

# ***LITTLE WONDER®***

***PRO CRACK CLEANER***  
**6236-00-01**



MAN 4168451  
Rev C  
Original Language Instructions

---

# **OPERATOR / PARTS MANUAL**

**CALIFORNIA**

**Proposition 65 Warning**

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.

**⚠ 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 Warning**

Battery posts, terminals, wiring insulation, and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

**WASH HANDS AFTER HANDLING.**

# PRO CRACK CLEANER

## IMPORTANT MESSAGE

Thank you for purchasing this Little Wonder product. You have purchased a world class product, one of the best designed and built anywhere.

This machine comes with an Operation and Safety Manual, Parts and Service Manual, and Engine Manual. The useful life and good service you receive from this machine depends to a large extent on how well you read and understand these manuals. Treat your machine properly, lubricate and adjust it as instructed, and it will give you many years of reliable service.

Your safe use of this Little Wonder product is one of our prime design objectives. Many safety features are built in, but we also rely on your good sense and care to achieve accident-free operation. For best protection, study the manuals thoroughly. Learn the proper operation of all controls. Observe all safety precautions. Follow all instructions and warnings completely. Do not remove or defeat any safety features. Make sure those who operate this machine are as well informed and careful in its use as you are.

See a Little Wonder dealer for any service or parts needed. Little Wonder service ensures that you continue to receive the best results possible from Little Wonder products. You can trust Little Wonder replacement parts because they are manufactured with the same high precision and quality as the original parts.

Little Wonder designs and builds its equipment to serve many years in a safe and productive manner. For longest life, use this machine only as directed in the manuals, keep it in good repair and follow safety warnings and instructions. You'll always be glad you did.

**Little Wonder  
Schiller Grounds Care, Inc.  
1028 Street Road  
Southampton, PA 18966-4217**

TABLE OF CONTENTS	FIGURES	PAGE
SAFETY.....		4-7
LABELS.....		8
SET-UP INSTRUCTIONS.....		9
CONTROLS.....		10
OPERATION .....		11
MAINTENANCE .....		12
STORAGE .....		13
TROUBLESHOOTING .....		14
HANDLE ASSEMBLY .....	FIGURE 1 .....	16, 17
BRUSH / DRIVE ASSEMBLY .....	FIGURE 2 .....	18, 19
MAIN FRAME ASSEMBLY .....	FIGURE 3 .....	20, 21
WARRANTY .....		BACK COVER



This Operator / Parts Manual is part of the machine. Suppliers of both new and second-hand machines must make sure that this manual is provided with the machine.

## NOTICE !!!

Unauthorized modifications may present **extreme** safety hazards to operators and bystanders and could also result in product damage.

Schiller Grounds Care, Inc. strongly warns against, rejects and disclaims any modifications, add-on accessories or product alterations that are not designed, developed, tested and approved by Schiller Grounds Care, Inc. Engineering Department. Any Schiller Grounds Care, Inc. product that is altered, modified or changed in any manner not specifically authorized after original manufacture-including the addition of "after-market" accessories or component parts not specifically approved by Schiller Grounds Care, Inc. will result in the Schiller Grounds Care, Inc. Warranty being voided.

Any and all liability for personal injury and/or property damage caused by any unauthorized modifications, add-on accessories or products not approved by Schiller Grounds Care, Inc. will be considered the responsibility of the individual(s) or company designing and/or making such changes. Schiller Grounds Care, Inc. will vigorously pursue full indemnification and costs from any party responsible for such unauthorized post-manufacture modifications and/or accessories should personal injury and/or property damage result.



This symbol means:  
**ATTENTION!**  
**BECOME ALERT!**

Your safety and the safety of others is involved.

## Signal word definitions:

The signal words below are used to identify levels of hazard seriousness. These words appear in this manual and on the safety labels attached to Schiller Grounds Care, Inc. machines. For your safety and the safety of others, read and follow the information given with these signal words and/or the symbol shown above.

### **DANGER**

**DANGER** indicates an imminently hazardous situation which, if not avoided, **WILL** result in death or serious injury.

### **WARNING**

**WARNING** indicates a potentially hazardous situation which, if not avoided, **COULD** result in death or serious injury.

### **CAUTION**

**CAUTION** indicates a potentially hazardous situation which, if not avoided, **MAY** result in minor or moderate injury. It may also be used to alert against unsafe practices or property damage.

### **CAUTION**

**CAUTION** used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, **MAY** result in property damage.

## *Schiller Grounds Care, Inc.*

1028 Street Road  
Southampton, PA 18966 U.S.A  
Phone: 215-357-5110  
Fax: 215-357-8045

MODEL NUMBER

SERIAL NUMBER

**MODEL NUMBER:** This number appears on sales literature, technical manuals and price lists and serial tag.

**SERIAL NUMBER:** This number appears only on your unit. It contains the model number followed consecutively by the serial number. Use this number when ordering parts or seeking warranty information.

## OPERATOR PREPARATION & TRAINING

### READ THE OPERATION & SAFETY MANUAL

- If an operator or mechanic cannot read English, it is the owner's responsibility to explain this material to them. If any portion of this material is unclear, contact your factory representative for clarification.
- Become familiar with the safe operation of the equipment, operator controls and safety signs. Be prepared to stop the engine quickly in an emergency. Do not operate or allow another person to operate this machine if there are any questions about safety.
- All operators and mechanics should be trained. The owner is responsible for training the users.
- Wear appropriate clothing, including safety goggles or safety glasses with side shields when operating. Wear substantial footwear and long pants. Do not operate barefoot or wearing open sandals. Long hair, loose clothing or jewelry may get tangled in moving parts.
- Wear appropriate hearing protection.
- Never allow children, unskilled or improperly trained people to operate this equipment. Local regulations can restrict the age of the operator.
- Do not put hands or feet near or under rotating parts.
- Never pick up or carry the unit while the engine is running.
- Keep warning labels and this operator's manual legible and intact. Replacement labels and manuals are available from the factory.
- Do not operate machine while under the influence of drugs or alcohol, or any other condition of impairment.
- The owner/user can prevent and is responsible for accidents or injuries occurring to themselves, other people, or property.



### SITE PREPARATION & CIRCUMSTANCES

- Evaluate the terrain to determine how to safely perform the job. Only use accessories and attachments approved by the manufacturer.
- Clear the area of objects such as rocks, toys, wire or any other debris that may be thrown or get tangled in the brush.
- Be sure the area is clear of pets and people, especially young children. Never assume they will remain where you last saw them. Stop the machine if any enter the area.
- Only USE in daylight or in good artificial light.
- Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.

### MULTIPLE OPERATORS

- Keep a safe distance between operators when working together.

### MACHINE PREPARATION

- Read engine manual.
- Do not tamper with or defeat safety devices. Keep guards, shields and interlock safety devices in place and in proper working condition. They are for your protection.
- Keep all fasteners such as nuts, bolts, and pins well secured.
- Visually inspect brush and the assembly for wear or damage. Replace worn or damaged parts.
- Verify that machine and attachments, if any, are in good operating condition.
- Do not engage brush until ready to use.

## OPERATING SAFELY

### IN GENERAL

- Use extra care when loading or unloading the machine into a trailer or truck.
- Never operate without guards, plates, or other safety protective devices in place.
- Do not run the engine in an enclosed area where dangerous carbon monoxide fumes can collect.
- Never leave a machine unattended. Turn off brush and stop engine before leaving the machine.
- Use extreme caution when pulling machine towards you.
- Stop operation if someone approaches.

### STARTING

- Start according to instructions in this manual or on the machine.
- Before attempting to start the engine, make sure the brush is disengaged.
- When starting the engine, make sure hands and feet are clear of the brush.
- Do not engage brush at full throttle. Throttle to idle or lowest possible engine speed.
- Do not change engine governor settings or overspeed the engine. Operating the engine at excessive speed can increase the hazard of personal injury.



### INTERRUPTING OPERATION

Before leaving the operator's position shut off engine.

- Stop the engine, disengage the blade, set parking brake and wait until the blade stops rotating:
  - before refueling.
  - before making height adjustment unless the adjustment can be made from the operator's position.
- Stop the engine, disengage the brush, set parking brake and disconnect the spark plug wire:
  - before clearing blockages or unclogging;
  - before checking, cleaning or working on the machine;
  - after striking a foreign object. Inspect the machine for damage and have repairs made as needed before restarting;
  - if the machine begins to vibrate abnormally: shut off machine immediately. Inspect and have repairs made as needed before restarting;

- except for repairs or adjustments as specifically noted, such as for carburetor adjustment, where the engine must be running. Keep hands and feet clear of moving parts in these circumstances.
- Allow the brush to come to a complete stop when stopping operation to clear blockages, unclog, inspect the machine, do maintenance or repair.
- Reduce the throttle setting during engine shutdown and, if the engine is provided with a shutoff valve, turn the fuel off at the conclusion of operation

## MAINTENANCE SAFETY

### IN GENERAL

- Maintain machine according to manufacturer's schedule and instructions for maximum safety and best results.
- Park machine on level ground.
- Never allow untrained personnel to service machine.
- Guards should only be removed by a qualified technician for maintenance or service. Replace when work is completed.
- Adjust or repair only after the engine has been stopped and the brush has stopped moving.
- Disconnect spark plug wire(s) before doing any maintenance.
- Replace parts if worn, damaged or faulty. For best results, always replace with parts recommended by the manufacturer.
- Do not dismantle the machine without releasing or restraining forces which may cause parts to move suddenly.
- Provide adequate support, e.g. jack stands for lifted machine or parts if working beneath.
- Do not put hands or feet near or under rotating parts.
- Clean up spilled oil or fuel thoroughly.
- Replace faulty mufflers.
- To reduce fire hazards, keep the engine, muffler, and fuel storage area free of grass, leaves, debris buildup or grease.
- Never attempt to make adjustments while the engine is running except for repairs or adjustments as specifically noted, such as for carburetor adjustment, where the engine must be running. Keep hands and feet clear of moving parts in these circumstances.

### FUEL SAFETY

- Gasoline is flammable; gasoline vapors are explosive. Use extra care when handling.
- Store only in containers specifically designed for fuel.
- When refueling or checking fuel level:
  - Stop the engine and allow to cool;
  - Do not smoke;
  - Refuel outdoors only;
  - Use a funnel;
  - Do not overfill;
  - If fuel is spilled, do not attempt to start the engine until the spill is cleaned up and vapors have cleared.
  - Replace caps on fuel containers and tanks securely.

#### WARNING



Sparks from static electricity can start fires or cause explosions. Flowing fuel can generate static electricity. To prevent static electricity sparks:

- Keep containers electrically grounded. Do not fill containers in a vehicle or on a truck or trailer bed with a plastic liner. Fill containers on the ground away from the vehicle.
- When practical, remove gasoline powered equipment from the truck or trailer and refuel it on the ground. If equipment must be refueled on the truck or trailer, refuel from a portable container rather than a dispenser nozzle.
- Keep the dispenser nozzle in contact with the rim of the fuel tank or container opening until fueling is complete. Do not use a nozzle lock-open device.
- If fuel is spilled on clothing change it immediately.

### STORAGE SAFETY

- Stop the engine and allow to cool before storing.
- Drain the fuel tank outdoors only.
- Store fuel in an approved container in a cool, dry place.
- Keep the machine and fuel containers in a locked storage place to prevent tampering and to keep children from playing with them.
- Do not store the fuel container or equipment with gasoline in the tank inside a building where fumes may reach an open flame or spark.
- Appliances such as furnaces and water heaters with a pilot light have an open flame.
- Keep gasoline storage area free of grass, leaves and excessive grease to reduce fire hazard.
- Clean debris from cutting units, drives, mufflers and engine to help prevent fires.
- Clean up any spilled gasoline or oil in the storage area.



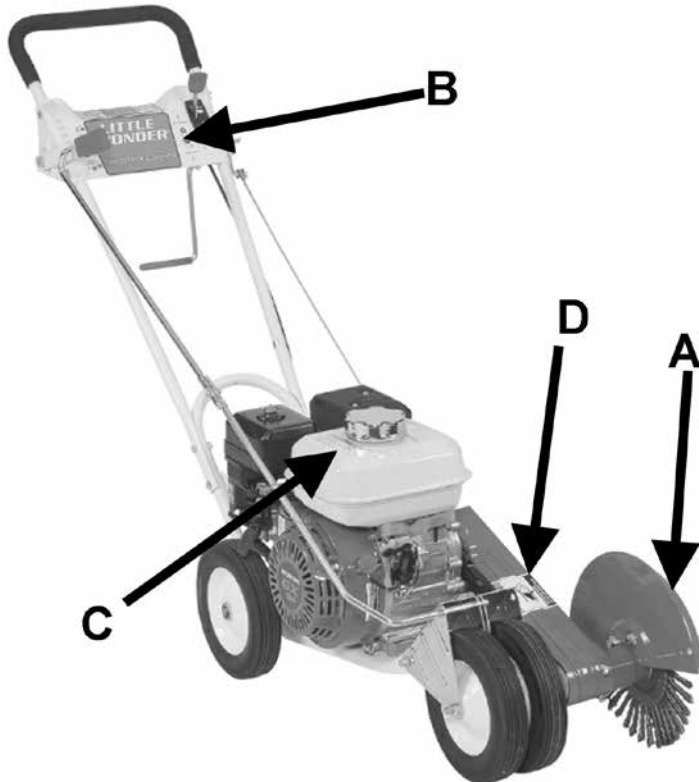
# LABELS

## PRO CRACK CLEANER

### WARNING LABELS

Warning labels are an important part of the safety system incorporated in this machine.

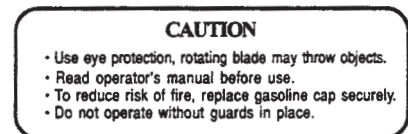
Replace labels if damaged or illegible.



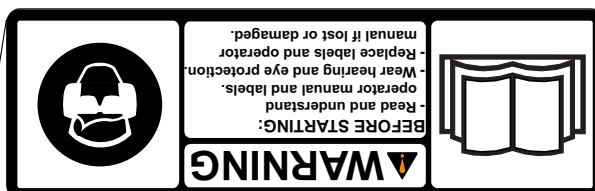
Key #A P/N 20942



Key #C P/N 211



Key #B P/N 4168453



Key #D P/N 4168760





### ASSEMBLY INSTRUCTIONS

Your Little Wonder Pro Crack Cleaner requires a minimal amount of assembly prior to use. Use **Figures 1 & 3** in parts section for assembly.

1. Remove two nuts & bolts (P/N 472 & 144-1), holding handle supports (P/N 267SH.10 & 266.10) to lower handle (P/N 141-2.10).
2. Align upper handle (P/N 142-2.10) with lower handle (P/N 141-2.10 and replace the two nuts and bolts that were removed in step one.
3. Use two bolts & nuts (P/N 472 & 144-1) in the upper holes of the handles - now tighten all four bolts.
4. Use a #10-32 x 1 1/4 screw and lock nut (P/N 208 & 973) to connect the upper adjusting rod (P/N 155) to the lower adjusting rod (P/N 4163572).
5. Remove cotter pin and washer (P/N 156 & 163) from belt slackener lever (P/N 167-2) and place elongated loop of the draw bar (P/N 198) onto the belt slackener lever. Place washer back on and install cotter pin bending the legs once it is in place.
6. Remove the cotter pin (P/N 156) from the clevis pin (P/N 170) and slide the clevis pin out of its hole. Place the round hole of the draw bar (P/N 198) between the two holes of the link belt slackener (P/N 169) and slide clevis pin back in place.
7. Replace cotter pin and bend the legs.
8. Rotate the mud flap (P/N 209) out from under the machine so that it is as far forward as possible without touching the brush while the paving cleaner is in its lowest position and the rubber flap is bent forward. Tighten from underneath.

### BRUSH INSTALLATION

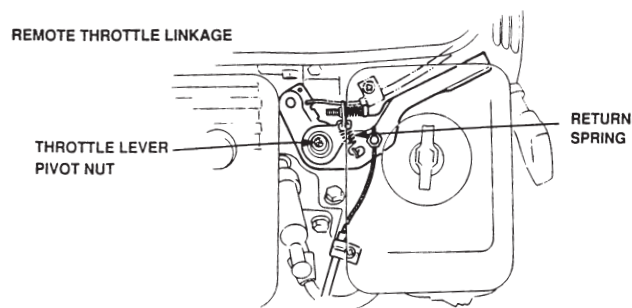
Use **Figure 2** in parts section for assembly.

1. Place one blade washer (P/N 128) on the cutter head shaft, and up against the bearing (P/N 124). make sure the side with the step is against the bearing and the flat side of the washer is facing away from the bearing.
2. Slide the Wire Wheel Brush (P/N 4046) onto the cutter head shaft.
3. Attach a flange nut (P/N 4051) onto the shaft and tighten.
4. Position the enclosed Brush Guard (P/N 129B-W.17) over the wire wheel brush.
5. Align the holes in the brush guard with those on the cutter head. Secure with two hex head screws (P/N 129C), lock washers (P/N 129D), and flat washers (P/N 163).

### THROTTLE INSTALLATION

Use **Figure 1** in parts section for assembly.

1. Remove the air filter cover from the engine.
2. Use a 10mm socket to loosen the throttle lever pivot nut.
3. Move the remote throttle lever all the way to slow (turtle) position. Move it 1/16" - 1/8" back towards the fast (rabbit) position.
4. Move the engine throttle lever to the slow position (push throttle lever to the front of the edger).
5. Remove the throttle cable retaining clamp and screw from the engine.
6. Insert the end of the throttle cable into the hole on the engine throttle lever.
7. Place the cable-retaining clamp over the cable, insert the screw in and pull back and tighten.
8. Replace the air filter cover.
9. The remote throttle lever should move from slow to fast and be approximately centered in its slot.
10. If the throttle feels tight, loosen the engine throttle lever pivot nut.
11. If the throttle does not stay where it is placed, tighten the remote throttle lever pivot nut (P/N 410).



## CONTROLS

### BRUSH HEIGHT ADJUSTMENT LEVER (A)

Rotate the lever away from the operator to raise the brush.

Rotate the lever toward the operator to lower the brush.

### THROTTLE CONTROL (B)

Controls engine speed and controls speed of the brush.

Pushing the lever forward makes the engine speed go faster, while pulling the lever back slows down the speed of the engine

### BELT SLACKENER LEVER (C)

Rotate the lever towards the operator to disengage the brush.

Rotate the lever away from the operator to engage the brush.

### ENGINE START/STOP SWITCH (D)

Move to the "OFF" position to stop the engine.

Move to the "ON" position before starting the engine.

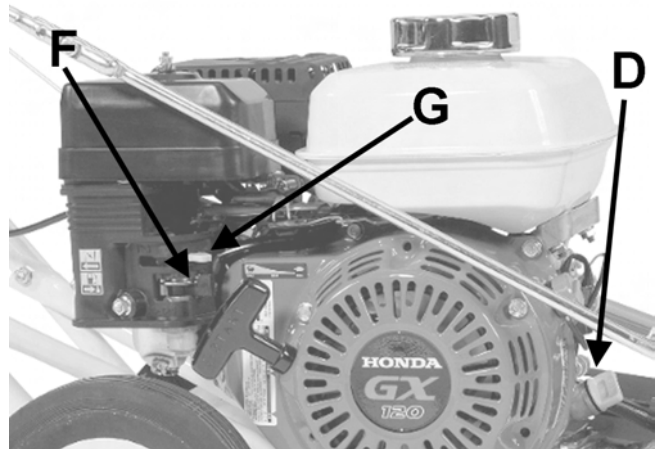
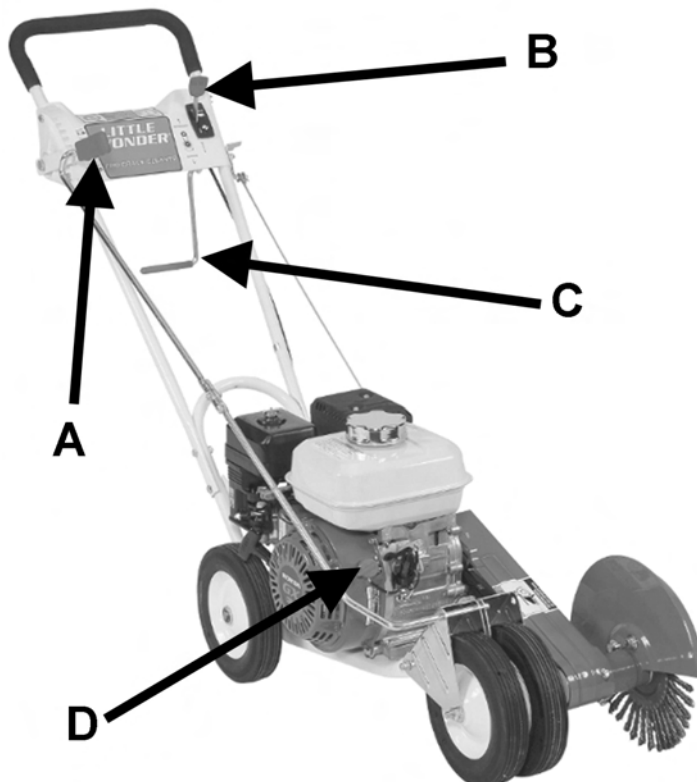
### FUEL VALVE (F)

Move to the "OFF" position to shut off the fuel whenever transporting the machine by trailer or truck or during storage. Move to the "ON" position before starting the engine.

### CHOKE (G)

Move to the "CHOKE" position to apply the choke.

Move to the "RUN" position to remove the choke.



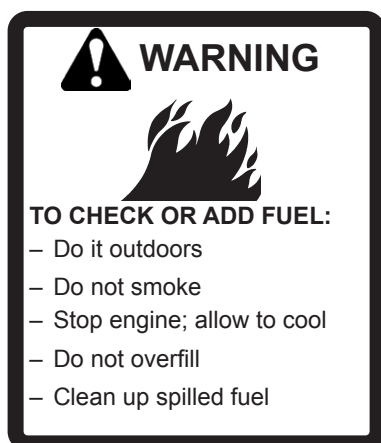
## PRE-OPERATION CHECK LIST OWNER'S RESPONSIBILITY

- Review and follow all safety rules and safety decal instructions.
- Check that all safety decals are installed and in good condition. Replace if damaged.
- Check to make sure all shields and guards are properly installed and in good condition.
- Check that all hardware is properly installed and secured.
- Check to be sure engine is free of dirt and debris. Pay particular attention to the cooling fins, governor parts and muffler. Clean air intake screen. Check air cleaner; service as necessary.
- Check all lubrication points and grease as instructed in manual.
- Inspect area and remove stones, branches or other hard objects that might be thrown, causing injury or damage.
- Check that there are no exposed underground utilities in the work area.

**FUELING-Gasoline is extremely flammable and highly explosive under certain conditions.**

**BE SURE to install fuel cap after fueling.**

- Fill fuel tank with good quality, clean, unleaded regular petrol (gasoline) to the level recommended by the engine manufacturer.
- Use a funnel to avoid spilling.



## BEFORE STARTING THE ENGINE

- Read the operator manual and engine manual.
- Be familiar with all controls, how each functions and what each operates.
- Check the engine oil level and add if necessary. Follow the engine manufacturers recommendations per the engine manual supplied with the machine.
- Open the fuel valve.
- **Choke:** For cold starts, set the choke lever to the "CHOKE" position. For warm starts attempt to start without the choke first to avoid flooding. If the engine does not start then use the choke.

## STARTING THE ENGINE WARNING

**ALL LITTLE WONDER PAVING CLEANERS ARE SHIPPED WITHOUT OIL. WHEN FILLING OIL-USE SAE 30 OIL. REFER TO THE ENGINE MANUFACTURER'S INSTRUCTION MANUAL FOR PROPER ENGINE OPERATION INSTRUCTIONS.**

1. For easier starting, remove belt tension by pulling up the belt slackener lever (P/N 167-2).
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, slowly move the choke to the run position and set the throttle control lever to desired speed.

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

## STOPPING OPERATION

1. Pull throttle lever towards you to STOP position.
2. Turn engine switch to OFF position.

## SETTING DEPTH OF BRUSH

1. Place left hand on upper handle.
2. Grasp lever, P/N 228.10 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 decreases depth, moving lever backward increases depth.

## MAINTENANCE



### WARNING

Stop the engine and remove spark plug wire before performing any maintenance.

When replacement parts are required, use genuine Little Wonder parts or parts with equivalent characteristics, including type, strength and material. Failure to do so may result in product malfunction and possible injury to the operator and/or bystanders.

Carbon monoxide present in the exhaust is an odorless and deadly gas. Never start or run the engine where exhaust fumes can collect. Provide enough fresh air to keep fumes from getting too strong.

Replace any warning decals that become illegible immediately.

## DAILY MAINTENANCE

### Hardware

- Tighten any hardware (nuts, bolts, etc) that are found loose.
- Replace any broken or missing hardware (nuts, bolts, cotter pins, etc.).
- Check to see that set screws on pulley are tight.

### Engine

See engine manual for air cleaner service intervals and servicing procedure.

### Oil

Check oil level daily. Top off as needed.

Change engine oil after the first 5 hours of operation. Then change as recommended by the engine manufacturer.

1. Remove the drain plug and drain oil while engine is warm.
2. Replace the drain plug, remove dipstick and fill with new oil. See engine manual for oil specifications.
3. Wipe off any oil on unit.
4. Start and run engine for 30 seconds. Stop engine.
5. Wait 30 seconds, then re-check oil level.
6. Top off as necessary. See engine manual for details.

### Brush

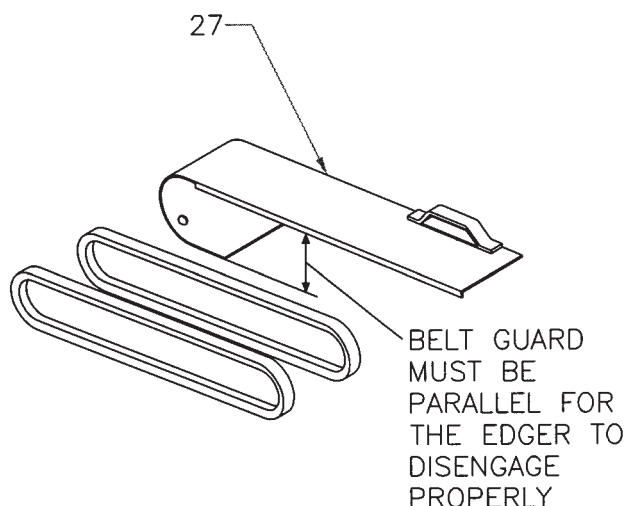
#### Service:

Stop engine and remove spark plug wire before servicing brush.

- Check tightness of the brush nut prior to each use.

#### Guards

- Check condition of guards for damage or wear.
- Replace broken, worn, or damaged shield plates.



### Belts

- Check condition of belts for damage or wear.
- Replace broken, worn, or damaged belts.

### Belt Replacement

- Stop the engine and disconnect the spark plug wire before attempting to replace any belt.

### Lubrication

- Lubricate cutter head shaft (P/N 131A), cutter head bracket (P/N 100C), and key (P/N 138) at slip rotation points every 8 hours.

### Storage

To prevent possible explosion or ignition of vaporized fuel, do not store equipment with fuel in tank or carburetor in an enclosure with open flame (for example, a furnace or water heater pilot).

**Before the equipment is put into storage for any period exceeding 30 days.**

1. Drain all fuel from the fuel tank and fuel lines.
2. Start the engine and run until all the fuel is used from the carburetor float bowl and the engine stops.
3. While the engine is still warm, drain the crankcase oil and replace with the proper weight oil corresponding to the season the equipment will be next used.
4. Remove the spark plug and squirt a small amount of engine oil into the cylinder. Slowly pull the starter a few times to distribute oil in the cylinder and reinstall the spark plug.
5. Top off if necessary. See engine manual for details.

**To put the equipment into service after an extended period of storage.**

1. Check for loose parts and tighten if necessary.
2. Fill the fuel tank and then check the engine oil level.
3. Start the engine and check for fuel leaks. Repair any leaks before operating the unit.

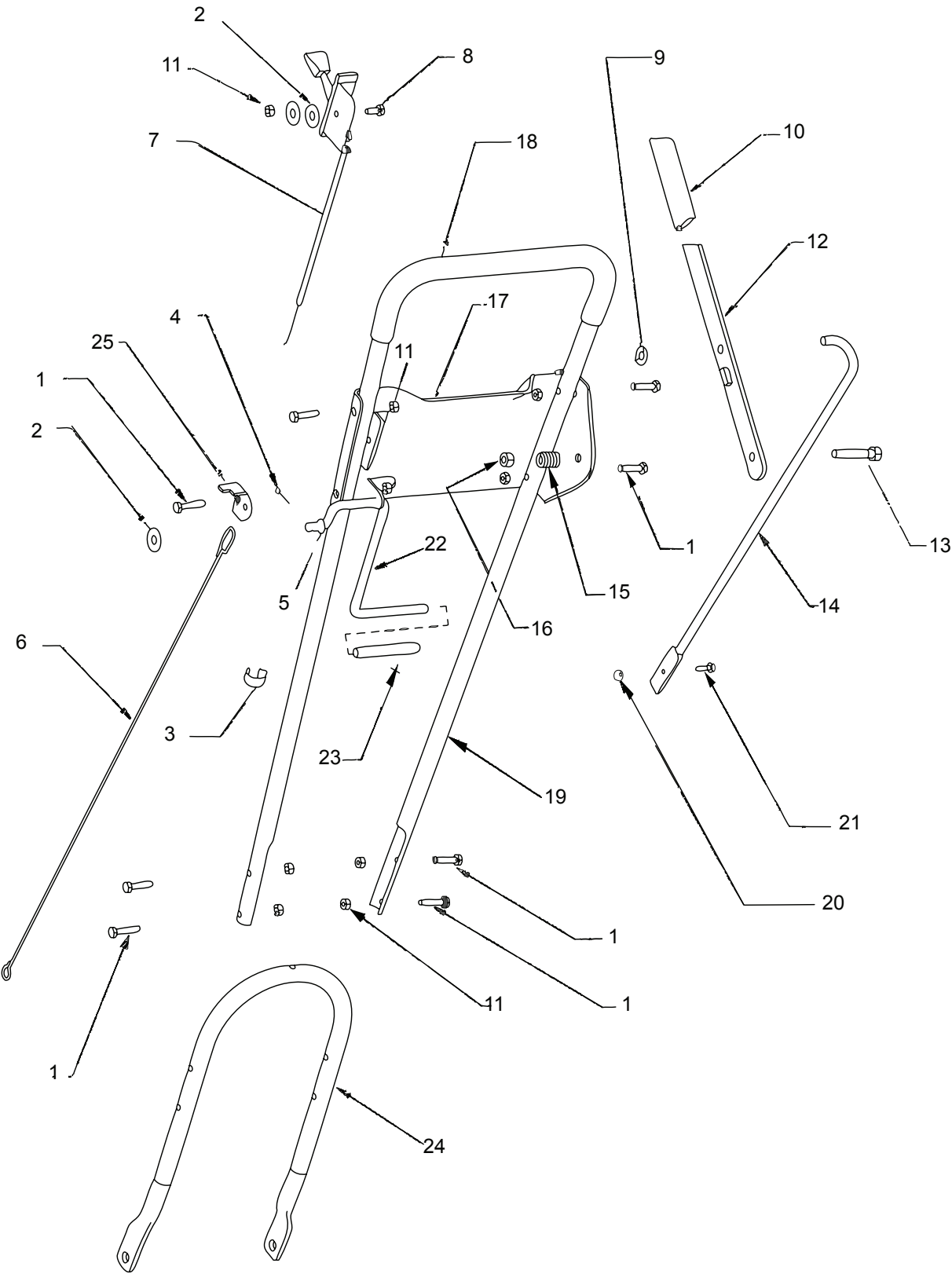
## TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
A. Engine will not start.	<ol style="list-style-type: none"> <li>1. Out of gasoline.</li> <li>2. Spark plug lead wire loose or disconnected.</li> <li>3. Defective spark plug.</li> <li>4. Throttle control lever not in proper position.</li> <li>5. Engine flooded or flooding.</li> <li>6. Stale or contaminated gasoline.</li> <li>7. Engine switch off.</li> <li>8. Oil level low.</li> </ol>	<ol style="list-style-type: none"> <li>1. Fill gasoline tank.</li> <li>2. Reconnect spark plug lead wire.</li> <li>3. Replace spark plug.</li> <li>4. Move throttle control lever to start position.</li> <li>5. Start engine with choke fully open.</li> <li>6. Drain, clean tank and system and refill with fresh gasoline.</li> <li>7. Turn engine switch to ON position.</li> <li>8. Fill crankcase to proper oil level.</li> </ol>
B. Loss of power, hard starting.	<ol style="list-style-type: none"> <li>1. Spark plug lead wire loose.</li> <li>2. Defective spark plug.</li> <li>3. Carburetor out of adjustment.</li> <li>4. Air cleaner dirty.</li> <li>5. Air vents clogged or plugged.</li> </ol>	<ol style="list-style-type: none"> <li>1. Tighten spark plug lead wire.</li> <li>2. Replace spark plug.</li> <li>3. Properly adjust carburetor.</li> <li>4. Clean and service air cleaner. (See the engine Operation and Maintenance illustrations.)</li> <li>5. Clean vent in gasoline tank cap and carburetor</li> </ol>
C. Engine will not idle properly.	<ol style="list-style-type: none"> <li>1. Idle speed too slow.</li> <li>2. Spark plug gap incorrect.</li> <li>3. Air cleaner dirty.</li> </ol>	<ol style="list-style-type: none"> <li>1. Adjust carburetor idle speed or idle mixture.</li> <li>2. Set spark plug gap; see your Engine Manual</li> <li>3. Clean and service air cleaner. (See the engine Operation and Maintenance illustrations.)</li> </ol>
D. Engine runs hot or overheats.	<ol style="list-style-type: none"> <li>1. Oil level low.</li> <li>2. Engine cooling fins or baffles clogged with dirt and debris.</li> <li>3. Carburetor out of adjustment</li> </ol>	<ol style="list-style-type: none"> <li>1. Fill crankcase to proper oil level.</li> <li>2. Clean and remove obstructions.</li> <li>3. Readjust carburetor.</li> </ol>
E. Control mechanisms for depth brush will not function.	<ol style="list-style-type: none"> <li>1. Parts bent, distorted, worn out or missing.</li> </ol>	<ol style="list-style-type: none"> <li>1. Inspect control mechanism and repair or replace damaged, worn out, or missing components.</li> </ol>

# **PARTS SECTION**



FIGURE 1



# PRO CRACK CLEANER

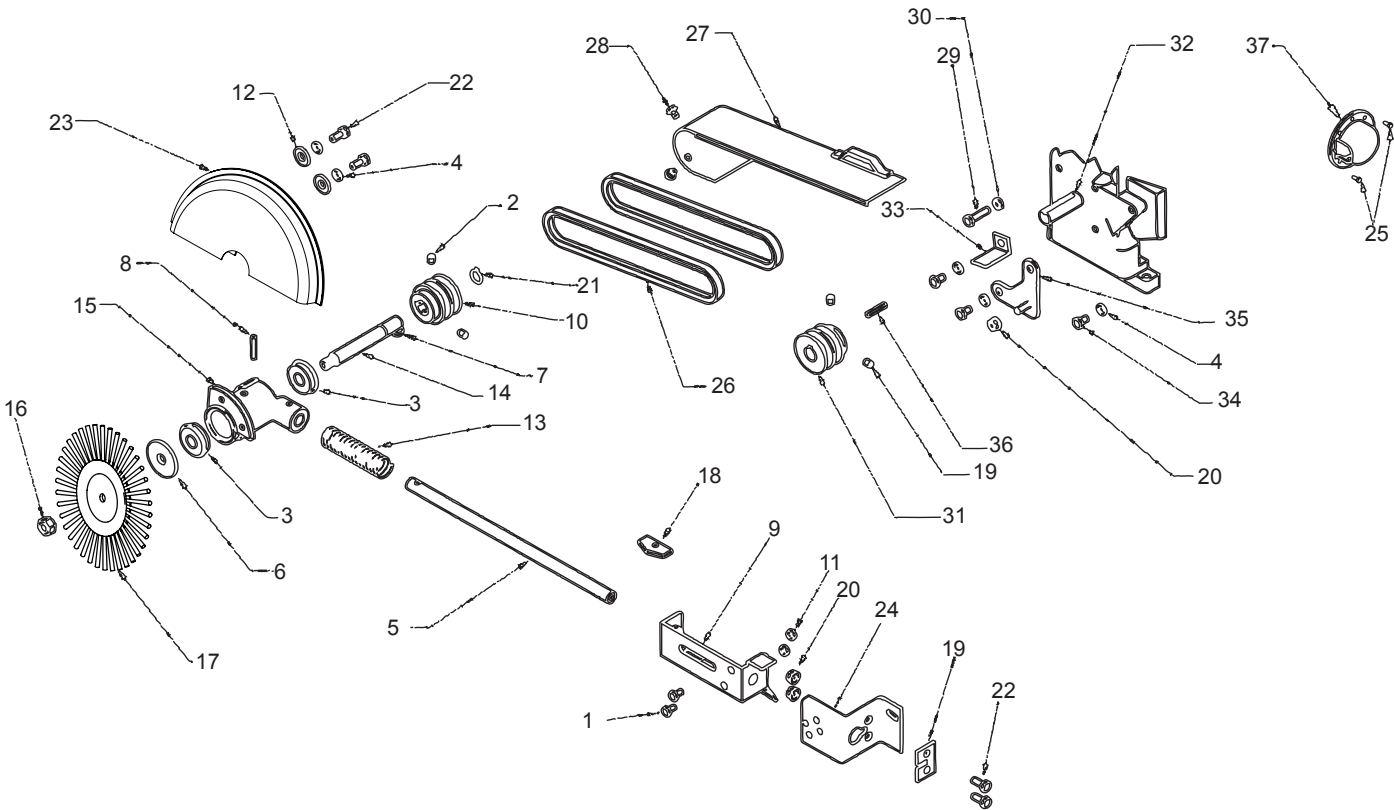
## HANDLE ASSEMBLY

FIGURE 1

ITM	PART NO.	DESCRIPTION	QTY	ITM	PART NO.	DESCRIPTION	QTY
1	144-1	HEX HEAD CAP SCREW 1/4-20X1 1/4	12				
2	163	WASHER - 3/8 ID	3				
3	146B	THROTTLE CLIP	1				
4	156	COTTER PIN	2				
5	167A	SPEED NUT	1				
6	198	DRAW ROD	1				
7	271	THROTTLE ADJUST ASSEMBLY	1				
8	410	HEX HEAD CAP SCREW 1/4-20 X 5/8	1				
9	8-18	GRIP RING	1				
10	227	GRIP - LEVER	1				
11	472	LOCK NUT 1/4-20	9				
12	228.10	LEVER	1				
13	980	HEX HEAD CAP SCREW 3/8-16 X 2	1				
14	155	ADJUSTING ROD UPPER	1				
15	218	SPRING	1				
16	102B	HEX NUT 3/8-16	2				
17	226.10	HANDLE BRACE	1				
18	236	GRIP - HANDLE	2				
19	142-2.10	HANDLE UPPER	1				
20	973	LOCK NUT #10-32	1				
21	208	HEX HEAD CAP SCREW #10-32 X3/4	1				
22	167-2	BELT SLACKENER LEVER	1				
23	165A	GRIP	1				
24	141-2.10	HANDLE-LOWER	1				
25	219	BRACKET	1				
26*	4168453	BRACE LABEL	1				

\*NOT ILLUSTRATED

FIGURE 2



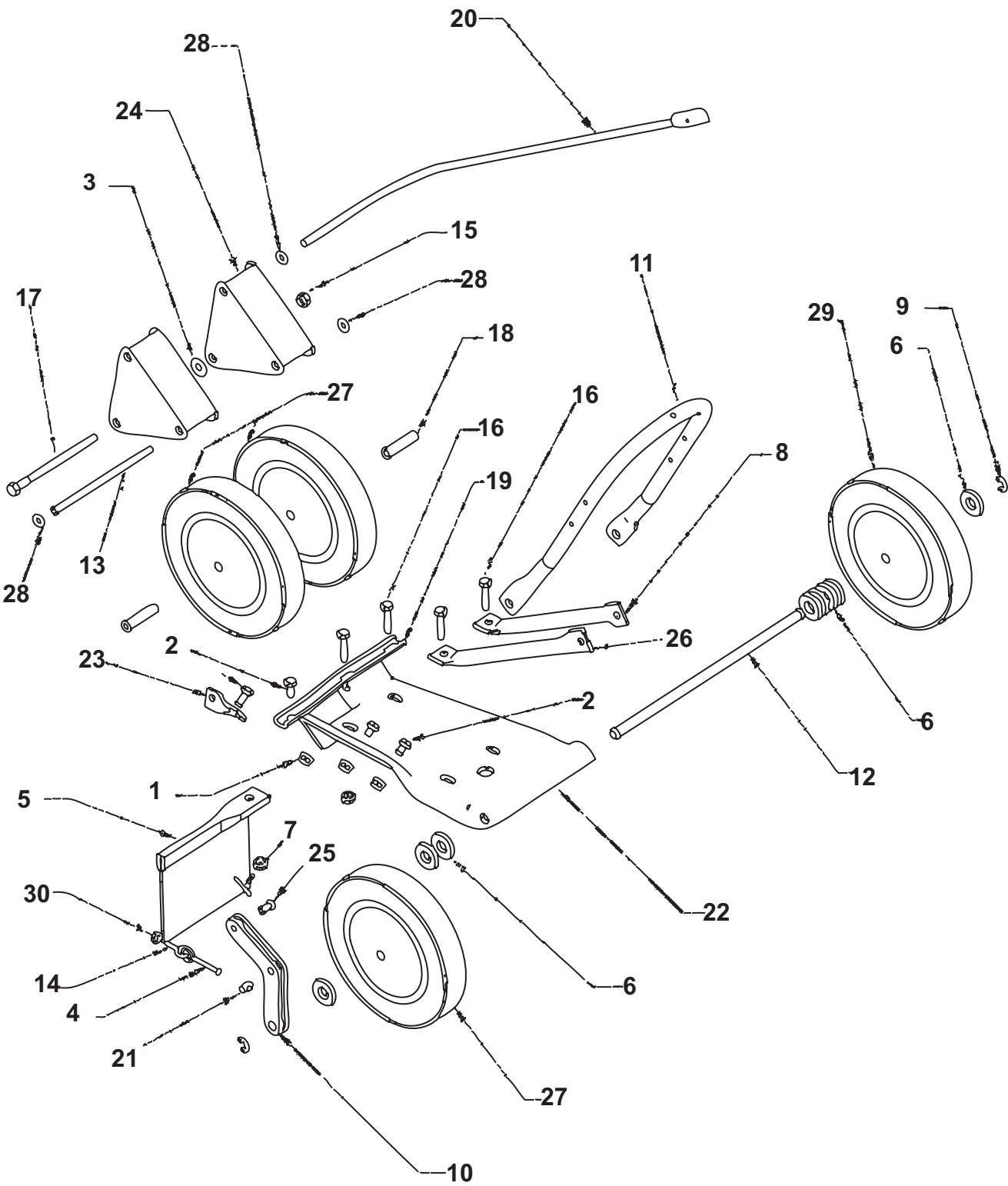
# PRO CRACK CLEANER

## BRUSH / DRIVE ASSEMBLY

FIGURE 2

ITM	PART NO.	DESCRIPTION	QTY	ITM	PART NO.	DESCRIPTION	QTY
1	162B	HEX HEAD SCREW 1/4-20 X 1/2	2				
2	118	SET SCREW 5/16-18 X 3/8	4				
3	124	BEARING	2				
4	129D	LOCK WASHER 5/16	5				
5	131A	CUTTER HEAD SHAFT	1				
6	128	BLADE WASHER	1				
7	121	WOODRUFF KEY #606	1				
8	132	TENSION PIN 1/4 X 1 1/4	1				
9	100C.10	DECK BRACKET	1				
10	220	PULLEY CUTTER HEAD	1				
11	472	LOCK NUT 1/4-20	7				
12	163	WASHER - 3/8 ID	2				
13	134	SPRING	1				
14	181	CUTTER BLADE SHAFT	1				
15	126.17	CUTTER HEAD	1				
16	4051	FLANGE NUT 1/2-20	1				
17	4046	BRUSH	1				
18	138	KEY HEAD SHAFT	1				
19	192	GUIDE PLATE	1				
20	114B	FLANGE NUT 5/16-18	10				
21	122	RETAINING RING	1				
22	129C	HEX HEAD SCREW 5/16-18 X 3/4	8				
23	4163448	S - GUARD, BLADE	1				
24	191	GUIDE BRACKET	1				
25	265	M4X8 PHILLIPS HEAD SLFTAPG	2				
26	177	V BELT	2				
27	930-0004	S - GUARD, BELT	1				
28	140	HEX HEAD SCREW 1/4 - 20 X 3/8	2				
29	196	HEX HEAD SCREW 5/16-24 X 1 1/4	1				
30	197	JAM NUT 5/16-24	1				
31	251	PULLEY - ENGINE	1				
32	262	ENGINE-4HP HONDA	1				
33	212	BRACKET	1				
34	213	HEX HEAD SCREW 5/16 - 24 X 3/4	3				
35	253	ADAPTER PLATE	1				
36	117	KEY, PULLEY - 3/16" SQUARE	1				
37	264	MUFFLER, EXHAUST DFLCTOR	1				
38*	211	CAUTION LABEL	1				
39*	4168760	ROTATING PARTS LABEL	1				
40*	20942	DANGER LABEL	1				
		*NOT ILLUSTRATED					

FIGURE 3



# PRO CRACK CLEANER

## MAIN FRAME ASSEMBLY

FIGURE 3

ITM	PART NO.	DESCRIPTION	QTY	ITM	PART NO.	DESCRIPTION	QTY
1	114B	FLANGE NUT 5/16-18	10				
2	129C	HEX HEAD SCREW 5/16-18 X 3/4	8				
3	163	WASHER - 3/8 ID	5				
4	4163308	FORMED ROD .19 X 2.28	1				
5	209	MUD FLAP	1				
6	176	WASHER 1/2 ID	8				
7	156	COTTER PIN	2				
8	267SH.10	HANDLE SUPPORT - RH	2				
9	103	RETAINING RING	2				
10	169	LINK BELT SLACKENER	1				
11	141-2.10	HANDLE-LOWER	1				
12	184	AXLE	1				
13	185	CLEVIS PIN	1				
14	4163306	BOLT, EYE END 1/4-20X1.40	1				
15	102B	HEX NUT 3/8-16	2				
16	113	HEX HEAD SCREW 5/16-18 X 1 1/2	4				
17	194	HEX HEAD SCREW 3/8-16X5 1/2	1				
18	102C	SLEEVE	2				
19	100D	DECK BRACKET SUPPORT	1				
20	4163572	ADJUSTING ROD LOWER	1				
21	171	CLEVIS PIN	1				
22	100.10	DECK	1				
23	193	FRONT WHEEL BRACKET	1				
24	108	WHEEL HOUSING	2				
25	170	CLEVIS PIN	1				
26	266.10	HANDLE SUPPORT - LH	1				
27	106	WHEEL	3				
28	8-18	GRIP RING	3				
29	107	OFFSET WHEEL	1				
30	175B	NUT, 1/4-20	1				

\*NOT ILLUSTRATED

# Little Wonder Warranty Statement

## Limited Warranty

Products Covered by This Warranty	LENGTH OF WARRANTY: FROM DATE OF ORIGINAL PURCHASE		
	PRIVATE RESIDENTIAL	COMMERCIAL	RENTAL
Hydro Brush Cutter	2 years	2 years	2 years
BedShaper®	2 years	2 years	2 years
Pro Edger	1 year	1 year	1 year
Pro Crack Cleaner	1 year	1 year	1 year
Electric Hedge Trimmer	2 years	2 years	2 years
Gas Hedge Trimmer	5 years	5 years	5 years
AgVac	2 years	2 years	2 years
TruckLoaders (All)	2 years	2 years	2 years
Pro Vac	2 years	2 years	2 years
C5 Blower	2 years	90 days	90 days
Optimax® Blower	5 years	5 years	5 years

Little Wonder products are warranted against defects in materials and workmanship for a period of time shown in the above table from the date of purchase from an authorized dealer by the original purchaser only, and under the following terms and conditions. Schiller Grounds Care's responsibility under this limited warranty is restricted to repairing or replacing, at its option, any covered part found to be defective in material or workmanship during the warranty period. All parts replaced under warranty will be considered as part of the original product and any warranty on the replaced parts will expire coincidentally with the original product warranty.

SCHILLER GROUNDS CARE, INC. MAKES NO EXPRESS OR IMPLIED WARRANTIES, REPRESENTATIONS, OR PROMISES EXCEPT THOSE CONTAINED HEREIN. THERE ARE NO OTHER WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. ALL WARRANTIES OTHER THAN THE EXPRESS WARRANTY SET FORTH ABOVE ARE SPECIFICALLY DISCLAIMED. THE DURATION OF ANY IMPLIED WARRANTY, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IS LIMITED TO THE DURATION OF THIS WRITTEN LIMITED WARRANTY.

**To Obtain Warranty Service** - Warranty service must be performed by an authorized Little Wonder dealer. To locate a dealer, please visit: [www.littlewonder.com](http://www.littlewonder.com) and click on FIND A DEALER. For further assistance, write or email the Technical Services Department of Schiller Grounds Care

Schiller Grounds Care, Inc.  
1028 Street Road  
Southampton, PA 18966  
[techservicesupport@schillergc.com](mailto:techservicesupport@schillergc.com)

### ABOUT YOUR WARRANTY

The warranty period begins on the date of purchase by the original retail or commercial customer from an authorized Little Wonder dealer and is not transferable. Warranty service must be performed by an authorized Little Wonder dealer. If a warranty replacement becomes necessary, the authorized dealer must be prepared to provide the physical component for verification (freight prepaid) upon request from Schiller Grounds Care. Warranty service will be performed without charge to the purchaser for parts will be required to substantiate any warranty claim. Without proof of the initial purchase date from an authorized dealer, the manufacturing date of the product will be used to establish the warranty period.



# Little Wonder Warranty Statement

## EXCLUSIONS

This warranty only covers defects in materials or workmanship.

**Engines and Other Manufacturers** - Schiller Grounds Care makes no warranty with respect to engines or engine parts such as spark plugs, lubricants, starters, filters, and carburetors. The engine warranty is covered by the engine manufacturer. Consult the Operator's Manual for the engine provided with your product or ask an authorized dealer for the terms and conditions of these warranties. Schiller Grounds Care makes no warranty with respect to other parts not of its manufacture such as tires, batteries, gearboxes, or similar. These other parts may be covered by the warranties of their respective manufacturers.

**Wear Items** - This limited warranty does not cover damages or defects from normal wear and tear. This limited warranty does not include routine maintenance and normal maintenance parts, including but not limited to tires, batteries, transmissions, clutches, friction disks, blades, belts, chains, cables, hoses, bearings, non-metal liners, bags, or zippers.

**Negligence and Improper Maintenance or Repair** - This limited warranty does not cover any equipment that has been subject to lack of reasonable and proper maintenance, misuse, lack of proper storage, or accidents. This limited warranty does not cover any damage to the equipment that is caused by a freight carrier or is the result of failure to follow the operating instructions within the Owner's Manual. This limited warranty does not cover any defects due to repairs, modifications, or alternations made to the product by anyone other than Schiller Grounds Care or its authorized dealers. In addition, this limited warranty does not cover repairs made necessary due to a lack of proper protection during storage. This limited warranty does not cover damage caused by the use of parts, supplies, or accessories, including, without limitation, filters, spark plugs, carburetors, ignition, drive belts, brakes, gasoline, fuel, oil, or lubricants, which in the reasonable judgment of Schiller Grounds Care, are either incompatible with the product, adversely affect its operation, performance, durability or are other than as recommended in the Operator's Manual or other operational instructions provided by Schiller Grounds Care.

**Improper Use** - This limited warranty does not cover any Little Wonder Product, part, or accessory that (i) has been subject to misuse, abuse, neglect, negligence, or accident, or that has not been assembled, operated, or maintained in accordance with the operating or maintenance instructions specified in the Operator's Manual; or (ii) has been altered or modified so as to adversely affect its operation, performance or durability, or that has been altered or modified in ways not approved by Schiller Grounds Care. To the extent permitted by law, neither Schiller Grounds Care nor any company affiliated with it makes any warranties, representations, or promises as to the quality, performance, or freedom from defect of the Little Wonder Product, part, or accessory covered by this limited warranty. The authorized dealer makes no warranty of its own and such dealer has no authority to make any representation, warranty, or promise on behalf of Schiller Grounds Care or to modify the terms or limitations of this limited warranty in any way.

**Other Exclusions** - This limited warranty does not include reconditioned, refurbished, used, or demonstration equipment. This limited warranty excludes failures due to acts of nature beyond the manufacturer's control.

**Extended Warranty** - Schiller Grounds Care disclaims responsibility for any separately purchased extended warranty. ALL WARRANTIES OTHER THAN THE EXPRESS WARRANTY SET FORTH ABOVE ARE SPECIFICALLY DISCLAIMED. THE DURATION OF ANY IMPLIED WARRANTY, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IS LIMITED TO THE DURATION OF THIS WRITTEN LIMITED WARRANTY.

**Disclaimer of Consequential Damage** - Schiller Grounds Care disclaims any responsibility for incidental or consequential damages including, but not limited to, the expense for gasoline, the expense of delivering the product to an authorized service dealer, the expense of returning the product to the purchaser, mechanic's travel time, telephone charges, rental of a like product during the repair timeframe, travel, loss of revenue, loss of time, or inconvenience. SCHILLER GROUNDS CARE, INC. DISCLAIMS ALL LIABILITY FOR INDIRECT, INCIDENTAL, AND/OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH THE USE OF THE LITTLE WONDER PRODUCTS COVERED BY THIS LIMITED WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS AND/OR DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.