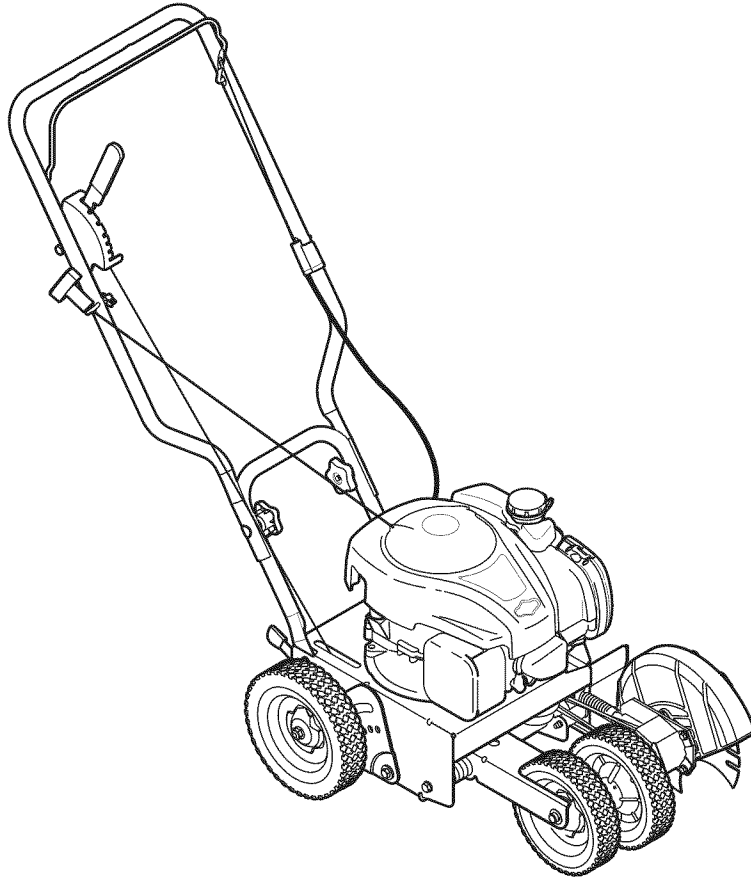


Operator's Manual



EDGER/TRENCHER

Model No. 247.762460



CAUTION: Before using this product, read this manual and follow all safety rules and operating instructions.

- SAFETY
- ASSEMBLY
- OPERATION
- MAINTENANCE
- PARTS LIST
- ESPAÑOL

Sears Brands Management Corporation, Hoffman Estates, IL 60179, U.S.A.

Visit our website: www.craftsman.com

Form No. 769-08750A
(January 21, 2013)

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WARRANTY STATEMENT

Craftsman Two Year Full Warranty

FOR TWO YEARS from the date of purchase, this product is warranted against any defects in material or workmanship. Defective product will receive free repair or free replacement if repair is unavailable.

For warranty coverage details to obtain repair or replacement, visit the web site: www.craftsman.com.

This warranty covers ONLY defects in material and workmanship. Warranty coverage does NOT include:

- Expendable items which can wear out from normal use within the warranty period, such as belts, filters, spark plugs or edging blades.
- Product damage resulting from user attempts at product modification or repair or caused by product accessories.
- Repairs necessary because of accident or failure to operate or maintain the product according to all supplied instructions.
- Preventative maintenance or repairs necessary due to improper fuel mixture, contaminated or stale fuel.

This warranty is void if this product is ever used while providing commercial services or if rented to another person.

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

Sears Brands Management Corporation, Hoffman Estates, IL 60179

PRODUCT SPECIFICATIONS

Engine Oil: SAE 30
Fuel: Unleaded Gasoline
Engine: Briggs & Stratton

MODEL NUMBER

Model Number _____
Serial Number _____
Date of Purchase _____

Record the model number, serial number,
and date of purchase above.

SAFETY INSTRUCTIONS

WARNING

This symbol points out important safety instructions which, if not followed, could endanger the personal safety and/or property of yourself and others. Read and follow all instructions in this manual before attempting to operate this machine. Failure to comply with these instructions may result in personal injury. When you see this symbol, **HEED ITS WARNING!**

WARNING

CALIFORNIA PROPOSITION 65

Engine Exhaust, some of its constituents, and certain vehicle components contain or emit chemicals known to State of California to cause cancer and birth defects or other reproductive harm.

DANGER

This machine was built to be operated according to the safe operation practices in this manual. As with any type of power equipment, carelessness or error on the part of the operator can result in serious injury. This machine is capable of amputating fingers, hands, toes and feet and throwing debris. Failure to observe the following safety instructions could result in serious injury or death.

WARNING

Your Responsibility—Restrict the use of this power machine to persons who read, understand and follow the warnings and instructions in this manual and on the machine.

SAVE THESE INSTRUCTIONS!

GENERAL OPERATION

- Read this operator's manual carefully in its entirety before attempting to assemble this machine. Read, understand, and follow all instructions on the machine and in the manual(s) before operation. Keep this manual in a safe place for future and regular reference and for ordering replacement parts.
- Be completely familiar with the controls and the proper use of this machine before operating it.
- This machine is a precision piece of power equipment, not a plaything. Therefore, exercise extreme caution at all times. Your machine has been designed to perform one job: to edge lawn. Do not use it for any other purpose.
- Never allow children under 14 years of age to operate this machine. Children 14 and over should read and understand the instructions and safe operation practices in this manual and on the machine and be trained and supervised by an adult.
- Only responsible individuals who are familiar with these rules of safe operation should be allowed to use this machine.
- To help avoid blade contact or a thrown object injury, stay in operator zone behind handles and keep children, bystanders, helpers and pets at least 75 feet from lawn edger while it is in operation. Stop machine if anyone enters area.
- Thoroughly inspect the area where the equipment is to be used. Remove all stones, sticks, wire, bones, toys and other foreign objects which could be tripped over or picked up and thrown by the blade. Thrown objects can cause serious personal injury.
- Always wear safety glasses or safety goggles during operation and while performing an adjustment or repair to protect your eyes. Thrown objects which ricochet can cause serious injury to the eyes.
- Wear sturdy, rough-soled work shoes and close-fitting slacks and shirts. Shirts and pants that cover the arms and legs and steel-toed shoes are recommended. Never operate this machine in bare feet, sandals, slippery or light weight (e.g. canvas) shoes.
- Never attempt to make any adjustments while the engine is running, except where specifically recommended in the operator's manual.
- Do not put hands or feet near rotating parts. Contact with the rotating blade can amputate hands and feet.
- The blade control handle is a safety device. Never bypass its operation. Doing so, makes the machine unsafe and may cause personal injury.
- Never operate without blade guard, debris shield and blade control handle in place and working.
- Never operate with damaged safety devices. Failure to do so, can result in personal injury.
- Never run an engine indoors or in a poorly ventilated area. Engine exhaust contains carbon monoxide, an odorless and deadly gas.
- Do not operate machine while under the influence of alcohol or drugs.
- Muffler and engine become hot and can cause a burn. Do not touch.
- Never operate this machine without good visibility or light. Always be sure of your footing and keep a firm hold on the handles. Walk, never run.
- Do not operate this machine if it has been dropped or damaged. Return machine to your nearest authorized servicing dealer for examination and repair.
- Do not operate this machine with a damaged or excessively worn cutting blade.
- Never attempt to clear material from the blade guard while the engine is running. Shut the engine off, disconnect the spark plug wire and ground against the engine to prevent unintended starting.
- Do not overload machine capacity by attempting to edge at too fast of a rate.
- Stay alert for uneven sidewalks, terrain etc. Always push slowly over rough surfaces. Do not use this machine on gravel surfaces.
- Do not operate machine in rain or wet soil conditions.
- Always operate machine from behind the handles and position yourself where the direct line of sight to cutting blade is blocked by guards.

SAFETY INSTRUCTIONS

- Always stop engine when edging or trimming is delayed or when transporting machine from one location to another.
- Never leave a running machine unattended. Stop the engine, disconnect spark plug wire and ground against the engine to prevent unintended starting.
- Only use parts and accessories made for this machine by the manufacturer. Failure to do so, can result in personal injury.
- If situations occur which are not covered in this manual, use care and good judgment.

CHILDREN

Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to power equipment such as lawn edgers. They do not understand the dangers. Never assume that children will remain where you last saw them.

- Keep children out of the edging area and under watchful care of a responsible adult other than the operator.
- Be alert and turn lawn edger off if a child enters the area.
- Before and while moving backwards, look behind and down for small children.
- Use extreme care when approaching blind corners, doorways, shrubs, trees, or other objects that may obscure your vision of a child who may run into the lawn edger.
- Keep children away from hot or running engines. They can suffer burns from a hot muffler.
- Never allow children under 14 years of age to operate this machine. Children 14 and over should read and understand the instructions and safe operation practices in this manual and on the machine and be trained and supervised by an adult.

SERVICE

Safe Handling of Gasoline:

To avoid personal injury or property damage use extreme care in handling gasoline. Gasoline is extremely flammable and the vapors are explosive. Serious personal injury can occur when gasoline is spilled on yourself or your clothes which can ignite. Wash your skin and change clothes immediately.

- Use only an approved gasoline container.
- Never fill containers inside a vehicle or on a truck or trailer bed with a plastic liner. Always place containers on the ground away from your vehicle before filling.
- Remove gas-powered equipment from the truck or trailer and refuel it on the ground. If this is not possible, then refuel such equipment on a trailer with a portable container, rather than from a gasoline dispenser nozzle.
- Keep the nozzle in contact with the rim of the fuel tank or container opening at all times until fueling is complete. Do not use a nozzle lock-open device.
- Extinguish all cigarettes, cigars, pipes and other sources of ignition.
- Never fuel machine indoors because flammable vapors will accumulate in the area.

- Never remove gas cap or add fuel while engine is hot or running. Allow engine to cool at least two minutes before refueling.
- Never over-fill fuel tank. To allow for expansion of the fuel, do not fill above the bottom of the fuel tank neck.
- Replace gasoline cap and tighten securely.
- If gasoline is spilled, wipe it off the engine and equipment. Move machine to another area. Wait 5 minutes before starting engine.
- Never store the machine or fuel container near an open flame, spark or pilot light as on a water heater, space heater, furnace, clothes dryer or other gas appliances.
- To reduce fire hazard, keep machine free of grass, leaves, or other debris build-up. Clean up oil or fuel spillage and remove any fuel-soaked debris.
- Allow machine to cool at least 5 minutes before storing.

General Service:

- Never run an engine indoors or in a poorly ventilated area. Engine exhaust contains carbon monoxide, an odorless and deadly gas.
- Before cleaning, repairing, or inspecting, make certain the blade and all moving parts have stopped. Disconnect the spark plug wire and ground against the engine to prevent unintended starting.
- Check the blade and engine mounting bolts at frequent intervals for proper tightness. Also, visually inspect blade for damage (e.g., bent, cracked, worn) Replace blade with the original equipment manufacturer's (O.E.M.) blade only, listed in this manual. "Use of parts which do not meet the original equipment specifications may lead to improper performance and compromise safety!"
- Lawn edger blades are sharp and can cut. Wrap the blade or wear gloves, and use extra caution when servicing them.
- Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
- Never tamper with safety devices. Check their proper operation regularly.
- After striking a foreign object, stop the engine, disconnect the spark plug wire and ground against the engine. Thoroughly inspect the lawn edger for any damage. Repair the damage before starting and operating the lawn edger.
- Never attempt to make a wheel adjustment while the engine is running.
- Many components on your new edger can wear with continued use. For safety protection, frequently check all edger components and replace immediately with original equipment manufacturer's (O.E.M.) parts only, listed in this manual. "Use of parts which do not meet the original equipment specifications may lead to improper performance and compromise safety!"
- Do not change the engine governor setting or overspeed the engine. The governor controls the maximum safe operating speed of the engine.
- Maintain or replace safety and instruction labels, as necessary.
- Observe proper disposal laws and regulations for used gas, oil, etc.. Improper disposal of fluids and materials can harm the environment.

SAFETY INSTRUCTIONS

- According to the Consumer Products Safety Commission (CPSC) and the U.S. Environmental Protection Agency (EPA), this product has an Average Useful Life of seven (7) years, or 70 hours of operation. At the end of the Average Useful Life have the machine inspected annually by an authorized service dealer to ensure that all mechanical and safety systems are working properly and not worn excessively. Failure to do so can result in accidents, injuries or death.

DO NOT MODIFY ENGINE

To avoid serious injury or death, do not modify engine in any way. Tampering with the governor setting can lead to a runaway engine and cause it to operate at unsafe speeds. Never tamper with factory setting of engine governor.

NOTICE REGARDING EMISSIONS

Engines which are certified to comply with California and federal EPA emission regulations for SORE (Small Off Road Equipment) are certified to operate on regular unleaded gasoline, and may include the following emission control systems: Engine Modification (EM), Oxidizing Catalyst (OC), Secondary Air Injection (SAI) and Three Way Catalyst (TWC) if so equipped.

SAFETY SYMBOLS

This page depicts and describes safety symbols that may appear on this product. Read, understand, and follow all instructions on the machine before attempting to assemble and operate.

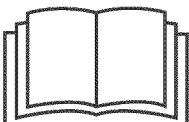




SPARK ARRESTOR

WARNING

This machine is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brushcovered or grass-covered land unless the engine's exhaust system is equipped with a spark arrestor meeting applicable local or state laws (if any).

If a spark arrestor is used, it should 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.

A spark arrestor for the muffler is available through your nearest Sears Parts and Repair Service Center. Call 1-800-469-4663 for Service Center locations.

Symbol	Description
	READ THE OPERATOR'S MANUAL(S) Read, understand, and follow all instructions in the manual(s) before attempting to assemble and operate
	WARNING— ROTATING BLADES Keep hands and feet away from rotating blade.
	BYSTANDERS Keep bystanders, pets, and children at least 75 feet from the machine while it is in operation. Stop machine if anyone enters the area.
	WARNING— HOT SURFACES Do not touch muffler or adjacent areas.
	EYE PROTECTION Always wear safety glasses or safety goggles when operating this machine.



WARNING: Your Responsibility—Restrict the use of this power machine to persons who read, understand and follow the warnings and instructions in this manual and on the machine.

SAVE THESE INSTRUCTIONS!

ASSEMBLY

IMPORTANT: This unit is shipped without gasoline or oil in the engine. Be certain to service engine with gasoline and oil as instructed in the Operation section before starting or running your machine.

NOTE: Reference to right and left hand side of the edger is observed from the operating position.

Assembly

Handle

Remove and discard any packaging cardboard that may be present between the upper handle and the lower handle.

1. Pivot the upper handle upward until it snaps into place. See Figure 1.

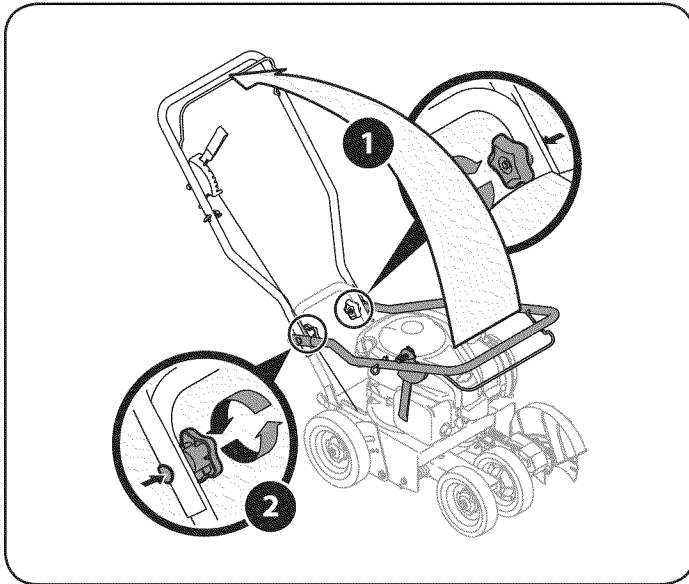


Figure 1

2. Tighten the hand knobs, which are located on both the left and right sides of the handle.

Control Cable Z-Fitting

Unwrap the control cable from around the engine and route it up the left side of the handle.

1. To make it easier to attach the Z-fitting, temporarily remove the left side of the blade control as shown in Figure 2.
2. Hook the Z end of the brake cable into the control from the inside to outside. See Figure 2.
3. Reattach the left side of the blade control.

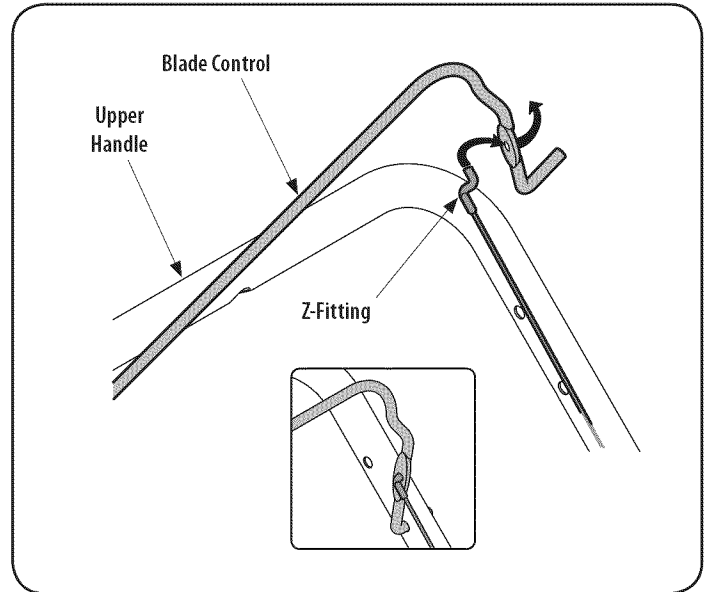


Figure 2

Securing Control Cable

⚠ WARNING

The cable must be routed properly to avoid contact with all sharp edges and hot surfaces. Such contacts damage the cable and render the controls inoperative.

1. Press the stud inside the snap fitting into the hole found on the left side of the upper handle, as shown in Figure 3.
2. Push the snap fitting down on the handle to secure it into place.

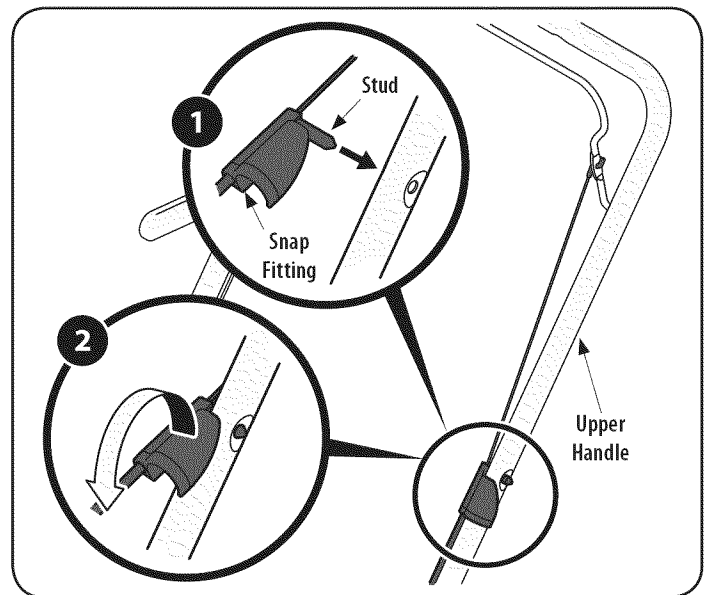


Figure 3

ASSEMBLY

Securing Blade Depth Control Cable

Unwrap the blade depth control cable and route it up the right side of the handle.

1. Pull the depth control lever out of the first position of the depth control bracket.
2. Push lever all the way forward.
3. Release lever into last position of bracket.
4. Hook the Z end of the depth control cable into the hole on the depth control lever as shown in Figure 4.

Starter Rope

1. Locate the rope guide and wing knob found in the manual bag. Using the wing knob, secure but do not tighten the rope guide to the right side of the upper handle as shown in Figure 5.
2. Stand behind the edger and hold the blade control against the upper handle.
3. Gently pull the starter rope out of the engine.

WARNING

The edger blade WILL rotate when the starter rope is pulled.

NOTE: The starter rope will not pull out of the engine unless the blade control (refer to Figure 5) is depressed against the upper handle.

4. Slip the starter rope through the top of the rope guide. Tighten the wing knob which secures the rope guide to the upper handle.

Adjustments

Bevel Adjustment

1. The angle of the edger blade can be adjusted by placing the bevel adjustment lever in one of three positions for edging. See Figure 6.

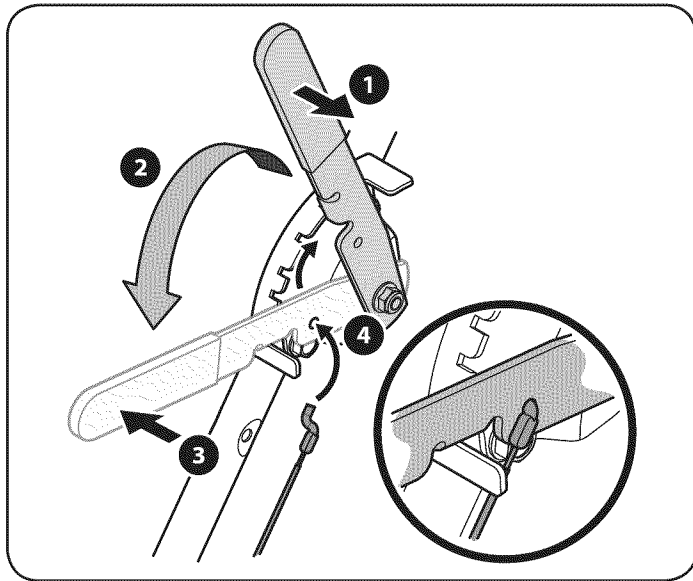


Figure 4

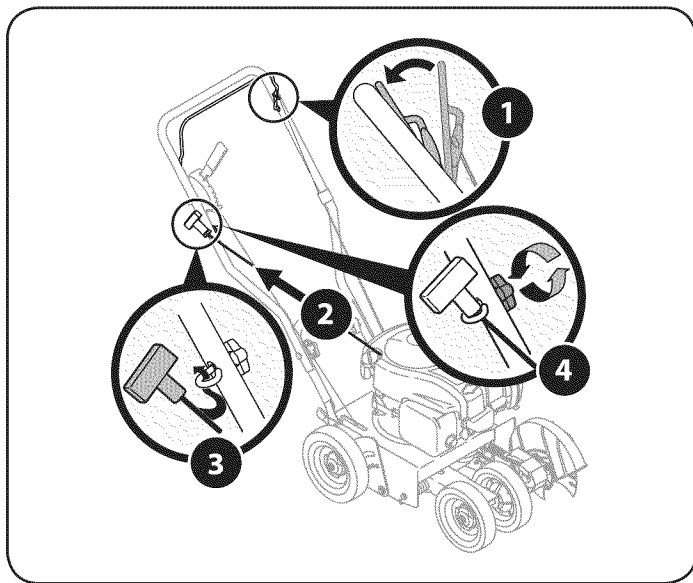


Figure 5

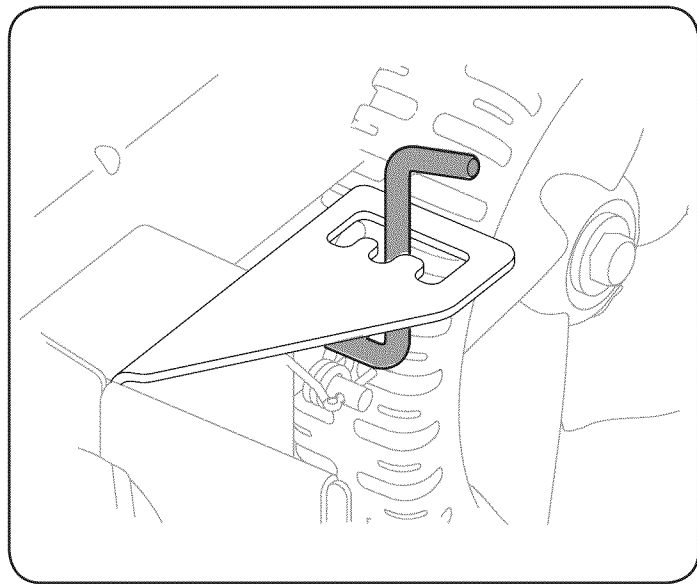


Figure 6

KNOW YOUR EDGER

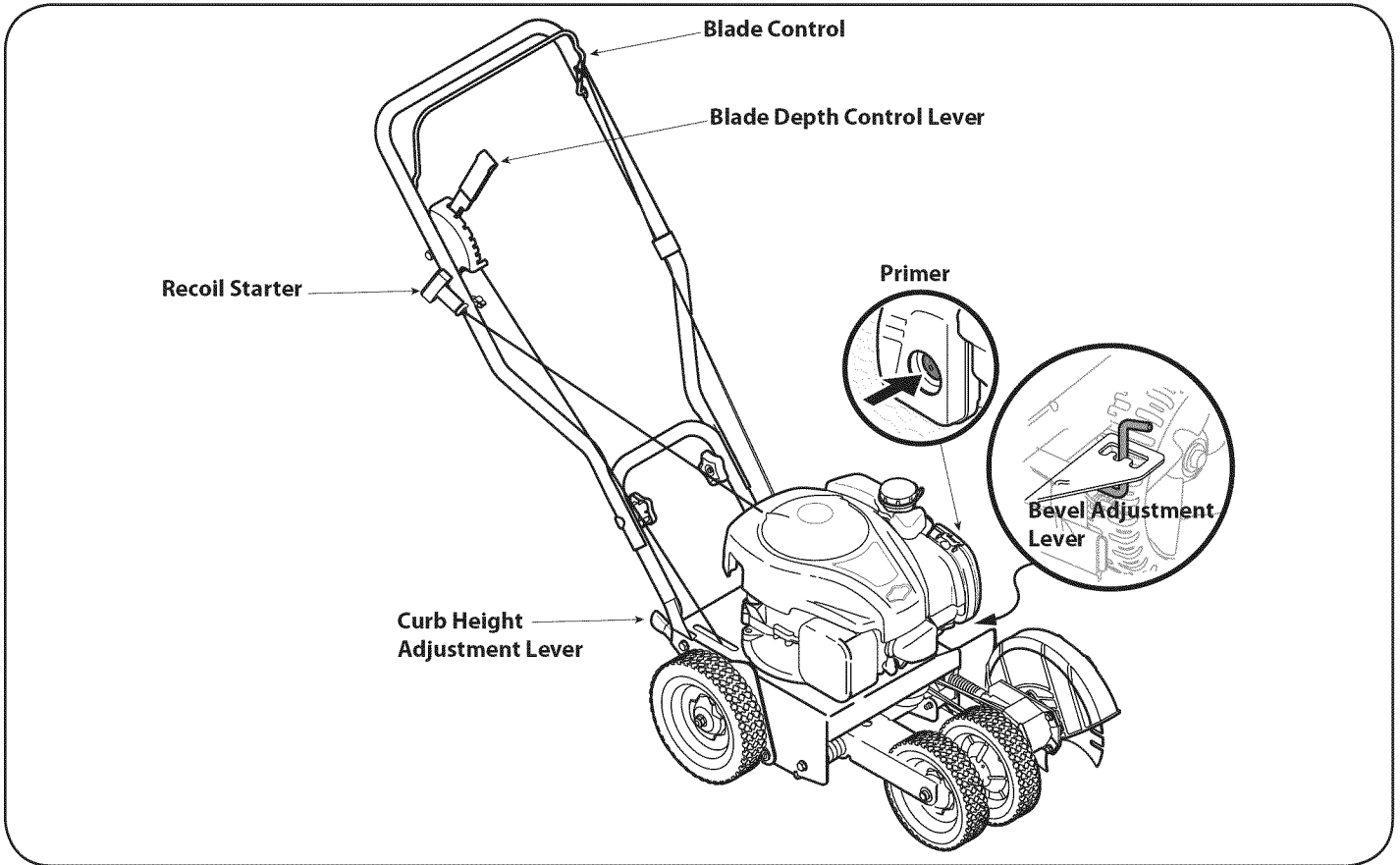


Figure 7

⚠ WARNING

Be familiar with all the controls and their proper operation. Know how to stop the machine and disengage it quickly.

Blade Control

Located on the upper handle, the blade control must be depressed against the upper handle in order to operate the edger. Releasing the blade control stops the engine and the edger blade.

⚠ WARNING

This blade control is a safety device. Never attempt to bypass its operation.

Curb Height Adjustment Lever

The curb height adjustment lever is found on the rear portion of the edger. When placed in an applicable notch, it aids in stabilizing the edger while edging grass along a curb.

Blade Depth Control Lever

The blade depth control lever is located on the right side of the upper handle. It is used to control the depth of the cut. The further forward the blade depth control lever is moved, the deeper into the soil the edger blade will cut.

Bevel Adjustment Lever

The bevel adjustment lever is located on the front, left portion of the edger, behind the edger blade. It is used to vary the angle of the edger blade between one of three positions for edging/trenching or beveled edging.

Recoil Starter

The recoil starter is used to start the engine.

Primer

The primer is used to pump gas into the carburetor and aid in starting the engine. Use it to start a cold engine, but do not use it to restart a warm engine after a short shutdown.

Meets ANSI Safety Standards

Craftsman Edgers conform to the safety standard of the American National Standards Institute (ANSI).

OPERATION

GAS AND OIL FILL-UP

IMPORTANT: This unit is shipped without gasoline or oil in the engine. Be certain to service engine with gasoline and oil as instructed in this section before starting or running your machine.

Oil (one 15 ounce bottle shipped with unit)

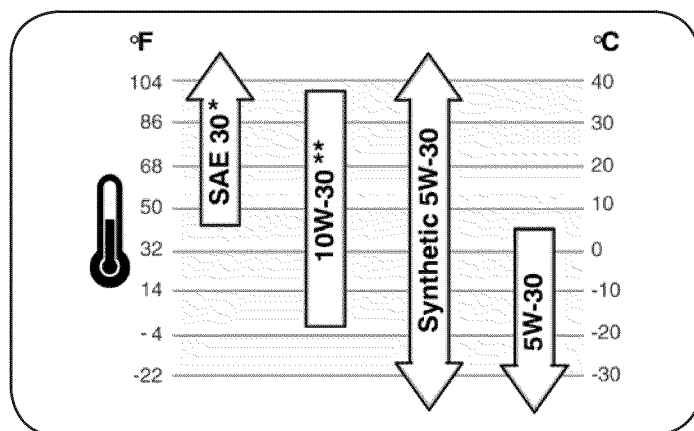
First Time Use

1. Remove oil fill dipstick (G). See Figure 8.
2. With the mower on level ground, empty entire contents of oil bottle provided into the engine oil fill (H).
3. Replace oil fill dipstick and tighten.

Subsequent Uses

Use 4-stroke motor oil that meets or exceeds the requirements for API service category SF, SG, SH, SJ or higher. Always check the API service label on the oil container to be sure it includes the letters SF, SG, SH, SJ or higher.

Outdoor temperatures determine the proper oil viscosity for the engine. Use the chart to select the best viscosity for the outdoor temperature range expected.



* Below 40°F (4°C) the use of SAE 30 will result in hard starting.

** Above 80°F (27°C) the use of 10W-30 may cause increased oil consumption. Check oil level more frequently.

1. Check the oil with the engine stopped and level.
2. Remove the oil fill dipstick and wipe it clean.
3. Insert and tighten the oil fill dipstick. Remove it to check the oil level. See Figure 8.
4. If the oil level is near or below the lower limit mark on the dipstick, remove the oil fill dipstick, and fill with the recommended oil to the upper limit mark (J). Do not overfill.
5. Reinstall the oil fill dipstick.

Gasoline

CAUTION

Do not use unapproved gasolines, such as E85. Do not mix oil in gasoline or modify engine to run on alternate fuels. This will damage the engine components and void the engine warranty.

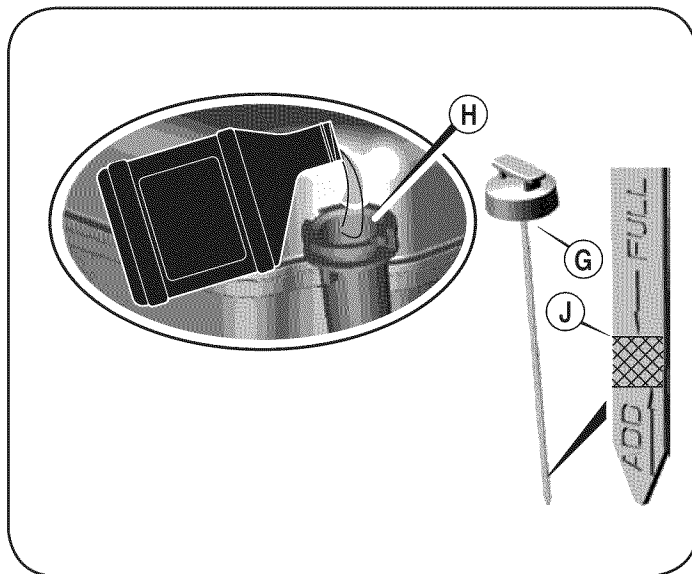


Figure 8

Fuel must meet these requirements:

- Clean, fresh, unleaded gasoline.
- A minimum of 87 octane/87 AKI (91 RON).
- Gasoline with up to 10% ethanol (gasohol) is acceptable.

Refuel in a well-ventilated area with the engine stopped. If the engine has been running, allow it to cool first. Never refuel the engine inside a building where gasoline fumes may reach flames or sparks.

WARNING

Gasoline is highly flammable and explosive, and you can be burned or seriously injured when refueling. Stop engine and keep heat, sparks, and flame away. Refuel only outdoors. Wipe up spills immediately.

If your equipment will be used on an infrequent or intermittent basis, please refer to the Off Season Storage section for additional information regarding fuel deterioration.

NOTE: Fuel can damage paint and some types of plastic. Be careful not to spill fuel when filling your fuel tank.

Never use stale or contaminated gasoline or an oil/gasoline mixture. Avoid getting dirt or water in the fuel tank.

1. Remove the fuel tank cap.
2. Fill the fuel tank with fuel. To allow for expansion of the fuel, do not fill above the bottom of the fuel tank neck. Do not overfill. Wipe up spilled fuel before starting the engine.
3. Install the fuel tank cap and tighten it until it clicks.
4. Move lawn mower at least 10 feet away from the fuel container/source and site before starting the engine.

OPERATION

⚠ WARNING

Be sure no one other than the operator is standing near the lawn mower while starting engine or operating mower. Never run engine indoors or in enclosed, poorly ventilated areas. Engine exhaust contains carbon monoxide, an odorless and deadly gas. Keep hands, feet, hair and loose clothing away from any moving parts on engine and lawn mower.

To Start Engine

1. Move the blade depth control lever back to the START position in the adjacent (top) notch.
2. Push the primer three times. See Figure 9. Do not prime to restart a warm engine.
NOTE: If you push the primer too many times, excessive fuel will flood the carburetor and the engine will be difficult to start.
3. Standing behind the edger, depress the blade control and hold it against the upper handle with your left hand.

⚠ WARNING

This blade control mechanism is a safety device. Never attempt to bypass its operation.

4. With your right hand, grasp recoil starter handle and pull rope slowly until resistance is felt, then pull with a rapid, continuous, full arm stroke. See Figure 9. Keeping a firm grip on the starter cord handle, let the rope rewind slowly. Repeat until engine cranks. Let the rope rewind each time slowly.

⚠ WARNING

Keep a firm grip on the cord handle and maintain sufficient backward tension on the cord at all times to prevent rapid starter cord retraction (kickback). Rapid retraction can pull arm and hand toward the engine faster than you can let go, and result in broken bones, fractures, bruises or sprains.

To Stop Engine

1. Release blade control to stop the engine and blade.

Edging

⚠ WARNING

Rotating cutting blade may throw objects causing personal injury. Keep area clear of bystanders and do not operate without guards in place.

⚠ WARNING

Do not lower blade if blade is over concrete, asphalt, rocks or the like. Blade can strike supporting surface, resulting in personal injury or property damage.

To begin edging, proceed as follows:

1. Move edger to an area to be edged, making sure that the left rear wheel is on a hard surface and the blade is over the area to be cut. See Figure 10.

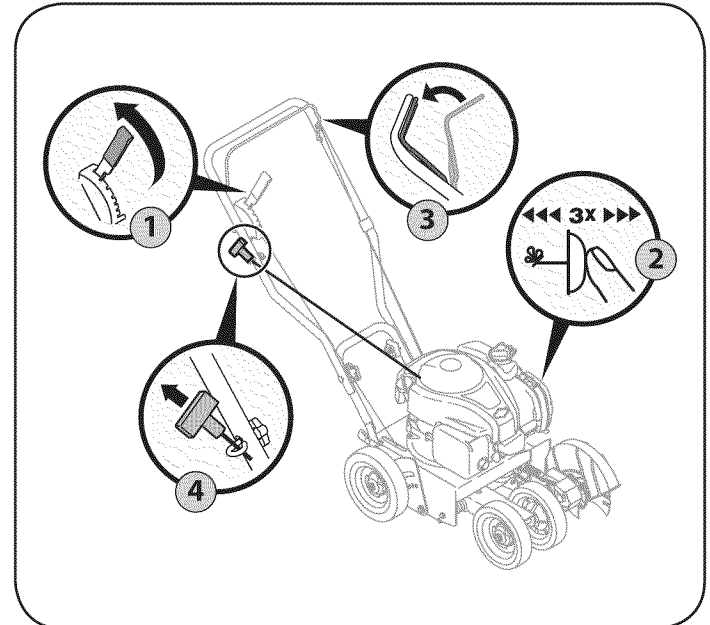


Figure 9

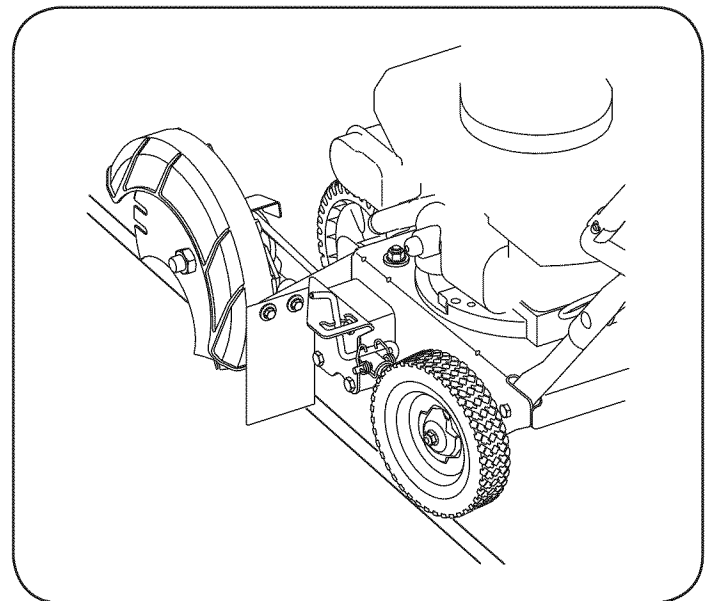


Figure 10

2. With the blade control squeezed against the handle in the operating position, make a pass along area to be edged before proceeding to the next notch. The further forward that the blade depth control lever is moved, the deeper or lower the blade will cut into the ground. Several passes may be necessary to obtain the desired depth of cut. Do not lower blade more than one depth notch at a time without making a pass.
3. For best results, proceed slowly along the path being edged. Slowly move edger back and forth through cutting area, again making sure to keep the left rear wheel on the hard surface and the blade in the cutting path, close to but not touching the edge of the hard surface.
4. Once you have finished edging selected area, raise the blade depth control lever back into the START position, move to the next area to be edged, and proceed again from step 1.

OPERATION

Edging Along A Curb

The right rear wheel of the edger can be lowered into one of five positions to ease the task of edging along a curb. To adjust the height of curb wheel, proceed as follows:

1. Lower the right rear wheel by moving the curb height adjustment lever slightly to the left. See Figure 11.

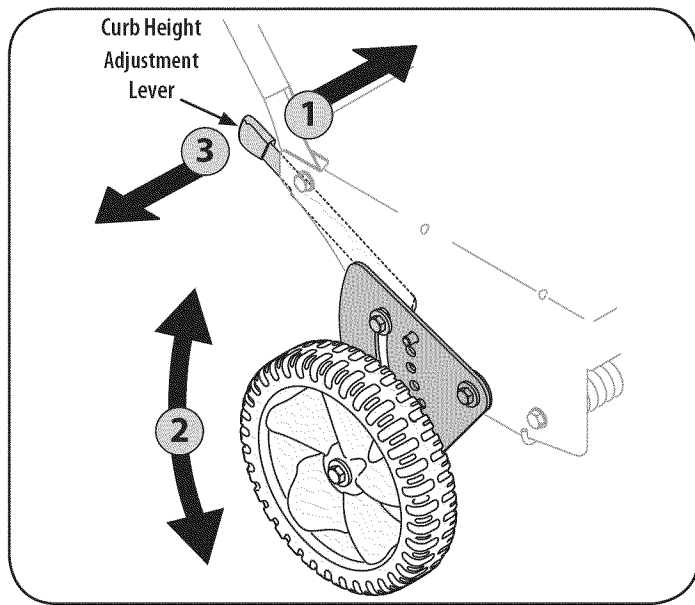


Figure 11

2. Pivot the right rear wheel into an applicable position in relation to the height of the curb to be edged along.
3. Release the curb height adjustment lever to lock the wheel in position.

Beveling

In order to achieve a bevelled edge, set the bevel adjustment lever (refer to Assembly Section) in the first (left hand) or third (right hand) notch to place the edger blade in position for beveling. See Figure 12.

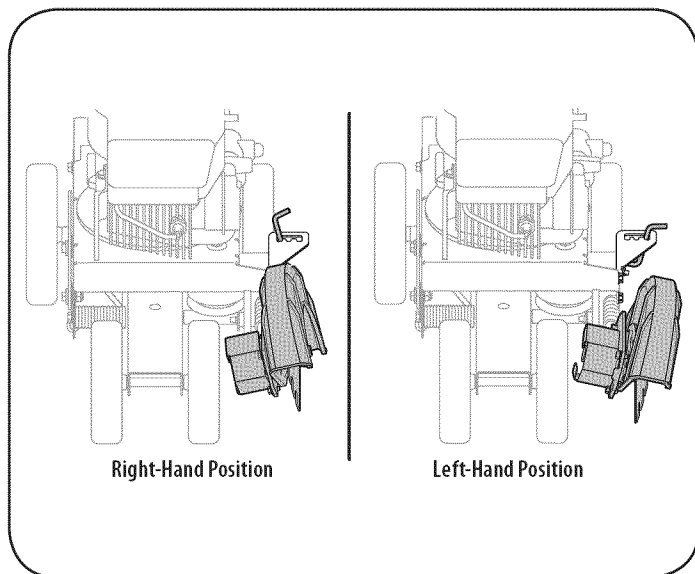


Figure 12

Trenching

You can utilize the edger's optional trenching feature in order to create a wider cutting path for such things as laying wire for landscape lighting.

! WARNING

Disconnect the spark plug wire and ground against the engine before performing the following steps.

! WARNING

The edger blade is sharp. Wear leather work gloves to protect your hands when working around the edger blade.

1. Use two wrenches (one wrench to prevent hex bolt head from spinning and the other to unthread the flange nut) to remove flange nut that secures edger blade, leaving the edger blade in place. See Figure 13.

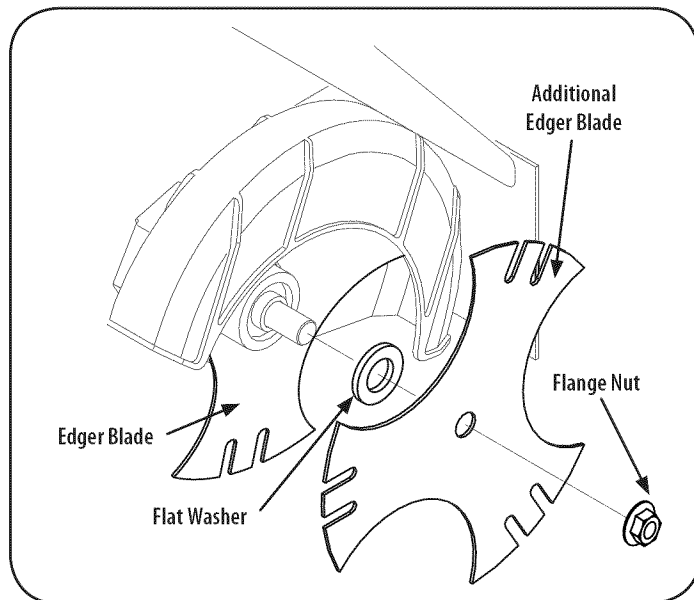


Figure 13

2. Install the flat washer and additional edger blade supplied with your machine. See Figure 13.
3. Secure with the flange nut removed earlier. Use a torque wrench to tighten the flange nut to between 37 foot-lbs. and 50 foot-lbs.

NOTE: Make certain that drive belt is seated correctly on blade spindle and that it is riding smoothly on spindle sheaves (see Figure 21) and is not pinched between them. Repeat first three steps if belt is pinched.

SERVICE AND MAINTENANCE

MAINTENANCE SCHEDULE

WARNING

Before performing any type of maintenance/service, disengage all controls and stop the engine. Wait until all moving parts have come to a complete stop. Disconnect spark plug wire and ground it against the engine to prevent unintended starting.

Follow the maintenance schedule given below. This chart describes service guidelines only. Use the Service Log column to keep track of completed maintenance tasks. To locate the nearest Sears Service Center or to schedule service, simply contact Sears at 1-800-4-MY-HOME®.

Interval	Item	Service	Service Log
Each Use	<ol style="list-style-type: none"> 1. Engine oil level 2. Loose or missing hardware 3. Air cleaner 4. Unit and engine 	<ol style="list-style-type: none"> 1. Check 2. Tighten or replace 3. Check 4. Clean 	
1st Month or 5 hours	<ol style="list-style-type: none"> 1. Engine oil 	<ol style="list-style-type: none"> 1. Change 	
Annually or 25 hours	<ol style="list-style-type: none"> 1. Air cleaner † 2. Control linkages/pivots and wheels 	<ol style="list-style-type: none"> 1. Clean 2. Lube with light oil 	
Annually or 50 hours	<ol style="list-style-type: none"> 1. Engine oil †† 	<ol style="list-style-type: none"> 1. Change 	
Annually	<ol style="list-style-type: none"> 1. Spark plug 2. Air Cleaner 	<ol style="list-style-type: none"> 1. Replace 2. Replace 	
Before Storage	<ol style="list-style-type: none"> 1. Fuel system 	<ol style="list-style-type: none"> 1. Run engine until it stops from lack of fuel, or add stabilizer to a full tank of fresh fuel prior to storage. 	

† Clean more often under dusty conditions or when airborne debris is present. Replace air cleaner if very dirty.

†† Change oil every 25 hours when operating the engine under heavy load or in high temperatures.

SERVICE AND MAINTENANCE

WARNING

Always stop engine, disconnect spark plug wire, and ground against engine before performing any type of maintenance on your machine.

General Recommendations

- Always observe safety rules when performing any maintenance.
- The warranty on this edger/trencher does not cover items that have been subjected to operator abuse or negligence. To receive full value from warranty, operator must maintain the equipment as instructed here.
- Changing of engine-governed speed will void engine warranty.
- All adjustments should be checked at least once each season.
- Periodically check all fasteners and make sure these are tight.

Engine Maintenance

Spark Plug

For good performance, the spark plug must be properly gapped and free of deposits. Replace the spark plug annually.

1. Disconnect the cap from the spark plug, and remove any dirt from the spark plug area.
2. Use the proper size spark plug wrench to remove the spark plug.
NOTE: Replace with a Champion RC12YC spark plug.
3. Check the gap (A) with a wire gauge (B). See Figure 14. Spark plug gap should be 0.020 in (0.51 mm). If necessary, reset the gap.
4. Install and tighten the spark plug to the recommended torque (180 lb-in [20 Nm]).
5. Attach the spark plug cap to the spark plug.

Air Cleaner

A dirty air cleaner will restrict air flow to the carburetor and cause poor engine performance. Inspect the filter each time the engine is operated. You will need to clean the filter more frequently if you operate the engine in very dusty areas.

Clean the air cleaner every 25 hours of operation or once a season. Replace the air cleaner annually.

WARNING

Never start or run the engine with the air cleaner assembly or the air filter removed.

NOTE: Do not use pressurized air or solvents to clean the filter. Pressurized air can damage the filter and solvents will dissolve the filter.

The air cleaner system uses a foam element that can be washed and reused.

1. Open the cover (B) and remove the foam element (C). See Figure 15.
2. Wash the foam element in liquid detergent and water. Squeeze dry the foam element in a clean cloth.
3. Saturate the foam element with clean engine oil. To remove the excess engine oil, squeeze the foam element in a clean cloth.
4. Install the foam element and close the cover.

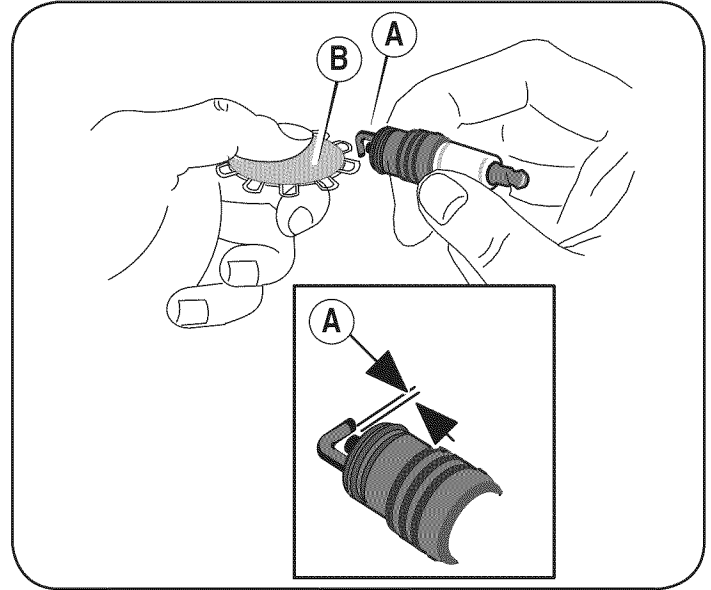


Figure 14

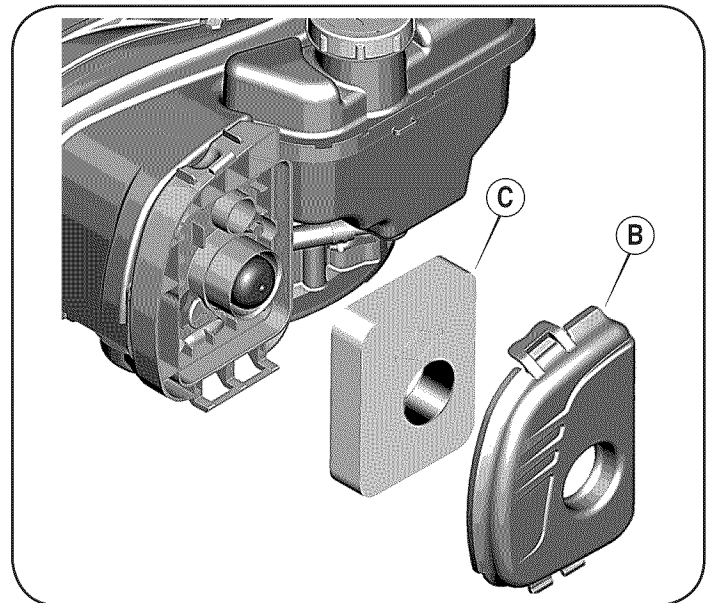


Figure 15

SERVICE AND MAINTENANCE

Check Engine Oil

Check oil level before each operation. Be sure oil level is maintained.

1. Check the oil with the engine stopped and level.
2. Remove the oil fill dipstick (G) and wipe it clean. See Figure 16.
3. Insert and tighten dipstick. Remove it to check the oil level.
4. If the oil level is near or below the lower limit mark on the dipstick, remove the oil filler cap/dipstick, and fill with the recommended oil (H) to the upper limit mark (J). Do not overfill.
5. Reinstall the oil fill dipstick.

Change Engine Oil

⚠ WARNING

Gasoline and its vapors are extremely flammable and explosive. Fire or explosion can cause severe burns or death.

Change engine oil after the first five hours of operation, and every fifty hours or once a season thereafter.

⚠ WARNING

When you drain the oil from the top oil fill tube, the fuel tank must be empty or fuel can leak out and result in a fire or explosion. To empty the fuel tank, run the engine until it stops from lack of fuel.

1. With engine off but still warm, disconnect the spark plug wire (F) and keep it away from the spark plug.
2. Place a suitable container next to the engine to catch the used oil.
3. Remove the oil fill dipstick (E) and drain the oil into the container by tipping the engine toward the oil filler neck. See Figure 17.

⚠ CAUTION

Used oil is a hazardous waste product. Dispose of used oil properly. Do not discard with household waste. Check with your local authorities or Sears Service Center for safe disposal/recycling facilities.

4. With the engine in a level position, fill to the upper limit mark on the dipstick with the recommended oil.

⚠ CAUTION

Running the engine with a low oil level can cause engine damage.

5. Reinstall the oil fill dipstick securely.

Clean Engine

- Daily or before every use, clean grass, chaff or accumulated debris from engine. Keep linkage, spring, and controls clean. Keep area around and behind muffler free of any combustible debris.
- Keeping engine clean allows air movement around engine.
- Engine parts should be kept clean to reduce the risk of overheating and ignition of accumulated debris.

⚠ CAUTION

Do not use water to clean engine parts. Water could contaminate fuel system. Use a brush or dry cloth.

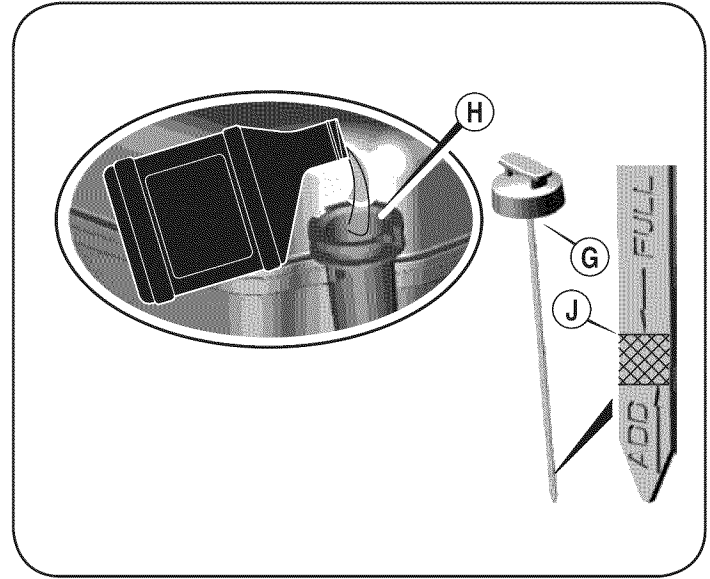


Figure 16

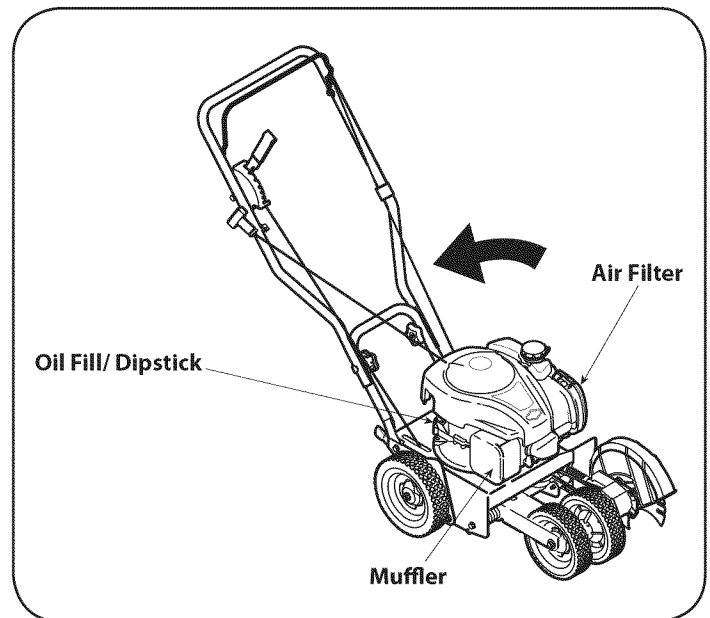


Figure 17

SERVICE AND MAINTENANCE

Lubrication

Wheels

Lubricate the wheels and bearings at least once a season with a light oil. Also if the wheels are removed for any reason, lubricate the surface of the axle bolt and the inner surface of the wheel with light oil.

Pivot Points

Lubricate the pivot points on the blade control, blade depth control lever, the blade adjustment lever, and curb height adjustment lever with light oil at least once a season.

Bearing Block

Lubricate the bearing block every 25 hours or at least once a season. Simply apply oil at each end of the cover plate. See Figure 18.

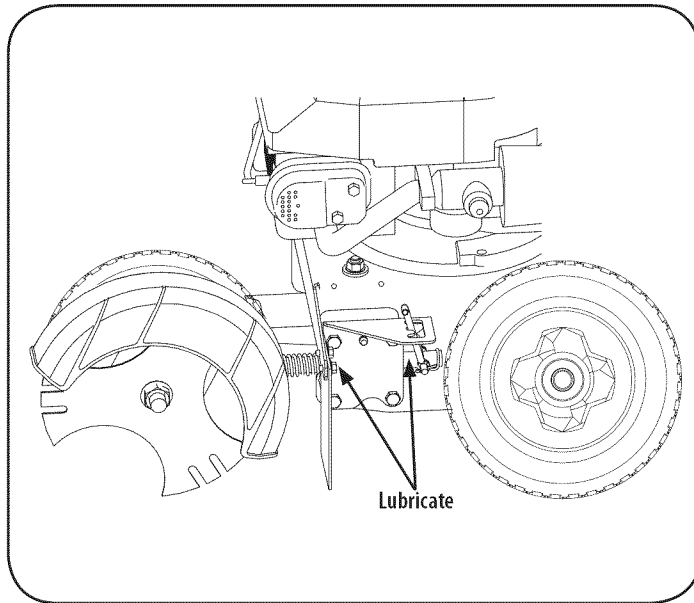


Figure 18

Edger Blade Care

⚠ WARNING

The edger blade is sharp. Wear leather work gloves to protect your hands when working around the edger blade.

Periodically inspect the blade for cracks, especially if you strike a foreign object. Replace when necessary. Follow the steps below for blade service.

1. Disconnect spark plug boot from spark plug.
2. Use two wrenches (one wrench to prevent the hex bolt head from spinning and the other to remove the flange nut) to remove the edger blade. Refer to Figure 19.

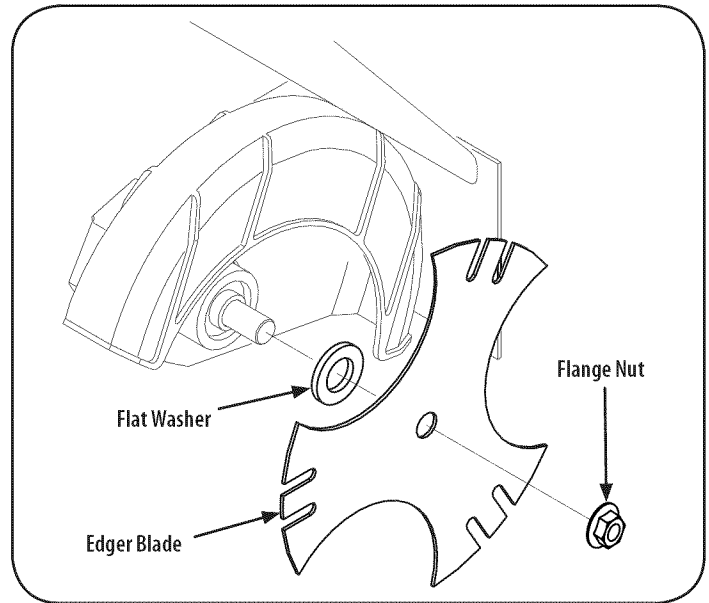


Figure 19

3. Remove and discard the edger blade but retain the flange nut and flat washer.
4. Install the flat washer, replacement edger blade, and flange nut removed earlier. Use a torque wrench to tighten the flange nut to between 37 foot-lbs. and 50 foot-lbs.

NOTE: Make certain that the drive belt is seated correctly on the blade spindle and that it is riding smoothly on the spindle sheaves (see Figure 21) and is not pinched between them. Repeat the first three steps if the belt is pinched.

SERVICE AND MAINTENANCE

Belt Replacement

NOTE: To aid in reassembly, note the orientation of the drive belt on the two idler pulleys and the engine flywheel pulley prior to performing the following steps. Refer to Figure 20.

The edger drive belt is subject to wear and should be replaced if any signs of cracking, shredding or rotting are present. To replace the belt, proceed as follows:

1. Working in front of the edger, loosen the flange lock nut on top of frame, allowing the idler pulley assembly to pivot slightly out from the frame. See Figure 20.

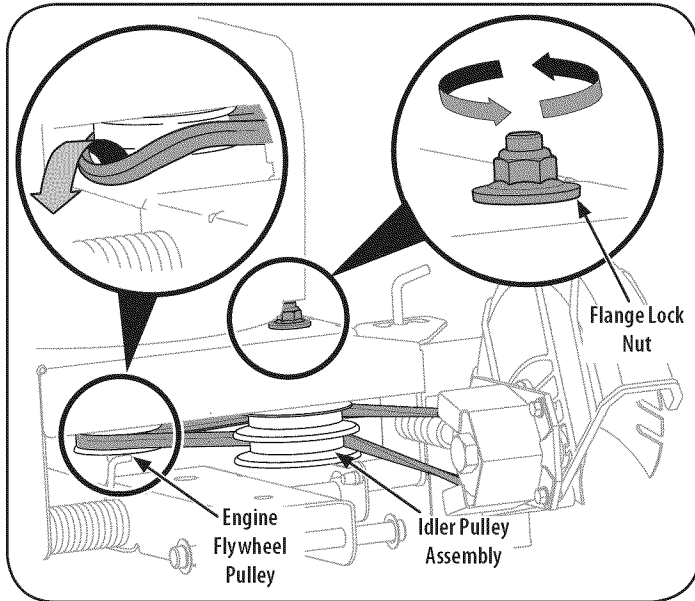


Figure 20

2. With your other hand, carefully reach under the rear of the edger and remove the belt from around the engine flywheel pulley. See Figure 20.
3. Remove the spindle sheaves belt guard by removing the two self-tapping screws which secure it to the blade plate assembly. See Figure 21.

4. Carefully remove the belt from off of the pulleys, again making sure to note the orientation of the belt. Discard the belt. See Figure 21.

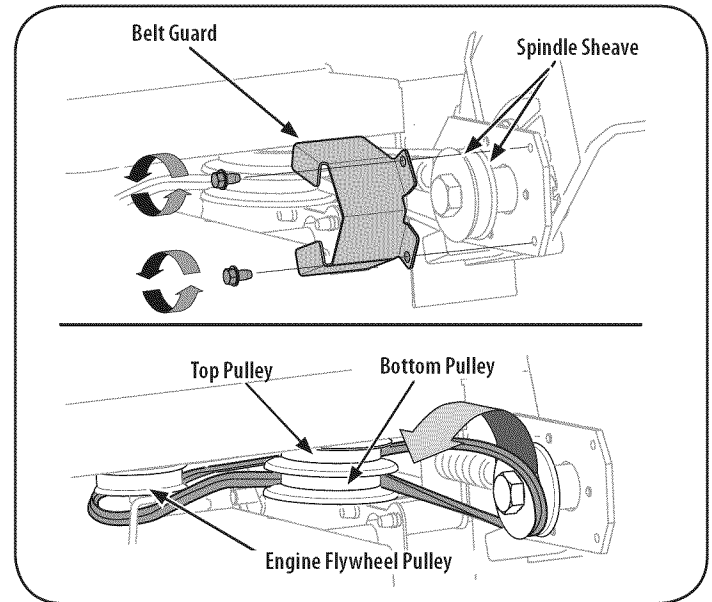


Figure 21

5. Working from the front of the edger, place the belt onto the spindle sheaves, route it back onto the top and bottom idler pulleys, and then place it onto the engine flywheel pulley.
NOTE: Make certain that the "V" side of the belt is seated into the top pulley and the flat side of the belt is seated into the bottom pulley. See Figure 21.
6. Reinstall the spindle sheaves belt guard with the self tapping screws removed earlier.
7. Make certain that the drive belt is on the engine flywheel pulley and idler pulleys, and retighten the flange lock nut on the top of the frame.
NOTE: Make certain that the drive belt is seated correctly and that it is riding smoothly on the spindle sheaves and is not pinched between them. Repeat the first three steps if the belt is pinched.

WARNING

Never operate the edger without the spindle sheaves belt guard in place.

OFF-SEASON STORAGE

WARNING

Never store edger with fuel in tank indoors or in poorly ventilated areas where fuel fumes may reach an open flame, spark, or pilot light as on a furnace, water heater, clothes dryer, or gas appliance.

Preparing The Engine

For engines stored over 30 days:

- To prevent gum from forming in fuel system or on carburetor parts, run engine until it stops from lack of fuel or add a gasoline additive to the gas in the tank. If you use a gas additive, run the engine for several minutes to circulate the additive through the carburetor—after which the engine and fuel can be stored up to 24 months.
- While engine is still warm, change the oil.
- Clean engine of surface debris.

Preparing The lawn mower

- Clean and lubricate edger thoroughly as described in the lubrication instructions.
- Do not use a pressure washer or garden hose to clean your unit.
- Coat edger blade with chassis grease to prevent rusting.
- Refer to Preparing the Engine for correct engine storage instructions.
- Store mower in a dry, clean area. Do not store next to corrosive materials, such as fertilizer.

When storing any type of power equipment in a poorly ventilated or metal storage shed, care should be taken to rust-proof the equipment. Using a light oil or silicone, coat the equipment, especially cables and all moving parts of your edger before storage.

TROUBLESHOOTING

WARNING

Disconnect the spark plug wire and ground it against the engine to prevent unintended starting. Before performing any type of maintenance/service, disengage all controls and stop the engine. Wait until all moving parts have come to a complete stop. Always wear safety glasses during operation or while performing any adjustments or repairs.

This section addresses minor service issues. To locate the nearest Sears Service Center or to schedule service, simply contact Sears at 1-800-4-MY-HOME®.

Problem	Cause	Remedy
Engine Fails to start	<ol style="list-style-type: none"> 1. Blade control disengaged. 2. Spark plug boot disconnected. 3. Fuel tank empty or stale fuel. 4. Engine not primed (If equipped with primer). 5. Faulty spark plug. 6. Engine flooded. 7. Blocked fuel line. 	<ol style="list-style-type: none"> 1. Engage blade control. 2. Connect wire to spark boot. 3. Fill tank with clean, fresh gasoline. 4. Prime engine as instructed in the Operation section. 5. Clean, adjust gap, or replace. 6. Wait a few minutes to restart. 7. Contact your Sears Parts & Repair Center to have fuel line cleaned.
Engine runs erratic	<ol style="list-style-type: none"> 1. Spark plug boot loose. 2. Stale fuel. 3. Vent in gas cap plugged. 4. Water or dirt in fuel system. 5. Dirty air cleaner. 6. Blocked fuel line. 	<ol style="list-style-type: none"> 1. Connect and tighten spark plug boot. 2. Fill tank with clean, fresh gasoline. 3. Clear vent. 4. Run engine until it stops from lack of fuel. Refill with fresh fuel. 5. Refer to Air Cleaner in Engine Maintenance section. 6. Contact your Sears Parts & Repair Center to have fuel line cleaned.
Engine overheats	<ol style="list-style-type: none"> 1. Engine oil level low. 2. Air flow restricted. 	<ol style="list-style-type: none"> 1. Fill crankcase with proper oil. 2. Clean area around and on top of engine.
Occasional skips (hesitates)	<ol style="list-style-type: none"> 1. Spark plug gap too close. 	<ol style="list-style-type: none"> 1. Adjust gap. Refer to Spark Plug in Engine Maintenance section.
Idles poorly	<ol style="list-style-type: none"> 1. Spark plug fouled, faulty, or gap too wide. 2. Dirty air cleaner. 	<ol style="list-style-type: none"> 2. Reset gap or replace spark plug. 3. Refer to Air Cleaner in Engine Maintenance section.
Excessive vibration	<ol style="list-style-type: none"> 1. Edger blade bent or damaged. 2. Blade spindle bent or damaged. 	<ol style="list-style-type: none"> 1. Replace blade. 2. Contact your Sears Parts & Repair Center to have unit inspected.
Drive-belt Slips	<ol style="list-style-type: none"> 1. Belt worn or stretched. 	<ol style="list-style-type: none"> 1. Replace drive belt. See Belt Replacement in Service and Maintenance section.

NEED MORE HELP?

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- Find this and all your other product manuals online.
- Get answers from our team of home experts.
- Get a personalized maintenance plan for your home.
- Find information and tools to help with home projects.

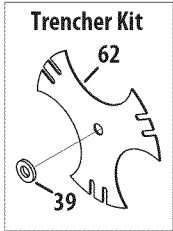
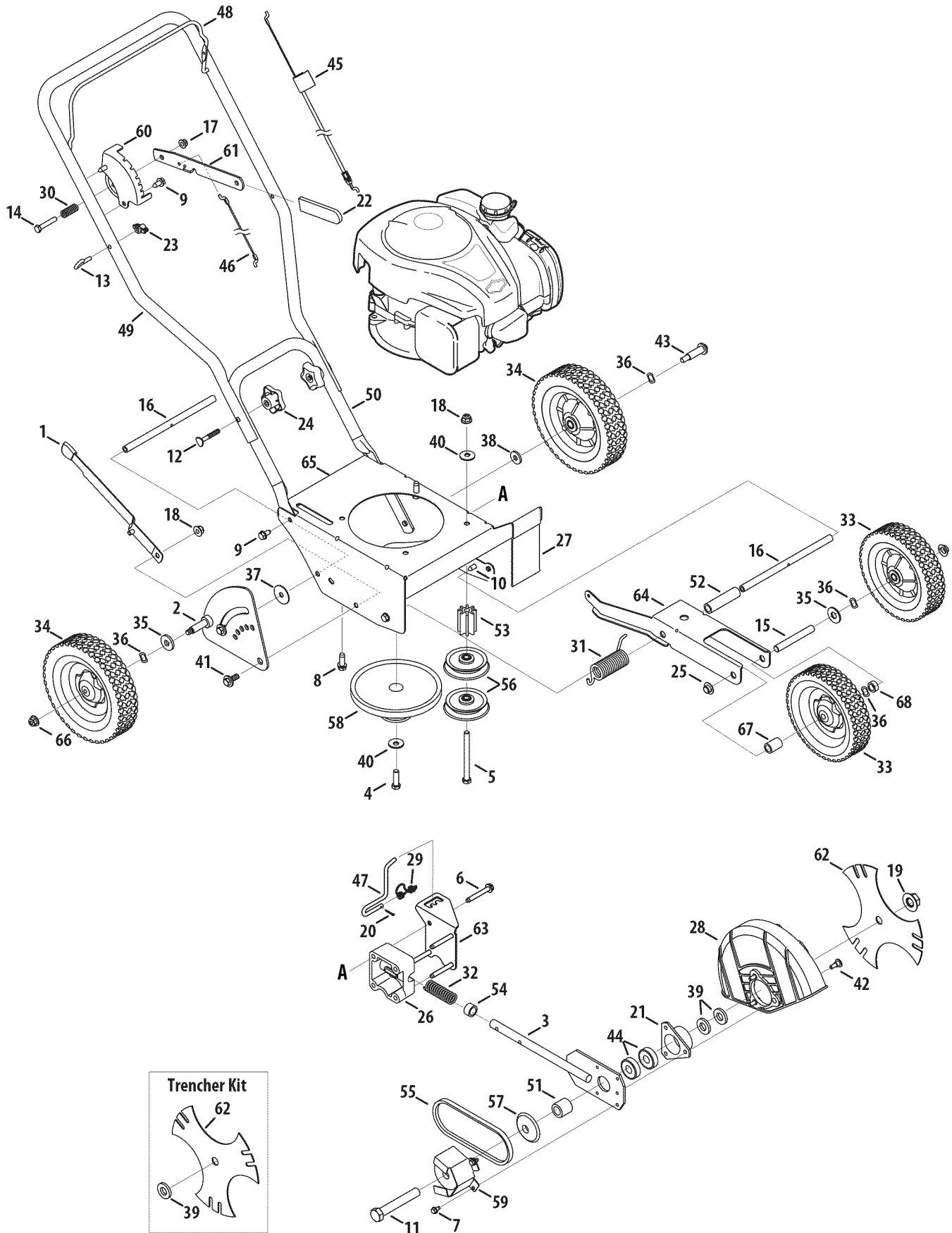


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NOTES

PARTS LIST

Craftsman Edger/Trencher — Model No. 247.762460



PARTS LIST

Craftsman Edger/Trencher — Model No. 247.762460

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	687-02022	Curb Height Adjustment Lever	36	936-0232	Wave Washer .531 x .781 x .013
2	687-02585	Curb Height Adjuster Plate	37	736-0234	Flat Washer, .385 x 1.5 x .075
3	687-02126	Blade Plate Assembly	38	736-0258	Flat Washer .385 x 1.0 x .135 †
4	710-0191	Screw 3/8-24	39	936-04088	Flat Washer .635x1.24x.181
5	710-0411	Screw 3/8-16	40	936-0452	Bell Washer,.396 x 1.140
6	710-04389	Hex Screw, 5/16-18	41	738-04149	Shoulder Screw, 3/8-16
7	710-0599	Self-tapping Screw, 1/4-20	42	738-0706C	Shoulder Screw
8	710-0654A	Screw, 3/8-16	43	738-0929	Shoulder Screw, 3/8-16
9	710-0726	Hex Screw, 5/16-12	44	941-0524A	Bearing, .625 ID x 1.57 OD
10	710-0870	Hex Screw 5/16-18	45	746-04035	Control Cable (Briggs & Stratton)
11	710-1143A	Hex Screw, 5/8-18	46	946-04036	Wheel Adjustment Cable
12	710-1174	Carriage Bolt, 5/16-18	47	747-04110A	Blade Adjustment Rod
13	710-1205	Rope Guide (Eye Bolt)	48	747-0976A-0637	Bail Handle
14	710-3180	Hex Screw, 5/16-18	49	749-04183A-0637	Upper Handle
15	711-05696	Axle Shaft .50x6.65	50	749-04234-0637	Lower Handle
16	711-04440	Frame Spacer .50x9.25	51	950-04105	Spacer, .63 x 1.12 x 1.06
17	712-04063	Lock Flange Nut, 5/16-18	52	750-04129	Spacer
18	712-04065	Flange Nut 3/8-16	53	950-04142	Pulley Mount Spacer
19	712-0417A	Flange Nut, 5/8-18	54	750-0547	Spacer, .64 x .88 x .50
20	714-3010	Clevis Pin 3/32 x .625	55	954-04032B	Belt
21	718-04012	Bearing Cup	56	756-04148	Flat Idler Pulley, 2.5 OD
22	720-0142	Grip	57	956-0449	Sheave
23	720-0279	Wing Nut	58	756-1150A	Combination Flywheel Pulley
24	720-04072A	Star Knob	59	781-0427-0637	Belt Guard
25	726-0299	Push Cap 1/2" rod	60	781-0741A	Depth Index Bracket
26	931-04207	Bearing Block	61	781-0742-0637	Depth Index Lever
27	731-05063	Debris Guard	62	781-0748-0637	Tri-Star Blade
28	731-05064	Blade Guard	63	787-01081A-4044	Bracket Plate
29	732-0188A	Double Torsion Spring	64	787-01240-4044	Wheel Bracket
30	932-0369	Compression Spring	65	787-01304-4044	Frame
31	732-04045	Torsion Spring	66	712-04217	Flange Lock Nut, 3/8-16
32	932-04169	Compression Spring	67	750-05548	Spcr., .525 x .775 x .93
33	734-1264	Wheel 7 x 1.75 T-Tread	68	750-0664	Spcr., .505ID x .88OD x .440
34	734-1268	Wheel 8 x 1.75 T-Tread	N/A		Engine (see breakdown)
35	736-04019	Flat Washer, .531 x 1.25 x .181			B & S Model No. 09P702-0004-F1

PARTS LIST

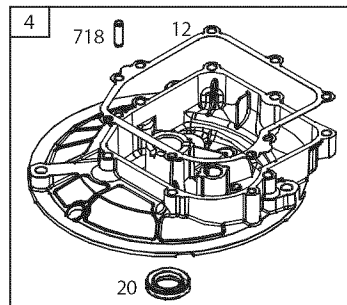
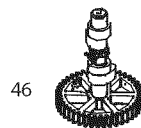
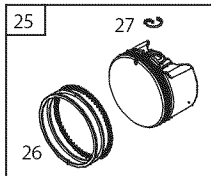
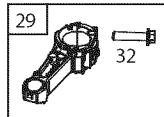
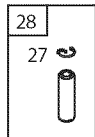
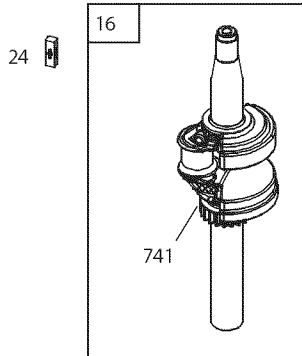
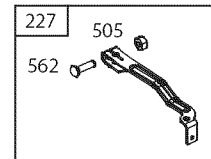
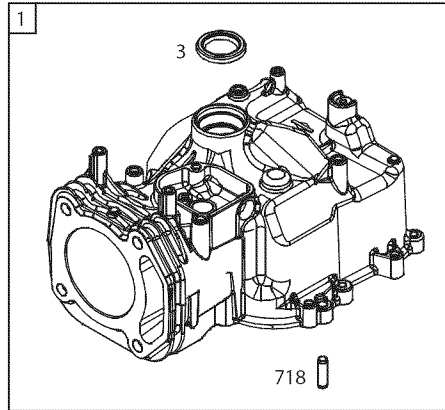
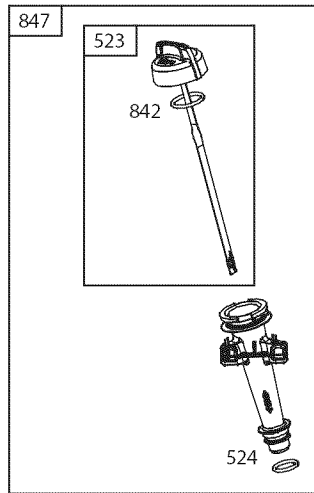
Craftsman Engine Model No. 09P702-0004-F1 For Craftsman Edger/Trencher Model No. 247.762460

48 SHORT BLOCK

1058 OPERATOR'S MANUAL

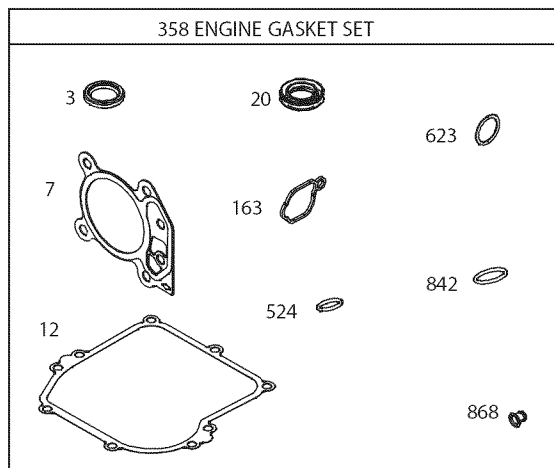
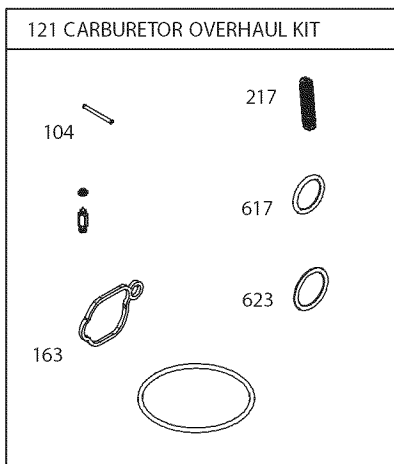
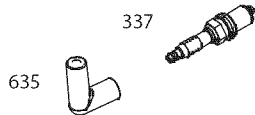
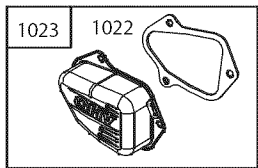
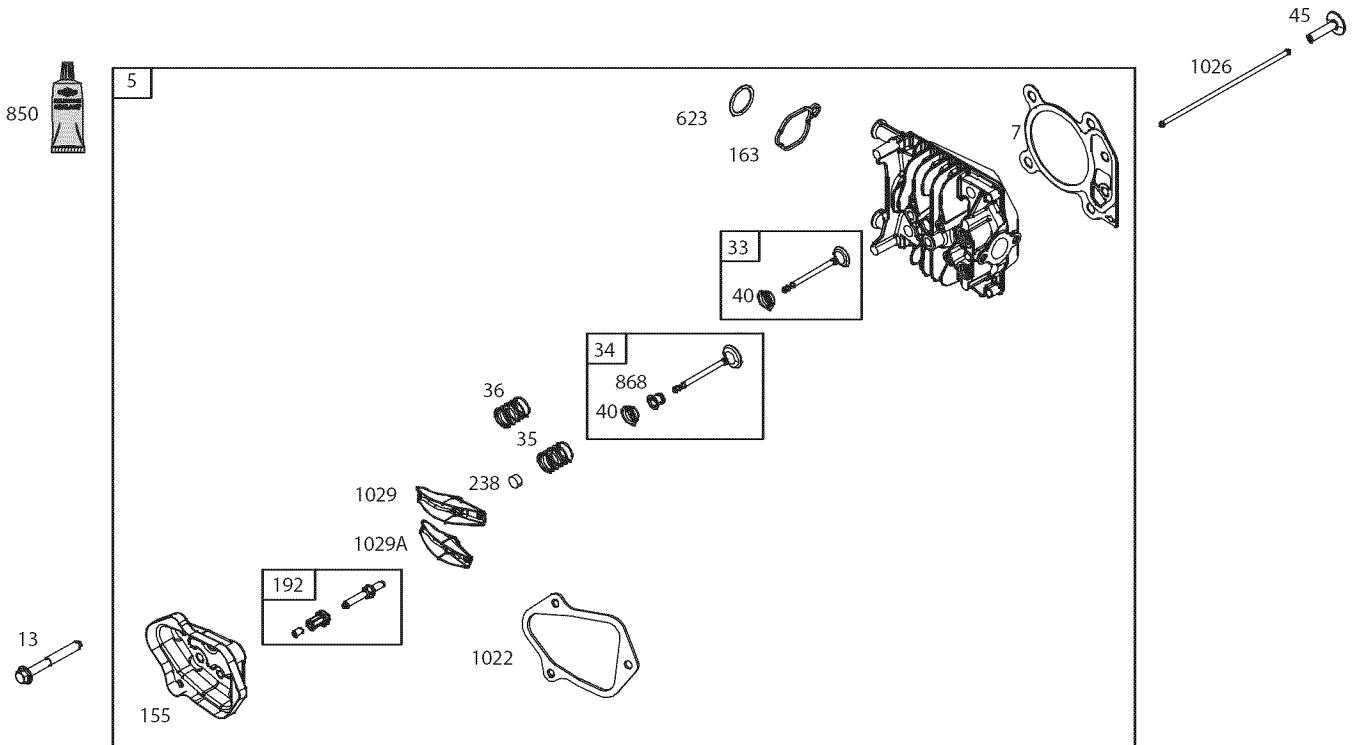
1329 REPLACEMENT ENGINE

1330 REPAIR MANUAL



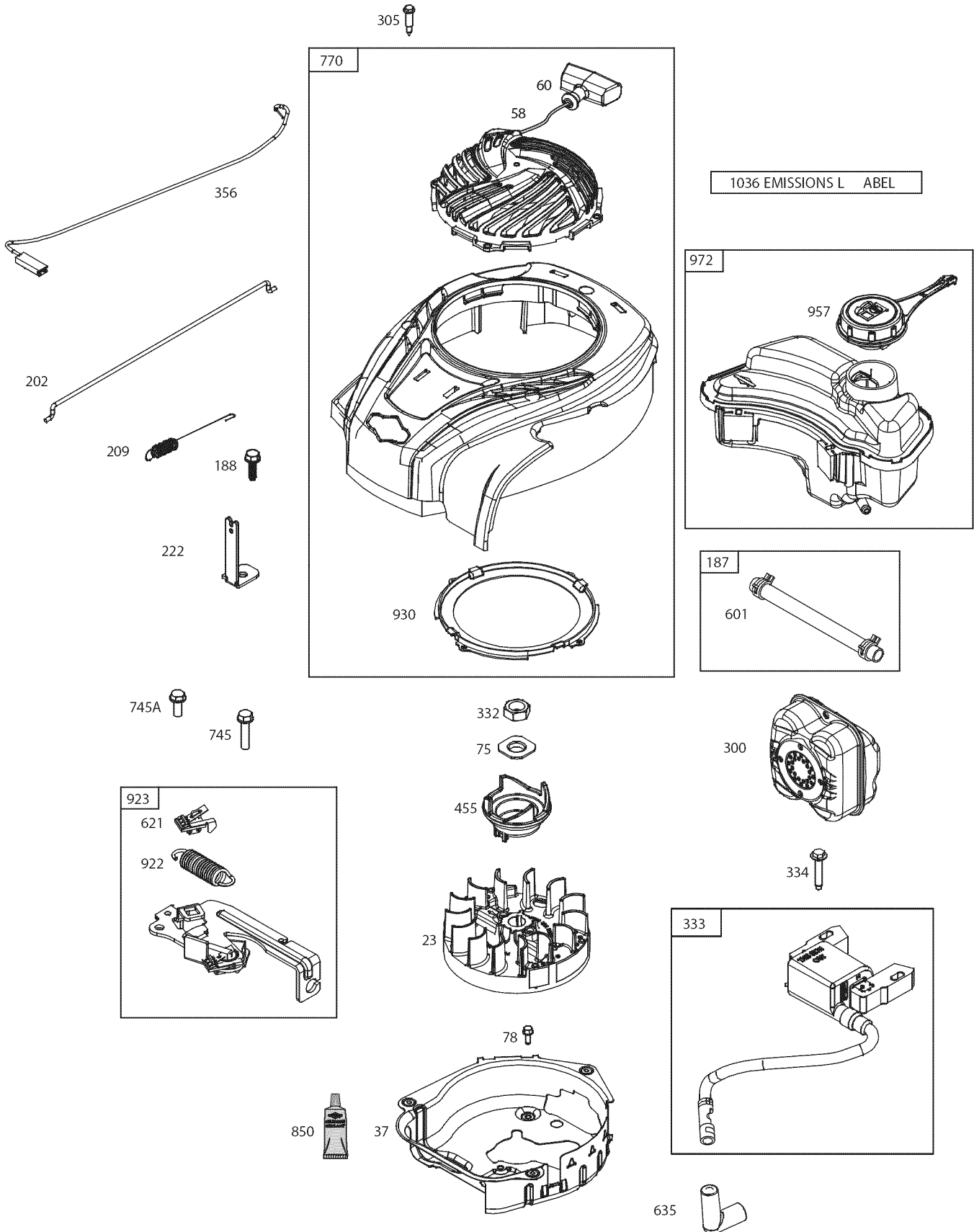
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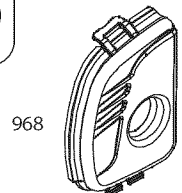
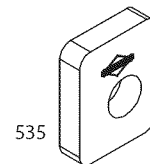
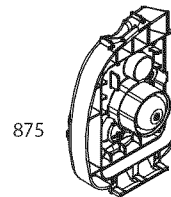
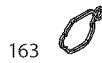
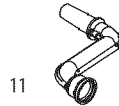
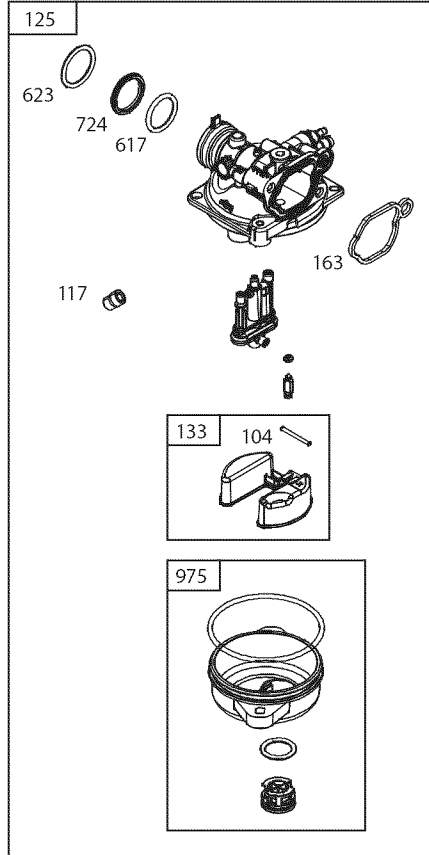
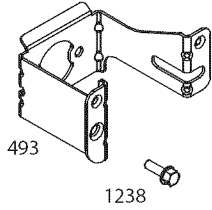
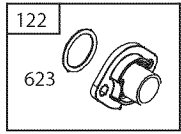
PARTS LIST

Craftsman Engine Model No. 09P702-0004-F1 For Craftsman Edger/Trencher Model No. 247.762460



PARTS LIST

Craftsman Engine Model No. 09P702-0004-F1 For Craftsman Edger/Trencher Model No. 247.762460



PARTS LIST

Craftsman Engine Model No. 09P702-0004-F1 For Craftsman Edger/Trencher Model No. 247.762460

Ref. No.	Part No.	
1	590519	Cylinder Assembly
3	299819s	Kit-Bushing/Seal (Magneto Side)
4	590569	Sump-Engine
5	590525	Head-Cylinder
7	799586	Gasket-Cylinder Head
11	590522	Tube-Breather
12	799587	Gasket-Crankcase
13	590512	Screw (Cylinder Head)
16	590538	Crankshaft
20	391483s	Seal-Oil (PTO Side)
22	692551	Screw (Crankcase Cover/Sump) (1/4-20x1.19)
22A	590763	Screw (Crankcase Cover/Sump) (1/4-20x.78)
23	590544	Flywheel
24	222698s	Key-Flywheel (Aluminum)
25	590521	Piston Assembly (Standard)
26	590523	Ring Set (Standard)
27	691588	Lock-Piston Pin
28	699659	Pin-Piston
29	590518	Rod-Connecting
32	691664	Screw (Connecting Rod)
33	590531	Valve-Exhaust
34	590530	Valve-Intake
35	590532	Spring-Valve (Intake)
36	590532	Spring-Valve (Exhaust)
37	590582	Guard-Flywheel
40	590528	Retainer-Valve
43	697799	Slinger-Governor/Oil
45	590514	Tappet-Valve
46	590524	Camshaft
48	N/A	Short Block (Not Available At This Printing)

Ref. No.	Part No.	
58	591108	Rope-Starter
60	691915	Grip-Starter Rope
75	590546	Washer (Flywheel)
78	793480	Screw (Flywheel Guard)
104	590558	Pin-Float Hinge
117	591997	Jet-Main (Standard)
118	591994	Jet-Main (High Altitude)
121	590589	Kit-Carburetor Overhaul
122	590549	Spacer-Carburetor
125	590556	Carburetor
130	691190	Valve-Throttle (Original Carburetor)
133	591120	Float-Carburetor
155	590529	Plate-Cylinder Head
163	799580	Gasket-Air Cleaner
187	791766	Line-Fuel (Cut to Required Length)
188	793480	Screw (Control Bracket)
192	590535	Adjuster-Rocker Arm
202	590517	Link-Mechanical Governor
209	590541	Spring-Governor (Purple)
222	590560	Bracket-Control
227	590520	Lever-Governor Control
238	590533	Cap-Valve
300	590565	Muffler
305	590586	Screw (Blower Housing)
318	793480	Screw (Mounting Bracket)
332	690662	Nut (Flywheel)
333	799582	Armature-Magneto
334	691061	Screw (Magneto Armature)
337	692051	Plug-Spark
356	692390	Wire-Stop
358	590590	Gasket Set-Engine
404	690272	Washer (Governor Crank)
455	590545	Cup-Flywheel

PARTS LIST

Craftsman Engine Model No. 09P702-0004-F1 For Craftsman Edger/Trencher Model No. 247.762460

Ref. No.	Part No.	
493	590551	Bracket-Mounting (Carburetor)
505	793515	Nut (Governor Control Lever)
523	796503	Dipstick
524	691876	Seal-Dipstick Tube
535	799579	Filter-Air Cleaner Foam
562	793514	Bolt (Governor Control Lever)
601	791850	Clamp-Hose (Green)
613	590562	Screw (Muffler)
615	690340	Retainer-Governor Shaft
616	590516	Crank-Governor
617	270344s	Seal-O Ring (Intake Manifold)
621	692310	Switch-Stop
623	799581	Seal-O Ring (Carburetor Spacer)
635	692076	Boot-Spark Plug
718	690959	Pin-Locating (Cylinder)
724	697478	Retainer-Seal
741	796210	Gear-Timing
745	691146	Screw (Brake) (#10-32x.86)
745A	690859	Screw (Brake) (#10-32x.5)
770	591139	Kit-Rewind/Blower Housing
830	590536	Stud-Rocker Arm
842	691031	Seal-O Ring (Dipstick)
847	590572	Dipstick/Tube Assembly
850	100106	Sealant-Silicone
868	590534	Seal-Valve
875	590584	Base-Air Cleaner
914	591103	Screw (Rocker Cover)
922	692135	Spring-Brake
923	691487	Brake
930	590585	Guard-Rewind
957	799585	Cap-Fuel
968	590581	Cover-Air Cleaner
972	590568	Fuel-Tank

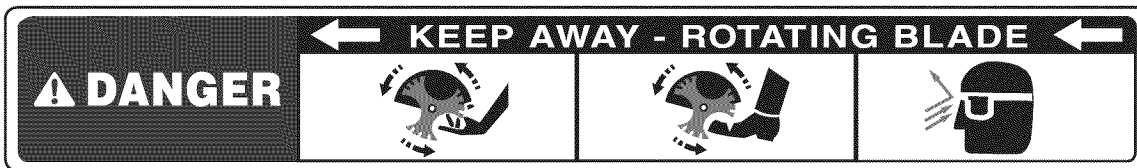
Ref. No.	Part No.	
975	591116	Bowl-Float
1022	591255	Gasket-Rocker Cover
1023	590513	Cover-Rocker
1026	590515	Rod-Push
1029	590526	Arm-Rocker (Exhaust)
1029A	590527	Arm-Rocker (Intake)
1036		Label-Emissions (Available from a Briggs & Stratton Authorized Dealer)
1058	381266TRI	Operator's Manual
1127	590554	Screw (Float Bowl to Carburetor Body)
1238	590550	Screw (Carburetor Spacer)
1263	697124	Reed-Breather
1264	793453	Screw (Breather Reed)
1329	N/A	Replacement Engine (Not Available At This Printing)
1330	N/A	Repair Manual (Not Available At This Printing)
1395	590552	Screw (Air Cleaner Base to Carburetor)

Carburetor Overhaul Kit
Engine Gasket Set

Key No. 121
Key No. 358

PARTS LIST

Craftsman Edger/Trencher — Model No. 247.762460



777S30282



777S32140



777S33503



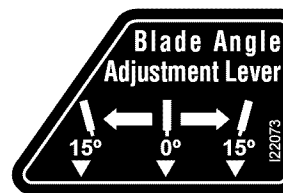
777I20102



777D18783



777I22074



777I22073

**Sears Brands Management Corporation (Sears), the California Air Resources Board (CARB)
and the United States Environmental Protection Agency (U.S. EPA)
Emission Control System Warranty Statement (Owner's Defect Warranty Rights and Obligations)**

EMISSION CONTROL WARRANTY COVERAGE IS APPLICABLE TO CERTIFIED ENGINES PURCHASED IN CALIFORNIA IN 1995 AND THEREAFTER, WHICH ARE USED IN CALIFORNIA,

AND TO CERTIFIED MODEL YEAR 1997 AND LATER ENGINES WHICH ARE PURCHASED AND USED ELSEWHERE IN THE UNITED STATES (AND AFTER JANUARY 1, 2001 IN CANADA).

California and United States Emission Control Defects Warranty Statement

The California Air Resources Board (CARB), U.S. EPA and Sears are pleased to explain the Emission Control System Warranty on your model year 2000 and later small off-road engine (SORE). In California, new small off-road engines must be designed, built and equipped to meet the State's stringent anti-smog standards. Elsewhere in the United States, new non-road, spark-ignition engines certified for model year 1997 and later must meet similar standards set forth by the U.S. EPA. Sears must warrant the emission

control system on your engine for the periods of time listed below, provided there has been no abuse, neglect or improper maintenance of your small off-road engine. Your emission control system includes parts such as the carburetor, air cleaner, ignition system, muffler and catalytic converter. Also included may be connectors and other emission related assemblies. Where a warrantable condition exists, Sears will repair your small off-road engine at no cost to you including diagnosis, parts and labor.

Sears Emission Control Defects Warranty Coverage

Small off-road engines are warranted relative to emission control parts defects for a period of one year, subject to provisions set forth below. If any covered part on your

engine is defective, the part will be repaired or replaced by Sears.

Owner's Warranty Responsibilities

As the small off-road engine owner, you are responsible for the performance of the required maintenance listed in your Operating and Maintenance Instructions. Sears recommends that you retain all your receipts covering maintenance on your small off-road engine, but Sears cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance. As the small off-road engine owner, you should however be aware that Sears may deny you warranty coverage if your small off-road engine or a part has failed due to abuse, neglect,

improper maintenance or unapproved modifications. You are responsible for presenting your small off-road engine to an Authorized Sears Service Dealer as soon as a problem exists. The undisputed warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days. If you have any questions regarding your warranty rights and responsibilities, you should contact a Sears Service Representative at 1-800-469-4663. The emission warranty is a defects warranty. Defects are judged on normal engine performance. The warranty is not related to an in-use emission test.

Sears Emission Control Defects Warranty Provisions

The following are specific provisions relative to your Emission Control Defects Warranty Coverage. It is in addition to the Sears engine warranty for non-regulated engines found in the Operating and Maintenance Instructions.

1. Warranted Parts

Coverage under this warranty extends only to the parts listed below (the emission control systems parts) to the extent these parts were present on the engine purchased.

- a. Fuel Metering System
 - Cold start enrichment system
 - Carburetor and internal parts
 - Fuel Pump
- b. Air Induction System
 - Air cleaner
 - Intake manifold
- c. Ignition System
 - Spark plug(s)
 - Magneto ignition system
- d. Catalyst System
 - Catalytic converter
 - Exhaust manifold
 - Air injection system or pulse valve
- e. Miscellaneous Items Used in Above Systems
 - Vacuum, temperature, position, time sensitive valves and switches
 - Connectors and assemblies

2. Length of Coverage

Sears warrants to the initial owner and each subsequent purchaser that the Warranted Parts shall be free from defects in materials and workmanship which caused the failure of the Warranted Parts for a period of one year from the date the engine is delivered to a retail purchaser.

3. No Charge

Repair or replacement of any Warranted Part will be performed at no charge to the owner, including diagnostic labor which leads to the determination that a Warranted Part is defective, if the diagnostic work is performed at an Authorized Sears Service Dealer. For emissions warranty service contact your nearest Authorized Sears Service Dealer as listed in the "Yellow Pages" under "Engines, Gasoline," "Gasoline Engines," "Lawn Mowers," or similar category.

4. Claims and Coverage Exclusions

Warranty claims shall be filed in accordance with the provisions of the Sears Engine Warranty Policy. Warranty coverage shall be excluded for failures of Warranted Parts which are not original Sears parts or because of abuse, neglect or improper maintenance as set forth in the Sears Engine Warranty Policy. Sears is not liable to cover failures of Warranted Parts caused by the use of add-on, non-original, or modified parts.

5. Maintenance

Any Warranted Part which is not scheduled for replacement as required maintenance or which is scheduled only for regular inspection to the effect of "repair or replace as necessary" shall be warranted as to defects for the warranty period. Any Warranted Part which is scheduled for replacement as required maintenance shall be warranted as to defects only for the period of time up to the first scheduled replacement for that part. Any replacement part that is equivalent in performance and durability may be used in the performance of any maintenance or repairs. The owner is responsible for the performance of all required maintenance, as defined in the Sears Operating and Maintenance Instructions.

6. Consequential Coverage

Coverage hereunder shall extend to the failure of any engine components caused by the failure of any Warranted Part still under warranty.

In the USA and Canada, a 24 hour hot line, **1-800-469-4663**, has a menu of pre-recorded messages offering you engine maintenance information.

REPAIR PROTECTION AGREEMENT

Congratulations on making a smart purchase. Your new Craftsman® product is designed and manufactured for years of dependable operation. But like all products, it may require repair from time to time. That's when having a Repair Protection Agreement can save you money and aggravation.

Here's what the Repair Protection Agreement* includes:

- ☑ **Expert service** by our 10,000 professional repair specialists
- ☑ **Unlimited service and no charge** for parts and labor on all covered repairs
- ☑ **Product replacement** up to \$1500 if your covered product can't be fixed
- ☑ **Discount of 25%** from regular price of service and related installed parts not covered by the agreement; also, 25% off regular price of preventive maintenance check
- ☑ **Fast help by phone** – we call it Rapid Resolution – phone support from a Sears representative. Think of us as a “talking owner's manual.”

Once you purchase the Repair Protection Agreement, a simple phone call is all that it takes for you to schedule service. You can call anytime day or night, or schedule a service appointment online.

The Repair Protection Agreement is a risk-free purchase. If you cancel for any reason during the product warranty period, we will provide a full refund. Or, a prorated refund anytime after the product warranty period expires. Purchase your Repair Protection Agreement today!

Some limitations and exclusions apply. For prices and additional information in the U.S.A. call 1-800-827-6655.

***Coverage in Canada varies on some items. For full details call Sears Canada at 1-800-361-6665.**

Sears Installation Service

*For Sears professional installation of home appliances, garage door openers, water heaters, and other major home items, in the U.S.A. or Canada call **1-800-4-MY-HOME®**.*

Get it fixed, at your home or ours!

Your Home

For troubleshooting, product manuals and expert advice:



www.managemylife.com

For repair – **in your home** – of **all** major brand appliances, lawn and garden equipment, or heating and cooling systems, **no matter who made it, no matter who sold it!**

For the replacement parts, accessories and owner's manuals that you need to do-it-yourself.

For Sears professional installation of home appliances and items like garage door openers and water heaters.

1-800-4-MY-HOME[®] (1-800-469-4663)

Call anytime, day or night (U.S.A. and Canada)

www.sears.com www.sears.ca

Our Home

For repair of carry-in items like vacuums, lawn equipment, and electronics, call anytime for the location of your nearest

Sears Parts & Repair Service Center

1-800-488-1222 (U.S.A.)

www.sears.com

1-800-469-4663 (Canada)

www.sears.ca

To purchase a protection agreement on a product serviced by Sears:

1-800-827-6655 (U.S.A.)

1-800-361-6665 (Canada)

Para pedir servicio de reparación a domicilio, y para ordenar piezas:

1-888-SU-HOGAR[®]

(1-888-784-6427)

www.sears.com

Au Canada pour service en français:

1-800-LE-FOYER^{MC}

(1-800-533-6937)

www.sears.ca

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