

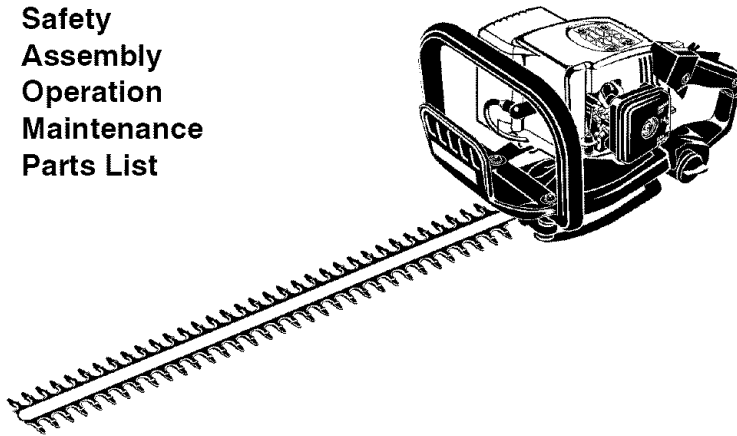
# Instruction Manual



## 25cc / 1.5 cu.in. 2-Cycle GASOLINE HEDGE TRIMMER

Model No.  
**C944.514323 – 22" Blade**

- Safety
- Assembly
- Operation
- Maintenance
- Parts List



### **WARNING:**

Read and follow all Safety Rules and Operating Instructions before first use of this product.

Sears Canada, Inc., Toronto, Ontario M5B 2B8

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## WARRANTY STATEMENT

### LIMITED TWO (2) YEAR WARRANTY FOR CRAFTSMAN® GAS POWERED HEDGE TRIMMER

For two (2) years from the date of purchase Sears Canada, Inc., will repair or replace free of charge, at Sears option, parts which are defective as a result of materials or workmanship.

#### COMMERCIAL OR RENTAL USE:

If this Gas Hedge Trimmer is used for commercial application the warranty is void.

This warranty does NOT cover:

1. Expendable items which become worn during normal use, such as blades, starter rope, spark plugs, and filter.
2. Pre-delivery setup.
3. Customer neglect; operating Hedge Trimmer without proper fuel mixture.

Warranty service is available by returning the Gas Hedge Trimmer to the nearest Sears Service Centre/Department in Canada. This warranty applies only while this product is in use in Canada.

This warranty is in addition to any statutory warranty and does not exclude or limit legal rights you may have but shall run concurrently with applicable provincial legislation. Furthermore, some provinces DO NOT allow limitation on how long an implied warranty will last so the above limitations may not apply to you.

**Sears Canada, Inc., Toronto, Ontario M5B 2B8**

## SAFETY RULES

**⚠ DANGER:** *THIS POWER TOOL CAN BE DANGEROUS!* This unit can cause serious injury including amputation 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. Never allow children to use this tool.

**⚠ WARNING:** Failure to follow all Safety Rules and Precautions can result in serious injury.



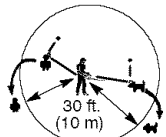
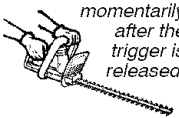

### KNOW YOUR UNIT

- Read your instruction manual carefully until you completely understand and can follow all warnings and safety rules before operating the unit.
- Restrict unit to users who understand and will follow all warnings and safety rules in this manual and on the unit.

### PLAN AHEAD

**⚠ WARNING:** Inspect the area before starting the unit. Remove all debris and hard objects such as rocks, glass, wire, etc. that can ricochet, be thrown, or otherwise cause injury or damage during operation.

- Always wear eye protection when operating, servicing, or performing maintenance on unit. Wearing eye protection will help to prevent brush or debris from being thrown or ricocheting into eyes and face which can result in blindness and/or serious injury. Eye protection should be marked Z87.
- Wear hearing protection when using this unit.
- Secure hair above shoulder length. Secure or remove jewelry, loose clothing, or clothing with loosely hanging straps, ties, tassels, etc. They can be caught in moving parts.

 <p>Safety Glasses Boots</p>	 <p><b>WARNING:</b> Blades can throw objects violently.</p> <ul style="list-style-type: none"> <li>• You can be blinded or injured.</li> <li>• Wear safety glasses.</li> </ul>
	<p><b>WARNING:</b> Hazard zone for thrown objects</p> <ul style="list-style-type: none"> <li>• Blades can throw objects violently.</li> <li>• Others can be blinded or injured.</li> <li>• Keep people and animals 30 feet (10 m) away.</li> </ul>
<p>Blades move momentarily after the trigger is released.</p> 	<p><b>WARNING:</b> Blades move momentarily after the trigger is released.</p> <ul style="list-style-type: none"> <li>• The blades can seriously cut you or others.</li> <li>• Allow blades to stop before removing them from the cut.</li> </ul> 

- Stay alert. Do not operate unit when you are tired, ill, upset, or if you are under the influence of alcohol, drugs, or medication.
- Keep children, bystanders, and animals away from work area a minimum of 30 feet (10 meters) when starting or operating unit.

If situations occur which are not covered in this manual, use care and good judgment. If you need assistance, contact your Sears Service Centre.

#### HANDLE FUEL WITH CAUTION

- Eliminate all sources of sparks or flame (including smoking, open flames, or work that can cause sparks) in the areas where fuel is mixed, poured, or stored.
- Mix and pour fuel in an outdoor area; store fuel in a cool, dry, well ventilated place; use an approved, marked container for all fuel purposes.
- Do not smoke while handling fuel or while operating the unit.
- Do not fill fuel tank while engine is running.
- Make sure the unit is properly assembled and in good operating condition.
- Avoid spilling fuel or oil. Wipe up fuel spills before starting the engine.
- Move at least 10 feet (3 meters) away from fuel and fueling site before starting engine.
- Always store gasoline in a container approved for flammable liquids.

#### OPERATE YOUR UNIT SAFELY

- DANGER:** RISK OF CUT; KEEP HANDS AWAY FROM BLADE - Blade moves momentarily after the trigger is released. Do not attempt to clear away cut material when the blade is in motion. Make sure the ON/OFF switch is in the OFF position, the spark plug wire is disconnected, and the blade has stopped moving before removing jammed material from the cutting blade. Do not grab or hold the unit by the cutting blade.
- Inspect unit before each use for worn, loose, missing, or damaged parts. Do not use until unit is in proper working order.
  - Keep outside surfaces free from oil and fuel.
  - Never start or run engine inside a closed room or building. Breathing exhaust fumes can kill.
  - Avoid dangerous environments. Do not use in unventilated areas or where explosive vapors or carbon monoxide build up could be present.
  - Do not overreach or use from unstable surfaces such as ladders, trees, steep slopes, rooftops, etc. Keep firm footing and balance at all times.
  - Do not raise unit above your shoulders; the cutting blade can come dangerously close to your body.
  - Always keep unit in front of your body. Keep all parts of your body away from the cutting blade.
  - Keep the cutting blade and air vents free from debris.

- Use only for jobs explained in this manual.

#### **MAINTAIN YOUR UNIT PROPERLY**

- Have all maintenance and service not explained in this manual performed by a Sears Service Centre.
- Disconnect spark plug before performing maintenance except for carburetor adjustments.
- Do not use a cutting blade that is bent, warped, cracked, broken, or damaged in any other way. Have worn or damaged parts replaced by your Sears Service Centre.
- Use only recommended Craftsman® cutting blades and replacement parts; use of any other parts may void your warranty and cause damage to your unit.
- Empty fuel tank before storing the unit. Use up fuel left in carburetor by starting engine and letting it run until it stops.
- Hand carry the unit with the engine stopped and the muffler and cutting blade away from your body.
- Allow engine to cool, empty the fuel tank, and secure the unit before storing or transporting it in a vehicle.
- Do not store the unit or fuel in a closed area where fuel vapors can reach sparks or an open flame from hot water heaters, electric motors or switches, furnaces, etc.
- Store the unit so the cutting blade cannot accidentally cause injury.
- Store in a dry area out of reach of children.

**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 joints of people prone to circulation disorders or abnormal swelling. 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 joints, discontinue the use of this tool and seek medical attention. An antivibration 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.

**SPECIAL NOTICE:** Your hedge trimmer is equipped with a temperature limiting muffler and spark arresting screen which meets the requirements of California Codes 4442 and 4443. All U.S. forest land and the states of California, Idaho, Maine, Minnesota, New Jersey, Oregon, and Washington require by law that many internal combustion engines be equipped with a spark arresting screen. If you operate a hedge trimmer in a state or locale where such regulations exist, you are legally responsible for maintaining the operating condition of these parts. Failure to do so is a violation of the law. For normal homeowner use, the muffler and spark arresting screen will not require any service. After 50 hours of use, we recommend that your muffler and spark arresting screen be replaced by your Sears Service Centre.

## **ASSEMBLY**

#### **CARTON CONTENTS**

Check carton contents against the following list.

#### **Model C944.514323**

- Hedge Trimmer
- Scabbard
- 2-Cycle Engine Oil

Examine parts for damage. Do not use damaged parts.

**NOTE:** If you need assistance or find parts missing or damaged, contact your Sears Service Centre.

It is normal for the fuel filter to rattle in the empty fuel tank. Finding fuel or oil residue on muffler is normal due to carburetor adjustments and testing done by the manufacturer.

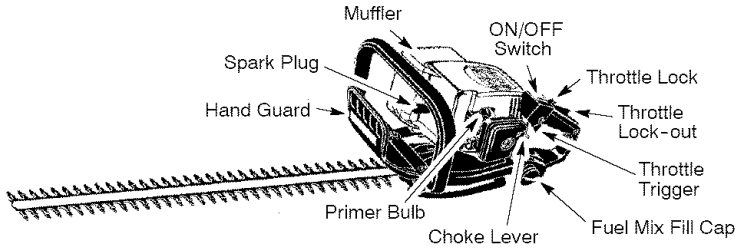
#### **ASSEMBLY**

Your hedge trimmer is fully assembled; no assembly is required.

# OPERATION

## KNOW YOUR HEDGE TRIMMER

READ THIS INSTRUCTION MANUAL AND SAFETY RULES BEFORE OPERATING YOUR UNIT. Compare the illustrations with your unit to familiarize yourself with the location of the various controls and adjustments. Save this manual for future reference.



### ON/OFF SWITCH

The ON/OFF SWITCH is used to stop the engine. To stop the engine, move the switch to the OFF position.

### CHOKE

The CHOKE helps to supply fuel to the engine to aid in cold starting. Activate the choke by moving choke lever to the desired position. See STARTING YOUR ENGINE for complete starting information.

### PRIMER BULB

The PRIMER BULB removes air from the fuel lines and fills them with fuel. This allows you to start the engine with fewer pulls on the starter rope. Activate the primer bulb by pressing it and allowing it to return to its original form.

### THROTTLE TRIGGER

The THROTTLE TRIGGER controls engine speed. Squeeze the trigger for full speed operation; release it for idle speed.

**WARNING:** Muffler is very hot during and after use. Do not touch the muffler or allow combustible material such as dry grass or fuel to do so.

### BEFORE STARTING ENGINE

**WARNING:** Be sure to read the fuel information in the safety rules before you begin. If you do not understand the safety rules, do not attempt to fuel your unit. Contact your Sears Service Centre.

### FUELING ENGINE

**WARNING:** Remove fuel cap slowly when refueling. This engine is certified to operate on unleaded gasoline. Before operation, gasoline must be mixed with a good quality synthetic 2-cycle air-cooled engine oil. We recommend Craftsman brand synthetic oil. Mix gasoline and oil at a ratio of 40:1. A 40:1 ratio is obtained by mixing 3.2 ounces (95 ml) of oil with 1 gallon (4 litres) of unleaded gasoline. Included with this trimmer is a 3.2 ounce (95 ml) container of oil. Pour the entire

contents of this container into 1 gallon (4 litres) of gasoline to achieve the proper fuel mixture. DO NOT USE automotive oil or boat oil. These oils will cause engine damage. When mixing fuel, follow instructions printed on container. Once oil is added to gasoline, shake container momentarily to assure that the fuel is thoroughly mixed. Always read and follow the safety rules relating to fuel before fueling your unit.

### IMPORTANT

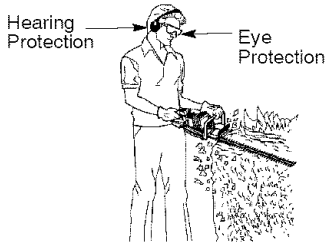
Experience indicates that alcohol blended fuels (called gasohol or using ethanol or methanol) can attract moisture which leads to separation and formation of acids during storage. Acidic gas can damage the fuel system of an engine while in storage. To avoid engine problems, empty the fuel system before storage for 30 days or longer. Drain the gas tank, start the engine and let it run until the fuel lines and carburetor are empty. Use fresh fuel next season. Never use engine or carburetor cleaner products in the fuel tank or permanent damage may occur. See the STORAGE section for additional information.

## OPERATING INSTRUCTIONS

### IMPORTANT POINTS

- Use the minimum throttle speed necessary to effectively cut hedges for optimal hedge trimmer performance.
- Never attempt to use this hedge trimmer to cut hedges that have any branches with a diameter larger than 7/16" (1 cm).

### OPERATING POSITION

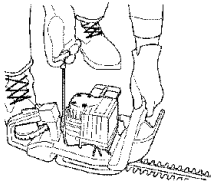


### STOPPING YOUR ENGINE

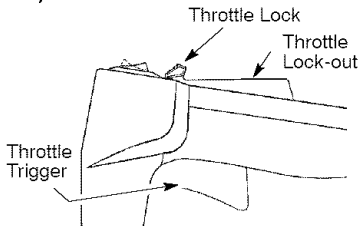
- To stop the engine, move the ON/OFF switch to the OFF position.

### BEFORE STARTING THE ENGINE

- Fuel engine. Move at least 10 feet (3 meters) away from the fueling site.
- Hold the unit on the ground in the starting position as shown. Support unit so the blade is off of the ground and away from trees, bushes, on-lookers, etc.

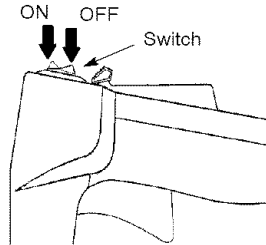


### STARTING A COLD ENGINE (or a warm engine after running out of fuel)

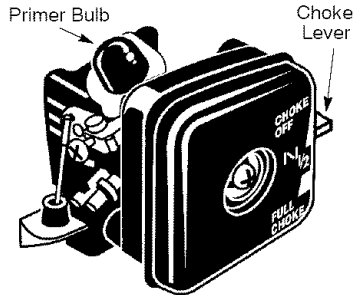


1. Move the ON/OFF switch to the ON position.
2. Engage the throttle lock as follows:
  - press the throttle lock-out;
  - squeeze and hold throttle trigger;
  - press and hold throttle lock;
  - release the throttle trigger

**NOTE:** Keep the throttle lock engaged until the engine starts.



3. Slowly press the primer bulb 6 times.
4. Move the choke lever to the FULL CHOKE position.



5. Pull starter rope handle sharply until engine sounds as if it is trying to run, but do not pull rope more than 6 times.
6. Move the choke lever to the HALF CHOKE position.
7. Pull starter rope sharply until the engine runs, but no more than 6 pulls. **NOTE:** If the engine doesn't start after 6 pulls (at the HALF CHOKE position), check to make sure the ON/OFF switch is in the ON position. Move the choke lever to the FULL CHOKE position and press the primer bulb 6 times; pull the starter rope 2 more times. Move the choke lever to the HALF CHOKE position and pull the starter rope until the engine runs, but no more than 6 more pulls. If the engine still doesn't start, it is probably flooded. Proceed to STARTING A FLOODED ENGINE.
8. Once the engine starts, allow it to run 10 seconds, then move the choke lever to the OFF CHOKE position. Allow the unit to run for 30 more seconds at the OFF CHOKE position before squeezing and releasing the throttle trigger to release the throttle lock. **NOTE:** If engine dies with the choke lever in the OFF CHOKE posi-

tion, move the choke lever to the HALF CHOKE position and pull the rope until engine runs, but no more than 6 pulls.

#### STARTING A WARM ENGINE

1. Move the ON/OFF switch to the ON position.
2. Slowly press the primer bulb 6 times.
3. Move the choke lever to the HALF CHOKE position.
4. Engage the throttle lock as directed in STARTING A COLD ENGINE.

**NOTE:** Keep the throttle lock engaged until the engine starts.

5. Pull starter rope sharply until engine runs, but no more than 5 pulls.
6. Allow the engine to run 10 seconds, then move choke lever to the OFF CHOKE position.

7. Release the throttle lock by squeezing and releasing the throttle trigger.

**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.

#### STARTING A FLOODED ENGINE

Flooded engines can be started by placing the ON/OFF switch in the ON position and the choke lever in the OFF CHOKE position and engaging the throttle lock as directed in the STARTING A COLD ENGINE section; then, pull the rope to clear the engine of excess fuel. Starting could require pulling the starter rope many times depending on how badly the unit is flooded.

If the unit still doesn't start, refer to the TROUBLESHOOTING TABLE or call 1-800-235-5878.

## MAINTENANCE

### CUSTOMER RESPONSIBILITIES

**⚠ WARNING:** Ensure ON/OFF switch is in the OFF position and disconnect the spark plug before performing maintenance except for carburetor adjustments.

CARE & MAINTENANCE TASK	WHEN TO PERFORM
Check for loose fasteners and parts	Before each use
Check for damaged or worn parts	Before each use
Inspect and clean unit and labels	After each use
Clean air filter	Every 5 hours of operation
Inspect muffler and spark arresting screen	Every 50 hours of operation
Replace spark plug	Yearly
Replace fuel filter	Yearly

### GENERAL RECOMMENDATIONS

The warranty on this unit does not cover items that have been subjected to operator abuse or negligence. To receive full value from the warranty, the operator must maintain unit as instructed in this manual. Various adjustments will need to be made periodically to properly maintain your unit.

#### CHECK FOR LOOSE FASTENERS AND PARTS

- Spark Plug Boot
- Air Filter
- Housing Screws

#### CHECK FOR DAMAGED OR WORN PARTS

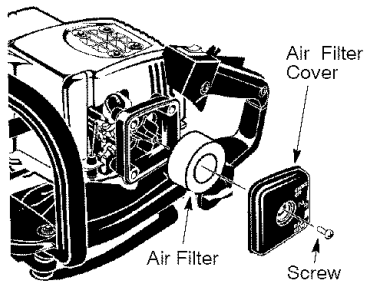
Contact your Sears Service Centre for replacement of damaged or worn parts.

- ON/OFF Switch - Ensure ON/OFF switch functions properly by moving the switch to the OFF position. Make sure engine stops; then restart engine and continue.
- Fuel Tank - Do not use unit if fuel tank shows signs of damage or leaks.

#### INSPECT AND CLEAN UNIT AND LABELS

- Before and after each use, inspect complete unit for loose or damaged parts.
- After each use, clean the unit and labels using a damp cloth with a mild detergent.
- Wipe off unit with a clean dry cloth.

## CLEAN AIR FILTER



A dirty air filter decreases engine performance and increases fuel consumption and harmful emissions. Always clean after every 5 hours of operation.

1. Clean the cover and the area around it to keep debris from falling into the carburetor chamber when the cover is removed.
2. Remove parts as illustrated.

**NOTE:** To avoid creating a fire hazard or producing harmful evaporative emissions, do not clean filter in gasoline or other flammable solvent.

3. Wash the filter in soap and water.
4. Allow filter to dry.
5. Add a few drops of oil to the filter; squeeze filter to distribute oil.
6. Replace parts.

## INSPECT MUFFLER AND SPARK ARRESTING SCREEN

**NOTE:** THE SPARK ARRESTING SCREEN ON THIS UNIT IS NOT SERVICEABLE.

As the unit is used, carbon deposits build up on the muffler and spark arresting screen. For normal homeowner use, however, the muffler and spark arresting screen will not require any service. After 50 hours of use, we recommend that your muffler and spark arresting screen be replaced by a Sears Service Centre.

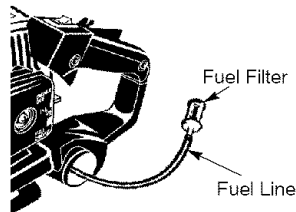
## REPLACE SPARK PLUG

Replace spark plug each year to ensure the engine starts easier and runs better. Set spark plug gap at 0.025 inch (0.6 mm). Ignition timing is fixed, non-adjustable.

1. Twist, then pull off spark plug boot.
2. Remove spark plug from cylinder and discard.
3. Replace with Champion RCJ-6Y spark plug and tighten securely with a 3/4 inch (19 mm) socket wrench.
4. Reinstall the spark plug boot.

## REPLACE FUEL FILTER

To replace fuel filter, drain unit by running it dry of fuel, then remove fuel cap/retainer assembly from tank. Pull filter from tank and remove it from the fuel line. Install new fuel filter on fuel line; reinstall parts.



## SERVICE AND ADJUSTMENTS

**WARNING:** Disconnect the spark plug before performing maintenance, service or adjustments except for carburetor adjustments.

We recommend all service and adjustments not listed in this manual be performed by your Sears Service Centre.

## CARBURETOR ADJUSTMENT

**WARNING:** Keep others away when making idle speed adjustments. The blade will be moving during most of this procedure. Wear your protective equipment and observe all safety precautions. When making adjustments,

use a screwdriver short enough to keep your hands behind the hand-guard and away from the blade. After making adjustments, the blade must not move at idle speed.

The carburetor has been carefully set at the factory. Adjustments may be necessary if you notice any of the following conditions:

- Engine will not idle when the throttle is released.
- The blade moves at idle.

Keep others away when making idle speed adjustments. Make adjustments with the unit resting on a level surface free of debris that can be caught in the



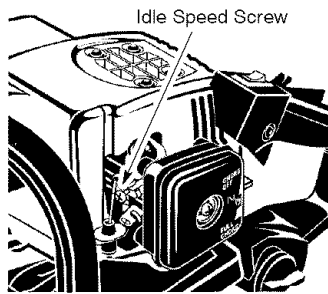
hedge trimmer blade. Serious injury to the operator and others can occur if the carburetor is not properly adjusted. Keep all parts of your body away from the blade and muffler.

#### Idle Speed Adjustment

Allow engine to idle. Adjust speed until engine runs without blade moving (idle too fast) or engine stalling (idle speed too slow).

- Turn idle speed screw clockwise to increase engine speed if engine stalls or dies.
- Turn idle speed screw counterclockwise to decrease engine speed if the blade moves at idle.

**⚠ WARNING:** Recheck the idle speed after each adjustment. The blade must not move at idle speed to avoid serious injury to the operator or others.



If you require further assistance or are unsure about performing this procedure, contact your Sears Service Centre or call our customer assistance help line at 1-800-235-5878.

## STORAGE

**⚠ WARNING:** Perform the following steps after each use:

- Allow engine to cool, and secure the unit before storing or transporting.
- Store unit and fuel in a well ventilated 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 unit so that any sharp object cannot accidentally cause injury.
- Store unit and fuel well out of the reach of children.

#### SEASONAL STORAGE

Prepare unit for storage at end of season or if it will not be used for 30 days or more.

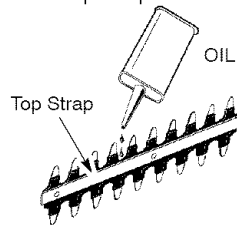
If your unit is to be stored for a period of time:

- Clean the entire unit.
- Store in a clean dry area.
- Clean all parts and check for damage. Have damaged parts repaired or replaced by your Sears Service Centre.
- Lightly oil external metal surfaces, including the blade.

#### To oil the blade:

- Stop the engine and allow blade to come to a complete stop.

- Ensure ON/OFF switch is in the OFF position.
- Disconnect the spark plug wire.
- Apply a light machine oil along the edge of the top strap as shown.



#### FUEL SYSTEM

Under FUELING ENGINE in the OPERATION section of this manual, see message labeled **IMPORTANT** regarding the use of gasohol in your engine. Fuel stabilizer is an acceptable alternative in minimizing the formation of fuel gum deposits during storage. Add stabilizer to gasoline in fuel tank or fuel storage container. Follow the mix instructions found on stabilizer container. Run engine at least 5 minutes after adding stabilizer. Craftsman 40:1, 2-cycle engine oil (air cooled) is already blended with fuel stabilizer. If you do not use this Sears oil, you can add a fuel stabilizer to your fuel tank.

## ENGINE

- Remove spark plug and pour 1 teaspoon of 40:1, 2-cycle engine oil (air cooled) through the spark plug opening. Slowly pull the starter rope 8 to 10 times to distribute oil.
- Replace spark plug with new one of recommended type and heat range (see REPLACE SPARK PLUG section).
- Clean air filter.
- Check entire unit for loose screws, nuts, and bolts. Replace any damaged, broken, or worn parts.
- At the beginning of the next season, use only fresh fuel having the proper gasoline to oil ratio.

## OTHER

- Do not store gasoline from one season to another.
- Replace your gasoline can if it starts to rust.

## TROUBLESHOOTING TABLE

**⚠ WARNING:** Always stop unit and disconnect spark plug before performing all of the recommended remedies below except remedies that require operation of the unit.

TROUBLE	CAUSE	REMEDY
Engine will not start.	<ol style="list-style-type: none"> <li>1. ON/OFF switch in the OFF position.</li> <li>2. Engine flooded.</li> <li>3. Fuel tank empty.</li> <li>4. Spark plug not firing.</li> <li>5. Fuel not reaching carburetor.</li> <li>6. Compression low.</li> </ol>	<ol style="list-style-type: none"> <li>1. Move ON/OFF switch to the ON position.</li> <li>2. See "Starting a Flooded Engine" in Operation Section.</li> <li>3. Fill tank with correct fuel mixture.</li> <li>4. Install new spark plug.</li> <li>5. Check for dirty fuel filter; replace. Check for kinked or split fuel line; repair or replace.</li> <li>6. Contact Sears Service (see back cover).</li> </ol>
Engine will not idle properly.	<ol style="list-style-type: none"> <li>1. Carburetor requires adjustment.</li> <li>2. Crankshaft seals worn.</li> <li>3. Compression low.</li> </ol>	<ol style="list-style-type: none"> <li>1. See "Carburetor Adjustment" in Service and Adjustments Section.</li> <li>2. Contact Sears Service (see back cover).</li> <li>3. Contact Sears Service (see back cover).</li> </ol>
Engine will not accelerate, lacks power, or dies under a load.	<ol style="list-style-type: none"> <li>1. Air filter dirty.</li> <li>2. Spark plug fouled.</li> <li>3. Carburetor requires adjustment.</li> <li>4. Carbon build-up on muffler outlet screen.</li> <li>5. Compression low.</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean or replace air filter.</li> <li>2. Clean or replace plug and regap.</li> <li>3. Contact Sears Service (see back cover).</li> <li>4. Contact Sears Service (see back cover).</li> <li>5. Contact Sears Service (see back cover).</li> </ol>
Engine smokes excessively.	<ol style="list-style-type: none"> <li>1. Choke partially on.</li> <li>2. Fuel mixture incorrect.</li> <li>3. Air filter dirty.</li> <li>4. Carburetor requires adjustment.</li> </ol>	<ol style="list-style-type: none"> <li>1. Adjust choke.</li> <li>2. Empty fuel tank and refill with correct fuel mixture.</li> <li>3. Clean or replace air filter.</li> <li>4. Contact Sears Service (see back cover).</li> </ol>
Engine runs hot.	<ol style="list-style-type: none"> <li>1. Fuel mixture incorrect.</li> <li>2. Spark plug incorrect.</li> <li>3. Carburetor requires adjustment.</li> <li>4. Carbon build-up on muffler outlet screen.</li> </ol>	<ol style="list-style-type: none"> <li>1. See "Fueling Engine" in Operation section.</li> <li>2. Replace with correct spark plug.</li> <li>3. Contact Sears Service (see back cover).</li> <li>4. Contact Sears Service (see back cover).</li> </ol>

## U. S. EPA / ENVIRONMENT CANADA EMISSION CONTROL WARRANTY STATEMENT

### **YOUR WARRANTY RIGHTS AND**

**OBLIGATIONS:** The U. S. Environmental Protection Agency/Environment Canada and Sears Canada, Inc., are pleased to explain the emissions control system warranty on your year 2005 and later small off-road engine. Sears Canada must warrant the emission control system on your small off-road engine for the periods of time listed below provided there has been no abuse, neglect, or improper maintenance of your small off-road engine. Your emission control system includes parts such as the carburetor and the ignition system. Where a warrantable condition exists, Sears Canada will repair your small off-road engine at no cost to you. Expenses covered under warranty include diagnosis, parts and labor. **MANUFACTURER'S WARRANTY COVERAGE:** If any emissions related part on your engine (as listed under Emissions Control Warranty Parts List) is defective or a defect in the materials or workmanship of the engine causes the failure of such an emission related part, the part will be repaired or replaced by Sears Canada. **OWNER'S WARRANTY RESPONSIBILITIES:** As the small off-road engine owner, you are responsible for the performance of the required maintenance listed in your instruction manual. Sears Canada recommends that you retain all receipts covering maintenance on your small off-road engine, but Sears Canada cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance. As the small off-road engine owner, you should be aware that Sears Canada may deny you warranty coverage if your small off-road engine or a part of it has failed due to abuse, neglect, improper maintenance, unapproved modifications, or the use of parts not made or approved by the original equipment manufacturer. You are responsible for presenting your small off-road engine to a Sears Canada authorized repair centre as soon as a problem exists. Warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days. If you have any questions regarding your warranty rights and responsibilities, you should contact your nearest authorized service centre or

call Sears Canada at 1-800-469-4663.

### **WARRANTY COMMENCEMENT**

**DATE:** The warranty period begins on the date the small off-road engine is purchased. **LENGTH OF COVERAGE:**

This warranty shall be for a period of two years from the initial date of purchase.

**WHAT IS COVERED: REPAIR OR REPLACEMENT OF PARTS.** Repair or replacement of any warranted part will be performed at no charge to the owner at an approved Sears Canada servicing centre. If you have any questions regarding your warranty rights and responsibilities, you should contact your nearest authorized service centre or call Sears Canada at 1-800-469-4663. **WAR-**

**RANTY PERIOD:** Any warranted part which is not scheduled for replacement as required maintenance, or which is scheduled only for regular inspection to the effect of "repair or replace as necessary" shall be warranted for 2 years. Any warranted part which is scheduled for replacement as required maintenance shall be warranted for the period of time up to the first scheduled replacement point for that part. **DIAGNOSIS:** The owner shall not be charged for diagnostic labor which leads to the determination that a warranted part is defective if the diagnostic work is performed at an approved Sears Canada servicing centre.

**CONSEQUENTIAL DAMAGES:** Sears Canada may be liable for damages to other engine components caused by the failure of a warranted part still under warranty. **WHAT IS NOT COVERED:** All failures caused by abuse, neglect, or improper maintenance are not covered.

**ADD-ON OR MODIFIED PARTS:** The use of add-on or modified parts can be grounds for disallowing a warranty claim. Sears Canada is not liable to cover failures of warranted parts caused by the use of add-on or modified parts. **HOW**

**TO FILE A CLAIM:** If you have any questions regarding your warranty rights and responsibilities, you should contact your nearest authorized service centre or call Sears Canada at 1-800-469-4663.

**WHERE TO GET WARRANTY SERVICE:** Warranty services or repairs shall be provided at all Sears Canada service centres. Call 1-800-469-4663.

**MAINTENANCE, REPLACEMENT AND REPAIR OF EMISSION RELATED PARTS:**

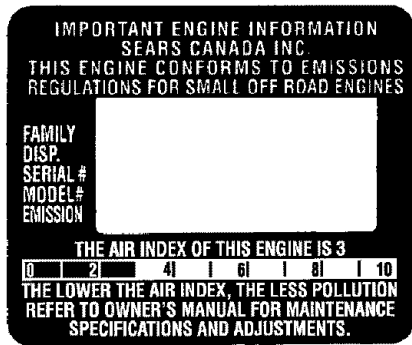
Any Sears Canada approved replacement part used in the performance of any warranty maintenance or repair on emission related parts will be provided without charge to the owner if the part is under warranty.

**EMISSION CONTROL WARRANTY PARTS LIST:**

Carburetor, Ignition System: Spark Plug (covered up to maintenance schedule), Ignition Module.

**MAINTENANCE STATEMENT:** The owner is responsible for the performance of all required maintenance as defined in the instruction manual.

The information on the product label indicates which standard your engine is certified.  
Example: (Year) EPA Phase 1 or Phase 2 and/or CALIFORNIA.



This engine is certified to be emissions compliant for the following use:

- Moderate (50 hours)
- Intermediate (125 hours)
- Extended (300 hours)