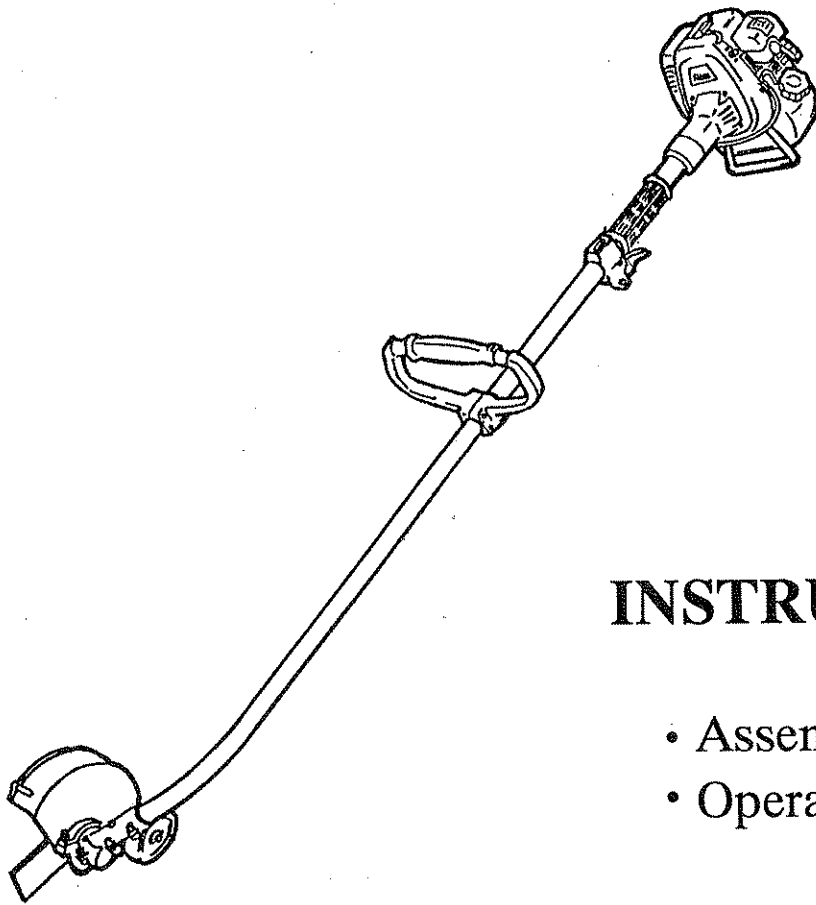




STICK EDGER

MODEL BE26



INSTRUCTION MANUAL

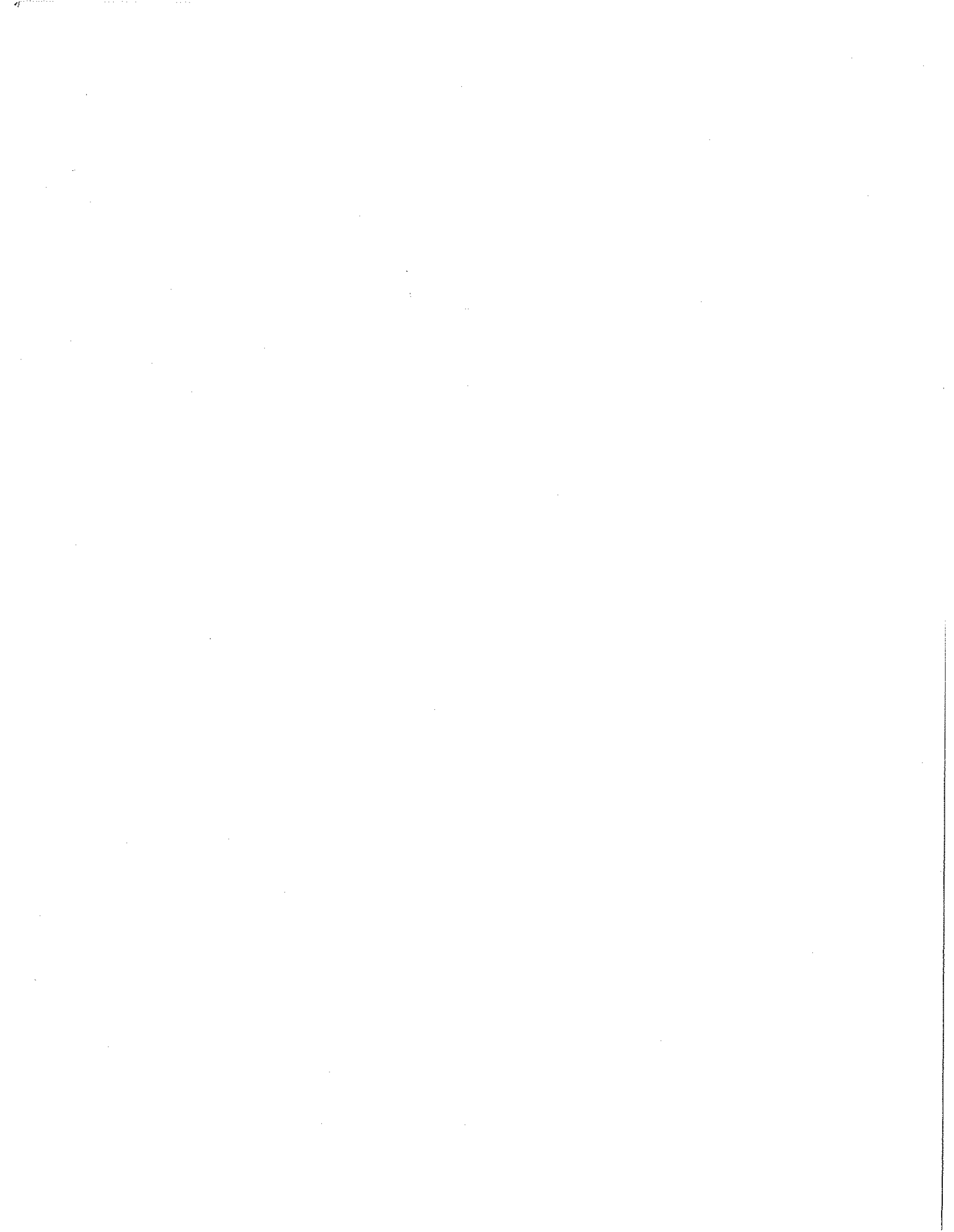
- Assembly
- Maintenance
- Operation
- Repair parts

CAUTION:

Read Rules for Safe Operation and Instructions Carefully



FUJIROBIN INDUSTRIES LTD.



Thank you very much for your patronage in your purchasing ROBIN STICK EDGER We are proud of and much confident in recommending our ROBIN STICK EDGER as the result of our long development and ample knowledge and experiences. This booklet refers to the essence which you should learn in order to demonstrate its outstanding performance. We wish that you will have sufficient knowledge from this booklet before operating ROBIN STICK EDGER and make the best use of it for ever.

CAUTION

- Always stop the engine when a blade jam occurs.
- DO NOT attempt to remove an object causing a blade jam if the engine is running. Physical injury can occur if a blade jam is removed and the blade suddenly starts.
- Keep a firm grip on the edger with both hands, the right hand on the rear handle, the left hand on the front handle. Use a firm grip with thumbs and fingers encircling the handles. A firm grip will help you keep control of the edger.
- NEVER OPERATE the edger with only one hand.
- Never adjust blade height with engine running.
- Before edging, plan your direction of travel so that the unit will always be positioned on your right side and so that you walk on a hard surface whenever possible.

SAFETY RULES AND PRECAUTIONS

Proper safety precautions must be observed. Like all power equipment this unit must be handled carefully. DO NOT EXPOSE YOURSELF OR OTHERS TO DANGER. Follow these simple rules.

1. Always wear safety goggles for eye protection. Dress properly, do not wear loose clothing or jewelry that could become caught in moving parts of the unit. Safe footwear should always be worn.
2. Inspect the entire machine for loose parts. (Nuts, bolts, screws, etc.)
3. DO NOT USE any attachment with this power head other than those manufactured by the manufacturer of the engine. Serious injury to the user or damage to the engine could result.
4. Keep the handles free of oil and fuel.
5. Always use the proper safety handle when cutting.
6. Do not smoke while mixing fuel or filling tank.
7. Do not mix fuel in an enclosed room or near open flames.
8. Always mix and store the fuel in a properly marked container that is approved for such usage.
9. Never remove the fuel tank cap while the engine is running.
10. Never start or run the engine inside a closed room or building. Fumes from the exhaust contain dangerous carbon monoxide.
11. Never attempt to make engine adjustments while the unit is running. Always make engine adjustments with the unit resting on a flat, clear surface.
12. Do not use the unit if it is damaged or poorly adjusted.
13. Inspect the area to be cut and remove all debris that could become entangled in the blade. Also remove any objects that the unit may sling during cutting.
14. Keep children away. Onlookers should be kept at a safe distance from the work area, at least 50 feet.
15. Do not use this unit for any job other than those for which it is intended as described in this manual.
16. Do not overreach. Keep proper footing and balance at all times. Do not run unit standing on a ladder or any other unstable footing.
17. Keep hands and feet clear of the blade, while unit is in use.
18. Do not run the unit at high speed when not cutting. During operation, be sure to keep the engine rotation at 6,000 – 10,000rpm (rated rotation: 7,000rpm). If the rotation goes below this limit, grass may be sometimes caught in the blade, which results in wear of the clutch.
19. Do not use the unit when you are tired.
20. Use the blade without any breakage. In particular, whenever it hits at a stone or any other obstacles, stop the engine and check the blade. Any broken blade must not be used. Follow instructions for changing accessories.
21. Do not store in a closed area where fuel vapors can reach an open flame from hot water heaters, furnaces, etc.
22. Use only replacement parts that are identical to original equipment parts when servicing the unit. These parts are available from your dealer. The use of any other accessory or attachment may create a potential hazard.

KNOW YOUR ROBIN STICK EDGER

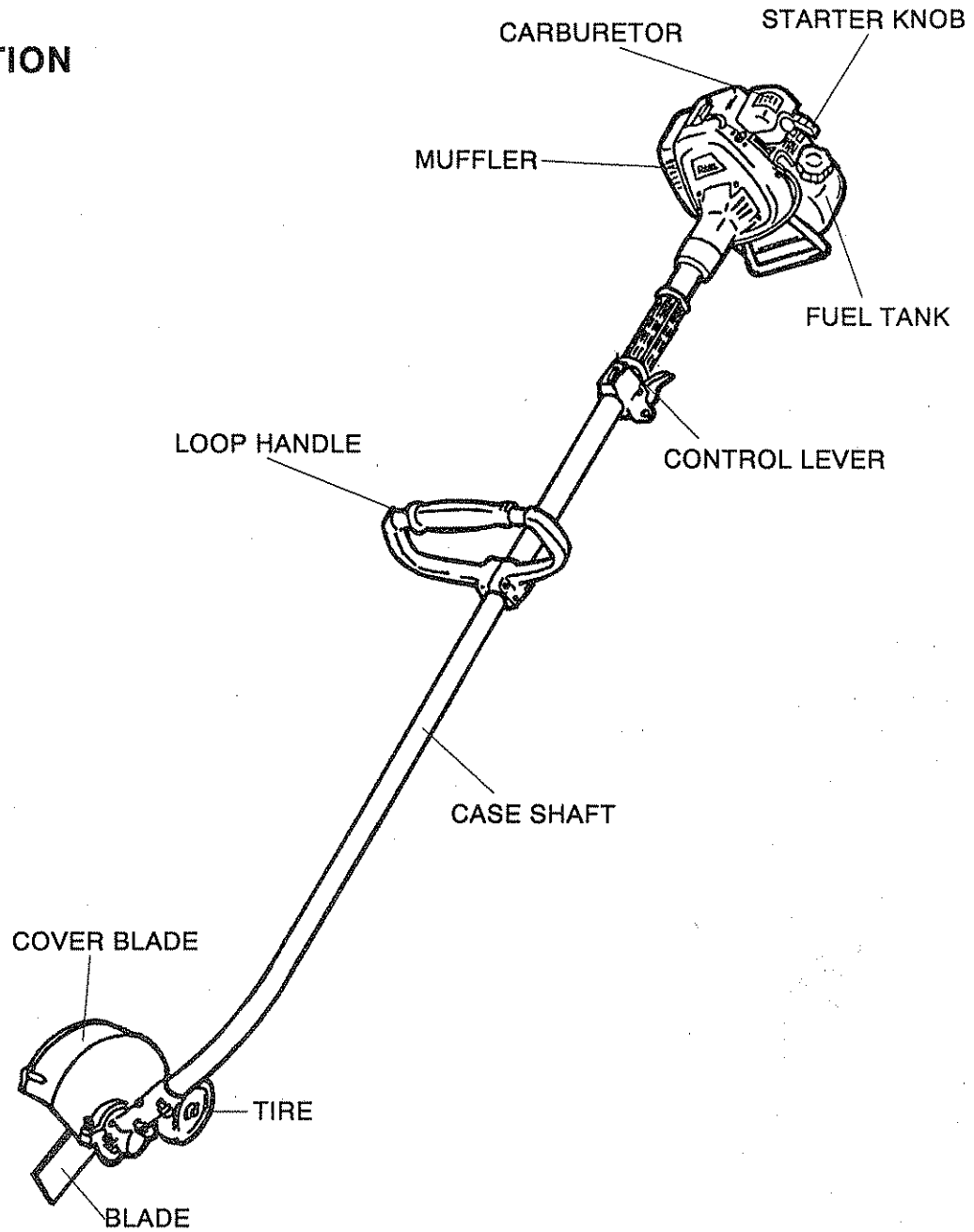
Your new ROBIN STICK EDGER has been carefully packed at the factory to prevent damage during shipping and storage, however, even with the best of preventative measures, damage does sometimes occur. It is recommended that you follow the check up items listed below;

CHECKUP ITEMS FOR SAFETY OPERATION

Prior to operation, be sure to check the following items to permit safe operation of this machine.

	No.	Check up item	Description	Checkup
Common	1	Aspect	By visual inspection, check for flaws, cracks or wears.	
	2	Bolts,nuts	Check for flaws, cracks, wear or loosening.	
Machine body	3	Safety cover	1) Check for flaws, cracks or loosening. 2) Confirm that safety cover is placed in contact with gearcase.	
	4	Gearcase	Confirm that there is no loosened bolts.	
	5	Blade tightening washer	Confirm that there is no wear or warp in tightening washer or support washer.	
	6	Blade tightening nut	Confirm that blade tightening nut is fastened securely.	
	7	Blade	1) Confirm that genuine Robin blade is fitted. 2) Confirm that blade is well sharpened or set well. 3) Confirm that there is no crack or flaw on blade.	
	8	Handle	Confirm that handle – fixing bolts are tightened securely.	
Engine	9	Throttle lever	1) Does throttle lever work regularly? 2) Can engine rpm be adjusted between low high speeds?	
	10	Stop switch	Does engine stop securely?	
	11	Muffler, muffler cover	1) Clean carbon from muffler. 2) Check muffler cover for damage or loosening.	
	12	Holder case	Confirm that holder case – tightening screws are not loosened.	

DESCRIPTION



SPECIFICATIONS

MODEL	BE26	CLUTCH:	Centrifugal
ENGINE TYPE:	ROBIN	FUEL TANK:	0.8 Liter
DISPLACEMENT :	ECO2F 25.6cc (1.56cu In)	SPARK PLUG:	NGK — BM7A
OPERATIVE RPM:	6000 RPM	SPARK PLUG CAP:	0.6~0.7MM(.024" ~.028")
STARTER:	Auto Rewind	LUBRICATION:	Fuel — Oil mix Between 20 and 25 to 1
CARBURETOR:	All Position — Diaphragm Type	NOTICE:	For the first twenty hours, use the mixing ratio of between 15 and 20 to 1

NOTICE: The specification is subject to change without notice for the purpose of improvement of the product.

ASSEMBLY INSTRUCTIONS

1. The engine is completely assembled and needs no further assembly other than attaching the pipe shaft.
2. Using the bolts provided, fit pipe shaft to engine. Figure 1.

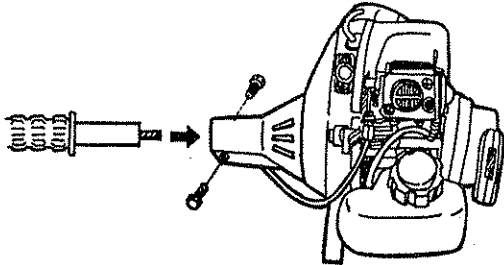


Figure 1

3. Pass the throttle wire grip hole.
4. Set the throttle wire to the throttle shaft through the adjusting screw of the carburetor. Figure 2. ACTION OF THROTTLE LEVER, IT SHOULD MOVE FREELY IN BOTH DIRECTIONS.

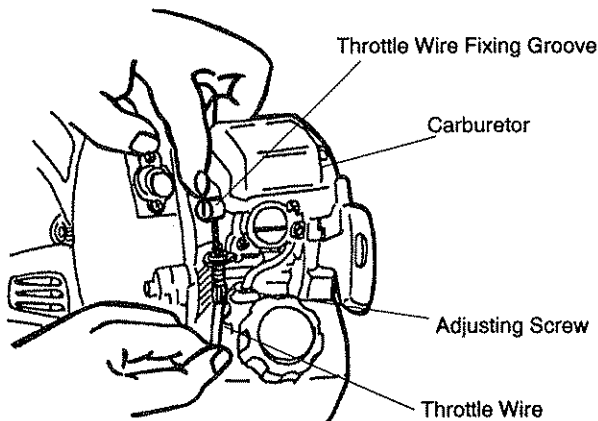


Figure 2

5. After the loop handle is in place, tighten the four bolts. Figure 3. BE SURE THE BOLTS ARE TIGHT, BUT DO NOT OVERTIGHTEN.

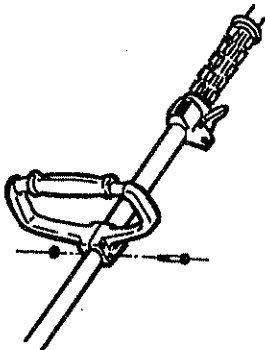


Figure 3

6. Set the blade in regular order as illustrated.
7. Install receive washer to shaft with large side toward blade. Then, install blade, clamp washer, spring washer and nut. Lastly, be sure to install blade by split pin. Figure 4.

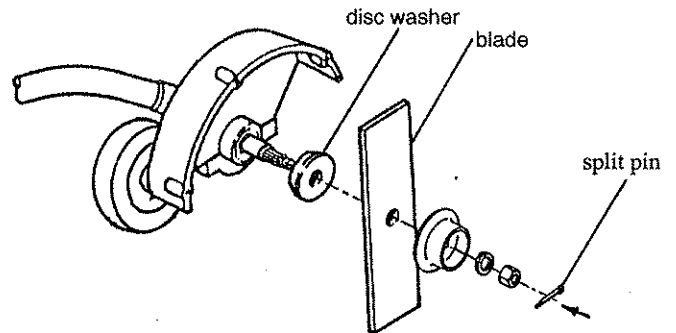


Figure 4

NOTE: NUT IS LEFT HAND THREAD. Figure 5.

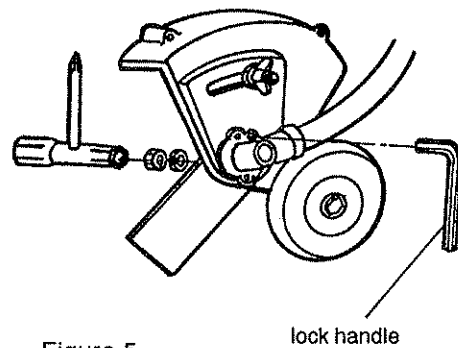


Figure 5

8. Install new split pin to drive shaft. NOTE: NEVER REUSE OLD SPLIT PIN.

PREPARING FOR OPERATION

Fuel and oil mixture

Inspect the fuel tank and fill with clean, fresh fuel of the proper mixture. This engine requires a mixture of gasoline of between 20 and 25 parts gasoline to 1 part oil (1 gal. gasoline to 6 oz. oil) of regular leaded gasoline. For the first twenty hours, use the mixing ratio of between 15 and 20 to 1.

WARNING!WARNING!WARNING!

WHEN MIXING GASOLINE WITH TWO CYCLE ENGINE OIL, USE ONLY GASOLINE WHICH CONTAINS NO ETHANOL OR METHANOL (TYPES OF ALCOHOL), THIS WILL HELP TO AVOID POSSIBLE DAMAGE TO ENGINE FUEL LINES AND OTHER ENGINE PARTS. DO NOT MIX GASOLINE AND OIL DIRECTLY IN THE ENGINE FUEL TANK.

IMPORTANT: Failure to follow proper fuel mix instructions could result in serious damage to the engine.

CAUTION:

When preparing fuel mixture, mix only the amount needed for the job you are to do. Do not use fuel, mixture that has been stored longer than two (2) months. Fuel mixture stored longer than this will cause hard starting and poor performance. If mix has been stored longer than this time it should be removed and filled with a fresh mixture.

CAUTION! NEVER fill the fuel tank to the inlet port level.
NEVER add fuel the tank in a closed un-ventilated area.
DO NOT add fuel to this unit close to an open fire or sparks.
BE SURE to wipe off spilled fuel before attempting to start the engine.
DO NOT attempt to refuel an extremely hot engine.

Check points before operation

CHECK for loose bolts, nuts and fittings.
CHECK the air cleaner for dirt. Clean the air filter of all dirt, etc. before the operation.

OPERATING TECHNIQUES

- Before edging, water the area to soften the ground and make edging easier.
- Before edging, check the area and remove all obstacles and objects that could be thrown.
- Plan to edge regularly to make it easier to keep a neat edge and to avoid having to make more than one pass.

NOTE

Blade depth may have to be adjusted due to differences in height between the hard surface and the top of the grass.

- Adjust the blade's depth of cut to produce a fine cut between sidewalk and grass using a minimum blade depth, usually with about $\frac{1}{2}$ " of the blade into the ground.

NOTE

The blades' depth of cut is adjusted by moving the blade guard.

- Adjust blades' depth of cut by loosening the wing Bolt, moving the guard toward the operator to reduce depth or away from the operator to increase depth, and then retightening the Bolt. Figure 6.

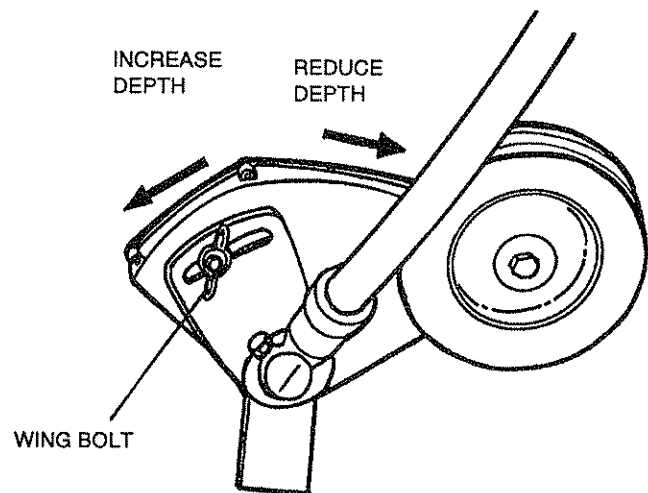


Figure 6

- When starting to edge, run the engine at full throttle, and lower the blade gently into the ground, being careful not to hit the concrete with the blade.
- Don't force the blade rotate more than the normal rotation.

Figure 7.

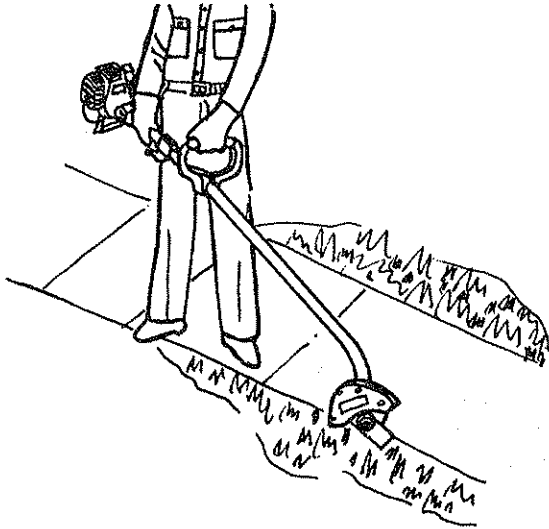


Figure 7

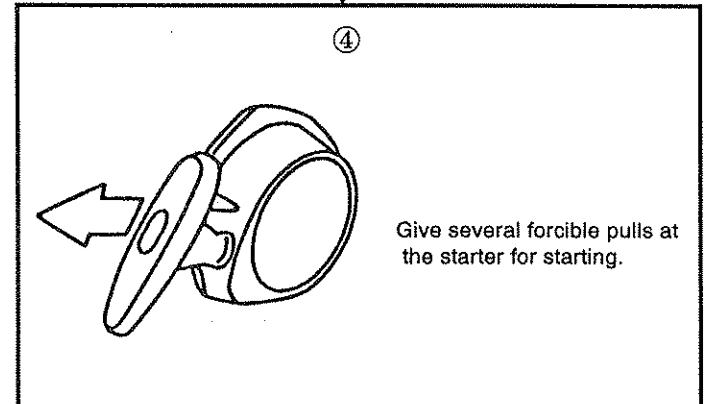
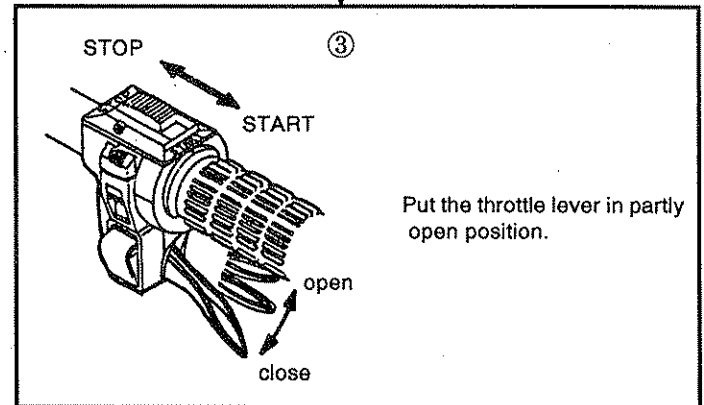
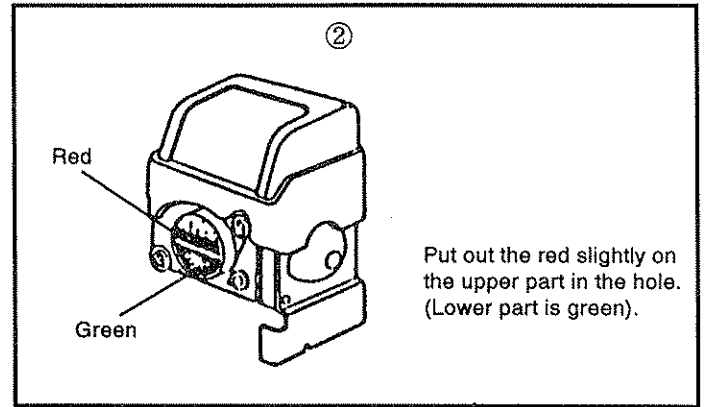
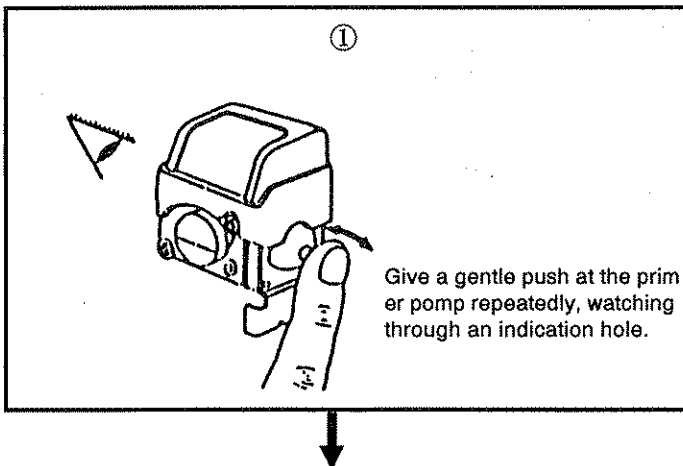
ENGINE STARTING PROCEDURE METHOD OF STARTING THE ENGINE

• After placing machine horizontally on the ground, put the throttle lever in fully close position.

• When the engine is cold; → ① ② ③ ④

• When the engine is warm; → ④

*Note; When the red is put out even a little on the upper part in the hole, do not push the pump any more.



STOPPING ENGINE

1. Release throttle trigger and allow engine to idle.
2. Slide ignition switch to STOP position.
 - Pull the recoil starter briskly.
 - CAUTION; Gradually return the throttle lever... DO NOT LET IT SNAP BACK! Pull the rope in the direction of the starter rotation. DO NOT pull the starter rope all the way out of the drum.
 - Let the engine warm up running it at a low rpm (slow speed) for approximately two or three minutes.

NOTE: DO NOT HAVE THE ENGINE UNDER LOAD DURING THE WARM - UP PERIOD.

CAUTION:

NEVER OPERATE THE ENGINE AT HIGH RPM WITHOUT LOAD. With throttle fully opened and no load, the engine rpm will be very high which can have an adverse effect on the life of the engine.

Adjustments

SPARK PLUG MAINTENANCE - If the spark plug electrode area has an excess of carbon buildup, the efficiency of the plug will be seriously reduced. REMOVE THE CARBON WITH A SPARK PLUG CLEANER OR WIRE BRUSH.

After cleaning the spark plug RESET THE ELECTRODE GAP TO 0.6/0.7MM (0.24" - 0.28").

Carburetor

Proper adjustment of the carburetor is very important to the operation of this engine. The carburetor has been carefully adjusted at the factory and therefore should not require any further adjustment.

Proventative Maintenance Check List and Storage Tips

Be sure the engine and all other parts are clean. Check all nuts, bolts, screws etc. making sure they are tightened and secured as they should be. Inspect carefully for any fuel or oil leaks. Check the air cleaner assembly for excessive dust or dirt. If the filter requires cleaning, use the following procedure: Remove the filter and wash in soap and water or blow off with compressed air. DO NOT clean filter in gasoline or other flammable solvent.

Cleaning Of Cooling Air Line

- Before operation, be sure to check. the clogging of the cooling air inlet, the space between fuel tank and crankcase and cylinder fin, and clean them, if necessary.
- Remove the fan cover periodically to clear its inside of dust and other foreign matter.
- If the engine runs with dust clogged, engine cooling will deteriorates, resulting in malfunction of the engine.

Tips for Long Storage

Drain all fuel from the fuel tank and carburetor. Remove spark plug, pour a teaspoon of oil through the plug hole. Rotate the crankshaft several times by polling the starter handle slowly. Replace the spark plug and proceed with storage.

Emergency measure during operation

In case of emergency, the machine will be detached from the body.

LUBRICATION

The engine is self lubricating through the fuel mix and therefore dose not need additional attention to its lubrication.

However the gear box does require lubrication as a preventative maintenance measure.

Every 30 hours remove bolt from side of gear box and fill with grease. Figure 8

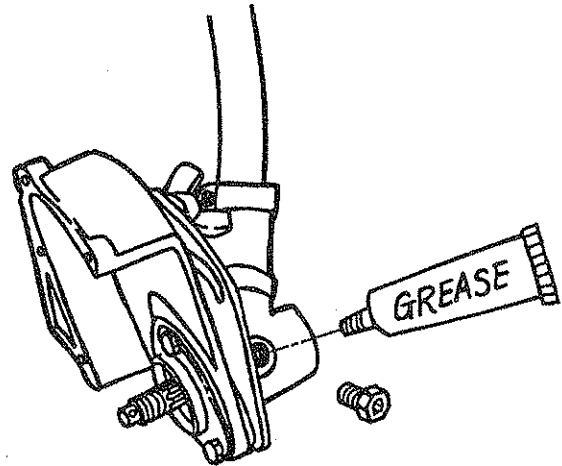


Figure 8

FLEXIBLE SHAFT

After every 30 hours operation replace Grease with new Grease.

LIMITED TWO YEAR WARRANTY

Carswell Import & Marketing Associates, Inc. (hereafter CIMA), sales agent for Fuji Robin Industries, Ltd. warrants each new Robin brush cutter for twenty-four (24) months according to the following terms.

This warranty extends to the original retail purchaser only and commences on the date of original retail purchase.

Any part of Robin edger supplied by CIMA and found in the reasonable judgment of an Authorized Robin Service Center to be defective in material or workmanship will be repaired by an Authorized Robin Service Dealer without charge for parts and labor.

The Robin edger including any defective part must returned to an Authorized Robin Service Dealer within the warranty period. The expense of delivering the Robin edger to the dealer for warranty work and the expense of returning it back to the owner after repair or replacement will be paid for by the owner.

CIMA's responsibility in respect to claims is limited to making the required repairs or replacements and no claim of breach of warranty shall be cause for cancellation or rescission of the contract of sale of any Robin edger. Proof of purchase will be required by the dealer to substantiate any warranty claim. All warranty work should be performed by an Authorized Robin Service Dealer.

This warranty is limited to ninety (90) days from the date of original retail purchase for any Robin edger that is used for rental or commercial purposes, or any other income - producing purpose.

This warranty does not cover any Robin edger that has been subject to misuse, neglect, negligence, or accident, or that has been operated in any way contrary to the operating instructions as specified in the Robin edger that is the result of improper maintenance or to any Robin edger or parts that have not been assembled or installed as specified in the Robin Operator's Manual. The warranty does not cover any Robin edger that has been altered or modified so as to adversely affect the product's operation, performance or durability or that has been altered or modified so as to change its intended use. In addition, the warranty does not extend to repairs made necessary by normal wear or by the use of parts or accessories which are either incompatible with the Robin edger or adversely affect its operation, performance or durability.

Robin reserves the right to change or improve the design of any Robin edger without assuming any obligation to modify any edger previously manufactured.

ALL IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE TWENTY-FOUR (24) MONTHS WARRANTY PERIOD OR NINETY (90) DAYS FOR EDGER USED FOR ANY INCOME - PRODUCING PURPOSE. ACCORDINGLY, ANY SUCH IMPLIED WARRANTIES INCLUDING MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHERWISE, ARE DISCLAIMED IN THEIR ENTIRETY AFTER THE EXPIRATION OF THE APPROPRIATE TWENTY-FOUR (24) MONTHS OR NINETY (90) DAYS WARRANTY PERIOD.

CIMA'S OBLIGATION UNDER THIS WARRANTY, IS STRICTLY AND EXCLUSIVELY LIMITED TO THE REPAIR OR REPLACEMENT OF DEFECTIVE PARTS, AND CIMA DOES NOT ASSUME OR AUTHORIZE ANONE TO ASSUME FOR THEM ANY OTHER OBLIGATION. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

CIMA ASSUMES NO RESPONSIBILITY FOR INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO, EXPENSE FOR GASOLINE, EXPENSE OF RETURNING THE ROBIN EDGER TO AUTHORIZED SERVICE DEALER AND EXPENSE OF DELIVERING IT BACK TO THE OWNER, MECHANIC'S TRAVEL TIME, TELEPHONE OR TELEGRAM CHARGES, RENTAL OF A LIKE PRODUCT DURING THE TIME WARRANTY SERVICE IS BEING PERFORMED, TRAVEL, LOSS OR DAMAGE TO PERSONAL PROPERTY, LOSS OF REVENUE, LOSS OF THE EDGER LOSS OF TIME, OR INCONVENIENCE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

This warranty applies to Robin edger sold by CIMA in the United States. To validate this warranty original purchaser must complete the attached Warranty Registration Form and return it within ten (10) days of purchase.

CARSWELL IMPORT
AND MARKETING ASSOCIATES, INC.
WINSTON - SALEM, NORTH CAROLINA 27115

Fuji Robin Industries, Ltd.
Shibuya-ku, Tokyo, Japan

WARRANTY SERVICE

Warranty service can be performed by an Authorized Robin Service Dealer regardless of whether the consumer purchased the Robin product originally from that dealer. However, we recommend you first contact the original dealer who sold you the product. Remember, it is your responsibility to deliver your Robin product along with proof of purchase to the dealer within the warranty period, and all work must be performed by an Authorized Robin Service Dealer.

Example of Parts and Service not covered by Warranty

Normal service requirements occurring during the warranty period such as carburetor or ignition adjustment.

Normal service over and above repair or replacement of defective parts.

Repair or maintenance service due to normal wear, improper maintenance, misuse, neglect, negligence, accident, also alternations or modifications which adversely affect product's performance, durability, or change their intended use.

Repairs or maintenance made necessary due to use of parts or accessories which are not compatible with Robin products or adversely affect its operation, performance, or durability.

Products not operated or maintained in accordance with the Instruction Manual.

Normal cleaning, lubrication, adjustments, or replacement of such items as spark plugs, filters, ignition points, etc.

Expense of delivering the product to an Authorized Service Dealer or of returning such products, or mechanics travel time, or cost of any rental of a like product during the period warranty service is being performed.

Warranty applies only to original retail purchaser.

Owner's Obligation and Responsibility —

It is the responsibility of the owner to provide for normal maintenance service and replacement of service items and to maintain all components in proper adjustment. These are not considered defects in material or workmanship. Individual operation and application determine the need for normal maintenance service.

Robin Warranty Registration

Owner's Name _____

Address _____

City State Zip

Dealer's Name _____

Address _____

City State Zip

Date of Purchase _____

Model No. _____ Serial No. _____

This Registration Form must be completed and returned within ten (10) days of purchase.

(Detach and Mail)

From _____

PLACE
STAMP
HERE

CMA CARSWELL IMPORT &
MARKETING ASSOCIATES, INC.
P.O. Box 4169, Winston-Salem, N.C. 27115



FUJI ROBIN INDUSTRIES LTD.