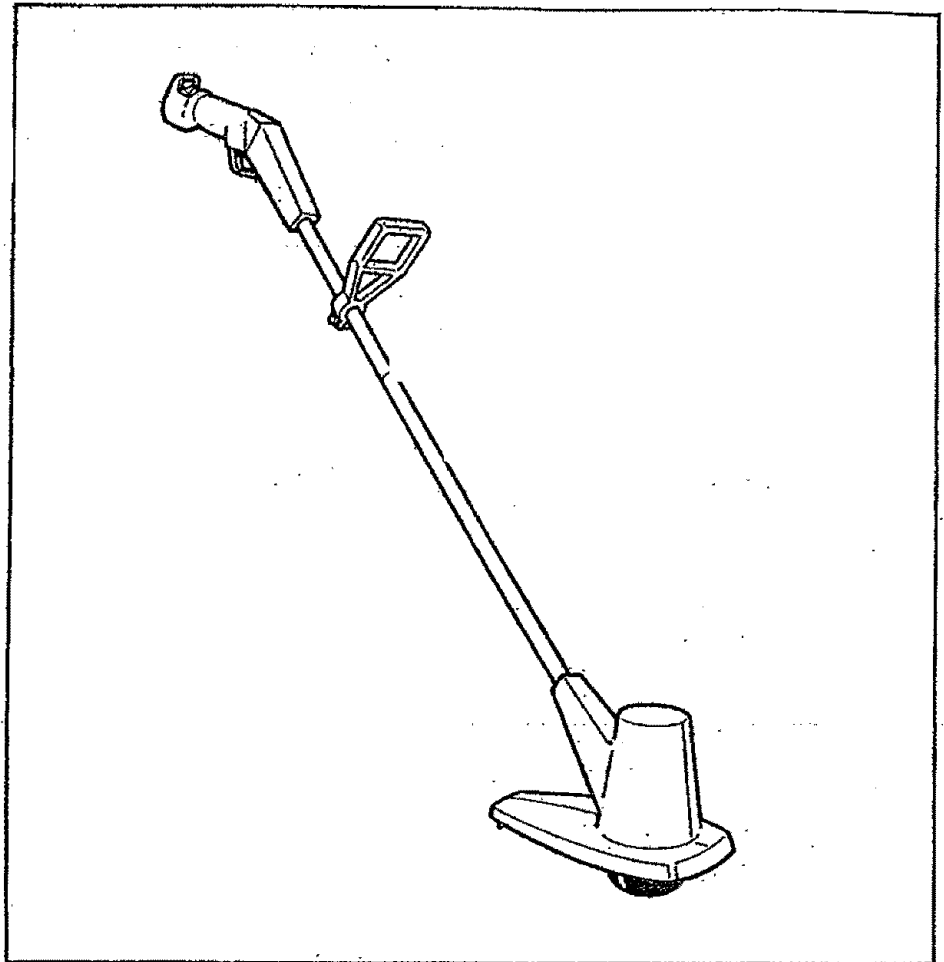


**SEARS**  
**OWNER'S**  
**MANUAL**

**MODEL NO.**  
257.797030

**CAUTION:**  
Read **RULES** for  
Safe **OPERATION**  
and **INSTRUCTIONS**  
Carefully



**CRAFTSMAN**

**WEED AND GRASS TRIMMER**

**DOUBLE INSULATED**

- Assembly
- Operating
- Repair Parts

PROTECTED UNDER ONE OR MORE OF THE FOLLOWING  
U.S. PATENTS: 4, 189, 833; 4, 269, 372; 4, 490, 910.



Sold by **SEARS, ROEBUCK AND CO., Chicago, IL. 60684 U.S.A.**

#### FULL ONE-YEAR WARRANTY ON CRAFTSMAN GRASS TRIMMER

If this Electric Weedwacker fails to perform properly due to a defect in material or workmanship within one year from the date of purchase, Sears will repair it, free of charge.

If this Electric Weedwacker is used for commercial or rental purposes, this warranty applies for only 90 days from the date of purchase. This warranty applies only while this product is in use in the United States.

Warranty service is available by simply contacting the nearest Sears store or Service Center throughout the United States.

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

SEARS, ROEBUCK AND CO., Dept. 698/731A, Sears Tower, Chicago, IL 60684

**WARNING: ANY OPERATOR OF THIS TRIMMER MUST READ AND UNDERSTAND THE RULES FOR SAFE OPERATION AND THE INSTRUCTIONS CONTAINED IN THIS MANUAL CAREFULLY BEFORE OPERATING. FAILURE TO DO SO COULD RESULT IN PERSONAL INJURY.**

#### RULES FOR SAFE OPERATION

1. Risk of eye injury—always use safety glasses or similar protection.
2. Keep hands, feet and face clear of rotating line.
3. Dress properly. Always wear shoes. Do not operate Tool while barefoot or when wearing sandals, canvas or open toed shoes. Use of rubber gloves and safety footwear is recommended when working outdoors. Wear long pants to protect your legs.
4. Keep children away. Keep bystanders and pets a minimum of 25 feet from the operator of the trimmer. Rapidly rotating line can propel objects at a velocity that can cause injury.
5. **WARNING:** To reduce electric shock hazard, use only with an extension cord suitable for outdoor use. A two-wire cord without a ground connection may be used since the tool is double insulated. Cord should be 16 gauge or heavier to prevent overheating and loss of power. Extension cord should not exceed 100 feet. U.L. listed extension cords are available from your nearest dealer.
6. To prevent disconnection of power supply cord from the trimmer during operation, follow instructions contained in this manual.
7. Avoid Dangerous Environment—Do not use unit in damp or wet areas, or in the vicinity of flammable fumes.
8. Inspect the area you are going to trim for wire, cord or other debris which could become entangled in the cutting line or head.
9. Do not use any type of wire or metal cutting line. Use only identical service parts.
10. Don't force this tool. It will work better and safer at the rate for which it was designed. If motor slows down too much, pull away and allow unit to obtain full speed.
11. Do not use tool for any job except that for which it is intended.
12. Do not immerse tool in water or operate in rain.
13. Don't overreach—Keep proper footing and balance at all times.
14. Don't abuse cord—never carry tool by cord or yank cord from receptacle. Keep cord away from heat, oil and sharp edges. Replace damaged cord immediately.
15. Never carry plugged in tool with finger on switch.
16. Disconnect tool from the power supply when not in use and when making any repairs or inspections.
17. Maintain Trimmer with care and follow instructions for replacing or rewinding spool.
18. Store idle Trimmer indoors. When not in use, Trimmer should be stored indoors in dry place out of reach of children.
19. The automatic line cutter is extremely sharp and care should be exercised when handling or operating the Trimmer to avoid contact with the cutter.
20. Keep air vents clear of debris.

SERVICING OF A TOOL WITH DOUBLE INSULATION REQUIRES EXTREME CARE AND KNOWLEDGE OF THE SYSTEM AND SHOULD BE PERFORMED ONLY BY A QUALIFIED SERVICE TECHNICIAN. FOR SERVICE WE SUGGEST YOU RETURN THE TOOL TO YOUR NEAREST AUTHORIZED DEALER FOR REPAIR WHICH WILL BE DONE WITH ORIGINAL FACTORY REPLACEMENT PARTS.

#### BOX CONTENTS

This box should contain:

- 1 257.797030 Trimmer
- 1 Loose Parts Kit containing:
  - 1 ea. 1564-05 Assist Handle
  - 1 ea. 8284-1 Bolt, 1/4-20 x 1
  - 1 ea. 8285 Wing Nut
  - 2 ea. 8296 Screw, 10-24 x 1 1/4
  - 2 ea. 8283 Locknuts
  - 1 ea. 88-626-00 Owner's Manual

# ASSEMBLY INSTRUCTIONS

Remove TRIMMER from carton and examine it thoroughly to make sure it is not damaged.

Remove and discard protective plastic clips inserted in handle tubes before assembly of trimmer.

## TOOLS NEEDED FOR ASSEMBLY

- Medium Phillips screwdriver
- Adjustable wrench or pliers

## ATTACHING THE ASSIST HANDLE AND TUBES

Attach the assist handle to the upper tube before joining the tubes together (Fig. 1).

1. The harness wire that is exposed between the tubes will pass through the slot in the bottom of the assist handle.
2. Slide the handle up onto upper tube.
3. Place bolt into handle, attach wingnut and tighten.
4. Slide lower tube into upper tube and align holes.
5. Insert two screws through tubes, attach locknuts and tighten (Fig. 2).
6. Adjust position of assist handle to conform to height and arm length.

## RETAINING EXTENSION CORD

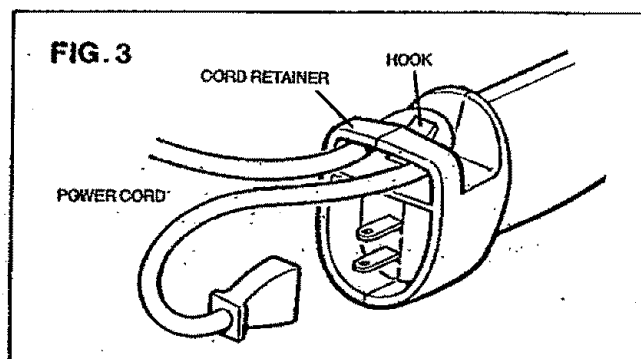
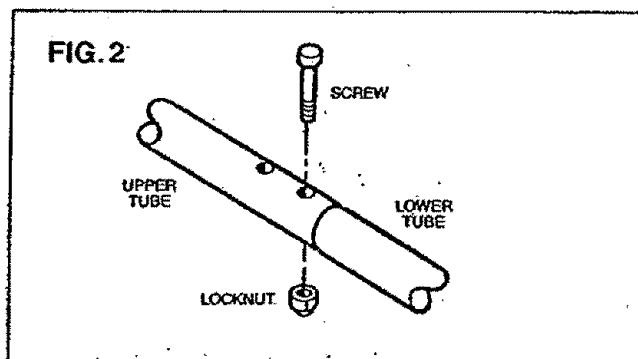
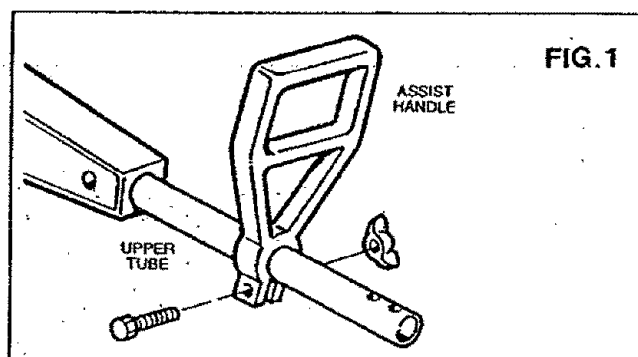
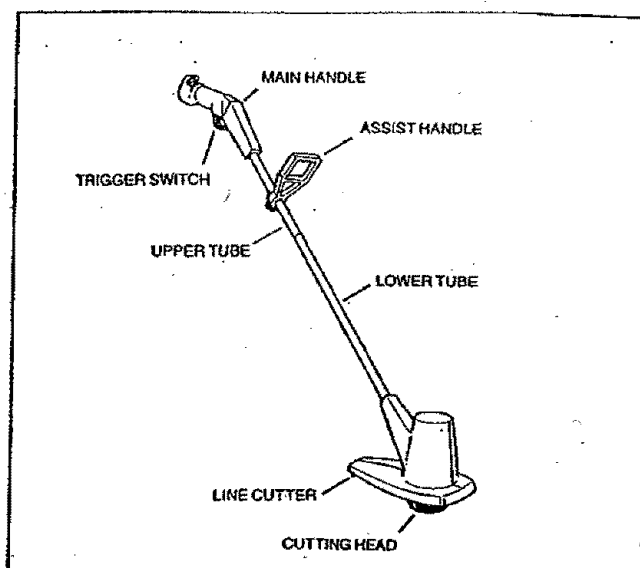
Loop cord through cord retainer and around hook (Fig. 3)  
Insert cord socket into recessed trimmer plug.

## BEFORE OPERATING

Before using your TRIMMER read and understand the RULES FOR SAFE OPERATION

- Always wear SAFETY GOGGLES.
- Cut to your LEFT side.
- Keep people away from you.
- Inspect the areas you are going to trim for wires, cord and any string-like matter to prevent them from getting tangled in the cutting head.

**CAUTION: THE CUTTING BLADE MOUNTED IN THE REAR GUARD SECTION IS EXTREMELY SHARP AND CARE SHOULD BE EXERCISED WHEN HANDLING OR OPERATING TRIMMER TO AVOID CONTACT WITH CUTTER.**



# OPERATING INSTRUCTIONS

## HOW TO OPERATE

1. Hold trimmer in a comfortable upright position and depress trigger switch.
2. Best results are accomplished with proper length line and maintaining full speed. Cut only with the tip of the nylon line.

## WHEN OPERATING

1. The WEEDWACKER will stir up dust particles which may get into your eyes. Wear safety goggles to prevent this. When you cut to the LEFT SIDE, your WEEDWACKER will sling particles FORWARD, away from you. When you cut to the RIGHT SIDE, it will sling particles BACK toward you. ALWAYS CUT TO THE LEFT SIDE ONLY.
2. Your WEEDWACKER can sling objects with adequate velocity to cause harm to others. It will ALWAYS sling small particles of dirt. KEEP PEOPLE AWAY FROM YOU when using your trimmer just to be safe.

## GENERAL TRIMMING

Tilt unit approximately 30° to the left (Fig. 4) and cut grass/weeds using a sweeping motion (right to left), keeping the cutting head off the ground.

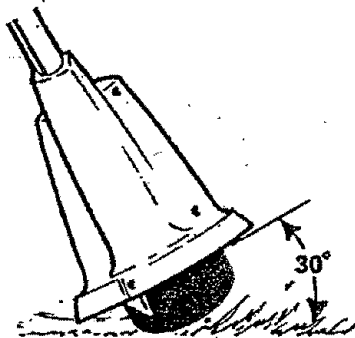


FIG. 4

## MOWING

Simply pass your WEEDWACKER over the areas you wish to cut, keeping the cutting head parallel to the ground. DO NOT use the usual 30 degree cutting angle when mowing as in fig. 4.

## HOW TO ACTUATE SELF FEEDING CUTTING LINE

1. Plug in power cord.
2. Start motor
3. Tap the hub lightly on the turf. Cutting line will advance automatically while motor is running.
4. Repeat step number 3 to advance additional cutting line.

## LINE IS TRIMMED AUTOMATICALLY

Your new WEEDWACKER is equipped with a fully automatic line cutter. After a new section of line is fed out, a blade mounted in the guard will cut the line to its proper length automatically.

This feature keeps the line trimmed to a safe and most efficient cutting length. Always make sure this cutter is working efficiently to achieve the best results.

## TO REPAIR BROKEN CUTTING LINE

1. Stop the motor and unplug power cord.
2. Visible cutting line can be retrieved with needle nosed pliers.
3. Hub should be depressed and released while keeping tension on the cutting line. One inch of cutting line should feed each time the hub is depressed.
4. If cutting line cannot be retrieved, follow instructions under SPOOL REPLACEMENT.



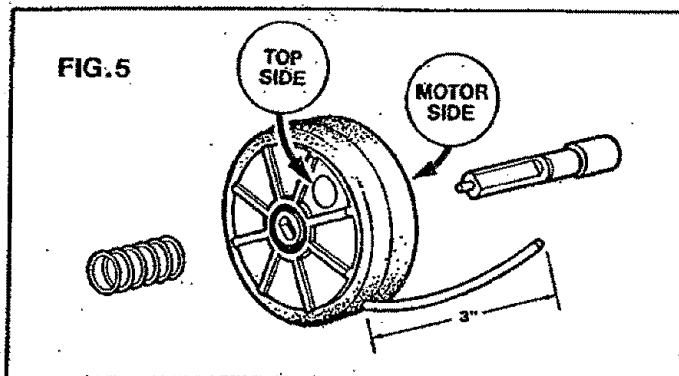
THE OPERATION OF ANY TRIMMER CAN RESULT IN FOREIGN OBJECTS BEING THROWN INTO THE EYES, WHICH CAN RESULT IN SEVERE EYE DAMAGE. ALWAYS WEAR SAFETY GLASSES OR EYE SHIELDS BEFORE COMMENCING POWER TOOL OPERATION. WE RECOMMEND WIDE VISION SAFETY MASK FOR OVER SPECTACLES OR STANDARD SAFETY GLASSES AVAILABLE AT SEARS RETAIL OR CATALOG STORES.

## SPOOL REPLACEMENT

1. Stop motor and unplug power cord.
2. Restrain rear plate, push in lock button (located on hub), and twist hub counter-clockwise until locking tabs disengage. Remove hub.
3. Remove spool from assembly and remove spring from spool.
4. Rewind spool in accordance with the instructions included herein (fig. 6) or replace spool as appropriate.
5. Before reinstalling spool be sure approximately 3 inches of line exits spool between the two foam pads as shown in fig. 5.
6. Install spring on "TOP SIDE" of spool. See fig. 5.
7. Insert line thru eyelet in hub assembly and seat spring end onto center post inside hub assembly.  
**NOTE:** Make sure line does not get trapped under spool, between the spool and hub assembly.
8. Slide spool and hub assembly onto motor shaft. Manipulate parts slightly to obtain proper alignment. Lifting up on rear plate, align locking tabs on hub assembly with slots in rear plate and insert tabs into slots until parts bottom. Rotate hub assembly clockwise while restraining the rear plate until all four locking tabs are properly engaged.
9. Remove debris from underside of your WEEDWACKER.

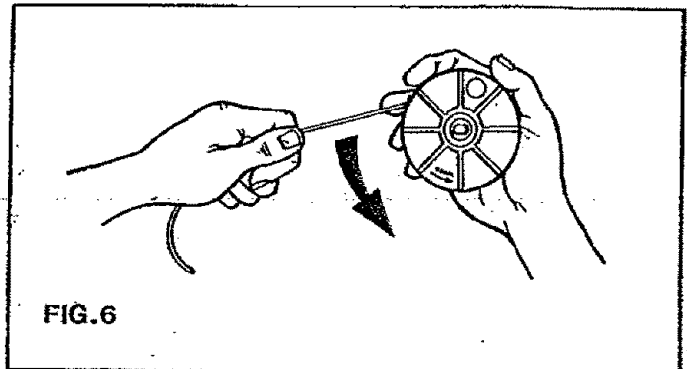
## IF LINE DOES NOT FEED

1. Follow Instructions 1-3 under "Spool Replacement."
2. Check to make sure line is wound in direction indicated on spool.
3. Separate strands of tangled line or install new line if necessary.
4. Inspect foam pad for tears or damage, replace if necessary.
5. Check spring for damage and proper installation.
6. Follow Instructions 5 thru 9 under "Spool Replacement."



## REWINDING SPOOL

When rewinding be sure to wind the line in the direction of arrow indicated on spool (Fig. 6). Plastic is a memory material and the line should be recoiled from the original coil to the spool in a way so the built-in memory tends to keep the coils tight to the spool. If you recoil in the opposite direction the coils would be loose and tend to come unwound. To secure line to spool, place tape over approx. 1½" of line, then secure tape to spool. Line must be wound side by side avoiding crossover or crisscrossing to insure proper line advancing. Do not wind more than a total of 40 feet of line onto spool.

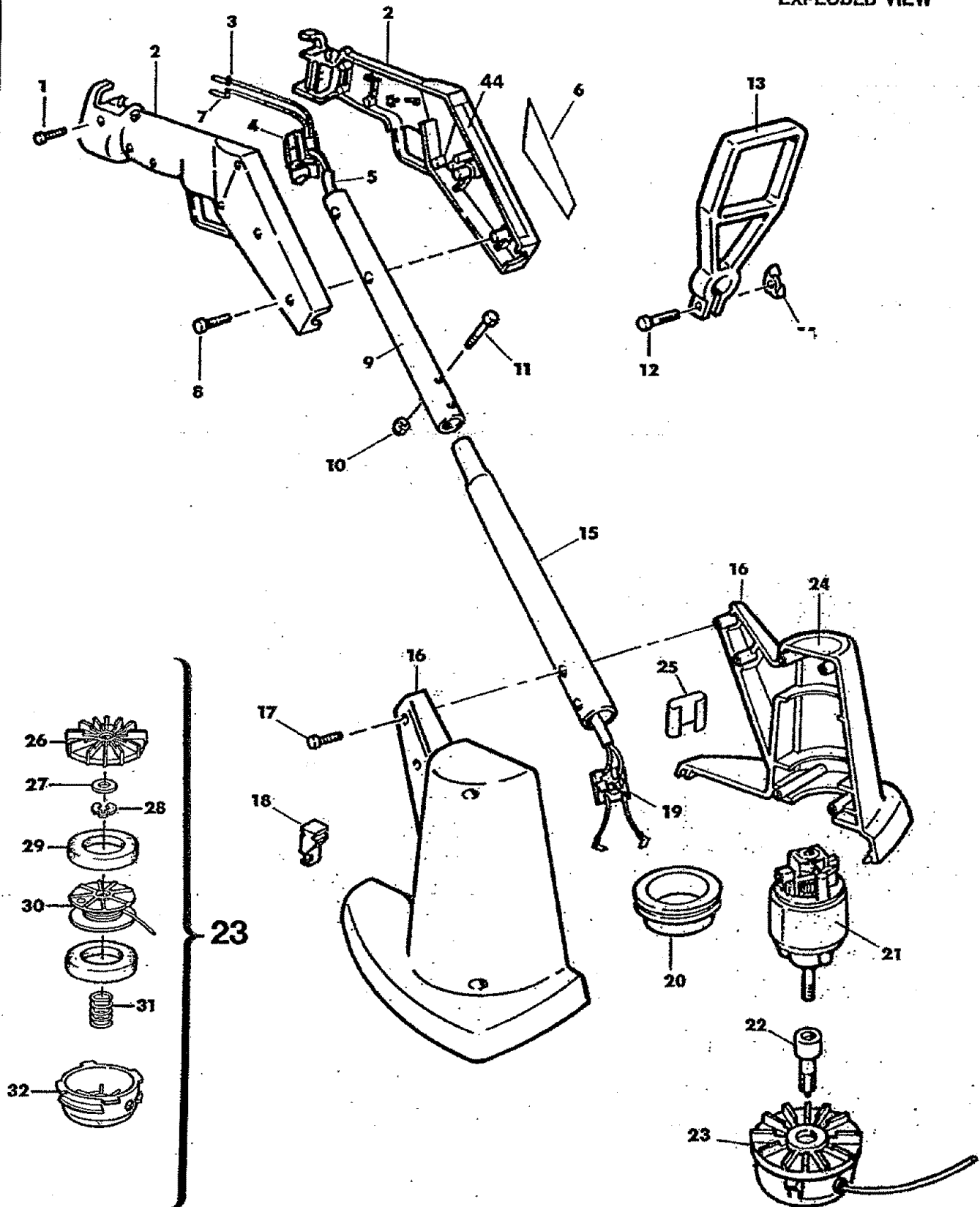


## RECOMMENDED REPLACEMENT PARTS AND ACCESSORIES

Your SEARS WEEDWACKER uses SPECIALLY TREATED .065 DIAMETER MONOFILAMENT NYLON cutting line which is available at SEARS STORES AND CATALOG STORES. You may purchase a fully wound spool (Part No. 85744) or you may purchase a package of two 50 foot coils (Part No. 85772) or a large bulk spool of line and rewind your present spool.

**CAUTION:** The use of heavier line, different types of line and accessories or attachments other than recommended may be hazardous or cause unit failure.

MODEL 257.797030  
EXPLODED VIEW



# MODEL 257.797030

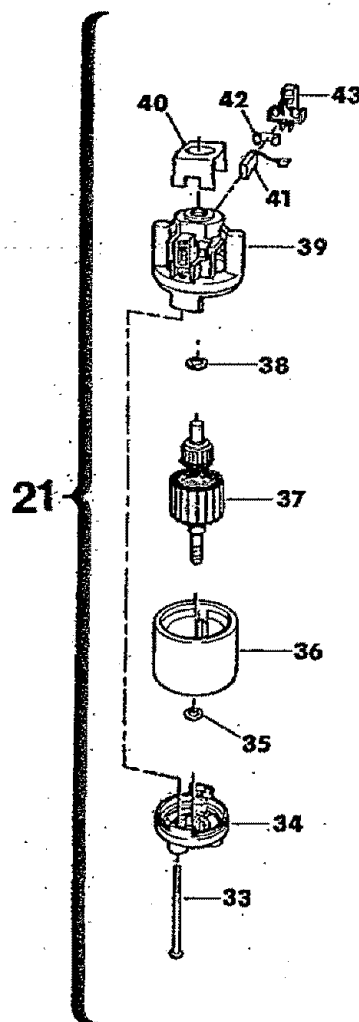
## PARTS LIST

DOUBLE INSULATED — WHEN SERVICING USE ONLY IDENTICAL REPLACEMENT PARTS

REF. NO.	PART NO.	DESCRIPTION	QTY.
1.	8268-2	Screw, 8-18, 11 x 1 1/8 THD Form	1
2.	8265-05	Handle (set)	1
3.	8279	Wire Blade Assy.	1
4.	1930-1	Switch, Trigger	1
5.	8290	Harness Assy. (complete)	1
6.	8437	Label, Warning/Rating	1
7.	8257	Wire Blade Assy.	1
8.	8268-1	Screw, 8-18, 11 x 1/2 THD Form	7
9.	8281	Tube Upper	1
10.	8283	Stop Nut	2
11.	8296	Screw, 10-24 x 1 1/4 Mach.	2
12.	8284-1	Bolt, 1/4-20 x 1 Hex	1
13.	1592-05	Handle, Assist	1
14.	8285	Wing Nut	1
15.	8282	Tube Lower	1
16.	8482-0-28	Housing (set)	1
17.	7903	Screw, 10-16 x 1 THD Form	6
18.	2927-05	Blade Retainer Assy.	1
19.	3366	P.C. Board Assy.	1
20.	4872-45	Air Baffle	1
21.	7683	Motor Assy.	1
22.	5899	Drive Adapter	1
23.	7226-05	Auto Head Assy (complete)	1
24.	8438	Label, Housing	1
25.	3371	Insulator Shield	1
26.	4871-15	Rear Plate	1
27.	220146-43	Washer	1
28.	2467-3	Retaining Ring	1
29.	1586-2	Foam Pad	2
30.	4868-05	Spool & Line (incl. item 29)	1
31.	1574-1	Spring	1
32.	4864-65	Hub Assy.	1
33.	2287-3	Screw, 10-32 x 2 3/8	2
34.	2276-1	End Bell Assy. (Drive)	1
35.	2288	Washer, Thrust	1
36.	2270-4	Field Assy.	1
37.	7677	Armature Assy.	1
38.	2389-3	Spring Washer	1
39.	2275-1	End Bell Assy. (Brush)	1
40.	2260	Insulator	1
41.	2278	*Brush, Carbon	2
42.	2280	*Spring, Brush	2
43.	2277	*Holder, Brush	2
44.	8439	Label, Handle	1
45.	88-626-00	Owner's Manual	1

AUTO  
HEAD  
ASSY.

MOTOR



\*Part No. 4504 Brush Assy. Kit  
includes items 41, 42, and 43

# MODEL 257.797030

## PARTS LIST

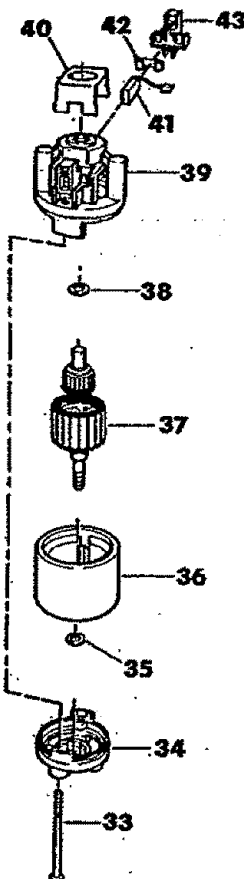
DOUBLE INSULATED — WHEN SERVICING USE ONLY IDENTICAL REPLACEMENT PARTS

REF. NO.	PART NO.	DESCRIPTION	QTY.
1.	8268-2	Screw, 8-18, 11 x 1 1/2 THD Form	1
2.	8265-05	Handle (set)	1
3.	8279	Wire Blade Assy.	1
4.	1930-1	Switch, Trigger	1
5.	8290	Harness Assy. (complete)	1
6.	8437	Label, Warning/Plating	1
7.	8257	Wire Blade Assy.	1
8.	8268-1	Screw, 8-18, 11 x 1/2 THD Form	7
9.	8281	Tube Upper	1
10.	8283	Stop Nut	2
11.	8296	Screw, 10-24 x 1 1/4 Mach.	2
12.	8284-1	Bolt, 1/4-20 x 1 Hex	1
13.	1592-05	Handle, Assist	1
14.	8285	Wing Nut	1
15.	8282	Tube Lower	1
16.	8482-0-28	Housing (set)	1
17.	7903	Screw, 10-16 x 1 THD Form	6
18.	2927-05	Blade Retainer Assy.	1
19.	3366	P.C. Board Assy.	1
20.	4872-45	Air Baffle	1
21.	7683	Motor Assy.	1
22.	5899	Drive Adapter	1
23.	7226-05	Auto Head Assy (complete)	1
24.	8438	Label, Housing	1
25.	3371	Insulator Shield	1
26.	4871-15	Rear Plate	1
27.	22014643	Washer	1
28.	2467-3	Retaining Ring	1
29.	1586-2	Foam Pad	2
30.	4868-05	Spool & Line (incl. item 29)	1
31.	1574-1	Spring	1
32.	4864-65	Hub Assy.	1
33.	2287-3	Screw, 10-32 x 2 3/4	2
34.	2276-1	End Bell Assy. (Drive)	1
35.	2288	Washer, Thrust	1
36.	2270-4	Field Assy.	1
37.	7677	Armature Assy.	1
38.	2389-3	Spring Washer	1
39.	2275-1	End Bell Assy. (Brush)	1
40.	2260	Insulator	1
41.	2278	*Brush, Carbon	2
42.	2260	*Spring, Brush	2
43.	2277	*Holder, Brush	2
44.	8438	Label, Handle	1
45.	88-626-00	Owner's Manual	1

AUTO  
HEAD  
ASSY.

MOTOR

21



\*Part No. 4504 Brush Assy. Kit  
includes items 41, 42, and 43



# **SEARS OWNER'S MANUAL**

**MODEL NO.  
257.797030**

**Sears  
SERVICE  
is at  
YOUR SERVICE.**

## ***How to Order Repair Parts***

The Model Number will be found on a plate attached to your Weedwacker handle tube. Always mention the Model Number when requesting service or repair parts for your Craftsman Weedwacker.

All parts listed herein may be ordered from any SEARS, ROEBUCK AND CO. retail or catalog store.

**WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION.**

1. PART NUMBER
2. PART DESCRIPTION
3. MODEL NUMBER — 257.797030
4. NAME OF ITEM — WEED AND GRASS TRIMMER

**USE ONLY SEARS REPLACEMENT PARTS.**

If the parts you need are not stocked locally, your order will be electronically transmitted to a Sears Repair Parts Distribution Center for expedited handling.

"Your Sears merchandise has added value when you consider that Sears has service units staffed with Sears trained technicians...professional technicians specifically trained on Sears products, having the parts, tools and equipment to insure that we meet our pledge to you...we service what we sell."

**Sold by SEARS, ROEBUCK AND CO., Chicago, IL. 60684 U.S.A.**