IMPORTANT MANUAL **Do Not Throw Away**

SEARS

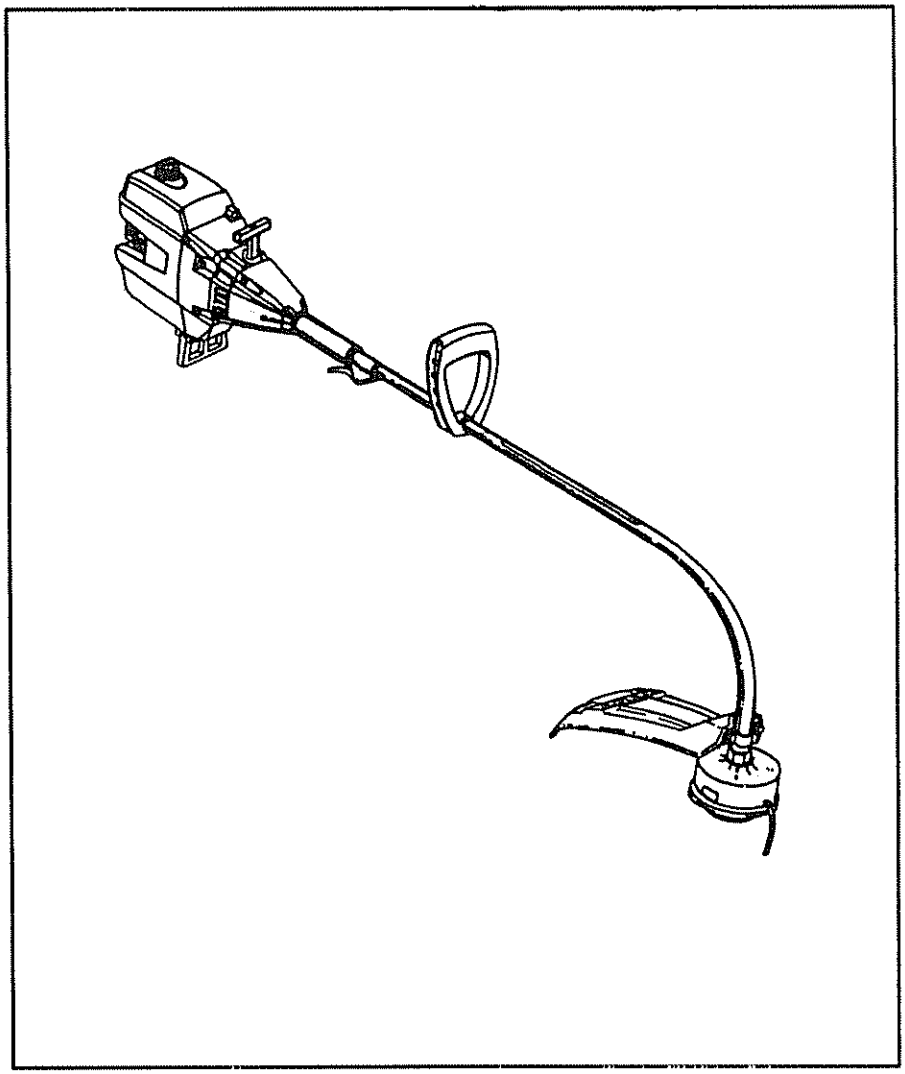
Operator's Manual

Model No.
358.799240–32cc

CUSTOMER ASSISTANCE
1–800–235–5878

⚠ WARNING:

Read the Operator's Manual and Follow All Warnings and Safety Instructions. Failure To Do So Can Result in Serious Injury.



Always Wear Eye Protection

SEARS/CRAFTSMAN®

32cc GAS WEEDWACKER

2 Cycle Engine

- Assembly
- Operation

Fuel Mix 40:1

- Maintenance
- Repair Parts

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

530–082597–04/19/94

ONE YEAR LIMITED WARRANTY ON CRAFTSMAN GAS–POWERED WEEDWACKER® TRIMMER

For one year from the date of purchase, when this Craftsman Gas–Powered Weedwacker is maintained, lubricated, and tuned up according to the operating and maintenance instructions in the operator's manual, Sears will repair, free of charge, any defect in materials or workmanship.

This warranty excludes nylon line, spark plug, and air filter, which are expendable parts and become worn during normal use.

If this Weedwacker is used for commercial purposes, this warranty applies for only 90 days from the date of purchase. If the Weedwacker is used for rental purposes, this warranty applies for only 30 days from date of purchase. This warranty applies only while this product is in use in the United States. WARRANTY SERVICE IS AVAILABLE BY RETURNING THE WEEDWACKER TO THE NEAREST SEARS SERVICE CENTER IN THE UNITED STATES.

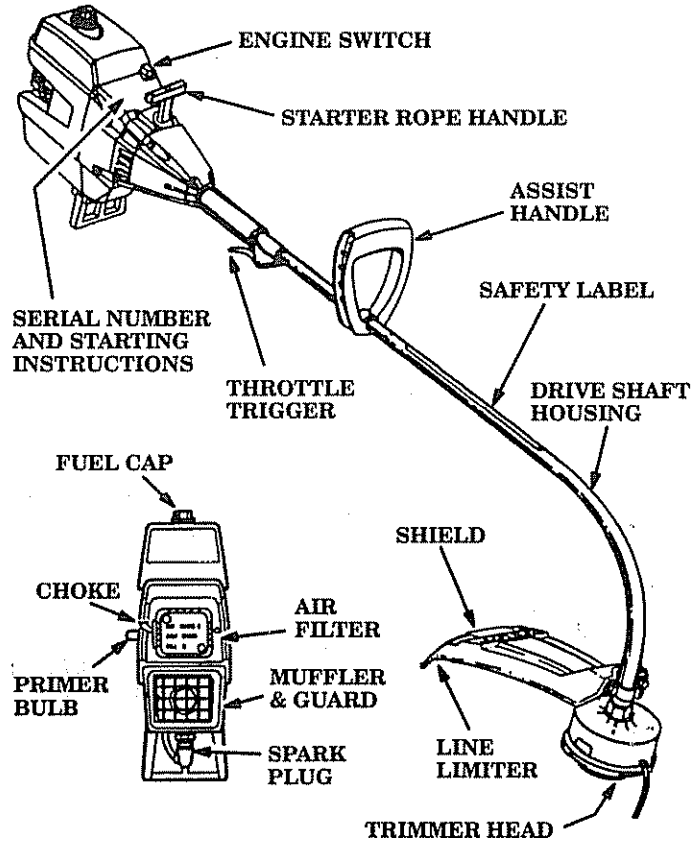
This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

SEARS, ROEBUCK AND CO. DEPT. 817WA HOFFMAN ESTATES, IL 60179

TABLE OF CONTENTS

SPECIFICATIONS

ENGINE TYPE:	2–Cycle, Air Cooled
DISPLACEMENT:	32cc
ENGINE RPM:	Operating– –7500 Idle– –3800–4400
IGNITION:	Solid State
IGNITION TIMING:	Spark Advance – Non–adjustable
CARBURETOR:	Diaphragm All Position With Adjustable Fuel Mixture Jet
ENGINE "OFF":	Positive Switch
STARTER:	Auto Rewind
MUFFLER:	Temperature Limiting (not spark arresting)
CUTTING PATH:	16"
FUEL TANK:	400cc
SPARK PLUG:	71–85854 (CJ–14)
SPARK PLUG GAP:	.025"
MODULE AIR GAP:	.010" to .014"
LUBRICATION:	Gasoline/Oil Mixture – 40:1 (see "Fueling Your Engine")
CUTTING LINE:	.080" Diameter Sears Line



MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 4,035,912; 4,052,789; 4,112,653; 4,161,820; 4,167,812; 4, 183,138; 4,189,833; 4,211,004; 4,286,675; 4,362,074; 4,451,983; 4,798,185; 4,823,465; 4,841,929; 4,940,028; 5,020,223; & D304,198. OTHER U.S. AND FOREIGN PATENTS PENDING.

NOTE: Illustrations may differ from actual parts due to design changes

SPECIAL NOTICE

For users on U.S. Forest Land in the states of California, Maine, Oregon, and Washington. All U.S. Forest Land and the states of California (Public Resources Codes 4442 and 4443), Oregon, and Washington require, by law, that certain internal combustion engines operated on forest, brush, and/or grass–covered areas be equipped with a spark arrestor, maintained in effective working order, or the engine be constructed, equipped, and maintained for the prevention of fire. Check with your state or local authorities for regulations pertaining to these requirements. Failure to follow these requirements is a violation of the law. **This unit is not factory–equipped with a spark arrestor;** however, a spark arrestor is available as an optional part. If this item is required in your area, contact your nearest Sears Service Center/Department for the correct kit.

⚠ WARNINGS AND SAFETY INSTRUCTIONS

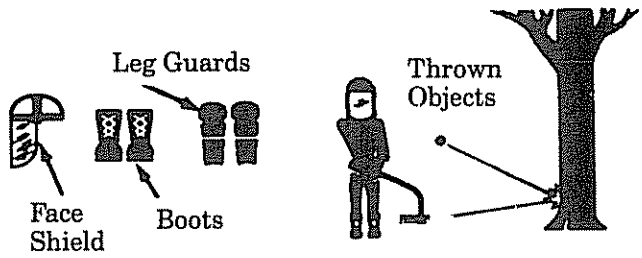
(See Additional Safety Instructions throughout this Manual)

⚠ WARNING – *THIS POWER TOOL CAN BE DANGEROUS!* This unit can cause serious injury or blindness to the operator and others. The warnings and safety instructions in this manual must be followed to provide reasonable safety and efficiency in using this unit. The operator is responsible for following the warnings and instructions in this manual and on the unit. **Read the entire Operator's Manual before assembling and using this unit! Restrict the use of this power tool to persons who read, understand and follow the warnings and instructions in this manual and on the unit.**

⚠ *DANGER*

BLADES OR SLINGING HEADS CAN COME OFF AND CAUSE SERIOUS INJURY.

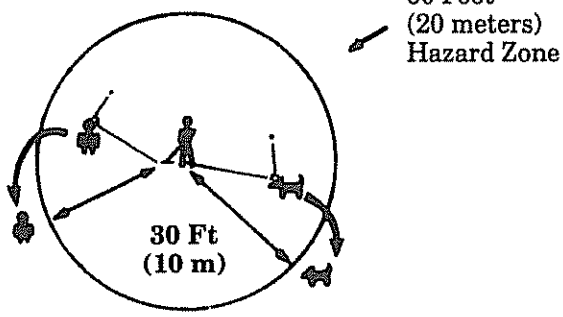
- **THIS UNIT IS DESIGNED FOR LINE TRIMMER USE ONLY**
- ***NEVER USE ANY OTHER CUTTING ATTACHMENT WITH THIS UNIT.***



⚠ WARNING

TRIMMER LINE CAN THROW OBJECTS VIOLENTLY.

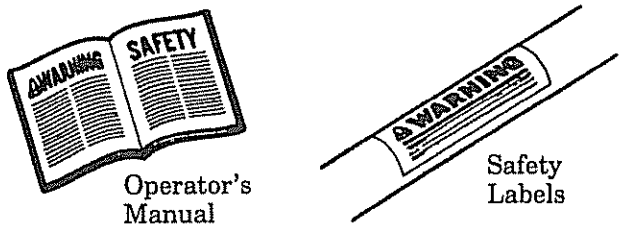
- **YOU CAN BE BLINDED OR INJURED.**
- **WEAR EYE AND LEG PROTECTION.**



⚠ WARNING

HAZARD ZONE FOR THROWN OBJECTS

- **TRIMMER LINE CAN THROW OBJECTS VIOLENTLY.**
- **OTHERS CAN BE BLINDED OR INJURED.**
- **KEEP PEOPLE AND ANIMALS 30 FEET (10 METERS) AWAY.**



⚠ WARNING

READ OPERATOR'S MANUAL.

- **FOLLOW ALL WARNINGS AND INSTRUCTIONS.**
- **FAILURE TO DO SO CAN RESULT IN SERIOUS INJURY.**

WARNINGS AND SAFETY INSTRUCTIONS....(Continued)

⚠ *OPERATOR SAFETY*

- Always wear safety eye protection.
- Always wear long pants, long sleeves, boots and gloves. Wearing safety leg guards is recommended. Do not go barefoot or wear sandals, jewelry, short pants, short sleeves, loose clothing, or clothing with loosely hanging ties, straps, tassels, etc.; they can be caught in moving parts.
- Secure hair so it is above shoulder length.
- Do not operate this unit when you are tired, ill, or under the influence of alcohol, drugs, or medication.
- Wear hearing protection if you use this unit for more than 1–1/2 hours per day.
- Never start or run the engine inside a closed room or building. Breathing exhaust fumes can kill.
- Keep handles free of oil and fuel.

⚠ *UNIT/MAINTENANCE SAFETY*

- Look for and replace damaged or loose parts before each use. Look for and repair fuel leaks before use. Keep the unit in good working condition.
- Replace trimmer head parts that are chipped, cracked, broken, or damage in any other way before using the unit.
- Use only .080" diameter SEARS Line. Never use wire, rope, string, etc.
- Make sure the unit is assembled correctly as listed in this manual.
- Make carburetor adjustments with the lower end supported to prevent the trimmer line from contacting any object.
- Keep others away when making carburetor adjustments.
- Disconnect the spark plug before performing maintenance except carburetor adjustments.
- Use only genuine SEARS accessories and replacement parts as recommended for this unit.

⚠ *FUEL SAFETY*

- Mix and pour fuel outdoors.
- Keep away from sparks or flames.
- Use a container approved for fuel.
- Do not smoke or allow smoking near fuel or the unit or while using the unit.
- Wipe up all fuel spills before starting engine.
- Move at least 10 feet (3 meters) away from fueling site before starting engine.
- Stop engine and allow the engine to cool before removing fuel cap.
- Empty the fuel tank before storing the unit. Use up fuel left in the carburetor by starting the engine and letting the engine run until it stops.
- Store unit and fuel in an area where fuel vapors cannot reach sparks or open flames from water heaters, electric motors or switches, furnaces, etc.

⚠ *CUTTING SAFETY*

- Inspect the area to be cut before each use. Remove objects (rocks, broken glass, nails, wire, string, etc.) which can be thrown or become entangled in the trimmer head.
- Keep others including children, animals, bystanders and helpers outside the 60 foot (20 meter) Hazard Zone. Stop the engine immediately if you are approached.
- Always keep the engine on the right–hand side of your body.
- Hold the unit firmly with both hands.
- Keep firm footing and balance. Do not over–reach.
- Keep the trimmer head below waist level.
- Do not raise the engine above your waist.
- Keep all parts of your body away from trimmer head and muffler when engine is running.
- Cut from your right to your left.
- Use only for jobs explained in this manual.

⚠ *TRANSPORTING AND STORAGE*

- Stop the unit before transporting.
- Keep the muffler away from your body.
- Allow the engine to cool, and secure the unit before storing or transporting in a vehicle.
- Empty the fuel tank before storing or transporting the unit. Use up fuel left in the carburetor by starting the engine and letting it run until it stops.
- Store unit and fuel in an area where fuel vapors cannot reach sparks or open flames from water heaters, electric motors or switches, furnaces, etc.
- Store unit so line limiter cannot accidentally cause injury. The unit can be hung by the bracket below the engine or by the tube.
- Store the unit out of the reach of children.

If situations occur which are not covered in this manual, use care and good judgment. If you need assistance, contact your SEARS Service Center/Department or the CUSTOMER ASSISTANCE HOTLINE, 1–800–235–5878.

SAFETY NOTICE

Exposure to vibrations through prolonged use of gasoline powered hand tools could cause blood vessel or nerve damage in the fingers, hands, and wrists of people prone to circulation disorders or abnormal swellings. Prolonged use in cold weather has been linked to blood vessel damage in otherwise healthy people. If symptoms occur such as numbness, pain, loss of strength, change in skin color or texture, or loss of feeling in the fingers, hands or wrists, discontinue the use of this tool and seek medical attention. An anti–vibration system does not guarantee the avoidance of these problems. Users who operate power tools on a continual and regular basis must monitor closely their physical condition and the condition of this tool.

KNOW YOUR UNIT

A. INTRODUCTION

Your Trimmer is a versatile product developed for large lawns and to make short work of a variety of lawn care tasks -- trimming, scalping, mowing, and sweeping.

Special Features Include:

- **All-Position Carburetor**
- **Adjustable Assist Handle**
- **Semi-Automatic Cutting Head**
- **16" Cutting Path**

B. UNPACKING INSTRUCTIONS

1. After removing the contents from the carton, check parts against the Carton Contents list.
2. Examine the parts for damage. Do not use damaged parts.
3. *If a part is missing or damaged, notify your Sears Service Center/Department immediately or call our CUSTOMER ASSISTANCE HOT-LINE at 1-800-235-5878.*

NOTE: Your unit has been shipped with a plastic shipping guard over the primer bulb (see "Specifications" for location). Remove and discard the plastic shipping guard.

NOTE: It is normal to hear the fuel filter rattle in an empty fuel tank.

C. CARTON CONTENTS

DESCRIPTION	QTY
• Engine/Drive Shaft Assembly w/Safety Label	1
• Shield	1
• Engine Oil	1
• Operator's Manual	1
• Loose Parts Bag	1
LOOSE PARTS BAG CONTENTS:	
• Hex Wrench	1
The following parts are illustrated in Figure 1	
A. Screw – Shield	2
B. Bracket – Shield	1

D. HARDWARE USAGE

Refer to the Hardware reference letters below during assembly.

NOTE: This Hardware is packaged in the Plastic Bag.

HARDWARE SHOWN ACTUAL SIZE

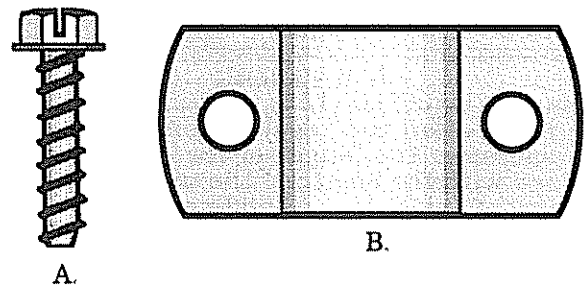


Figure 1

NOTES

ASSEMBLY

(If tool is received assembled, repeat all steps in this section to be sure assembly is correct and is adjusted for the operator.)

A. PREPARATION

This Operator's Manual is designed to help you assemble the tool and to provide its safe operation. It is important that you read the entire manual to become familiar with the tool *before* you begin assembly or call our CUSTOMER ASSISTANCE HOTLINE at 1–800–235–5878.

1. **Read your Operator's Manual**
2. **Tools you will need:**
   - Adjustable Wrench
   - Standard Screwdriver

B. ASSIST HANDLE

1. Loosen the wing nut on the assist handle.
2. Pivot the assist handle into place. Make sure the assist handle is located *between* the throttle trigger housing and the safety label on the tube. Figure 2 .
3. Adjust the assist handle up or down the tube for comfort.
4. Retighten the wing nut.

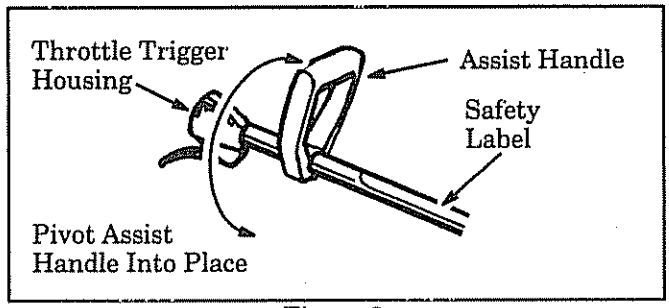


Figure 2

C. SHIELD ATTACHMENT

⚠ WARNING

The shield must be properly installed. The shield provides partial protection from the risk of thrown objects to the operator and others and is equipped with a line limiter which cuts excess line to the proper length.

⚠ WARNING

Failure to install shield in the position shown in the illustration can result in serious injury to the operator. The length of the shield must be aligned with the length of the tube. Direct widest part of shield toward engine.

CAUTION: The line limiter (on the underside of the shield) is sharp and can cut you.

- Match key (raised area) on the shield with the "V" slot on the tube. Figure 3 .
- Rest the bottom of the shield on top of the shoulder (not on the dust cup) of the tube.

NOTE: The bottom of shield must rest on top of the shoulder of the tube and not on dust cup.

- Install bracket "B." and screws "A." as shown in Figure 3 .

NOTE: Although a screwdriver slot is provided in screws "A.", it is easier to install the screws with a wrench or socket.

- Tighten the screws evenly and securely.

NOTE: It is possible that a small space will be left between the bracket and the shield when the screws are fully tightened.

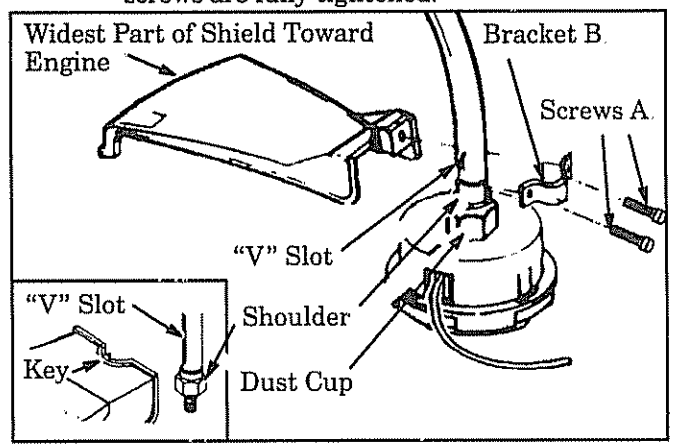


Figure 3

NOTES

D. OPERATING POSITION

- **Before starting the engine,** stand as shown in Figure 4 and check for the following:
  - Left arm fully extended, hand holding assist handle.
  - Right arm slightly bent, hand holding foam pad, fingers on throttle trigger.
  - Engine below waist level.
  - Weight of tool evenly distributed between arms.
  - Without operator bending over, the trimmer head is near and parallel to the ground and easily contacts the material to be cut.

CAUTION: **When adjusting the assist handle for comfort, be sure assist handle remains between throttle trigger housing and the safety label on the tube. Figure 2 .**

- **Adjust the assist handle** up or down the drive shaft housing *(but above the safety labels)* to a comfortable position.
- Rotate assist handle from left to right to tilt the angle of the trimmer head when cutting a large, sloped area such as a ditch bank.

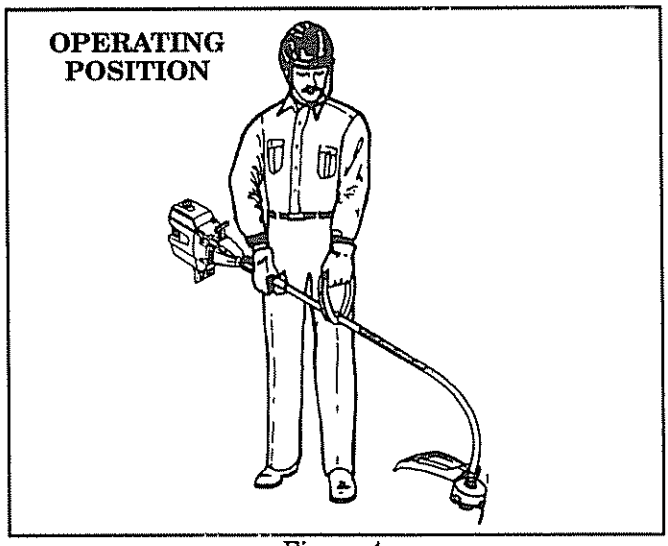


Figure 4

ACCESSORIES

ITEM	STOCK NO.
SAFETY GOGGLES	71–85707
SEARS 40:1 2–CYCLE ENGINE OIL	
–3.2 oz.	71–36552
–8 oz.	71–36555
–16 oz.	71–36553
SPOOL W/LINE	71–85811
NYLON CUTTING LINE	
80 Ft. (.080 Dia.) Cutting Line	71–85773
200 Ft. (.080 Dia.) Cutting Line	71–85608
400 Ft. (.080 Dia.) Cutting Line	71–85778
CUTTING HEAD ASSEMBLY	71–85803
SPARK PLUG	71–85854
AIR FILTER	952–701614
FLEX SHAFT LUBE	952–030139

NOTES

OPERATION

BEFORE STARTING ENGINE:

WARNING

BE SURE TO READ THE FUEL SAFETY INFORMATION IN THE WARNINGS AND SAFETY INSTRUCTIONS SECTION ON PAGE 4 OF THIS MANUAL BEFORE YOU BEGIN.

IF YOU DO NOT UNDERSTAND THE FUEL SAFETY SECTION DO NOT ATTEMPT TO FUEL YOUR UNIT; SEEK HELP FROM SOMEONE THAT DOES UNDERSTAND THE FUEL SAFETY SECTION OR CALL THE CUSTOMER ASSISTANCE HOTLINE AT 1-800-235-5878.

GASOLINE

The two-cycle engine on this product requires a fuel mixture of regular unleaded gasoline and a high quality engine oil for lubrication of the bearings and other moving parts. The correct fuel/oil mixture is 40:1 (see Fuel Mixture Chart). Too little oil or the incorrect oil type will cause poor performance and may cause the engine to overheat and seize.

Gasoline and oil must be premixed in a clean approved fuel container. Always use fresh regular unleaded gasoline.

IMPORTANT: Experience indicates that alcohol blended fuels called gasohol (or using ethanol or methanol) can attract moisture, which leads to oil/gas separation and formation of acids during storage. Acidic gas can damage the fuel system of an engine while in storage. To avoid engine problems, the fuel system should be emptied before storage for 30 days or longer. Drain the gas tank, then run the fuel out of the carburetor and fuel lines by starting the engine and letting it run until it stops. Use fresh fuel next season. See STORAGE instructions for additional information. Never use engine or carburetor cleaner products in the fuel tank or permanent damage may occur.

FUEL STABILIZER

Fuel stabilizer is an acceptable alternative in minimizing the formation of fuel gum deposits during storage. Add stabilizer to gasoline in fuel tank or storage container. Always follow the fuel mix ratio found on the stabilizer container. Run engine at least 10 minutes after adding stabilizer to allow the stabilizer to reach the carburetor. You do not have to drain the fuel tank for storage if you are using fuel stabilizer.

CRAFTSMAN 40:1 2 cycle engine oil is specially blended with fuel stabilizers. If you do not use this Sears oil, you can add a fuel stabilizer (such as Craftsman No. 33500) to your fuel tank.

2-CYCLE OIL:

CRAFTSMAN 40:1 2 cycle oil is strongly recommended. This oil is specially blended with fuel stabilizers for increased fuel stability (extends fuel life up to 5 times longer) and reduced smoke.

If CRAFTSMAN 2 cycle oil is not available, use a good quality 2 cycle AIR-COOLED engine oil that has a recommended fuel mix ratio of 40:1.

IMPORTANT! Do not use:

- **AUTOMOTIVE OIL**
- **BOAT OILS** (NMMA, BIA. etc.)

These oils do not have proper additives for 2-cycle, AIR-COOLED engines and can cause engine damage.

GASOLINE AND OIL MIXTURE

Mix gasoline and oil as follows:

- Consult chart for correct quantities.
- Do not mix gasoline and oil directly in the fuel tank.

FOR ONE GALLON:

- Pour 3.2 ounces of high quality, 2-cycle engine oil into an empty, approved one gallon gasoline container.
- Add one gallon of regular unleaded gasoline to the gallon container, then securely replace the cap. Shake the container momentarily.
- The mixture is now ready for use. Fuel stabilizer can be added at this time if desired; follow mixing instructions on the label.

FUEL MIXTURE CHART

40:1 Fuel:Oil Mix Ratio

Gasoline	Oil (fl. oz.)
1 gallon	3.2
1.25 gallons	4.0
2.5 gallons	8.0

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40:1 Fuel:Oil Mix Ratio

Gasoline	Oil (fl. oz.)
1 gallon	3.2
1.25 gallons	4.0
2.5 gallons	8.0

STARTING YOUR ENGINE

(For location of controls, refer to "Specifications.")

BEFORE STARTING THE ENGINE:

- Fuel engine. Move 10 feet (3 meters) away from fueling site.

> **⚠ WARNING**
> ***The trimmer head will turn while starting the engine.***

- Rest engine and shield on ground, supporting trimmer head off ground.

  NOTE: Remove and discard the plastic shipping guard on the primer bulb (if so equipped).

STARTING A COLD ENGINE OR WARM ENGINE AFTER RUNNING OUT OF FUEL:

- Make sure the switch is in the "On" position.
- Move the choke lever to the "Full Choke" position.
- Slowly press the primer bulb 6 times.
- Squeeze and hold the throttle trigger. *Keep the throttle trigger fully squeezed until the engine runs smoothly.*
- Pull starter rope sharply 5 times.

  NOTE: The engine may sound as if it is trying to start before the 5th pull. If so, go to the next step immediately.

- Move the choke lever to the "Half Choke" position.
- Pull the starter rope sharply until the engine runs, but no more than 6 pulls.

  NOTE: If the engine has not started after 6 pulls (at half choke), check to make sure the switch and the choke lever are in the proper positions. Then, move the choke lever to the "Full Choke" position and press the primer bulb 6 times; squeeze and hold the throttle trigger and pull the starter rope 2 more times. Move the choke lever to "Half Choke" and pull the starter rope until the engine runs, but no more than 6 more pulls.

  NOTE: If the engine still has not started, it is probably flooded. Proceed to "Starting a Flooded Engine."

- Allow the engine to run 10 seconds, then move the choke lever to "Off Choke." Allow the unit to run for 30 more seconds at "Off Choke" before releasing the throttle trigger.

  NOTE: If engine dies with the choke lever at the "Off Choke" position, move the choke lever to "Half Choke" and pull the rope until the engine runs.

- To stop the engine, move the switch to "Off."

> **⚠ WARNING**
> **Avoid any bodily contact with the muffler when starting a warm engine. A hot muffler can cause serious burns.**

STARTING A WARM ENGINE THAT HAS NOT RUN OUT OF FUEL:

- Make sure the switch is in the "On" position.
- Move the choke lever to the "Half Choke" position.
- Squeeze and hold the throttle trigger. *Keep the throttle trigger fully squeezed until the engine runs smoothly.*
- Pull starter rope sharply until engine runs, but no more than 5 pulls.
- Allow the engine to run 10 seconds, then move the choke lever to "Off Choke."

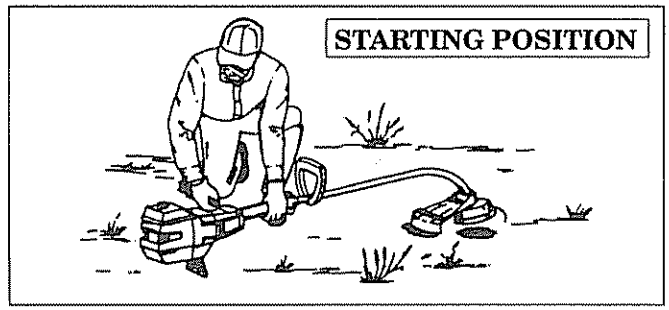
  NOTE: If engine has not started, pull starter rope 5 more pulls. If engine still does not run, it is probably flooded. Proceed to "Starting a Flooded Engine."

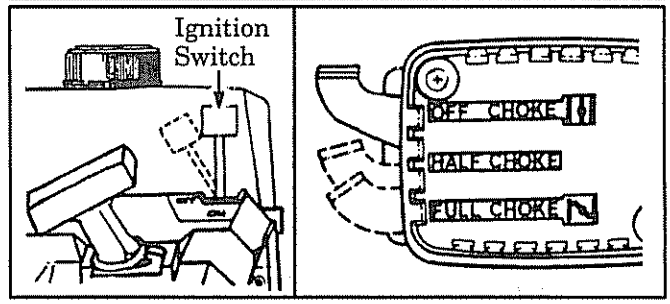
- To stop the engine, move switch to the "Off" position.

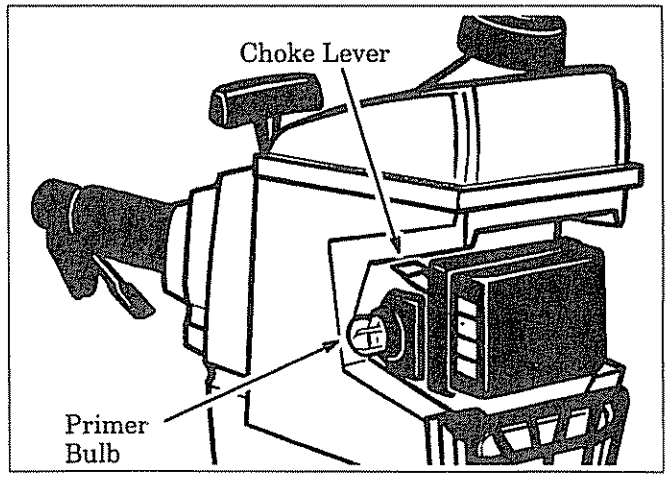
STARTING A FLOODED ENGINE:

Flooded engines can be started by placing the switch in the "On" position and the choke lever in the "Off Choke" position; then, pull the rope to clear the engine of excess fuel. This could require pulling the starter rope *many times* depending on how badly the unit is flooded.

If the unit still doesn't start, call the Customer Assistance Hotline at 1–800–235–5878.



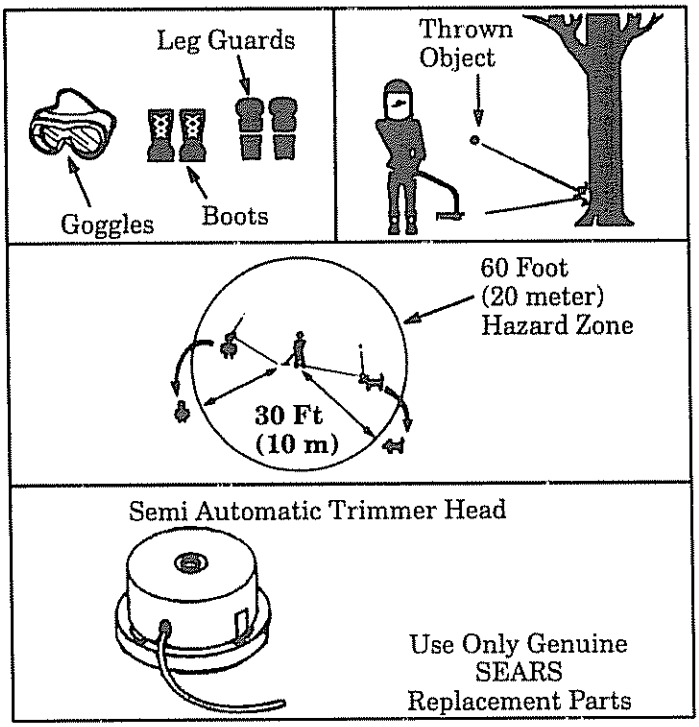




OPERATING INSTRUCTIONS

- **Bring the engine to cutting speed before entering the material to be cut.**
  - a. **Do not run the engine at a higher speed than necessary.** The cutting line will cut efficiently when the engine is run at less than full throttle. At lower speeds, there is less engine noise and vibration. The cutting line will last longer and will be less likely to "weld" onto the spool.
- **If trimmer head does not turn when the engine is in operation,** make sure the tube is properly seated in the engine shroud.
- **Always release the throttle trigger and allow the engine to return to idle speed when not cutting.**
- **To stop engine:**
  - b. Release the throttle trigger.
  - c. Move engine switch to the "Off" position.

USING YOUR TRIMMER



⚠ WARNING—THROWS OBJECTS

The rapidly moving line causes objects to be thrown violently. The shield will not provide complete protection to the operator or others. **The operator must wear a safety face shield or goggles. Always wear heavy, long pants and boots. Keep others at least 30 feet (10 meters) away.**

⚠ WARNING – HAZARD ZONE

This tool will throw objects and cut. **Keep others including children, animals, bystanders, and helpers at least 30 feet (10 meters) away from the operator and tool. Stop the engine if you are approached.**

⚠ WARNING – DAMAGED TRIMMER HEAD

Trimmer head parts that are chipped, cracked, broken, or damaged in any other way can fly apart and cause serious injury. **Do not use. Replace damaged parts before using the tool.**

A. LINE TRIMMER SAFETY

1. OPERATOR

- a. **Always wear a face safety shield or goggles.** See "Accessories."
- b. **Always wear heavy, long pants, long sleeves, boots, and gloves.** Do not go barefoot or wear short pants, short sleeves, sandals, jewelry, loose clothing, or clothing with loosely hanging straps, ties, tassels, etc.; they can be caught in moving parts. Secure hair so it is above shoulder length. Being fully covered will help protect you from pieces of toxic plants such as poison ivy thrown by the blade, which could be more of a hazard than touching the plant itself.
- c. Keep hair, fingers, and all other parts of the body away from openings and moving parts.
- d. **Do not operate this tool when you are** tired, ill, or under the influence of alcohol, drugs, or medication.
- e. **Do not swing the tool** with such force that you are in danger of losing your balance.
- f. **Never start or run the engine inside a closed room or building.** Breathing exhaust fumes can kill.
- g. **Keep handles free of oil and fuel.**

2. TOOL

- a. **Inspect the entire tool before each use.** Replace damaged parts. Check for fuel leaks and make sure all fasteners are in place and securely fastened.
- b. **Use only SEARS .080" diameter line.** Never use wire, rope, string, etc.
- c. **Be sure the shield is properly attached.**
- d. **Make sure the trimmer head is properly installed and securely fastened.** Refer to "Assembly."
- e. **Make carburetor adjustments** with the drive shaft housing supported to prevent the trimmer line from contacting any object.
- f. **Keep others away when making carburetor adjustments.**
- g. Use only genuine Sears accessories or attachments as recommended.

3. CUTTING

- a. **Inspect the area to be cut before each use.** Remove objects (rocks, broken glass, nails, wire, string, etc.) which can be thrown or become entangled in the trimmer head.
- b. **Always keep the engine on the right-hand side of your body.**
- c. **Hold the tool firmly with both hands.**

d. **Keep firm footing and balance. Do not over-reach.**
e. **Keep the trimmer head below waist level.**
f. **Do not raise the engine above your waist.**
g. **Keep all parts of your body away from the trimmer line when the engine is running.**
h. **Keep all parts of your body away from a hot muffler.**
i. **Use only for jobs explained in this manual.**

⚠ WARNING
Avoid any bodily contact with the muffler when starting a warm engine. A hot muffler can cause serious burns.

B. TRIMMER LINE ADVANCE

- **The trimmer line will advance approximately 2 inches (5 cm) each time the bottom of the trimmer head is tapped on the ground with the engine running at full throttle.**
- **The most efficient line length is the maximum length allowed by the line limiter.**
- **Always keep the shield in place when the tool is being operated. Figure 5 .**
- **To Advance Line:**
  1. Operate the engine at full throttle.
  2. Hold the trimmer head parallel to and above a grassy area.
  3. Tap bottom of trimmer head lightly on ground one time. See Figure 5 . Approximately 2" (5 cm) of line will be advanced with each tap.

  NOTE: Always tap trimmer head on a grassy area. Tapping on surfaces such as concrete or asphalt can cause excessive wear to the trimmer head.

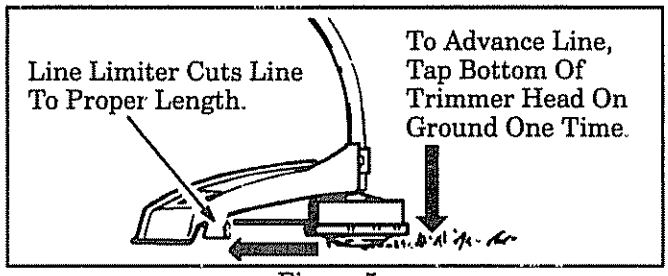


Figure 5

NOTE: **If the line is worn down to 2 inches (5 cm) or less,** more than one tap will be required to obtain the most efficient line length.

⚠ WARNING
Use only Sears .080" diameter line. Other sizes of line will not advance properly and can cause serious injury. Do not use other materials such as wire, string, rope, etc. Wire can break off during cutting and become a dangerous missile that can cause serious injury.

C. CUTTING METHODS

⚠ WARNING
Use minimum speed and do not crowd the line when cutting around hard objects (rock, gravel, fence posts, etc), which can damage the trimmer head, become entangled in the line, or be thrown causing a serious hazard.

- **The tip of the line does the cutting.** You will achieve best performance and minimum line wear by not crowding the line into the cutting area. The right and wrong ways are shown in Figure 6 .
- **The line will easily remove grass and weeds from around walls, fences, trees and flower beds, *but it also can cut the tender bark of trees or shrubs and scar fences.*** To help avoid damage especially to delicate vegetation or trees with tender bark, shorten line to 4–5 inches (10 – 12.5 cm) and use at less than full throttle.
- ***For trimming or scalping,* use less than full throttle to increase line life and decrease head wear, especially:**
  – during light duty cutting.
  – near objects around which the line can wrap such as small posts, trees or fence wire.
- ***For mowing or sweeping,* use full throttle for a good clean job.**

⚠ WARNING
Always wear eye protection. Never lean over the trimmer head. Rocks or debris can ricochet or be thrown into eyes and face and cause blindness or other serious injury.

1. **TRIMMING – Figure 7 .** Hold the bottom of the trimmer head about 3 inches (7.5 cm) above the ground and at an angle. Allow only the tip of the line to make contact. Do not force the trimmer line into the work area.

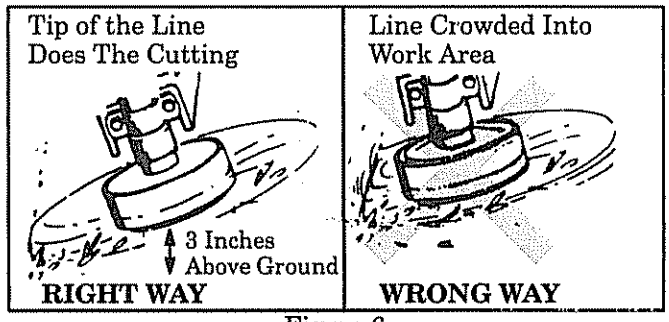


Figure 6

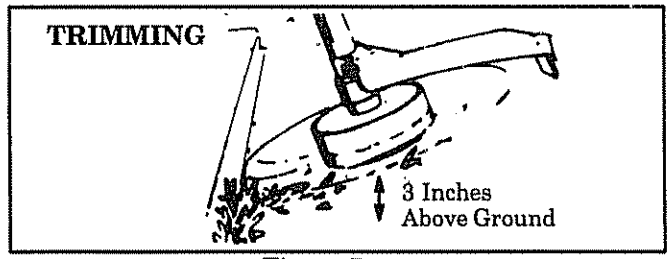


Figure 7

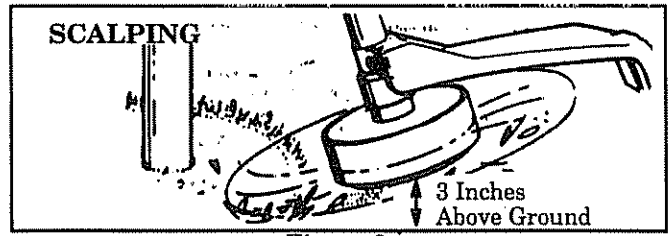


Figure 8

2. **SCALPING – FIGURE 8 .** The scalping technique removes unwanted vegetation. Hold bottom of the trimmer head about 3" (7.5 cm) above ground and at an angle. Allow the tip of the line to strike the ground around trees, posts, monuments, etc. *This technique increases line wear.*

3. **MOWING – Figure 9 .** Your trimmer is ideal for mowing in places conventional lawn mowers cannot reach. In the mowing position, keep the line parallel to the ground. Avoid pressing the head into the ground as this can scalp the ground and damage the tool.

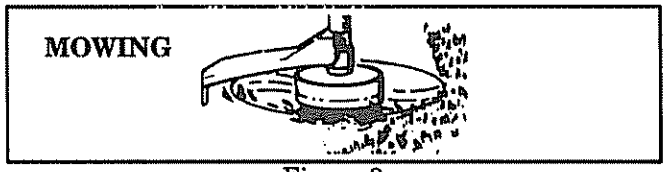


Figure 9

4. **SWEEPING – Figure 10 .** The fanning action of the rotating line can be used for a quick and easy clean up. Keep the line parallel to and above the surfaces being swept and move the tool from side to side.

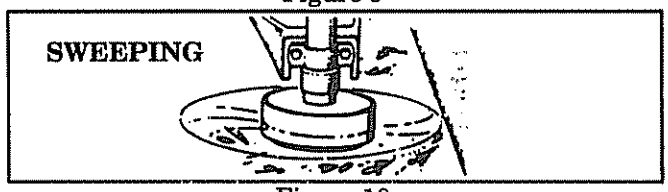


Figure 10

D. LINE REPLACEMENT

- **For proper line feed:**
  - **Use only genuine Sears pre–wound spools and .080" diameter line.** Use of other types of spools or lines can result in excessive breakage, line welding and improper line feed.
  - **Pre–wound spools offer the most convenient method for replacing line** as well as optimum performance.
- **Always clean dirt and debris from the spool and hub** when performing any type maintenance.

1. Installing Spool w/Line

a. Hold the trimmer head as shown in Figure 11 . Press the two lock tabs and remove the cover. Figure 11 .
b. Remove the spool. Figure 12 .
c. Clean dirt and debris from all parts.
d. Inspect all trimmer head parts for damage. Replace damaged parts.

⚠ WARNING
Trimmer head parts that are chipped, cracked or damaged in any way can fly apart and cause serious injury. Do not use. Replace damaged parts before using the tool.

e. Catch the line in the notch in the spool. Figure 13 (inset). Leave about 4" (10 cm) of line hanging from the spool.
f. Place your index finger over the line and notch as shown in Figure 13 . Insert the end of the line in the line exit hole. Figure 13 .
g. Align the line and notch with the line exit hole. Figure 13 . Place spool in hub. Make sure the trimmer line is not caught between the rim of the spool and the hub.

NOTE: To seat the spool in the hub, it may be necessary to pull the line through the line exit hole until the spool drops into place.

h. Align the lock tabs on the cover over the catches on the hub. Push the cover down onto the hub until the parts snap together. Figure 14 .

⚠ WARNING
The lock tabs must be latched onto the Hub. If installed incorrectly, the Cover can fly off and become a dangerous missile.

i. Check to make sure the lock tabs are properly fastened as shown in Figure 14 (inset).
j. Obtain correct line length of 4 inches (10 cm) by pressing the tap button (Figure 15) and pulling on the line again.

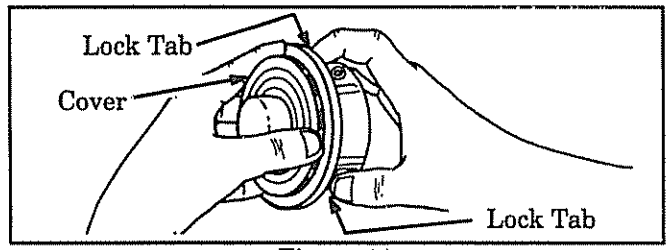


Figure 11

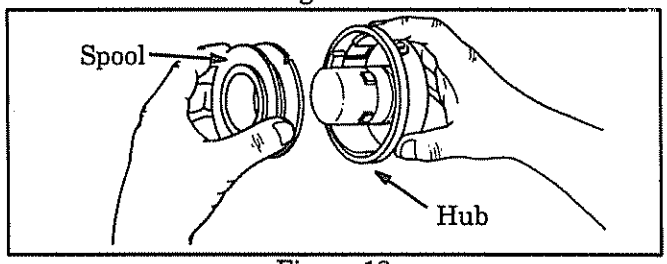


Figure 12

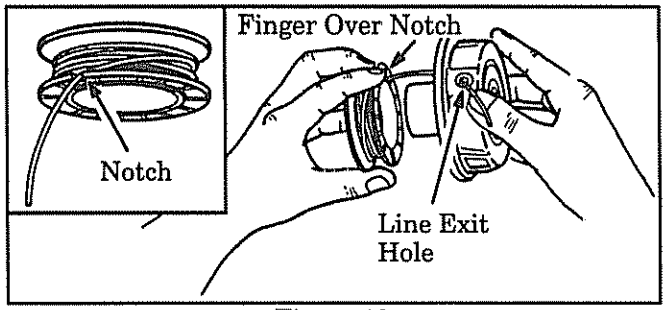


Figure 13

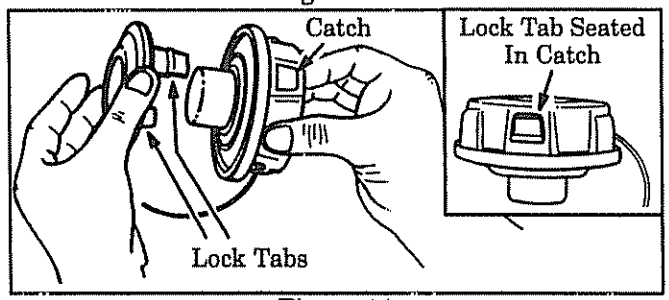


Figure 14

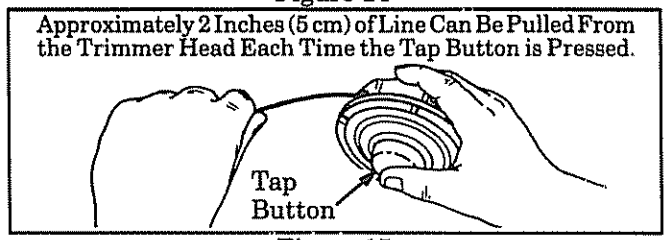


Figure 15

NOTE: If tap button gets knocked out of the hub, reassemble parts as follows:

- Remove the cover and spool.
- Place the spring in the hub cylinder. Figure 16 .
- Place the tap button over the spring and hub cylinder.
- Align the slots in the tap button with the fins in the base of the hub. Figure 16 . Firmly push parts together.
- Reinstall the spool and cover.

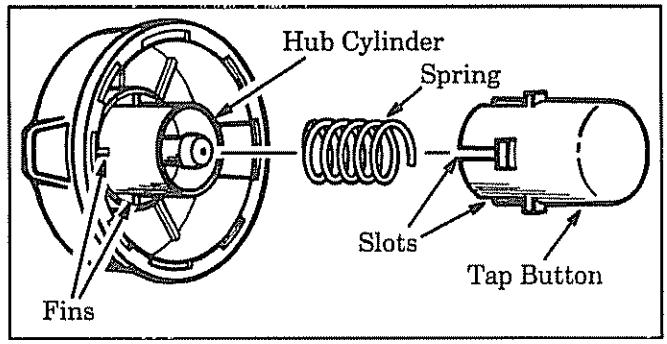


Figure 16

2. Installing Line on Spool

a. To replace the line on existing spool:

1.) Follow "Installing Spool w/Line," steps "a.–d." and remove any line remaining on the spool.

2.) Use a 25 foot length of Sears .080" (2 mm) diameter line.

3.) Insert 1/16 to 1/8 inch (1.6 – 3.2 mm) of the end of the line through the hole in the inner rim of the spool. Figure 17 . Allow no more than 1/8" (3.2 mm) line to extend beyond the rim to avoid interference with tapping action.

4.) Wrap line onto the spool firmly and evenly in the direction shown by the arrow on the spool. Figure 17 .

NOTE: The line must be wrapped firmly and evenly for proper line feed.

5.) Follow "Installing Spool w/Line" steps "e.–j."

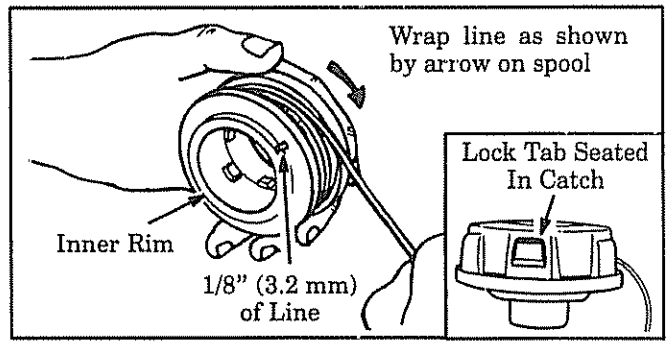


Figure 17

b. If the line breaks off or backs up in the trimmer head, follow "Installing Spool w/ Line," steps "a.–d." Pull slack in line until the line is tightly wound on spool, leaving 4–6 inches (10 – 15 cm) of extended line. Continue with steps "e.–j."

3. Trouble Shooting the Trimmer Head and Line

- **Does not advance or breaks while cutting:**
  - Improperly wound onto spool.
  - Line size incorrect.
  - Too little line outside head.
- **Pulls back into head:**
  - Too little line outside of head.
- **Welds onto spool:**
  - Line size incorrect.
  - Crowding line against material being cut.
  - Cutting at higher speeds than necessary.

NOTES

CUSTOMER RESPONSIBILITY – General Maintenance

A. MAINTENANCE SAFETY

1. **Maintain the tool according to recommended procedures.** Keep the cutting line at the proper length.
2. **Disconnect the spark plug before performing maintenance** except for carburetor adjustments.
3. **Make carburetor adjustments with the lower end supported to prevent trimmer line from contacting any object.**
4. **Keep others away when making carburetor adjustments.**
5. **Replace trimmer head parts that are cracked, chipped, broken, or damaged in any other way before using the unit.**
6. **Use only .080" diameter SEARS line.** Never use wire, rope, string, etc.
7. **Use only genuine SEARS replacement parts as recommended.**
8. **Inspect the entire unit.** Replace damaged parts. Check for fuel leaks and make sure all fasteners are in place and securely fastened.

B. STARTER ROPE

⚠ WARNING
Do not remove the pulley tab and screw or the pulley. The spring beneath the pulley is under tension and can fly out and cause serious injury. If any part of pulley housing assembly is damaged (other than the rope), do not use the tool. Take it to your SEARS Service Center/Dept.

1. Disconnect spark plug wire. Figure 18.
2. Remove the screw and nut from the throttle trigger housing.
3. Remove the barrel end of the throttle cable from the throttle trigger.
4. Carefully remove throttle cable from foam grip.
5. Loosen the two "Nose Cone" screws and remove the tube from the front shroud. Figure 18.
6. Remove the six front shroud screws with the small hex wrench provided. Figure 18.
7. Separate front shroud from engine. Figure 18.
8. Remove rope retainer screw. Figure 19. Remove any remaining rope.
9. Hand turn the pulley clockwise as far as it will go. Then, turn the pulley counterclockwise until the pulley notch is aligned with the housing notch. Figure 20. Next, turn the pulley one complete turn counterclockwise until the notches are aligned again.
10. Insert the small hex wrench into the hole formed by the notches to hold the pulley in position. Figure 20 (inset–upper right).
11. Use a 42" length of replacement rope.
12. Move away 10 feet (3 meters) from the fuel tank with the replacement rope. Use a match and melt both ends of the rope to prevent fraying.
13. Pull melted ends through a thick, clean rag while the rope is still hot to obtain smooth, pointed ends.
14. Insert one end of the rope through the handle and secure with a knot. Leave a 3/16" pigtail behind the knot. Figure 20 (inset–upper left).
15. Insert the other end of the rope through the rope exit hole into the inside of the housing, into the pulley and up through the pulley hole. See Figure 20 (inset–upper right).
16. Wrap rope counterclockwise around the pulley ratchet and tuck the loose end under the rope at the pulley hole. Figure 19. Leave a 1 inch tail laying flat on top of the pulley *between* the retainer rib and the retainer screw/post. Figures 19 & 20.
17. Reinstall the retention screw and pull firmly on the rope to tighten it against the pulley ratchet.
18. Hold rope taut at the rope exit hole and remove the hex wrench. Figure 20 (inset, upper right).
19. Slowly feed the rope into the pulley housing.
20. Reverse steps 1 through 4 to re–assemble.

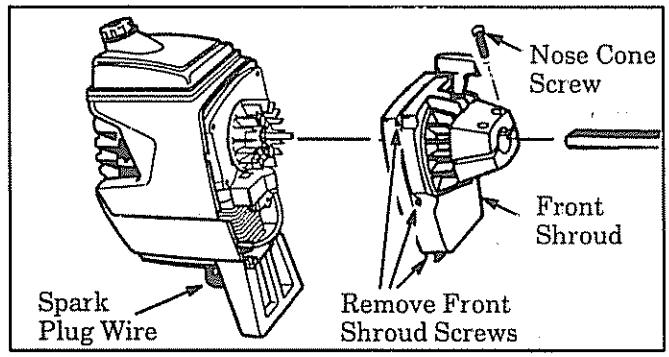


Figure 18

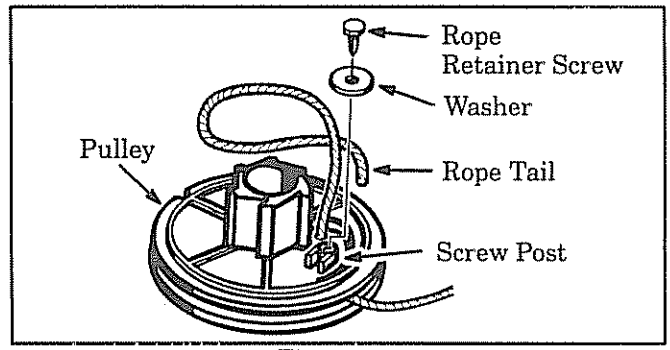


Figure 19

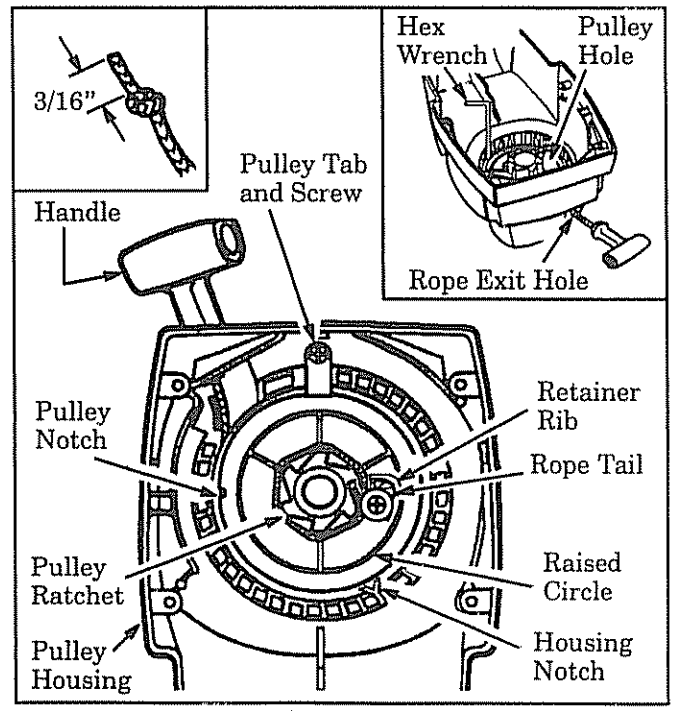


Figure 20

C. CARBURETOR ADJUSTMENTS

YOUR SEARS PRODUCT HAS BEEN DESIGNED AND MANUFACTURED TO SPECIFICATIONS THAT REDUCE HARMFUL EMISSIONS. After your unit has been run for 5 hours, the engine has broken-in. To ensure that your unit is at peak performance and producing the least amount of harmful emissions *after* break-in, have your SEARS Service Center/Department adjust your carburetor for optimum operating conditions. *This service is not covered by warranty.*

NOTE: Properly adjusting the carburetor is a complicated task. Read all warnings and instructions thoroughly before starting adjustments. If you do not think that you completely understand all warnings and instructions, let your SEARS Service Center/Department perform these adjustments.

⚠ WARNING
Make carburetor adjustments with lower end supported to prevent trimmer line from contacting any object. Hold the tool with your hand; do not use optional shoulder strap for support.

⚠ WARNING
Keep others away when making carburetor adjustments.

⚠ WARNING
Serious injury to the operator and others can occur if the carburetor is not properly adjusted.

- **Poor engine performance can be a result of other causes such as dirty air filter, carbon build-up on muffler outlets, etc. See "Trouble Shooting Chart" before proceeding with carburetor adjustments.**
- **For best results, it is recommended that you have your SEARS Service Center/Department make all carburetor adjustments.** Your dealer has the training, experience, and tools necessary to properly adjust your unit to meet our factory performance specifications. *This service is not covered by warranty.* If it becomes necessary for you to make carburetor adjustments yourself, follow the described procedures very carefully.
- **Very small adjustments can affect engine performance.** It is important to turn the screw a very small amount per adjustment and test performance before making further adjustments. Each adjustment should be no more than the width of the slot in the adjusting screw.
- **This is a complicated task and it is important to follow instructions in sequence as indicated.**

1. TROUBLE SHOOTING SUGGESTIONS

- Engine will not continue to run at idle position. See "Idle Speed Adjustment" and "Mixture Adjustment."
- Engine dies or hesitates when it should accelerate. See "Acceleration Check."
- Loss of cutting power which cannot be corrected by cleaning the air filter. See "Mixture Adjustment."
- Engine does not return to idle from full throttle within 2 seconds. See "Deceleration Check."
- Engine will not run. See "Trouble Shooting Chart." Then, if carburetor requires adjustment, begin with "Basic Carburetor Settings."

⚠ WARNING
The trimmer head will be spinning during this procedure. Wear your protective equipment and observe all safety instructions.

2. BASIC CARBURETOR SETTINGS

NOTE: In most cases, your engine can be made to run properly with minor carburetor adjustments. Refer to "Trouble Shooting Suggestions" in the left column for the condition you are experiencing and follow the instructions. The basic carburetor settings are provided below.

Turn the mixture screw (Figure 21) to the midpoint. *Do not attempt to adjust the screw beyond the stops as damage can occur.*

3. ADJUSTING PROCEDURE

a. PREPARATION

1. Use a fresh fuel mix. See "Fueling Your Engine."
2. Make sure the line extends to the length allowed by the line limiter to provide correct load on engine.
3. Start the engine. Cut grass for 3 minutes to warm engine. *The engine must be at operating temperature before carburetor adjustments can be performed correctly.*

b. IDLE SPEED ADJUSTMENT

1. Allow engine to idle.
2. Adjust idle speed screw (Figure 21) until engine continues to run without stalling.
   - *Turn screw clockwise to increase engine speed if the engine stalls or dies.*
   - *Turn screw counterclockwise to slow engine down.*
3. Follow instructions in "Acceleration Check" and "Deceleration Check."
4. No further adjustments are necessary if performance is satisfactory.

c. ACCELERATION CHECK

1. Allow engine to idle.
2. Squeeze trigger fully.
   a. **If performance is satisfactory,** proceed to "d. Deceleration Check."
   b. **If the engine does not accelerate smoothly,** turn the mixture screw (Figure 21) counterclockwise a small amount (no more than the width of the slot in the adjusting screw).
3. Repeat step "2." until smooth acceleration is obtained. *Do not attempt to adjust the screw beyond the stops as damage can occur.*

NOTE: It may be necessary to repeat "Idle Speed Adjustment" through "Acceleration Check," to obtain correct adjustments.

4. Follow instructions in "Deceleration Check."

d. DECELERATION CHECK

1. Allow engine to idle, then squeeze throttle trigger fully.
2. Allow engine to run at full speed for about 1 second.
3. Release the throttle trigger to the idle position and listen to the deceleration of the engine. It must return to idle smoothly and within 1 to 2 seconds.
   a. **If performance is satisfactory,** no further adjustments are neccessary.
   b. **If the engine slowly or erratically returns to idle or idles erratically,** proceed to "Mixture Adjustment."

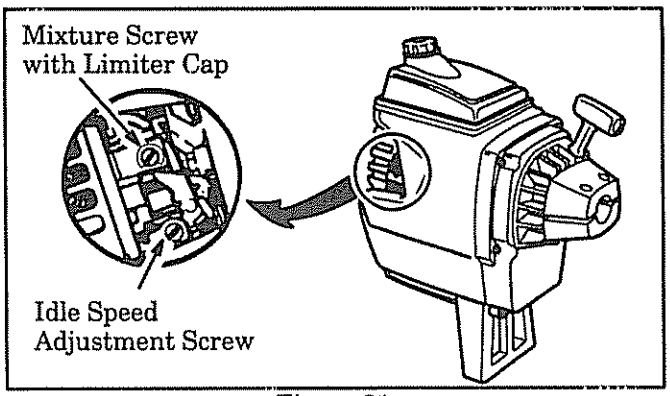


Figure 21

e. MIXTURE ADJUSTMENT

CAUTION: Do not operate engine at full throttle for prolonged periods while making mixture adjustments as damage to the engine can occur.

1. Support the lower end so the trimmer head is off the ground and the line will not make contact with any object.
2. Start the engine. Allow engine to idle, then squeeze throttle trigger fully.

NOTE: Perform steps "3." through "4.," at full throttle.

3. Turn the mixture screw (Figure 21) very slowly counterclockwise until it stops. *Do not attempt to adjust the screw beyond the stops as damage can occur.*
4. Turn the mixture screw slowly the minimum amount clockwise until the engine runs smoothly. *Do not attempt to adjust the screw beyond the stops as damage can occur.*
5. Follow instructions in "Acceleration Check" and "Deceleration Check".

CAUTION: If the engine does not operate according to these instructions after repeating the adjusting steps, do not use the unit. Take it to your SEARS Service Center/Department.

D. AIR FILTER

NOTE: A dirty air filter decreases the life and performance of the engine and may increase fuel consumption and harmful emissions.

1. **Clean the Air Filter:**
   - **Always after 5 tanks of fuel or 5 hours of operation, whichever is less.**
   - **More frequently, in dusty conditions.**

   NOTE: If replacing the air filter, refer to the Accessory List for the proper part number.
   a. Loosen the two screws on the air filter cover enough to remove the cover from the engine. Figure 22 .
   b. Remove air filter from the cover. Figure 22 .
   c. Wash filter in soap and water.
   d. Squeeze filter dry and replace in cover.

CAUTION: Do not clean the air filter in gasoline or other flammable solvent to avoid creating a fire hazard.

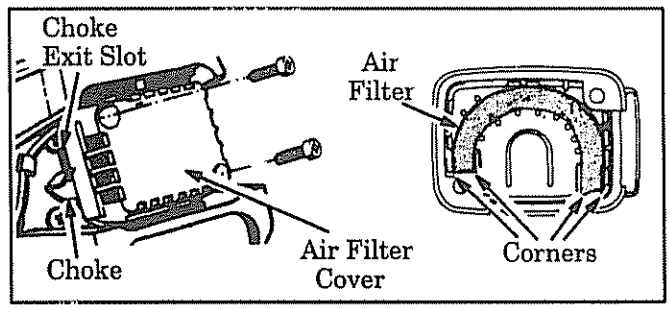


Figure 22

e. Reinstall the air filter cover, making sure the choke exit slot (Figure 22) is placed over the choke lever.

CAUTION: Make sure the air filter is fitted into the corners of the cover to keep dust from entering the engine and causing engine damage.

E. SPARK PLUG -- Replace the spark plug yearly.

NOTES

F. DRIVE SHAFT LUBRICATION

- **Lubricate the Drive Shaft:**
  - **After each ten (10) hours of operation.**
  - **Before operating if the tool has been stored for 90 days or longer.**
- **To order flex shaft lube, see the Accessory List for the proper part number.**
- **Use the following procedure:**

⚠ WARNING
If engine is hot, avoid touching the muffler. A hot muffler can cause serious burns.

CAUTION: Lay drive shaft on a clean surface. Avoid laying the shaft on the floor, ground, or on any other surface that may have dirt or debris. Even after wiping shaft, grease residue can pick up particles that can cause damage or premature failure.

CAUTION: Take care to avoid injuring your hands and fingers with broken wires when checking for damage or wiping the shaft. A cloth will not prevent broken wires from puncturing or tearing your skin.

1. Disconnect spark plug wire. Figure 18 .
2. Remove the screw and nut from the throttle trigger housing.
3. Remove the barrel end of the throttle cable from the throttle trigger.
4. Carefully remove the throttle cable from the foam grip.
5. Loosen the "nose cone" screws and remove the tube from the engine.
6. Remove drive shaft from the tube. Figure 23 .
7. Check the drive shaft for broken wires, twists, or kinks, and replace if damage is found.
8. Using a clean cloth, wipe the drive shaft thoroughly to remove any old grease.
9. Apply a uniform coat of lube to the entire surface of the drive shaft.
10. Inject the remaining contents of the container into the top of the tube.
11. Replace drive shaft in the tube.
12. Reassemble the tube to the engine, and reinstall the throttle cable. Tighten all screws securely.

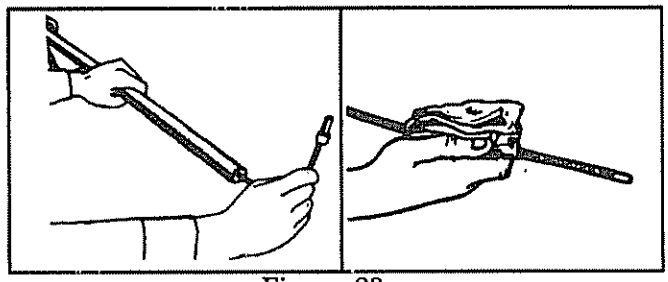


Figure 23

STORAGE

Immediately prepare your unit for storage at the end of the season or if it will not be used for 30 days or more.

WARNING:
ALLOW THE ENGINE TO COOL, AND SECURE THE UNIT BEFORE STORING OR TRANSPORTING IT IN A VEHICLE.

STORE UNIT AND FUEL IN AN AREA WHERE FUEL VAPORS CANNOT REACH SPARKS OR OPEN FLAMES FROM WATER HEATERS, ELECTRIC MOTORS OR SWITCHES, FURNACES, ETC.

STORE UNIT WITH ALL GUARDS IN PLACE. POSITION SO THAT ANY SHARP OBJECT SUCH AS BLADES CANNOT ACCIDENTLY CAUSE INJURY TO PASSERS BY.

STORE THE UNIT OUT OF THE REACH OF CHILDREN.

GAS TRIMMER/BRUSHCUTTER STORAGE INSTRUCTIONS

If your trimmer/brushcutter is to be stored for a period of time, clean it thoroughly prior to storage. Remove any dirt, sawdust, leaves, oil, grease, etc. Store in a clean dry area.

- Clean the entire unit.
- Clean air filter. Refer to "Customer Responsibilities".
- Open the line head assembly and clean any dirt, grass or debris that has collected. Inspect the cutting line, if old (chalky look and sticky to the touch), remove and discard. Install fresh new line the next time product is to be used.
- Lightly oil external metal surfaces to prevent rust from forming.

CAUTION: Wear protective gloves when handling blade. The blade is sharp and can cut you even when it is not moving.

- If your unit is equipped with a blade, remove it from the unit. Refer to "Assembly". Apply a coating of oil to the entire surface of the blade and wrap it in heavy paper, cloth, or plastic. Also apply a light coat of oil to gear housing threads, then tighten blade nut securely for storage.
- Reassemble all loose parts, being sure that all handles and guards are in place and are securely fastened. Replace any damaged parts.

ENGINE

Never use engine or carburetor cleaner products in the fuel tank or permanent damage may occur to fuel system components.

Follow these instructions:

1. Drain the fuel from the unit into an approved fuel container.
2. Drain the fuel lines and carburetor by starting the engine and letting it run until it stops.
3. Allow the engine to cool before storage.

IMPORTANT: It is important to prevent gum deposits from forming in essential fuel system parts such as the carburetor, fuel filter, fuel line or tank during storage. Also, experience indicates that alcohol blended fuels, those that use ethanol or methanol (called gasohol or oxygenated fuel), can attract moisture and form acidic gas which will damage your engine. To avoid engine problems, the fuel system should be emptied before storage of 30 days or longer.

NOTE: Fuel stabilizer is an acceptable alternative in minimizing the formation of fuel gum deposits during storage. Add stabilizer to the gasoline in the fuel tank or fuel storage container. Always follow the mix instructions found on stabilizer container. Run engine at least 5 minutes after adding stabilizer to allow the stabilizer to reach the carburetor.

NOTE: Craftsman 40:1 2-cycle engine oil is specially blended with fuel stabilizers. If you do not use this SEARS oil, you can add a fuel stabilizer (such as Craftsman #33500) to your fuel tank.

- Remove spark plug and pour 1 teaspoon of 40:1 oil mix through the spark plug opening. Slowly pull the starter rope 8 to 10 times to distribute oil to inner engine surfaces.
- Replace spark plug with a new one of the recommended type and heat range. Refer to "Product Specifications".
- Clean air filter. Refer to "Customer Responsibilities".
- Reinstall all covers and hardware removed for access; tighten all screws and fasteners.
- Check entire unit for loose screws, nuts, and bolts. Replace any damaged, broken, or worn parts.
- Use fresh fuel having the proper gasoline to oil ratio at the beginning of the next season.

OTHER

- Do not store gasoline from one season to another.
- Replace your gasoline can if your can starts to rust. Rust and/or dirt in your fuel system will cause problems.
- Store your unit in a well ventilated area and covered, if possible, to prevent dust and dirt accumulation. Do not cover with plastic. Plastic cannot breathe and will induce condensation and eventual rust or corrosion.

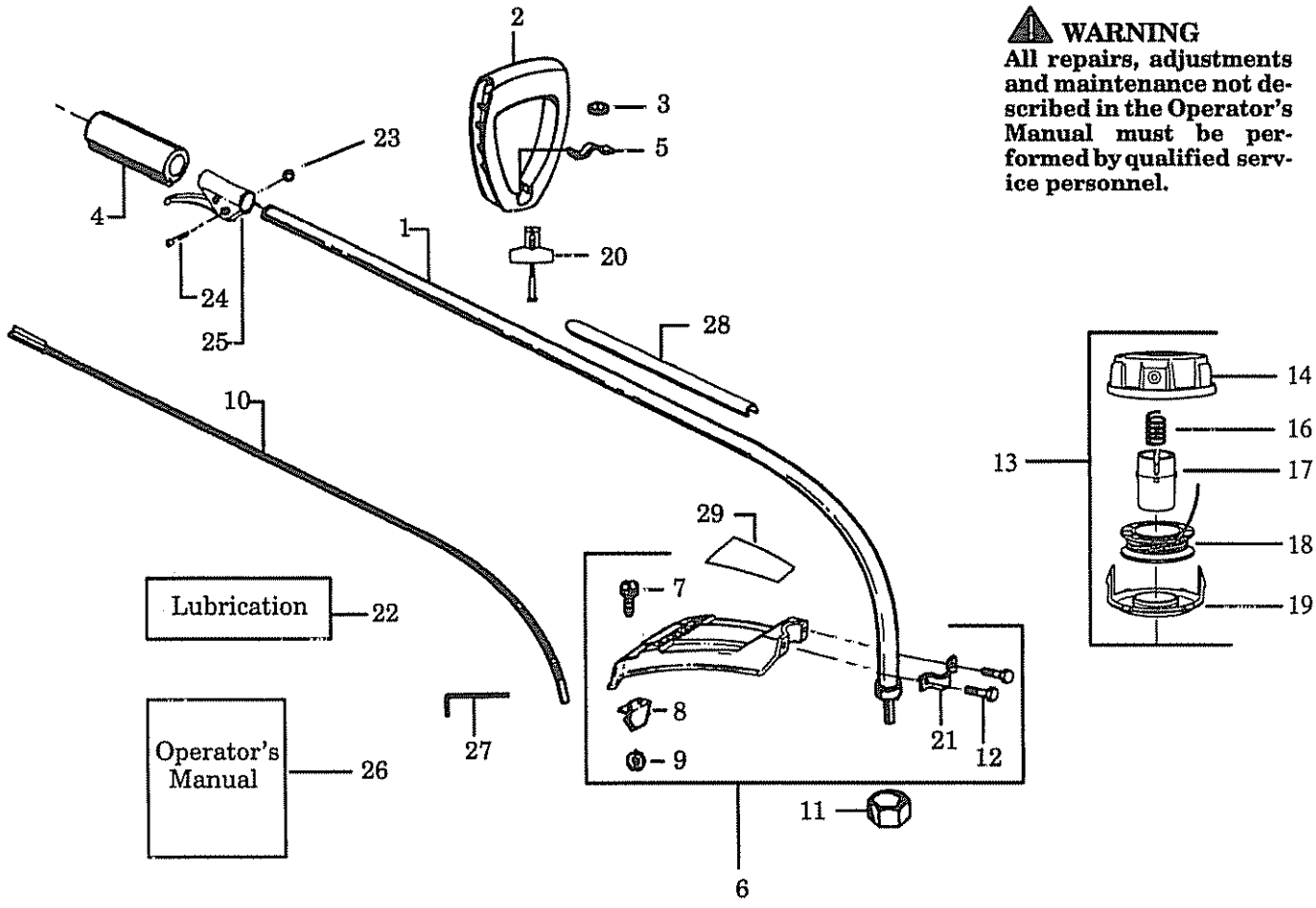
IMPORTANT: Never cover unit while engine and exhaust areas are still warm.

G.TROUBLE SHOOTING CHART

SYMPTOM	CAUSE	REMEDY
Engine will not start or will run only for a few seconds after starting.	1. Fuel tank empty. 2. Engine flooded. 3. Spark plug not firing. 4. Fuel not reaching carburetor. 5. Carburetor requires adjustment. 6. None of the above.	1. Fill tank with correct fuel mixture 2. See "Starting Instructions." 3. Install new plug/check ignition system. 4. Clean fuel filter; inspect fuel line. 5. See "Carburetor Adjustments." 6. Contact your SEARS Service Center/Dept.
Engine will not idle properly.	1. Carburetor requires adjustment. 2. None of the above.	1. See "Carburetor Adjustments." 2. Contact your SEARS Service Center/Dept.
Engine will not accelerate,lacks power, or dies under a load.	1. Air filter dirty. 2. Spark plug fouled. 3. Carburetor requires adjustment. 4. Muffler outlets plugged. 5. None of the above.	1. Clean or replace air filter. 2. Replace spark plug and gap. 3. See "Carburetor Adjustments." 4. Contact your SEARS Service Center/Dept. 5. Contact your SEARS Service Center/Dept.
Engine smokes excessively.	1. Air filter dirty. 2. Fuel mixture incorrect. 3. Carburetor requires adjustment.	1. Clean or replace air filter. 2. See "Fueling Your Unit." 3. See "Carburetor Adjustments."
Engine runs hot.	1. Fuel mixture incorrect. 2. Carburetor requires adjustment. 3. Spark plug incorrect. 4. None of the above.	1. See "Fueling Your Unit." 2. See "Carburetor Adjustments." 3. Replace with correct plug. 4. Contact your SEARS Service Center/Dept.
Cutting Head stops under a load or does not turn when engine is accelerated.	1. Drive shaft not engaged. 2. Drive shaft broken.	1. Replace; see "Assembly". 2. Contact your SEARS Service Center/Dept
Line does not advance or breaks while cutting.	1. Line improperly routed in head. 2. Line improperly wound onto spool. 3. Line size incorrect. 4. Too little line outside head. 5. Dirt accumulated on cover cut–outs.	1. Remove cover. Check line routing. 2. Rewind line tightly and evenly. 3. Use only .080" diameter line. 4. Remove cover. Pull 4" of line to outside. 5. Clean cover cut–outs.
Line welds on spool.	1. Line size incorrect. 2. Crowding line against material being cut. 3. Cutting at higher speed than necessary.	1. Use only .080" diameter line. 2. Cut with tip of line. 3. Reduce cutting speed.
Line releases continuously.	1. Tap Button engaged.	1. Remove and clean Tap Button.
Line usage is excessive.	1. Line size incorrect. 2. Cutting at high speed around hard objects. 3. Crowding line against material being cut.	1. Use only .080" diameter line. 2. Reduce speed around hard objects. 3. Cut with tip of line.
Line pulls back into head.	1. Too little line outside of head. 2. Line size incorrect.	1. Remove cover. Pull 4" of line to outside. 2. Use only .080" diameter line.

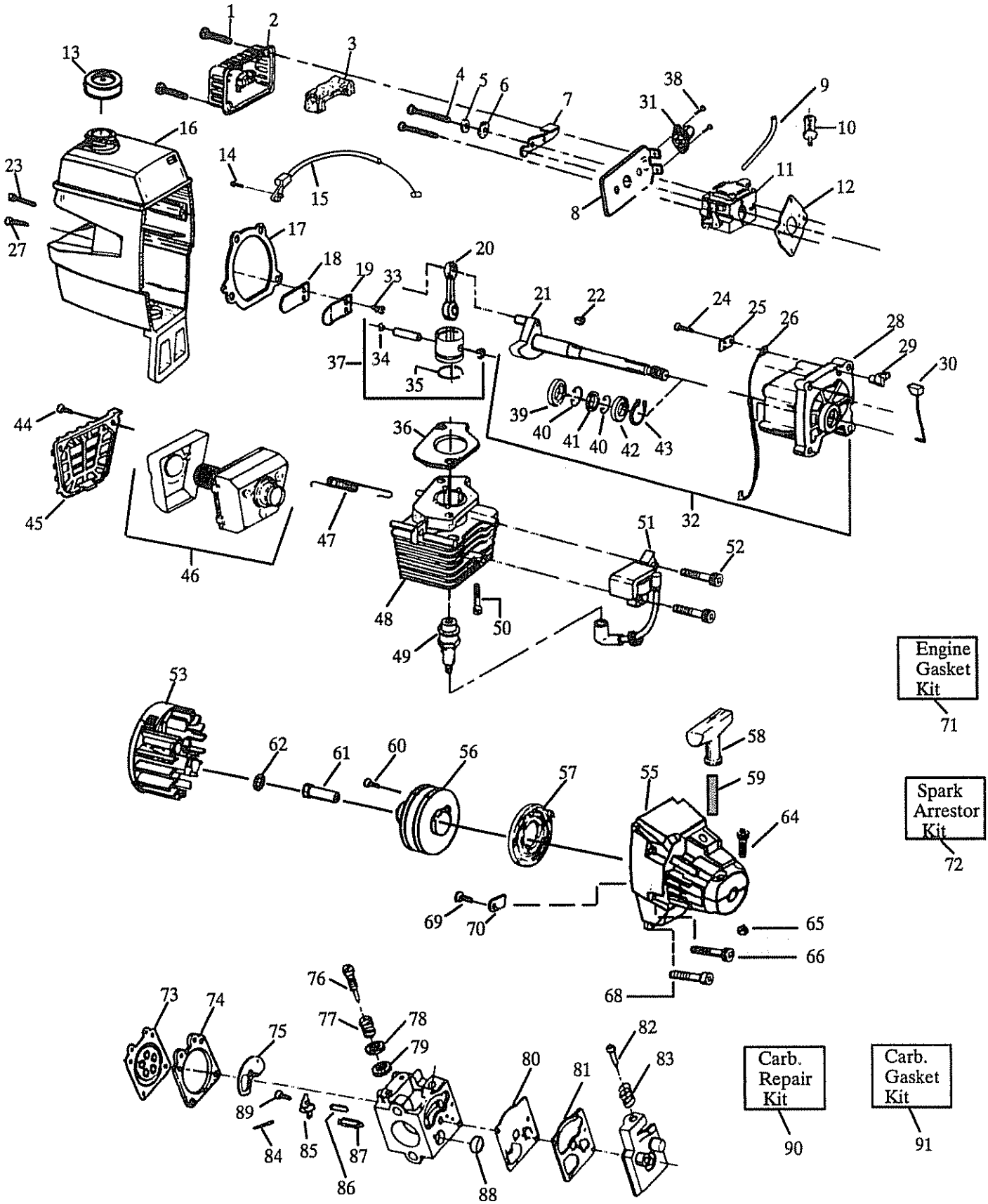
SEARS WEEDWACKER® REPAIR PARTS LIST – 358.799240–32.0cc

⚠ WARNING
All repairs, adjustments and maintenance not described in the Operator's Manual must be performed by qualified service personnel.



Key No.	Part No.	Description	Key No.	Part No.	Description
1	530–014964	Drive Shaft Ass'y.	17	530–094827	Release Button
2	530–014222	Handle	18	71–85811	Spool w/Line
3	530–015610	Nut	19	530–094828	Cover
4	530–029445	Drive Shaft Grip	20	530–069252	"T" Handle Ass'y.
5	530–094742	Clamp	21	530–093653	Bracket
6	530–069249	Shield Kit Ass'y. (Incl. #7,8,9 & 12)	22	952–030139	Shaft Lubrication
			23	530–015768	Nut
7	STD511010	Screw	24	530–015774	Screw
8	530–094570	Line Limiter	25	530–010959	Throttle Lever Ass'y.
9	STD541010	Nut	26	530–082486	Operator's Manual
10	530–095176	Flexible Drive Shaft	27	530–031111	Hex Wrench (5/32)
11	530–094543	Dust Cup	28	530–029159	Shaft Warning Decal
12	530–092243	Screw	29	530–038320	Shield Decal
13	71–85803	Cutting Head Ass'y.			
14	530–094878	Hub Ass'y.			
16	530–094830	Spring			

SEARS WEEDWACKER® REPAIR PARTS LIST – 358.799240–32.0cc



SEARS WEEDWACKER® REPAIR PARTS LIST – 358.799240–32.0cc

Key No.	Part No.	Description
1	530–015773	Screw
2	530–027529	Air Filter Cover
3	530–027530	Air Filter
4	530–015849	Screw
5	530–015852	Spacer
6	530–015254	Wave Washer
7	530–038103	Choke Shutter
8	530–037930	Air Filter Plate
9	–	Fuel Line Kit
	530–069247	Fuel Line
	530–069571	Return Line
10	530–014362	Fuel Pick–up Ass'y.
11	530–069568	Carburetor
12	† 530–019156	Carburetor Gasket
13	530–014347	Fuel Cap Ass'y.
14	530–015775	Screw
15	530–037498	Throttle Cable Ass'y.
16	530–047095	Shroud & Tank Ass'y.
17	† 530–019154	Gasket
18	530–027593	Reed
19	530–027594	Reed Stop
20	530–010960	Connecting Rod Ass'y. (Incl. Bearings)
21	530–010945	Crankshaft Ass'y.
22	530–015126	Flywheel Key
23	530–015772	Screw
24	530–015780	Screw
25	530–027546	Switch Insulator
26	530–027547	Lead Wire
27	530–015771	Screw
28	530–014016	Crankcase Ass'y. (Incl. #39–42)
29	530–027545	Switch Ramp
30	530–027543	Switch Spring Ass'y.
31	530–037972	Bulb Ass'y.
32	530–014004	Crankcase & Crankshaft Ass'y. (Incl. #21,28, 38 & 43)
33	530–016064	Screw
34	530–015162	Piston Pin Retainer
35	530–025875	Piston Ring
36	† 530–019178	Cylinder Gasket
37	530–069275	Piston Kit (Incl. #34,35 & pin)
38	530–016091	Screw
39	530–032103	Inner Bearing
40	530–015787	Retaining Ring
41	530–019158	Crankshaft Seal
42	530–032102	Outer Bearing
43	530–015789	Crankshaft Retaining Ring
44	530–015717	Screw
45	530–027781	Muffler Guard
46	530–069257	Muffler Kit
47	530–036409	Muffler Spring
48	530–012235	Cylinder
49	530–030077	Spark Plug
50	530–015239	Screw
51	530–039134	Ignition Module Kit
52	530–015128	Screw
53	530–039111	Flywheel Ass'y.
55	530–014047	Fan Housing Ass'y.
56	530–069291	Starter Pulley Kit (Incl. #60)
57	530–029395	Starter Spring
58	530–027569	Starter Handle
59	530–069232	Rope Kit
60	530–016080	Screw
61	530–027953	Drive Coupling
62	530–015828	Washer
64	530–015767	Screw
65	530–015768	Locknut
66	530–015770	Screw
68	530–015769	Screw
69	530–015496	Screw
70	530–027523	Pulley Retainer
71	530–069276	Engine Gasket Kit (†Indicates Contents)
72	952–701612	Spark Arrestor Kit
73	530–035014	*+ Metering Diaphragm
74	530–035151	*+ Metering Diaphragm Gasket
75	530–035211	*+ Circuit Plate Gasket
76	530–035341	Mixture Needle
77	530–035342	Mixture Needle Spring
78	530–035217	Mixture Needle Washer
79	530–035218	*+ "O" Ring Mixture
80	530–035166	*+ Fuel Pump Diaphragm
81	530–035164	*+ Fuel Pump Gasket
82	530–035203	Idle Speed Screw
83	530–035208	Idle Speed Spring
84	530–035028	* Metering Lever Pin
85	530–035031	* Metering Lever
86	530–035188	* Metering Lever Spring
87	530–035106	* Inlet Needle Valve
88	530–035178	* Fuel Inlet Screen
89	530–035016	Metering Lever Pin Screw
90	530–035264	Carb. Kwik Repair Kit (*Indicates Contents)
91	530–035219	Carb. Gasket/Diaphragm Kit (+Indicates Contents)

Not Shown

	530–038323	Instruction Decal
	530–014846	Ass'y. Parts Bag
	530–085095	Carton

SEARS

Operator's Manual

Model No.
358.799240–32cc

How to Order Repair Parts

SEARS SERVICE IS AT YOUR SERVICE

CUSTOMER ASSISTANCE
1–800–235–5878

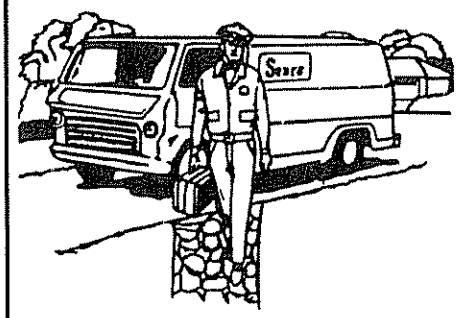
The Model Number will be found below the top handle with the Serial Number. Always mention the Model Number when requesting service or repair parts for your unit.

All parts listed herein may be ordered from any Sears Service Center and most Sears Stores.

WHEN ORDERING REPAIR PARTS ALWAYS GIVE THE FOLLOWING INFORMATION AS SHOWN IN THIS LIST:

1. The PART NUMBER
2. The MODEL NUMBER
   358.799240–32cc
3. The PART DESCRIPTION
4. The NAME OF ITEM – –
   32cc Gas Weedwacker

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



When you buy merchandise from Sears you get an extra value that nobody else can offer – – Sears Service.

Across town or across the country, Sears Service is always near, providing trustworthy, competent service technicians using only Sears specified factory parts.

Your Sears Merchandise takes on added value when you discover that Sears has Service Units throughout the country. Each is staffed by Sears–Trained, professional technicians using Sears approved methods.

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