IMPORTANT SAFETY INSTRUCTIONS

DANGER — When using your Edger Trimmer, follow basic precautions, including the following:

1. READ THESE IMPORTANT SAFETY INSTRUCTIONS, THE OPERATING INSTRUCTIONS, ASSEMBLY INSTRUCTIONS, USER MAINTENANCE INSTRUCTIONS, AND THE BRIGGS AND STRATTON OR KAWASAKI OPERATING AND MAINTENANCE INSTRUCTIONS CAREFULLY AND COMPLETELY. Be thoroughly familiar with the controls and the proper use of the equipment. Know how to stop the unit and disengage the controls quickly. SAVE MANUALS AND INSTRUCTIONS AND KEEP IN A SAFE PLACE.

2. DRESS PROPERLY — Wear safety glasses or goggles. Do not wear loose clothing or jewelry. They can be caught in moving parts. Use of sturdy gloves and safety footwear is recommended. Always wear pants that cover legs.

3. STAY ALERT — Watch what you are doing - use common sense. Do not operate product when fatigued or under the influence of alcohol or drugs.

4. CAUTION — To reduce the risk of fire, replace gasoline cap securely.

5. DANGER — ROTATING BLADE
   — Keep both hands on handles when blade is rotating.
   — Keep feet away from cutting area.
   — Do not attempt to remove cut material or hold material to be cut when engine is running or when blade is moving.
   — Make sure spark plug wire is disconnected when clearing jammed material from blade or cutter head.
   — CAUTION — Blade coasts after turn off.

6. KEEP OPERATING AREA CLEAR — Keep the area of operation clear of all persons and pets.

7. USE EDGER-TRIMMER PROPERLY — Use only for edging or trimming the type of shrub, growth and the like described in the operating instructions. Do not abuse edger trimmer. Do not use edger trimmer in rain or wet locations.

8. DON'T OVERREACH OR STAND ON UNSTABLE SUPPORT — Keep good footing and balance at all times.

9. DISCONNECT (UNPLUG) SPARK PLUG LEAD —
   — When not in use.
   — Before servicing, cleaning, and the like.
   — Before changing blade, belt, etc.

10. MAINTAIN PRODUCT WITH CARE —
    — Follow maintenance instructions given in Manuals.
    — To reduce the risk of fire, do not allow excessive grass, leaves, or grass to accumulate on the Edger Trimmer.

11. STORE EDGER-TRIMMER INDOORS — When not in use, store Edger Trimmer indoors in a dry place locked or otherwise inaccessible to children.

12. DO NOT ATTEMPT TO REPAIR EDGER TRIMMER —
    — Have repairs made by qualified dealer or repairman.
    — See that only identical replacement parts are used.

13. DO NOT USE EDGER TRIMMER ON GRAVELED SURFACES.

14. NEVER OPERATE THE EDGER TRIMMER WITHOUT GOOD VISIBILITY OR LIGHT.

15. HANDLE GAS WITH CARE; IT IS HIGHLY FLAMMABLE.
   a) Use a gas container acceptable for the purpose and do not store gas in a house.
   b) Never add gas to a running or hot engine.
   c) Fill gas tank outdoors with extreme care. Never fill gas tank indoors.
   d) Replace gas cap securely.
   e) If gas is spilled, move Edger Trimmer and gas container from area and do not create a source of ignition.

16. START THE ENGINE CAREFULLY. Keep hands, feet, clothing, and the like well away from blade and moving parts.

17. DO NOT RUN THE ENGINE INDOORS; exhaust fumes are dangerous.

18. NEVER ATTEMPT TO MAKE ADJUSTMENTS while the engine is running, except to carburetor.

19. NEVER DIRECT DISCHARGE OF MATERIAL TOWARD Bystanders or Allow Anyone Near the Area of Operation. Use care in directing discharge to avoid glass enclosures, automobiles, and the like.

20. STAY ALERT FOR UNEVEN SIDEWALKS, HOLES IN TERRAIN OR OTHER SIMILAR CONDITIONS WHEN USING EDGER TRIMMER. Always push slowly over rough ground.

21. OBJECTS STRUCK BY THE BLADE CAN CAUSE SEVERE INJURIES TO PERSONS. The lawn should always be carefully examined and cleared of all objects prior to edging or trimming.

22. IF EDGER TRIMMER STRIKES A FOREIGN OBJECT, FOLLOW THESE STEPS:
   a) Stop engine.
   b) Disconnect spark plug lead.
   c) Inspect for damage.
   d) Repair any damage before restarting and operating the Edger Trimmer.

23. DISENGAGE THE BLADE AND/OR STOP THE ENGINE WHEN THE EDGER TRIMMER IS TRANSPORTED OR NOT IN USE.

24. STOP THE ENGINE WHEN LEAVING THE EDGER TRIMMER UNATTENDED.

25. WHEN CLEANING, REPAIRING OR INSPECTING, make certain the blade and all moving parts have stopped. Disconnect the spark plug wire, and keep the wire away from the plug so that unintentional starting does not occur.

26. NEVER OPERATE THE EDGER TRIMMER, without guards or other protective devices in place.

27. DO NOT OPERATE THE EDGER TRIMMER - with a damaged or excessively worn blade.
28. **MULTIPLE OPERATORS** – Keep a safe distance between two or more operators when working together simultaneously.

29. **BE SURE EDGER TRIMMER IS FULLY ASSEMBLED** – Never operate Edger Trimmer without all guards and deflectors in place. Ensure that all nuts, bolts, screws are installed and properly tightened. Check pulley set screws and all fasteners for tightness prior to each use.

30. **ALWAYS KEEP THE THROTTLE IN THE "STOP" POSITION WHEN NOT IN USE.**

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**ASSEMBLY INSTRUCTIONS**

Your Little Wonder Edger Trimmer requires a minimal amount of assembly prior to use.

Packed with each unit you will find the following:

1. Edger Trimmer assembly consisting of engine mounted on deck with wheels and cutter head installed.
2. Upper Handle assembly.
3. Blade Guard, P/N 129B.
4. Indexing Rod, P/N 165; Deluxe Model, Catalog #6001, 6001 1.C., and 6001K only.
5. Draw Rod, P/N 168; Deluxe Model, Catalog #6001, 6001 1.C., and 6001K only.
7. One (1) bag of hardware and fasteners containing the following:

<table>
<thead>
<tr>
<th>QTY.</th>
<th>P/N</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>129C-1</td>
<td>Hex Head Cap Screw 5/16-18 x 1/2&quot; lg.</td>
</tr>
<tr>
<td>2</td>
<td>129D</td>
<td>Lockwasher 5/16</td>
</tr>
<tr>
<td>4</td>
<td>144-1</td>
<td>Hex Head Cap Screw 1/4-20 x 1 1/4&quot; lg.</td>
</tr>
<tr>
<td>1</td>
<td>146B</td>
<td>Throttle Clip</td>
</tr>
<tr>
<td>2</td>
<td>153</td>
<td>Adjusting Rod Clamp</td>
</tr>
<tr>
<td>1</td>
<td>154</td>
<td>Knob</td>
</tr>
<tr>
<td>2</td>
<td>163</td>
<td>Washer - Flat 5/16</td>
</tr>
<tr>
<td>1</td>
<td>378</td>
<td>Hex Head Cap Screw 1/4-20 x 1 1/2&quot; lg.</td>
</tr>
<tr>
<td>5</td>
<td>972</td>
<td>Nut, Lock 1/4-20</td>
</tr>
</tbody>
</table>

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**ASSEMBLY OF STANDARD EDGER TRIMMER, CATALOG #5001**

REFER TO PARTS EXPLOSION AND ILLUSTRATION FOR STANDARD MODEL #5001 AND ASSEMBLE YOUR EDGER TRIMMER AS FOLLOWS:

1. Use the four cap screws, P/N 144-1 and nuts, P/N 972 to assemble the handle to the main edger trimmer assembly as illustrated.

2. Use cap screw, P/N 378 and nut, P/N 972 to assemble the throttle to the handle as shown.

3. Tighten cap screw, P/N 208 and nut, P/N 973 to secure the lower adjusting rod, P/N 155C to upper adjusting rod, P/N 155D as illustrated.

4. The adjusting rod is then inserted in the adjusting rod clamps, P/N 153 which are placed on the brace bolt right, P/N 152 which has been pre-assembled on the handle. Secure with knob, P/N 154.

5. The blade guard, P/N 129B is installed on the flange of the cutter head, P/N 126. Place flat washers, P/N 163 against outside surface of blade guard. Place lock washer, P/N 129D under head of cap screw, P/N 129C-1. Screw cap screws into tapped holes in flange of cutter head. Location of blade guard should be adjusted so the bottom of the guard just clears the ground when edging. Set to the desired position and tighten cap screws.

6. Remove nut, P/N 130 and one washer, P/N 128 and install blade, P/N 129. Replace washer and nut and tighten. Be sure to install washers with flat side against blade.
7. Rotate mud flap, P/N 209 to a position directly behind and perpendicular to blade guard, P/N 129B. Tighten nut, P/N 114B, and cap screw P/N 129C to secure mud flap to Edger Trimmer.

YOUR STANDARD EDGER TRIMMER, CATALOG #5001, IS NOW ASSEMBLED.

ASSEMBLY OF DELUX MODEL, CATALOG #6001, 6001 1.C., 6001K

REFER TO PARTS EXPLOSION AND ILLUSTRATION FOR DELUX MODELS AND ASSEMBLE YOUR EDGER TRIMMER AS FOLLOWS:

1. Insert index rod, P/N 165 through hole in bracket A, P/N 166 of handle assembly, as shown in Delux Figure 1, and lower to its bottom position. Insert index rod, P/N 165 into gear B, P/N 160A on main Edger Trimmer assembly as shown in Delux Figure 2.

THIS STEP #1 MUST BE DONE PRIOR TO PROCEEDING WITH STEP #2

2. Use the four cap screws, P/N 144-1 and nuts, P/N 972 to assemble the handle to the main Edger Trimmer assembly.

3. Use cap screw, P/N 378 and nut, P/N 972 to assemble the throttle to the handle as shown.

4. Tighten cap screw, P/N 208 and nut, P/N 973 to secure the lower adjusting rod, P/N 155C to the upper adjusting rod, P/N 155D as illustrated.

5. The adjusting rod is then inserted in the adjusting rod clamps, P/N 153, which are placed on the brace bolt right, P/N 152, which has been pre-assembled on the handle. Secure with knob, P/N 154.

6. Assemble draw rod, P/N 168 as shown in Delux Figure 3. Remove cotter pin, P/N 156 and washer, P/N 163 from lever, belt slackener, P/N 167, located on upper handle. Place elongated loop in draw rod on belt slackener lever. Reinstall washer and cotter pin, and bend legs of cotter pin. Remove cotter pin, P/N 156 and clevis pin, P/N 170 from belt slackener, P/N 169. Place round hole in draw rod between legs of belt slackener. Reinstall clevis pin thru belt slackener and draw rod. Replace and bend legs of cotter pin.

7. The blade guard, P/N 129B is installed on the flange of the cutter head, P/N 126. Place flat washers, P/N 163 against outside surface of blade guard. Place lock washer, P/N 129D under head of cap screw, P/N 129C-1. Screw cap screws into tapped holes in flange of cutter head. Location of blade guard should be adjusted so the bottom of the guard just clears the ground when edging. Set to the desired position and tighten cap screws.

8. Remove nut, P/N 130 and one washer, P/N 128 and install blade, P/N 129. Replace washer, nut and tighten. Be sure to install washers with flat side against blade.

9. Rotate mud flap, P/N 209 to a position directly bel.ind, and perpendicular to, blade guard, P/N 129B. Tighten nut, P/N 114B, and cap screw, P/N 129C to secure mud flap to Edger Trimmer.

YOUR DELUX EDGER TRIMMER, CATALOG #6001, #6001 1.C., #6001K, IS NOW ASSEMBLED.

B. STARTING

1. Your Edger Trimmer is equipped with remote or Choke-a-Matic, and remote stop switch. To start, move lever on throttle control as far forward as possible to START position.

NOTE: A warm engine requires less choking than a cold engine.

2. For Delux model — remove belt tension by pulling the belt slackener lever, P/N 167, up. This provides easier starting.

3. Hold the handle of Edger Trimmer with your left hand and pull the rewind starter grip with your right hand.

4. Once engine starts, move throttle control lever to desired minimum or maximum range as required.

C. CAUTION

1. Do not change the engine governor settings or overspeed the engine.

2. If the product vibrates abnormally, immediately stop the engine and check for the cause. Vibration is generally a warning of trouble.

3. Stop the engine whenever you leave the operating position; disconnect the spark plug lead before unclogging the cutting member guard, when making a repair, adjustment inspection, or the like.

4. Operate edger trimmer from position where guards block the line of sight to the cutting member.

D. OPERATING

1. Use common sense and exercise caution at all times when operating your edger trimmer.

2. Your Little Wonder edger trimmer has been carefully designed to eliminate hazards; however, when edging and trimming the potential exists for blows from rocks, cement, pieces of steel, glass, etc. These obstructions should be avoided at all times.

3. Never leave the Edger Trimmer when the engine is running, particularly on hills where the Edger Trimmer might roll.

4. Setting depth of blade: (1) Place left hand on upper handle, P/N 142, loosen knob, P/N 154 with right hand, grasp adjusting rod upper, P/N 156D with right hand. By pulling adjusting rod, you lower blade for deeper cuts when edging or lower cuts when trimming. By pushing adjusting rod, you raise blade for shallow cuts when edging or higher cuts when trimming. Retighten knob, P/N 154 when desired setting is achieved.

5. Setting cutter head angle for Standard model: (1) Disconnect lead wire; be sure Edger Trimmer is not running. (2) Raise blade as described above. (3) Grasp the head shaft handle, P/N 133, with your right hand, grasp lock screw, P/N 137B with your left hand and loosen. Entire cutter head assembly will move freely. Set cutter head to desired angle and retighten lock screw, P/N 137B.

6. Setting cutter head angle for Deluxe model: (1) Remove tension from belt by grasping belt slackener lever, P/N 167, and rotate toward you to top position. Wait until blade has stopped rotating. (2) Grasp handle of adjusting rod, P/N 165 and pull toward you approximately 3/16" Turn handle to either the right or the left to achieve desired cutter blade position. Release indexing rod so the index gear assembly, P/N 160A engages and locks in 1 of 9 positions on index gear bracket, P/N 157A.

7. Engine speed — The engine speed should be kept to the minimum consistent with the job at hand. Speeds higher than necessary will only cause undue wear and tear. A speed halfway between "idling" and "wide open" is normally adequate. Tougher jobs may require higher speeds.

8. Little Wonder Edgers and Trimmers provide the finishing touch. They edge at any angle along flower beds, terraces, sidewalks and curbs. They trim along buildings, trees, walls, markers, hedges and fences with ease and reliability.

9. Edging — The blade should be perpendicular to the ground or sidewalk. The cutting depth should be sufficient to cut away the root structure, usually 1 to 1 1/2" deep. Along flush sidewalks or
drives and when possible it is easier to place the wheels on the cement rather than the grass. The hardened tool steel blade, P/N 129, becomes its own guide if it is permitted to rub against the side or edge of the cement. Angles other than vertical may be desirable when edging flower beds, walls, posts, etc. When edging along a curve, the rear wheels should be held off the ground so that the machine may be maneuvered "wheelbarrow fashion."

10. Trimming — The blade should be placed in a horizontal position. Sometimes experience and imagination will dictate angles somewhat different than horizontal to accommodate particular conditions. The blade will cut best if it is set as closely as possible to the ground without undue scalping problems.

**USER MAINTENANCE INSTRUCTIONS**

1. Keep all nuts, bolts and screws tight.
2. Never store the edger trimmer with fuel in the fuel tank inside a building where fumes may reach an open flame or sparks, or in a confined space such as a car trunk.
3. Always refer to the instruction manual for important details if the product is to be stored for an extended period.
4. Check tightness of blade nut before each use.
5. Prior to each use, lubricate cutter head shaft, key, keyway and bushings with good grade of light oil.
6. Prior to each use, check to see that set screws on pulleys are tight.

**CAUTION** — Loose set screws can cause damage to shaft and pulley. Improper maintenance could void warranty.

**WARNING:** The engine on your Edger Trimmer is not equipped with a spark arrester and if Edger Trimmer is to be used on any forest covered, brush covered, or grass covered unimproved land, before using on such land a spark arrester must be added to the muffler. The arrester must be maintained in effective working order by the operator. In the State of California the above is required by law (Section 4442 of the California Public Resources Code). Other states may have similar laws. Federal laws apply on federal lands. See your Authorized Briggs & Stratton or Kawasaki Service Center for spark arrester muffler options.

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**TROUBLE SHOOTING GUIDE**

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>POSSIBLE CAUSE</th>
<th>CORRECTIVE ACTION</th>
</tr>
</thead>
</table>
| A. Engine will not start. | 1. Out of gasoline.  
2. Spark plug lead wire loose or disconnected.  
3. Defective spark plug.  
4. Throttle control lever not in proper position.  
5. Engine flooded or flooding.  
6. stale or contaminated gasoline. | 1. Fill gasoline tank.  
2. Reconnect spark plug lead wire.  
3. Replace spark plug.  
4. Move throttle control lever to start position.  
5. Start engine with choke fully open.  
6. Drain, clean tank and system and refill with fresh gasoline. |
2. Defective spark plug.  
3. Carburetor out of adjustment.  
4. Air cleaner dirty.  
5. Air vents clogged or plugged. | 1. Tighten spark plug lead wire.  
2. Replace spark plug.  
3. Properly adjust carburetor.  
4. Clean and service air cleaner, (See Briggs & Stratton or Kawasaki Operation and Maintenance illustrations.)  
5. Clear vent in gasoline tank cap and carburetor. |
| C. Engine will not idle properly. | 1. Idle speed too slow.  
2. Spark plug gap incorrect. | 1. Adjust carburetor idle speed or idle mixture.  
2. Set spark plug gap .030 (.76mm). |
| D. Engine runs hot or overheats. | 1. Oil level low.  
2. Engine cooling fins or baffles clogged, with dirt and debris.  
3. Carburetor out of adjustment. | 1. Fill crankcase to proper oil level.  
2. Clean and remove obstructions.  
3. Readjust carburetor. |
| E. Control mechanisms for depth of blade or indexing of cutter head will not function. | 1. Parts bent, distorted, worn out or missing. | 1. Inspect control mechanism, and repair or replace damaged, worn out, or missing components. |

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**LIMITED SERVICE & WARRANTY POLICY**

All "Little Wonder" products are guaranteed against defects in material and workmanship for a period of ONE YEAR FROM DATE OF PURCHASE when used for RESIDENTIAL SERVICE, NINETY DAYS FROM DATE OF PURCHASE for COMMERCIAL SERVICE. Any "Little Wonder" products or parts found to be defective within the warranty period are to be returned to our factory at Southampton, PA.

Transportation charges on parts and units submitted for replacement under this warranty must be borne by purchaser.

Engines for gas powered products are warranted separately by the engine manufacturer. Therefore, there are no warranties made, expressed or implied, for engines for gas powered products by "Little Wonder".

THIS WARRANTY shall not be effective if the product has been the subject of misuse, negligence or accident or if the product has been repaired or altered outside of our Southampton factory in any respect which affects its condition or operation.

"Little Wonder" shall not be liable for any special direct or consequential damages arising from defective equipment. Any implied warranty, including merchantability or fitness for a particular purpose, shall not extend beyond the written warranty period.

THIS WARRANTY shall be effective only providing enclosed card is properly filled out and returned to "Little Wonder, Div. of Schiller-Pfeiffer, Inc." at time of purchase.