

Green Machine®

OWNER'S MANUAL

MODEL 3000HB UT 26111-B

SERIAL NO.

IMPORTANT NOTE: USE THE ABOVE BOX TO FILL IN YOUR MODEL'S SERIAL NUMBER FOR YOUR RECORDS.

ASSEMBLY AND OPERATING INSTRUCTIONS

GREEN MACHINE® - LIMITED WARRANTY

The manufacturer warrants to the original retail purchaser that this Product is free from defects in material and workmanship and agrees to repair or replace, at Manufacturer's discretion, any defective product free of charge within these time periods from the date of purchase:

- **Two years, if the Product is used for personal, family, or household use;**
- **90 days, if the Product is used for commercial or any other use.**

This warranty is not transferable and does not cover damage resulting from defects other than in material or workmanship, or damage caused by unreasonable use, including the failure to provide reasonable and necessary maintenance. Also, the warranty obligations do not apply to conditions resulting from misuse, alteration or accident. In addition, this warranty does not cover general check-ups on electrical equipment, tune-ups on gasoline engines, or replacement of non-defective parts (such as electrical brushes, cables, plugs, spark plug, filters, starter ropes, etc.) that may wear and need to be replaced with reasonable use within the warranty period or which may require replacement in connection with normal maintenance. This warranty applies only to products sold within the United States of America, the District of Columbia, Canada, Mexico, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, the Canal Zone, or American Samoa.

SAVE YOUR SALES SLIP

Proof of purchase in the form of your dated sales receipt, cash register slip, etc. showing the serial number and the model of your Product will be required before our dealers can perform warranty service on the Product. You must at your own expense, arrange to deliver or ship the Product for warranty repairs and arrange for pickup or return of the Product after repairs have been made. This warranty does not apply to any trade accessory, engine, or electric motor which is separately warranted by another manufacturer and not manufactured by the manufacturer.

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY OR OTHERWISE, APPLICABLE TO THIS PRODUCT, SHALL BE LIMITED IN DURATION TO THE DURATION OF THIS LIMITED WARRANTY. THE MANUFACTURER SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. ALSO, SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

HOW TO OBTAIN WARRANTY SERVICE

Warranty service can be obtained from a Green Machine® dealer authorized to make warranty repairs. If you need warranty service, check first with the dealer from whom you purchased the Product. **FOR WARRANTY SERVICE INFORMATION OUTSIDE THE USA AND CANADA, PLEASE CONTACT YOUR LOCAL GREEN MACHINE® DEALER.**

The manufacturer will not make any reimbursements for warranty service, except to Green Machine® dealers authorized to make warranty repairs. You must present your sales receipt when making any claim for warranty service.

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

This warranty is given by Homelite, inc. Post Office Box 7047, Charlotte, North Carolina 28241.

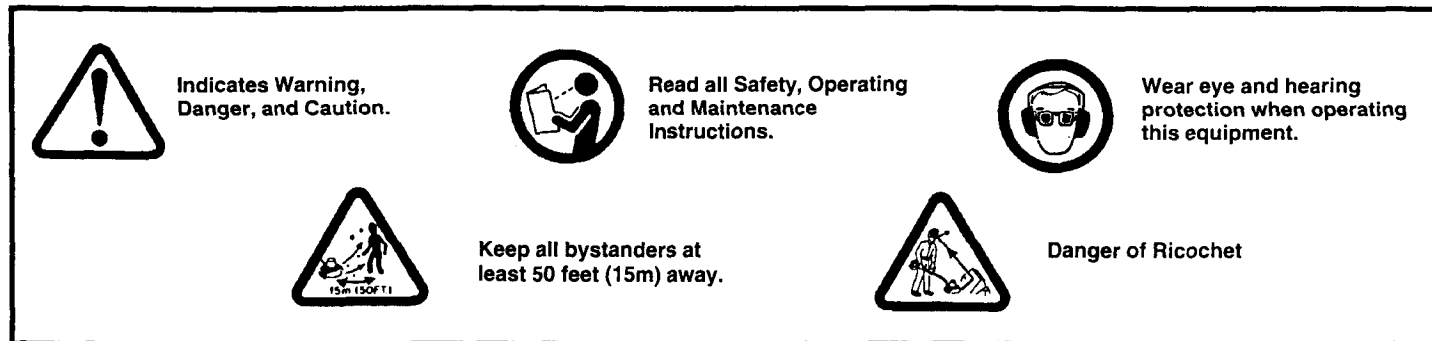
Green Machine®

P.O. Box 7047
14401 Carowinds Blvd.
Charlotte, N.C. 28241

P/N 19653-A
Second Edition

We are pleased that you have chosen a Green Machine® product to assist you with your work. Your Green Machine® product was assembled using the latest manufacturing methods and materials to bring you a product of the highest quality.

This Owner's Manual is provided to aid you in the proper assembly and the safe, reliable operation of your new Green Machine® product. Read it and become thoroughly familiar with the proper operating procedures before you first use this product. Make sure anyone who operates your Green Machine® product is fully acquainted with the proper operating procedures. Careful assembly, safe operation and proper maintenance in accordance with this Owner's Manual will provide you with maximum performance and product life.



Warning: FOR SAFE OPERATION, READ THESE INSTRUCTIONS BEFORE USING YOUR BLOWER. FOLLOW ALL INSTRUCTIONS FOR SAFETY.

SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS!

OPERATION

- **DO NOT ALLOW CHILDREN OR UNTRAINED INDIVIDUALS TO USE THIS UNIT.**
- Never start or run this blower inside a closed area; breathing exhaust fumes can kill.
- Always hold blower as shown in the "Operation Instructions," page 4.
- Never operate unit without a spark arrestor screen (located inside the muffler).
- Make sure unit is properly assembled and in good operating condition. Do not operate without guard(s) in place.
- **Do not attempt to install or remove attachments, make repairs or remove obstruction from the fan housing while engine is running.**
- Do not operate vacuum without vacuum bag installed; flying debris could cause serious injury. Always close vacuum bag completely before operating.
- **FOLLOW THESE INSTRUCTIONS TO REDUCE THE RISK OF INJURY:**
 - **WEAR FULL EYE AND HEARING PROTECTION WHILE OPERATING THIS BLOWER.**
 - Do not wear loose clothing or jewelry.
 - Secure long hair so it is above the shoulder.
 - Keep all bystanders, children, and pets at least 50 feet (15m) away.
 - Do not operate this blower when tired, ill, or under the influence of alcohol, drugs, or medication.
 - Do not operate in poor lighting.
 - Do not point blower in direction of people or pets.
 - Keep firm footing and balance. Do not overreach.
 - Keep all parts of your body away from hot surfaces.
 - Wear a face mask in dusty conditions to reduce the risk of injury associated with the inhalation of dust.
 - To avoid injury to the operator or unit, do not pick up rocks, broken glass, bottles, or other similar objects. Hold engine higher than the inlet end of the vacuum tube. Always point vacuum tube downhill when working on a hillside.
- **ALWAYS STOP ENGINE AND REMOVE SPARK PLUG WIRE BEFORE MAKING ANY ADJUSTMENTS OR REPAIRS EXCEPT CARBURETOR ADJUSTMENTS.**

MAINTENANCE

- Use **Green Machine®** replacement parts. Failure to do so may cause poor performance and possible injury.
- Maintain the unit per maintenance instructions in the Owner's Manual.
- Inspect unit before each use for loose fasteners, fuel leaks, etc. Replace damaged parts.
- Before storing, allow the engine to cool.
- Empty fuel tank and restrain the unit from moving before transporting in a vehicle.

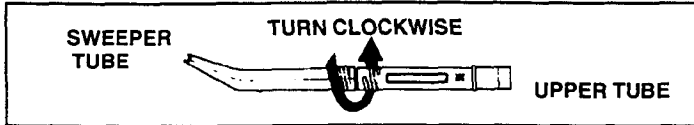
REFUELING (DO NOT SMOKE!)

- Mix and store fuel in a container approved for gasoline.
- Mix fuel outdoors where there are no sparks or flames.
- Select bare ground, stop engine, and allow to cool before refueling.
- Loosen fuel cap slowly to release pressure and to keep fuel from escaping around the cap.
- Wipe spilled fuel from the unit. Move 10 feet away from refueling site before starting engine.

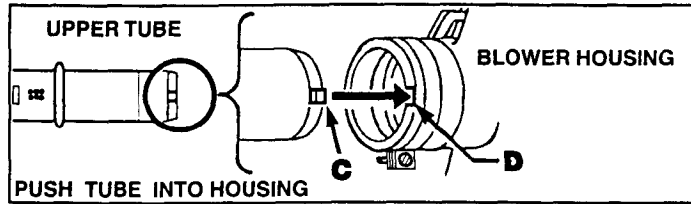
ASSEMBLY INSTRUCTIONS

ASSEMBLY IS EASIEST IF EACH END OF THE JOINT IS DIPPED INTO A SOLUTION OF WARM SOAPY WATER PRIOR TO ASSEMBLY.

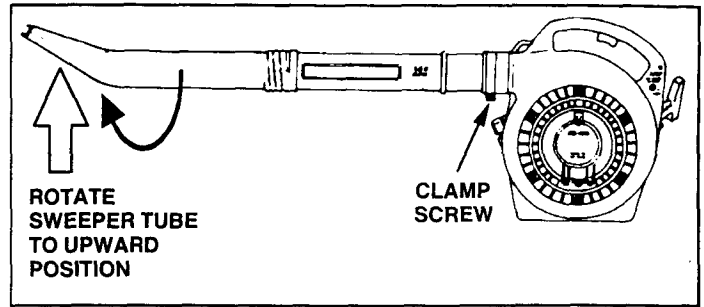
1. Turn Sweeper Tube **clockwise** to screw onto Upper Tube.



2. Align Locking Tab (C) on Upper Tube with Slot (D) in Blower Housing and push tube into housing.



3. Rotate tube so that Sweeper Tube is pointing **Upward** as shown. Tighten Clamp Screw securely.



PREPARING FOR USE

FUELING

This product is powered by a 2-cycle engine and requires pre-mixing gasoline and 2-cycle oil. Pre-mix unleaded gasoline and 2-cycle engine oil in a clean 1 gallon container approved for gasoline.

RECOMMENDED FUEL: THIS ENGINE IS CERTIFIED TO OPERATE ON UNLEADED GASOLINE INTENDED FOR AUTOMOTIVE USE.

Mix GREEN MACHINE® Premium Exact Mix™ Oil with gasoline according to the instructions on the package. If Premium Exact Mix™ oil is not available, use a high quality 2-cycle engine oil, mixed at 4 oz. per gallon (US).

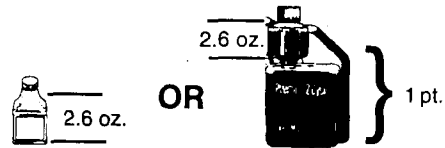
DO NOT USE AUTOMOTIVE OIL OR 2-CYCLE OUTBOARD OIL.

NOTE: Premium Exact Mix™ fuel mix will stay fresh up to 30 days. DO NOT mix quantities larger than usable in a 30 day period.

FUEL MIXTURE

PREMIUM EXACT MIX™ (50:1)

Gasoline	Oil
1 gallon (US)	2.6 oz.
1 Liter	20cc



Premium Exact Mix™ one pint bottle is the best value and the easiest to use.

FILLING TANK

1. Loosen fuel cap slowly. Rest the cap on a clean surface.
2. Carefully pour fuel into the tank. Avoid spillage.
3. Immediately replace fuel cap and hand tighten. Wipe up any fuel spillage.
4. It is normal for smoke to be emitted from a new engine after first use.

NOTE: Always shut off engine before fueling. Never add fuel to a machine with a running or hot engine. Move at least 10 feet (3m) from refueling site before starting engine. **DO NOT SMOKE!**

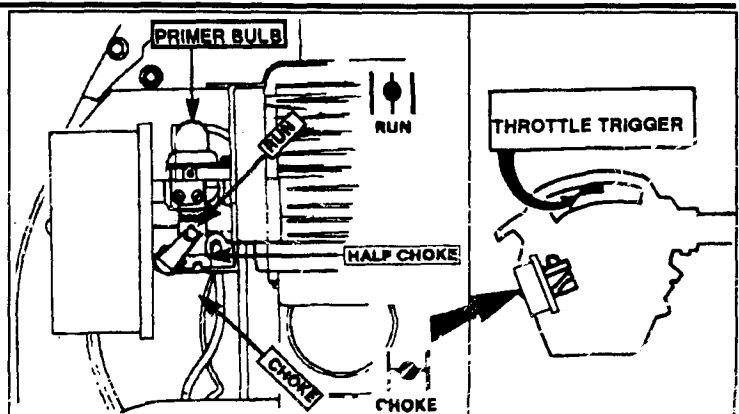
⚠ WARNING:

Check for any fuel leaks. If any, correct before use.

STARTING AND STOPPING

1. Lay blower on a flat, bare surface.
2. Push primer bulb located on top of carburetor, 8-10 times.
3. Move choke lever to choke position.
4. Squeeze throttle trigger to full throttle position.
5. Pull starter until engine tries to run. (No more than 6 pulls.)
6. Move choke lever to half choke position.
7. Squeeze trigger to full throttle position and pull starter until engine runs.
8. Run engine 30 to 45 seconds at full throttle on half choke position to warm up. Move choke lever to run position.

TO STOP: Release trigger and push STOP button until engine stops. (See illustration E below.)



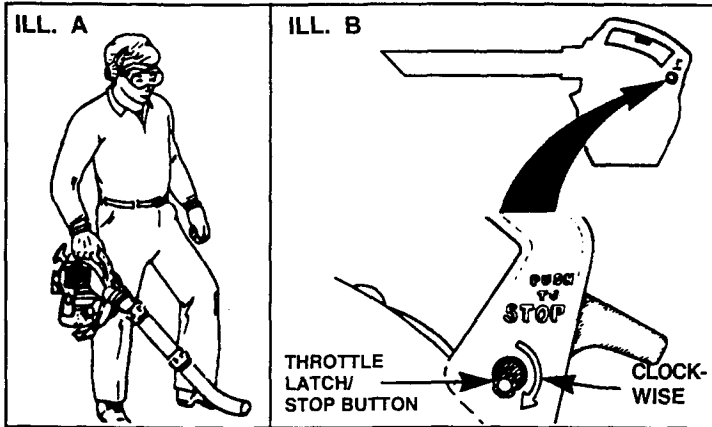
OPERATION

Start blower as instructed in "Starting and Stopping." Hold blower in right hand as shown in illustration A. The blower can be operated at any speed between idle and full throttle.

To keep debris from scattering, blow around the outer edges of the debris pile. Never blow directly into the center of the pile.

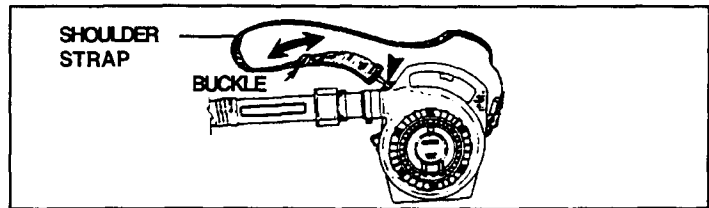
THROTTLE LATCH

The throttle latch can be used to operate the unit without holding the throttle trigger. To advance throttle latch, turn stop button clockwise. To release throttle latch, depress throttle trigger. See illustration B.



SHOULDER STRAP (Optional)

1. Attach harness clips at locations shown in illustration below.
2. Slide buckle up or down to adjust harness to a comfortable position.



MAINTENANCE AND ADJUSTMENT

FUEL CAP FILTER

A LEAKING FUEL CAP IS A FIRE HAZARD AND MUST BE REPLACED IMMEDIATELY.

The fuel cap contains a non-serviceable filter and a check valve. A clogged fuel filter will cause poor engine performance. If performance improves when the fuel cap is loosened, check valve may be faulty or filter clogged. Replace fuel cap if required.

SPARK PLUG

This engine uses a Champion DJ-7Y with .025" (0.63mm) electrode gap. Use an exact replacement and replace annually.

SPARK ARRESTOR

The muffler is equipped with a spark arrestor (screen inside muffler body). Through normal use the screen can become dirty and should be periodically cleaned or replaced by an authorized servicing dealer. **To avoid a fire hazard, never run the blower without a spark arrestor in place.**

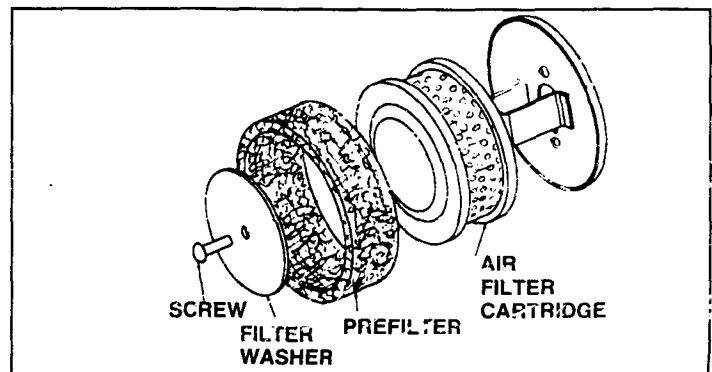
VACUUM BAG

A dirty bag will reduce performance. To clean bag, turn inside out and shake. Wash bag in soapy water at least once a year. If bag has deteriorated from normal use, replace bag from your authorized servicing dealer.

AIR FILTER

For proper performance and long life, keep air filter clean .

1. Remove the screw and the filter washer.
2. Remove the prefilter from the air filter cartridge.
3. Clean the prefilter in warm soapy water. Rinse and let dry completely. Tap the filter cartridge against a flat surface to loosen and remove dust. Replace cartridge if the build-up cannot be removed.
4. Reinstall prefilter, filter cartridge, filter washer and screw.



STORAGE - (1 Month or longer)

1. Drain all fuel from tank into a container approved for gasoline. Run engine until it stops.
2. Clean all foreign material from the blower. Store it in a well-ventilated place that is inaccessible to children. Keep away from corrosive agents such as garden chemicals and de-icing salts.
3. Abide by all Federal and local regulations for the safe storage and handling of gasoline. Excess fuel should be used in other 2-cycle engine powered equipment.

TROUBLESHOOTING

Problems - Possible Cause

Solution:

Engine will not start:

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. NO SPARK. 2. NO FUEL. 3. FLOODED ENGINE. 4. STARTER ROPE PULLS HARDER NOW THAN WHEN NEW. | <ol style="list-style-type: none"> 1. <u>Check Spark</u>. Remove spark plug. Reattach the spark plug wire and lay spark plug on metal cylinder. Pull the starter rope and watch for spark at spark plug tip. If there is no spark, repeat test with a new spark plug. 2. Push primer bulb until bulb is full of fuel. If bulb does not fill, primary fuel delivery system is blocked. Contact a servicing dealer. If primer bulb fills, engine may be flooded (see next item). 3. Remove spark plug; move choke lever to run and pull starter cord 10 to 15 times. This will clear excess fuel from engine. Clean and reinstall spark plug. Pull starter three times with choke lever at run. If engine does not start, move choke lever to choke and repeat normal starting procedure. If engine still fails to start, repeat procedure with a new spark plug. 4. Contact a servicing dealer. |
|--|---|

Engine starts but will not accelerate.

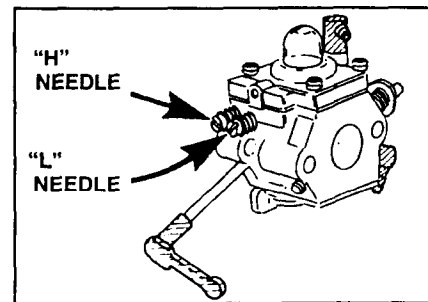
CARBURETOR REQUIRES ADJUSTMENT.

Turn "L" needle **counterclockwise** 1/16 turn. If "L" low needle can not be turned counterclockwise, do not force plastic limiter caps. Contact a servicing dealer.

Engine starts but will only run at high speed at half-choke.

CARBURETOR REQUIRES ADJUSTMENT.

Turn "H" needle **counterclockwise** 1/16 turn. If "H" high needle can not be turned counterclockwise, do not force plastic limiter caps. Contact a servicing dealer.



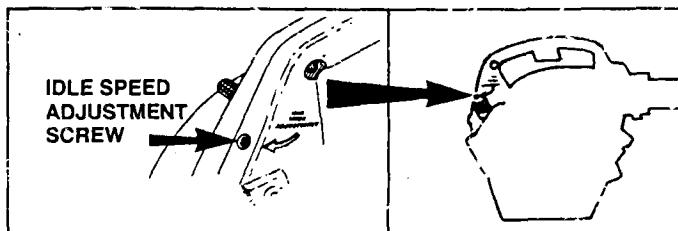
Engine does not reach full speed and emits excessive smoke.

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. CHECK OIL FUEL MIXTURE. 2. AIR FILTER DIRTY. 3. CARBURETOR REQUIRES ADJUSTMENT. 4. SPARK ARRESTOR SCREEN DIRTY. | <ol style="list-style-type: none"> 1. Use fresh fuel and the correct 2-cycle oil mix. (See Fueling Instructions, Pg. 4) 2. Clean per instruction in maintenance section. (Pg. 5) 3. Turn "H" needle clockwise 1/16 turn. 4. Contact a servicing dealer. |
|---|--|

Engine starts, runs, and accelerates but will not idle.

CARBURETOR REQUIRES ADJUSTMENT.

Turn idle speed adjustment screw **clockwise** to increase idle speed. Turn screw **counterclockwise** to decrease speed.



OIL

Oil mixed with gasoline is the only source of lubrication for 2-cycle engines. Engine life depends upon a proper mix ratio and the quality of oil used. **GREEN MACHINE®** 2-cycle oil is blended to strict engineering formula and factory tested to give the longest life possible. **GREEN MACHINE®** 2-cycle oil has extra amounts of high grade lubricants, and a fuel stabilizer to extend the storage life of fuel.

PREMIUM EXACT MIX™ requires 1/3 less oil per gallon than 32:1 oil and has the convenience of a built-in measuring container. Get the best performance and longest life from your engine by using high quality **GREEN MACHINE®** 2-cycle oil. Buy it at your dealer.

GUTTER MAINTENANCE KIT

Convenient snap together tubes extends reach by 10 feet, eliminating the inconvenience and danger of climbing a ladder and cleaning by hand. Most leaves, pine needles and light debris will be whisk away by the powerful blast. Buy it at your dealer.

TUNE-UP ACCESSORIES

HOMELITE air filters and spark plugs are key to an efficient performing engine. You can buy these and other quality parts and accessories from your dealer.

SUPPORT STRAP

Some users find a support strap to be very helpful while operating Blowers.

**EMISSIONS MAINTENANCE SCHEDULE AND
WARRANTED PARTS LIST**

EMISSION PARTS	EVERY 5 HOURS CLEAN	EVERY 25 HOURS OR YEARLY	
		REPLACE	CLEAN
AIR FILTER ASSY INCLUDES: FILTER	X	X	
SPARK SCREEN			X
CARBURETOR ASSY INCLUDES: HEAT DAM GASKETS			
FUEL TANK ASSY INCLUDES: FUEL LINES FUEL CAP FUEL FILTER			
IGNITION ASSY INCLUDES: SPARK PLUG SWITCH LEAD		X	

ALL EMISSIONS - RELATED PARTS ARE WARRANTED FOR TWO YEARS OR FOR THE PERIOD OF TIME PRIOR TO THE PARTS FIRST SCHEDULED REPLACEMENT WHICH EVER COMES FIRST.

UTILITY AND LAWN AND GARDEN ENGINES

The U.S. Environmental Protection Agency (EPA), the California Air Resources Board (CARB), and GREEN MACHINE® are pleased to explain the Emission Control System Warranty on your utility/lawn/garden equipment engine. In California, new 1995 and later utility/lawn/garden equipment engines must be designed, built and equipped to meet the state's stringent anti-smog standards. In other states, new 1997 and later model year utility/lawn/garden equipment engines must be designed, built and equipped, at the time of sale, to meet the U.S. EPA regulations for small non-road engines. The equipment engine must be free from defects in materials and workmanship which cause it to fail to conform with U.S. EPA standards for the first two years of engine use from the date of sale to the ultimate purchaser. GREEN MACHINE® must warrant the emission control system on your utility/lawn/garden equipment engine for the period of time listed above provided there has been no abuse, neglect, or improper maintenance of your utility/lawn/garden equipment engine.

Your emission control system may include parts such as the carburetor or fuel injection system, the ignition system, the catalytic converter. Also included may be hoses, bolts, and connectors and other emission related assemblies.

Where a warrantable condition exists, GREEN MACHINE® will repair your utility/lawn/garden equipment engine at no cost to you, including diagnosis (if the diagnostic work is performed at an authorized dealer), parts, and labor.

MANUFACTURER'S WARRANTY COVERAGE:

The 1995 and later utility/lawn/garden equipment engines are warranted for two years in California. In other states, 1997 and later model year utility/lawn/garden equipment engines are also warranted for two years. If any emission-related part on your engine is defective, the part will be repaired or replaced by GREEN MACHINE® free of charge.

OWNER'S WARRANTY RESPONSIBILITIES

- (a) As the utility/lawn/garden equipment engine owner, you are responsible for the performance required maintenance listed in your owner's manual. GREEN MACHINE® recommends that you retain all receipts covering maintenance on your utility/lawn/garden equipment engine, but GREEN MACHINE® cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance. Any replacement part or service that is equivalent in performance and durability may be used in non-warranty maintenance or repairs, and shall not reduce the warranty obligations of the engine manufacturer.
- (b) As the utility/lawn/garden equipment engine owner, you should be aware, however, that GREEN MACHINE® may deny you warranty coverage if your utility/lawn/garden equipment engine or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.
- (c) You are responsible for presenting your utility/lawn/garden equipment engine to a GREEN MACHINE® service center as soon as a problem exists. The 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 a GREEN MACHINE® Customer Representative at 1-704-588-3200.

COVERAGE:

GREEN MACHINE® warranty to the ultimate purchaser and each subsequent purchaser that your utility/lawn/garden equipment engine will be designed, built and equipped, at the time of sale, to meet all applicable regulations. GREEN MACHINE® also warrants to the initial purchaser and each subsequent purchaser that your utility/lawn/garden engine is free from defects in materials and workmanship which cause the engine to fail to conform with applicable regulations for a period of two years.

The 1995 and later utility/lawn/garden equipment engines are warranted for two years in California. If all other states for 1997 and later model years, EPA requires manufacturers to warrant utility/lawn/garden equipment engines for two years. These warranty periods will begin on the date the utility/lawn/garden equipment engine is purchased by the initial purchaser. If any emission-related part on your engine is defective, the part will be replaced by GREEN MACHINE® at no cost to the owner.

GREEN MACHINE® shall remedy warranty defects at any authorized GREEN MACHINE® engine dealer or warranty station. Any authorized work done at an authorized dealer or warranty station shall be free of charge to the owner if such work determines that a warranted part is defective. Any manufacturer-approved or equivalent replacement part may be used for any warranty maintenance or repairs on emission-related parts, and must be provided free of charge to the owner if the part is still under warranty. GREEN MACHINE® is liable for damages to other engine components caused by the failure of a warranted part still under warranty.

The California Air Resources Board's Emission Warranty Parts List specifically defines the emission-related warranted parts. (EPA's regulations do not include a parts list, but EPA considers emission-related warranted parts to include all the parts listed below.)

These warranted parts are:

MAINTENANCE REQUIREMENTS

The owner is responsible for the performance of the required maintenance as defined by GREEN MACHINE® in the owner's manual.

LIMITATIONS

The Emission Control Systems Warranty shall not cover any of the following:

- (a) repair of replacement required because of misuse or neglect, lack of required maintenance, repairs improperly performed or replacements not conforming to GREEN MACHINE® specifications that adversely affect performance and/or durability, and alterations or modifications not recommended or approved in writing by GREEN MACHINE®, and
- (b) replacement of parts and other services and adjustments necessary for required maintenance at and after the first scheduled replacement point.

▲ WARNING ▲

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

CALIFORNIA PROPOSITION 65

Green Machine