

HYUNDAI

MULTI-TOOL

Model HYMT5080



User Manual

Licensed by Hyundai Corporation, Korea

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1. SAFETY

1.1. General safety notes.

1.1.1. The operator of the machine is responsible for, and has a duty of care in making sure that the machine is operated safely and in accordance with the instructions in this user manual. Keep the manual safe and pass it on if the machine is loaned or sold to another user.

1.1.2. Please note the following safety points.

1.1.2.1. The machine should never be left it in a condition which would allow an untrained or unauthorised person/s to operate this machine.

1.1.2.1.1. All due care and diligence should be taken by the operator for the safety of, and with regard to, those around whilst using the machine.

1.1.2.1.2. Some or all of the following - warning signs, symbols and/or PPE pictograms may appear throughout this manual. You MUST adhere to their warning/s. Failure to do so may result in personal injury to yourself or those around you.

DANGER

Indicates a hazard, which, if not avoided, could result in serious injury or death.

WARNING

Indicates a hazard, which, if not avoided, could result in serious injury.

CAUTION

Indicates a hazard which, if not avoided, might result in minor or moderate injury.

NOTE

Indicates a situation that could easily result in equipment damage.

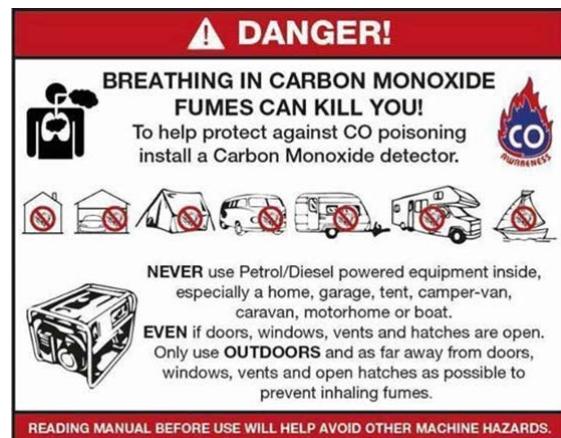


READ and keep the manual safe and pass it on if the machine is loaned or sold to another user. You MUST fully read instructions to make sure you use and operate machine safely.

Appropriate Personal Protective Equipment (PPE), MUST be worn at all times when machine is in use or being repaired.



1.2. Carbon monoxide (where applicable).



1.2.1. Carbon monoxide is a colourless and odourless gas. Inhalation of this gas can cause death as well as serious long term health problems such as brain damage.

1.2.2. The symptoms of carbon monoxide poisoning can include but are not limited to the following; Headaches, dizziness, nausea, breathlessness, collapsing or loss of consciousness.

1.2.2.1. Carbon monoxide poisoning symptoms are similar to flu, food poisoning, viral infections and simply tiredness. It is quite common for people to mistake this very dangerous poisoning for something else.

1.2.2.2. To avoid carbon monoxide poisoning DO NOT use Petrol/Diesel- powered equipment inside any of the following; Home, garage, tent, camper van, mobile home, caravan or boat.

This list is not exhaustive and if you are in any doubt contact your dealer.

1.2.3. If you think you have or someone around you has been affected by carbon monoxide poisoning;

1.2.3.1. Get them fresh air immediately, by leaving the affected area or by opening doors and windows. If safe and practical to do so make sure that the machine is turned off. DO NOT enter a room you suspect of having carbon monoxide present – instead call the emergency services.

1.2.3.2. Contact a doctor immediately or go to hospital - let them know that you suspect carbon monoxide poisoning.

1.2.4 DO NOT use in an enclosed area or a moving vehicle.

1.3. General fuel safety (where applicable).

CAUTION

ALL FUELS ARE FLAMMABLE

1.3.1. Fire hazard - keep fuel away from all sources of ignition for example heaters, lamps, sparks from grinding or welding.



Fire Hazard

1.3.2. DO NOT carry out hot work on tanks that have contained fuel it is extremely dangerous.

1.3.3. ALWAYS keep work area clean and tidy.

1.3.4. ALWAYS clean up all spills promptly using correct methods i.e. absorbent granules and a lidded bin.

1.3.5. ALWAYS dispose of waste fuels correctly.

1.4. Fuelling/De-fuelling (where applicable).

CAUTION

ALL FUELS ARE FLAMMABLE

1.4.1. ALWAYS fuel and defuel in a well-ventilated area outside of buildings.

1.4.2. ALWAYS wear correct, suitable and fit for purpose Personal Protective Equipment (PPE), suggested items are but not limited to safety gloves and overalls.



1.4.3. When fuelling/de-fuelling ALWAYS avoid inhaling fumes

1.4.4. When de-fuelling ALWAYS use a propriety fuel retriever.

1.4.5. ALWAYS carry fuel in the correct and clearly marked container.



Fire Hazard

1.5. Electrical safety (where applicable).



Risk of electric shock

1.5.1. Electricity can kill - NEVER work on LIVE/ENERGISED equipment.

1.5.2. Prior to carrying out any maintenance work you MUST Identify electrical isolation methods and isolate all electrical supplies,

1.5.3. Prior to use and with all electrical supplies isolated You MUST check all electrical cables, plugs and connections for the following;

1.5.3.1. Are intact and have no signs of damage, to include but not limited to bare wires, chaffing, cuts and loose wiring.

1.5.3.2. If there are any signs of damage, the damaged item MUST be taken out of service until the damage has been repaired by an electrically competent person.

1.5.3.3. All trailing cables should be routed so as not to cause any kind of trip hazard.

1.5.3.4. NEVER work on or near electricity with wet hands, wet clothing, and wet gloves.

1.6. Batteries (where present).



Corrosive

1.6.1. Batteries present a risk if they become damaged by the possible leaking of electrolyte. This electrolyte is an acid and can cause serious burn injuries. Care should be taken

when working on or near them. NOTE the electrolyte may be in liquid or gel form.

1.6.2. Should you come into contact with electrolyte you should;

1.6.2.1. Remove all clothing contaminated with electrolyte. If you cannot remove then saturate in water.

1.6.2.2. Get medical assistance as soon as possible. You must advise the medical staff of the type acid.

1.6.2.2.1. Lead/acid battery = dilute sulphuric acid

1.6.2.2.2. Nickel/cadmium = potassium hydroxide alkali electrolyte

1.6.2.3. Use fresh running water to wash off excess electrolyte, continue this until medical assistance arrives. Make sure that you do not wash the electrolyte to another part of the face or body.

1.6.2.4. If electrolyte comes into contact with Eyes the electrolyte needs to be immediately washed away with large amounts of water. Make sure that you do not wash the electrolyte to another part of the face or body.

1.6.3. Gasses from charging batteries are highly flammable and great care should be taken to charge in well ventilated areas.

1.6.4. There is an explosion risk if the battery terminals are short circuited, when connecting/dis-connecting ALWAYS exercise great care so that the terminals or battery leads are NOT allowed to touch and cause a spark. ALWAYS use suitable insulated tools.



1.7. Vibrations (where applicable).

1.7.1. Prolonged use of hand held (operated) machines will cause the user to feel the effects of/from vibrations. These vibrations can lead to white finger (Raynaud's phenomenon) or carpal tunnel syndrome. This condition

reduces the ability of the hand to feel and regulate temperature, causing numbness and heat sensations and may cause nerve damage and circulatory tissue death.

1.7.2. Not all factors that lead to white finger disease are known, but cold weather, smoking and other diseases that affect blood vessels and blood circulation as well as large and long-lasting impact of shocks are considered factors in the formation of white finger. Note the following to reduce the risk the white finger and carpal tunnel syndrome:

1.7.2.1. Wear gloves and keep your hands warm

1.7.2.2. Take regular breaks

1.7.3. All of the above precautions may help reduce the risk of white finger disease but not rule out carpal tunnel syndrome. Long-term and regular users are therefore recommended to observe the condition of your hands and fingers. Seek medical attention immediately if any of the above symptoms should occur.

1.8. Noise (where applicable).

1.8.1. The operating noise of the machine can damage your hearing. Wear hearing protection such as earplugs or ear defenders to protect your hearing. Long- term and regular users are advised to have hearing checked regularly. Be especially vigilant and cautious when wearing hearing protection because your ability to hear alarm warnings will be reduced.

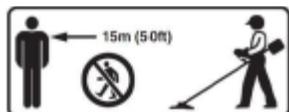
1.8.2. Noise emissions for this equipment is unavoidable. Carry out noisy work at approved times and for certain periods. Limit the working time to a minimum. For your personal protection and protection of people working nearby it is also advisable for them to wear hearing protection.

1.8.3. See CERTIFICATE OF CONFORMITY section for Outdoor Noise declaration of conformity.



1.9. Additional safety labels.

Keep all children, bystanders and helpers 15 meters from the machine.



Warning against flying objects wear helmet, goggles and ear protection.



Warning: Danger from hot components, especially exhaust - Keep clear of combustible materials.



Warning: Danger from thrown objects.



1.10. Additional safety instructions.

1.10.1. Spectators should be told how to correctly attract the operator's attention, otherwise it could create an unsafe situation.

1.10.2. Never touch either the nylon cutting head or the metal cutting blades whilst the machine is in use – You MUST allow the machine to come to a stop and to remove the HT lead before carrying out any maintenance.

1.10.3. During and after use the engine and exhaust will be very HOT you must keep all your all parts of your body and clothing including all combustible materials clear of the engine and exhaust.

1.10.4. DO NOT use the machine during or after rain, snow or sleet. The floor will become slippery. DO NOT use the machine on a slope or uneven ground or if there is the chance of slipping or losing the stability.

1.10.5. If you trip or fall whilst machine is in use you MUST immediately release the throttle, and turn off the ignition switch.

1.10.6. If you hit any obstacles you must stop the machine and remove the HT lead so that you can inspect the machine. IF the machine is damaged in any way you MUST get it repaired before restarting work.

1.10.7. DO NOT use the machine with a blunt, cracked or damaged cutting blades.

1.10.8. When using the blade cutter there is a danger of kickback. Kickback is a reaction that can occur when the rotating cutting blade strikes an object which cannot be cut. This contact causes the cutting blade to stop for an instant and then suddenly repel from the object taken with accelerated force. This reaction can be violent enough that the operator momentary loses control of the machine. A kickback can occur without warning when the cutter encounters an unseen obstacle when the blade is running. This is more likely in areas where it is difficult to properly check the material/area to be cut. For easy and safe cutting, cut the weeds/brush from right to your left.

1.10.9. If any trimmed materials get tangled in the nylon cord or cutting blade you MUST stop the machine and remove the HT lead. Only then can you clear any blockages.

1.10.10. **DANGER**

NEVER use the machine with a saw blade attachment other than as specified in this manual it is STRICTLY FORBIDDEN.

1.10.11. DO not use the brush cutter for trimming trees.

1.10.12. DO NOT wear rings and jewelry or loose, dangling clothing that could get caught in the machine. DO NOT wear footwear with unprotected toes and DO NOT work barefoot or without leg protection. In certain situations, you have to wear head protection.

1.10.13. DO NOT use the machine if you are tired, ill or under the influence of medication, drugs or alcohol.

2. QUICK START

You can also check out our online video at www.youtube.com/hyundaipowerequip.co.uk

2.1. This guide is meant to serve as a quick reference for operating your Hyundai HYMT5080 5 in 1 Multi-Tool. It is for convenience and the user should read the safety section first.

OUTDOOR USE ONLY.

This brush-cutter produces carbon monoxide - a poisonous, colourless & odourless gas that can cause death or serious injury. Petrol is highly flammable, always handle with extreme care and in a well ventilated area.

Always remove HT lead from spark plug when checking machine or changing parts.

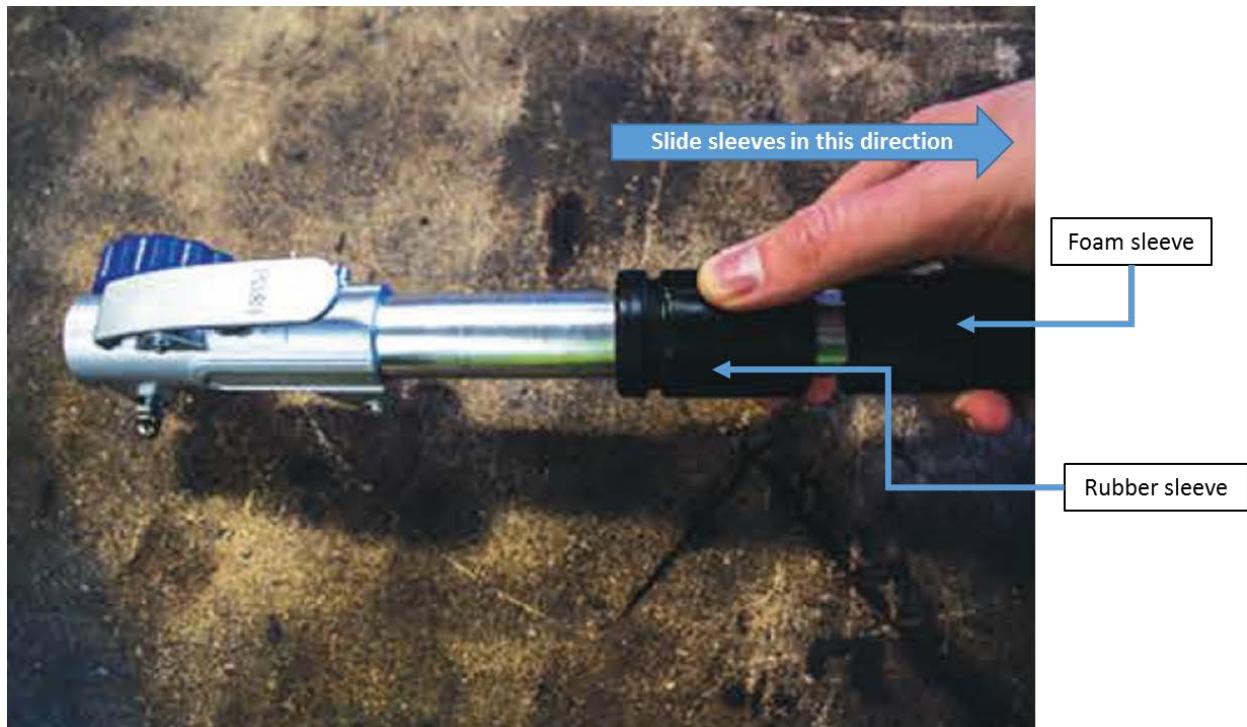
2.2. This product includes;

Double over shoulder harness, Cutting guard, Nylon string cutting head, Three tooth metal blade, Eight tooth cutting blade, Protective gloves, visor and ear defenders, Fuel mixing bottle, Tool kit and nuts/bolts, Nylon string, Handle, Power unit, Extension pole, Hedge trimmer, Grass trimmer, Brush-cutter, Pole chainsaw, User manual & Assembly guide.

2.3. At this point, check that you have all of the included items listed above. If any are missing or damaged, call 01646 687 880 or email info@hyundaipowerequipment.co.uk.

2.4. Handle assembly.

Take the head unit and place it on a firm work surface. Slide both the foam and rubber sleeve towards the engine, position the rubber sleeve to suit the user of the machine.



Take bottom half of the lower handle and locate it into the groove of the rubber sleeve.

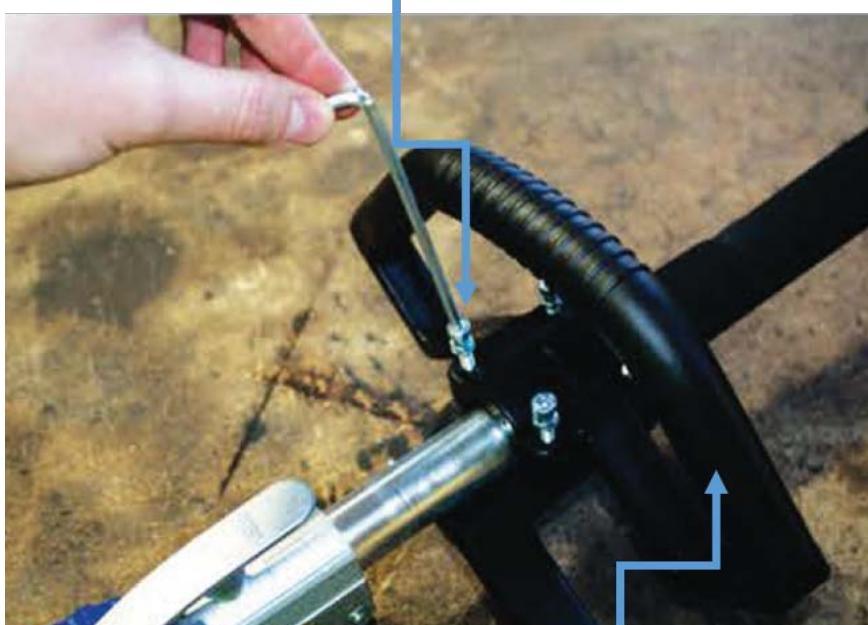
Locate bottom half of handle into groove



Bottom half of lower handle

Take the upper half of the lower handle and place it above and over the rubber sleeve. Secure it into place using the 4 Allen bolts. Before tightening adjust position to suit the user.

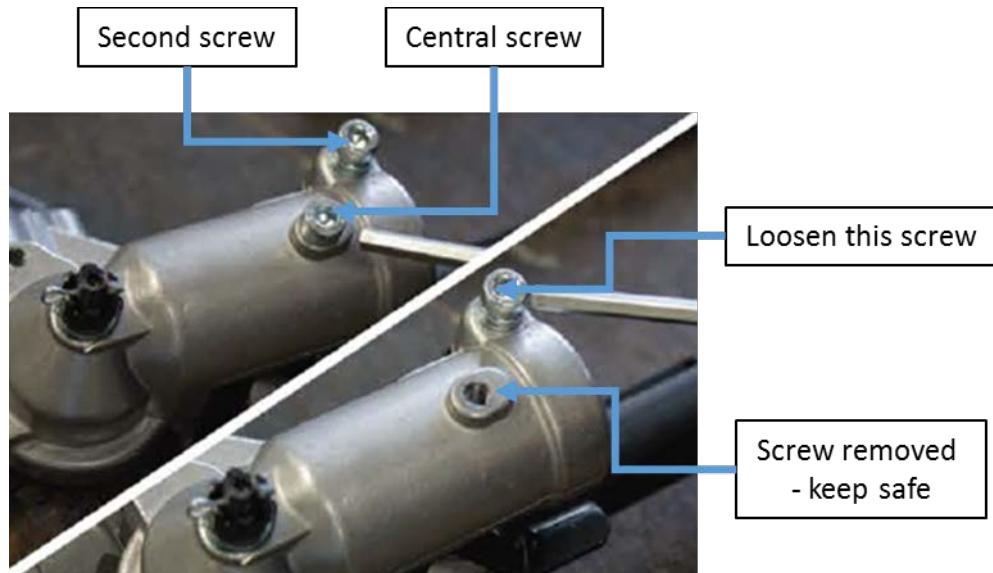
Fixing bolts x 4



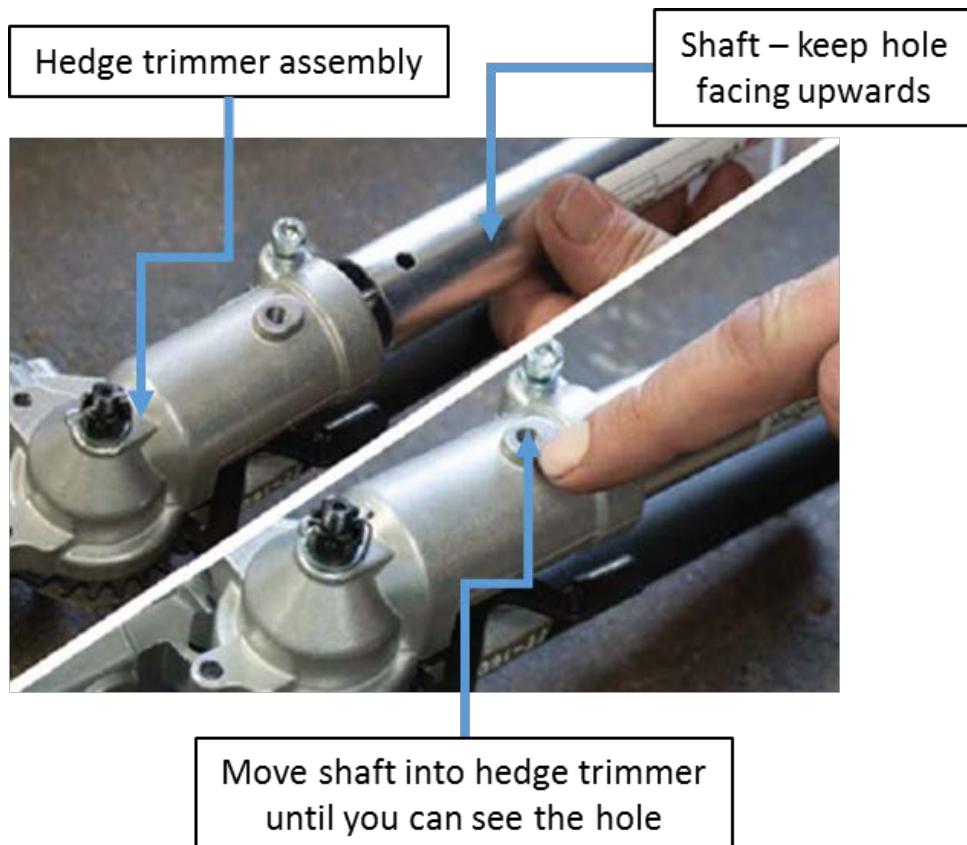
Top half of lower handle

2.5. Hedge Trimmer assembly.

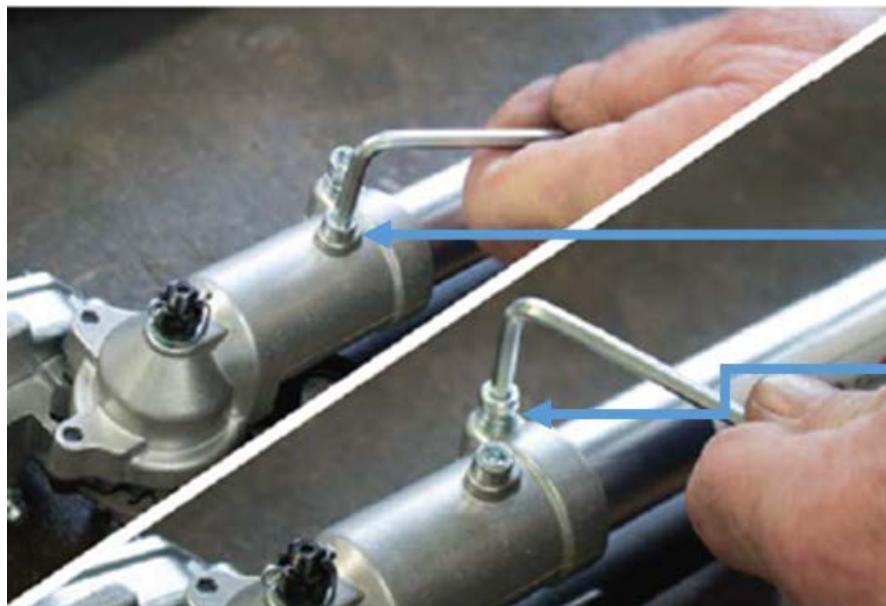
Place hedge trimmer assembly onto a firm work surface. Remove the Central screw and keep it safe.
Loosen the second screw.



Push shaft into hedge trimmer keeping the locating hole upwards.



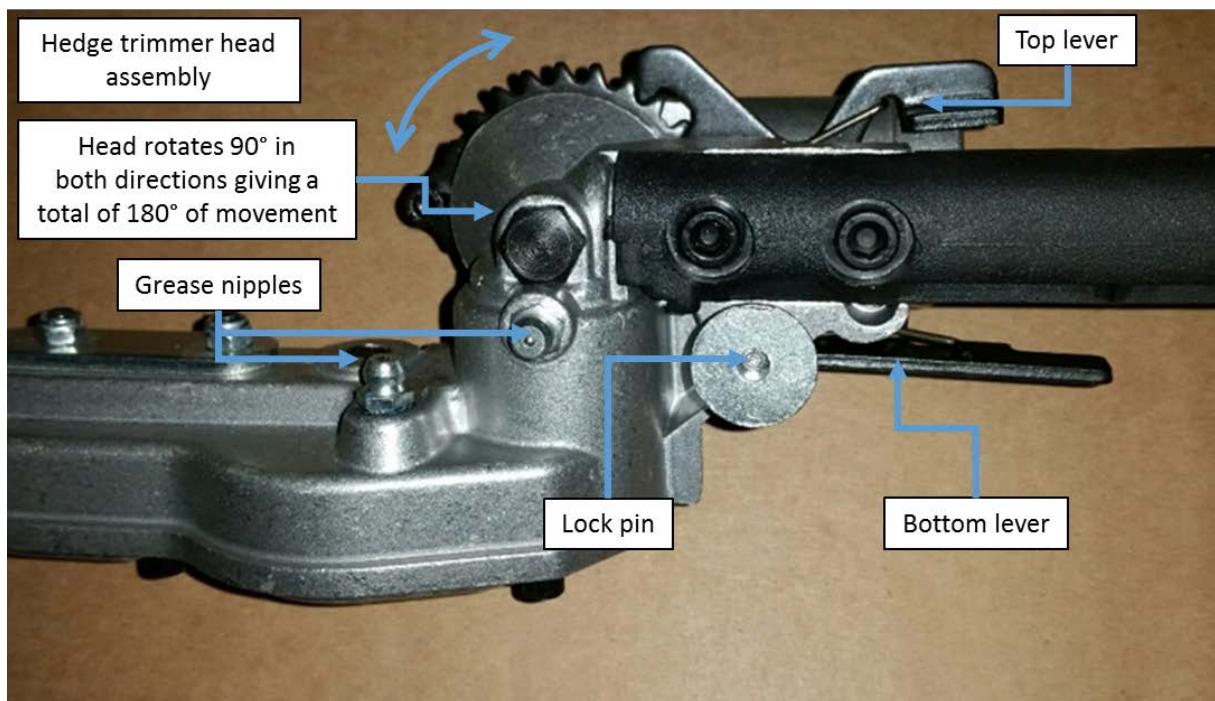
Once shaft is locate you can insert and tighten the central screw, then tighten the second scree.



Central screw

Second screw

Hedge trimmer head adjustment. To adjust head pull out the lock pin and press both top and bottom handles move head to desired position. Head can rotate 90° in both direction giving a total head movement of 180°.



Hedge trimmer head assembly

Head rotates 90° in both directions giving a total of 180° of movement

Grease nipples

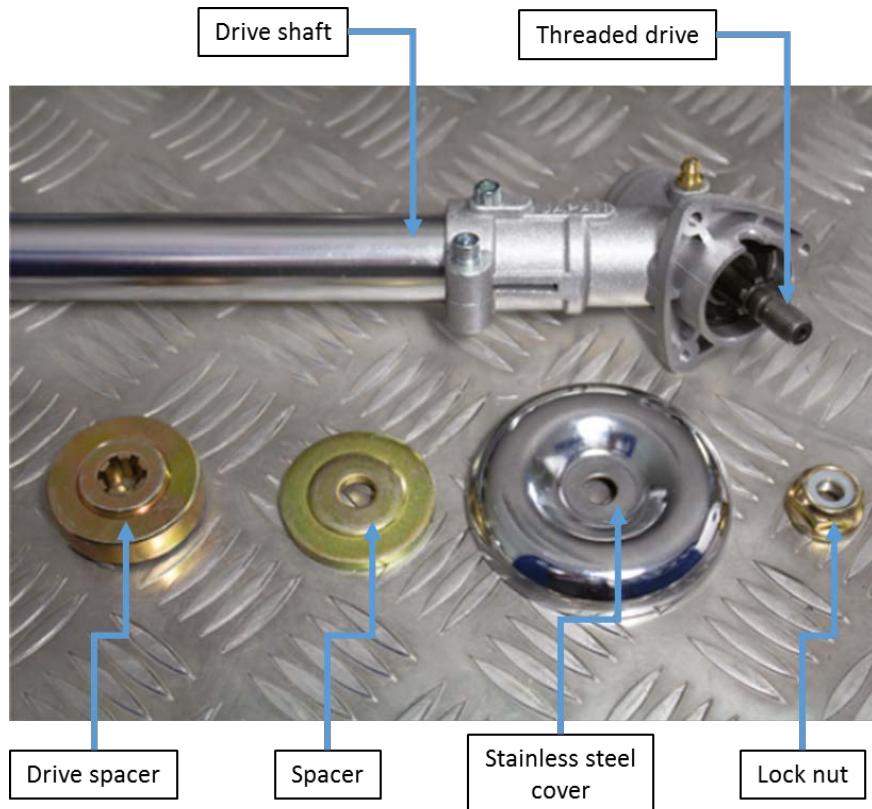
Top lever

Lock pin

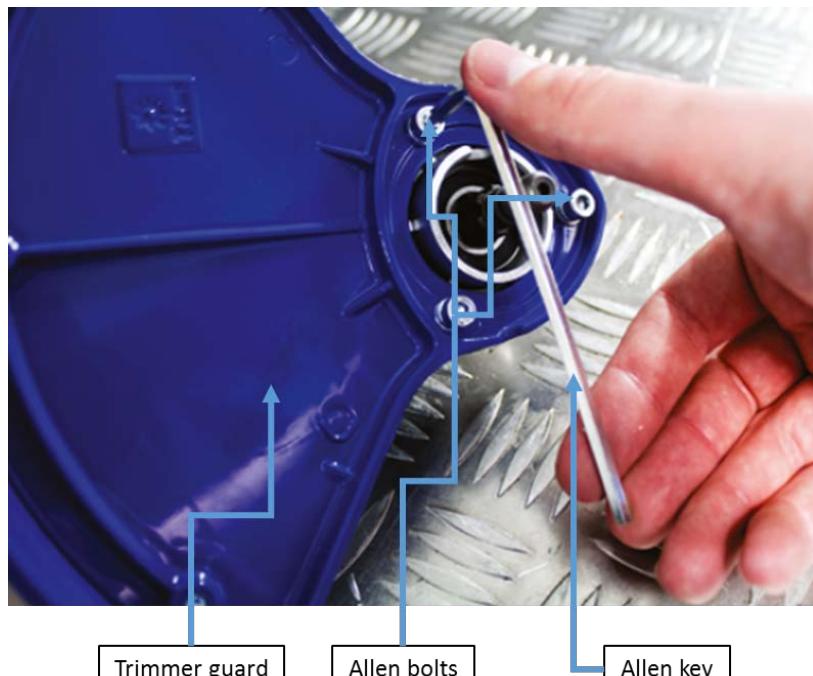
Bottom lever

2.6. Guard assembly.

Remove in this order - lock-nut, stainless steel cover, spacer and drive spacer.

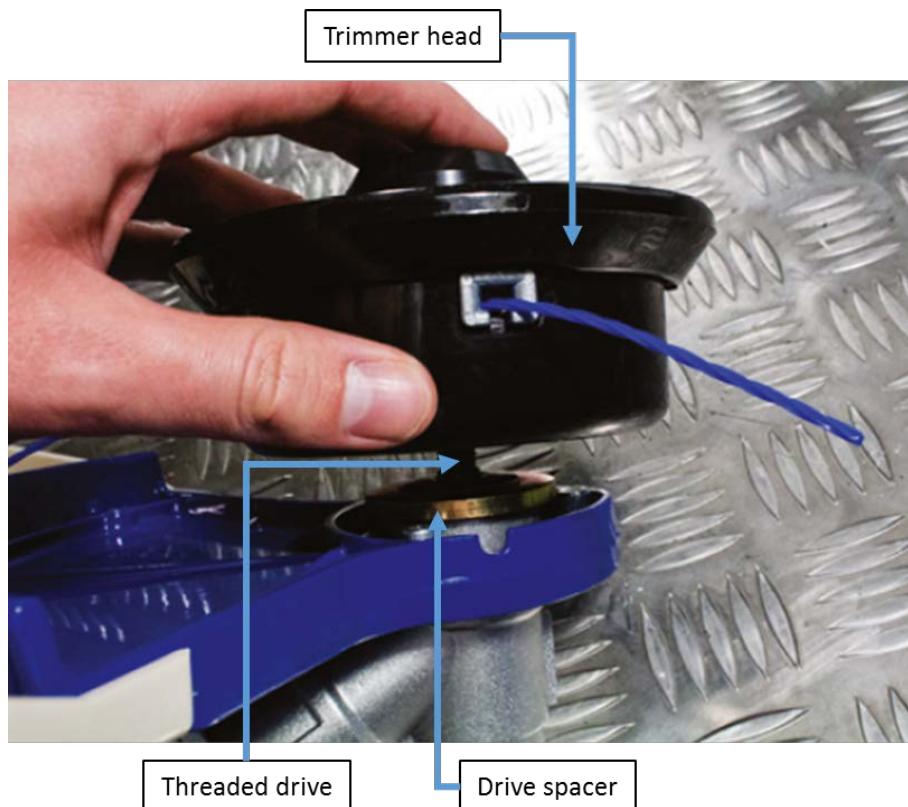


Place cover over threaded drive, align the three holes and secure in place using the 3 allen bolts.
Tighten in place using the Allen key.

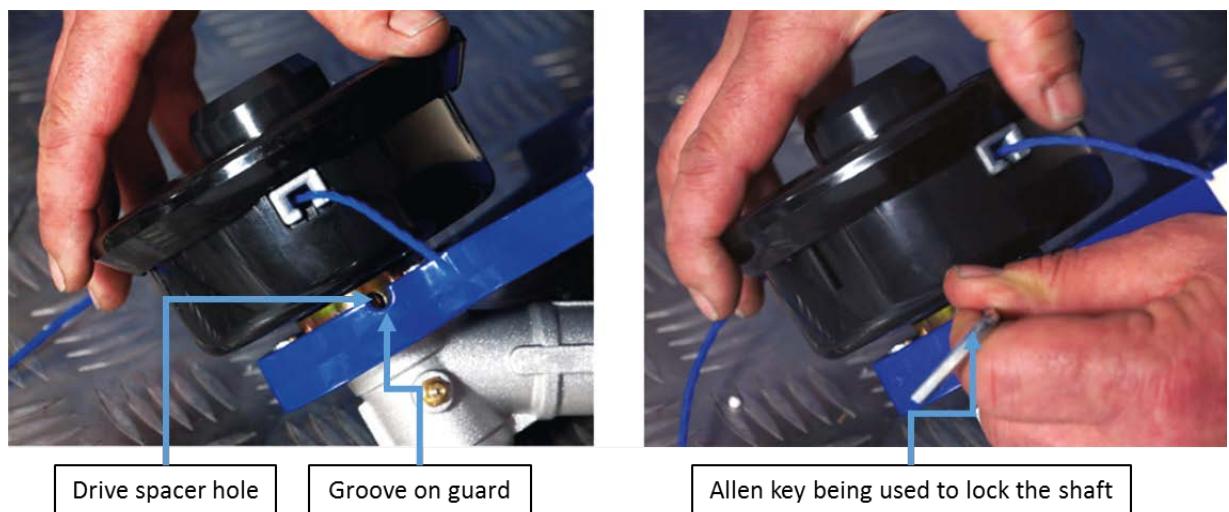


2.7. Grass trimmer assembly. (Bump trimmer head).

Place the drive spacer over the threaded drive. Then attach the trimmer head onto the threaded drive – tighten in an anti-clockwise direction.



Align hole on drive spacer with groove on the guard, then using the Allen key lock the shaft in place – once shaft is locked you can tighten the trimmer head.

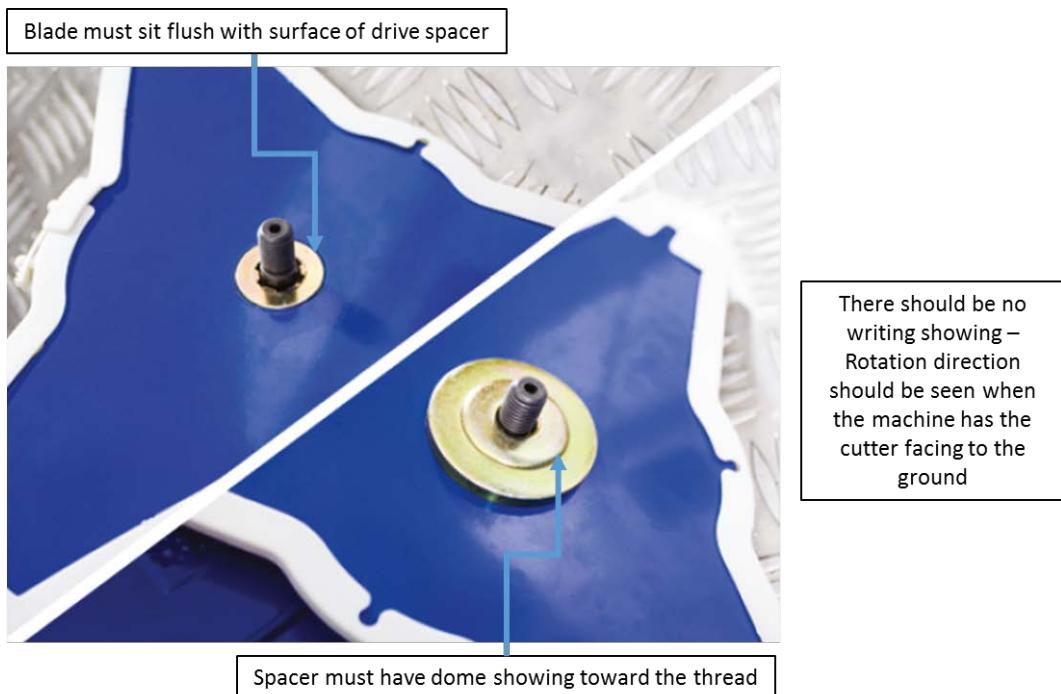


2.8. Cutting blade assembly. (Instruction to suit either 3 or 5 bladed cutter).

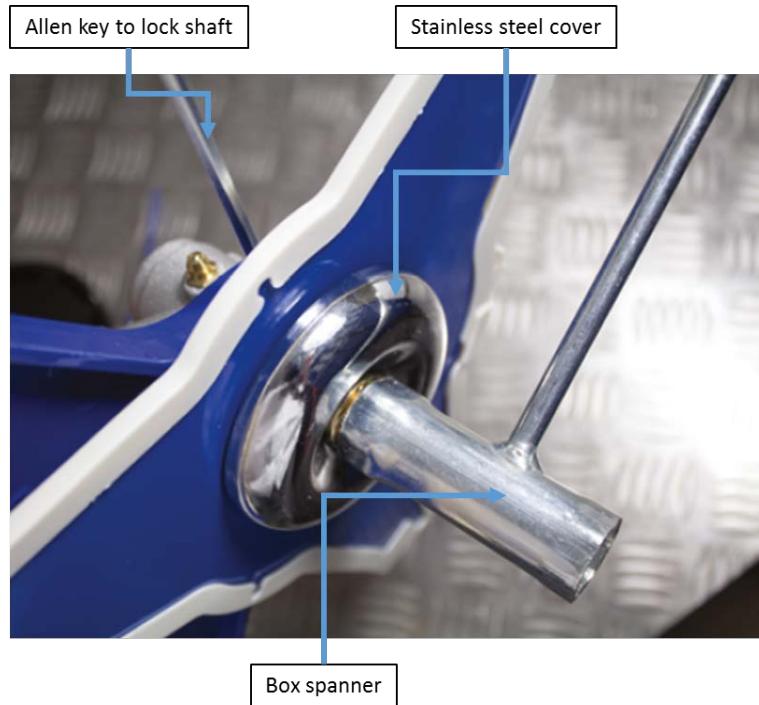
Place the drive spacer over the threaded drive – N.B. Raised area to be toward the thread



Place the over the threaded drive, then place spacer over threaded drive – N.B. Raised area to be toward the thread. N.B. There should be now writing showing.

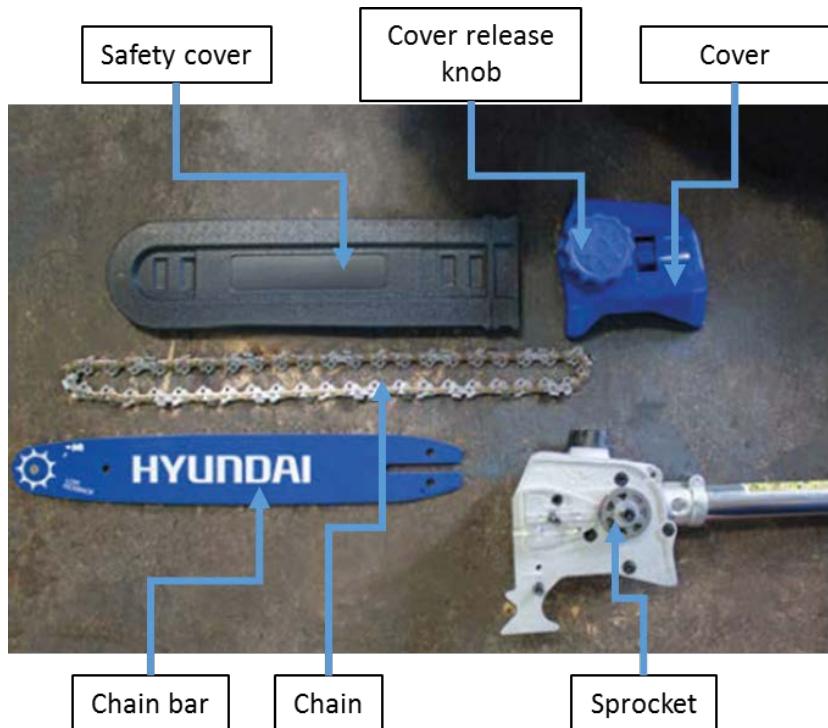


Once blade is assembled place stainless steel cover over spacer, put lock-nut onto threaded shaft and loosely tighten (anti-clockwise direction). Use the box spanner to over the lock-nut and tighten – use the Allen key to lock the shaft.

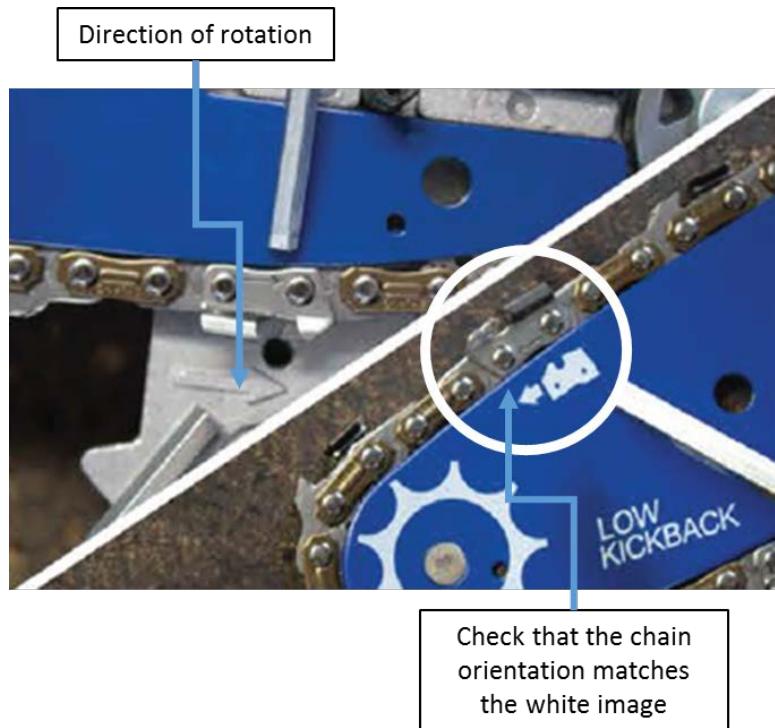


2.9. Pole chainsaw assembly.

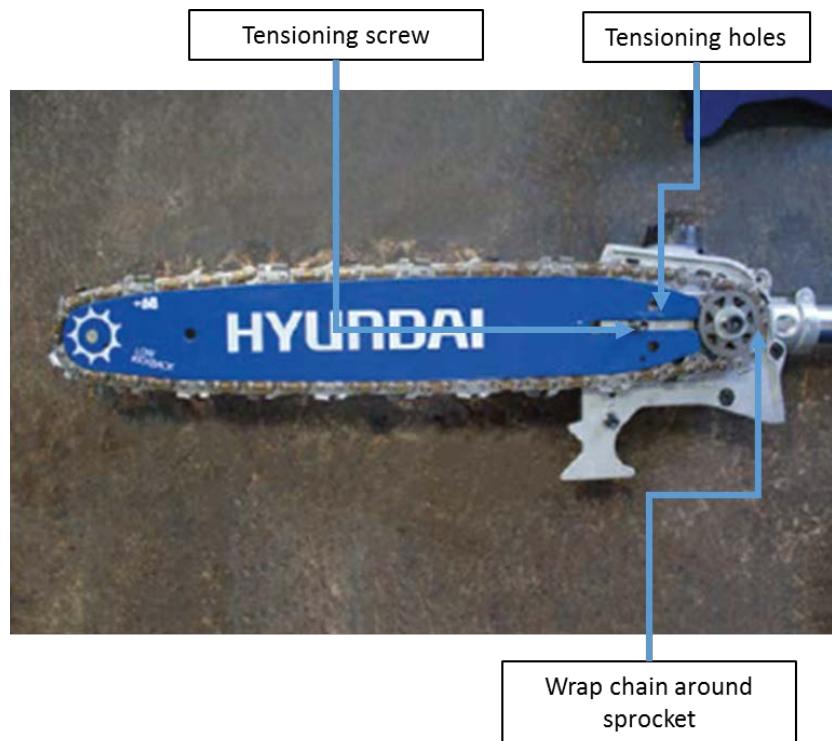
Put on a pair of safety gloves and lay out on a firm work surface all of the chainsaw parts.
Remove cover by undoing the cover release knob.



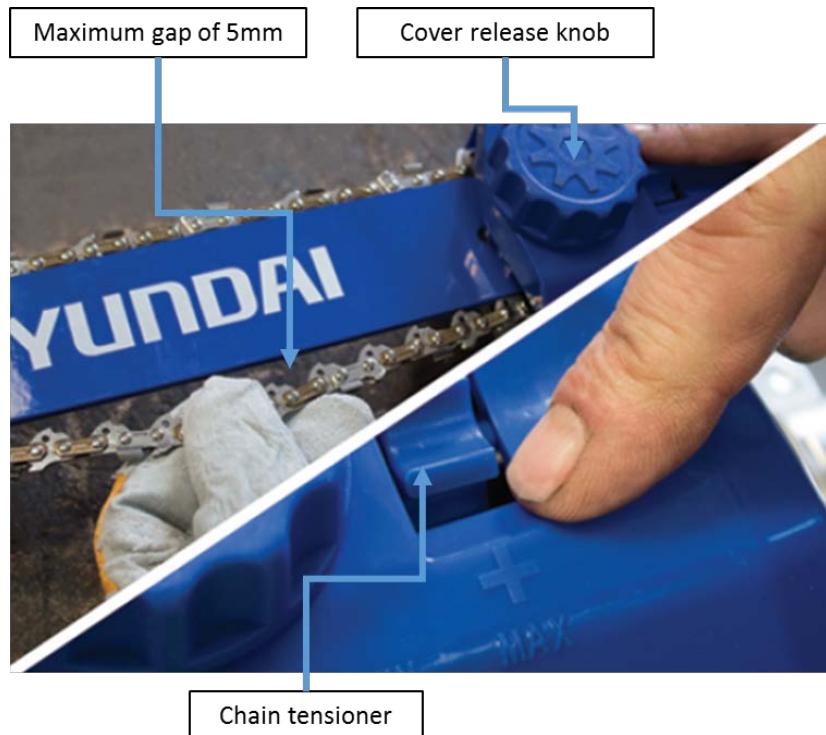
Put the chain on the chain bar and make sure it corresponds with the direction indicated by the arrows as shown in image below.



With the chain wrapped around the bar wrap the chain around the sprocket then align the tensioning hole with the tensioning screw on the cover.

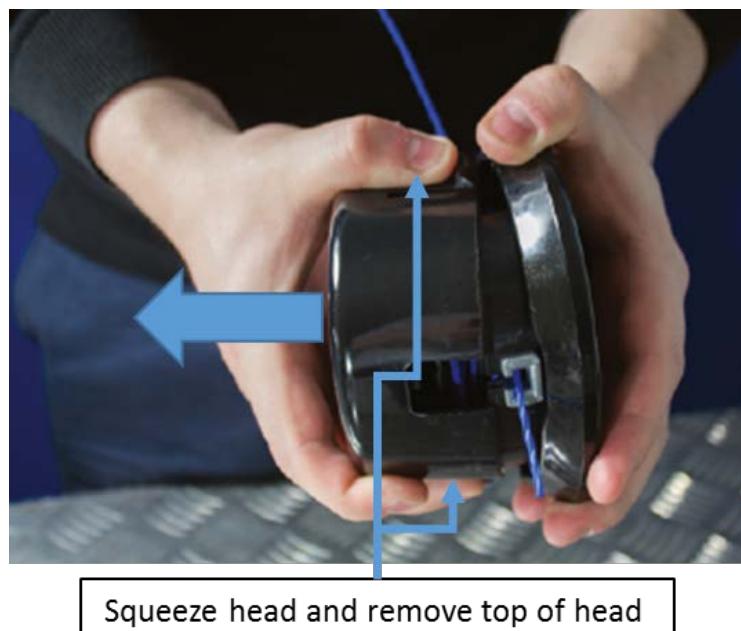


Replace the cover making sure that it is correctly aligned, you may have to move the chain tensioner to allow the cover to align. Once the cover is secured into place adjust the chain tension so that has maximum of 5mm drop when pulled away from the bar.

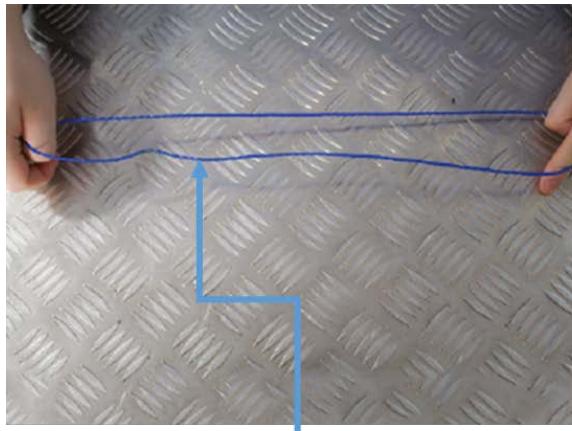


2.10. Fitting/replacing spool line.

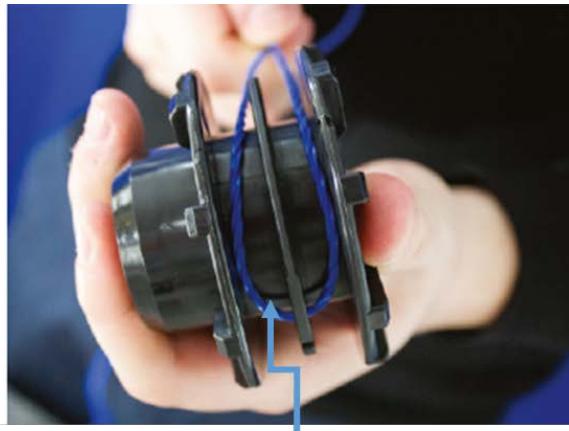
Squeeze the bump head unit either side on the grooves and pull to remove the top of the head. Remove the spool, spring and washer from the spindle.



With the bump feed facing outwards from your left hand, take the looped end and place it around the holder in the middle of the spool as shown below.
You will need approximately 3 metres of 2.5 mm of nylon cord



Take cutting line and fold in half

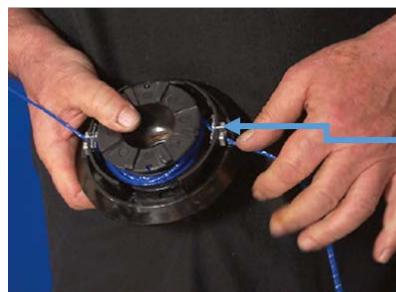


Place the looped end over the spool

Wrap the nylon cord around the spool in an anti-clockwise direction until you have approximately - 150 mm (6"). Then insert spool back into the spindle. Feed the line through the two notches in the spindle and reinsert the washer and spring into the spool. Once complete re-attach the spindle to the cutting head.



Wrap the nylon cord around the spool in an anti-clockwise direction until you have approximately - 150 mm (6").



Then insert spool back into the spindle. Feed the line through the two notches in the spindle.



Reinsert the washer and spring into the spool. Once complete re-attach the spindle to the cutting head.

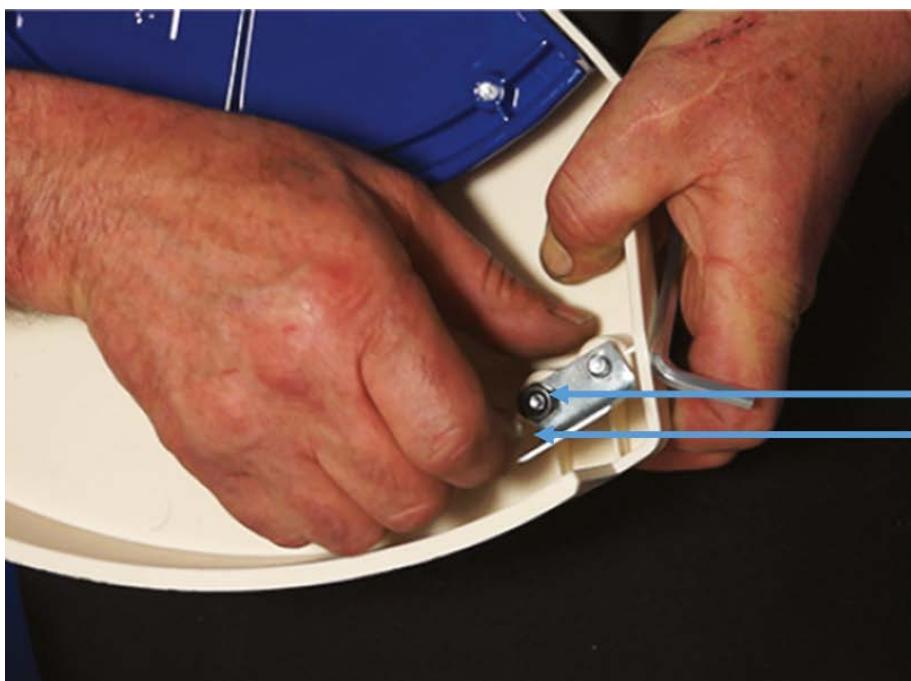
2.11. Trimmer blade assembly.

Place the two bolts through the guard from the top.



Push 2 x bolts
through the guard
from the top

On the underside of guard place the cutter over the bolts and secure in places using the 2 nuts.
Tighten by using Allen key and spanner.



Place the cutter
over the 2 x bolts
Then secure in place
using the 2 nut.

Cutter blade

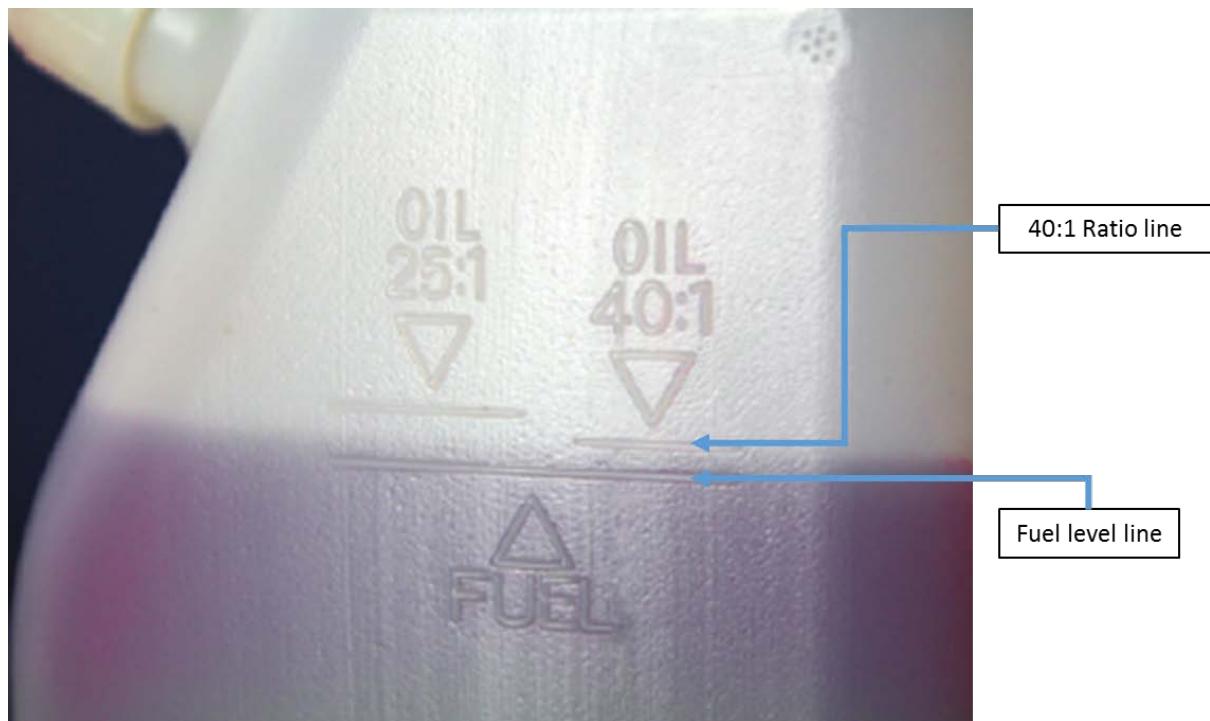
2.12. Face mask assembly.

Rotate to align the tags on the helmet to match the holes on the top of the visor. Place the visor over the tags, then rotate the tags 180° to secure into place. Place the ear defenders over the outside of the headband on the helmet and place into the clips.



2.13. Mixing two stroke oil.

Fill the mixing bottle with fresh unleaded petrol to the fuel marker line use a 40:1 ratio. Then top up with 2 stroke oil to 40:1 ratio line shake until fuel/oil has mixed.



2.14. Adding fuel.

Unscrew the fuel tank cap and carefully add a 2-stroke fuel/oil mixture as in section 2.12. DO NOT overfill and allow a 25 mm gap at the top of the tank. Once full replace and correctly tighten the fuel cap. Fuel tank capacity is 800ml
DO NOT use straight unleaded petrol.

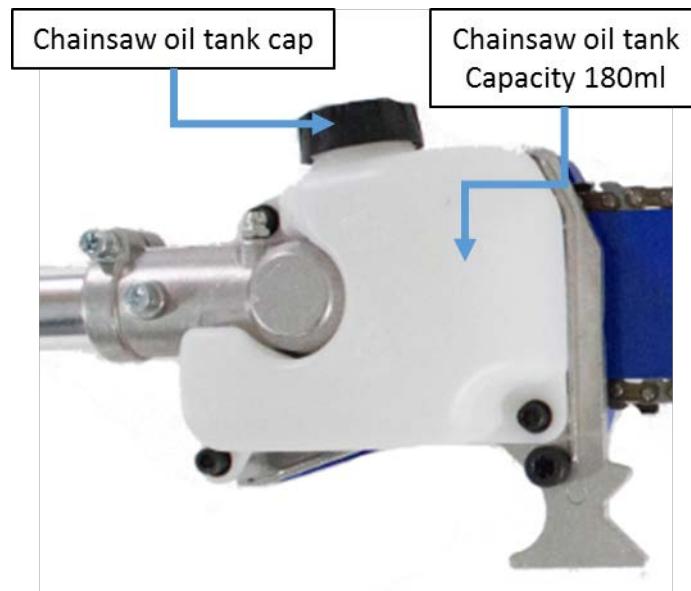


2.15. Adding/checking chain oil.

To fill with chain oil place unit on its side, undo chainsaw oil tank cap, fill with chain oil to prescribed level. Chain oil tank capacity is 180ml.

! NOTE

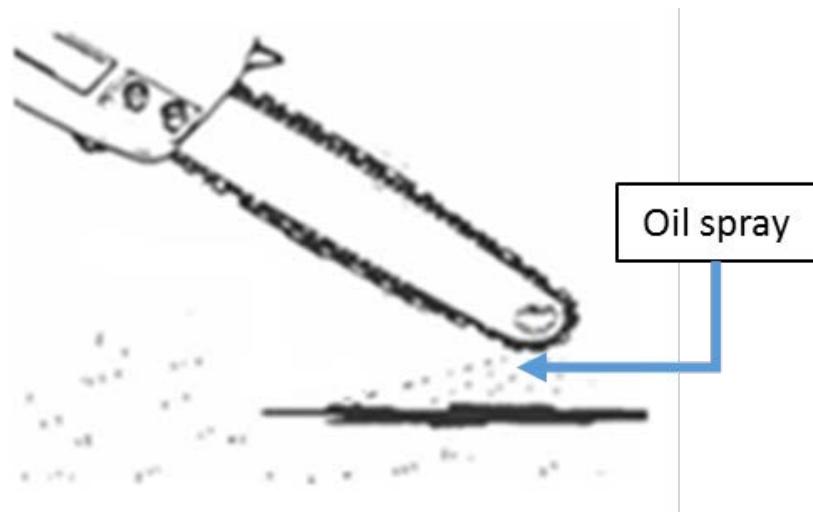
You MUST check chain oil before each use. The oil reservoir has sufficient to provide about 40 minutes of cutting time (when set to minimum flow rate).



2.15.1. The guide bar and saw chain are lubricated automatically by a pump that operates whenever the chain rotates. The pump is factory set to deliver a minimum flow. It can be adjusted in the field which might be desirable when cutting hard woods.

2.16. Checking/adjusting chain oil supply. Only use chain oil.

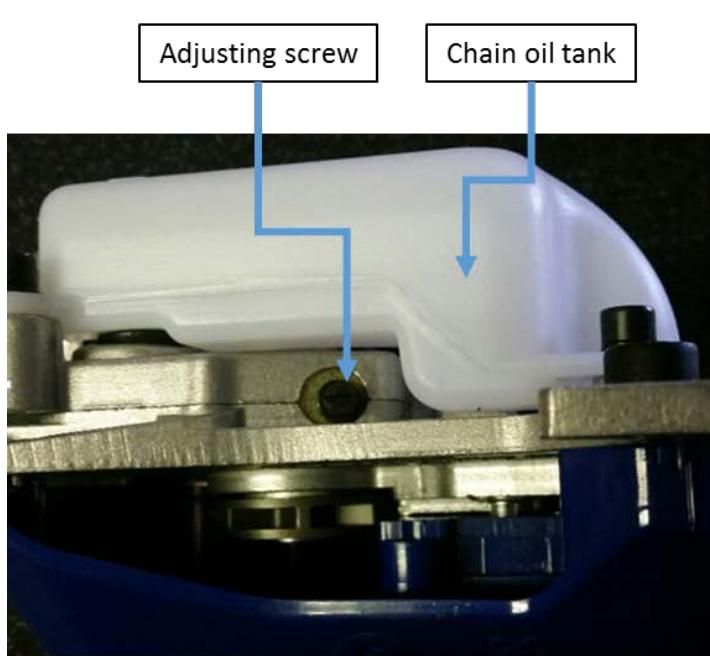
After starting the engine, run the chain at medium speed and see if chain oil is scattered off as shown in the figure.



The chain oil flow can be changed by inserting a screwdriver in the hole on bottom of the clutch side. N.B. The screw must be pushed in slightly to turn the screw – failure to do so could cause damage to the pump/screw.

WARNING

Never attempt to fill the oil reservoir or adjust the flow rate whilst the engine is running.



Adjust according to your work conditions.
Anti-clockwise – To INCREASE flow rate.
Clockwise – To DECREASE flow rate.

3. STARTING PROCEDURE

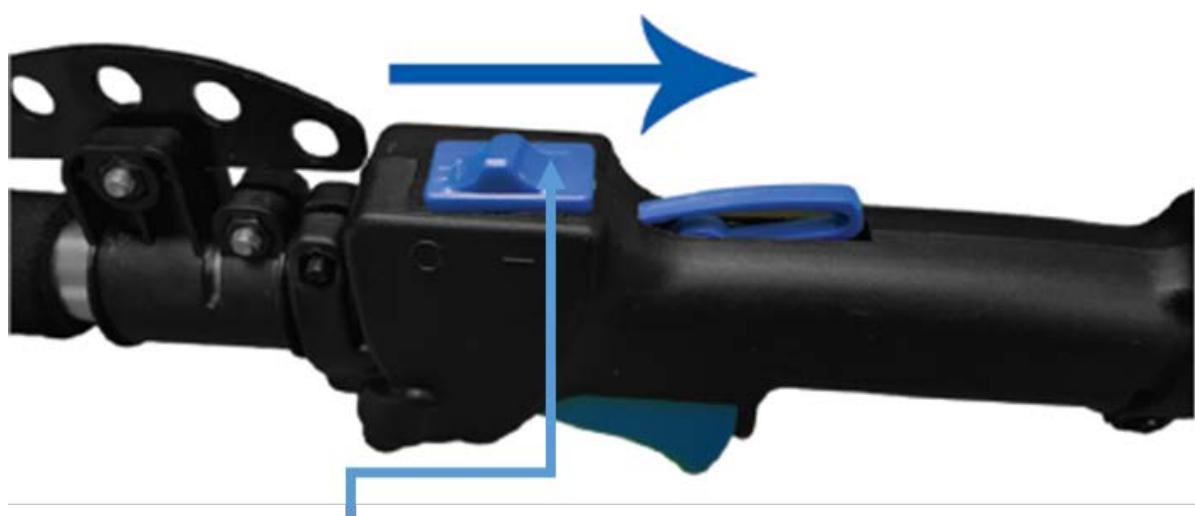
Fill with fuel/oil mixture, make sure the fuel cap is secure.



Remove fuel cap

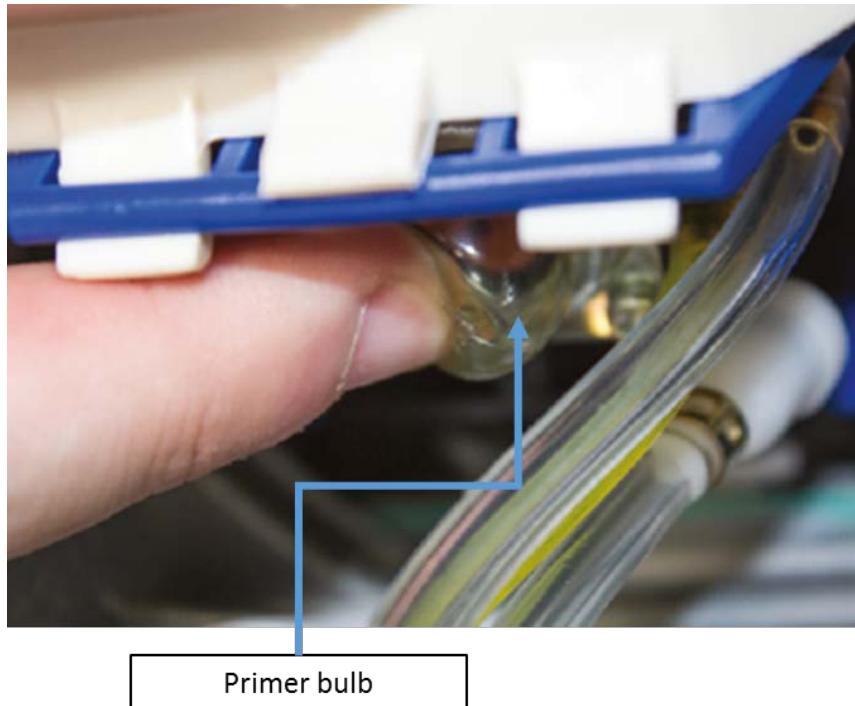
Fill with a Fuel/Oil mixture

Move the power switch to the ON position.



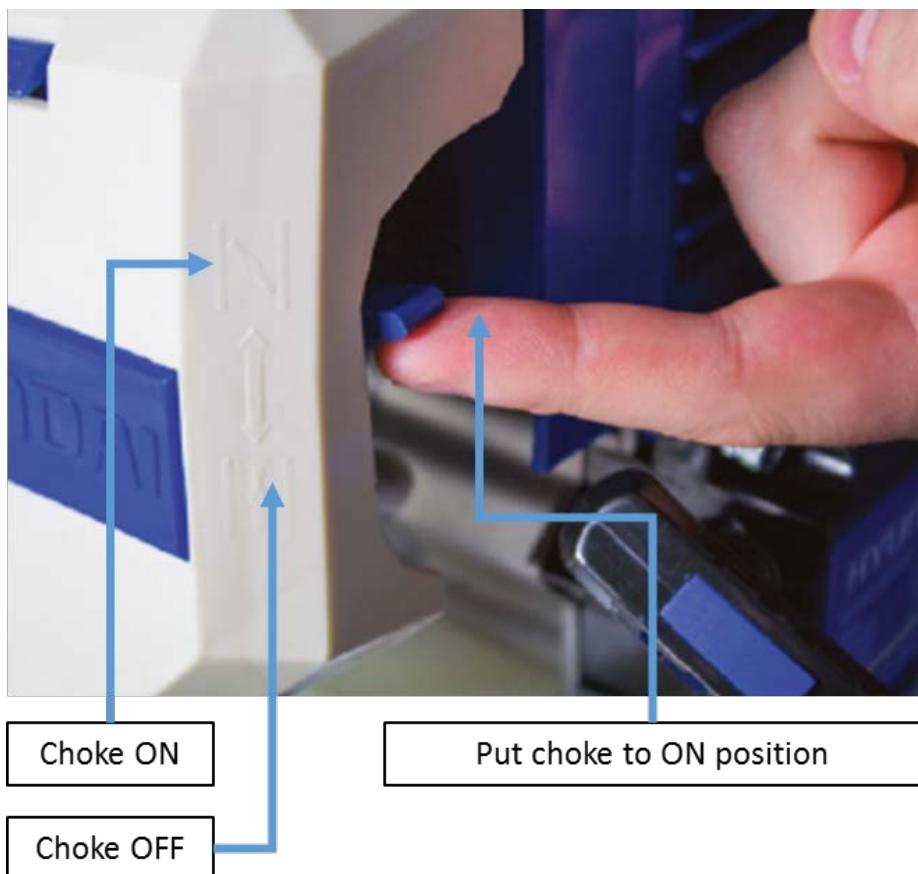
Put power switch to ON position.

Pump the primer bulb 8/10 times until fuel shows in the bulb.



For COLD start set the choke lever to the ON position by moving upwards as shown.

For a WARM start keep the choke lever at the OFF position.

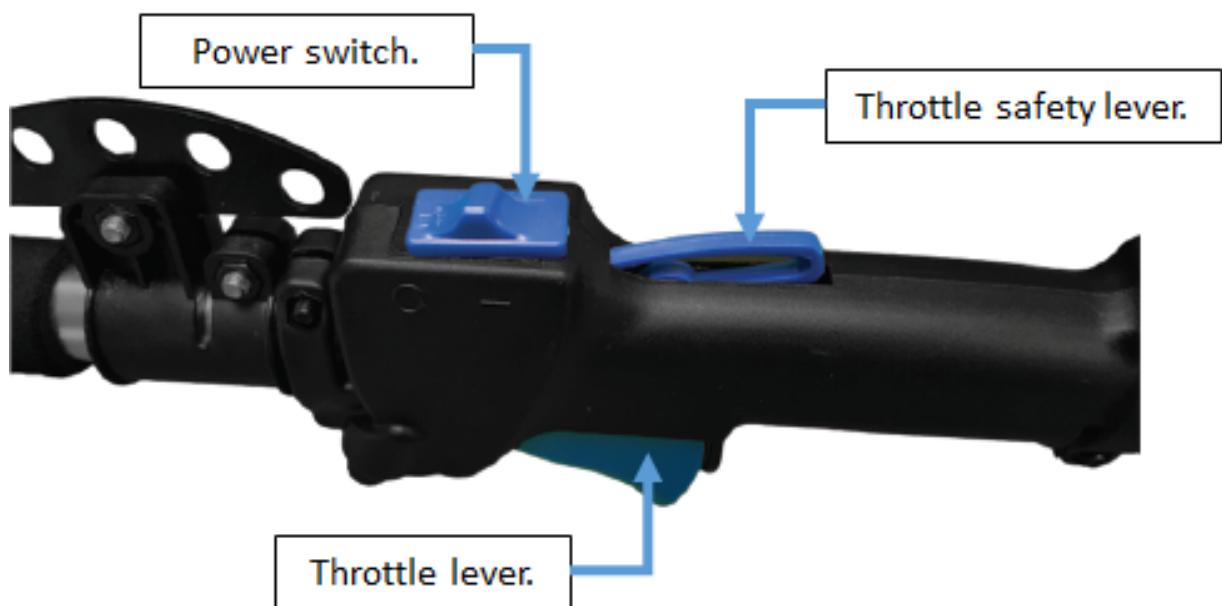


Place one hand on the machine, and using the other hand pull the recoil until you feel a resistance, then pull briskly. Repeat until machine starts. When the machine starts move the choke to the OFF position. DO NOT let go of the recoil handle instead allow the recoil cord and handle return slowly.



Pull recoil starter

Once the engine has started press the throttle lever and throttle safety together. This will accelerate the machine to cutting speed.

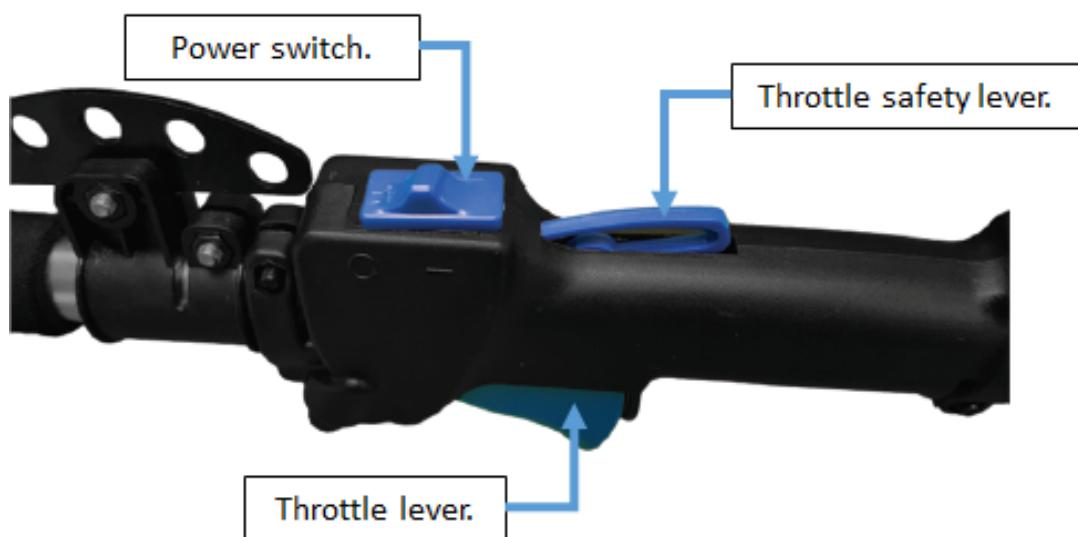


4. STOPPING PROCEDURE

4.1. Before stopping the machine allow the engine to cool down for a few minutes, by allowing it to run without throttle.

4.2. You MUST allow the cutting head to come to a full stop before carrying out any maintenance on the machine.

To STOP the machine release the throttle lever and move the power switch to the OFF position. If not already in OFF position move the choke to OFF position.



5. USING THE MACHINE

5.1. Before starting work.

5.1.1. YOU MUST check the work area for obstacles such as stones, metal rods or other objects. If these cannot be removed, mark these positions, so you can avoid contact with the blade and objects. Overhead power lines can be caught on the blade head if machine is swirled in the air.

5.2. Accessories.

5.2.1. Make sure that your product is only equipped with original accessories. Only use the machine with original parts which are specified by the manufacturer. The use of any other accessories may cause injury to the user and damage to the machine.

5.3. Wearing the shoulder harness.

CAUTION

When you use this machine always wear the provided harness.

Make sure that the machine is securely hooked onto the strap.

If you do not, you will not be able to control the machine safely.

This may result in injury to yourself or other people.

Never use a harness with any type of defect especially with a defective quick release mechanism.

a.



b.



c. 1 = Protector Shield and machine hook.



d.



e. 1 = Quick release Harness buckle.



f. The shoulder strap is fitted with a quick release device (see image) fitted. You can remove the shoulder strap quickly by pulling the quick release device.

5.4. Trimming techniques.

!CAUTION****

If you are not familiar with the trimming, practice with the machine with the machine stopped.

5.4.1. Always trim or cut with the engine running at high speed.

5.4.2. Do not run the machine slowly except for when warming up before use or cooling down after use.

5.4.3. Swing the nylon cutting head of the trimmer horizontally from left to right.



5.4.4. Keep cutting deck parallel with the ground. Do not tilt the nylon cutting or blade head during operation.

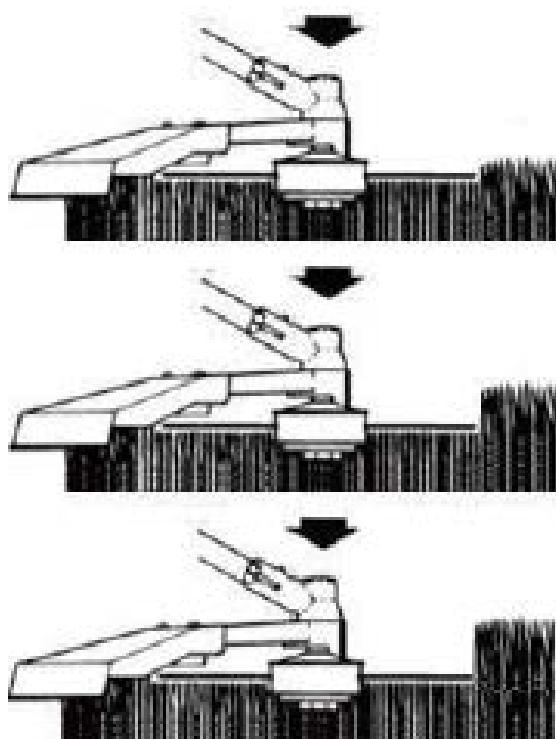
5.4.5. For correct cutting height trim in advance in a test area.

5.4.6. Keep nylon cutting or blade head at the same level for even depth of cut.

5.4.7. Nylon trimming head is only to be used for cutting grass.

5.4.8. Metal blade head is only to be used for brush only.

5.4.9. To prevent overheating NEVER over cut, instead cut off smaller lengths of grass or brush. You MUST also remove any tangled materials – You MUST stop the machine and remove the HT lead before carrying out this task.



5.4.10. When trimming around trees trim slowly making sure that the nylon cord does not come into contact with the trunk. Walk around the tree from left to right and approach grass with the tip of the cutting nylon cord.

5.4.11. To release more nylon cutting cord run the machine at full throttle and tap the nylon cutting head on the grass. The nylon cord is then released. Any excess cord is cut off by the trimmer blade mounted on the guard. When trimming near brick or stone walls the nylon cord will wear out quicker.

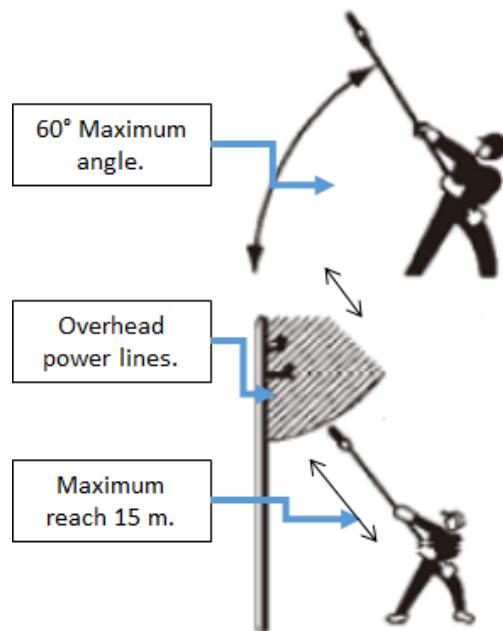
5.5. For safe operation of Pole chainsaw/Hedge trimmer.

!WARNING****

Approaching or contacting electric power lines with the Pole chainsaw/Hedge trimmer/hedge trimmer 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 1Sm between Pole chainsaw/Hedge trimmer/hedge trimmer and any electrical line carrying live current.

5.5.1. NEVER operate the Pole chainsaw/Hedge trimmer at an angle greater than 60°, this will reduce the risk of being struck by falling objects during operation. Maintain a clearance of at least 15m between Pole chainsaw/Hedge trimmer/hedge trimmer and any electrical line carrying live current.



5.6. After completing cutting in one area.
 5.6.1. When you finish cutting in one location and wish to continue working at another spot, turn off the engine, lift up the unit and carry it paying attention to the blade.

5.6.2. Always cover cutting blades to prevent injury during transportation.

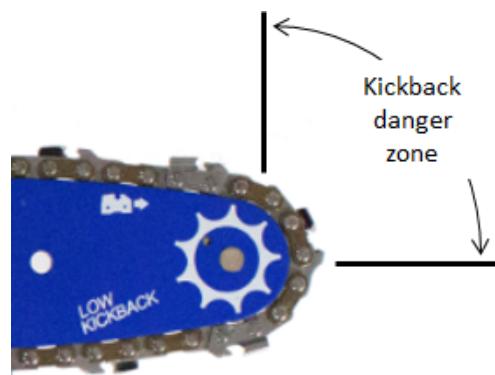
5.6.3. When hand-carrying the product put cover over the cutting part blades. Lift up the product and carry it paying attention to the blade.

5.6.4. Never transport the product over rough roads over long distances by vehicle without removing all fuel from the fuel tank.

5.7. Kickback safety precautions.

5.7.1. 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.



5.7.2. 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.

5.7.3. With a basic understanding of kick- back you can reduce the element of surprise. Sudden surprise contributes to accidents.

5.7.4. 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.

5.7.5. A firm grip will help you reduce kick back and maintain control of the saw.

5.7.6. 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.

5.7.7. Cut at high engine speeds.

5.7.8. Follow the manufacturers sharpening and maintenance instructions for the saw chain.

5.7.9. Only use replacement bars and chains specified by the manufacturer.

WARNING

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

Never attempt chain adjustment with the engine running!

Always make sure the cutting attachments are 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 chainsaw/Hedge trimmer with the muffler removed.

When cutting a limb that is under tension, you must be alert for spring back 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.

DO NOT make unauthorized 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 Pole chainsaw/Hedge trimmer as clean as possible. Keep it free of loose vegetation, mud etc.

6. MAINTENANCE

CAUTION

Always refuel in a well-ventilated area with the engine off.

Whilst carrying out maintenance you must wear appropriate Personal Protective Equipment (PPE) when using this machine. Suggested PPE Sturdy footwear, work gloves (especially when working near blade), long trousers and hearing protection.

System/ Component	Procedure	Each use	Every 25 hours	Every 50 hours	Every 100 hours
Fuel/oil leaks	Check and repair as required.	<input type="radio"/>			
Spillages.	Clear up all split fuel/oils.	<input type="radio"/>			
Fuel tank, air filter. Replace as required.	Inspect/clean.	<input type="radio"/>	<input type="radio"/>		
Spark plug – Gap 0.6m to 0.7mm.	Clean and adjust.			<input type="radio"/>	
Cylinder fin intake air cooling vent.	Clean.		<input type="radio"/>		
Exhaust, spark arrester and cylinder exhaust port.	Clean.			<input type="radio"/>	
Throttle trigger STOP switch.	Check operation.	<input type="radio"/>			
Cutting parts.	Check for sharpness - sharpen/replace as required.	<input type="radio"/>			
Screws/nut/bolts (Not adjusting screws).	Tighten and /or replace.	<input type="radio"/>			<input type="radio"/>
Cutting attachment guard.	Make sure it is attached.	<input type="radio"/>			
Chainsaw oiling port.	Clean.	<input type="radio"/>			
Hedge trimmer gearbox grease	Check and top up.		<input type="radio"/>		
Trimmer head gearbox grease	Check and top up.		<input type="radio"/>		
Guide bar.	Clean.	<input type="radio"/>			
Oiling point & sprocket.	Clear oiling port, inspect sprocket and replace as required.			<input type="radio"/>	
Saw chain.	Inspect and sharpen.	<input type="radio"/>			

Increase maintenance intervals if operating in dusty environments. Some maintenance operations must be performed by qualified service personnel.

⚠️ WARNING

Never touch the rotating nylon cord or blade.

Always stop the engine and unplug the spark plug before doing any repairs or maintenance.

Check and maintain fuel level regularly, and maintain the fuel/oil mix to the correct ratio.

Frequently check the brush cutter and make sure that all grass deposits are removed from the trimmer head and/or blade

Check the blade, in order to obtain a good cut, the blade should always be sharp and well balanced.

At regular intervals, check the tightness of all nuts, bolts and screws.

If the blade hits an obstacle check for damage and if the machine vibrates badly stop the lawnmower and take it to a service dealer.

6.1. Air filter.

⚠️ CAUTION

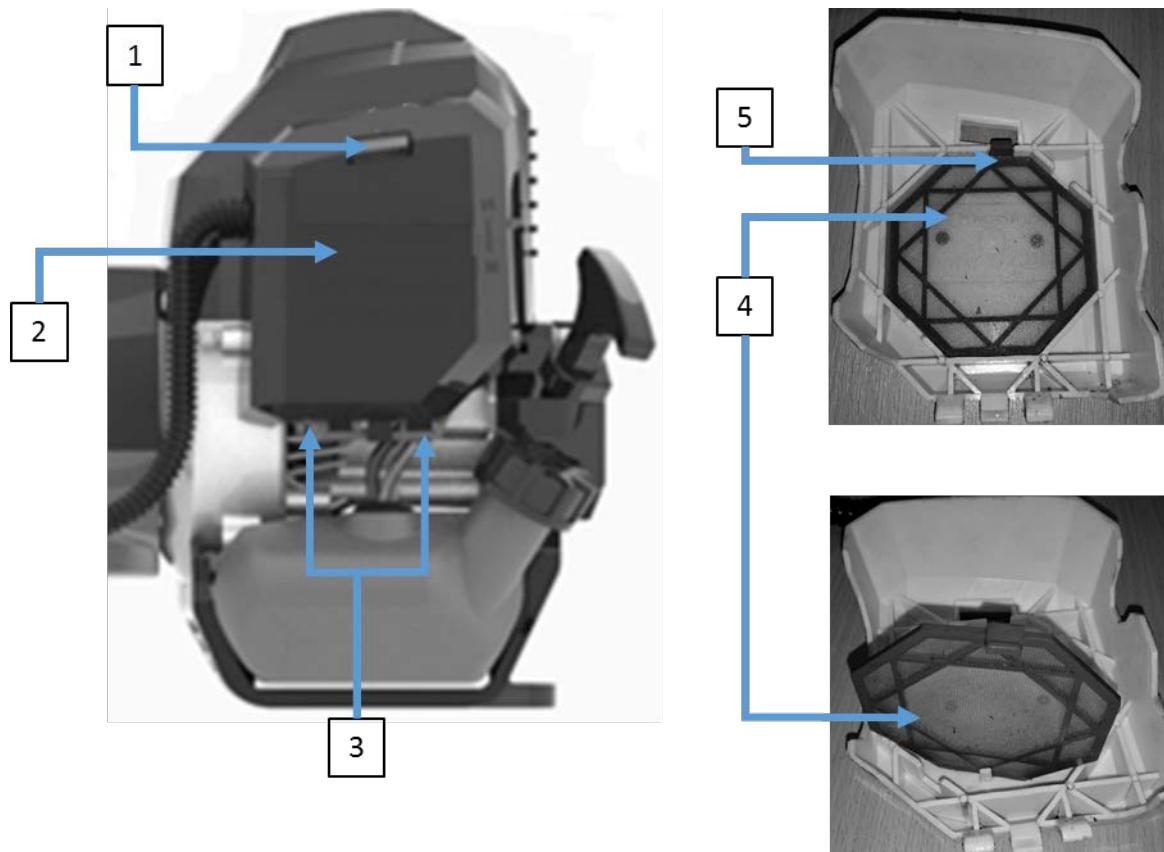
Never let the engine run without the air filter. A dirty air filter presses on the engine performance, increases fuel consumption and makes it difficult to start. If you notice a loss of engine power.

6.1.1. Push clip (1) down and pull filter cover (2) away from machine, take care to release lower clips (3).

6.1.2. Remove the filter (4) by pressing clip (5) and lifting filter clear.

6.1.3. Wash with soap and water. Never use petrol or benzene!

6.1.4. Allow the filter to air dry. To replace the filter reverse the above process.



6.2. Spark plug.

WARNING

The spark plug MUST be fully tightened otherwise the engine will overheat causing damage. Always complete the following steps after the engine has been turned off and allowed to cool down.

6.2.1. To make sure the engine runs correctly a spark plug gap of 0.6 -0.7 mm must be maintained and the spark plug must be free of carbon deposits.

6.2.2. Undo retaining screw and lift spark plug cover clear.

6.2.3. Disconnect the spark plug cap (3) carefully. Do not pull on the HT lead instead pull on the spark plug cap.

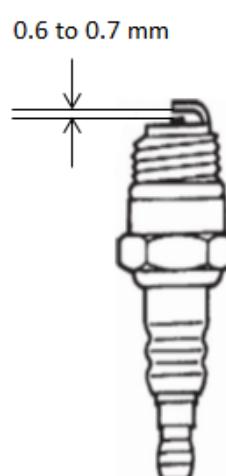
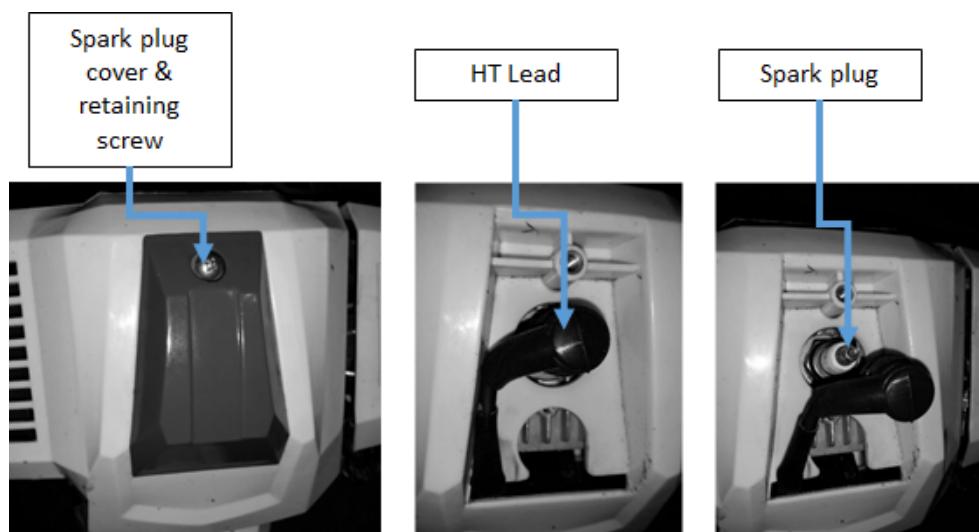
6.2.4. Using the supplied spark plug wrench unscrew the spark plug in an anti-clockwise direction.

6.2.5. Check the spark plug visually for damage and electrode wear, remove the carbon deposits.

6.2.6. Check the gap with a feeler gauge and adjust electrode at the correct gap of 0.6 -0.7 mm.

6.2.7. Check the washer (replace as required) of the spark plug and turn the spark plug with a torque 12-15 Nm.

6.2.8. Refit the spark plug cap onto the spark plug.

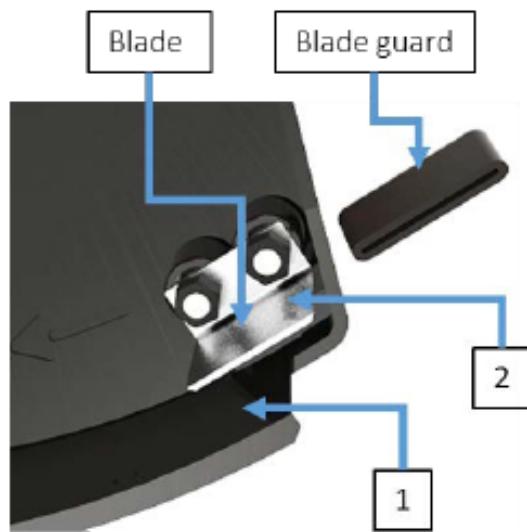


6.3. Trimmer blade sharpening.

WARNING

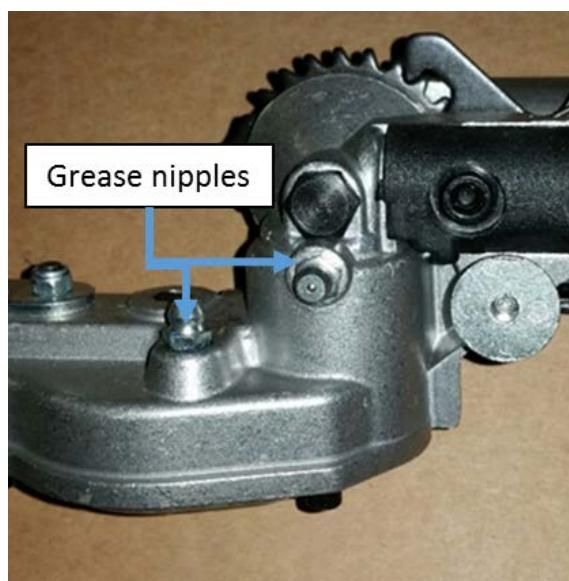
When sharpening the blade you MUST wear safety gloves.

- 6.3.1. Remove the cutting blade (2) from the shield (1).
- 6.3.2. Put cutting blade securely into a vice.
- 6.3.3. Sharpen the blade with a suitable flat file.
- 6.3.4. Please make sure that you maintain the angle of cutting. Maintain the original cutting angle.



6.4. Hedge trimmer greasing.

- 6.4.1. Check the grease every 25 hours of use.
- 6.4.2. Use lithium based grease – 20ml.



6.5. Bevel gear. (See section 9 for location).

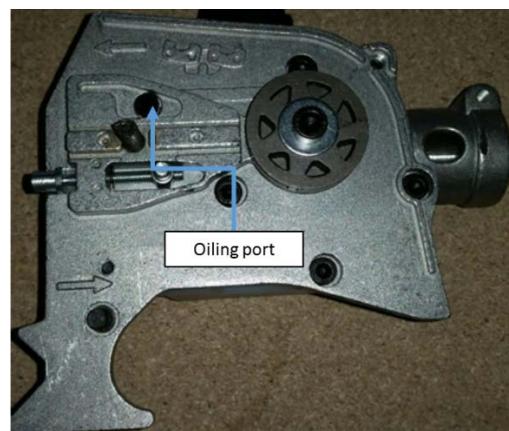
6.5.1. Use a high temperature gear grease, amount required to fill bevel gear is 25ml.

6.5.2. Top up with grease every 25 hours



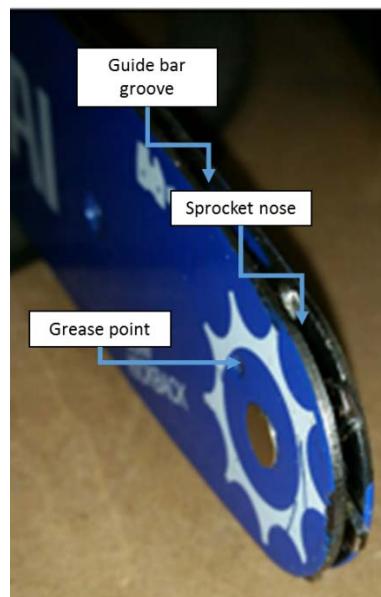
6.6. Oiling port & Guide bar.

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



6.6.2. Remove excess sawdust from the guide bar groove.

6.6.3. Grease the nose sprocket at the grease point.



6.7. Storage.

 **WARNING**

If you do not follow these steps, deposit may arise in the carburetor. This will cause starting difficulties and may cause permanent damage.

6.7.1. Perform all the general maintenance that the maintenance section of your 'User Manual' is recommended.

6.7.2. Clean the outside of the machine, shields, nylon cutting head, brush cutter, hedge trimmer and chainsaw.

6.7.3. Remove all fuel from the fuel tank.

6.7.4. After all the fuel is drained, start the engine.

6.7.5. Allow the engine to run in idle until engine stops alone. This allows the fuel to be removed from the carburetor.

6.7.6. Allow engine to cool down (about 5 minutes).

6.7.7. Use a spark plug wrench, remove the spark plug.

6.7.8. Pour 1 teaspoon of clean 2-cycle oil into the combustion chamber. Slowly pull the starter rope several times to coat internal components. Replace the spark plug.

6.7.9. Store the machine in a cool, dry place away from any source of ignition such as an oil burner, water heater etc.

6.8. Transporting the machine.

6.8.1. When transporting the machine make sure that no fuel is allowed to leak out.

6.8.2. DO NOT allow the trimmer/brush cutter/Hedge trimmer come into contact with persons, animals and property.

7. TROUBLESHOOTING.

CAUTION

7.1. If troubleshooting does not solve the problem, contact your dealer or the manufacturer directly. Use only original parts approved by the manufacturer, otherwise a hazard risk arises.

NO SPARK.

Possible causes;

1. Carbon deposit between electrodes of the spark plug.
2. Ignition coil defective flywheel magneto too weak.

Possible corrective actions;

1. Clean the spark plug. Adjust the gap to 0.6 ~ 0.7mm, Replace the spark plug.
2. Replace the Ignition coil or the flywheel.

WEAK SPARK.

Possible causes;

1. Too much fuel in the combustion chamber, poor fuel or water in tank.
2. Blocked fuel line

Possible corrective actions;

1. Remove spark plug and dry, replace fuel.
2. Clean the carburetor and clean the lines.

NORMAL FUEL SUPPLY BUT WEAK COMPRESSION

Possible causes;

1. Worn piston rings, spark plug not tightened, the cylinder head is not tightly wrong valve clearance or ignition.

Possible corrective actions;

1. Replace or adjust.

NORMAL FUEL SUPPLY AND GOOD SPARK

Possible causes;

1. Poor contact between spark plug cap and spark plug.

Possible corrective actions;

1. Check or exchange.

MOTOR DOES NOT COME UP TO SPEED

Possible causes;

1. Choke is in "cold start" position, exhaust system does not clog air supply, worn Movable elements, spark weak, valve clearance to big, sooty cylinder head.

Possible corrective actions;

1. Open choke, exhaust system ignition coil exchange check or replace flywheel Adjust spark plug.

POWER RUNS OUT

Possible causes;

1. Congested lines to the carburetor. Spark plug gap incorrect.

Possible corrective actions;

1. Replace lines and carburetor. Reset spark plug gap.

NOISY ENGINE

Possible causes;

1. Incorrect choke position, or damage to crankshaft.

Possible corrective actions;

1. Check and correct choke lever. Check and/or replace crankshaft.

LEAKING CARBURETOR

Possible causes;

1. Failure of the non-return valve on the fuel tank lid. Worn carburetor gasket.

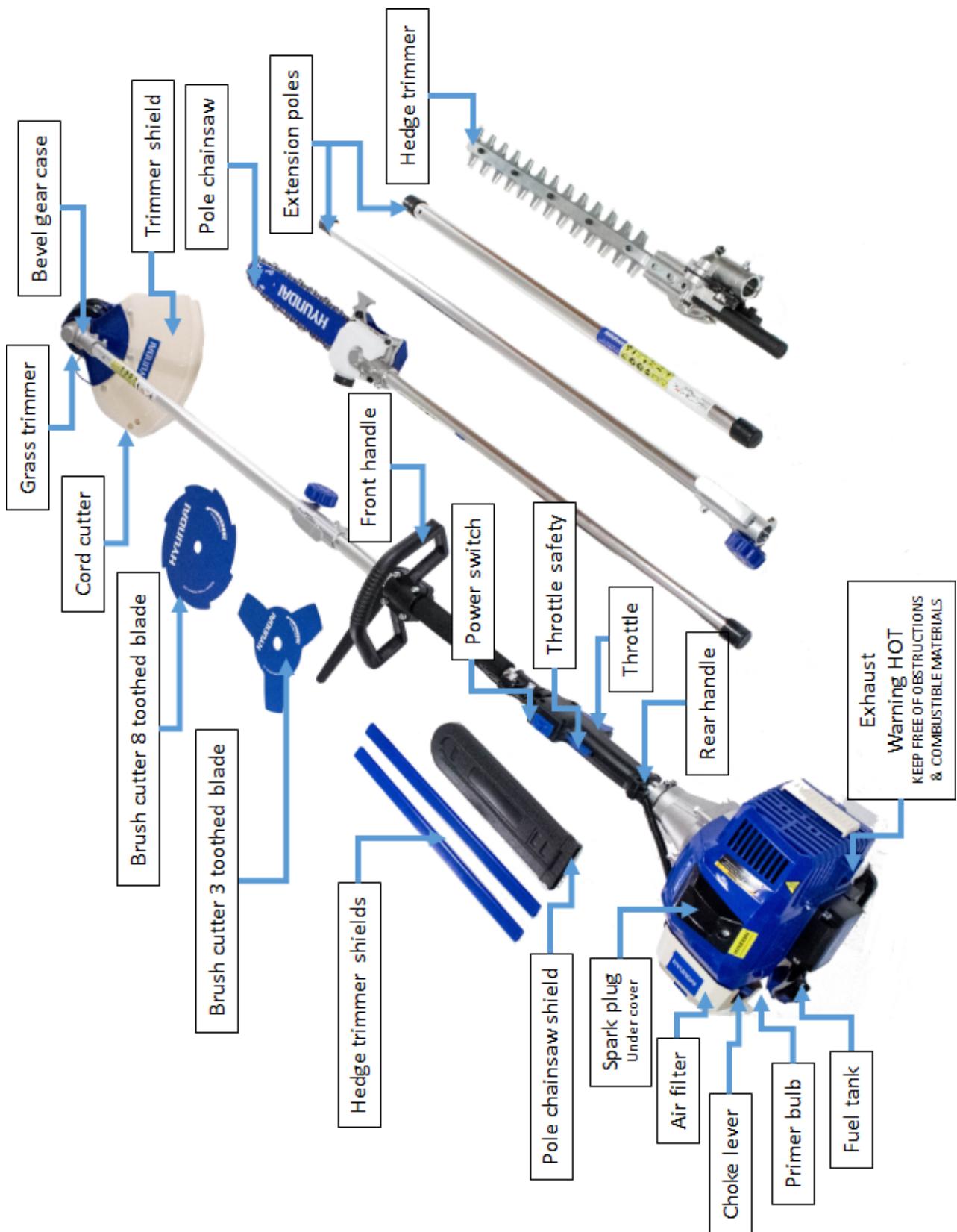
Possible corrective actions;

1. Replace the fuel cap. Replace the carburetor seal.

8. SPECIFICATION.

MODEL		HYMT5080
ENGINE	Engine type	Single cylinder, 2 stroke, air cooled.
	Engine size - cc	50.8
	Fuel tank capacity - ml	800
	Trimmer head Bevel gear - grease type/qty ml	High temperature gear grease/25
	Hedge trimmer - grease type/qty ml	Lithium based/20
	Noise level dB (A)	117
	Max speed - rpm	7500
	Power - kw	1.56
	Start method	Recoil
	Fuel type/ratio	Fresh unleaded petrol mixed with Semi-synthetic 2 Stroke oil use ratio of 40:1
MACHINE	Drive type	Centrifugal clutch
	Head line length/diameter - mm	3000/2.5
	Cutting width mm /length mm /diameter mm	255mm for cutter blade / 400-450 for cutter head (Blade 1.6mm/3T/8T)
	Gross weight - kg	18.20
	Pole chainsaw Fully assembled dimensions L x W x H - mm	3270 (with extension pole)
	Hedge trimmer Fully assembled dimensions L x W x H - mm	3440 (with extension pole)
	Brush-cutter/Trimmer Fully assembled dimensions L x W x H - mm	1860

9. PART LOCATIONS.



10. DECLARATIONS OF CONFORMITY

Genpower Ltd confirms that these Hyundai products conform to the following CE Directives;

2006/42/EC Machinery Directive
2004/108/EC EMC Directive
2000/14/EC, Amended by 2005/88/EC Noise Emissions Directive
97/68/EC_2010/26/EC NRMM Emissions Directive

EC DECLARATION OF CONFORMITY

The undersigned, as authorised by: **Genpower Ltd**

Declares that the following equipment manufactured under licence by Hyundai Korea

Conforms to the Directive: -

2000/14/EC, Amended by 2005/88/EC (as amended)

of the European Parliament and of the council on the approximation of the laws of the Member States relating to the noise emission in the environment by equipment for use outdoors.

Equipment Category: **Garden Machinery**

Product Name/Model: **HYMT5080**

Type/Serial No: **Multi-Tool**

Power: **1.56 kW**

Cutting Diameter/Length mm **Cutter blade 255/Trimmer 400 - 450**

The technical documentation is kept by: **Kevin Stanley, Genpower Ltd,
Isaac Way, Pembroke Dock,
Pembrokeshire, SA72 4RW.**

The conformity assessment procedure followed was in accordance with annex V of the Directive.

Notified Body: **TÜV Product Service Co Ltd,
TÜV SÜD Certification & Testing (China),
Shanghai Branch,
3-13F 151 Heng Tong Road,
Shanghai 2000070. PR China.**

Certificate Number/Technical report number **70.403.15.498.08**

Measured Sound Power Level: **117dB(A)**

Guaranteed Sound Power Level: **117dB(A)**

A copy of this certificate has been submitted to the European Commission and to EU Member State United Kingdom.

Place of Declaration: **Pembroke Dock, SA72 4RW**

Date: **10th January 2016**

Signed by: **Kevin Stanley**

Position in Company: **Product Manager**

Name and address of manufacturer or Authorised representative:



**Genpower Ltd,
Isaac Way, Pembroke Dock,
Pembrokeshire, SA72 4RW.**

11. RECYCLING & PRODUCT DISPOSAL

11.1. We do not offer a takeback scheme for the recovery of Waste Electrical Electronic Equipment (WEEE) & Batteries instead the responsibility to dispose of WEEE and or Batteries is passed onto you by us. So when it becomes necessary to dispose of your machine you must take it to your local Civic

.1. Certain products contain WEEE waste which should not be disposed of in your domestic waste.



11.3.2. You MUST recycle WEEE in accordance with your local authority or recycling centre.

11.4. Battery recycling, certain products contain batteries which should not be disposed of in your domestic waste.



11.4.1. You MUST recycle batteries in accordance with your local authority or recycling centre.

11.5. Unwanted packaging materials should be sorted and taken to a recycling centre so it can be disposed of in a manner which is compatible with the environment.

11.6. The following symbol means that you should 'Reduce – Reuse – Recycle'.



11.7. We are a Member of the VALPAK National Compliance scheme and our registration number is **RM08660**

11.8. For further information about disposal please contact your Local Authority.

11.9. You can also get more advice and guidance about recycling at the following website <http://www.recycle-more.co.uk>

Amenity Site. For further information please contact your Local Authority for disposal advice.

11.2. You MUST make sure that all unused oil and fuel is disposed of correctly either beforehand or at your local Civic Amenity Site. Under NO circumstance must any oil and fuel be put down any drains.

11.3. Waste Electrical Electronic Equipment (WEEE) recycling.

11.3

11.10. Should you pass this product onto another user either sold or loaned you MUST pass on this user manual. This will make sure that all other users can use and maintain the machine safely.



12. CONTACT DETAILS

POSTAL ADDRESS

Genpower Ltd, Isaac Way, London Road, Pembroke Dock, Pembrokeshire, SA72 4RW. UK.

TELEPHONE

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FAX

+44 (0) 1646 686198

TECHNICAL E-MAIL

service@genpower.co.uk

WEBSITE www.hyundaipowerequipment.co.uk

13. MANUAL UPDATES

13.1. Our manuals are constantly being reviewed and updated. Should you find an error, omission or something you find unclear please contact your dealer for assistance. E&OE.

13.2. Our latest manuals are also placed online.

14.3. We reserve the right to make any modifications without prior notice whenever necessary.

14. WARRANTY

14.1. For specific warranty and warranty exclusions details for your product please visit our Customer services section on our website at www.hyundaipowerequipment.co.uk
If you require a hard copy of Warranty details please contact aftersales on aftersales@genpower.co.uk

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