

# RYOBI®

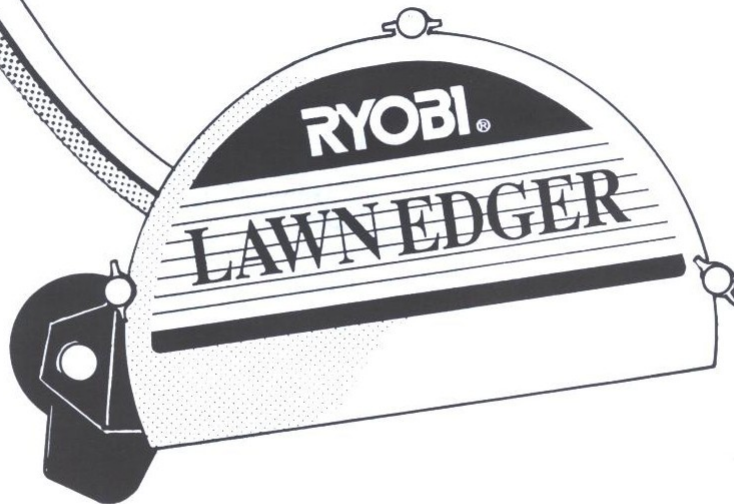
LAWN EDGER  
COUPE-BORDURE  
RANDAUSRICHTER  
RIFINITORE  
CORTACESPEDES  
KANTSKÄRARE  
KANTENSTEKER

RLE 1100

OWNER'S MANUAL  
EIGENTUMER/  
WARTUNGSHANDBUCH  
MANUAL DEL USUARIO

MANUEL D'UTILISATION  
MANUALE DI SERVIZIO  
E DI IMPIEGO  
AGARENS HANDBOK

HANDLEIDING VOOR DE  
EIGENAAR EN HET ONDERHOUD



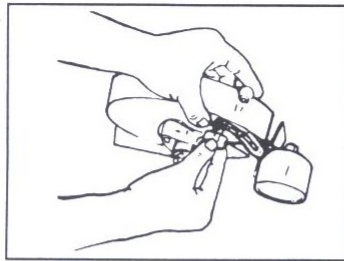


Fig. 1

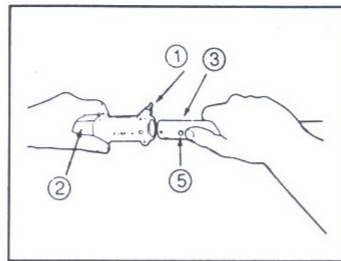


Fig. 5

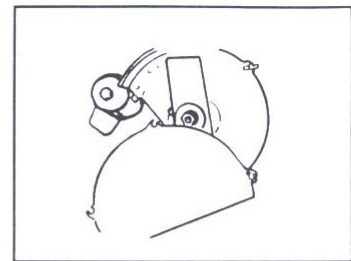


Fig. 9

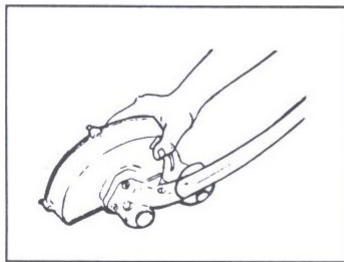


Fig. 2

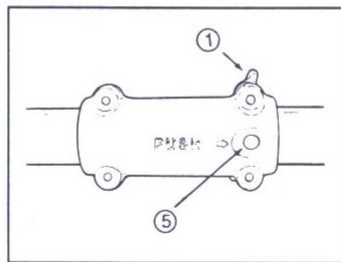


Fig. 6

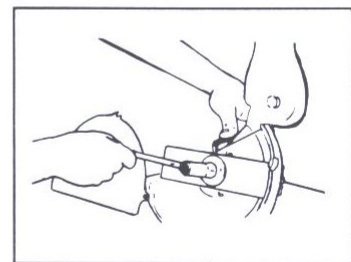


Fig. 10

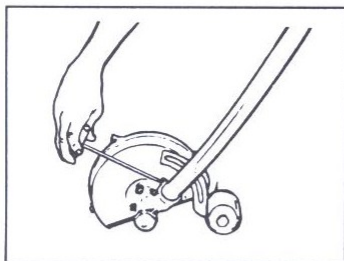


Fig. 3

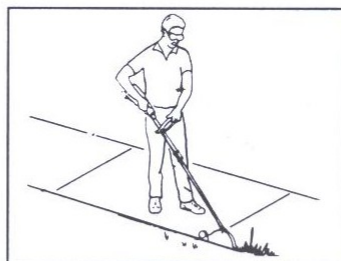


Fig. 7

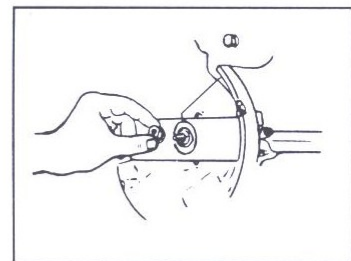


Fig. 11

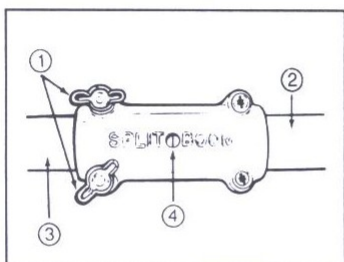


Fig. 4

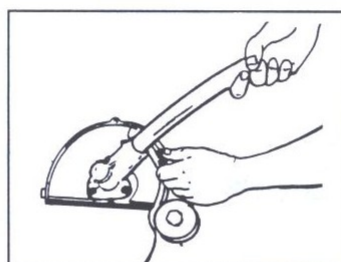


Fig. 8

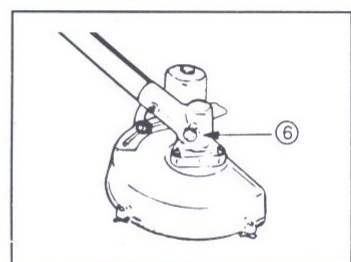


Fig. 12

**Description of Parts / Désignations / Beschreibung / Designazione / Denominación / Beskrivning av delar / Beschrijving  
Figs. 4-6 & 12 / des pièces / der Teile / dei pezzi / de las piezas / van de onderdelen**

1. Wing Screws / Vis à ailettes / Flügelschrauben / Viti ad alette / Tornillo de mariposa / Vingskruvar / Vleugelschroeven
2. Upper Boom / Manche Supérieur / Oberer Schaft / Manico superiore / Palo superior / Øvre skaft / Bovenste steel
3. Lower Boom / Manche inférieur / Unterer Schaft / Manico inferiore / Palo inferior / Nedre skaft / Onderste steel
4. Sight Hole / Regard / Sichtfenster / Foro di spia / Mirilla / Inspektionshål / Kijkgat
5. Release Button/Bouton de libération/Schnappknopf/Pulsante di disimpegno/Botón de liberación/Frigöringsknapp/Ontgrendelingsknop
6. Plug / Boulon / Bolzen / Bullone / Perno / Bult / Plug

## INTRODUCTION

### THANK YOU

Thank you for purchasing this quality product. This modern power tool is designed to provide you with many hours of useful service. You will find it to be a great labor-saving device.

This manual provides you with easy-to-understand operating instructions. Read the entire manual and follow all of the maintenance and service procedures to keep your new power tool in top operating condition.

### PRODUCT REFERENCES, ILLUSTRATIONS AND SPECIFICATIONS

All information, illustrations and specifications in this manual are based on the latest product information available at the time of printing. We reserve the right to make changes at any time without notice.

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### SAFETY WARNINGS

THE PURPOSE OF SAFETY SYMBOLS IS TO ATTRACT YOUR ATTENTION TO POSSIBLE DANGERS. THE SAFETY SYMBOLS, AND THE EXPLANATIONS WITH THEM, DESERVE YOUR CAREFUL ATTENTION AND UNDERSTANDING. THE SAFETY WARNINGS DO NOT BY THEMSELVES ELIMINATE ANY DANGER. THE INSTRUCTIONS OR WARNINGS THEY GIVE ARE NOT SUBSTITUTES FOR PROPER ACCIDENT PREVENTION MEASURES.

SYMBOL	MEANING
	<b>WARNING:</b> Failure to obey a safety warning can result in injury to yourself and others.
	<b>NOTE:</b> Advises you of information or instructions vital to the operation or maintenance of the equipment.



**MAKE SURE THIS MANUAL IS CAREFULLY READ AND UNDERSTOOD BEFORE STARTING OR OPERATING THIS EQUIPMENT.**

**PLEASE REFER TO THE OWNER'S MANUAL OF THE UNIT FOR ADDITIONAL SAFETY WARNINGS.**

## SAFETY WARNINGS

### FUEL AND PRE-OPERATION

- Avoid spilling the fuel when mixing the oil.
- Do not smoke while fueling the power unit.
- Fuel the power unit in a well-ventilated area.
- Move away from the fueling area when starting the unit.
- Inspect the area before starting the unit. Remove all debris, and hard and sharp objects.
- Carefully read and understand the owner's manual of the unit that powers this attachment.

### DURING OPERATION


- Dress properly. Avoid wearing clothing with loose strings, chains, ties, etc.
- Keep clothing and body parts away from the engine exhaust outlet.
- Wear safety goggles or glasses at all times when using the unit. They provide protection against flying objects and dust.
- Wear a dust mask if use will create a dust laden environment.
- Do not smoke while operating the unit.
- Use the unit only in a well-ventilated area.
- Turn off the engine and let it cool before refueling or before putting the unit in storage.
- Never attempt to clear the blade and guard of debris with the engine running.
- Do not edge near other people. The edger could propel small objects at high speed, causing injury.
- Never operate the edger without the blade cover in place and properly secured.
- Stay clear of the rotating blades.
- After striking a foreign object, stop the engine and inspect the edger for damage and repair before restarting it.
- Keep bystanders and pets at least 10 m (33 feet) away.
- Look behind and use care when backing up.
- Never operate without good visibility or light.
- Exercise caution to avoid slipping or falling.

### AFTER OPERATION

- Store unit in an area free of potential fuel vapor ignition sources or electrical sparking devices.
- Allow the unit to cool before putting it into storage.
- Only qualified personnel should perform any repairs or maintenance procedures that are not described in this manual.



## ASSEMBLY INSTRUCTIONS

 NOTE: FAILURE TO FOLLOW THESE ASSEMBLY INSTRUCTIONS MAY CAUSE FLEX SHAFT FAILURE.

1. Loosen the 2 cover wing screws and swivel cover. Install the carriage bolt through the housing and secure the wheel bracket assembly with the adjustment knob and flat washer. Make sure the carriage bolt is properly seated through the housing (Fig. 1).
2. Pull the flex shaft out of the boom about 51mm (2 in.). Insert the shaft into the square hole in the housing (Fig. 2).
3. Back out the anti-rotation screw and push boom assembly into the casting. Rotate until the hole in the boom is aligned with the hole in the casting. Install the anti-rotation screw and tighten the clamp screw (Fig. 3).

### SPLIT-BOOM ASSEMBLY

1. Loosen the wing screws of the Split-Boom coupler. This will allow the lower (attachment) boom to be inserted into the coupler (Fig. 4).
2. Remove the protective cover from the lower boom and push it into the coupler (Fig 5).
3. Locate and lock the release button into the hole in the coupler (Fig. 6). Check the sight hole to make sure both ends of the boom are together (Fig. 4). Tighten the wing screws before using.
4. To remove the attachment, loosen the wing screws, push the release button and pull the lower boom straight out of the coupler (Fig. 6).

## OPERATING INSTRUCTIONS

1. The edger is designed to cut deep edges along paths, driveways, rockeries, etc. It may be necessary to first dig a small trench along the edge so the blade can rotate at speed. By regularly edging the path, the trench will be maintained and the blade will cut effectively.
2. Do not force the unit into deep overgrown edges because this may cause damage to the blade or drive mechanism.
3. Typical operating position. Edge along paths, driveways and gardens (Fig. 7).
4. To adjust the blade cutting depth, loosen the adjustment knob above the wheel. Slide the bracket into the desired position and retighten the knob (Fig. 8).

## MAINTENANCE INSTRUCTIONS

### BLADE CLEANING/ REPLACEMENT



#### WARNING

Always wear gloves while installing or handling the blade.

1. To clean or replace the blade, loosen the 2 wing screws and swivel cover (Fig. 9).
2. Remove the blade by inserting the locking rod tool into the blade driver slot and loosen the lock nut **clockwise** with a wrench. Remove the nut, retainer washer and blade (Fig. 10).
3. Install the blade, retainer washer and lock nut. Insert the locking rod tool into the slot or blade driver. Proper care should be taken to ensure that the blade stays in its proper position. Torque the lock to 225/250 lbf•in (Fig. 11).
4. Check the gear housing for lubricant every 50 hours of operation. Remove the grease fill plug to check the lubricant level. It should be up to the bottom edge check hole. If low, bring up to, but not over, the bottom edge with a good quality, lithium-based, #2, multi-purpose grease. Securely tighten the fill plug to prevent leakage (Fig. 12).

## SPECIFICATIONS

### Operating Weight:

6.2 kg (13.7 lbs complete unit)