

LITTLE WONDER®

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Professionals Demand Little Wonder, Shouldn't You?

OPERATING, ASSEMBLY INSTRUCTIONS AND PARTS LIST FOR
EDGER TRIMMERS CATALOG #6002,
AND EDGERS CATALOG #6032, #6132

IMPORTANT SAFETY INSTRUCTIONS

⚠ WARNING ⚠ To avoid injury when using your Edger or Edger Trimmer, follow basic precautions, including the following:

1. READ THESE IMPORTANT SAFETY INSTRUCTIONS, THE OPERATING INSTRUCTION, ASSEMBLY INSTRUCTION, USER MAINTENANCE INSTRUCTIONS, AND THE BRIGGS AND STRATTON 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 ⚠ DANGER ⚠ ROTATING BLADE

- Keep both hands on handles when blade is rotating.
- Keep feet and hands away from cutting area.
- Do not attempt to remove cut debris 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.

3 ⚠ WARNING ⚠ DO NOT USE MACHINE ON GRAVELED SURFACES. Thrown objects can cause serious injuries and/or property damage.

4 KEEP OPERATING AREA CLEAR - Keep the area of operation clear of all persons and pets.

5 USE EDGER OR 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 machine. Do not use in rain or wet locations.

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

7 ⚠ DANGER ⚠ 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.

8 ⚠ DANGER ⚠ OBJECTS STRUCK BY THE BLADE CAN CAUSE SEVERE INJURIES TO PERSON. The lawn should always be carefully examined and cleared of all objects prior to use.

9. STAY ALERT FOR UNEVEN SIDEWALKS, HOLES IN TERRAIN OR OTHER SIMILAR CONDITIONS. Always push slowly over rough ground.

10. NEVER OPERATE MACHINE WITHOUT GOOD VISIBILITY OR LIGHT.

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

12. 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.

13. DISCONNECT (UNPLUG) SPARK PLUG LEAD WIRE

- When not in use.
- Before servicing, cleaning and the like.
- Before changing blade, belt, etc.

14. MAINTAIN PRODUCT WITH CARE - Follow maintenance instructions given in Manuals. - To reduce the risk of fire, do not allow excessive grass, leaves, or grease to accumulate on the machine.

15. STORE MACHINE INDOORS - When not in use, store indoors in a dry place, locked or otherwise inaccessible to children.

16. DO NOT ATTEMPT TO REPAIR MACHINE - Have repairs made by qualified dealer or repairman. Use only original Little Wonder replacement parts.

17. HANDLE GAS WITH CARE; IT IS HIGHLY FLAMMABLE.

- Use a gas container acceptable for the purpose and do not store gas in the house.
- Never add gas to a running or hot engine.
- Fill gas tank outdoors with extreme care. Never fill gas tank indoors.
- Replace gas cap securely.
- If gas is spilled, move Edger and gas container from area and do not create a source of ignition.

18. ⚠ CAUTION ⚠ - To reduce the risk of fire, replace gasoline cap securely.

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

20. NEVER ATTEMPT TO MAKE ADJUSTMENTS - While the engine is running, except to the carburetor.

⚠ Warning:

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

21. **WARNING** **DO NOT RUN THE ENGINE INDOORS**

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

22. **IF BLADE STRIKES A FOREIGN OBJECT, FOLLOW THESE STEPS:**

- Stop the engine.
- Disconnect the spark plug lead.
- Inspect for any damage.
- Repair any damage before restarting and operating the machine.

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

24. **STOP THE ENGINE WHEN LEAVING THE MACHINE 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 MACHINE** without guards or other productive devices in place. Before each use, check all fasteners and safety devices for proper function.

27. **DO NOT OPERATE** - Keep a safe distance between two or more operators when working together simultaneously.

28. **MULTIPLE OPERATORS** - Keep a safe distance between two or more operators when working together.

29. **BE SURE MACHINE IS FULLY ASSEMBLED** - Never operate 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 and lubricate cutter head shaft, key, keyway and bushings with light oil prior to each use.

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

31. **LABELS SHOULD BE INSPECTED BEFORE EACH USE.** Replace damaged labels immediately. See figure #5.

ASSEMBLY INSTRUCTIONS:

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

Packed with each unit you will find the following:

- Edger or Edger Trimmer assembly consisting of engine mounted on deck with wheels and cutter head installed.
- Upper Handle assembly.
- Blade guard, P/N 129B.
- Indexing Rod, P/N 165-2, Deluxe Model, Catalog #6002 and 60021/C
- Draw Rod P/N 198, Model #60021/C, 6002K, 6032, 60321/c, only.
- Blade, P/N 129.

7. One (1) bag of hardware and fasteners containing the following:

QTY.	P/N	DESCRIPTION
2	129C-1	Hex Head Cap Screw 5/16-18 x 1/2" lg.
2	129D	Lockwasher 5/16
4	144-2	Hex Head Cap Screw 1/4-20 x 1/8" lg.
1	146B	Throttle Clip
2	163	Washer-Flat 5/16
4	972	Nut, Lock 1/4-20
1	973	Nut, Lock 10-32
1	208	Bolt, Hex Head 1 1/2 x 3/4"

STANDARD EDGER TRIMMER, CATALOG #5002 REFER TO PARTS EXPLOSION AND ILLUSTRATION AND ASSEMBLE YOUR EDGER TRIMMER AS FOLLOWS:

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

2. After assembling upper handle to Edger Trimmer, you must connect throttle to engine. For throttle installation instructions, refer to page 7, Assembly of Pro Edger, Step #2.

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

4. The blade guard, P/N 129B must be 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.

5. 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 washer with flat side against blade.

6. 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 #5002, IS NOW ASSEMBLED.



STARTING AND STOPPING

WARNING

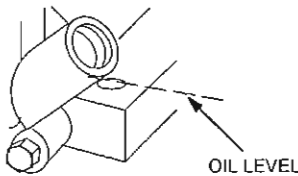


- Do not use pressurized starting fluids.
- Vapors are flammable.

STARTING AND OPERATING TIPS

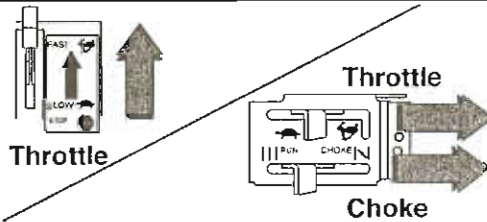
- Store and fuel equipment in level position.
- Use fresh fuel. (See Fuel.)
- Use correct type of oil for expected starting temperature. (See Oil.)
- Remove external equipment/engine loads. (See equipment operating instructions.)
- Periodically remove any debris buildup from the machine. (See Maintenance.)
- After engine has started, let it warm up several seconds to several minutes, depending on outside temperature.
- For maximum performance and life, operate engine with choke in RUN and throttle in FAST.

REWIND (MANUAL) STARTER TO START ENGINE

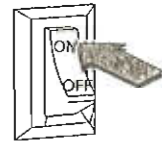


OIL LEVEL

[1] Check oil level (see p. 8).



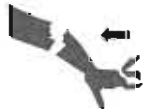
- [2] Move throttle (if equipped) to FAST. Operate engine with throttle in FAST.
- [3] Move choke control lever to CHOKE.



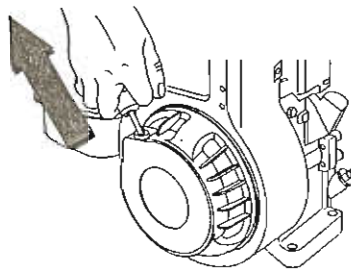
Stop Switch

[4] Move stop switch to ON. (if equipped)

WARNING

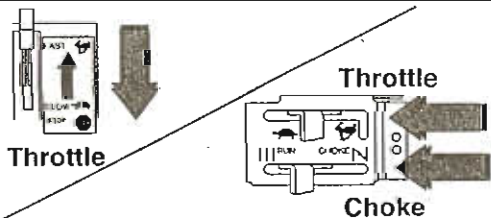


- When starting engine, pull cord slowly until resistance is felt, then pull rapidly.

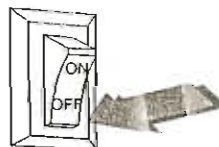


[5] Allow engine to warm up. **If choke equipped:** Slowly adjust toward RUN position. Wait until engine runs smoothly before each choke adjustment.

TO STOP ENGINE



[1] Move throttle control to SLOW, then to STOP (if equipped).



Stop Switch

[2] Push stop switch (if equipped) to OFF.

CAUTION: Do not stop engine by moving choke control to CHOKE. Backfire, fire or engine damage could occur.

OPERATING INSTRUCTIONS

A. BEFORE STARTING

1. Place Edger or Edger Trimmer on level surface, be sure blade is not obstructed and the area is clear and free of bystanders. Your Edger Trimmer is equipped with a Briggs & Stratton 4-cycle engine.

2. Check oil level, be sure crankcase is filled with oil.

3. Fill gas tank with fresh gas. Do not mix gas with oil.

NOTE: Refer to Briggs & Stratton Operating and Maintenance Instructions for recommended grades of oil and gas.

4. **Deluxe and Pro models:** For easier starting, remove belt tension by pulling up the belt slackener lever (P/N176-2).

B. STARTING PROCEDURE

1. **Deluxe and Pro models:** For easier starting, remove belt tension by pulling up the belt slackener lever (P/N176-2).

2. Prior to starting the engine, secure and hold the edger handle with your left hand.

3. Refer to your Engine Operator/Owner Manual for Engine Starting instructions.

4. Once the engine starts, set the throttle control lever to desired speed.

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

C. STOP PROCEDURE

1. Pull throttle lever toward you to STOP position.

D. 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 wire before unclogging the unit, when making a repair, adjustment, inspection or the like.

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

E. OPERATING

1. Eye protection must be worn at all times. Use common sense and exercise caution at all times when operating your Edger or Edger Trimmer.

2. Operate in a safe manner. When edging and trimming the potential exists for thrown objects which can cause injury (i.e.) from rocks, cement, pieces of steel, glass, etc. These obstructions should be avoided at all times.

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

4. Setting depth of blade. (1) Place left hand on upper handle. (2) Grasp lever, P/N 228 with right hand and pull to the right, which disengages lever from ratchet segment on handle. Move Lever forward or backward along ratchet segment and insert key on lever into notch on ratchet at the desired depth. Moving lever forward decreased depth of cut, moving lever backward increases depth of cut.

5. Setting cutter head angle for Standard model Cat. #5002: (1) Disconnect lead wire from spark plug; be sure machine 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 6002, 6002I/C. (1) Remove tension from belt by grasping belt slackener lever, P/N 167-2 and rotate towards you to stop position. Wait until blade has stopped rotating. (2) Grasp handle of adjusting rod, P/N 165-2 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. Rotate belt slackener lever, P/N 167-2 to lower position to engine belt.

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 half-way between "fast" and "slow" is normally adequate. Tougher jobs may require higher speeds.

8. Little Wonder Edgers and Edger Trimmers provide the finishing touch. They edge at any angle along flower beds, terraces, sidewalks and curbs. They trim along buildings, trees, walks, marker, 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 system, usually 1 to 1 1/2" deep. Along flush sidewalks or driveways, it is easier to place the wheels on the sidewalk or driveway rather than the grass. The hardened tool steel blade, P/N 129 becomes it's own guide if it's permitted to rub against the side or edge of the sidewalk or driveway. 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 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 its is set close as possible to the ground without undue scalping problems.