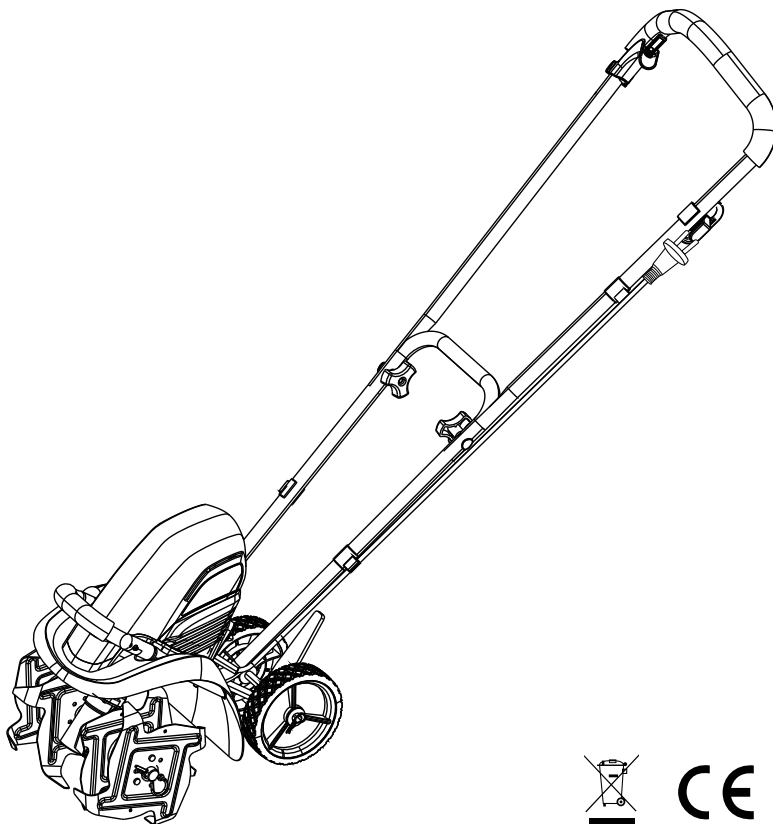


RYOBI®

RCP1000

ELECTRIC CULTIVATOR

OPERATOR'S MANUAL (Original Instructions)



CE



Important!

It is essential that you read the instructions in this manual before assembling, maintaining and operating this machine.

GENERAL SAFETY RULES

Your cultivator has been engineered and manufactured to Ryobi's high standard for dependability, ease of operation, and operator safety. When properly cared for, it will give you years of rugged, trouble-free performance.

Thank you for buying a Ryobi product.



WARNING:

READ AND UNDERSTAND ALL INSTRUCTIONS.

Failure to follow all instructions listed below, may result in electric shock, fire and/or serious personal injury.



WARNING:

This appliance is not intended for use by persons (including children) with reduced physical sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

INTENDED USE

The electric cultivator is intended for digging up of soil in an open garden area, maximum working depth 19.5 cm. This product is not intended for commercial use.

Do not use it for any task other than those specified in the chapter "INTENDED USE"

RESIDUAL RISKS

Even when following the intended usage of the appliance there are always residual risks which cannot be prevented. The following hazards might apply:

- Contact with the cultivator blade (Risk of cutting)
- Unforeseen movement of the cultivator (getting caught in roots, etc)
- Slinging of broken stones, clay, etc.
- Injury to hearing if no adequate hearing protection is taken



WARNING:

When using electric gardening appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury.



WARNING:

When using the unit, you must follow the safety rules. Please read these instructions before operating the unit in order to ensure the safety of the operator and any bystanders. Please keep these instructions for later use.

- Read, understand, and follow all instructions on the machine and in the manual(s) before attempting to assemble and operate. Be thoroughly familiar with the controls and the proper use of the cultivator. Keep this manual in a safe place for future and regular reference and for ordering replacement parts.
- Be familiar with all control and their proper operation. Know how to stop the machine and disengage tines quickly.
- Never allow children under 14 years old to operate this machine. Children 14 years old and over should read and understand the operation instructions and safety rules in this manual and should be trained and supervised by a parent.

- Never allow adults to operate this machine without proper instruction.
- Keep bystanders, helpers, pets and children at least 15 meters from the machine and extension cord while it is operation. Stop machine is anyone enters the area.

Before operation

- The appliance must be assembled correctly before use.
- The appliance should be checked carefully before use. You should only work with an appliance that is in good condition. If you notice any defect on the machine that may cause danger to the operator, do not operate the appliance until defects are rectified.
- Replace worn or damaged parts for safety. Use only original spare parts. Parts not produced by manufacturer may cause poor fit and possible injury.
- Before use, all foreign bodies must be removed from the lawn, also pay attention to foreign bodies during the operation.
- Only work in daylight or sufficiently good artificial light.
- Wear eye protection and face or dust mask if operating in dusty conditions.
- Dress properly. Wear the following clothing while using the application:
 - Use of rubber gloves and substantial footwear is recommended.
 - Wear protective hair covering to contain long hair.
 - Avoid wearing loose clothing or jewelry that could get caught in the rotating tines.

Proper use

- User is responsible for third parties while working with the appliance.
- People not acquainted with the operating instructions, children, juveniles who have not yet reached the minimum age for using this appliance, and people under the influence of alcohol, drugs or medication are not allowed to use the appliance.
- Only use the appliance for its designed purposes.
- Keep children and pets away. All onlookers should be kept a safe distance away from the appliance when it is in use.
- Make sure that all the protective devices are fitted and in good condition.
- Do not operate the application near underground electric cables, telephone lines, pipes or hoses.
- Before inserting the plug in the mains socket, make sure that the socket ratings are correct and correspond to those indicated on the rating label on the appliance.
- The use of the appliance is only permitted if the safety distance provided by the guide bar is complied with.
- Do not operate the application on a slope that is too steep for safe operation. When on slopes, slow down and make sure you have good footing.
- Before starting the application, make sure tines are not touching foreign objects and must be completely free to move.
- Grip guide bar firmly with both hands. Never operate the application with one hand.
- Be aware that the product may unexpectedly bounce upward or jump forward if the tines should strike extremely hard, packed soil, frozen ground, or buried obstacles such as large stones, roots or stumps.

GENERAL SAFETY RULES

- Do not put hands, feet or any body part or clothing in the vicinity of rotating tines. Caution! Risk of injury!
- Only guide the appliance at walking pace. Do not over reach. Maintain proper footing and balance at all times.
- Be aware of extension cord while operation. Be careful not to trip over cord. Always guide the cord away from tines at all times.
- If the appliance strikes a foreign body, examine the application for signs of damage and carry out any necessary repairs before restarting and continuing to work.
- If the appliance should start to vibrate abnormally, switch off the motor and check for the cause immediately. Vibration is generally a warning of trouble.
- Holding the guide bar and lift the application to move it from one place to another.
- Always switch off the appliance, disconnect the plug and wait until the application stops before carrying out maintenance or cleaning work.



CAUTION:

Tines do not stop immediately after switching off.

- Use caution when cleaning or performing maintenance on the appliance.



DANGER:

Watch your fingers!
Wear gloves!

- It is forbidden to move or modify any of the electrical and mechanical safety devices.

Training

- Read the instructions carefully. Be familiar with the controls and the proper use of the equipment.
- Never allow children or people unfamiliar with these instructions to use the machine. Local regulations can restrict the age of the operator.
- Never work while people, especially children, or pets are nearby.
- Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.




Preparation

- While working, always wear substantial footwear and long trousers. Do not operate the equipment when barefoot or wearing open sandals. Use of rubber gloves is recommended when working outdoors. Wear protective hair covering to contain long hair.
- Thoroughly inspect the area where the equipment is to be used and remove all objects which can be thrown up by the machine.
- Before using, always visually inspect to see that the tools are not worn out or damaged. Replace worn out or damaged elements and bolts in sets to preserve balance.
- Work only in daylight or in good artificial light.
- Always be sure of your footing on slopes.
- Walk, never run with the machine.
- For wheeled rotary machines, work across the slopes, never up and down.
- Exercise extreme caution when reversing or pulling the machine towards you.
- Start the engine carefully according to manufacturer instructions and with feet well away from the tool(s).
- Do not put your hands or feet near or under rotating parts.
- Never pick up or carry a machine while the motor is running.
- Whenever you leave the machine, turn off the machine, unplug the power cord.
- Do not operate cultivator near underground electric cables, telephone lines, pipes, or hoses.
- Avoid Dangerous Environments. Do not operate cultivator
 - While under the influence of alcohol, medication, or drugs.
 - In rain or in damp or wet areas.
 - Where highly flammable liquids or gases are present.
 - If cultivator is damaged, or not fully and securely assembled.
- Wear safety glasses or goggles when operating this unit. Wear a face or dust mask if the operation is dusty. Such protective equipment is available from your authorized service dealer or retailer.









English (Original Instructions)

SYMBOLS

The following signal words and meanings are intended to explain the levels of risk associated with this product.

SYMBOL	SIGNAL	MEANING
	DANGER:	Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.
	WARNING:	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.
	CAUTION:	Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.
	CAUTION:	(Without Safety Alert Symbol) Indicates a situation that may result in property damage.

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.

SYMBOL	NAME	DESIGNATION / EXPLANATION
V	Volts	Voltage
A	Amperes	Current
Hz	Hertz	Frequency (cycles per second)
W	Watt	Power
min	Minutes	Time
n_0	No Load Speed	Rotational speed, at no load
	Class II Construction	Double-insulated construction
.../min	Per Minute	Revolutions, strokes, surface speed, orbits etc., per minute
	Wet Conditions Alert	Do not expose to rain or use in damp locations.
	Read The Operator's Manual	To reduce the risk of injury, user must read and understand operator's manual before using this product.
	Eyes Protection	Always wear safety goggles or safety glasses with side shields and, as necessary, a full face shield when operating this product.
	Ears Protection	Always wear ears protection when operating this product.
	Keep Bystanders Away	Keep all bystanders at least 50 ft. away.
	Cutting Hazard	Keep feet and hands away from rotating tines
	Electric Shock Precaution	Remove plug from the mains immediately if cable is damaged or cut.

SYMBOLS

SERVICE

Servicing requires extreme care and knowledge and should be performed only by a qualified service technician. For service we suggest you return the product to your nearest **AUTHORIZED SERVICE CENTER** for repair. When servicing, use only identical replacement parts.



WARNING:

To avoid serious personal injury, do not attempt to use this product until you read thoroughly and understand completely the operator's manual. If you do not understand the warnings and instructions in the operator's manual, do not use this product. Call Ryobi customer service for assistance.



WARNING:

The operation of any cultivator can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning cultivator operation, always wear safety goggles or safety glasses with side shields and, when needed, a full face shield. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields.



SAVE THESE INSTRUCTIONS

ELECTRICAL

ELECTRICAL SAFETY

- The mains voltage must correspond to the one marked on the technical data plate (220-230V~50Hz). Do not use other sources of power.
- The use of a safety circuit-breaker is recommended for the power supply line for an intervention range of 10 to 30 rated mA. Consult a reliable electrician.
- Never pass the appliance over the extension cable that the application is working, as this could cut the cable. Mark sure you always know where the cable is.
- Use the special cable holder for the connection of the extension cable.
- Never use the appliance when it is raining. Try to prevent it from getting wet or being exposed to humidity. Do not leave it outside overnight. Do not cut damp or wet grass.
- The power supply cable should be checked regularly and before using it each time, make sure the cable is not damaged or old out. If the cable is not in good condition, do not use the appliance; take it to an authorized service center instead.
- Only use an extension cable that is suitable for outdoor work. Keep it away from the cutting area, from damp, wet or oily surfaces or with sharp edges and away from heat and fuels.
- Use only connection or extension cord with a maximum length of 15m and a minimum cable diameter of 0.75 mm ².

If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.

EXTENSION CORDS

When using a cultivator at a considerable distance from the power source, use an extension cord heavy enough to carry the current that the tool will draw. An undersized extension cord will cause a drop in line voltage, resulting in a loss of power and causing the motor to overheat.

Before using an extension cord, inspect it for loose or exposed wires and cut or worn insulation.



WARNING:

Keep the extension cord clear of the tines and working area. Position the cord so that it will not get caught on lumber, tools or other obstructions while you are working with a cultivator. Failure to do so can result in serious personal injury.



WARNING:

Check extension cords before each use. If damaged replace immediately. Never use tool with a damaged cord since touching the damaged area could cause electrical shock resulting in serious injury.

FEATURES

PRODUCT SPECIFICATIONS

Rated power	1020 W
Rated voltage	220-240V ~ 50Hz
No load speed	340 /min
Vibration	2.3m/s ² , k=1.5 m/s ²
Sound pressure level	LpA:80dB(A) KpA:2dB(A)
Guaranteed sound power level	93dB(A)
Weight (without cord)	13.8 kg
Protection degree	IPX4

KNOW YOUR CULTIVATOR

See Figure 2

The safe use of this product requires an understanding of the information on the tool and in this operator's manual as well as a knowledge of the project you are attempting. Before use of this product, familiarize yourself with all operating features and safety rules.

SWITCH LOCK-OUT

The switch lock-out prevents accidental starting of the cultivator.

SWITCH TRIGGER

The switch trigger starts and stops the rotation of the tines.

DESCRIPTION

See Fig.1 to Fig.13 for these parts.

- | | |
|------------------------------|----------------------|
| 1. Outer tine | 15. Button |
| 2. Inner tine | 16. Frame |
| 3. Adjustment knob | 17. Washer |
| 4. Wheel/drag stake assembly | 18. Axle |
| 5. Plug connector | 19. Bracket |
| 6. Switch trigger | 20. Felt washer |
| 7. Switch lock-out | 21. Flat edge |
| 8. Wheel | 22. Angled edge |
| 9. Hitch pin | 23. Gear box |
| 10. Tine shield | 24. Tine shaft |
| 11. Cord retainer rings | 25. Extension cord |
| 12. Handlebar | 26. Deep position |
| 13. Handlebar knobs | 27. Shallow position |
| 14. Front handle | |

ASSEMBLY

UNPACKING

This product requires assembly.

- Carefully remove the tool and any accessories from the box. Make sure that all items listed in the packing list are included.



WARNING:

This new product has been shipped in a partially assembled condition as described below. Carefully check the packing list below to ensure all items are included in the package; the packing list describes all loose items that are not assembled to the product as shipped. Do not operate the product if any packing list items are already assembled to your product when you unpack it. Call the customer service number below for assistance. Operation of a product that may have been improperly preassembled could result in serious personal injury.

PACKING LIST

Cultivator	Wheels (2)
Drag stake	Wheel Washers (2)
Adjustment Knob	Wheel Hitch Pins (2)
Hitch Pins (2)	Front Handle
Felt Washers (2)	Handlebar Bolts (2)
Inner Tines (2)	Knobs (2)
Outer Tines (2)	Operator's Manual

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- Inspect the tool carefully to make sure no breakage or damage occurred during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the tool.
- If any parts are damaged or missing, please call RYOBI customer service for assistance.



WARNING:

If any parts are damaged or missing do not operate this tool until the parts are replaced. Failure to heed this warning could result in serious personal injury.



WARNING:

Do not attempt to modify this tool or create accessories not recommended for use with this tool. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.



WARNING:

Do not connect to power supply until assembly is complete. Failure to comply could result in accidental starting and possible serious personal injury.

ASSEMBLING THE HANDLE BAR

See Figure 3

- Loosen the two handlebar knobs.
- Unfold the handlebar into operating position.
 - NOTE:** Do not use force. If there is binding, continue to loosen the knobs. Do not allow the switch cable to become pinched when raising the handlebar.
- Retighten the handlebar knobs.

INSTALLING THE FRONT HANDLE

See Figure 4

- Position the front handle as shown.
- Depress the buttons on the handle and insert into the frame. Press down on the handle until the button on the handle clicks into place.

ASSEMBLING THE WHEEL / DRAG STAKE ASSEMBLY

See Figure 5

- Locate the axles, hitch pins, washers and wheels.
- Slide the wheel onto the axle.
- Place a washer on the outside of the wheel and slide to rest against the wheel.
- Push the hitch pin into the hole on the end of the axle to secure the wheel / drag stake assembly.
 - NOTE:** The hitch pin should be pushed into the axle until the center of the pin rests on top of the axle.
- Repeat with the second wheel.

INSTALLING THE WHEEL / DRAG STAKE ASSEMBLY

See Figure 6

Use the wheel / drag stake assembly to transport the unit to and from the work area or when cultivating.

To install:

- Remove the adjustment knob located at the back of the tine shield.
- Insert the wheel / drag stake assembly into the bracket at the back of the tine shield. To place the wheels in a high position, insert the knob in the first hole. For a lower wheel position, insert the knob in the second or third hole.
- Insert adjustment knob through holes in bracket, passing through desired hole in wheel / drag stake assembly, to secure wheel / drag stake assembly at desired height.
- Thread the adjustment knob into the nut and tighten, to secure wheel / drag stake assembly.

INSTALLING THE TINES

See Figure 7

The cultivator has four tines —two inner tines stamped B and C, and two outer tines stamped A and D. For correct operation of the unit, the tines must be installed in the correct orientation.

NOTE: The view of the gearbox for tine installation is from the front of the cultivator.

- Lean the unit back on its wheels so that the handlebar rests on the ground.

OPERATION

- Place tine C on the tine shaft to the left of the gear box. The stamped side of the tine should face away from the gear box.
- Place tine B on the tine shaft to the right of the gear box. The stamped side of the tine should face away from the gear box.
- Place a felt washer on each side of the tine shaft, and slide to rest against the inner tines.
- Place the outer tine stamped D on the left side of the tine shaft. The stamped side should face in toward tine C.
- Place the outer tine stamped A on the right side of the tine shaft. The stamped side should face in toward tine B.

NOTE: The unit will not operate properly if the tines are installed incorrectly. If you notice a problem with the cultivating operation of the unit, check for proper tine positioning.



WARNING:

Do not allow familiarity with tools to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.



WARNING:

Always wear safety goggles or safety glasses with side shields when operating tools. Failure to do so could result in objects being thrown into your eyes, resulting in possible serious injury.



WARNING:

Do not use any attachments or accessories not recommended by the manufacturer of this tool. The use of attachments or accessories not recommended can result in serious personal injury.



WARNING:

Do not allow hands, feet, or any other part of the body or clothing near the rotating tines or any other moving part. The tines begin to rotate forward once the switch trigger is depressed. The tines continue to rotate until the switch trigger is released. Failure to avoid contact could cause serious personal injury.

APPLICATIONS

- Breaking up garden soil to prepare seed bed for planting.
- Shallow cultivating to remove weeds

STARTING / STOPPING THE CULTIVATOR

See Figure 8 - 9

- Route an approved outdoor extension cord through the upper extension cord retainer ring.
- Tie extension cord to plug connector, see figure 1.
- Plug the cultivator into the extension cord.
- Stand behind the unit with the tines on the ground and the work area clean and free of obstructions.
- Depress the switch lock-out.
- Pull the switch trigger toward the handlebar to begin tine rotation.
- To stop the cultivator, release the switch trigger.

PREPARING THE SEED BED

See Figure 10 - 12

The cultivator can be used to break up garden soil and prepare a seedbed for planting. Plan ahead to leave enough room between the seed rows to allow for machine cultivating after the plants have grown.

- With the wheel / drag stake assembly installed in position A roll the machine to the work area.
 - For general cultivating, remove or adjust the wheel / drag stake assembly using the guidelines in **Adjusting Wheel Position**.
 - The wheel / drag stake assembly has three installation positions to choose from. Based on the type of soil being cultivated and soil conditions at the time, the appropriate height of the wheel/ drag stake assembly will vary. Adjust the wheel / drag stake assembly position using the guidelines in **Adjusting cultivator speed and depth**.
 - Route an approved outdoor extension cord through the upper extension cord retainer ring.
 - Tie extension cord to plug connector, see figure 1.
 - Plug the cultivator into the extension cord.
 - Stand behind the unit with the tines on the ground and the work area clean and free of obstructions.
 - Depress the switch lock-out.
 - Pull the switch trigger toward the handlebar to begin tine rotation.
- NOTE:** If the machine moves forward too quickly and wheels are in position A or B with wheel / drag stake assembly installed, push down on the handlebar to allow the tines and/or wheel / drag stake assembly to penetrate the soil and slow the forward motion of the unit. The rotating tines help to pull the machine forward, so use slower speeds and a shallow depth setting when learning to use the unit and when cultivating on rough or uneven ground.

NOTE: Several passes over the same path may be required to reach the desired depth. Do not try to dig too deeply in the first pass. If the machine jumps or bucks, allow the unit to move forward at a slightly faster rate or install wheel / drag stake assembly.

To dig more deeply, lift up on the handlebar. Apply downward pressure on the handlebar for more shallow cultivating.

If the machine stays and digs in one spot, try rocking the unit from side to side to start it moving forward again.

If the soil is very hard, water a few days before cultivating.

Avoid working the soil when soggy or wet. Wait a day or two after heavy rain for the ground to dry.

GENERAL CULTIVATING

See Figure 11

Shallow cultivating less than 2 in. deep can be used to disrupt weeds and aerate soil, without injuring nearby plant roots. It should be done often so that weeds do not grow large and cause tangling in the tines of the unit.

The two outer tine blades can be removed from the unit to allow a more narrow cultivating width.

To remove the two outer tines:

- Unplug the cultivator.
- Remove the hitch pins from the holes on the ends of the tine shaft.
- Remove the outside tine blades and felt washers from the tine shaft.
- Place hitch pins in the holes that were uncovered when felt washers were removed.

ADJUSTMENTS

NOTE: The unit will not operate properly if the tines are installed incorrectly. If you notice a problem with the cultivating operation of the unit, check for proper tine positioning.



WARNING:

To prevent accidental starting that could cause serious personal injury, always disconnect the cultivator from any power source when making adjustments.

ADJUSTING WHEEL POSITION

See Figure 12

The wheel position of the unit is adjustable.

- Install the wheel / drag stake assembly in position A to transport the cultivator to and from the work area.
- For general cultivating, remove the wheel / drag stake assembly to allow deep penetration of the tine blades into the cultivating surface.
- The wheel / drag stake assembly may be installed in position B to allow use of the drag stake during cultivating.

TRANSPORT



CAUTION!

Before transporting the application, switch off the motor.

The tines and the unit maybe damaged even if you move the application with the motor switched off, e.g. over solid ground. Prevent the tines from touching the ground by carrying out the application by its guide bar.

CLEARING TINES OF FOREIGN OBJECTS

During operation, a stone or root could become lodged in the tines, or tall grass or weeds may become wrapped around the tine shaft.

To clear the tines, release the trigger lever. Unplug the tiller, and dislodge or remove any obstacles from the tines or tine shaft.

To ease removal of tall grass or weeds that are wrapped around the tine shaft, remove one or more of the tines from the tine shaft. See Tine Removal and Installation in the manual.

ADJUSTING CULTIVATOR SPEED AND DEPTH

See Figure 13

The wheel / drag stake assembly may be used to help control the cultivator's speed and depth of operation.

To adjust the height of the wheel / drag stake assembly:

- Unscrew the adjustment knob and remove.
- Adjust the wheel / drag stake assembly to the desired position.
- To place the wheel / drag stake assembly in a deep position, insert the knob through the first hole. For a shallow position, insert the knob through the second or third hole.
- Replace the adjustment knob. Tighten securely

MAINTENANCE



WARNING:

When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage.



WARNING:

Always wear safety goggles or safety glasses with side shields during cultivator operation or when blowing dust. If operation is dusty, also wear a dust mask.



WARNING:

Before inspecting, cleaning or servicing the machine, unplug the power cord and wait for all moving parts to stop. Failure to follow these instructions can result in serious personal injury or property damage.

GENERAL MAINTENANCE

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, dust, oil, grease, etc.



WARNING:

Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc., come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

Only the parts shown on the parts list are intended to be repaired or replaced by the customer. All other parts should be replaced at an Authorized Service Center.

STORING THE CULTIVATOR

The following steps should be taken before storing the cultivator for the season.

- Clean dirt, grass, and other materials from the entire unit.
- Wipe the tines with oil or spray them with silicone lubricant to prevent rusting.
- Oil the switch trigger cable and all visible moving parts. Do not remove the motor cover.
- Order new parts to replace any that are badly worn or broken.
- Store in an upright position in a clean, dry place. Store with the handles in the extended position, or loosen handle knobs and fold handles down. Do not allow switch trigger cable to become pinched when lowering the handlebar.
- Store in a dry and clean place and out of reach of children.

PREPARING FOR USE AFTER STORAGE

The following steps should be taken before using the cultivator after it has been stored.

- Unfold the handles into the upright position and secure by tightening handlebar knobs. Do not allow the switch trigger cable to become pinched when raising the handlebar.
- Follow the steps to restart the cultivator.

TROUBLESHOOTING

PROBLEM	CAUSE	REMEDY
Motor fails to start when switch trigger is depressed.	Power cord is not plugged in or connection is loose.	Plug in the power cord.
	Household circuit breaker is tripped.	Check circuit breaker
Motor runs but tines do not move.	Stone or root could become lodged in the tines.	To clear the tines, release the trigger lever. Unplug the tiller, and dislodge or remove any obstacles from the tines or tine shaft.
	Tall grass or weeds may become wrapped around the tine shaft.	To ease removal of tall grass or weeds that are wrapped around the tine shaft, remove one or more of the tines from the tine shaft. See Tine Removal and Installation in the manual.
	Gear train failure.	Take unit to authorized service center.

