

USER MANUAL

HEDGE TRIMMER

CEDRUS NZ02



Before using our products, please read this manual carefully to understand the proper use of your unit.

Original document.

CONTENTS



SAFETY FIRST

Instructions contained in warnings within this manual



marked with a symbol concern critical points which must be taken into consideration to prevent possible serious bodily injury, and for this reason you are requested to read all such instructions carefully and follow them without fail.

■ WARNINGS IN THE MANUAL



WARNING

This mark indicates instructions which must be followed in order to prevent accidents which could lead to serious bodily injury or death.



IMPORTANT

This mark indicates instructions which must be followed, or it leads to mechanical failure, breakdown, or damage.



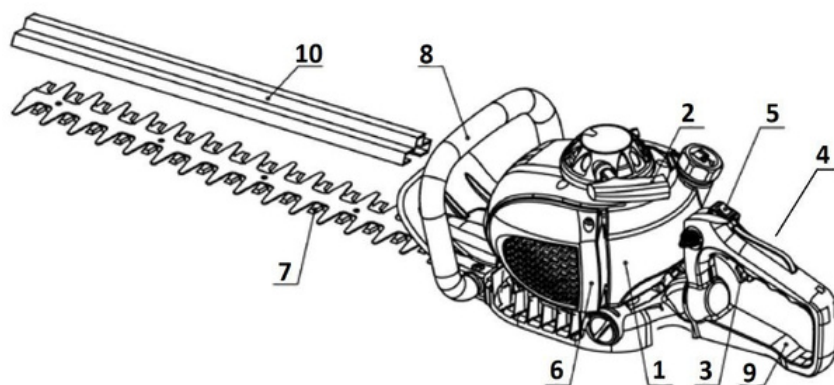
NOTE

This mark indicates hints or directions useful in the use of the product.

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1. Parts location

1. Fuel tank
2. Starter
3. Left handle
4. Throttle lever
5. Engine switch
6. Muffler
7. Blade
8. Front handle
9. Rear handle
10. Blade cover



2. Warning labels on the machine



(1) Read operator's instruction book before operating this machine.



(2) Appropriate ear, eye, and head protection must be worn.



(3) Handling this machine improperly could result in accidents causing serious injury or death. Read this manual carefully and practice using the hedge-trimmer until you are fully acquainted with all operations and have learned to use it correctly.



(4) This is extremely sharp and can easily cause cuts.



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.

We won't warrant the machine, if you use the remodeled hedge trimmer or if you don't observe the proper usage written in the manual.

3. Symbols on the machine

For safe operation and maintenance, symbols are carved in relief on the machine. According to these indications, please be careful not to make any mistake.



(a) The port to refuel the "MIX GASOLINE"

Position: fuel tank cap



(b) The direction to close the choke

Position: air filter cover



(b) The direction to open the choke

Position: air filter cover

4. For safe operation

■ Before operate the product



1. THIS MACHINE CAN CAUSE SERIOUS INJURIES. Read the instructions carefully for the correct handling, preparation, maintenance, starting and stopping of the machine. Be familiar with all controls and the proper use of the machine. Also, know how to stop the machine quickly in an emergency.

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.

4. For safe operation



- (1) Attached tools
- (2) Properly reserved 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, during 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.

4. For safe operation



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 "**USING THE PRODUCT**"), 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.

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.

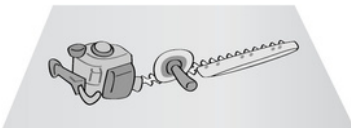
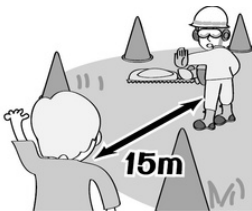
4. For safe operation

2. Check the condition of working area to avoid any accident by hitting hidden obstacles such as stumps, stones, cans, or broken glass.
3. Always ensure all handles and guards are fitted when using the machine. Never attempt to use an incomplete machine or one fitted with an unauthorized modification.
4. Do not operate the machine with a damaged or excessively worn cutting device.

! IMPORTANT

Remove any obstacle before beginning work.

5. Inspect the entire unit for loose fasteners and fuel leakage. Make sure that the cutting attachment is properly installed and securely fastened.



STARTING THE ENGINE

1. Keep bystanders, especially children, 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 move 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.**

4. For safe operation

- **Never start the engine at the cutting attachment side.**

3. After starting the engine, check to make sure that the cutting attachment stops moving when the throttle is moved fully back to its original position. If it continues to move even after the throttle has been moved fully back, turn off the engine and take the unit to your authorized 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. 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.

3. 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.

4. Keep all parts of your body away from moving cutting attachment and hot surfaces.

5. 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.



4. For safe operation



6. While operating the machine be always sure of a safe and secure operating position especially when using steps or a ladder.

7. Always be aware of you surroundings and stay alert for possible hazards that you may not hear due to the noise of the machine.

8. To reduce fire hazard keep engine and silencer free of debris, leaves, or excessive lubricant.

9. Stop the engine before:

- cleaning or when clearing a blockage;
- checking, maintenance or working on the machine.

• 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. Avoid operating while people, especially children are nearby.



MAINTENANCE

1. Do not attempt to repair the machine unless you are qualified to do so.

2. In order to maintain your product in proper working order, perform the maintenance and checking operations described in the manual at regular intervals.

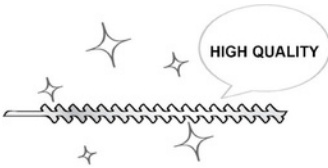
4. For safe operation

3. Always be sure to turn off the engine before performing any maintenance, checking procedures or working on the machine.

WARNING

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

4. When replacing the cutting attachment or any other part, or when replacing the oil or any lubricant, always be sure to **use only High Quality products.**



5. 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 authorized servicing dealer for assistance.

6. Do not use any accessory or attachment other than those were recommend for the unit.

7. 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 is designed to run on a mixed fuel, which contains highly flammable gasoline. 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.



4. For safe operation

2. Handle fuel with care, it is highly flammable. Never smoke while operating the unit or refilling its fuel tank.

*Refill after
cooling the
engine*



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.

6. Do not inhale fuel fumes as they are toxic.

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.

3. When transporting or storing the machine always fit the cutting device guard.

5. Fuel**■ FUEL**

- Gasoline 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.



- The engines are lubricated by oil specially formulated for air-cooled 2-cycle gasoline engine use. Please use an anti-oxidant added quality oil expressly labeled for air-cooled 2-cycle engine use (JASO FC GRADE OIL or ISO EGC GRADE).
- Do not use BIA or TCW (2-stroke water-cooling type) mixed oil.

**■ RECOMMENDED MIXING RATIO GASOLINE 40 : OIL 1**

- 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 gasoline.
- Make sure to use gasoline with a minimum octane number of 89RON (USA/Canada: 87AL).
- If you use a gasoline 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 gasoline is recommended to reduce the contamination of the air for the sake of your health and the environment.

5. Fuel

•Poor quality gasolines or oils may damage 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 gasoline and oil to be mixed.
- 2.Put some of the gasoline into a clean, approved fuel container.
- 3.Pour in all of the oil and agitate well.
- 4.Pour in the rest of gasoline 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 gasoline 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 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 gasoline in the container.

■

FOR YOUR ENGINE LIFE, AVOID:

- 1.FUEL WITH NO OIL (RAW GASOLINE) – 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

5. Fuel

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

- As for details of quality assurance, read the description in the section Limited Warranty carefully. Moreover, normal wear and change in product with no functional influence are not covered by the warranty. Also, be careful that, if the usage in the instruction manual is not observed as to the mixed gasoline, etc. described therein, it may not be covered by the warranty.

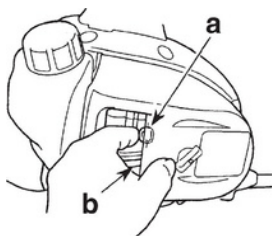
6. Operation

■ STARTING ENGINE

⚠ WARNING

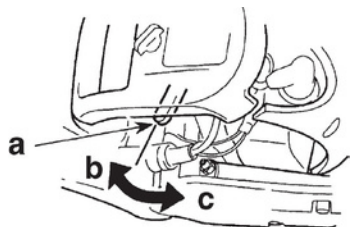
The cutting head will start moving upon the engine starts.

1. Feed fuel into the fuel tank and tighten the cap securely.
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 moving upon starting of the engine.
3. Push the primer several times until overflow fuel flows out in the clear tube.



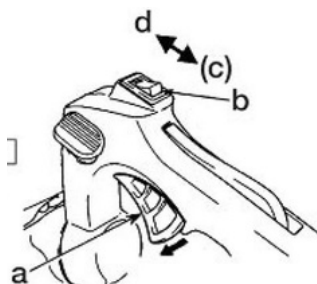
(a) primer (b) clear tube

4. When the engine is cool, move the choke lever to the closed position.



(a) choke lever (b) open (c) close

5. Set the ignition switch to the " I " position.



(a) Throttle lever (b) Ignition switch (c) o (d) I

6. Operation

6. While holding the unit firmly, pull out the starter rope quickly until engine fires.



! IMPORTANT

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

7. Move the choke lever downward to open the choke. and restart engine.

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

NOTE

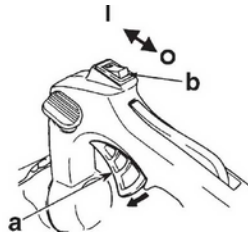
1. When restarting the engine immediately after stopping it, leave the choke open.

2. Over choking 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 ignition switch to the “○” position.



! IMPORTANT

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

6. Operation



NOTE

If the engine won't stop when setting the ignition switch to the stop position, close the choke lever and stop the engine.

In this case, please repair the machine at your nearest servicing dealer.

CUTTING WORK

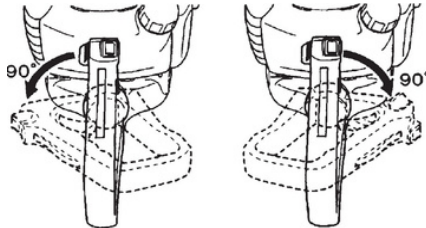


WARNING

- Weather conditions and altitude may effect carburation.
- Do not allow anyone to stay close to the hedge trimmer while working or while adjusting the carburetor.

HOW TO USE : HANDLE (THT245D)

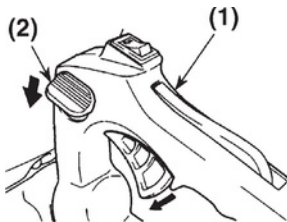
- To reduce fatigue when trimming hedges, the handle can be swiveled through 90° to left or right.



- Do not press the throttle during this operation!

Proceed as follows:

- 1.Free the handle by pressing the locking lever.
- 2.Turn the handle until the locking lever clicks into place.
- 3.When the handle is locked in its new position, you can apply the throttle again.



(1) handle

(2)locking lever

6. Operation

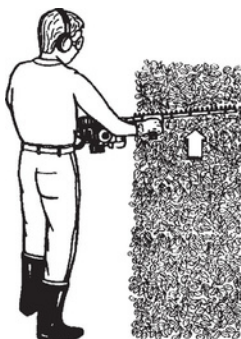
- You can swivel the handle even with the engine idling because the hedge-trimmer is equipped with a blade brake that maintains the blades at a standstill.

■ HEDGE TRIMMING TECHNIQUES

Trim sides of a hedge first, and then the top.

Vertical cut:

- With the single-sided blade hedge-trimmer, model THT245S always cut from the bottom up.



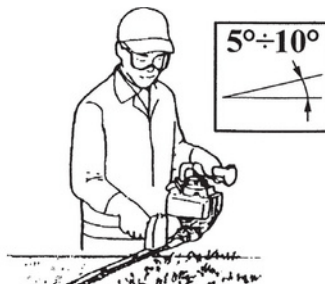
- With the 2-sided blade model THT245D use an arcing cut from the bottom upwards, then downwards to use both sides of the blades.



6. Operation

Horizontal cut:

- In order to get the best cutting results, slightly tilt the blade (5° ÷ 10°) towards the cutting direction.



Cut slowly, especially with thick hedges.

WARNING

Always follow the safety precautions. The hedge-trimmer must only be used to trim hedges or small bushes. It is forbidden to cut other types of material. Do not use the hedge-trimmer as a lever to lift, move or break objects, nor lock it on fixed supports. It is forbidden to apply tools or applications that are not the ones indicated by the manufacturer onto the hedge-trimmer's power take-off. Do not use it for pruning trees or cutting grass.

- Use only as much throttle as is needed to do the job. Excessive engine speed is unnecessary.
- Avoid cutting thick branches, for which will damage the blades and shorten the life of drive systems.
- Tilting the trimmer 5 to 10° to the cutting object will make the job easy and bring a good result.
- Always keep your body to the carburetor side of your trimmer, never on the muffler side.
- When a new machine is first



6. Operation

operated, in the first few minutes grease may come out of the gear case. But, since this is excess grease, there is no cause for alarm. Just wipe it off with the engine stopped for next use.

- 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.

ORIGINAL INSTRUCTIONS

7. 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 or clean	√	√			Replace if necessary
	Idle adjusting screw	See adjusting idle speed	√				replace carburetor if necessary
	Spark plug	Clean and readjust plug gap			√		gap: 0.6-0.7mm replace if necessary
	Cylinder fins, intake air cooling vent	Clean		√			
	Muffler, spark arrester, cylinder exhaust port	Clean				√	
Trimmer	Throttle lever, engine switch	Check operation	√				
	Cutting parts	Replace if something's wrong	√				
	Gear case	Grease		√			
	Screws/nuts/bolts	Tighten or replace	√			√	Not adjusting screws
	Debris guard	Make sure to attach	√				

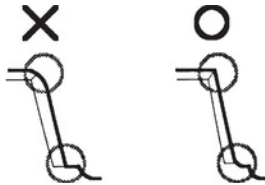
7. Maintenance

⚠ WARNING

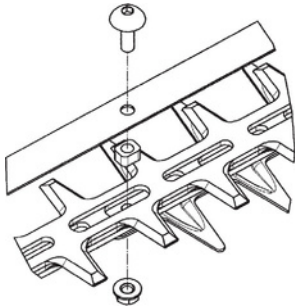
•Make sure that the engine has stopped and is cool before performing any service to the machine. Contact with moving cutting head or hot muffler may result in a personal injury.

BLADE

- Check the blade and the fasteners for looseness, cracking, or bending.
- Check the cutting edges and reform with a flat file. Point: 1.Keep the end corner sharp. 2.Round the root of the edge. 3.Do not use water when using a grinder.



•You need not to adjust the gap between upper blade and lower blade as this product is designed to have optimal gap when it is properly set up.



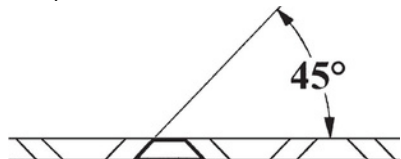
(1) Bolt (2) Plate (3) Spacer (4) Nut

! IMPORTANT

When mounting the blade, make sure to fasten the spacer, washer and bolt, then fasten the nut.

■ **SHARPENING**

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7. Maintenance

Always keep the file or sharpener at an angle of 45° to the blade, and:

- Always grind in the direction of the cutting edge;
- Note: files cut only in one direction; lift the file from the blade when returning to start a new pass;
- Remove all burr from the edge of the blade with a slip stone;
- Remove as little material as possible;
- Before refitting the sharpened blades, remove filings and then apply grease.

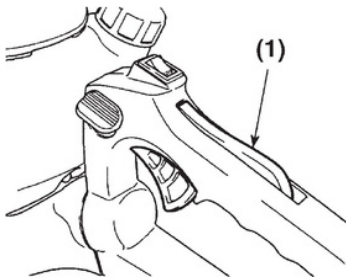
Do not try to sharpen a damaged blade: change it or take it to a Service dealer.

SAFETY LOCK



• Stop operation when the safety lock is defective.

• Safety lock is the device not to accelerate the throttle lever without intention. While pushing the safety lock, you can accelerate the throttle lever.



(1)safety lock

1. Check if the throttle lever does not move when you do not push the safety lock.
 2. Check if the throttle lever moves when you grasp or release it while pushing the safety lock.
 3. Check if the safety lock returns to its original position when you release your hand from safety lock.
- If you find any defects at the checks above, contact your nearest servicing dealer for repair.

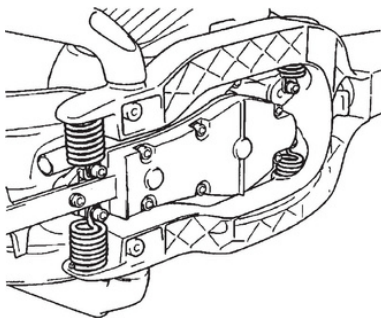
7. Maintenance

ANTI-VIBRATION SYSTEM

WARNING

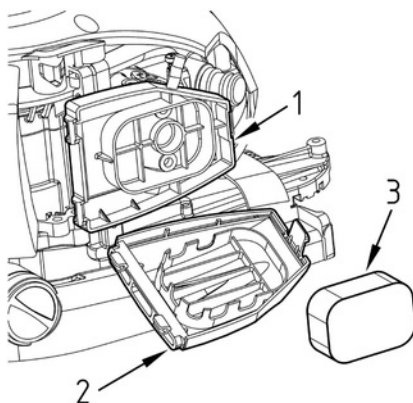
The deformed or damaged anti-vibration system may cause of the breakages like getting rickety or falling off of engine and/or blade .

- [THT245S] Check periodically if the rubber cushions are not deformed or damaged.
- [THT245D] Check periodically if the springs are not deformed or damaged.



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.

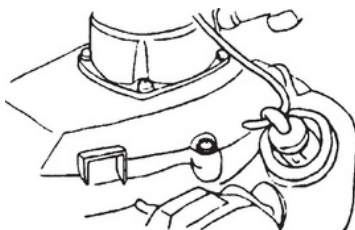


1、 Air filter base, 2、 Air filter cover, 3、 Filter element

7. Maintenance

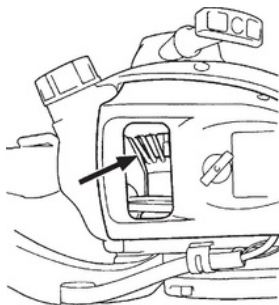
FUEL FILTER

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



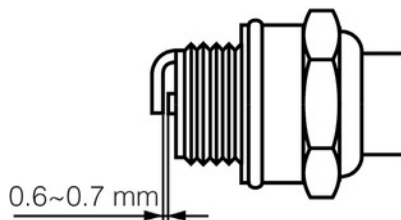
WAY OF THE COOLING AIR

- This engine is air-cooled. Dust clogging between the inlet port of the cooling air and cylinder fins will cause overheating of the engine. Periodically check and clean the cylinder fins after removing the air cleaner and the cylinder cover.



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.



- REPLACEMENT PLUG IS A NHSP LD L8RTF or Champion RCJ7Y.

7. Maintenance

! IMPORTANT

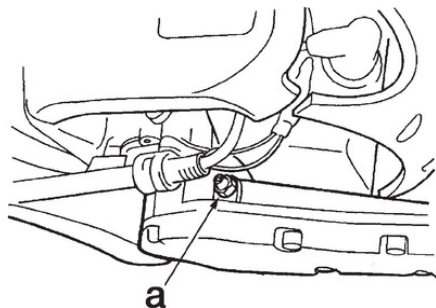
- Note that using any spark plug other than those designated may result in the engine failing to operate properly or in the engine becoming overheated and damaged.
- To install the spark plug, first turn the plug until it is finger tight, then tighten it a quarter turn more with a socket wrench.

TIGHTENING TORQUE: 14.7–21.5 N·m

GEAR CASE

- Supply multi-purpose grease at every 25 hours of use.

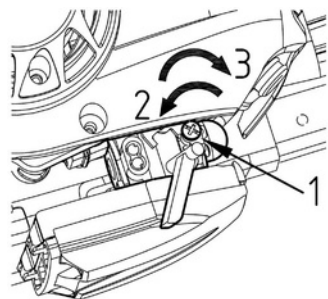
- 1.Use a grease pump.
- 2.Feed grease until it comes out of the base of blades.



(a)Grease nipple: A type

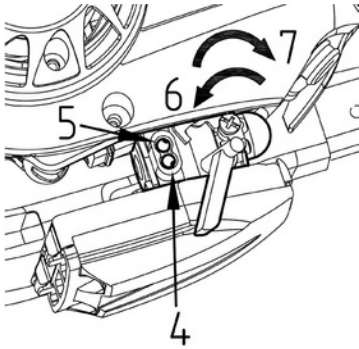
ADJUSTING CARBURETOR

The carburetor has been adjusted at the factory. Should your unit need readjustment due to the changes in altitude or operating conditions, please let your skillful dealer make the adjustment. A wrong adjustment may cause damage to your unit.



(1)Idle adjusting screw (2) Idle speed up (3) Idle speed down

7. Maintenance



(4) High speed adjusting screw (Opening $1 \pm 1/4$), (5) Low

speed adjusting screw (Opening $1 \pm 1/2$), (6) Speed decrease (7) Speed increase

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.



8. Storage

1. Oil the blade to prevent rust.
2. Empty the fuel tank and put the cap back on.
3. Remove the spark plug, pour a small amount of oil into the cylinder.
4. Rotate the crankshaft several times using the starting rope in order to distribute the oil. Put the spark plug back in.
5. Wrap the engine with a plastic sheet.
6. Store the trimmer indoors in a dry place, dust free place, out of the reach of children, preferably not in direct contact with the floor and away from heat sources.

9. 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
spark plug is fouled/wet spark plug (no spark)		→ 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 carburetor adjustment screw or stale fuel	→ incorrect fuel or stale fuel	→ drain it and use correct fuel
normal range muffler, cylinder (exhaust port)	→ carbon is built-up	→ adjust to normal range
carbon is built-up		→ wipe away
air cleaner	→ clogged with dust	→ wash
cylinder fin, fan cover	→ clogged with dust	→ clean

10. Waste disposal and environmental protection

Never pour remainders of chain lubricant or 2-stroke fuel mixture in the drain or sewerage system or soil, but dispose of it in a proper, environmentally friendly way, e.g., at a special collecting point or dump. If your device should become useless somewhere in the future or you do not need it any longer, do not dispose of the device together with your domestic refuse, but dispose of it in an environmentally friendly manner. Thoroughly empty the oil/lubricant and fuel tanks and dispose of the remainders at a special collecting point or dump. Please also dispose of the device itself at an according collecting/recycling point. By doing so, plastic and metal parts can be separated and recycled. Information concerning the disposal of materials and devices are available from your local administration.

11. Specifications

Model	NZ02
Type	double-action type
THT245S / THT245D	Single blade / Double blade
Blade length (from the tip of Gear Case)	
THT245S / THT245D	610 mm
Effective cutting length	
THT245S / THT245D	550 mm
Engine	
Model	1E34F-2
Displacement	24.5 cm ³
Carburetor	Diaphragm type
Ignition system	I.C.controlled flywheel magneto
Spark plug	NHSP LD L8RTF/ Champion RCJ7Y
Fuel	mixture (Gasoline 40 : Oil 1)
(using JASO FC or ISO EGC grade oil)	
Fuel tank capacity	0.33 L
Starter	Recoil starter
Clutch	Centrifugal type
Reduction ratio	5,11
Dry weight	5.4kg

Specifications are subject to change without notice.