

HYUNDAI
POWER PRODUCTS

FIELD TRIMMER

HYFT56

User Manual

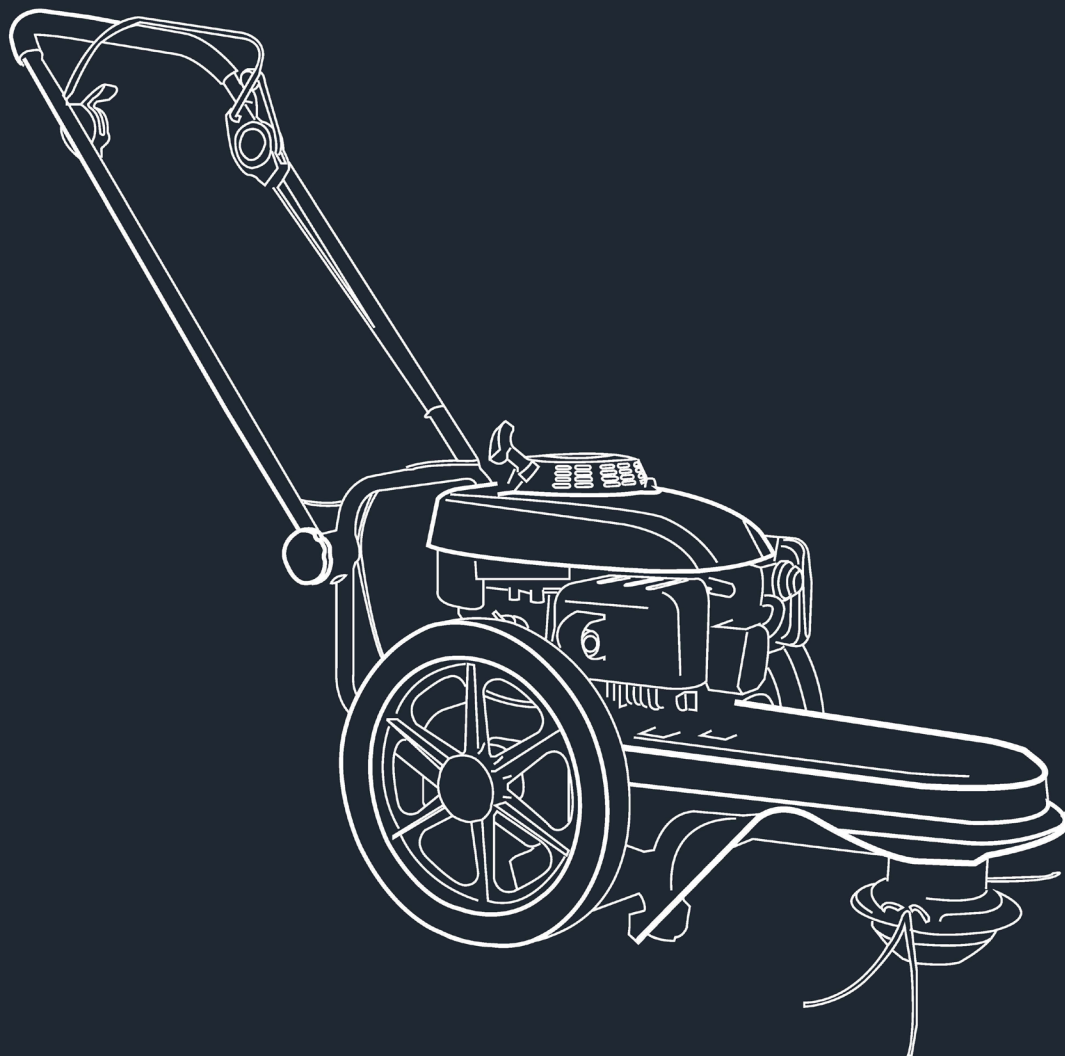


TABLE of CONTENTS

	Page No
1 GENERAL SAFETY RULES	3 - 6
2 SPECIFIC SAFETY RULES	6 - 7
3 CONTROL & OPERATING SYMBOLS	7
4 SPECIFICATION	8 - 9
5 ASSEMBLY	10 - 11
6 OPERATION	12 - 16
7 MAINTENANCE	17 - 19
8 CONTACT DETAILS	20
9 DELCARATIONS of CONFORMITY	21

INTRODUCTION.

This tool has many features for making its use more pleasant and enjoyable. Safety, performance, and dependability have all been given top priority in the design of this product making it easy to maintain and operate.

1. GENERAL SAFETY RULES

1.1 This book is written for a person with some mechanical ability. Like most service books, not all the steps are described. Steps on how to loosen or tighten fasteners are steps anyone can follow with some mechanical ability. Read and follow these instructions before you use the unit.

1.2 Know your product: If you understand the unit and how the unit operates, you will get the best performance. As you read this manual, compare the illustration to the unit. Learn the location and the functions of the controls. To help prevent an accident, follow the operating instructions and the safety rules. Keep this manual for future reference.

1.3 IMPORTANT Many units are not assembled and are sold in cartons. It is the responsibility of the operator to make sure the assembly instructions in this manual are followed exactly. Other units can be purchased in an assembled condition. On assembled units, it is the responsibility of the operator to make sure the unit is correctly assembled. The operator must carefully check the unit according to the instructions in this manual before it is first used.


















1.4 RESPONSIBILITY OF THE OPERATOR The responsibility of the operator is to follow the instructions below:

- 1.4.1. Carefully read and follow the rules for safe operation.
- 1.4.2. Follow all the assembly and preparation instructions.
- 1.4.3. Regularly inspect the trimmer. Make sure parts are not bent, damaged, or loose.
- 1.4.4. Use this equipment for its intended purpose only.
- 1.4.5. Make sure that the operator of the unit knows how to correctly use all standard and accessory equipment.
- 1.4.6. Operate the unit only with guards, shields, and other safety items in place and working correctly.
- 1.4.7. Correctly adjust the unit.
- 1.4.8. Service the unit only with authorized or approved replacement parts.
- 1.4.9. Complete all maintenance on the unit.

1.5 Personal Protective Clothing (PPE). Some or all of the following PPE, Warning Signs and symbols may appear throughout this manual and you must adhere to their warning/s. Failure to do so may result in personal injury.



1.5 Continued.

<u>Warning Signs and Symbols – FOLLOW safety messages to avoid or reduce risk of injury or death.</u>					
 <p>DANGER</p> <p>DANGER - indicates a hazard which if not avoided could result in serious injury or death.</p>	 <p>WARNING</p> <p>WARNING - indicates a hazard which if not avoided could result in serious injury or death.</p>	 <p>CAUTION</p> <p>CAUTION - indicates a hazard which if not avoided might result in minor or moderate injury.</p>	 <p>NOTE</p> <p>NOTE - indicates a situation that could easily result in equipment damage.</p>	 <p>READ MANUAL</p>	
 <p>MOVING PARTS</p>	 <p>FIRE</p>	 <p>ELECTRIC SHOCK</p>	 <p>TOXIC FUMES</p>	 <p>KICKBACK</p>	 <p>ROTATING LINE</p>
 <p>HOT SURFACE</p>	 <p>FLYING OBJECTS</p>	 <p>SLIPPERY</p>	 <p>GOGGLES</p>	 <p>DO NOT TRIM UP/DOWN SLOPES</p>	 <p>DISCONNECT SPARK PLUG</p>

1.6. Carbon Monoxide

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

1.6.2. The symptoms of Carbon monoxide poisoning can include the following;

1.6.2.1. Headaches, dizziness, nausea, breathlessness, collapsing or loss of consciousness.

1.6.2.2. Carbon monoxide symptoms are similar to flu, food poisoning, viral infections and simply tiredness. That's why it's quite common for people to mistake this very dangerous poisoning for something else.

1.6.3. To avoid Carbon monoxide poisoning DO NOT Use Petrol/Diesel powered equipment inside a home or garage even if doors and windows are open.

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


1.6.4.1. Get fresh air immediately.

1.6.4.2. Open doors and windows, turn off machine and leave the affected area.

1.6.4.3. See your doctor immediately or go to hospital - let them know that you suspect carbon monoxide poisoning.


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







⚠ DANGER!



BREATHING IN CARBON MONOXIDE FUMES CAN KILL YOU!


To help protect against CO poisoning install a Carbon Monoxide detector.



NEVER use Petrol/Diesel powered equipment inside, especially a home, garage, tent, camper-van, caravan, motorhome or boat.

EVEN if doors, windows, vents and hatches are open. Only use **OUTDOORS** and as far away from doors, windows, vents and open hatches as possible to prevent inhaling fumes.



READING MANUAL BEFORE USE WILL HELP AVOID OTHER MACHINE HAZARDS.

1.7 Battery posts, terminals and mated accessories contain lead and lead compounds. Chemicals known to cause cancer and birth defects or other reproductive harm.

WASH HANDS operating this machine

1.8 Accidental starting. To prevent accidental starting when setting up, transporting, adjusting or making repairs always disconnect the spark plug wire and place the wire where it cannot accidentally touch the spark plug.

1.9 Safe operation practices before use.

1.9.1 Read, understand, and follow all instructions on the machine and in the manuals. Be thoroughly familiar with the controls and the proper use of the trimmer before starting. Know how to stop the trimmer and disengage the controls quickly.

1.9.2 Familiarise yourself with all safety and operating decal on this equipment

1.9.3 Thoroughly inspect the area where the trimmer is to be used and remove all foreign objects. Your equipment can propel small objects at high speed causing personal injury or property damage. Stay away from breakable objects, such as house windows, car windows, greenhouse etc.

1.9.4 Inspect the throttle control lever and cable. Make sure that the cable is free and that the lever is not damaged. Also check the cable linkage running to the carburetor for kinks, loose fittings and obstructions. Verify that the start lever is working properly

1.9.5 Check that all nuts and bolts are tight and equipment is in good condition.

Check mounting hardware on trimmer head every time you change trimmer line prior to each use.

1.10 Operational safety.

1.10.1 Never allow children or young teenagers to operate the trimmer.

1.10.2 Keep area of operation clear of all bystanders, particularly small children and pets.

1.10.3 Keep bystanders at least 5ft (15m) away.

1.10.4 Only allow responsible individuals, who are familiar with the instructions to operate the trimmer.

1.10.5 Do not operate the trimmer whilst under the influence of alcohol, drugs or other medications which can cause drowsiness or affect your ability to operate this machine safely.

1.10.6 DO NOT use this machine if you are mentally or physically unable to operate the machine.

1.10.7 Always wear CE compliant safety goggles or glasses with side shield when operating the trimmer to protect your eyes from foreign objects, which can be thrown from the unit.

1.10.8 Wear appropriate clothing such as long sleeved shirt or jacket. DO NOT wear long baggy trousers or shorts. Wearing loose clothing could get caught in this equipment.

1.10.9 Always wear work gloves and sturdy footwear such as leather work shoes or short boots. These will protect ankles and shins from small sticks, splinters and other flying debris, and to improve traction.

1.10.10 It is advisable to wear protective headgear to protect against being struck by small flying particles or being by low hanging branches, twigs or other objects which may be unnoticed by the operator.

- 1.10.11 DO NOT put hands or feet near or under rotating parts.
- 1.10.12 When crossing gravel drives, paths or roads, stop the rotating trimmer head and wait for the trimmer lines to stop. Exercise extreme caution. Stay alert for hidden hazards or traffic
- 1.10.13 Exercise caution to avoid slipping or falling. Never operate, trimmer in wet grass. Always be sure of your footing; keep a firm hold on the handle and walk never run.
- 1.10.14 Look behind and use care when backing up.
- 1.10.15 Never operate the trimmer without good visibility or light.
- 1.10.16 DO NOT run the engine indoors or inside a closed area. The exhaust fumes are dangerous, containing CARBON MONOXIDE, an ODOURLESS and DEADLY GAS.
- 1.10.17 Never leave the trimmer unattended when the engine is running. Stop the engine and make sure all moving parts have stopped. Remove the wire from the spark plug.
- 1.10.18 If the trimmer should start to vibrate abnormally, stop the engine, disconnect the spark plug wire and prevent it from touching the spark plug. Check immediately for the cause. Vibration is generally a warning of trouble.
- 1.10.19 Watch for holes, ruts, bumps, or other rough ground. Tall grass and hidden obstacles.
- 1.10.20 DO NOT trim excessively steep slopes (maximum 15 degrees). See the 'Slope Guide' in the back of this manual to check a slope.
- 1.10.21 Always trim across the face of slope; never up and down. Exercise extreme caution when changing direction on slopes. If you are uneasy on a slope, DO NOT trim it.
- 1.10.22 DO NOT trim near drop-offs, ditches, or embankments. The operator could lose footing and/or balance.

2. SPECIFIC SAFETY RULES

2.1 Fuel safety.

- 2.1.1 Handle fuel with care; it is highly flammable.
- 2.1.2 Use an approved container.
- 2.1.3 Check fuel supply before each use, allowing space for expansion as the heat of the engine and/or sun can cause fuel to expand.
- 2.1.4 Fill fuel tank outdoors with extreme care. Never fill fuel tank indoors.
- 2.1.5 Never remove petrol cap or add fuel with the engine running, allow engine to cool before refueling.
- 2.1.6 Do not smoke while refueling.
- 2.1.7 After refueling, replace fuel tank cap securely and wipe up any spilled fuel.
- 2.1.8 Never store fuel or trimmer with fuel in the tank inside a building where fumes may reach open flames or other sources of ignition such as sparks.

2.2 Storage safety.

- 2.2.1 Always refer to the operator's manual instructions for important details if the trimmer is to be stored for an extended period.
- 2.2.2 Never store the trimmer with fuel in the fuel tank inside a building where ignition sources are present such as water and space heaters clothes dryers etc.
- 2.2.3 To reduce fire hazard, keep trimmer free of grass, leaves or other debris build-up.
- 2.2.4 Always allow the engine to cool before storing in any enclosure.

2.3 Repair, maintenance and adjustment safety.

2.3.1 After striking a foreign object, stop the engine. Remove the wire from the spark plug and keep the wire away from the plug to prevent accidental starting. Thoroughly inspect the trimmer for any damage. If damaged have the equipment repaired by a trained technician before restating and operating.

2.3.2 Stop the engine before cleaning, repairing or inspecting the unit. Make sure all moving parts have stopped. Let the engine cool, disconnect the spark plug wire and move it away from the spark plug.

2.3.3 Never attempt to make any adjustments while the engine is running except when specifically recommended by the manufacturer.

2.3.4 Keep the trimmer in nfe working condition. Check all fasteners at frequent intervals for proper tightness.

2.3.5 When servicing or repairing the trimmer do not tip the machine over or up unless specifically instructed to do so in this manual. Service and repair procedures can be done with the trimmer in an upright position. Some procedures will be easier if the machine is lifted on a raised platform or working surface.

2.3.6 Use only original equipment or authorised replacement parts.

2.3.7 Never tamper with safety devices. Check their proper operation regularly.

2.3.8 DO NOT change the engine governor setting or over-speed engine.

2.3.9 Clean and replace safety and instruction decals as necessary.

2.3.10 To guard against engine over-heating, always have engine debris filter mounted and clean.

2.4 Children safety.

2.4.1 Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the trimmer and trimming activity.

2.4.2 Keep children out of the trimming area and under the watchful care of a responsible adult.

2.4.3 Never assume that children will remain where you last saw them.

2.4.4 Be alert and turn trimmer off if children enter the area.

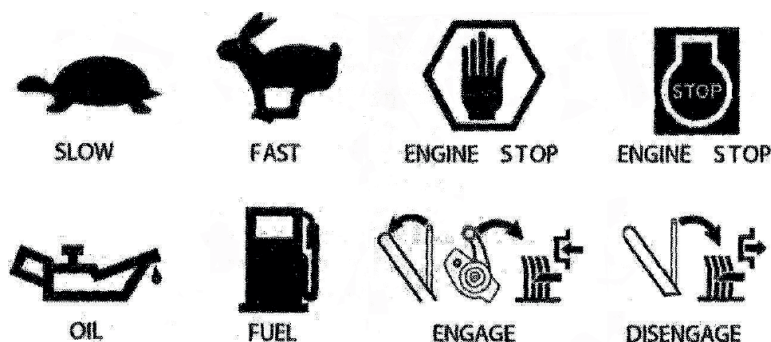
2.4.5 Before and while moving backwards, look behind and down for small children.

2.4.6 Never allow children to operate the trimmer.

2.4.7 Use extra care when operating near blind corners, shrubs, trees or other objects that may obstruct vision.

3. CONTROL & OPERATING SYMBOLS

3.1 IMPORTANT Many of the following symbols are located on your unit or on literature supplied with the product. Before you operate the unit learn and understand the purpose for each symbol.



 MOVING PARTS	 FIRE	 ELECTRIC SHOCK	 TOXIC FUMES	 KICKBACK	 ROTATING LINE
 HOT SURFACE	 FLYING OBJECTS	 SLIPPERY	 GOGGLES	 DO NOT TRIM UP/DOWN SLOPES	 DISCONNECT SPARK PLUG

4. SEPCIFICATION

Engine displacement	160cc
Fuel capacity	0.9L
Fuel type	Unleaded petrol
Oil type	SAE 10W-30
Oil capacity	500ml
Spark plug type	F6 RTC
Spark plug gap	0.78 - 0.94mm
Trimmer line length	546mm
Trimmer line diameter	4mm

4. SPECIFICATION CONTINUED

4.1 Know your trimmer.

4.1.1 Read the operators manual and all safety rules before you operate the trimmer. To familiarise yourself with the location of the controls, compare Figure 1 with your trimmer. Save this manual for future reference.

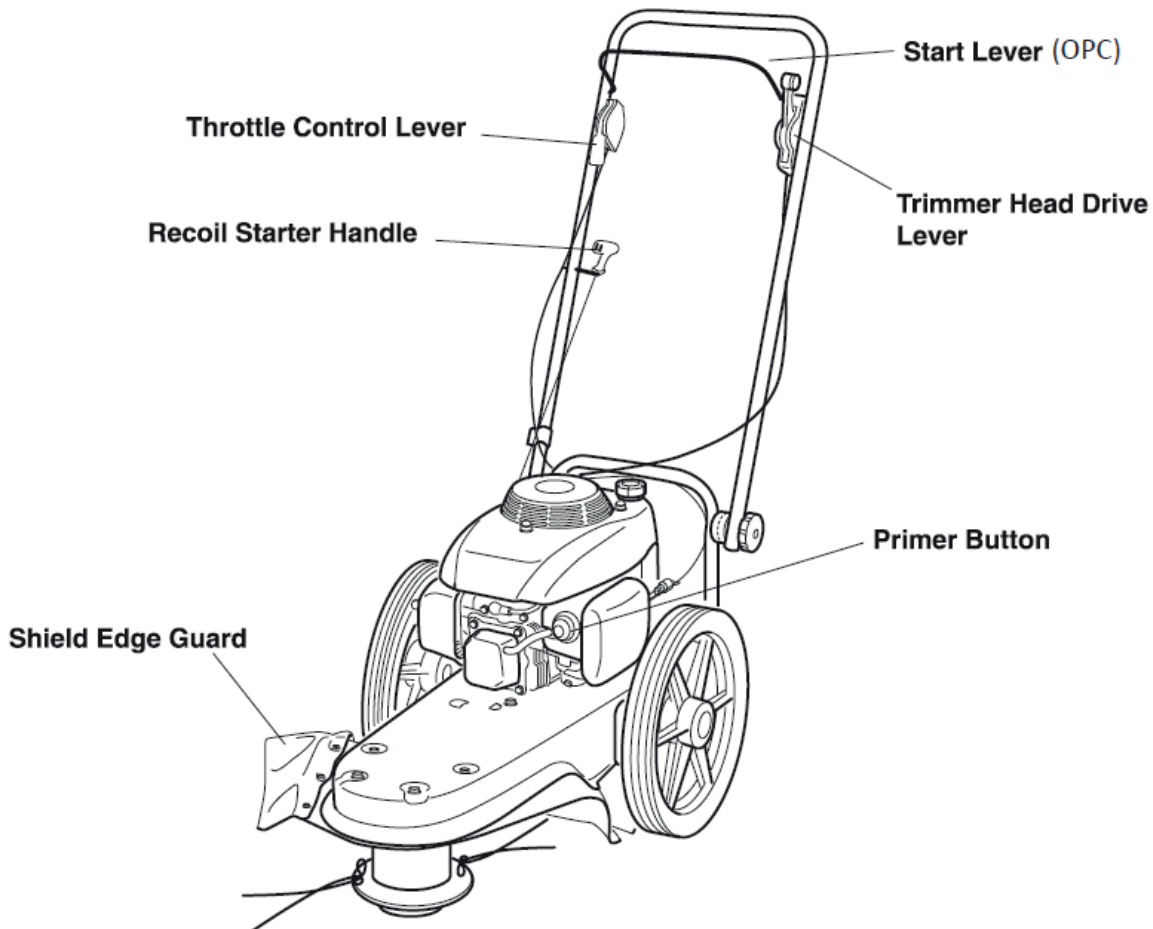


Figure 1

Trimmer head drive lever - Engages the rotation of the trimmer head.

Start lever (OPC) - Operator presence control (OPC). Release to stop the rotation of the trimmer head.

Throttle control lever - Controls the speed or stops the engine.

Primer button - Injects fuel directly into the carburettor for cold starts (see figure 5).

Recoil starter handle - The engine is equipped with an easy pull recoil starter.

Shield edge guard - Protects the shield by automatically cutting the line to the correct length.

5. ASSEMBLY.

Read and follow the assembly and adjustment instructions. DO NOT discard any parts or materials until the unit is assembled.

NOTE: Torque is measured in foot-pounds (metric unit Nm) This measurement describes how tight a nut or bolt must be. The torque is measured with a torque wrench.

WARNING

Always wear CE compliant safety glasses or eye shields while assembling the trimmer.

The following components will be found in parts bag with quantities in ()

- (1) Field trimmer operators manual
- (1) Engine operators manual
- (1) 500ml bottle of oil
- (1) T-Handle wrench
- (4) 0.155" (4mm) Trimmer lines (4 lines make 2 sets)

WARNING

Before doing any assembly or maintenance to the unit, remove the wire from the spark plug.

Tools required.

- (1) Utility knife to cut the carton
- (1) Oil Funnel
- (1) Torque wrench to check fastener tightness
- (1) T-Handle wrench (included in parts bag)

5.1 Adjust the handle.

5.1.1 Hold the handle with one hand and loosen both handle adjustment knobs until the ratchet teeth are dis-engaged. DO NOT remove the handle adjustment knobs. (see Figure 2).

5.1.2 Press sides of handle apart and rotate the handle to the desired position behind the trimmer.

5.1.3 Stand in the operator's position behind the trimmer to make sure handle is adjusted to a comfortable position.

5.1.4 Tighten the handle adjustment knobs to 13-15 foot-pounds (18-20 Nm)

5.1.5 To attach the recoil start handle to the rope guide, twist the rope through the rope guide mounted on the left side of the handle.

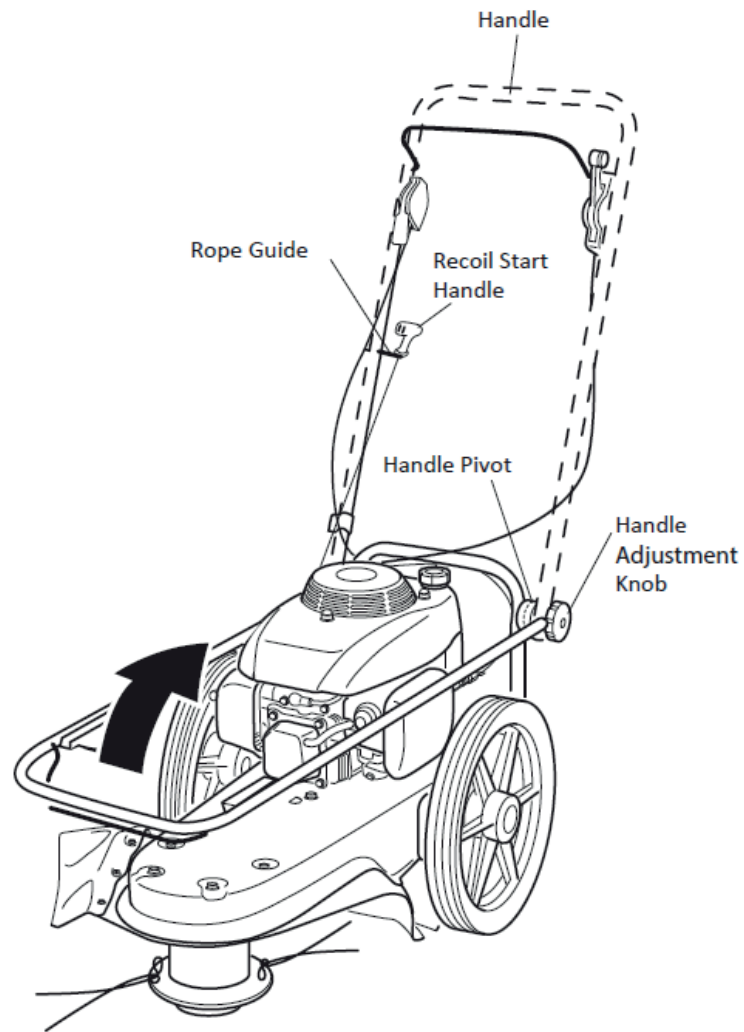


Figure 2

6. OPERATION.

6.1 Engine preparation.

⚠ NOTE

6.1.1 Engine does not contain oil or fuel when shipped. See the engine manufacturers instructions for the type of petrol and oil to use. Before you use the unit read the information on safety, operation, maintenance and storage. This trimmer was shipped with a 500ml container of SAE 10W 30 motor oil. This oil is to be added to the engine before operating. Follow the following procedure to fill the crankcase with oil.

6.2 First time fill.

6.2.1 Place the trimmer on a level surface.

6.2.2 Remove the oil cap/dipstick.

⚠ NOTE

6.2.3 The crankcase is shipped empty, so fill with 500ml of oil.

6.2.4 When adding oil, use a funnel to reduce spillage.

6.2.5 DO NOT overfill check the oil level by following the instructions below.

6.3 To check the oil level and to fill to proper level.

6.3.1 Place the trimmer on a level surface.

6.3.2 Remove the oil fill cap/dipstick and wipe clean with a clean cloth.

6.3.3 Replace dipstick and DO NOT screw it. Remove and check oil level.

6.3.4 When oil level is full, the oil will be at upper limit on dipstick, (See Figure 3)

6.3.5 If the oil level near or below the lower limit mark on the dipstick (see Figure 3), add oil slowly and recheck until oil level reaches upper limit of dipstick, DO NOT overfill.

6.3.6 Replace and tighten dipstick.

6.3.7 Clean up any spilled oil.

⚠ NOTE

When adding oil, you must frequently insert the oil fill cap/dipstick to check the amount of oil in the engine. DO NOT overfill (see Figure 4).

⚠ WARNING

Follow the engine manufacturer's instructions for the type of petrol and oil to use. Always use an appropriate petrol container when storing fuel. DO NOT smoke when adding petrol to the engine. When inside an enclosure, DO NOT fill with petrol. Before you add fuel, stop the engine and allow the engine to cool for several minutes.

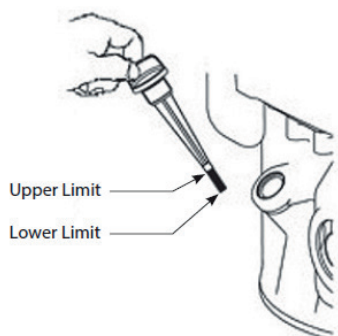


Figure 3

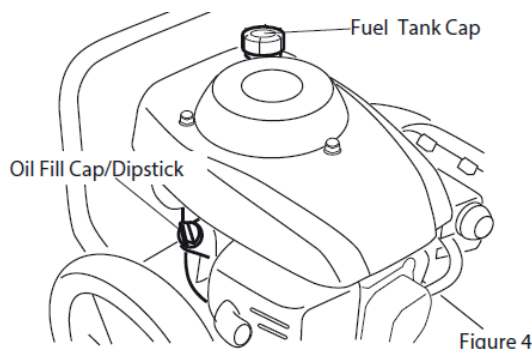


Figure 4

6.4 Filling fuel tank.

- 6.4.1 Clean surface around fuel cap to prevent contamination.
- 6.4.2 Loosen fuel cap slowly. Rest the cap on a clean surface.
- 6.4.3 Carefully pour fuel into the tank. Avoid spillage.
- 6.4.4 Prior to replacing the fuel cap, clean and inspect the gasket.
- 6.4.5 Immediately replace fuel cap and hand tighten. Wipe up any spillage.

NOTE

It is normal for smoke to be emitted from a new engine after the first use.

6.5 Checklist

- 6.5.1 For the best performance and satisfaction from this quality product, please review the following checklist before you operate the trimmer.
 - 6.5.1.1 All assembly instructions have been completed.
 - 6.5.1.2 Check carton to make sure no parts are remaining.
 - 6.5.1.3 All fasteners have been properly tightened.
- 6.5.2 As you learn how to use the trimmer pay extra attention to the following important items.
 - 6.5.2.1 Engine oil is at proper level.
 - 6.5.2.2 Fuel tank is filled with a fresh, clean regular unleaded petrol.
 - 6.5.2.3 Become familiar and understand the function of all controls. Before you start the engine operate all controls.

WARNING

Debris thrown from the trimmer can result in foreign objects being thrown into the eyes, which can cause severe damage. Always wear CE compliant safety glasses or eye shields when operating the trimmer.

6.6 How to use the primer button.

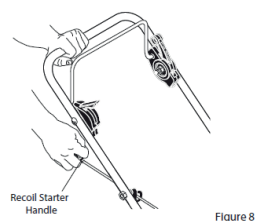
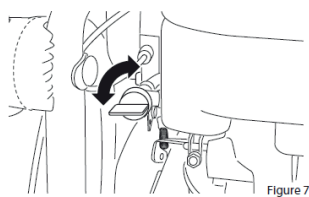
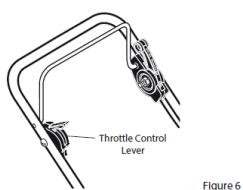
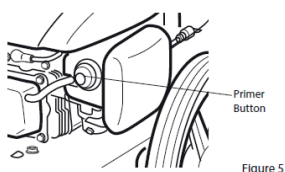
NOTE

Do not use the primer button to restart a warm engine after a short shutdown.

- 6.6.1 When starting a cam engine, push the primer button three times (See Figure 5). Wait approximately two seconds between each push.

6.7 How to use the throttle control.

- 6.7.1 During normal use, set the throttle control lever in the FAST position to run the engine at full speed.
- 6.7.2 Pull the throttle control lever back to decrease engine speed. Push the throttle control lever forward to increase engine speed,
- 6.7.3 To stop engine, pull the throttle control lever completely back to the STOP position. (See Figure 6).



6.8 How to START the engine.

NOTE

DO NOT be alarmed; your engine will smoke the first time it is started, it is burning off the protective coating that is on the Internal engine parts.

Make sure engine is level before starting.

CAUTION

Never leave the trimmer unattended while the engine is running. Wait for the trimmer lines to stop rotating.

6.8.1 Before each use, remove the debris from the debris screen. Debris can cause the engine to overheat. Wipe the debris screen with a cloth or paper towel.

6.8.2 Move the throttle control lever forward to the START or FAST position.

6.8.3 Make sure the fuel line valve is turned on. The knob should be horizontal (See Figure 7). NB not fitted on all models.

6.8.4 To start a cold engine. push the primer button three times. Wait two seconds between each push of the primer button.

6.8.5 Firmly hold the recoil starter handle with your right hand. (See Figure 8)

6.8.6 Pull the recoil starter slowly, until you feel tension in the starter rope. Then quickly pull the recoil starter handle to completely unwind the starter rope. DO NOT allow starter rope to snap back. Let the starter rope slowly rewind as you hold the recoil starter handle.

6.8.7 If engine fails to start after three pulls, push the primer button two times and again pull the recoil starter handle.

6.8.8 If engine fails to start after 5 or 6 more tries. see the instructions in the Troubleshooting Chart.

6.9 How to STOP the engine.

WARNING

Never run the engine indoors or in a poorly ventilated area. Engine exhaust contains carbon monoxide, an odorless and deadly gas. Keep hands, feet, hair and loose clothing away from the trimmer and any moving parts of the engine. Avoid the exhaust and surrounding areas. The temperature may exceed 150 degrees.

6.9.1 Move the throttle control lever completely back to the STOP position.

CAUTION

The trimmer head will continue to rotate for several seconds after the engine has stopped.

6.10 How to stop the trimmer head.

6.10.1 Release the start lever it will return to its position and disengage the trimmer head.

6.11 How to use the trimmer head drive lever.

6.11.1 To engage the trimmer head hold the start lever against the handle. Move the trimmer head drive lever forward to engage the trimmer head (See Figure 9).

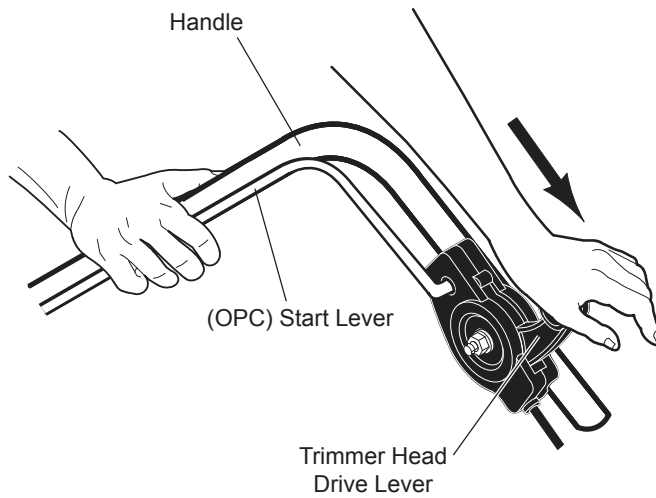


Figure 9

6.12 How to set the height of cut.

⚠ CAUTION

efore you set the height of the cut, stop the engine. Wait for for all moving parts to stop. Allow the engine to cool and disconnect the spark plug wire.

6.12.1 The height of the cut can be set from 38mm to 76mm (1 1/2" to 3"0). The recommended cutting height 51mm (2").

6.12.2 Use the T-Wrench found in the parts bag, to loosen t he (2) set screws (See Figure 10).

⚠ NOTE

The (2) set screws are only on one side of the trimmer head. If you don't see the set screws, check the opposite side. Both setscrews need to be loosened to change the height of the cut.

6.12.3 Slide the trimmer head up or down to the desired height of cut.

6.12.3 Tighten both set screws to 2.6 - 3.7 foot-pounds (3.5 - 5 Nm).

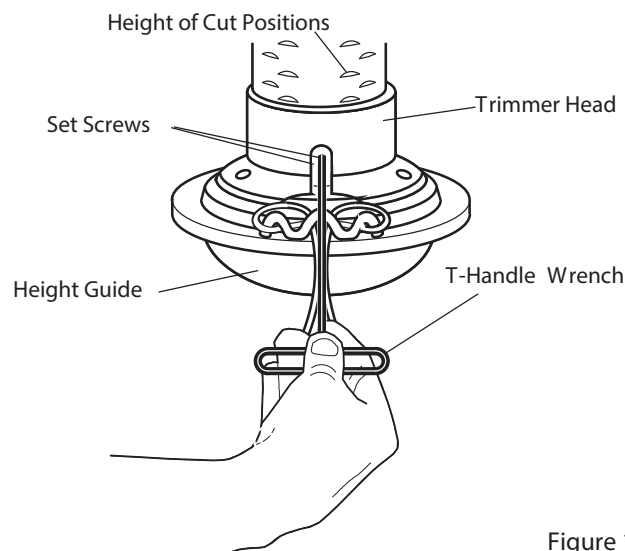


Figure 10

6.13 Trimming tips.

⚠ WARNING

Debris such as sticks, gravel and rocks can be thrown with sufficient force to cause personal injury and/or property damage.

6.13 Trimming tips continued.

6.13.1 Set the throttle control in the FAST position. The faster the engine runs, the faster the trimmer head will rotate. If the weeds or grass are tall and thick, operate the trimmer at a slower wading speed.

6.13.2 Frequently clean the trimmer to remove any grass build up. See the Maintenance section for details.

6.13.3 For best results and longer lasting line use the ends of the line to do the cutting. This is easily done by moving slowly through very thick or heavy weeds.

6.13.4 If the trimmer lines become too short, it will take longer to complete the job. If the trimmer lines are worn to less than half their original length, change the trimmer line. See "How to replace the trimmer line in the maintenance section.

6.13.5 DO NOT trim on excessively steep slopes. If a slope is difficult to stand on DO NOT trim it.

6.13.6 DO NOT trim on slopes when the ground is slippery or wet. Trim across the face of a slope, not up and down.

6.13.7 Trimmer head contact to concrete, asphalt and harder surface may create premature wear to the height guide.

6.14 Slope guide.

WARNING

Use extreme care at all times and avoid sudden turns or manoueuvers. Follow other instructions in this manual for safety when trimming on slopes. Operate a trimmer across the face of slopes, never up or down. Use extra care when operating on or near slopes and obstructions.

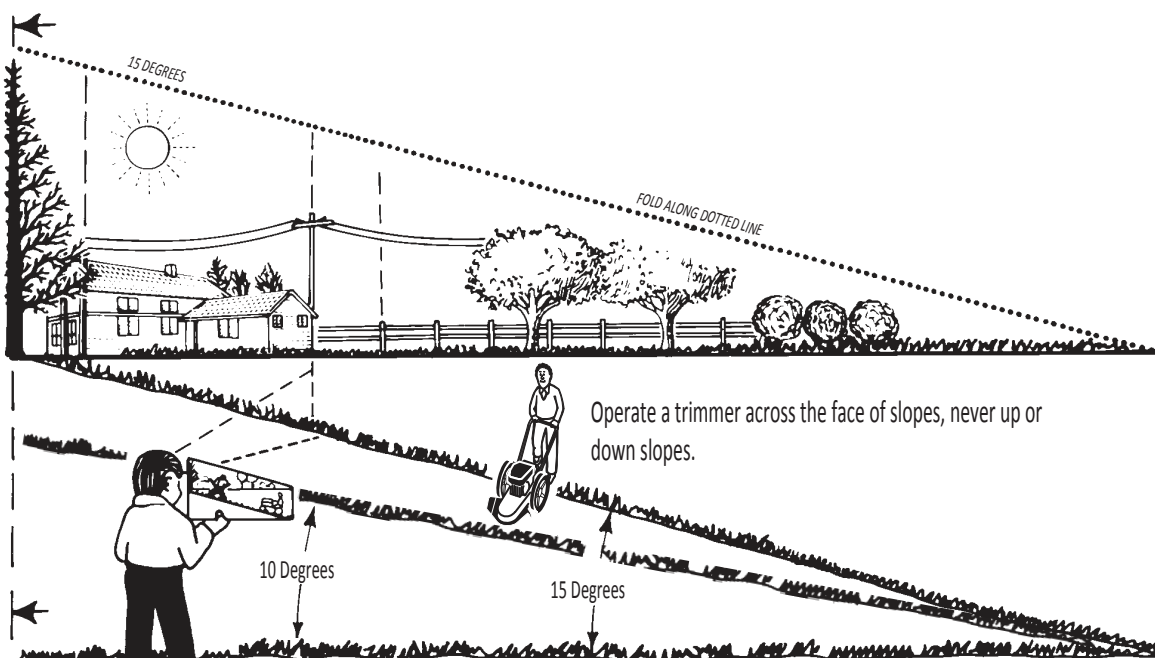
6.14.1 Operate a trimmer across the face of slopes, never up or down.

6.14.2 Use the guide below and DO NOT trim on a slope greater than 15 degrees.

6.14.3 A 10 degree slope is a hill that increases in height at approximately 1.7 feet in 10 feet.

6.14.4 A 15 degree slope is a hill that increases in height at approximately 2.5 feet in 10 feet.

To use sight guide below sight and hold this guide level with a vertical tree, corner of a structure, a power line or a fence.



7. MAINTENANCE.

7.1 Periodic maintenance schedule.

Service records - fill in dates as you complete regular servicing	Before each use	Every 5 hours	Every 25 hours	Every 100 hours	See note	Before storage	Service dates
Check engine oil	x						
Check trimmer lines	x				1		
Check trimmer head engagement	x						
Engine/Machine cleaning	x				2		
Check nuts and bolts	x						
Check spark plug			x				
Change engine oil			x				
Service air filter			x		3		
Lubricate jackshaft assembly			x				
Lubricate wheels.			x				

Note 1: When old line is half the original length, replace with new line.
Note 2: Clean daily if used in extremely dusty or dirty conditions. Clean grass and debris build up off of the debris green
Note 3: Change more often if used in extremely dusty or dirty conditions.

7.2 General recommendations.

7.2.1 The warranty on this trimmer does not cover items that have been subjected to operator abuse or negligence. To receive full value from the warranty, the operator must maintain the trimmer as instructed in this manual.

7.2.2 Some adjustments must be made periodically to properly maintain your trimmer

7.2.3 All adjustments in the Maintenance section of this manual must be checked at least once each season.

7.3 Engine maintenance.

7.3.1 Use the following maintenance section to keep your unit in good operating condition. All the maintenance information for the engine is in the "Engine Operator's Manual". Before you start the engine read this manual.

WARNING

Before you inspect clean, or service the trimmer, stop the engine. Make sure that all moving parts have stopped. Disconnect the wire from the spark plug.

7.4 How to change the oil.

7.4.1 Shut off engine and wait for it to cool.

7.4.2 Disconnect spark plug wire from the spark plug.

7.4.3 Remove the oil drain plug. (See Figure 11).

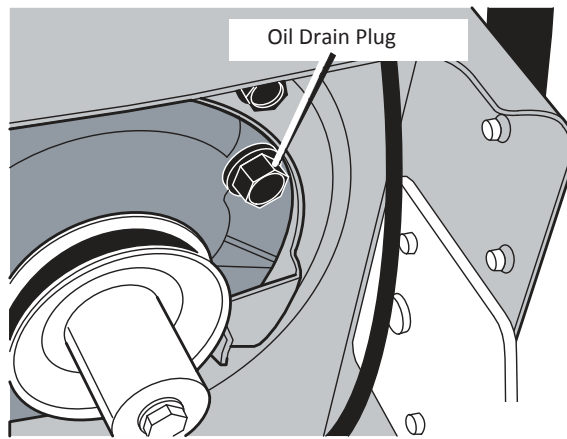
7.4.4 Drain all the engine oil into a flat pan.

7.4.5 Install the oil drain plug. Make sure the oil drain plug is tight.

7.4.6 Remove the dipstick.

7.4.7 Fill the engine crankcase. DO NOT overfill refer to engine preparation section for instructions on filling oil to proper level.

7.4.8 Connect the spark plug wire to the spark plug.



NOTE: View is bottom of the unit

Figure 11

7.5 How to replace trimmer line.

7.5.1 When the trimmer line becomes worn to half the original length, replace the trimmer line. For the best performance use a heavy gauge 4mm (0.155") trimmer line.

7.5.2 Stop the engine. Wait for all moving parts to stop. Disconnect the wire from the spark plug.

7.5.3 Remove the worn trimmer line from the retainer.

7.5.4 Cut the length of the trimmer line to 546mm (21.5"). Use the length guide located on the shield to make sure the trimmer line is the correct length. (See Figure 12).

7.5.5 DO NOT allow the length of the lines to vary more than one inch. Make sure the trimmer head is balanced and does not vibrate.

7.5.6 Thread the ends of the new trimmer line through the outside loops (See Figure 13).

7.5.7 Take the ends of the line, cross over the line retainer and thread the ends through the centre hole (See Figure 14).

7.5.8 Then, check to make sure that the ends of the line are even (See Figure 15).

7.5.9 Follow same steps for line on alternative side.

IMPORTANT To extend the life of the trimmer line, keep the trimmer line moist. If not kept moist, the nylon trimmer line will become dry and brittle. Keep extra trimmer line in a can of water. The line will then stay flexible and easy to change. A flexible line will also last much longer.

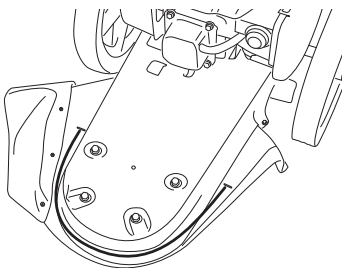


Figure 12

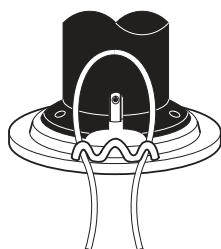


Figure 13

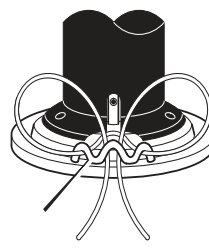


Figure 14

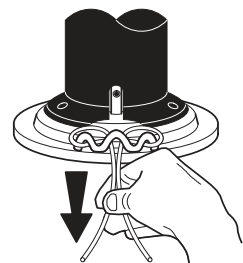


Figure 15

7.6 How to replace the drive belt.

WARNING

Before you remove the drive belt, disconnect the HT lead from the spark plug.

7.6.1 To replace the drive belt, the trimmer head and shield must be removed as follows,

7.6.1.1 Remove the two fasteners that hold the rear shield to the trimmer housing (See Figure 16).

7.6.1.2 Remove the four fasteners the front shield and trimmer head to the trimmer housing.

7.6.1.3 Remove the "V" Pulley from the idler bracket (See Figure 17).

7.6.1.4 Raise the front of the trimmer housing and remove the drive belt. DO NOT bend the belt guides.

NOTE

Make sure you replace the drive belt only with a replacement belt from your dealer. The length of the belt is 1160 + or - 2.5mm [45.67" + or - 0.1", the angle is 37 degrees, and the section is 3L.

7.6.1.5 To assemble the drive belt, reverse the above steps.

7.6.1.6 The torque spec an 13-20Nm (9.6 - 14.8 foot-pounds) the shield fasteners 27-33 foot-pounds (36.6 - 44.7Nm) for the drive pulley mounting bolt and 18 - 25 foot-pounds (24.4 - 34Nm) for the trimmer head bolts.

7.6.1.7 Check the routing of the drive belt. Make sure the drive belt is inside of all of the belt guides and that the belt is not twisted (See Figure 17).

IMPORTANT - Test the drive system. Start the engine and move the throttle control to the FAST position. Engage and disengage the trimmer head several times. When disengaged, make sure the trimmer head completely stops when resting on the ground. If the trimmer head continues to rotate, take the trimmer to your dealer.

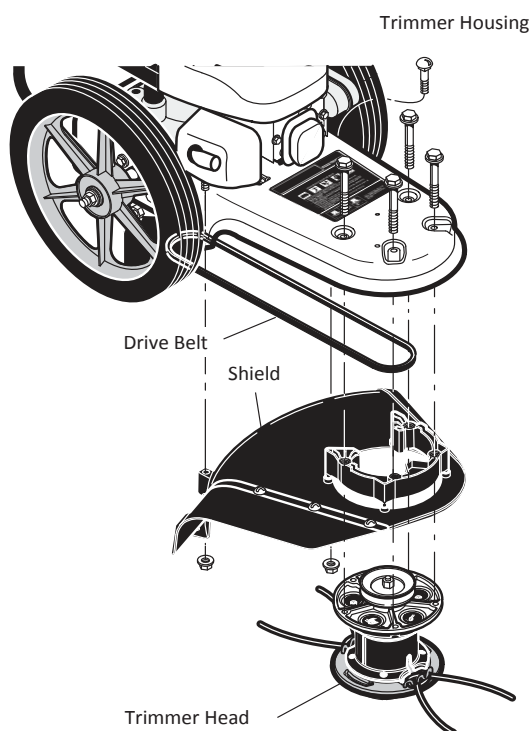
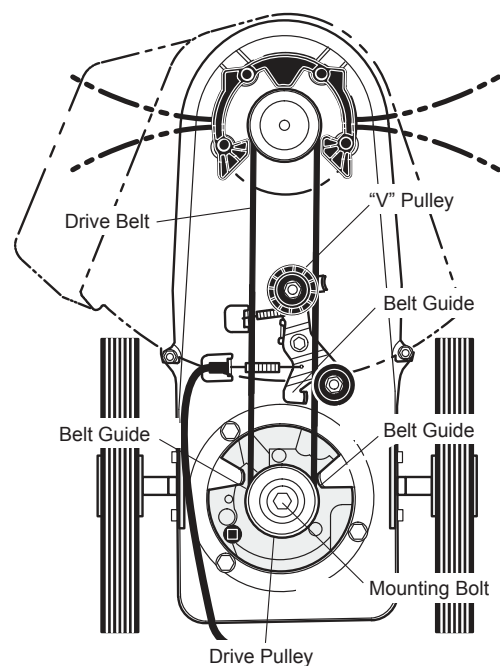


Figure 16



NOTE: View is bottom of the unit

Figure 17

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Engine does not start	Spark plug wire disconnected Engine not primed Defective or incorrectly gapped spark plug Fuel tank empty or low Dirty carburettor or fuel line Carburettor dirty Engine flooded Throttle control lever in incorrect position Stale petrol Defective throttle control lever or wire Dirty air filter	Connect spark plug. Prime engine. Inspect or replace spark plug. Add fuel. Clean carburettor or fuel line. For carburettor cleaning, take the unit to an authorised service center. Wait several minutes before starting. Move throttle lever to FAST or START position. Drain old fuel and add fresh petrol. Inspect lever and wire. Replace if damaged or defective. Replace air filter.
Engine runs poorly	Bad spark plug Dirty air filter Carburettor out of adjustment Stale petrol	Replace spark plug. Replace air filter Adjust carburettor. Take the unit to an authorised service centre. Drain old petrol and replace with fresh fuel.
Engine overheats	Engine cooling system clogged Engine cooling system clogged Carburettor out of adjustment Oil level is low.	Clean engine screen and cooling fins. Clean debris system and engine cooling fins. Adjust carburettor. Take the unit to an authorised service centre. Add oil.
Engine will not stop running	Defective throttle control lever or wire. Throttle not adjusted properly.	Inspect and replace damaged parts. Move throttle to the full OFF position.
Poor trimming performance	Trimmer line length is too short Engine not set at FAST speed	Correct line length is 545mm [21.5" (inches)]. When less than 1/2 this length, replace the line. Move engine throttle lever to FAST position.

Problem	Possible Cause	Solution
Trimmer vibrates	Set screws for trimmer head is loose Trimmer line lengths are substantially different Loose nuts or bolts Broken trimmer head	Tighten set screw with T-handle wrench. Adjust trimmer line to approximately equal lengths. Check all bolts and nuts, including engine bolts. Replace broken part.
Trimmer head does not retain line	Trimmer line not properly attached Broken line retainer Trimmer line not correct size	Follow instructions on decal or in the Service section of the owner's manual. Replace the trimmer head assembly. Use a 4mm [0.155" (inch)] trimmer line.

8. GENPOWER CONTACT DETAILS

8.1 Postal address;

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Technical service@genpower.co.uk

8.4. Web site;

www.hyundaipowerequipment.co.uk

9. DECLARATIONS OF CONFORMITY

9.1 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

9.2

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 (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: **HYFT56**
Type/Serial No: **Petrol Push Field Trimmer**

Cutting width: **560 mm**

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: **SQS Technical service (UK) Ltd,
Room LG01, Chancery House, Chancery
Lane, London, WC2A 1QU
HYFT56 - Noise level declaration**

Measured Sound Power Level: **82 dB (A)**

Guaranteed Sound Power Level: **84 dB (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: **8th September 2014**

Signed by: **Roland Llewellyn**

Position in Company: **Managing Director**

Name and address of manufacturer or Authorised representative:



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

HYUNDAI

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