will require slower action than light growth will.
4. Never swing the unit so hard as you are in danger of losing your balance or control of the unit.
5. Try to control the cutting motion with the hip rather than placing the full workload on the arm and hands.
6. Take precautions to avoid wire, grass and dead, dry, long-stem weeds from wrapping around the head shaft. Such materials can stall the head and cause the clutch to slip, resulting in damage to the clutch system if repeated frequently.

ADJUSTING THE LINE LENGTH

Our brush cutters are equipped with a semi- auto type nylon line head that allows the operator to advance the line without stopping the engine. When the line becomes short, lightly tap the head on the ground while running the engine at full throttle.

Each time the head is bumped, the line advances about 1 inch (25.4 mm). For better effect, tap the head on bear ground or hard soil. Avoid bumping in thick, tall grass as the engine may stall by overload.

OPERATION

CHOOSE THE BLADE

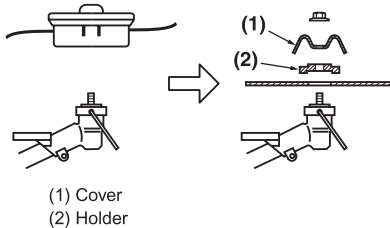
Choose a suitable recommended cutting attachment according to the object to be cut.

When replacing blade always be sure to use products, which have been certified by **your supplier**.

⚠ WARNING

When sharpening, removing, or reattaching the blade, be sure to wear thick, sturdy gloves and use only proper tools and equipment to prevent injury.

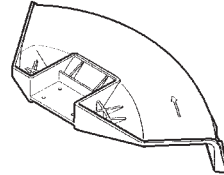
SET UP



1. Detach the line head assembly completely.
2. Put on the blade, making the marked side face the holder, put on the outer holders, and fasten the blade with the blade nut.

❗ IMPORTANT

Change the cutting attachment guard, which is suitable for the metal blade.



TIGHTENING TORQUE: 1.5 ~ 2.0 N.m.
(0.15 ~ 0.2 kg.m.)

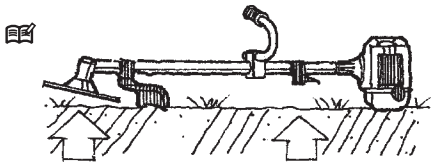
OPERATION

STARTING THE ENGINE

Please refer to 4. For safe operation, 7. Operation.

⚠ WARNING

The product is equipped with a centrifugal clutch mechanism, so the cutting attachment begins to rotate as soon as the engine is started by putting the throttle into the start position. When starting the engine, place the product onto the ground in a flat clear area and hold it firmly in place to ensure that neither the cutting part nor the throttle come into contact with any obstacle when the engine starts.



CUTTING METHOD

- Use the front left side cutting.
- Guide the blade from your right to left with it tilted slightly to your left.



- When mowing a wide area, start working from your left end to avoid interference of cut grass.
- The blade may be seized by weeds if the engine speed is too low, or the blade cuts too deep into weeds. Adjust the engine speed and cutting depth according to the condition of object.

⚠ WARNING

If the grass or other object gets caught in the blade, or if the unit starts to shake or vibrate, turn off the engine and check the whole unit. Change the blade if it has been damaged.

Turn off the engine and make sure the blade has completely stopped before checking the blade, and removing any object got caught in.

OPERATION

- Check the bolt to fasten the blade and be sure the bolt has no fault, and no abrasion.
- Be sure that the blade and the holder have been fastened according to instruction and that the blade turns smoothly without abnormal noise.



⚠ WARNING

The rotating parts fastened incorrectly may cause serious accident to the operator.

Make sure that the blade is not bent, warped, cracked, broken or damaged.

If you find any error to the blade, discard it and replace with a new one, which is certified by your supplier.

By using the shoulder strap, hang the unit on your right side. Adjust the strap length so that the cutting head may become parallel to the ground.



OPERATION

⚠ WARNING

Make sure to use shoulder strap and cutting attachment guard. If not, it is very dangerous when you slip or lose your balance.

⚠ WARNING

CONTROLLING BLADE BOUNCE

Blade thrust can cause serious personal injury. Carefully study this section. It is important that you understand what causes blade thrust, how you can reduce the chance of blade thrust and how you can remain in control of the unit if blade thrust does occur.

1. What causes blade thrust:
blade thrust can occur when the moving blade contacts an object that it cannot cut. This contact causes the blade to stop for an instant and then suddenly move or ounce away from the object that was hit. The operator can lose control of the unit and the blade can cause serious personal injury to the operator or any person nearby if the blade contacts any part of the body.
2. How you can reduce the chance of blade thrust:
 - a. Recognise that blade thrust can happen. By understanding and knowing about bounce, you can help eliminate the element of surprise.
 - b. Cut fibrous weeds and grass only. Do not let the blade contact materials it cannot cut such as hard, woody vines and bushes or rocks, fences, metal, etc.
 - c. Be extra prepared for bounce if you must cut where you cannot see the blade making contact such as in areas of dense growth.
 - d. Keep the blade sharp. A dull blade increases the chance of bounce.
 - e. Avoid feeding the blade too rapidly. The blade can bounce away from material being cut if the blade is fed faster than its cutting capability.
 - f. Cut only from your right to your left.
 - g. Keep your path of advance clear of material that has been cut and other debris.
3. How you can maintain the best control:
 - a. Keep a good, firm grip on the unit with both hands. A firm grip can help neutralize bounce. Keep your right and left hands completely around the respective handles.
 - b. Keep both feet spread apart in a comfortable stance and yet braced for the possibility that the unit could bounce. Do not overreach. Keep firm footing and balance.

MAINTENANCE

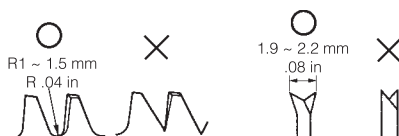
BLADE

Check the blade and the fasteners for looseness, cracking, or bending.

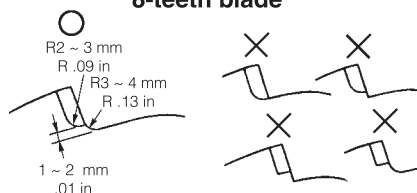
Check the cutting edges and reform with a flat file.

Point:

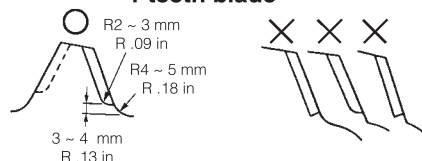
Saw blade



8-teeth blade



4-teeth blade



1. Keep the end corner sharp.
2. Round the root of the edge, using a round file.
3. Do not use water when using a grinder.

❗ IMPORTANT

It is recommended that filing should be done by professionals.

Especially regarding filing the saw blade, leave it to the professionals.

TRANSPORTING THE UNIT

When you finish cutting in one location and wish to continue work in another spot, turn off the engine, lift up the unit and carry it, paying attention to the blade. Never forget to place the protective cover over the blades.

When transporting the unit over long distances, detach the blade and fasten the unit by ropes.

OPERATION

⚠ WARNING

This product is equipped with extremely sharp blades, and when used improperly these blades can be extremely dangerous and improper handling can cause accidents, which may in turn lead to serious injury or death. For this reason, you should always be careful to follow the following instructions when using your trimmer.

Never hold the trimmer in a way in which the blades are pointed towards someone else.

Never allow the blades to come into proximity with your body while the engine of the trimmer is in operation.

Always be sure to turn off the engine before changing the angle of the blades, removing branches which have become stuck in the blades, or at any other time when coming into close proximity with the blades.

Always wear work gloves made of leather or some other sturdy material when using the trimmer.

Always place the blade cover provided with the trimmer over the blades when not in use.

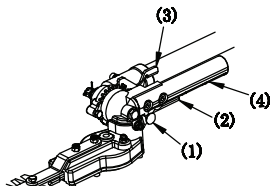
Falling branches may fall onto the face or into the eyes, resulting in injuries, scratches, and cuts, and for this reason you should always be sure to wear a helmet and face protector when using your trimmer.



❗ IMPORTANT

The thickness of branches, which may be cut using this trimmer, is limited to up to approximately 3/16" (5 mm). Never try to cut branches thicker than this, as doing so may result in damage to the trimmer.

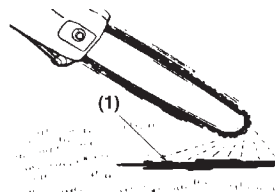
Adjusting the angle of the cutting blades



1. Stop the engine.
2. Pull the pin (1) out.
3. Whilst holding the pin (1), pinch together two levers (2,3) together to free the head movement. You can now release the pin (1).
4. Holding the levers (2,3), move the handle (4) to adjust the angle of the blades.
5. Release levers (2,3). Ensure the pin (1) clicks back into place to lock the head.

Checking oil supply

After starting the engine, run the chain at medium speed and see if chain oil has scattered off, as shown in the figure.



(1) Chain oil

📖 NOTE

The oil reservoir has a capacity sufficient to provide about 40 minutes of cutting time (when set to deliver the minimum flow rate, or about as long as you get from a tank of fuel). Be sure to refill the oil tank every time when refuelling the saw.

Adjusting Oil Flow Rate

⚠ WARNING

Never fill the oil reservoir nor adjust the oiler with the engine running.

❗ IMPORTANT

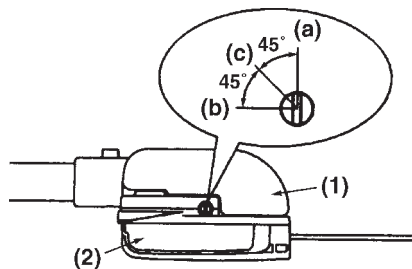
An increase in bar oil flow rate will speed oil consumption, requiring more frequent checks on the oil reservoir. To ensure sufficient lubrication, it may be necessary to check the oil level more frequently than at fuel tank refills.

The guide bar and chain are lubricated automatically by a pump that operates whenever the chain rotates. The pump is set at the factory to deliver a minimum flow rate, but it can be adjusted in the field. A temporary increase in oil flow is often desirable when cutting things like hardwood or wood with a lot of pitch.

OPERATION

Adjust the pump as follows:

1. Stop the engine and make sure the stop switch is in the OFF position.
2. Place the unit on its side with the oil reservoir up.



(1) Oil tank (2) Chain cover

❗ IMPORTANT

The oil flow adjusting screw must be pressed in slightly in order to turn. Failure to do so could damage the pump and screw.

3. With a screwdriver, push in on the oil flow rate adjusting screw and turn in the desired direction (there are three incremental settings):

- (a) Clockwise-decrease lubrication
- (b) Counter clockwise-increase lubrication
- (c) Middle

⚠ WARNING

Always wear work gloves made of leather or some other sturdy material when using the polesaw. Falling branches may fall onto the face or into the eyes, resulting in injuries, scratches, and cuts, and for this reason you should always be sure to wear a helmet and face protector when using your polesaw.



MAINTENANCE

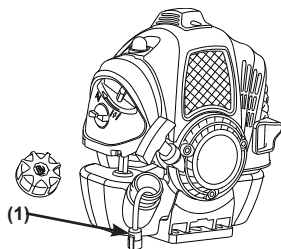
	System/components	Procedure	Before use	Every 25 hours after	Every 50 hours after	Every 100 hours after	Note
ENGINE	fuel leaks, fuel spillage	wipe out	✓				
	fuel tank, air filter, fuel filter	inspect/clean	✓	✓			replace, if necessary
	idle adjusting screw	see adjusting idling speed (p. 22)	✓				replace carburetor if necessary
	spark plug	clean and readjust plug gap			✓		GAP: .025 in (0.6 ~ 0.7 mm) replace, if necessary
	cylinder fins, intake air cooling vent	clean		✓			
SHAFT	muffler, spark arrester, cylinder exhaust port	clean			✓		
	throttle trigger, stop switch	check operation	✓				
	cutting parts	replace if somethings wrong	✓				
	transmission	grease		✓			
	screws/nuts/bolts	tighten/replace	✓			✓	not adjusting screws
CUTTING UNIT	cutting attachment guard	make sure to attach	✓				
	oiling port	clean	✓				
	guide bar	clean	✓				
	sprocket	inspect/replace			✓		
	saw chain	inspect/sharp	✓				

⚠ WARNING

Make sure that the engine has stopped and is cool before performing any service to the machine. Contact with moving cutting head or hot muffler may result in a personal injury.

FUEL FILTER

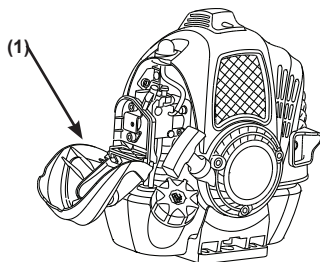
When the engine runs short of fuel supply, check the fuel cap and the fuel filter for blockage.



(1) Fuel filter

AIR FILTER

The air filter, if clogged, will reduce the engine performance. Check and clean the filter element in warm, soapy water as required. Dry completely before installing. If the element is broken or shrunk, replace with a new one.

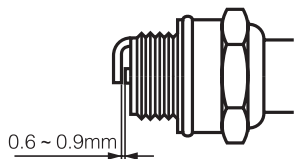


(1) Air filter

MAINTENANCE

SPARK PLUG

Starting failure and misfiring are often caused by a fouled spark plug. Clean the spark plug and check that the plug gap is in the correct range. For a replacement plug, use the correct type specified by your supplier.



cause the engine to catch on fire. Always make sure that the muffler is clean and free of wood chips, leaves, and other waste before use.

Check the intake air cooling vent and the area around the cylinder cooling fins after every 25 hours of use for blockage, and remove any waste which has attached itself to the brushcutter. Note that it is necessary to remove the engine cover in order to be able to view the upper part of the cylinder.

ⓘ IMPORTANT

Note that using any spark plug other than those designated may result in the engine failing to operate properly or in the engine becoming overheated and damaged.

To install the spark plug, first turn the plug until it is finger tight, then tighten it a quarter turn more with a socket wrench.

TIGHTENING TORQUE: 9.8 ~ 11.8 N.m.
(1 ~ 1.2 kg.m.)

MUFFLER

⚠ WARNING

Inspect periodically, the muffler for loose fasteners, any damage or corrosion. If any sign of exhaust leakage is found, stop using the machine and have it repaired immediately.

Note that failing to do so may result in the engine catching on fire.

INTAKE AIR COOLING VENT

⚠ WARNING

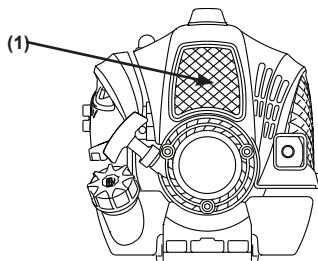
Never touch the cylinder, muffler, or spark plugs with your bare hands immediately after stopping the engine. The engine can become very hot when in operation, and doing so could result in severe burns.

When checking the machine to make sure that it is okay before using it, check the area around the muffler and remove any wood chips or leaves which have attached themselves to the brushcutter. Failing to do so could cause the muffler to become overheated and that in turn could

MAINTENANCE

❶ IMPORTANT

If waste gets stuck and causes blockage around the intake air cooling vent or between the cylinder fins, it may cause the engine to overheat, and that in turn may cause mechanical failure on the part of the brushcutter.



(1) Intake Air Cooling Vent (Back)

PROCEDURES TO BE PERFORMED AFTER EVERY 100 HOURS OF USE



1. Remove the muffler, insert a screwdriver into the vent, and wipe away any carbon buildup. Wipe away any carbon buildup on the muffler exhaust vent and cylinder exhaust port at the same time.
2. Tighten all screws, bolts, and fittings.
3. Check to see if any oil or grease has worked its way in between the clutch lining and drum, and if it has, wipe it away using oil-free, lead-free gasoline.

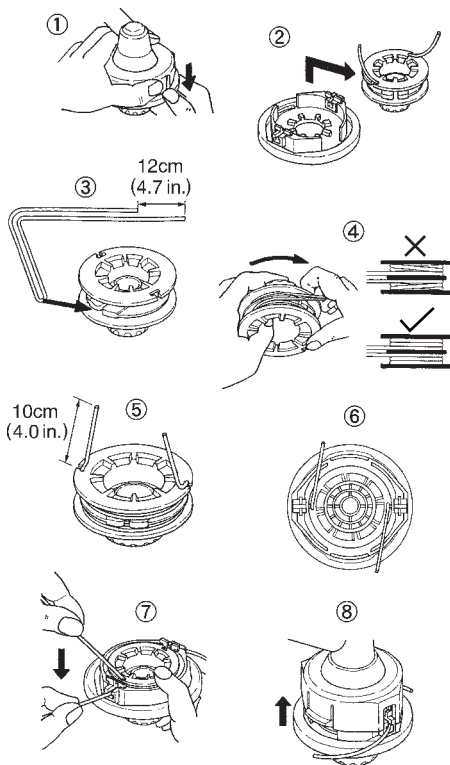
REFILLING TRIMMING LINE

1. For replacement line, use a diameter of 2.4mm(.095in). The spool is capable for a line upto 6m(20ft) on the 10cm(4 head. Avoid using a larger line as it may cut down the trimming performance.

⚠ WARNING

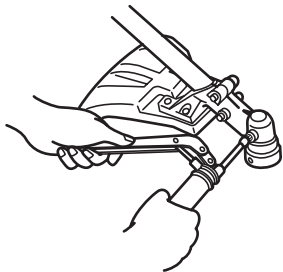
For safety reasons, do not use metal reinforced line.

2. Pinch the slotted area on the both sides of the spool housing to unhook the bottom cap.
3. Take out the spool and pull off the old line. Put one end of new line through the spool holes and pull it until the length is equal between each part of the line.
4. Wind up the line in the correct direction as indicated on the spool.
5. Hook each end of the line in the slot on the edge of the spool, and then put the ends through the eyelets on the housing. Make sure that the spring and the washers are in place.
6. While holding the spool against the housing, pull the line ends to release them from the slot.
7. Line up the slot on the bottom cap with the hook on the housing, press the cap against the housing until it clicks.



MAINTENANCE

ANGLE TRANSMISSION

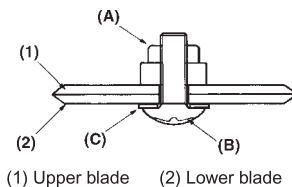


The reduction gears are lubricated by multipurpose, lithium-based grease in the angle transmission. Supply new grease every 25 hours of use or more often depending on the job condition. Remove the cutter holders before installing new grease to arrange for old grease to exit.

BLADES

When refilling the tank or resting, it is often a good idea to use the time to oil the cutting blades.

If a gap exists between the upper and lower blades, follow the procedure below to adjust them so that they fit more closely together.



1. Loosen lock nut (A) as shown in the diagram.
2. Tighten screw (B) fully, and then turn one-third to one-half of a rotation backward.
3. While holding onto the screw to keep it in position, tighten the lock nut.
4. Check to make sure that the flat washer (C) is loose enough so that it may be turned by pressing on it with a finger.

NOTE

Screwing in the screw too tightly may make it impossible for the blades to move. Conversely, not screwing in the screw tightly enough may make the blades of the trimmer feel dull and cause leaves and branches to become caught in the blades of the trimmer.

QUICK TIP

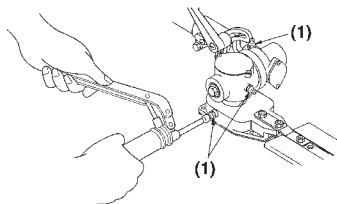
If the blades become so worn down that it is no longer possible to eliminate the gap between them, you should contact the authorized servicing dealer from which you purchased your trimmer to have the blades resharpened or replaced.

TRANSMISSION

The reduction gears are lubricated by multipurpose, lithium-based grease in the transmission.

Supply new grease every 25 hours of use or more often depending on the job condition.

When adding lubricant, use a grease gun to insert lubricant into the three grease nipples located on the transmission.

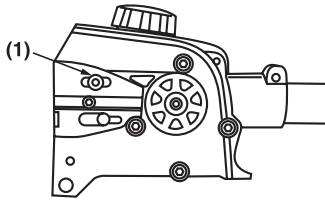


(1) Grease fitting

MAINTENANCE

OILING PORT

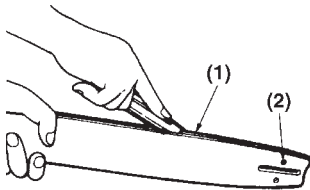
Dismount the guide bar and check the oiling port for clogging.



(1) Oiling port

GUIDE BAR

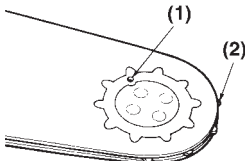
Remove sawdust in the bar groove and the oiling port.



(1) Groove (2) Oiling port

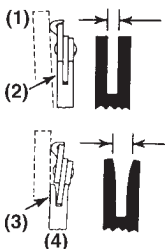
(Type: Sprocket nose)

Grease the nose sprocket from the feeding port on the tip of the bar.



(1) Grease port (2) Sprocket

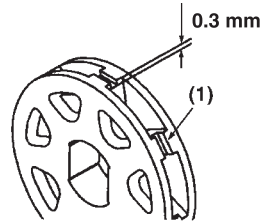
The bar rail should always be a square. Check for wear of the bar rail. Apply a ruler to the bar and the outside of a cutter. If a gap is observed between them, the rail is normal. Otherwise, the bar rail is worn. Such a bar needs to be corrected or replaced.



(1) Ruler (2) Gap
(3) No gap (4) Chain tilts

SPROCKET

Check for extensive wear, and replace it when the teeth are worn over 0.3 mm.



(1) Sprocket

SAW CHAIN

⚠ WARNING

It is very important for smooth and safe operation to keep the cutters always sharp.

Your cutters need to be sharpened when:

- Sawdust becomes powder-like.
- You need extra force to saw in.
- The cut way does not go straight.
- Vibration increases.
- Fuel consumption increases.

Cutter setting standards:

⚠ WARNING

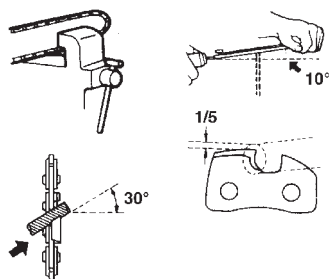
Be sure to wear safety gloves.

Before filing:

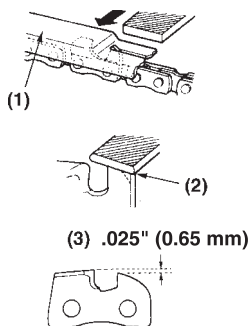
- Make sure the saw chain is held securely.
- Make sure the engine is stopped.
- Use a round file of proper size for your chain.

MAINTENANCE

Place your file on the cutter and push straightforward. Keep the file position as illustrated.

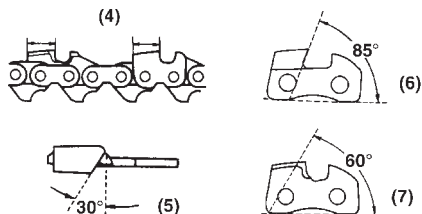


After every cutter has been set, check the depth gauge and file it to the proper level as illustrated.



- (1) Appropriate gauge checker
- (2) Make the shoulder round
- (3) Depth gauge standard

Make sure every cutter has the same length and edge angles as illustrated.



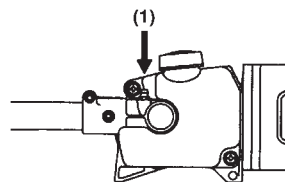
- (4) Cutter length
- (5) Side plate angle
- (6) Top plate cutting angle
- (7) Top plate cutting angle

TRANSMISSION

The reduction gears are lubricated by multipurpose, lithium-based grease in the transmission.

Supply new grease every 25 hours of use or more often depending on the job condition.

When adding lubricant, use a grease gun to insert lubricant into the three grease nipples located on the transmission.

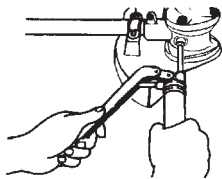


- (1) Grease fitting

⚠ WARNING

Be sure to round off the front edge to reduce the chance of kickback or tie-strap breakage.

TRANSMISSION



The reduction gears are lubricated by multipurpose, lithium-based grease in the transmission. At every 20 hours of use, supply the transmission with new grease. Remove the cutter holders before installing new grease to arrange for old grease to exit.

NOTE

When removing and installing the cutter holder (a), use care not to allow any dirt and dust entering in to the transmission.

Aged fuel is one of major causes of engine starting failure. Before storing the unit, empty the fuel tank and run the engine until it uses all the fuel left in the fuel line and the carburetor. Store the unit indoor taking necessary measures for rust prevention.

DISPOSAL

When disposing your machine, fuel or oil for the machine, be sure to allow your local regulations.

TROUBLESHOOTING GUIDE

Case 1. Starting failure

CHECK	PROBABLE CAUSES	ACTION
fuel tank	→ incorrect fuel	→ drain it and use correct fuel
fuel filter	→ fuel filter is clogged	→ clean
carburetor adjustment screw	→ out of normal range	→ adjust to normal range
sparkling (no spark)	→ spark plug is fouled/wet	→ clean/dry
	→ plug gap is incorrect	→ correct (GAP: 0.6 ~ 0.7 mm)
spark plug	→ disconnected	→ retighten

Case 2. Engine starts but does not keep running/hard re-starting

CHECK	PROBABLE CAUSES	ACTION
fuel tank	→ incorrect fuel or staled fuel	→ drain it and use correct fuel
carburetor adjustment screw	→ out of normal range	→ adjust to normal range
muffler, cylinder (exhaust port)	→ carbon is built-up	→ wipe away
air cleaner	→ clogged with dust	→ wash
cylinder fin, fan cover	→ clogged with dust	→ clean

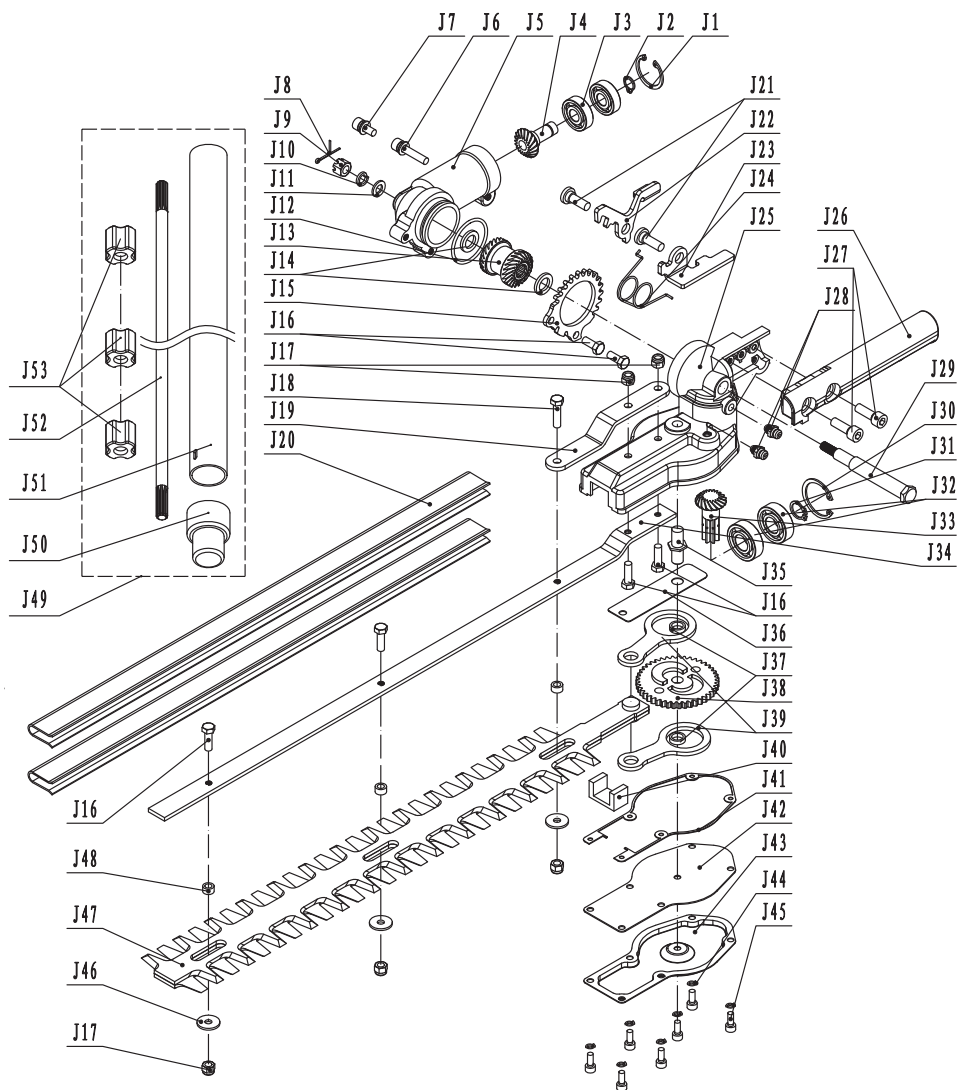
When your unit seems to need further service, please consult with our service shop in your area.

Exploded View Diagram of a 25cc 4-Stroke Engine

Key Components and Part Numbers:

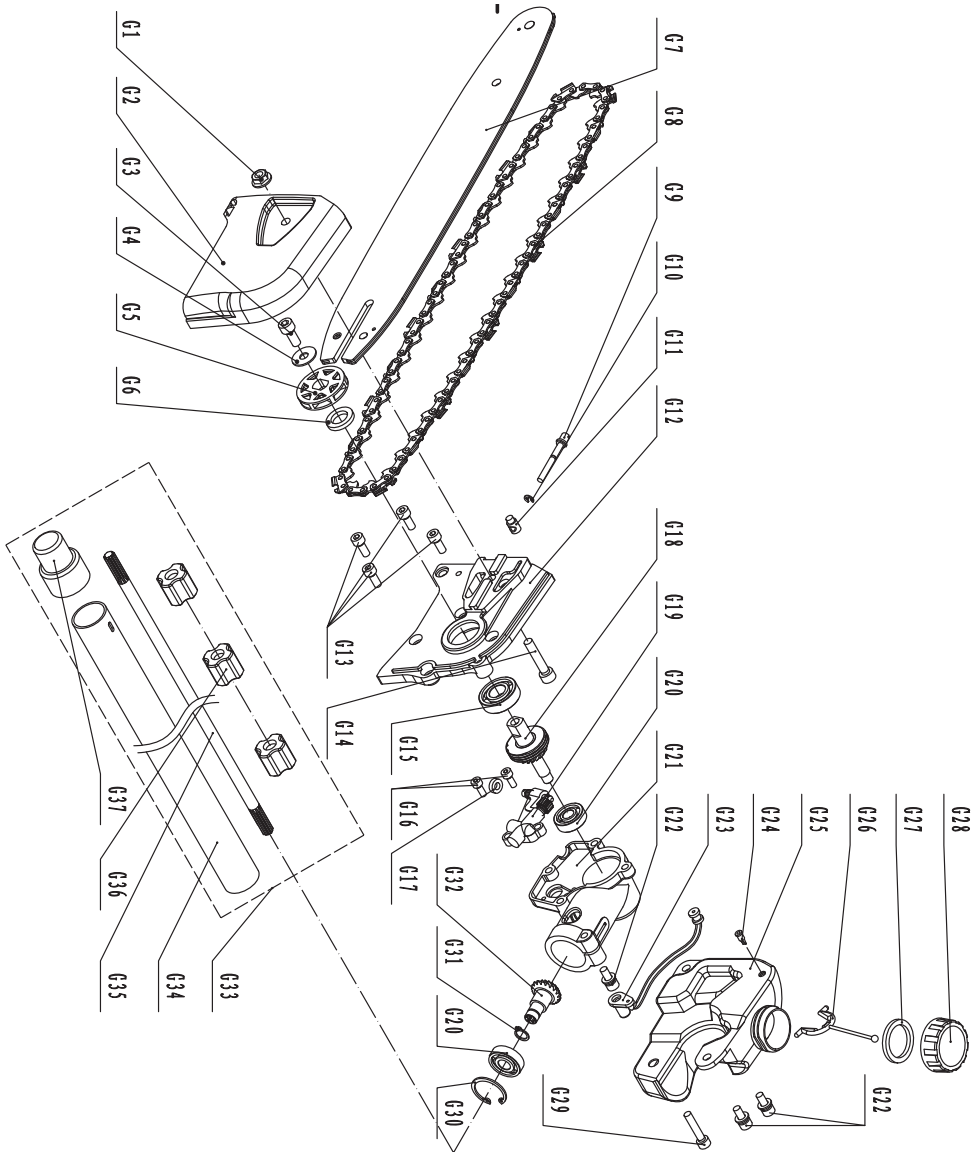
- Engine Block & Carburetor:** A1, A2, A3, A4, A5, A6, A7, A8, A9, A10, A11, A12, A13, A14, A15, A16, A17, A18, A19, A20, A21, A22, A23, A24, A25, A26, A27, A28, A29, A30, A31, A32, A33, A34, A35, A36, A37, A38, A39, A40, A41, A42, A43, A44, A45, A46, A47, A48, A49, A50, A51, A52, A53, A54, A55, A56, A57, A58, A59, A60, A61, A62, A63, A64, A65, A66, A67, A68, A69, A70, A71, A72, A73, A74, A75, A76, A77, A78, A79, A80, A81, A82, A83, A84, A85, A86, A87, A88, A89, A90, A91, A92, A93, A94, A95, A96, A97, A98, A99, A100, A101, A102, A103, A104, A105, A106, A107, A108, A109, A110, A111, A112, A113, A114, A115, A116, A117, A118, A119, A120, A121, A122, A123, A124, A125, A126, A127, A128, A129, A130, A131, A132, A133, A134, A135, A136, A137, A138, A139, A140, A141, A142, A143, A144, A145, A146, A147, A148, A149, A150, A151, A152, A153, A154, A155, A156, A157, A158, A159, A160, A161, A162, A163, A164, A165, A166, A167, A168, A169, A170, A171, A172, A173, A174, A175, A176, A177, A178, A179, A180, A181, A182, A183, A184, A185, A186, A187, A188, A189, A190, A191, A192, A193, A194, A195, A196, A197, A198, A199, A200, A201, A202, A203, A204, A205, A206, A207, A208, A209, A210, A211, A212, A213, A214, A215, A216, A217, A218, A219, A220, A221, A222, A223, A224, A225, A226, A227, A228, A229, A230, A231, A232, A233, A234, A235, A236, A237, A238, A239, A240, A241, A242, A243, A244, A245, A246, A247, A248, A249, A250, A251, A252, A253, A254, A255, A256, A257, A258, A259, A260, A261, A262, A263, A264, A265, A266, A267, A268, A269, A270, A271, A272, A273, A274, A275, A276, A277, A278, A279, A280, A281, A282, A283, A284, A285, A286, A287, A288, A289, A290, A291, A292, A293, A294, A295, A296, A297, A298, A299, A300, A301, A302, A303, A304, A305, A306, A307, A308, A309, A310, A311, A312, A313, A314, A315, A316, A317, A318, A319, A320, A321, A322, A323, A324, A325, A326, A327, A328, A329, A330, A331, A332, A333, A334, A335, A336, A337, A338, A339, A340, A341, A342, A343, A344, A345, A346, A347, A348, A349, A350, A351, A352, A353, A354, A355, A356, A357, A358, A359, A360, A361, A362, A363, A364, A365, A366, A367, A368, A369, A370, A371, A372, A373, A374, A375, A376, A377, A378, A379, A380, A381, A382, A383, A384, A385, A386, A387, A388, A389, A390, A391, A392, A393, A394, A395, A396, A397, A398, A399, A400, A401, A402, A403, A404, A405, A406, A407, A408, A409, A410, A411, A412, A413, A414, A415, A416, A417, A418, A419, A420, A421, A422, A423, A424, A425, A426, A427, A428, A429, A430, A431, A432, A433, A434, A435, A436, A437, A438, A439, A440, A441, A442, A443, A444, A445, A446, A447, A448, A449, A450, A451, A452, A453, A454, A455, A456, A457, A458, A459, A460, A461, A462, A463, A464, A465, A466, A467, A468, A469, A470, A471, A472, A473, A474, A475, A476, A477, A478, A479, A480, A481, A482, A483, A484, A485, A486, A487, A488, A489, A490, A491, A492, A493, A494, A495, A496, A497, A498, A499, A500, A501, A502, A503, A504, A505, A506, A507, A508, A509, A510, A511, A512, A513, A514, A515, A516, A517, A518, A519, A520, A521, A522, A523, A524, A525, A526, A527, A528, A529, A530, A531, A532, A533, A534, A535, A536, A537, A538, A539, A540, A541, A542, A543, A544, A545, A546, A547, A548, A549, A550, A551, A552, A553, A554, A555, A556, A557, A558, A559, A560, A561, A562, A563, A564, A565, A566, A567, A568, A569, A570, A571, A572, A573, A574, A575, A576, A577, A578, A579, A580, A581, A582, A583, A584, A585, A586, A587, A588, A589, A590, A591, A592, A593, A594, A595, A596, A597, A598, A599, A600, A601, A602, A603, A604, A605, A606, A607, A608, A609, A610, A611, A612, A613, A614, A615, A616, A617, A618, A619, A620, A621, A622, A623, A624, A625, A626, A627, A628, A629, A630, A631, A632, A633, A634, A635, A636, A637, A638, A639, A640, A641, A642, A643, A644, A645, A646, A647, A648, A649, A650, A651, A652, A653, A654, A655, A656, A657, A658, A659, A660, A661, A662, A663, A664, A665, A666, A667, A668, A669, A670, A671, A672, A673, A674, A675, A676, A677, A678, A679, A680, A681, A682, A683, A684, A685, A686, A687, A688, A689, A690, A691, A692, A693, A694, A695, A696, A697, A698, A699, A700, A701, A702, A703, A704, A705, A706, A707, A708, A709, A710, A711, A712, A713, A714, A715, A716, A717, A718, A719, A720, A721, A722, A723, A724, A725, A726, A727, A728, A729, A730, A731, A732, A733, A734, A735, A736, A737, A738, A739, A740, A741, A742, A743, A744, A745, A746, A747, A748, A749, A750, A751, A752, A753, A754, A755, A756, A757, A758, A759, A760, A761, A762, A763, A764, A765, A766, A767, A768, A769, A770, A771, A772, A773, A774, A775, A776, A777, A778, A779, A780, A781, A782, A783, A784, A785, A786, A787, A788, A789, A790, A791, A792, A793, A794, A795, A796, A797, A798, A799, A800, A801, A802, A803, A804, A805, A806,

PARTS - HEDGE TRIMMER ATTACHMENT



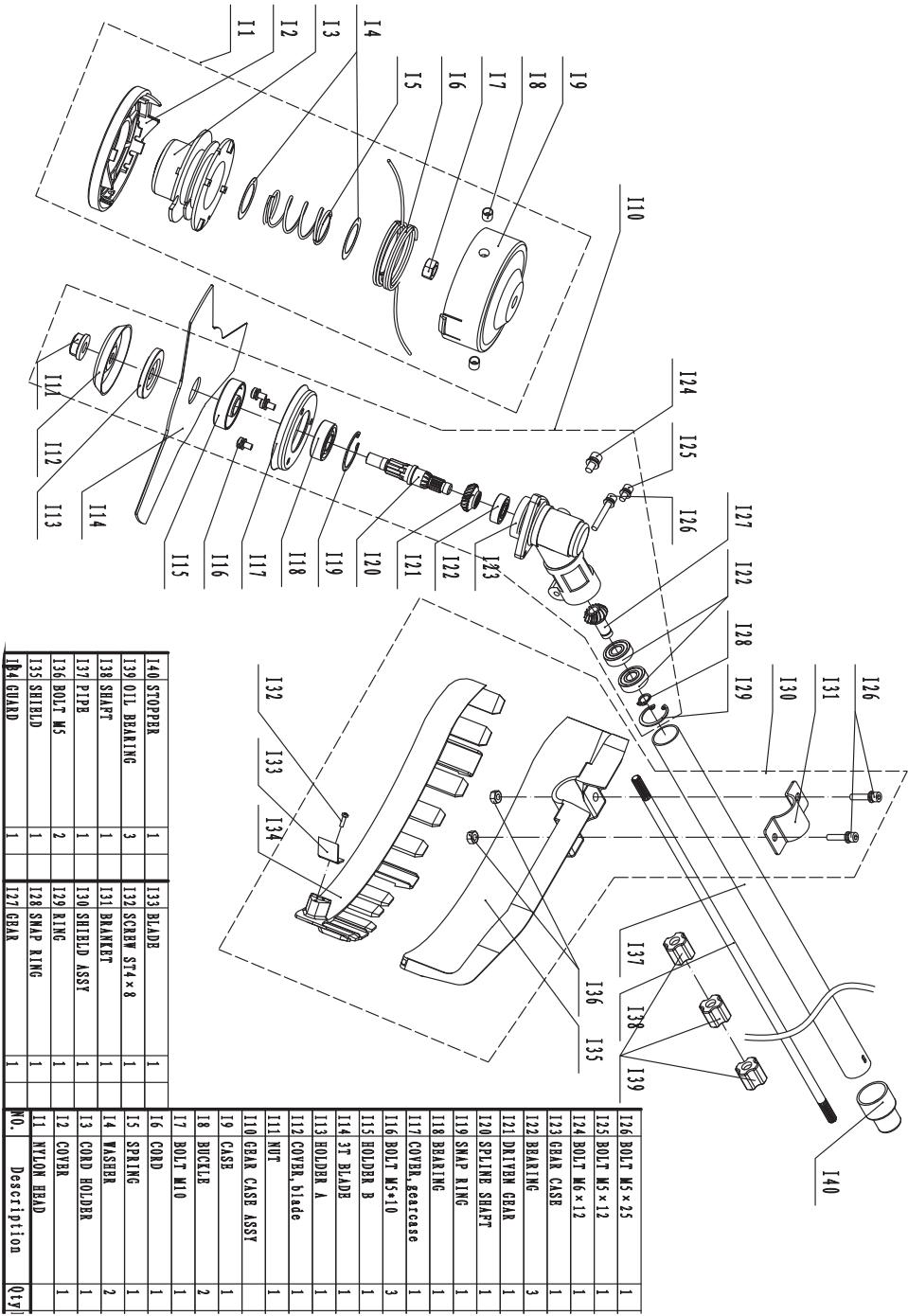
			J43	Cover, gear case	1	J32	6001 bearing	2	J21	M6 Screw	2	J10	M6 washer	1
J53	Oil bearing	3	J42	Protector	1	J31	Ø12 ring	1	J20	Blade cover	2	J9	M6 Nut	1
J52	Transmission shaft	1	J41	Gasket, gear case	1	J30	Ø28 snap ring	1	J19	Plate	1	J8	Pin	1
J51	Pipe	1	J40	Felt	1	J29	Shaft, gear case	1	J18	M5×20 screw	1	J7	M5×12 screw	1
J50	Stopper	1	J39	Transmission link	2	J28	Grease fitting	2	J17	M5 Nut	5	J6	M5×25 screw	1
J49	Working shaft	1	J38	Gear	1	J27	M5×18 screw	2	J16	M5×16 screw	6	J5	Gear case	1
J48	Nut	3	J37	Washer	2	J26	Rotating handle	1	J15	Spacer gear	1	J4	Gear	1
J47	Blade	1	J36	Gasket	1	J25	Gear case	1	J14	Washer	2	J3	Bearing 609	2
J46	Ø16×Ø5,2×1,5 washer	3	J35	Crank shaft	1	J24	Spring	1	J13	Gear	1	J2	Ø9 ring	1
J45	M4×10 screw	7	J34	Guide plate	1	J23	Lever	1	J12	Seal ring	1	J1	Ø24 snap ring	1
J44	M4 Gasket	7	J33	Transmission gear	1	J22	Angel adjuster	1	J11	M6 washer	1	NO.	Description	Qty

PARTS - POLE PRUNER ATTACHMENT

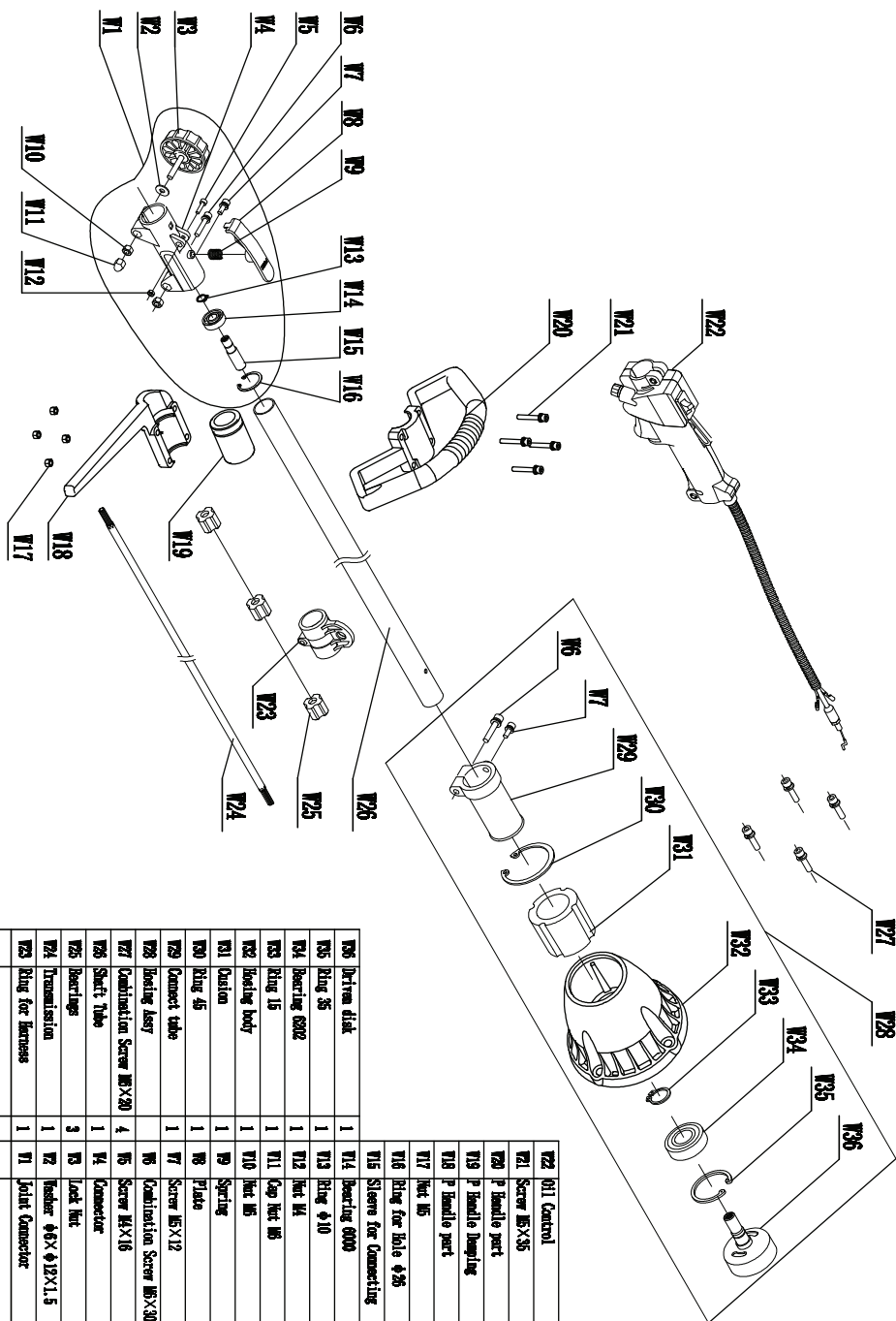


G37	Stopper	1
G36	Oil bearing	3
G35	Transmission shaft	1
G34	Pipe	1
G33	Working shaft	1
G32	Transmission gear	1
G31	Ø9 ring	1
G30	Ø24 snap ring	1
G29	M5×25 screw	1
G28	Oil tank cap	1
G27	Gasket, oil tank	1
G26	Hook, oil tank	1
G25	Oil tank	1
G24	Valve	1
G23	Oil pipe	1
G22	M5×12 screw	3
G21	Gear case	1
G20	Bearing 627	2
G19	Oil pump	1
G18	Gear shaft	1
G17	Gasket	1
G16	M4×10 screw	2
G15	6001 bearing	1
G14	M6×35 screw	1
G13	M5×12 screw	4
G12	Cover, gear case	1
G11	Nut, tensioner	1
G10	Ø3 ring	1
G9	Screw, tensioner	1
G8	Chain	1
G7	Guide bar	1
G6	Gasket, bearing	1
G5	Sprocket	1
G4	Ø5 washer	1
G3	M6×14 screw	1
G2	Bar cover	1
G1	M6 nut	1

PARTS - BRUSHCUTTER ATTACHMENT



PARTS - MAIN UNIT



122	011 Control	1
121	Screw M5×35	4
120	P Handle part	1
119	P Handle Drawing	1
118	P Handle part	1
117	Nut M5	4
116	Ring for Hole φ25	1
115	Sleeve for Connecting	1
114	Bearing 6005	1
113	Ring φ10	1
112	Nut M4	1
111	Cap Nut M5	1
110	Nut M5	2
109	Spring	2
108	Plate	1
107	Screw M5×12	2
106	Combination Screw M5×30	2
105	Screw M4×16	1
104	Connector	1
103	Lock Nut	1
102	Washer 40×φ12×1.5	1
101	Joint Connector	1
100	None	0

122	011 Control	1
121	Screw M5×35	4
120	P Handle part	1
119	P Handle Drawing	1
118	P Handle part	1
117	Nut M5	4
116	Ring for Hole φ25	1
115	Sleeve for Connecting	1
114	Bearing 6005	1
113	Ring φ10	1
112	Nut M4	1
111	Cap Nut M5	1
110	Nut M5	2
109	Spring	2
108	Plate	1
107	Screw M5×12	2
106	Combination Screw M5×30	2
105	Screw M4×16	1
104	Connector	1
103	Lock Nut	1
102	Washer 40×φ12×1.5	1
101	Joint Connector	1
100	None	0

EC DECLARATION OF CONFORMITY



EC Declaration of Conformity

We herewith declare,

Sherpa Tools
Mower Magic Ltd, Magic House, North Hykeham,
Lincoln, LN6 9AL, United Kingdom

That the following machine complies with the appropriate basic safety and health requirements of the EC Directive based on its design and type, as brought into circulation by us.

In case of alteration of the machine, not agreed upon by us, this declaration will lose its validity.

Machine Description Multifunction Tools

Machine Type TT-MT3403-2

Displacement 34.9 cm³

Max. Cutting width Brush cutter 250mm, Grass trimmer 420mm,
Pruner 300mm, Hedge trimmer 410mm

Measured sound power level 98dB(A)

Guaranteed sound power level 109dB(A)
Notified Body for EC Directive:
TUV SUD Product Service GmbH Ridlerstr. 65,
80339 München. 0123

Applicable EC Directives 2006/42/EC 2004/108/EC 2000/14/EC 97/68/EC

Applicable Harmonized Standards EN ISO 11680-1:2011 EN ISO 11806-1:2011
EN ISO 10517:2009 +A1:2013
The conformity assessment procedure followed
was in accordance with Annex III of the Directive
2000/14/EC

Authorized Signature/Date

John Hall 05-05-2016

Title of Signatory

Director

Name and address of the person authorised to
compile the technical file

Sherpa Tools
Mower Magic Ltd, Magic House, North Hykeham,
Lincoln, LN6 9AL, United Kingdom

WARRANTY



Conditions Of Warranty

The manufacturer warrants this product against faulty materials and workmanship for a period of 2 year after the date of purchase to the original purchaser. The warranty is applicable when the product is used in a "home owner" application. If products are used for commercial or professional purposes, the warranty period of 3 months from the date of first purchase. Warranty does not extent to failure due to fair wear and tear.

The manufacturer undertakes to replace any spare parts that are classified as defective by and appointed service dealer. The manufacturer will not accept liability for the replacement of the machine, either partially or wholly, and/or consequential damages.

Warranty does not cover failure due to:

- Insufficient maintenance
- Incorrect fuel mixture and stale fuel
- Abnormal use or accidental damage
- incorrect assembly, adjustment or operation of the product, including saw chain, guide bar and sprocket
- spare parts that are subject to wear e.g. safety parts, saw chain, guide bar, sprocket, guards, deflectors, spark plugs, filters etc.

Neither does warranty extend to:

- Freight and parking costs
- Use of non-genuine spare parts i.e. those from another manufacturer
- Use of the machine for any other purpose than that for which it was designed
- Use and maintenance of the machine in a manner not described in the owner's manual

As part of our policy of continuous product improvement, we reserve the right to alter or amend this specification without notice. As a result, the product may differ from the information contained herein, but any alteration will only be implemented without notice if it is classified as an improvement to the above specification.

READ THE MANUAL CAREFULLY BEFORE OPERATING THE MACHINE

Retain the receipt of purchase without which no warranty can be offered

Distributed by Sherpa Tools
Magic House
Station Road
North Hykeham
Lincoln
Lincolnshire
LN6 9AL

www.sherpatools.co.uk
01522 283 020

CONTACT

Sherpa Tools Ltd.
ST-MT340 MULTI-TOOL

If you experience any problems with this product,
please do not return to the store. Contact Sherpa
Tools direct on our UK helpline.

UK Helpline: 01522 283 020
www.sherpatools.co.uk

May 2016