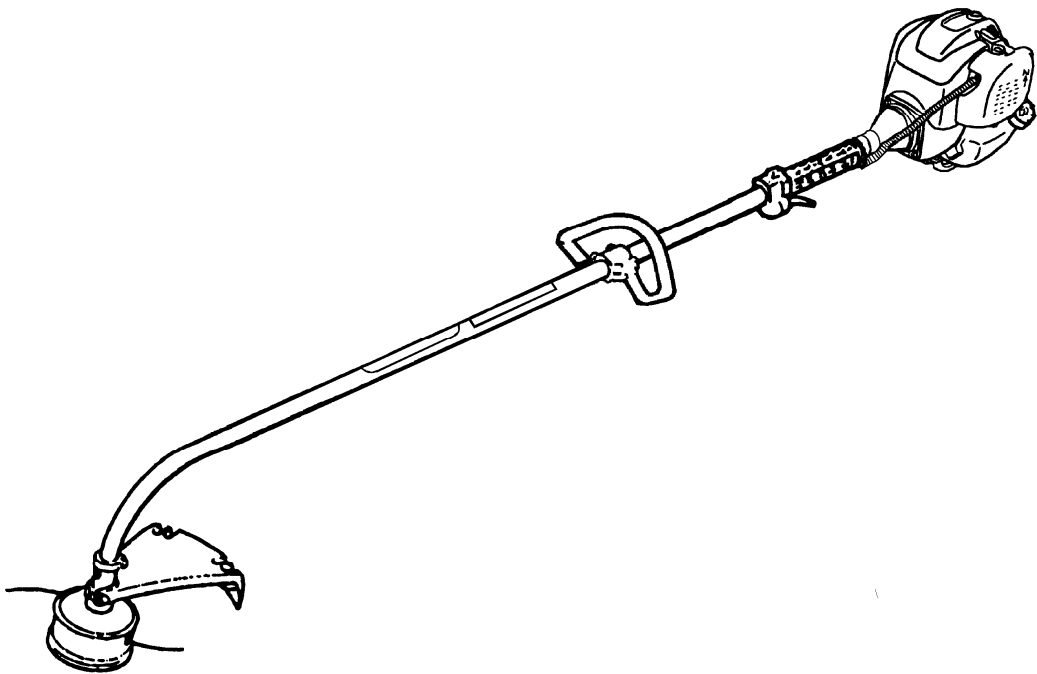


POWERUP
LAWNCARE PRODUCTS

String Trimmer
B25



Owner's / Operator's Manual

Completely read and understand this manual before using this product.

Foreword

This Owner's/ Operator's Manual is designed to familiarize the operator with the various features and component parts of the equipment and to assist you with the assembly, operation and maintenance of your new Trimmer. It is essential that any operator of this Trimmer reads and understands the contents this manual before using the Trimmer.

For additional assistance, contact any local authorized PLP dealer.

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Safety Instructions

The warning system in This manual identifies potential hazards and has special safety messages that help you and others avoid personal injury, even death.

⚠ DANGER , **⚠ WARNING** and **⚠ CAUTION** are signal words to identify the level of hazard.

⚠ DANGER : signals an extreme hazard that will cause serious injury or death if the recommended precautions are not followed.

⚠ WARNING : signals a hazard that may cause serious injury or death if the recommended precautions are not followed.

⚠ CAUTION : signals a hazard that may cause minor or moderate injury if the recommended precautions are not followed. Two other words are also used to highlight information. “Important” calls attention to special mechanical information and “Note” emphasizes general information worthy of special attention.

Operator safety

1. Read and understand this Manual before using the Trimmer. Be thoroughly familiar with the proper use of this Trimmer.
2. Always wear eye protection and hearing protection.
3. Always wear heavy long pants, a long sleeved shirt, boots and gloves. Do not wear loose clothing, jewelry, short pants, sandals, or go barefoot. Secure hair so it is above shoulder length.
4. Never operate this Trimmer when you are tired, ill, or under the influence of alcohol, drugs or medication.
5. Never start or run the engine inside a closed room or building. Breathing exhaust fumes can cause death.
6. Keep the grip of handles clean of oil, fuel and dirt.

Trimmer safety

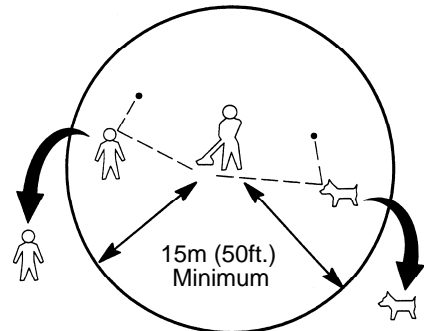
1. Shut off the engine and be certain the cutting attachment has completely stopped rotating before inverting the Trimmer, performing maintenance on or working on the machine.
2. Make sure the Trimmer is assembled correctly and that the cutting attachment is correctly installed and securely fastened as instructed in the Assembly section.
3. Inspect the Trimmer before each use. Replace damaged parts. Check for fuel leaks. Make sure all fasteners are in place and tightened securely. Follow the maintenance instructions beginning on page 10.
4. Make sure the cutting attachment does not rotate at engine idle speed. Refer to Idle Speed Adjustment, page 7.
5. Inspect the cutting attachment and replace any parts that are cracked, chipped or damaged before using the Trimmer.
6. Make sure the cutting attachment is installed and positioned correctly before using the Trimmer.
7. Never use a cutting attachment or replacement parts that are not approved by PLP.
8. Maintain the Trimmer according to the recommended maintenance intervals and procedures in the Maintenance section beginning on page 10.
9. If running problems or excessive vibration occur, stop immediately and inspect the unit for the cause. If the cause cannot be determined or is beyond your ability to correct, return the Trimmer to your servicing PLP dealer for repair.

Fuel safety

1. Gasoline is highly flammable and must be handled and stored carefully. Use a container approved for fuel for storing gasoline.
2. Pour fuel outdoors and where there are no sparks or flames.
3. Do not smoke near fuel or Trimmer, or while using the Trimmer.
4. Do not overfill the fuel tank. Stop filling upper fuel level of the tank (see HONDA ENGINES Owner' Manual).
5. Wipe up any spilled fuel before starting the engine.
6. Move the Trimmer at least 3m away from the fueling location before starting the engine.
7. Do not remove the Trimmer fuel tank cap immediately after stopping the engine.
8. Allow the engine to cool before refueling.
9. Drain the tank and run the engine dry before storing the unit.
10. Store fuel and Trimmer away from open flame, sparks and excessive heat. Make sure fuel vapors cannot reach sparks or open flames from water heaters, furnaces, electric motors, etc.

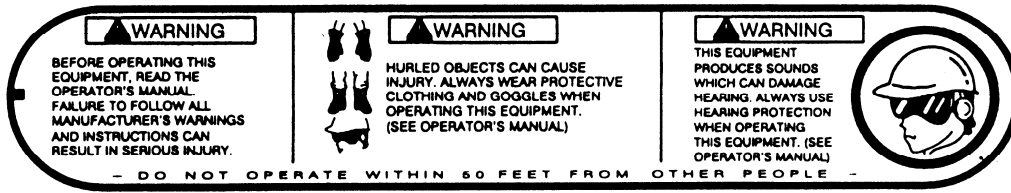
Trimmer Operating safety

1. THIS TRIMMER CAN CAUSE SERIOUS INJURIES. Read the instructions carefully. Be familiar with all controls and the proper use of the Trimmer.
2. Never allow children to operate the Trimmer. It is not a toy. Never allow adults to operate the unit without first reading this Operator's Manual.
3. Avoid using the Trimmer near rocks, gravel, stones and similar material that would cause harmful missiles.
4. Keep children, bystanders and animals outside a 15m (50ft.) radius from the operator and Trimmer.
5. If you are approached while operating the Trimmer, stop the engine and cutting attachment rotation.
6. Use the Trimmer only in daylight or good artificial light.
7. Never operate the Trimmer without proper guards in place.
8. Do not put hands or feet near or under any rotating parts. Keep clear at all times. Keep all parts of your body away from the rotating cutting attachment and hot surfaces such as the muffler.
9. Keep a firm footing and balance. Do not overreach.
10. Use the right tool for the job. Do not use the Trimmer for any job that is not recommended by PLP.



Safety and Instruction Decals

Safety decals and instructions are easily visible to the operator and are located near any area of potential danger. Replace any that are damaged or lost.



ON SHAFT (Part No. 221501)

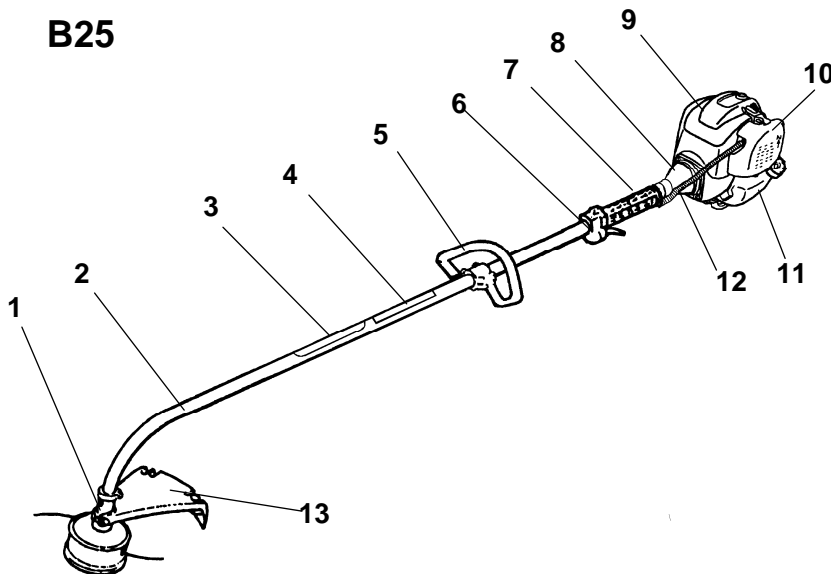


Sound pressure
level 80dB(A)

**ON ENGINE
(Part No. 223075)**

Product Description

B25



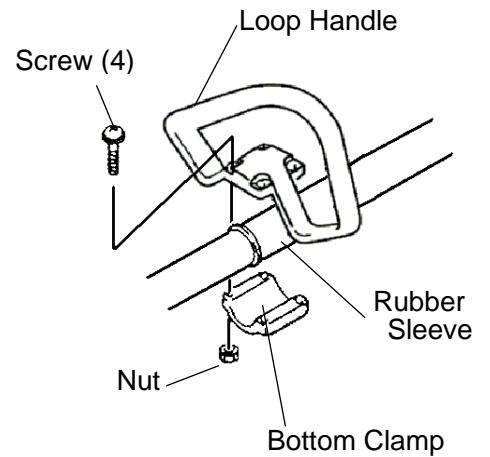
1. Bearing Case
2. Drive Shaft Tube
3. Safety and Instruction Decals
4. Model Name
5. Loop Handle
6. Throttle Trigger and Stop Switch
7. Shaft Grip
8. Clutch Drum Housing
9. Engine
10. Air Filter
11. Fuel Tank
12. Throttle Cable and Stop Switch Wires
13. Trimmer Head Guard

Assembly

Handle Installation

LOOP HANDLE

1. Slip the rubber sleeve around the shaft approximately 23cm from the end of the stop switch/throttle trigger assembly for an initial handle position.
2. Place the loop handle and the bottom clamp over the rubber sleeve.
3. Install the four screws and nuts. Leave the screws finger-tight.
4. Reposition the loop handle up or down the driveshaft to the most comfortable position, and tighten the screw and nuts.



Installing Guard

WARNING

POTENTIAL HAZARD

- Foreign objects can be thrown by Trimmer.

WHAT CAN HAPPEN

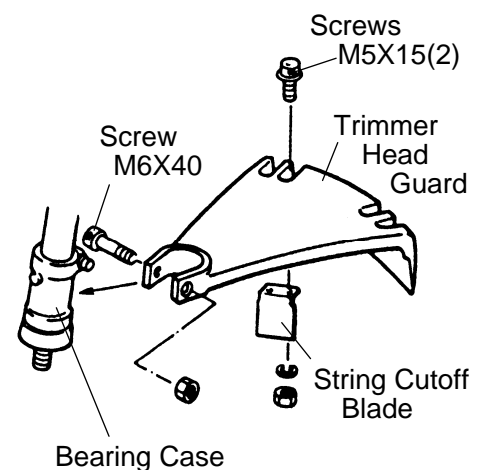
- Contact with thrown objects can cause personal injury.

HOW TO AVOID THE HAZARD

- Never operate the Trimmer without the trimmer head guard.

Trimmer Head Guard

1. Fasten the string cutoff blade to the guard with two M5X15 screws, lock washers and hex nuts as shown.
2. Push the guard onto the bearing case. Install the M6X40 screw and nut, tighten **ONLY AS NEEDED**.



Installing Cutting Attachments

Trimmer Head

CAUTION

POTENTIAL HAZARD

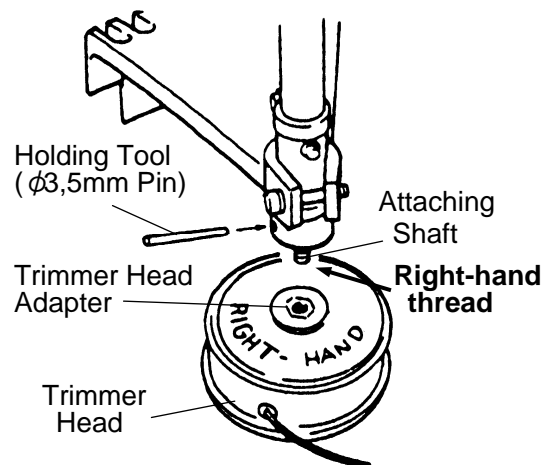
- If the cutting attachment is not adequately tightened, it can come loose from the Trimmer during use.

WHAT CAN HAPPEN

- This may cause damage to property or personal injury.

HOW TO AVOID THE HAZARD

- Make sure the cutting attachment head is securely fastened to the attaching shaft in the bearing case.



1. Align the hole in the boss adapter with the guide slot in the gearcase.
2. Insert the $\phi 3.5$ mm pin into the hole and slot in the boss adapter and bearing case to lock the attaching shaft.
3. Thread the trimmer head adapter into the attaching shaft, then tighten the trimmer head firmly by hand.

Note: The trimmer head adapter has right-hand thread.

4. Remove the $\phi 3.5$ mm pin from the boss adapter and bearing case.

Before Operation

Oil and Fuel

Please see HONDA ENGINES Owner's Manual.

WARNING

POTENTIAL HAZARD

- Gasoline contains gasses that can build up pressure inside a fuel tank.

WHAT CAN HAPPEN

- Fuel can be sprayed on you when removing fuel tank cap.

HOW TO AVOID THE HAZARD

- Remove fuel tank cap slowly to avoid injury from fuel spray.

DANGER

POTENTIAL HAZARD

- In certain conditions gasoline is extremely flammable and highly explosive.

WHAT CAN HAPPEN

- A fire or explosion from gasoline can burn you, others and cause property damage.

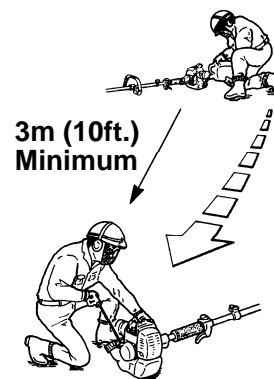
HOW TO AVOID THE HAZARD

- Use a funnel and fill the fuel tank outdoors, in an open area, when the engine is cold. Wipe up any gasoline that spills.
- Never smoke when handling gasoline, and stay away from an open flame with gasoline in an approved container and keep it out of the reach of children.

Starting and Stopping

Before Starting the Engine

1. Move the Trimmer at least 3m away from the fueling location and fuel storage container before starting the engine.
2. Rest the Trimmer on the ground.
3. Make sure the cutting attachment is clear of any broken glass, nails, wire, rocks or other debris.
4. Keep all bystanders, children and animals away from the working area.



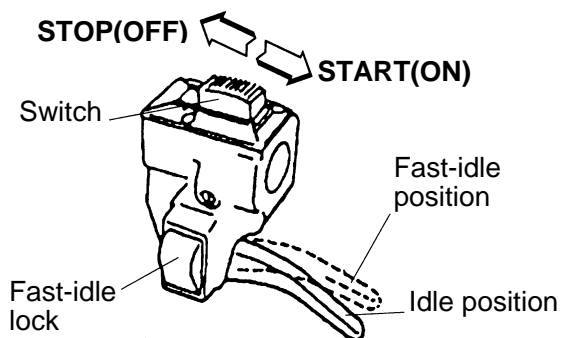
Starting Engine

Please see HONDA ENGINES Owner's Manual.

If the engine fails to start after you follow the procedures, contact an authorized PLP dealer.

To Stop the Engine

1. Release the throttle trigger.
2. Slide the switch to "STOP" position.



Idle Speed Adjustment

This Trimmer is equipped with non-adjustable fuel mixture carburetor. The idle speed is the only adjustment for the operator.

! WARNING

POTENTIAL HAZARD

- Engine must be running to make carburetor adjustments.
- When engine is running, Cutting attachment is rotating and other parts are moving.

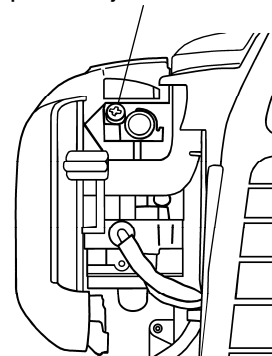
WHAT CAN HAPPEN

- Contact with rotating Cutting attachment or other moving parts could cause serious personal injury or death.

HOW TO AVOID THE HAZARD

- Keep hands, feet and clothing away from Cutting attachment and other moving parts.
- Keep all bystanders and pets away from unit while making carburetor adjustments.

Idle speed adjustment Screw



The cutting attachment may be rotating during idle speed adjustment. Wear the recommended personal protective equipment and observe all safety instructions. Keep hands and body away from the cutting attachment.

When the throttle trigger is released, the engine should return to an idle speed just below the clutch engagement speed. The cutting attachment must not rotate and the engine should not stall (stop running) at engine idle speed.

To adjust the engine idle speed, rotate the idle speed adjustment screw on the carburetor.

- Turn the idle speed screw in (clockwise) to increase the engine idle speed.
- Turn the screw out (counterclockwise) to decrease the engine idle speed.

If idle speed adjustment is necessary, and after adjustment the cutting attachment rotates or the engine stalls, stop using the Trimmer immediately!

Contact your local authorized PLP Dealer for assistance and servicing.

Trimmer Operation

CAUTION

Read the Safety instructions beginning on page 2 concerning proper use of the String Trimmer.

Trimmer Operating Position

CAUTION

Always wear gloves and protective clothing when operating the String Trimmer.

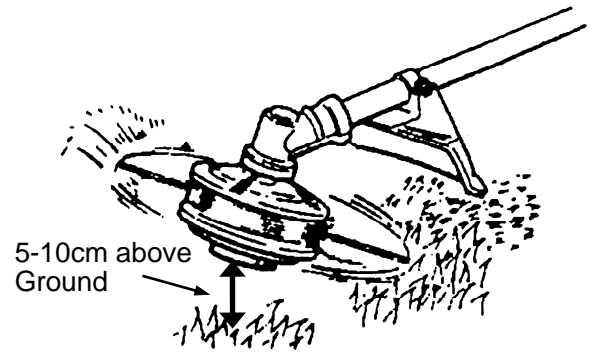
Before using the Trimmer, check the following:

1. The Trimmer should be on operator's right side.
 2. The operator's right hand should be holding the shaft grip, with his or her fingers on the throttle trigger. The right arm should be slightly bent.
 3. The left hand should be holding the loop handle with the fingers and thumb fully enclosed around the grip. The left arm should be extended. Reposition the loop handle up or down the driveshaft if necessary for a comfortable position.
 4. The Trimmer weight should be evenly distributed between the arms. The trimmer head should be near and parallel to the ground.
 5. Accelerate and hold the engine at cutting speed before entering the grasses to be cut.
 6. Always release the throttle trigger and allow the engine to return to idle speed when not cutting.
 7. Stop the Trimmer engine when moving between work sites.
- If the trimmer head becomes jammed, stop the engine immediately.
 - Make certain all moving parts have stopped and disconnect the spark plug before inspecting the equipment for damage.



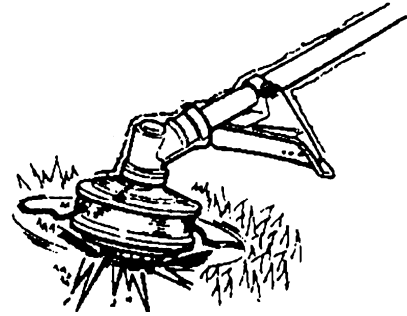
Cutting with Nylon Trimmer Line

- The tip of the line does the cutting. The line should stay extended while cutting.



CORRECT

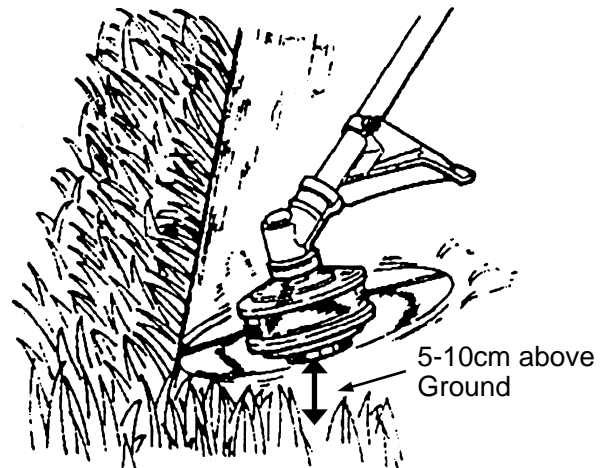
- Do not force the line into the material. Forcing the line will cause it to slap against the material, increasing line usage and causing poor cutting results.



INCORRECT

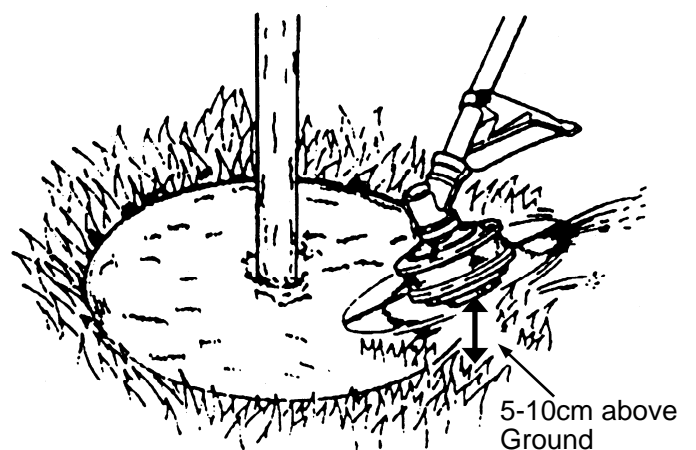
Trimming

Hold the bottom of the trimmer head about 5-10cm above the ground and at an angle. Allow only the tip of the line to make contact.



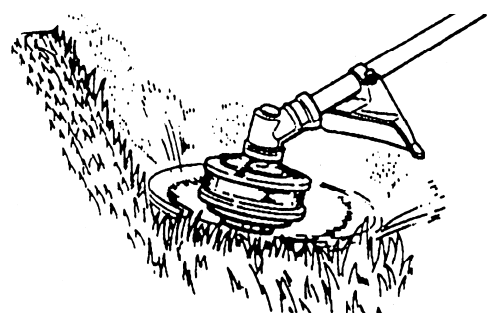
Scaling

To remove unwanted vegetation, hold the trimmer head about 5-10cm above the ground and at an angle. Allow the tip of the line to strike the ground cutting the vegetation off at the surface.



Mowing

Keep the line parallel to the ground and use a gentle side-to-side motion.



Maintenance

Please see HONDA ENGINES Owner's Manual.

Flexible driveshaft

Maintenance Interval

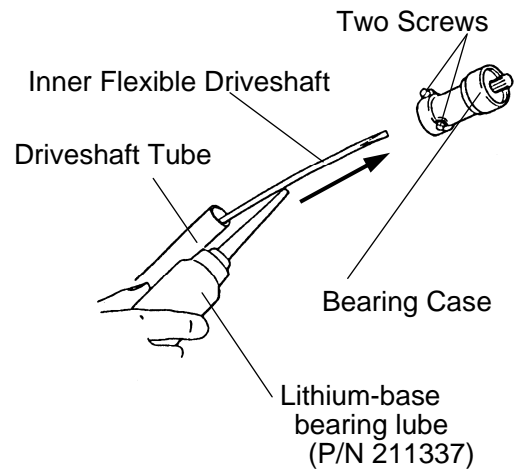
The flexible driveshaft should be lubricated each 30 hours of operation.

Driveshaft Lubrication

Loosen the two screws on the bearing case and remove the bearing case. The inner flexible driveshaft is easily removed by gripping the end securely and pulling it from the driveshaft tube. Lubricate the entire length the flexible driveshaft by lithium-base bearing lube (P/N 211337).

And insert it into the driveshaft tube.

Reinstall the bearing case onto the driveshaft tube and tighten the two screws.



General Cleaning and Tightening

WARNING

POTENTIAL HAZARD

- When engine is running, cutting head is rotating and other parts are moving.

WHAT CAN HAPPEN

- Contact with rotating cutting head or other moving parts could cause serious personal injury or death.

HOW TO AVOID THE HAZARD

- Always turn off your Trimmer before you clean or perform any maintenance on it.

The PLP Trimmer will provide maximum performance for many, many hours if it is maintained properly.

Good maintenance includes regular checking of all fasteners for correct tightness, and cleaning the entire machine.

Storage

Please see HONDA ENGINES Owner's Manual.

1. Perform all regular maintenance procedures and any repairs.
2. Store the Trimmer in a dry place away from excessive heat, sparks or open flame.

Troubleshooting

Please see HONDA ENGINES Owner's Manual.

If further assistance is required, contact your local authorized PLP service dealer.

Specifications

	B25
Dry Weight ※1.	5,1 kg
Engine Displacement	25,0 cm ³
Fuel Tank Capacity	0,55 L
Engine Oil Tank Capacity	0,08 L
Carburetor	Diaphragm Type
Ignition System	Transistorized Magneto
Spark Plug	NGK CMR5H
Engine Oil	4 - Stroke Automotive Detergent Oil (Please see HONDA ENGINES Owner's Manual)

※1. Dry weight without Cutting Attachment and fuel.

PLP POWERUP
LAWNCARE PRODUCTS
Free Post 5 Redcliffe Qld 4020