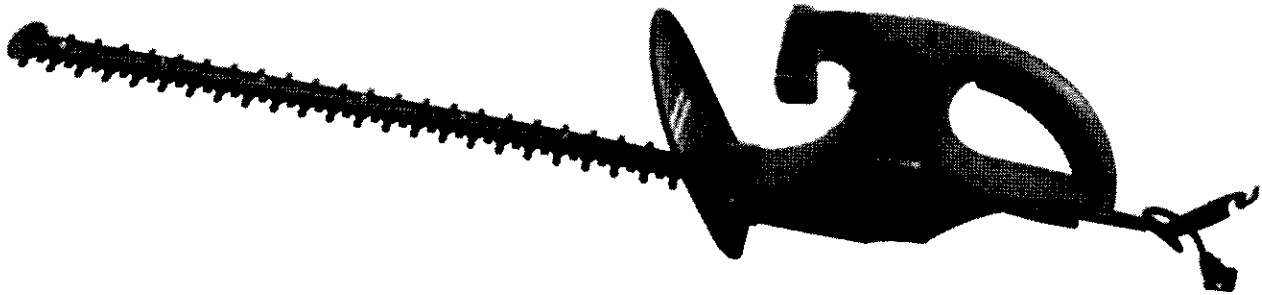


# Operator's Manual



## 3.2 Amp 22-in. **ELECTRIC HEDGE TRIMMER**

Model No.  
172.79957



	<p><b>WARNING:</b> Read, understand and follow all Safety Rules and Operating Instructions in this manual before using this product.</p>
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- SAFETY
- ASSEMBLY
- OPERATION
- MAINTENANCE
- PARTS LIST

? For answers to your questions about this product:  
Call 7 AM - 7 PM, Mon. – Sat; Sun, 10 am – 7pm  
1-800-4-MY-HOME® (Hours listed are Central Time)

**Sears, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.**

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## WARRANTY STATEMENT

### **ONE YEAR FULL WARRANTY ON CRAFTSMAN ELECTRIC HEDGE TRIMMER**

If this Craftsman Electric Hedge Trimmer fails due to defects in material or workmanship within one year from the date of purchase, **RETURN IT TO THE NEAREST SEARS STORE IN THE UNITED STATES**, and Sears will replace it, free of charge.

If this Craftsman Electric Hedge Trimmer is used for commercial or rental purposes, this warranty applies for only 90 days from the date of purchase.

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





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**SAVE THESE INSTRUCTIONS!  
READ ALL INSTRUCTIONS!**

# RULES FOR SAFE OPERATION

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols and their explanations 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>SAFETY ALERT SYMBOL:</b> Indicates danger, warning or caution. Attention is required in order to avoid serious personal injury. May be used in conjunction with other symbols or pictographs.
	<b>DANGER:</b> Failure to obey a safety warning will result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.
	<b>WARNING:</b> Failure to obey a safety warning can result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.
	<b>CAUTION:</b> Failure to obey a safety warning may result in property damage or personal injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.

**NOTE:** Advises you of information or instructions vital to the operation or maintenance of the equipment.

**Read the operator's Manual(s) and follow all warnings and safety instructions.**

**Failure to do so can result in serious injury to the operator and/or bystanders.**

# RULES FOR SAFE OPERATION

## GENERAL SAFETY INSTRUCTIONS READ ALL INSTRUCTIONS/PLAN AHEAD

SYMBOL	MEANING
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**WARNING:** If correctly used, this hedge trimmer is a quick, easy to handle and efficient tool; if used improperly or without the due precautions it could become a dangerous tool. For pleasant and safe work, **ALWAYS** strictly comply with the safety rules that are contained in this manual.



**WARNING: BE SURE** to read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

Safety is a combination of common sense, staying alert, and knowing how to use your tool.



**WARNING:** To avoid mistakes that could cause serious injury, **DO NOT** plug in the hedge trimmer until the following steps have been read and understood.


1. **ALWAYS** avoid dangerous conditions. **DO NOT** use in wet or damp areas or expose to rain.
2. **DO NOT** use in the presence of flammable gases or liquids.
3. **ALWAYS** keep bystanders at a safe distance. **NEVER** allow children near the tool.
4. **ALWAYS** dress for safety. **DO NOT** wear loose clothing, gloves, neckties, or jewelry (rings, watches, etc.) when operating tool. They can get caught and draw you into moving parts.
5. **ALWAYS** wear eye protection.
6. **ALWAYS** remove the power cord plug from the electrical outlet when making adjustments, changing parts or cleaning.
7. **ALWAYS** avoid accidental start-ups. **ALWAYS** make sure the power switch is in the OFF position **BEFORE** plugging in the power cord.
8. **DO NOT** abuse the power cord. **DO NOT** use it to carry the tool. **ALWAYS** keep the cord away from heat, oil, sharp edges or moving parts. Replace damaged cord immediately; they may create a shock or fire hazard.
9. **NEVER** leave a running tool unattended. Turn the power switch to OFF. **DO NOT** leave the tool until it has come to a complete stop.
10. **DO NOT** overreach. **ALWAYS** keep proper footing and balance at all times.

**SAVE THESE SAFETY INSTRUCTIONS**

## RULES FOR SAFE OPERATION cont.

### GENERAL SAFETY INSTRUCTIONS cont.

11. **DO NOT** operate this unit while tired, ill or under the influence of alcohol, drugs, or medication.
12. Children **MUST NOT** operate the unit.
13. Secure hair above shoulder length. **DO NOT** wear loose clothing or jewelry; they can get caught in moving parts.
14. **ALWAYS** inspect the unit before use. Replace all damaged parts prior to starting. **MAKE SURE** the unit is in original operating condition before operating.
15. Know the controls and know how to stop the blade quickly.
16. Wear protective gear. **ALWAYS** use appropriate work shoes, snug-fitting clothing; heavy-duty non-slip gloves; eye protection such as non-fogging, vented goggles or face screen; and sound barriers (ear plugs or muffs) to protect your hearing.
17. **MAINTAIN TOOLS PROPERLY. ALWAYS** keep tools clean and in good working order.
18. **CHECK FOR DAMAGED PARTS.** Check for alignment of moving parts, binding, breakage, or any other conditions that may affect the tool's operation. Any part that is damaged should be properly repaired or replaced before use.
19. **KEEP THE HANDLE DRY, CLEAN AND FREE OF OIL AND GREASE. ALWAYS** use a clean cloth when cleaning. **DO NOT** use solvents, brake fluids, gasoline, or other petroleum products to clean the tool, they may damage plastic parts.

 <b>W</b>	<b>WARNING!</b> The operation of any trimmer can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, <b>ALWAYS</b> wear safety goggles or safety glasses with side shield and a full face shield when needed. We recommend a Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shield, available at Sears Retail Stores.
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**SAVE THESE SAFETY INSTRUCTIONS**

# RULES FOR SAFE OPERATION

## ELECTRICAL SAFETY

1. Double insulated tools are equipped with a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a polarized outlet. **DO NOT** change or alter the plug in any way.
2. Double insulation **SYMBOL** eliminates the need for the three wire grounded power cord and grounded power supply system. Applicable only to Class II (double insulated) tools.
3. Before plugging in the tool, **BE SURE** that the outlet voltage supplied is within the voltage marked on the tool's data plate. **DO NOT** use "AC only" rated tools with a DC power supply.
4. If operating the power tool in damp locations is unavoidable, **ALWAYS** use a Ground Fault Circuit Interrupter to supply power to your tool. **ALWAYS** wear electrician's rubber gloves and footwear in damp conditions.
5. **DO NOT** expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
6. **DO NOT** abuse the cord. **NEVER** use the cord to carry the tools or pull the plug from the outlet. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.
8. When operating a power tool outside, **ALWAYS** use an outdoor extension cord marked "W-A" or "W". These cords are rated for outdoor use and reduce the risk of electric shock.

**NOTE:** The extension cord must have adequate wire size AWG (American Wire Gauge) for safe, efficient use. Smaller gauge wires, have greater capacity (16 gauge wire has more capacity than 18 gauge wire).

## RULES FOR SAFE OPERATION

### SPECIFIC SAFETY RULES FOR HEDGE TRIMMERS

1. **ALWAYS** avoid accidental starting. **DO NOT** carry a plugged in trimmer with you finger on the switch. Be sure the switch is in the OFF position **BEFORE** plugging it in.
2. **DO NOT** carry the trimmer by the cord or yank cord to disconnect it from power receptacle. Keep cord away from heat oil and sharp edges.



**DANGER: Risk of Cut. Keep hands away from blades. Keep both hands on handle when operating trimmer.**

3. **DO NOT** attempt to remove cut material or hold material to be cut when blades are moving. **ALWAYS** make sure the trimmer switch is OFF when clearing jammed material from blades. **DO NOT** hold the exposed cutting blades or cutting edges when picking up or holding the hedge trimmer.



**CAUTION: The blades continue to coast after the trimmer is shut off**

4. **DO NOT FORCE THE TRIMMER.** It will do the job better and with less chance of injury at the rate for which it was designed.
5. **DO NOT OVERREACH.** Keep proper footing and balance at all times
6. **STAY ALERT.** Watch what you are doing. Use common sense. **DO NOT** operate the trimmer when you are tired.
7. **ALWAYS** disconnect the trimmer from power source when not in use, or when you are cleaning or servicing it.
8. **ALWAYS** store the trimmer indoors, when not in use. It should be stored dry and high or locked in place that is out of the reach of children.
9. **ALWAYS** maintain the trimmer with care. **ALWAYS** Keep cutting blades sharp and clean for best performance and to reduce the risk of injury. **ALWAYS** inspect the extension cord periodically and replace it if damaged. **ALWAYS** keep handles dry, clean and free from oil and grease.

## RULES FOR SAFE OPERATION

10. **CHECK FOR DAMAGED PARTS.** Before further use of the hedge trimmer, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts; binding of moving parts; breakage of parts; mounting and any other condition that may affect its operation. A guard or other part that is damaged, should be properly repaired or replaced at an authorized Sears Service Center.



**WARNING: Some dust particles created by using lawn and garden tools contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:**

- Compounds in fertilizers, herbicides, pesticides, insecticides.
- Arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending upon how often you do this type of work. To reduce your exposure to these chemicals:

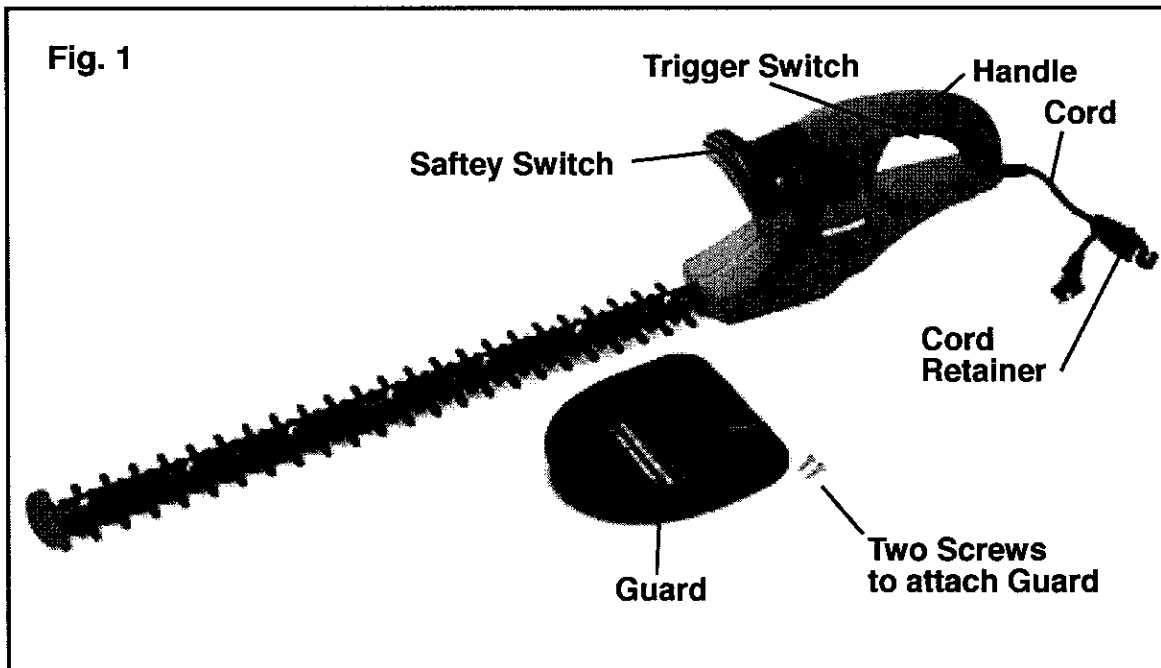
- Work in a well-ventilated area.
- Work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.



## DESCRIPTION

### KNOW YOUR TRIMMER

Your hedge trimmer has many built-in convenience features for fast, efficient cutting. These features include the trigger switch with a safety switch to prevent accidental starts. Both must be pressed to start unit.



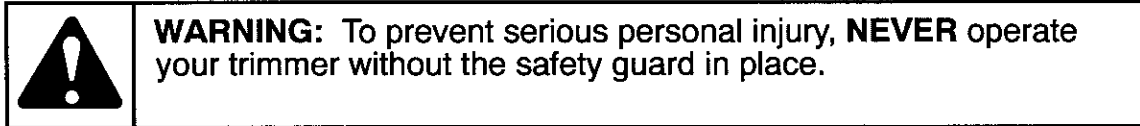
### SPECIFICATIONS

Blade Length	22 inches
Speed (Cutting Strokes per Minute)	3000
Cutting Capacity	3/4-inch
Cutting Action	Dual
Power Requirement	120-volt, 60 Hertz AC

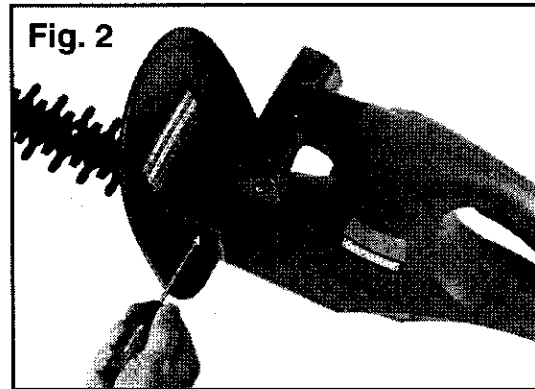
# OPERATION

## ATTACHING THE SAFETY GUARD (Figure 2)

After removing your hedge trimmer from the carton. Install the safety guard as follows:

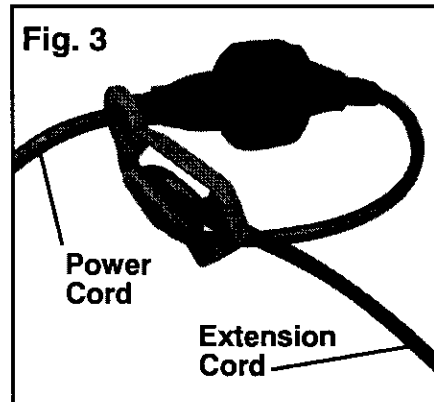


1. Place the safety guard on the trimmer, at the base of the cutting blade (see Fig. 2).
2. Align the screw holes in the guard with the holes in the trimmer (see Fig. 2).
3. Insert a screw on each end of the safety guard, using a Phillips screwdriver. **DO NOT** over tighten.



## ATTACHING AN EXTENSION CORD (Figure 3)

An extension cord retainer is attached to the power cord of the trimmer. This helps to prevent the tool from unplugging. To use this feature, simply double the extension cord about 8 inches from the end and insert it into the two open slots at the end of the retainer (see Fig. 3). Gently tug on the extension cord to be sure it's firmly attached, then plug the extension cord into a standard household receptacle.



**ALWAYS** use the trimmer properly. Before starting trimmer, hold the unit with both hands with the blade facing away from you.

**ALWAYS** keep the cord behind the trimmer when in use. **DO NOT** place cord over hedge where it can be cut by the blade.

## TO TURN TOOL ON

Your trimmer is equipped with a safety switch to help prevent accidental starts. You must press both the safety switch and the trigger switch to start the unit.

# OPERATION

## USING THE HEDGE TRIMMER

This hedge trimmer can be used for trimming and shaping hedges, shrubs and bushes that have a branch diameter up to 3/4 of an inch.



**WARNING: DO NOT** operate your trimmer if any parts are missing or damaged. Have the parts replaced or repaired before use. Failure to do so could result in serious personal injury.



**WARNING:** To prevent serious injury, **ALWAYS** use both the front handle and the rear handle to hold the hedge trimmer during operation.

For your protection, there is a blade guard between the front handle and the blade.



**WARNING: NEVER** use the guard as a handle. **NEVER** hold the trimmer by the guard. Failure to heed this warning can result in serious personal injury.



**WARNING:** Clear the area to be cut before each use. Remove all objects, such as cords, lights, wire, or string which can become entangled in the cutting blade.

DO NOT force the unit through thick, dense growth. If the blades slow down, reduce your pace.

## OPERATION

**ALWAYS** maintain proper footing and balance and **DO NOT** overreach. Wear safety goggles, non-skid footwear and rubber gloves when trimming.

Hold the tool firmly with both hands.

**DO NOT** try to trim too much at one time. This can cause the blades to bind and slow down, reducing the cutting efficiency.

**DO NOT** force the unit through thick, dense growth. If the blades slow down, reduce your pace.



**DANGER:** If the blade jams on any electrical cord or line, **DO NOT TOUCH THE BLADE. IT CAN BECOME ELECTRICALLY LIVE AND BE VERY DANGEROUS.** Continue to hold your trimmer by the insulated handles and immediately disconnect the damaged electrical cord or line from the power source. Failure to heed this warning will result in serious or fatal personal injury.

**ALWAYS** wear gloves when trimming thorny or prickly growth.

**DO NOT** try to cut stems that are larger than 3/4-inch thick or those obviously too large to feed into the cutting blade. Use a hand saw or pruning saw to trim large stems.

### TRIMMING NEW GROWTH (Figure 5)

When trimming new growth, use a wide sweeping motion, so the stems are fed directly into the cutting blade.

A slight downward tilt of the blade in the direction of motion gives the best cutting.

Older growth will have thicker stems and should be trimmed using a back and forth sawing motion.



## OPERATION



### USING THE HEDGE TRIMMER LEVELING HEDGES (Figure 6)

To obtain exceptionally level hedges, a piece of string can be stretched along the edge of the hedges as a guide.

### SIDE-TRIMMING HEDGES (Figure 7)

Begin at the bottom of the hedge and sweep up.



**WARNING:** To help guard against injury always observe the following rules.

- Read instruction manual before each use. Save manual.
- Keep hands away from blades.
- Keep hands on handles. Do not overreach.
- Do not use in wet conditions.
- Do not use with damaged extension cords.
- Never immerse any part of the tool into a liquid.



**CAUTION:** Blade coasts after turn off. **DO NOT** put your hands anywhere near the blades until they come to a complete stop.



**WARNING: DO NOT** use this hedge trimmer with any type of accessory or attachment. Such usage might be hazardous.

## MAINTENANCE AND REPAIR INSTRUCTIONS



**WARNING:** To avoid serious personal injury, always turn your trimmer OFF and unplug it before cleaning or servicing it.

### SERVICING DOUBLE INSULATED UNITS

This unit is double-insulated. In a double-insulated unit, two systems of insulation are provided instead of grounding. There is no grounding provided and no means of grounding should be added to this unit.

Extreme care and knowledge of the system is required when servicing a double-insulated unit. Service should only be performed by qualified service personnel only. Replacement parts for double-insulated units must be identical to the parts they replace. Refer any repair to an authorized service dealer. A double-insulated unit is marked with the words "double insulated" or "double insulation".

### CLEANING

Switch off the unit and disconnect it from the power source. Use a small brush to clean off the outside of the unit. Do not use strong detergents. Household cleaners that contain aromatic oils such as pine and lemon, and solvents such as kerosene, can damage plastic housing or handle. Wipe off any moisture with a soft cloth. Also keep the air vents free of obstructions.

### INSPECT EXTENSION CORDS

Inspect all extension cords. Look closely for deterioration, cuts or cracks in the insulation. Inspect all connectors for damage. Replace damaged or defective cord.

### STORAGE

- Allow the unit to cool before storing.
- Store the unit in a dry, well-ventilated area.
- Store the unit out of reach of children.

### CHECK FOR DAMAGED PARTS

Before each use, check for damaged parts. Before further use of the unit, a guard or other part that is damaged should be carefully checked to determine it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may effect the unit's operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized Sears Parts and Repair Center.

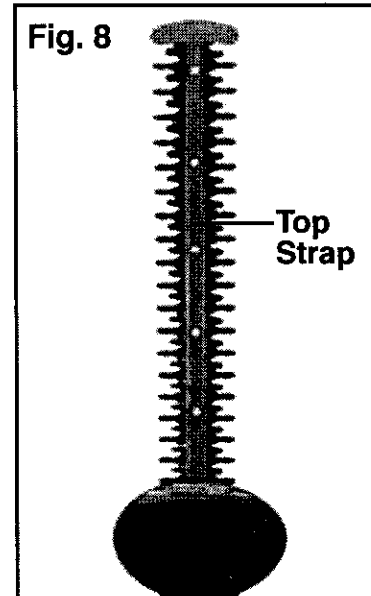


**WARNING:** You will need to connect the unit to power during these procedures. To avoid serious personal injury, be sure to pay attention to the instructions and DISCONNECT the power when stated.

## MAINTENANCE AND REPAIR INSTRUCTIONS

### SHARPENING THE BLADE

1. Allow your hedge trimmer to come to a stop with the cutter blade and guard positioned as shown in Figure 8. This will allow clearance for the file between the cutter teeth and the guard teeth.
2. Disconnect the trimmer from the power supply.
3. Clamp the blade assembly in a vise and file the exposed cutting surface of each blade tooth with an 8-inch fine round file, having a 1/4 or 7/32-inch diameter. Be sure to retain the tooth's original angle when filing.
4. Remove the hedge trimmer from the vise, restart it, and stop it so the unsharpened edges of the blade teeth are exposed.
5. Disconnect the tool and repeat the sharpening procedure as described above.



### LUBRICATING THE BLADE

To lubricate the cutting blade, disconnect the hedge trimmer from the power supply.

For easier operation and longer blade life, lubricate the hedge trimmer blade before and after each use. Before lubricating, be sure the unit is OFF and unplugged from the power supply. Apply light machine oil along the edge of the top strap (see Figure 8).



**CAUTION:** Some spray-on lubricants contain solvents and will cause some types of grease to break down. To prevent damage to the unit, only use a quality machine oil.

## ELECTRIC HEDGE TRIMMER – MODEL NUMBER 172.79957

The Model Number will be found on the Nameplate. Always mention the Model Number in all correspondence regarding your tool.

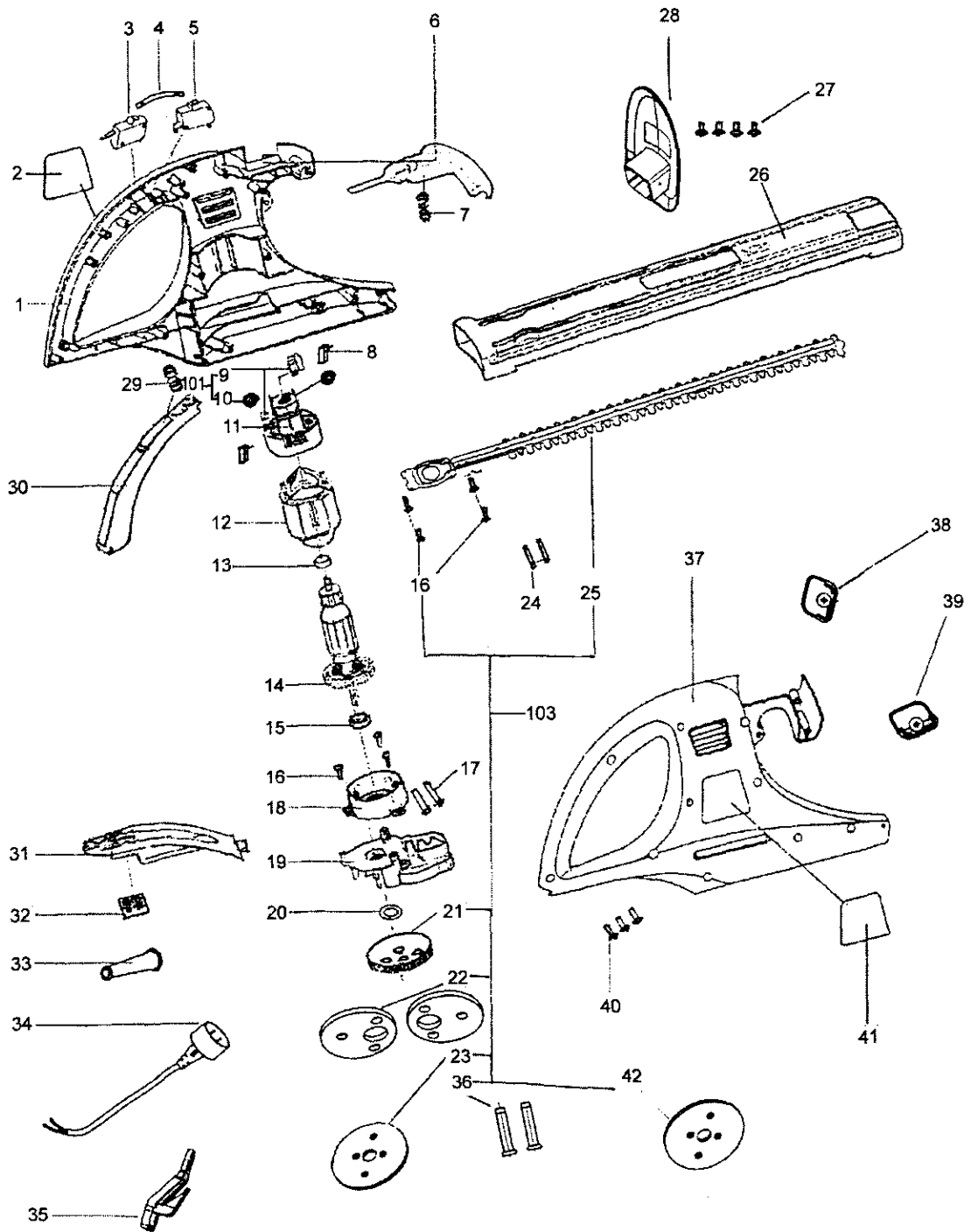
16

No.	Part No.	Description	Quantity
1	SB04.0.10	rlft housing	1
2	SB04.0.11	name plate	1
3	SW02.06.01.3	switch	1
4	ST12.08.00.2	internal wire	2
5	SW02.06.04.2	switch	1
6	SB03.0.04	front handle	1
7	ST04.03.07	spring	1
8	ST02.01.00	carbon	2
101		brush holder unit	2
9	ST03.01.00	brush holder	2
10	ST04.01.01	spiral spring	2
11	SB04.1.02	rear cover	1
12	STB50.01.20	motor field (stator)	1
102	SB04.A.00-00	Rotor Unit	1
13	SW50.01.3-00	ball bearing	1
14	STB51.01.20-00	motor armature(rotor)	1
15	SW50.02.3-00	ball bearing	1
103		blade unit	1
16	SW56.31.0-00	screw	7
21	SB39.1.21-00	gear	1
22	SB04.6.02.22-00	eccentricity wheel	2
23	SB39.1.23-00	isolated washer	1
25	S2GHT02H0120000A-00	cutting set	1
36	SW62.52.2-00	rivet	2
42	SB39.1.24-00	cover board	1
17	SW55.70.0-00	self-tapping screw	2

No.	Part No.	Description	Quantity
18	SB04.1.03-00	front cover	1
19	SB04.6.01.20-00	gear case	1
20	SW03.3.04-00	washer	1
24	SW.61.01.02-00	pin	2
26	S2GHT02H0021000A-00	blade sheath	1
27	SW55.10.0-00	self-tapping screw	4
28	S2GHT02H0022000A-00	hand guard	1
29	ST04.03.08-00	spring	1
30	SB03.0.05-00	switch actuator	1
31	SB04.2.02-00	cover	1
32	SB04.2.01-00	cord clamp	1
33	ST05.01.03-00	cord protector	1
34	S200W0012704000A-00	cord & plug	1
35	S2GGT04A0301000A-00	cable-hook	1
37	SB04.0.20-00	right housing	1
38	SB03.0.08-00	left cover	1
39	SB03.0.07-00	right cover	1
40	SW55.18.0-00	self-tapping screw	17
41	SB04.0.12-00	name plate	1

**SEE BACK PAGE FOR PARTS ORDERING INSTRUCTIONS.**









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