Congratulations on the purchase of your new Even Cut Edger

Before any warranty service can be authorized you must register this product with the manufacturer.
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About This Manual

Congratulations on the purchase of your new Edger/Trimmer. We are confident that this edger will provide you with years of excellent performance, durability, and trouble free service when operated and maintained as directed in this manual.

This owner’s manual is considered a permanent part of the edger. It must be available to all of the operators and/or person(s) servicing the edger. Should the unit be resold, this manual must remain with the unit.

All information, illustrations, and specifications contained in this manual were in effect at the time of publication. The Manufacturer reserves the right to change, modify, and/or discontinue specifications and/or design without notice. If there is a change that has been made to your trimmer which is not shown or reflected in this manual, please see your authorized dealer before operating and/or servicing the equipment.

Should you ever have any questions regarding the operation, maintenance, or safety of your equipment, please contact your authorized dealer who has been trained on operation and service of this unit.

A space has been provided below to record information about your new Edger/Trimmer. Please take time to record such information for future reference, especially when you contact an authorized dealer with questions.

If you did not sign and receive your copy of your warranty registration, contact your Even Cut dealer to do so immediately! Before any warranty service can be authorized this product must be registered with Havener Enterprises, Inc.

Date Purchased: ____________________________________________________
Model Number: ____________________________________________________
Serial Number: ____________________________________________________
Purchased From: ____________________________________________________

____________________________________________________
SAFETY INFORMATION
Read This Manual Carefully And Thoroughly Before Operating The Edger!

Training

1. CAUTION: Carefully and thoroughly read the owner’s manual. Allow adequate time to fully understand the controls and operation of the equipment.

2. CAUTION: Never allow anyone to operate the edger that has not read and fully understood the owner’s manual. Never allow children to operate the edger.

3. WARNING: Keep area of operation clear of all persons, particularly small children and pets. Failure to follow instructions may cause serious injury or death!

Before Use of Equipment

Operator:
Wear protective clothing while edging. Long trousers and safety glasses will help reduce the risk of injury from thrown objects. It is recommended that steel toe shoes with thick soles or some other type of substantial footwear be worn to help protect your feet and maintain traction on slopes or uneven ground. Always wear hearing protection.

Edging Area:
WARNING: Thoroughly inspect the area where the equipment is to be used. Look for items such as stones, sticks, wire and other foreign objects. When struck by the edger, these and other objects may become projectiles that could lead to serious injury and/or death.

Operation:
For your safety and the long life of your equipment, always inspect the edger before each use. Before inspection, make sure it is on a flat and level surface, the blade is disengaged, the engine switch off and the spark plug wire is off of the spark plug and hidden so that accidental contact can not be made.

General Condition:
· Walk around the edger looking for any fluid spills or leaks on or underneath the edger. Remove any and all excessive debris, dirt, and/or fluids.
· Look for signs of damage or excessive wear. Check the tightness of all nuts, bolts, pins, and screws. Tighten any that may be loose and replace any that may have been lost during use.
· Check the edger blades for any damage or abnormal wear and replace.
· Check the belt and if worn, replace with a new belt.
· Check engine oil and air filter.
Operation of Equipment

DANGER: GASOLINE IS HIGHLY FLAMMABLE AND EXPLOSIVE. DO NOT ADD FUEL WHILE THE ENGINE IS RUNNING OR IS HOT. KEEP OPEN FLAMES, SPARKS, AND HEAT AWAY FROM THE FUEL AND STORE FUEL IN CONTAINERS SPECIFICALLY DESIGNED FOR THAT PURPOSE. ADD FUEL OUTDOORS ONLY AND IF THE FUEL IS SPILLED, DO NOT START THE ENGINE. MANUALLY PUSH THE EDGER AWAY FROM THE SPILL AND IMMEDIATELY WIPE UP.

DANGER: Do not operate the engine in a confined space where dangerous carbon monoxide fumes can collect. Carbon monoxide is odorless, tasteless, and can be fatal.

Edge only in daylight.

Disengage cutterhead drive before attempting to start the engine.

Watch for traffic when crossing surfaces other than grass. (i.e. transporting,) loading onto or off loading from a trailer or vehicle, or when the edger is not in use.

DANGER: Never operate the edger unless the blade guard, belt guards, and debris guards are properly in place. Operating without the guards in place can cause serious injury or death. Never direct discharge of material toward bystanders.

Reduce your speed on slopes to avoid tipping or loss of control.

Do not change the governor settings or over speed the engine.

Always stop the engine whenever you leave the edger, even for a moment.

Never direct discharge of material toward bystanders nor allow anyone near the machine while in operation.

To help reduce the risk of a fire hazard, keep the engine and the area around the engine free of grass, leaves, or any other type of foreign material.

Beware of cutting edges. Always wear gloves for safety when performing blade maintenance activities.

Always stop the blade when crossing gravel driveways, roads, or walkways.

Never store the edger with gasoline in the tank in a building where fumes may reach an open flame or spark.

Be sure engine has cooled to ambient temperatures before storing or refueling.
Assembly

**NOTE:** Reference to Left or Right side of the machine is from the operator’s position at the handle, facing forward.

The edger, except the handle and throttle control is fully assembled, packed and shipped in one carton.

**Attaching The Handle**

1. Align the top handle, lower support and handle brace holes. Ensure the name plate is facing the engine. Leave bolts loose until steps 2 and 3 are completed. Attach handle assembly to edger frame, handle brace using all eight bolts and nuts (Fig 1, 2 and 3).

![Figure 1](image1.png)

![Figure 2](image2.png)

![Figure 3](image3.png)

2. Install control rod into lower pivot hole and secure with hairpin cotter. (Fig. 4). Oil swivel pivots lightly before installing rod.

![Figure 4](image4.png)
3. Move clutch-depth lever located on the top left side of handle, into rear notch of quadrant on handlebar. (Fig 5).
   Move cutter head angling lever located on the left side of frame, to the top notch of quadrant.

4. Remove spark plug wire from spark plug. Check clutch operation by pulling recoil starter rope. If blade turns when the lever is in top notch, loosen handle bolts and pull back on handles towards operator. Tighten bolts and check clutch operation again.

5. Reinstall spark plug wire

**NOTE:** Make sure the blade does not turn when lever is in top notch - disengaged.

**Fill Engine With Oil**

**NOTE:** THERE IS NO OIL IN THE ENGINE CRANKCASE WHEN SHIPPED.

1. Follow instructions in the engine manual for correct grade of oil, oil filling and oil changing
2. Do not mix oil with gasoline.
Installing The Throttle Wire
1. Set the throttle control lever located on the right side of the handle in the “STOP” position. (Fig 2) Set the throttle lever located on the right side of engine in the “SLOW” speed position. Remove air filter cover. Insert throttle wire through the clamp then slide wire through wire holder. (Fig 1) Tighten screws and replace air filter. Make sure the throttle fully opens and closes properly.

Fuel Specification
1. Follow fueling instructions in the engine manual.

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2. Always clean area around fuel cap before removing it to prevent excessive amounts of dirt from entering fueling system. Also insure that the fuel storage container you are using is clean and in good condition.

Engine Operation
CAUTION: Before starting engine, become totally familiar with all controls. Read this Operator’s Manual thoroughly. Always check engine oil level before starting engine.
Operating Your Edger/Trimmer

Correct Engine Operation

⚠️ **CAUTION:** Always disengage edger/trimmer blade and shut engine off when leaving the edger/trimmer unattended, even for a moment. Don’t allow children or unauthorized persons to operate this machine.

Adjusting Cutterhead Angle

Before starting the engine you must adjust the cutterhead angle. The cutterhead angling lever enables the operator to position the blade horizontally for trimming or edging in various positions. The lever is located on the left hand side of the frame. (Figure 1).

⚠️ **CAUTION:** Never adjust cutterhead angle when engine is running

Clutch And Depth Lever Settings

The clutch and depth lever is used to engage and disengage the drive belt which operates the blade. It is also used to regulate the depth of edging and height of trimming.
Starting The Engine

1. Be sure the clutch lever is in the rearward DISENGAGED position before starting the engine. (Fig 1)
2. Manually set the choke to the “CLOSED” position on the engine (Fig 2).
3. Turn engine switch to “ON”. (Fig 3).
4. Grasp the recoil starting handle and pull quickly. Return the handle slowly. If the engine fails to start after three or four pulls, push the throttle down to the detent full throttle (Fast) position.
5. Once the engine starts, push the choke to the “OPEN” position.

**CAUTION**: Always start the edger/trimmer slowly. Sudden starts can be damaging to the equipment and could cause loss of operator control.
Engaging the Drive Belt
1. Move clutch and depth lever forward to engage drive belt and blade. (Fig 4)
2. The notches in the base of lever allow adjusting for depth or cut or height for trimming.

Stopping the Edger
1. Disengage edger/trimmer clutch and depth lever.
2. Move the throttle control to “STOP” position. Make sure the blade is not rotating before leaving the operating position. (Fig 5). Turn engine switch to “OFF” position.
**Wheel Positioning**

The wheel adjusting spacer should be centered between the wheels when edging with the blades in the vertical position. (Fig 1) The wheel spacer must be next to the belt guard position with both wheels together when edging with the cutterhead in an angle position, trimming (horizontal position) or curb riding. (Fig 2)

⚠️ **DANGER: DO NOT CHANGE THE WHEEL POSITION WHILE THE ENGINE IS RUNNING.** (figure 2)

1. Remove the spacer from between the wheels by lifting on the spacer with open side down.
2. Slide the left front wheel on the axle toward the right wheel and install the spacer on the axle between the frame and the wheel.

⚠️ **CAUTION:** Before starting the engine be sure the wheels and cutter head are positioned so the blade will not strike the wheels.

![Figure 1](image1.png)

**Figure 1**

![Figure 2](image2.png)

**Figure 2**

**NOTE:** Only vertical edging can be done when curb riding.
Correct Edger/Trimmer Usage

Operation of the Trimmer/Edger

DANGER: KEEP ALL SHIELDS IN PLACE. NEVER ATTEMPT TO CLEAR DISCHARGE AREAS OF EDGER/TRIMMER BLADE WITHOUT DISENGAGING THE CLUTCH LEVER AND STOPPING THE ENGINE.

For best results when edging, adjust blade to 20° angle cut and adjust the cutting depth of the blade to within 1/2” to 1” deep. (With a new blade use the third notch on the adjustment bracket.)

To avoid unnecessary stress on the engine and blade wear, don’t cut too deep.

Re-adjust cutting depth as blade begins to wear at tips.

Avoid edging or trimming in wet grass so the blade guard will not clog.

Always push edger/trimmer at moderate walking speed for the best results.

For edging around shaped flower beds or curved areas:

- Before starting the engine place the wheels closer together by removing the wheel spacer clip on the front axle.
- Slide wheels to side away from blade and replace spacer.
- After starting the engine, set blade depth and slightly lift the rear wheels to add angles around corners.

Maintaining Your Edger/Trimmer

CAUTION To minimize the chance of injury always perform maintenance and adjustments with the engine off unless instructed otherwise.

Maintenance Checklist

1. Refer to the engine manual for engine maintenance instructions. Correct grade of oil and gasoline is included in the instructions.

NOTE: Check the oil level of the engine every time before the edger/trimmer is used. Improper oil levels can cause extensive internal damage to the engine. Failure to change the engine oil at recommended intervals can lead to serious damage.

Spark Plugs

NOTE: Check the spark plug after 50 hours of operation. Replace the spark plug at 100 hours operating intervals or sooner if inspection shows excessive wear.

1. Always clean area around the spark plug before removal to prevent dirt form entering the engine. Use a spark plug wrench to remove and install plug.
2. Always check spark plug gap before installing a new plug or reinstalling the original plug. Use a spark plug gap gauge to adjust the electrode air gap as indicated in the engine manual.
Blade Maintenance

**CAUTION:** Beware of the cutting edges on the blades. Always wear work gloves when handling blades.

**Changing Blades**

1. Remove cutterhead pulley guard.
2. Place an 8 mm wrench on the inside of the cutterhead shaft and a wrench on the blade nut. Turn to loosen nut. Remove outer washer and old blade.
3. Insert new blade. Place outer washer the same direction as removed and tighten nut as snug as possible.
4. Reinstall cutterhead pulley guard.

**Lubrication**

1. Use #2 multi-purpose grease on cutterhead body.
2. Oil all exposed bearings, linkages and front wheels.
3. The two sealed bearings on the cutterhead do not require lubrication.

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**Storage Instructions**

Edger/trimmers stored for any length of time should be completely drained of fuel to prevent gum deposits from forming in the carburetor and fuel tank. Follow these steps before storing the engine.

1. Drain fuel tank completely.
2. Run the engine until it stops to clean all gasoline out of carburetor.
3. While the engine is still warm, drain the crank case.
4. Remove the spark plug. Pour one ounce of oil into the cylinder. Pull starter rope on the engine to spread the oil. Replace the spark plug.
5. Clean dirt from engine cylinder and cylinder head fins and starter blower housing.
Edger Illustrated Parts List
Handle Assembly
Edger Illustrated Parts List
Frame Assembly
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Even Cut Edger Safety Decals

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CAUTION
HELP AVOID INJURY BEFORE STARTING
- TIGHTEN GAS CAP
- DISENGAGE BLADE BELT DRIVE

800-040

DANGER
ROTATING BLADE
Stop engine

800-041

BLADE ANGLE
20°
10°
VERTICAL
10°
20°
HORIZONTAL

800-038

Blade

800-037

CAUTION
HELP AVOID INJURY
- WHEN LEAVING: STOP ENGINE
- KEEP SHIELDS AND SAFETY DEVICES IN PLACE
- READ OPERATOR’S MANUAL

Complete Decal Sheet 800-044
# TROUBLE SHOOTING

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Engine Does Not Start</strong></td>
<td>Fuel tank empty</td>
<td>Fill fuel tank</td>
</tr>
<tr>
<td></td>
<td>Choke control not in the choke position</td>
<td>Close choke</td>
</tr>
<tr>
<td></td>
<td>Carburetor improperly adjusted</td>
<td>Remove spark plug, dry the plug</td>
</tr>
<tr>
<td></td>
<td>Engine flooded</td>
<td>Crank engine with plug removed and choke in OFF position. Replace</td>
</tr>
<tr>
<td></td>
<td>Spark plug wire loose or disconnected</td>
<td>spark plug and re-start</td>
</tr>
<tr>
<td></td>
<td>Bad spark plug</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dirty air filter</td>
<td>Replace</td>
</tr>
<tr>
<td></td>
<td>Clogged fuel filter</td>
<td>Replace</td>
</tr>
<tr>
<td></td>
<td>Bad/Old fuel</td>
<td>Drain and refill with fresh fuel</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Engine Starts Hard Or</strong></td>
<td>Dirt or water in the fuel tank</td>
<td>Drain and clean fuel tank</td>
</tr>
<tr>
<td><strong>Loses Power</strong></td>
<td>Clogged or dirty fuel filter</td>
<td>Replace</td>
</tr>
<tr>
<td></td>
<td>Air filter dirty</td>
<td>Replace</td>
</tr>
<tr>
<td></td>
<td>Faulty spark plug</td>
<td>Replace</td>
</tr>
<tr>
<td></td>
<td>Incorrect oil level</td>
<td>Check and adjust</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Engine Overheats</strong></td>
<td>Obstruction from air passage in shrouds</td>
<td>Remove obstruction</td>
</tr>
<tr>
<td></td>
<td>Incorrect oil level</td>
<td>Check and adjust</td>
</tr>
<tr>
<td></td>
<td>Dirty air filter</td>
<td>Check and replace</td>
</tr>
<tr>
<td></td>
<td>Faulty spark plug</td>
<td>Replace</td>
</tr>
<tr>
<td></td>
<td>Cooling fans are dirty</td>
<td>Clean fans</td>
</tr>
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</table>
# TROUBLE SHOOTING

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<tr>
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<th>Solution</th>
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<tr>
<td>Irregular Running</td>
<td>Dirt or water in the fuel tank</td>
<td>Drain and clean fuel tank</td>
</tr>
<tr>
<td></td>
<td>Dirty air filter</td>
<td>Replace</td>
</tr>
<tr>
<td></td>
<td>Vent in gas cap and/or carburetor plugged</td>
<td>Clear</td>
</tr>
<tr>
<td>Idles Poorly</td>
<td>Carburetor idle speed too slow</td>
<td>Check and adjust</td>
</tr>
<tr>
<td></td>
<td>Spark plug gap too close</td>
<td>Check and adjust</td>
</tr>
<tr>
<td>Hesitates at High Speeds</td>
<td>Dirty air filter</td>
<td>Replace</td>
</tr>
<tr>
<td></td>
<td>Carburetor improperly adjusted</td>
<td>Adjust</td>
</tr>
<tr>
<td></td>
<td>Spark plug faulty or gap too wide</td>
<td>Check and adjust and/or replace</td>
</tr>
</tbody>
</table>
Warranty Statement

This edger/trimmer is warranted from one (1) year from the original date of purchase against defects in material or workmanship, when operated and maintained in accordance with the Owner’s Manual.

Upon examination by the Manufacturer or an authorized servicing representative, any part(s) of the original equipment found to be defective will be replaced free of charge. The defective equipment must be returned with shipping or postage pre-paid.

This warranty covers parts only. The cost of warranted parts that are subject to normal wear, such as but not limited to: bent parts, coating and paint, air filters, belts, blades, bearings, oil filters, and tires, will be borne by the purchaser/owner unless such wear was caused by a defect in material and workmanship.

This warranty does not cover any unit that has been subject to neglect, negligence, misuse, or accident, or that has been operated in any way contrary to the operating instructions as specified in the Owner’s Manual.

This warranty does not cover any edger altered or modified to change the performance or durability. In addition, the warranty is not extended to parts made necessary by the use of parts or accessories which, in the reasonable judgement of the Manufacturer are compatible with the edger or adversely affect its operation, performance, or durability.

This warranty is not transferrable.

The Manufacturer assumes no responsibility or incidental, consequential, or other damages including, but not limited to: expense for gasoline, expense of delivering the equipment to an authorized dealer and expense of returning it to the owner, mechanic’s travel time, telephone or communication charges, rental of a similar product during the time warranty repairs are being performed, travel, loss or damage to personal property, loss of revenue, loss of the use of time, or inconvenience.

There are no other expressed or implied warranties and liability for consequential damages under this warranty and are excluded to the extent exclusions are permitted by law. No warranty service will be authorized until your registration card has been received by the Manufacturer.