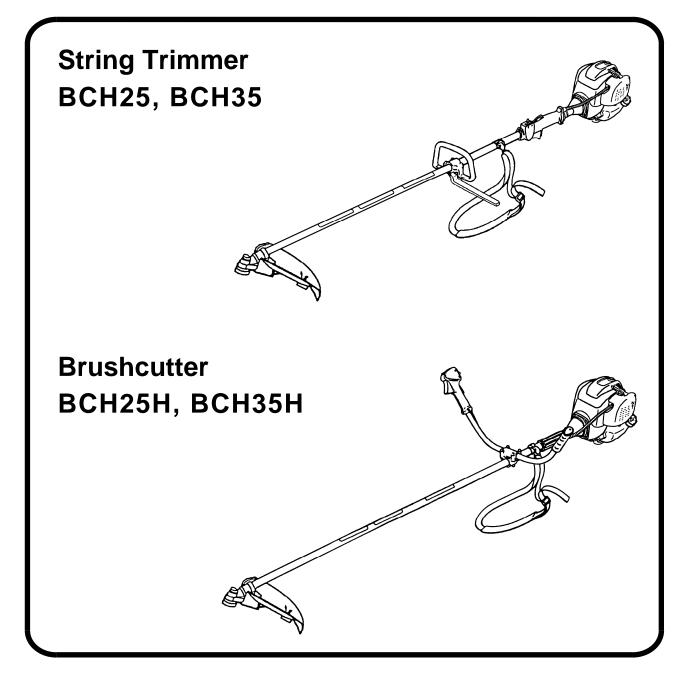


POWERUP LAWNCARE PRODUCTS



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/ Brushcutter.

It is essential that any operator of this Trimmer/ Brushcutter reads and understands the contents this manual before using the Trimmer/ Brushcutter.

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.

A 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/ Brushcutter. Be thoroughly familiar with the proper use of this Trimmer/ Brushcutter.
- 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/ Brushcutter 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/ Brushcutter safety

- 1. Shut off the engine and be certain the cutting attachment has completely stopped rotating before inverting the Trimmer/ Brushcutter, performing maintenance on or working on the machine.
- 2. Make sure the Trimmer/ Brushcutter is assembled correctly and that the cutting attachment is correctly installed and securely fastened as instructed in the Assembly section.
- 3.Inspect the Trimmer/ Brushcutter 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 14.
- 4. Make sure the cutting attachment does not rotate at engine idle speed. Refer to Idle Speed Adjustment, page 9.
- 5.Inspect the cutting attachment and replace any parts that are cracked, chipped or damaged before using the Trimmer/ Brushcutter.
- 6. Make sure the cutting attachment blade is installed and positioned correctly before using the Trimmer/ Brushcutter.
- 7. Never use a cutting attachment or replacement parts that are not approved by PLP.
- 8. Maintain the Trimmer/ Brushcutter according to the recommended maintenance intervals and procedures in the Maintenance section beginning on page 14.
- 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/Brushcutter to your servicing PLP dealer for repair.

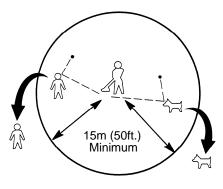
Fuel safety

- 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/ Brushcutter, or while using the Trimmer/ Brushcutter.

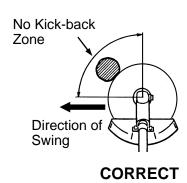
- 4. Do not overfill the fuel tank. Stop filling upper fuel level of the tank (see HONDA ENGINES Owner' Manual).
- 5. Wipe up any spilled fuel before starting the engine.
- 6. Move the Trimmer/ Brushcutter at least 3m away from the fueling location before starting the engine.
- 7. Do not remove the Trimmer/ Brushcutter 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/ Brushcutter 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.

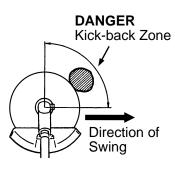
Trimmer/ Brushcutter Operating safety

- 1. THIS TRIMMER/BRUSHCUTTER CAN CAUSE SERIOUS INJURIES. Read the instructions carefully. Be familiar with all controls and the proper use of the Trimmer/ Brushcutter.
- 2. Never allow children to operate the Trimmer/ Brushcutter. It is not a toy. Never allow adults to operate the unit without first reading this Operator's Manual.
- 3. Avoid using the Trimmer/ Brushcutter near rocks, gravel, stones and similar material that would cause harmful missiles.
- Keep children, bystanders and animals outside a15m (50ft.) radius from the operator and Trimmer/ Brushcutter.



- If you are approached while operating the Trimmer/ Brushcutter, stop the engine and cutting attachment rotation.
- 6. Use the Trimmer/ Brushcutter only in daylight or good artificial light.
- 7. Never operate the Trimmer/ Brushcutter 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. When cutting heavy brush or small trees, always swing the Brushcutter from right to left to prevent kick-back.





INCORRECT

- 10. Keep a firm footing and balance. Do not overreach.
- 11. Use the right tool for the job. Do not use the Trimmer/ Brushcutter 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.



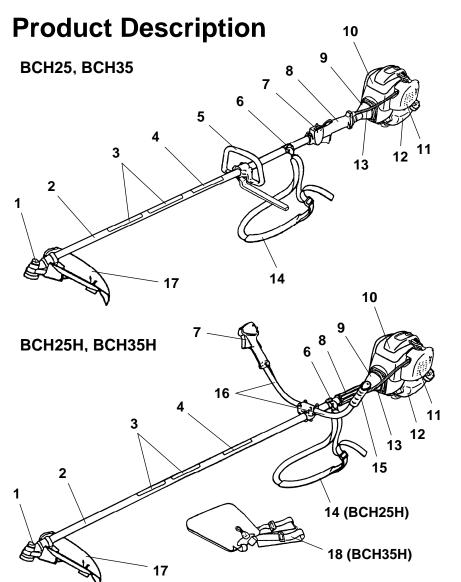
ON SHAFT (Part No. 221501)



ON SHAFT (Part No. 221502)



[BCH25, BCH25H] ON ENGINE (Part No. 223075) [BCH35, BCH35H] ON ENGINE (Part No. 227026)

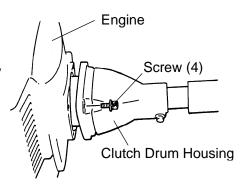


- 1. Gearcase
- 2. Shaft Assembly
- 3. Safety and Instruction Decals
- 4. Model Name
- 5. Loop Handle
- Attachment Ring for Shoulder Hanging Strap
- 7. Throttle Trigger and Stop Switch
- 8. Shaft Grip
- 9. Clutch Drum Housing
- 10. Engine
- 11. Air Filter
- 12. Fuel Tank
- Throttle Cable and Stop Switch Wires
- 14. Strap
- 15. Handle Grip
- 16. Horn Handle
- 17. Blade Guard
- 18. Shoulder Harness

Assembly

Assembling Engine and Drive Shaft Assembly

Attach the clutch drum housing to the engine using the four screws supplied with the unit.



Handle Installation

LOOP HANDLE

Loop handle must be assembled gearcase side from the arrow (A).

[MODEL: BCH25]

- 1. Slip the rubber sleeve around the shaft.
- 2. Place the loop handle and the bottom clamp over the rubber sleeve.
- 3. Install the four screws and nuts. Tighten the screws evenly.

[MODEL: BCH35]

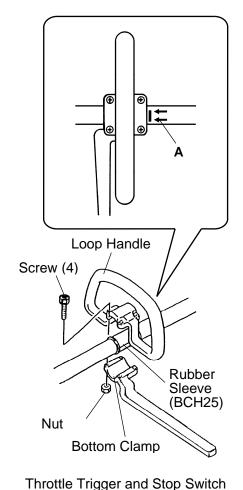
- 1. Place the loop handle and the bottom clamp onto the shaft.
- 2. Install the four screws and nuts. Tighten the screws evenly.

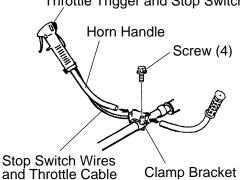
HORN HANDLE

[MODEL: BCH25H and BCH35H]

IMPORTANT: Be careful not to damage the throttle cable and stop switch wires when you remove the horn handles from the carton.

- 1. Loosen the four screws on the top of the clamp bracket.
- 2. Insert the left and right horn handles into the clamp bracket. Note that the horn handle with the throttle trigger and stop switch goes on the right-hand side of the brushcutter.
- 3. Adjust the horn handles to the desired position, then tighten the four screws.



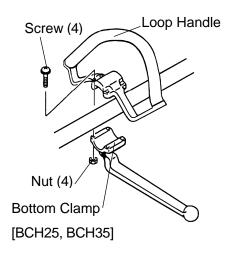


P5

Loop Handle Installation

[Model BCH25, BCH35]

- 1. Place the loop handle and the bottom clamp on the shaft approximately 28cm(11 inches) from the end of the stop switch/throttle trigger assembly.
- 2. Install the four screws and nuts. Tighten the screws evenly.
- 3. 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/Brushcutter. WHAT CAN HAPPEN
- $\cdot \ \, \text{Contact with thrown objects can cause personal injury}.$

HOW TO AVOID THE HAZARD

 Never operate the Trimmer/Brushcutter without the guard in place.

[Model BCH25]

- 1. Fasten the string cutoff blade to the guard with M5×15 screws as shown on Fig.1.
- 2. Atttach the guard to the shaft with the two M5x30 screws and plate as shown.

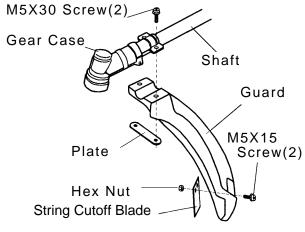


Fig.1

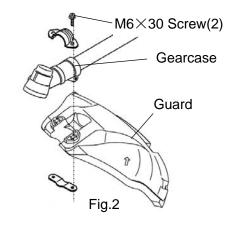
[Model BCH25H, BCH35, BCH35H] Blade Guard

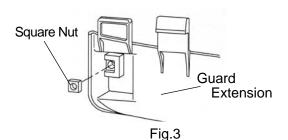
Attach the blade guard to the gearcase with the two M6 \times 30 screws as shown on Fig.2.

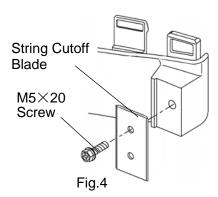
Trimmer Head Guard

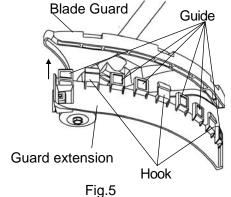
(Install the string cutoff blade and guard extension to the blade guard.)

- 1. Insert the square nut into guard extension as shown on Fig. 3.
- Attach the String Cutoff Blade to guard extension using M5×20 Screw, locking with square nut (on Fig.3) as shown on Fig. 4.
- Enter the guide in the slot of Blade Guard on Fig. 5.Make sure place the three hooks into the position on the guard as shown on Fig. 6.









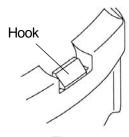


Fig.6

Connecting Throttle Cable

- With air cleaner cover removed, Put two cable adjuster nuts (packed with Engine Box) on the end of throttle cable. Slip the throttle cable through the slot in the slotted fitting, making sure the cable lug drops into the recessed hole (See sketch).
- Position the throttle cable in the throttle cable bracket fix it with tightening the two cable adjuster nuts. Adjust the cable position to keep 1-2mm play between cable lug and slotted fitting (See sketch).
- Operate the throttle trigger a few times to make sure that it works correctly. Check the stop on the carburetor throttle cam just contacts the idle speed adjustment screw when the throttle trigger is fully depressed.
- 4. When the throttle cable is adjusted correctly, tighten two adjuster nuts.

Connecting Stop Switch Wires

- 1. Plug the stop switch terminal A into the matching connector from the engine.
- 2. Fix the stop switch terminal B to the engine body with the screw (packed with Engine Box).



WARNING

POTENTIAL HAZARD

- Foreign objects can be thrown by Trimmer/Brushcutter. WHAT CAN HAPPEN
- Contact with thrown objects can cause personal injury. HOW TO AVOID THE HAZARD
- Never operate the Trimmer/Brushcutter without the blade guard.

Blade Guard [BCH25, BCH25H]

Attach the blade guard to the gearcase with the four $M5 \times 12$ screws as shown.

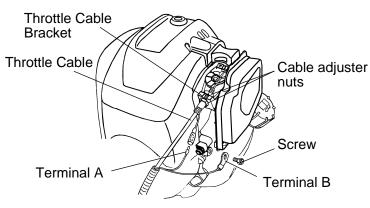
[BCH35, BCH35H]

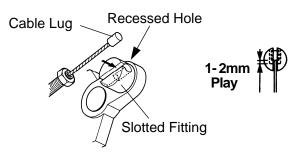
Attach the blade guard to the gearcase with the two $M6 \times 30$ screws as shown.

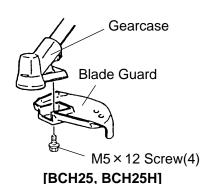
Trimmer Head Guard

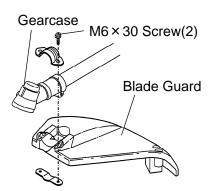
(Install the nylon line cut off blade and guard extension to the blade guard.)

- 1. Fasten the nylon line cut off blade to the blade guard with two M5 × 25 screws, lock washers and hex nuts as shown.
- 2. Attach the guard extension to the blade guard with the five M5 × 15 screws, washers and hex nuts as shown.

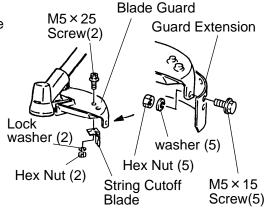








[BCH35, BCH35H]



Installing Cutting Attachments

Trimmer Head

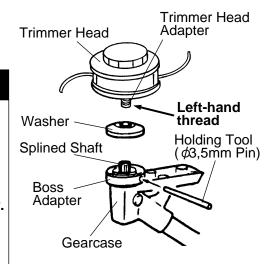
A CAUTION

POTENTIAL HAZARD

 If the cutting attachment is not adequately tightened, it can come loose from the Trimmer/Brushcutter 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 splined shaft in the gearcase.



- 1. Align the hole in the boss adapter with the guide slot in the gearcase.
- 2. Insert the ϕ 3.5mm pin into the hole in the boss adapter and the guide slot in the gearcase to lock the splined shaft.
- 3. Thread the trimmer head adapter into the splined shaft, then tighten the trimmer head by hand.

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

4. Remove the ϕ 3.5mm pin from the boss adapter and gearcase.

Brushcutter Blade

A CAUTION

POTENTIAL HAZARD

 If the Brushcutter blade is not adequately tightened, it can come loose from the Brushcutter during use.

WHAT CAN HAPPEN

This may cause damage to property or personal injury.

HOW TO AVOID THE HAZARD

- Make sure the brushcutter blade is securely fastened to the splined shaft in the gearcase.
- 1. Remove the blade bolt, stabilizer and clamping washer from the splined shaft out of the gearcase.

Note: The blade bolt has left-hand thread.

WARNING

POTENTIAL HAZARD

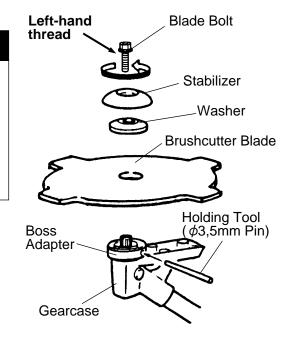
· Brushcutter blade is sharp.

WHAT CAN HAPPEN

Contact with sharp blade can cause serious personal injury.

HOW TO AVOID THE HAZARD

- · Wear gloves when you handle the blade.
- 2. Install the brushcutter blade onto the boss adapter, then reinstall the clamping washer, stabilizer and blade bolt.
- 3. Align the hole in the boss adapter with the guide slot in the gearcase.
- 4. Insert the ϕ 3.5mm pin into the hole in the boss adapter and the guide slot in the gearcase to lock the splined shaft.
- 5. Tighten the blade bolt to 11.3 Nm (100 in. -lbs.).
- 6. Remove the ϕ 3.5mm pin from the boss adapter and gearcase.



Attaching Shoulder Harness/ Strap

A WARNING

POTENTIAL HAZARD

 Without the Shoulder Harness/ Strap Installed on the Brushcutter, the blade can produce side thrust which can expose the operator and bystanders to blade contact.

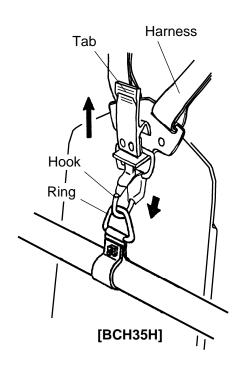
WHAT CAN HAPPEN

 Contact with Brushcutter blade can cause severe personal injury.

HOW TO AVOID THE HAZARD

 Never operate the Brushcutter without installing and using the Shoulder Harness/ Strap.

Snap the Hook into the ring on the drive shaft. To detach the hanging strap quickly from the Brushcutter, pull upward on the Tab.



Before Operation

Oil and Fuel

Please see HONDA ENGINES Owner's Manual.

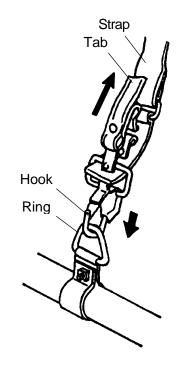
M WARNING

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.



[BCH25, BCH25H, BCH35]

A 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

- Move the Trimmer/Brushcutter at least 3m away from the fueling location and fuel storage container before starting the engine.
- 2. Rest the Trimmer/ Brushcutter 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/ Brushcutter is equipped with non-adjustable fuel mixture carburetor. The idle speed is the only adjustment for the operator.

MARNING

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.

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.

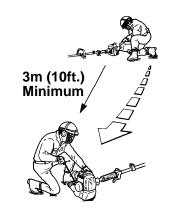
When the throttle trigger is released, the engine should return to an idle speed just below the clutch engagement speed. The cutting attachment must not rotate and the engine should not stall (stop running) at engine idle speed.

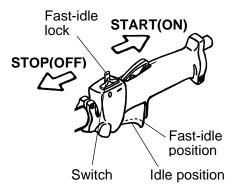
To adjust the engine idle speed, rotate the idle speed adjustment screw on the carburetor.

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

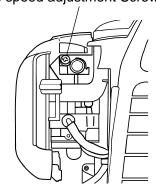
If idle speed adjustment is necessary, and after adjustment the cutting attachment rotates or the engine stalls, stop using the Trimmer/ Brushcutter immediately!

Contact your local authorized PLP Dealer for assistance and servicing.





Idle speed adjustment Screw



Trimmer Operation

A CAUTION

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

Trimmer Operating Position

A CAUTION

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

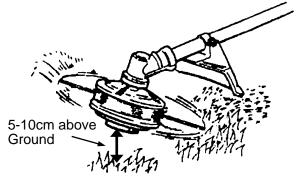
Before using the Trimmer, check the following:

- 1. The operator must be wearing the shoulder hanging Strap attached to the Trimmer, and 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 material 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.
- Never use a String Trimmer that has a chipped, cracked or broken trimmer head.



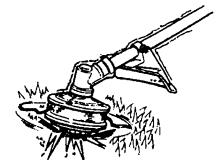
Cutting with Nylon Trimmer Line

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



CORRECT

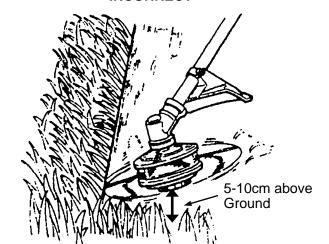
 Do not force the line into the material. Forcing the line will cause it to slap against the material, increasing line usage and causing poor cutting results.



INCORRECT

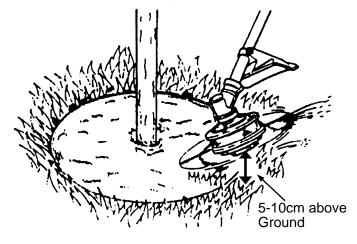
Trimming

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.



Brushcutter Operation

WARNING

POTENTIAL HAZARD

· Foreign objects can be thrown by Brushcutter.

WHAT CAN HAPPEN

· Contact with thrown objects can cause personal injury.

HOW TO AVOID THE HAZARD

Never operate the Brushcutter without the blade guard in place.

A CAUTION

- Read the Safety instructions beginning on page 2 concerning proper use of the Brushcutter.

Brushcutter Operating Position

Before using the Brushcutter, check the following:

M WARNING

POTENTIAL HAZARD

- Without the shoulder hanging Strap installed, the Brushcutter blade can produce side thrust which can expose the operator and bystanders to blade contact.
- If the Brushcutter is not correctly positioned on the operator's right side, the blade can produce side thrust which can expose the operator and bystanders to blade contact.

WHAT CAN HAPPEN

Contact with the Brushcutter blade can cause severe personal injury.

HOW TO AVOID THE HAZARD

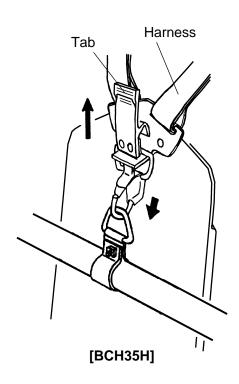
- Never operate the Brushcutter without installing and using the shoulder hanging strap.
- Always operate the Brushcutter with the unit on your right side.
- 1. The operator must be wearing the shoulder hanging Strap attached to the Brushcutter, and the Brushcutter must be on the operator's right side.
- 2. The operator's right hand should be holding the right-hand horn handle grip, with his or her fingers on the throttle trigger.
- 3. The left hand should be holding the left-hand horn handle grip with the fingers and thumb fully enclosed around the grip.
- 4. Always release the throttle trigger and allow the engine to return to idle speed when not cutting.
- 5. Stop the Brushcutter engine when moving between work sites.

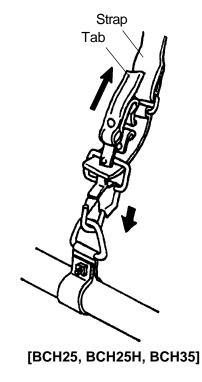


A CAUTION

- · Always wear gloves and protective clothing when operating the Brushcutter.
- If the Brushcutter blade becomes jammed, stop the engine immediately.
- Make certain all moving parts have stopped and disconnect the spark plug before inspecting the equipment for damage.
- Never use a Brushcutter that has chipped, cracked or broken cutting attachment or guard.

IMPORTANT: To detach the shoulder harness/ Strap quickly from the Brushcutter, pull upward on the Tab.





Cutting Direction

WARNING

POTENTIAL HAZARD

 Cutting heavy brush or small trees from the wrong direction can cause the Brushcutter blade to kick back.

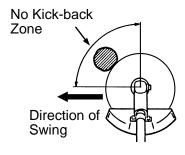
WHAT CAN HAPPEN

 Contact with the Brushcutter blade can cause severe personal injury.

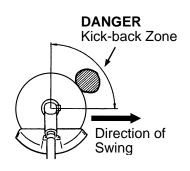
HOW TO AVOID THE HAZARD

 Always swing the Brushcutter from right to left when cutting heavy brush or small trees as shown.

When cutting heavy brush or small trees, always swing the Brushcutter from right to left. Swinging the Brushcutter from left to right can cause the blade to kick back.



CORRECT



INCORRECT

Cutting Blades

- 1. Use only the correct blade (PLP genuine part) approved for the application and model Brushcutter.
- 2. Carefully check the condition of the blades before and after operation.
- 3. Sharpen dull blades. Replace any blade that is worn, cracked or damaged.
- 4. If a blade produces eccentric rotation or vibration, replace the blade and the boss adapter with genuine PLP parts.

Maintenance

Please see HONDA ENGINES Owner's Manual.

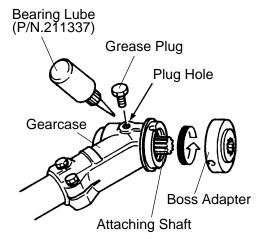
Gearcase

Maintenance Interval

The gearcase should be checked for lubrication after each 50 hours of use.

Gearcase Lubrication

Remove the cutting attachment and the boss adapter. Clean any dirt and debris from the area between the boss adapter and the gearcase. Remove the grease plug from the side of the gearcase. While rotating the attaching shaft, inject lithium-base bearing lube (P/N 211337) through the plug hole until the gearcase is full. Reinstall the boss adapter and grease plug.



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/Brushcutter before you clean or perform any maintenance on it.

The PLP Trimmer/Brushcutter 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.

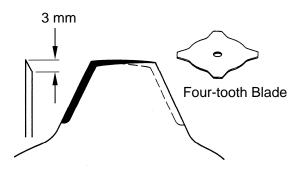
Blade Sharpening

IMPORTANT: Replace any blade that is worn, cracked or damaged.

IMPORTANT: Sharpen every tooth evenly so the blade rotates smoothly. If you sharpen a blade with a grinder, do not overheat the blade, and do not quench a hot blade in water to cool it.

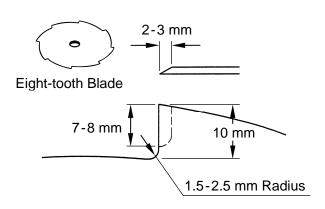
Four-tooth Blade

Sharpen with a single-cut flat file.



Eight-tooth Blade

Sharpen with a single-cut flat file and a round file.



Storage

Please see HONDA ENGINES Owner's Manual.

- 1. Perform all regular maintenance procedures and any repairs.
- 2. Store the Trimmer/Brushcutter 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

	BCH25	BCH25H	BCH35	ВСН35Н	
Dry Weight *1.	5,4 kg	6,3 kg	5,9 kg	6,8 kg	
Engine Displacement	25,0 cm ³		35,8 cm ³		
Fuel Tank Capacity	0,55 L		0,65 L		
Engine Oil Tank Capacity	0,08 L		0,10 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)				

 $[\]divideontimes$ 1. Dry weight without Cutting Attachment and Shoulder Harness/ strap.

