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CAUTION:
Read and follow all
Safety Rules and Instructions
before operating this equipment
Sears, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.
Visit our Craftsman website: www.sears.com/craftsman
SAFETY RULES

IMPORTANT: This cutting machine is capable of amputating hands and feet and throwing objects. Failure to observe the following safety instructions could result in serious injury or death.

Look for this symbol to point out important safety precautions. It means CAUTION!!! BECOME ALERT!!! YOUR SAFETY IS INVOLVED.

WARNING: In order to prevent accidental starting when setting up, transporting, adjusting or making repairs, always disconnect spark plug wire and place wire where it cannot come in contact with plug.

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

WARNING: Battery posts, terminals 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.

CAUTION: Muffler and other engine parts become extremely hot during operation and remain hot after engine has stopped. To avoid severe burns on contact, stay away from these areas.

I. GENERAL OPERATION

- Read, understand, and follow all instructions on the machine and in the manual(s) before starting. Be thoroughly familiar with the controls and the proper use of the machine before starting.
- Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
- Only allow responsible individuals, who are familiar with the instructions, to operate the machine.
- Clear the area of objects such as rocks, toys, wire, bones, sticks, etc., which could be picked up and thrown by blade.
- Be sure the area is clear of other people before mowing. Stop the machine if anyone enters the area.
- Do not operate the mower when barefoot or wearing open sandals. Always wear substantial foot wear.
- Do not pull mower backwards unless absolutely necessary. Always look down and behind before and while moving backwards.
- Never direct discharged material toward anyone. Avoid discharging material against a wall or obstruction. Material may ricochet back toward the operator. Stop the blade when crossing gravel surfaces.
- Do not operate the mower without proper guards, plates, grass catcher or other safety protective devices in place.
- See manufacturer’s instructions for proper operation and installation of accessories. Only use accessories approved by the manufacturer.
- Stop the blade(s) when crossing gravel drives, walks, or roads.
- Stop the engine (motor) whenever you leave the equipment, before cleaning the mower or unclogging the chute.
- Shut the engine (motor) off and wait until the blade comes to complete stop before removing grass catcher.
- Mow only in daylight or good artificial light.
- Never operate the machine while under the influence of alcohol or drugs.
- Never operate machine in wet grass. Always be sure of your footing: keep a firm hold on the handle; walk, never run.
- Disengage the self-propelled mechanism or drive clutch on mowers so equipped before starting the engine.
- If the equipment should start to vibrate abnormally, stop the engine (motor) and check immediately for the cause. Vibration is generally a warning of trouble.
- Always wear safety goggles or safety glasses with side shields when operating mower.

II. SLOPE OPERATION

Slopes are a major factor related to slip & fall accidents which can result in severe injury. All slopes require extra caution. If you feel uneasy on a slope, do not mow it.

Engine Power Rating Information

The gross power rating for individual gas engine models is labeled in accordance with SAE (Society of Automotive Engineers) code J1940 (Small Engine Power & Torque Rating Procedure), and rating performance has been obtained and corrected in accordance with SAE J1995 (Revision 2002-5). Actual gross engine power will be lower and is affected by, among other things, ambient operating conditions and engine-to-engine variability. Given both the wide array of products on which engines are placed and the variety of environmental issues applicable to operating the equipment, the gas engine will not develop the rated gross power when used in a given piece of power equipment (actual “on-site” or net horsepower). This difference is due to a variety of factors including, but not limited to, accessories (air cleaner, exhaust, charging, cooling, carburetor, fuel pump, etc.), application limitations, ambient operating conditions (temperature, humidity, altitude), and engine-to-engine variability. Due to manufacturing and capacity limitations, Briggs & Stratton may substitute an engine of higher rated power for this Series engine.
BRIGGS & STRATTON 4-CYCLE ENGINE  MODEL NUMBER 128602-1102-E1

<table>
<thead>
<tr>
<th>KEY PART NO.</th>
<th>NO.</th>
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<th>NO.</th>
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<td>92613</td>
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<td>993</td>
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<td>+ Gasket-Rocker Cover</td>
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<td>69801</td>
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<td>635</td>
<td>66538s</td>
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<td>125S02-0025</td>
<td>Replacement Engine</td>
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<td>695891</td>
<td>Brake</td>
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</tbody>
</table>

**KEY PART NO. DESCRIPTION**
- **957 793606** Cap-Fuel Tank
- **966 690243** Base-Air Cleaner Primer
- **967 273356s** Filter-Pre Cleaner
- **968 691342** Cover-Air Cleaner
- **969 691138** Screw
- **972 699374** Tank-Fuel
- **976 694395** Primer-Carburetor
- **977 792385** Set-Carburetor Gasket
- **993 694088** Gasket, Cylinder Head Plate
- **1022 691890** Gasket-Rocker Cover
- **1023 499624** Gasket-Rocker Arm
- **1026 795444** Rod-Push
- **1029 691230** Arm-Rocker
- **1034 691343** Guide-Push Rod
- **1210 498144** Assembly-Pulley/Spring (Pulley)
- **1211 498144** Assembly-Pulley/Spring (Spring)
- **1329 125S02-0025** Replacement Engine
- **1330 272147** Repair Manual
- **398067** Spark Arrester
- **O 690243** Included in Engine Gasket Set, Key No. 358
- **1 Included in Carb. Overhaul Kit, Key No. 121
- **1 Included in Carb. Overhaul Kit, Key No. 977
- **1 Included in Valve Gasket, Key No. 1095

**DO:**
- Mow across the face of slopes: never up and down. Exercise extreme caution when changing direction on slopes.
- Remove obstacles such as rocks, tree limbs, etc.
- Watch for holes, ruts, or bumps. Tall grass can hide obstacles.

**DO NOT:**
- Do not trim near drop-offs, ditches or embankments. The operator could lose footing or balance.
- Do not trim excessively steep slopes.
- Do not mow on wet grass. Reduced footing could cause slipping.

**II. CHILDREN**
Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the machine and the mowing activity. Never assume that children will remain where you last saw them. Keep children out of the trimming area and under the watchful care of another responsible adult.

**III. SAFE HANDLING OF GASOLINE**
Use extreme care in handling gasoline. Gasoline is extremely flammable and the vapors are explosive.
- Extinguish all cigarettes, cigars, pipes and other sources of ignition.
- Use only an approved container.
- Never run machine inside a closed area.
- Never change the engine governor setting or overspeed the engine.
- Maintain or replace safety and instruction labels, as necessary.
- Grass catcher components are subject to wear, damage, and deterioration, which could expose moving parts or allow objects to be thrown. Frequently check components and replace with manufacturer’s recommended parts, when necessary.
- Mower blades are sharp and can cut. Wrap the blade(s) or wear gloves, and use extra caution when servicing them.
- Do not change the engine governor setting or overspeed the engine.
- 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 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.
- If fuel is spilled on clothing, change clothing immediately.
- Never overfill fuel tank. Replace gas cap and tighten securely.

**WARNING:** This lawn mower is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered or grass-covered land unless the engine’s exhaust system is equipped with a spark arrester meeting applicable local or state laws (if any). If a spark arrester 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 arrester for the muffler is available through your nearest Husqvarna or other authorized service center (See the REPAIR PARTS section of this manual).
<table>
<thead>
<tr>
<th>KEY PART NO.</th>
<th>DESCRIPTION</th>
<th>KEY PART NO.</th>
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<td>697316</td>
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<td>44</td>
<td>692143s</td>
<td>Grip-Starter Rope</td>
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PRODUCT SPECIFICATIONS

Serial Number:
Date of Purchase:
Gasoline Capacity / Type: 1.6 Quarts (Unleaded Regular)
Oil Type (API SG–SL): SAE 30 (above 32°F); SAE 5W-30 (below 32°F)
Oil Capacity: 20 Ounces
Spark Plug (Gap: .030") Champion RC12YC
Blade Bolt Torque: 35-40 ft. lbs.

*The model and serial numbers will be found on a decal on the rear of the lawn mower housing. Record both serial number and date of purchase in space provided above.

ACCESSORIES

These accessories were available when this lawn mower was produced. They are not shipped with your mower. They are also available at most Husqvarna retailers and service centers. Some of these accessories may not apply to your lawn mower.

LAWN MOWER PERFORMANCE

CLIPPING DEFLECTORS FOR REAR DISCHARGE LAWN MOWERS
STABILIZER
GAS CANS
GRASS CATCHERS FOR REAR DISCHARGE LAWN MOWERS
GRASS CATCHERS FOR SIDE DISCHARGE LAWN MOWERS

LAWN MOWER MAINTENANCE

MUFFLERS
AIR FILTERS
SPARK PLUGS
BELTS
BLADES
BLADE ADAPTERS
WHEELS
ENGINE OIL
ASSEMBLY / PRE-OPERATION

Read these instructions and this manual in its entirety before you attempt to assemble or operate your new lawn mower.

IMPORTANT: This lawn mower is shipped WITHOUT OIL OR GASOLINE in the engine. Your new lawn mower has been assembled at the factory with the exception of those parts left unassembled for shipping purposes. All parts such as nuts, washers, bolts, etc., necessary to complete the assembly have been placed in the parts bag. To ensure safe and proper operation of your lawn mower, all parts and hardware you assemble must be tightened securely. Use the correct tools as necessary to ensure proper tightness.

TO REMOVE MOWER FROM CARTON
1. Remove loose parts included with mower.
2. Cut down two end corners of carton and lay end panel down flat.
3. Remove all packing materials except padding between upper and lower handle and padding holding operator presence control bar to upper handle.
4. Roll lawn mower out of carton and check carton thoroughly for additional loose parts.

HOW TO SET UP YOUR MOWER

TO UNFOLD HANDLE
IMPORTANT: Unfold handle carefully so as not to pinch or damage control cables.
1. Raise lower handle section to operating position and squeeze the bottom ends of lower handle towards each other until the pin in handle can be inserted into one of the three height adjustment holes.
2. Remove protective padding, raise upper handle section into place on lower handle and tighten both handle knobs.

TO ASSEMBLE GRASS CATCHER
1. Put grass catcher frame into grass bag with rigid part of bag on the bottom. Make sure the frame handle is outside of the bag top.
2. Slip vinyl bindings over frame.

NOTE: If vinyl bindings are too stiff, hold them in warm water for a few minutes. If bag gets wet, let it dry before using.

TO INSTALL ATTACHMENTS
Your lawn mower was shipped ready to be used as a mulcher. To convert mower to bagging or discharging, see “TO CONVERT MOWER” in the Operation section of this manual.

IMPORTANT: This lawn mower is shipped WITHOUT OIL OR GASOLINE in the engine.

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KNOW YOUR LAWN MOWER
READ THIS OWNER’S MANUAL AND ALL SAFETY RULES BEFORE OPERATING YOUR LAWN MOWER. Compare the illustrations with your lawn mower to familiarize yourself with the location of various controls and adjustments. Save this manual for future reference.

These symbols may appear on your lawn mower or in literature supplied with the product. Learn and understand their meaning.

CAUTION OR WARNING ENGINE ON ENGINE OFF FAST SLOW CHOKE FUEL OIL DANGER, KEEP HANDS AND FEET AWAY

MEETS CPSC SAFETY REQUIREMENTS
Sears rotary walk-behind power lawn mowers conform to the safety standards of the American National Standards Institute and the U.S. Consumer Product Safety Commission. The blade turns when the engine is running.

Operator presence control bar – must be held down to the handle to start the engine. Release to stop the engine.
Starter handle – used for starting engine.
Mulcher door – allows conversion to discharging or bagging operation.

Drive control lever – used to engage power-propelled forward motion of mower.
Primer – pumps additional fuel from the carburetor to the cylinder for use when starting a cold engine.

IMPORTANT: This lawn mower is shipped WITHOUT OIL OR GASOLINE in the engine.
The operation of any lawn mower can result in foreign objects thrown into the eyes, which can result in severe eye damage. Always wear safety glasses or eye shields while operating your lawn mower or performing any adjustments or repairs.

We recommend a standard safety glasses or wide vision safety mask worn over spectacles.

Over time, the drive control system may become "loose", resulting in decreased speed. There is a turnbuckle on the drive control housing to increase tension on the drive cable. Proceed as follows:

1. Turn unit off and disconnect spark plug wire from spark plug.
2. Rotate turnbuckle on drive control to increase drive speed.
3. Operate mower to test drive speed.
4. If condition fails to improve after the above steps (forward speed remains the same), your drive belt is worn and should be replaced.

**ENGINE ZONE CONTROL**

CAUTION:

Federal regulations require an engine control to be installed on this lawn mower in order to minimize the risk of blade contact injury. Do not under any circumstances attempt to defeat the function of the operator control. The blade turns when the engine is running. Your lawn mower is equipped with an operator presence control bar which requires the operator to be positioned behind the lawn mower handle to start and operate the lawn mower.

**TO ADJUST CUTTING HEIGHT**

Pull adjuster lever forward and release mower, move lever forward to desired position. To lower mower, move lever toward the rear.

NOTE: If after releasing the drive control, the mower will not roll backwards, push operator presence control bar down against self-propelling to continue mowing without self-propelling. If propelling is controlled by handle, pull the control lever rearward to hand the lever, the mower forward slightly to disengage drive wheels.

**HOW TO USE YOUR LAWN MOWER**

**ENGINE SPEED**

Engine speed was set at the factory for optimum performance. It is not adjustable.

**ENGINE ZONE CONTROL**

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**TO ADJUST CUTTING HEIGHT**

Pull adjuster lever forward and release mower, move lever forward to desired position. To lower mower, move lever toward the rear.
TO CONVERT MOWER
Your lawn mower was shipped ready to be used as a mulcher. To convert to bagging or discharging:

REAR BAGGING
- Open rear door and remove mulcher plug. Store mulcher plug in a safe place.
- You can now install the grass catcher or optional clipping deflector.
- To convert to mulching or discharging operation, install mulcher plug into rear discharge opening of mower.

SIDE DISCHARGING
- Mulcher plug must be installed into rear discharge opening of mower.
- Open mulcher door and install discharge deflector under door as shown.
- Mower is now ready for discharging operation.
- To convert to mulching or bagging operation, discharge deflector must be removed and mulcher door closed.

CAUTION:
Do not run your lawn mower without mulcher plug or approved grass catcher in place. Never attempt to operate the lawn mower with the rear door removed or propped open.

TO EMPTY GRASS CATCHER
1. Lift up on grass catcher using the frame handle.
2. Remove grass catcher with clippings from under lawn mower handle.
3. Empty clippings from bag.

NOTE: Do not drag the bag when emptying; it will cause unnecessary wear.
ATTACH FUEL CAP CARTRIDGE

Your mower is equipped with a special Grass catcher fuel cap and continuous FRESH START frame handle TM cartridge.

NOTE:
- Do not remove the silver foil seal on the side of cartridge that snaps into fuel cap.
- Grasp the white peel tab and pull to remove the entire seal.
- Screw fuel cap onto fuel tank after filling tank with gasoline.
- Replace cartridge when empty (about once a season). Check preserver level visually.

FRESH START

BEFORE STARTING ENGINE
ADD OIL

DANGER:
- Cartridge fluid is HARMFUL or FATAL IF SWALLOWED. Avoid contact to eyes, skin, or clothing. Do not take internally. Do not inhale fluid vapor. Keep out of reach of children. If swallowed, call a physician immediately.

NOTE:
- Initial oil fill requires only 18 oz.
- Check oil level before each use. Add oil if needed. Fill to full line on dipstick.
- Change the oil after every 25 hours of operation or each season. You may change the oil more often under dusty, dirty conditions. See "TO CHANGE ENGINE OIL" in the Maintenance section of this manual.

IMPORTANT:
- Do not overfill engine with oil, or it will smoke heavily from the muffler.
- Fuel stabilizer is recommended to keep fuel fresh for storage.
- Do not overfill. Use fresh, clean, regular unleaded gasoline with a minimum of 87 octane. Do not mix oil with gasoline.

NOTE:
- Alcohol blended fuels can attract moisture which leads to separation andFormation of acids during storage. Acidic gas can damage the fuel system of an engine while in storage. To avoid engine problems, the fuel system should be emptied before storage of 30 days or longer. Use fresh fuel混合物在季节内。See "TO CHANGE ENGINE OIL" in the Maintenance section of this manual.
- Fuel stabilizer is recommended to keep fuel fresh for storage.
- Do not overfill. Use fresh, clean, regular unleaded gasoline with a minimum of 87 octane. Do not mix oil with gasoline.

NOTE:
- Use only Original Equipment Manufacturer (O.E.M.) replacement parts. Failure to do so could be hazardous, damage your lawn mower and void your warranty.

HUSQVARNA ROTARY LAWN MOWER - MODEL NUMBER 917.374456

<table>
<thead>
<tr>
<th>KEY NO.</th>
<th>PART NO.</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>1</td>
<td>199982</td>
<td>Upper Handle Assembly (Includes Foam Grip)</td>
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<tr>
<td>2</td>
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<td>Handle, Lower</td>
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<td>3</td>
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<td>Spring, Rear Door, RH</td>
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<td>Rope Guide</td>
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NOTE: All component dimensions given in U.S. inches. 1 inch = 25.4 mm.

IMPORTANT: Use only Original Equipment Manufacturer (O.E.M.) replacement parts. Failure to do so could be hazardous, damage your lawn mower and void your warranty.
TO STOP ENGINE
- To stop engine, release operator presence control bar.

TO START ENGINE
NOTE: Due to protective coatings on the engine, a small amount of smoke may be present during the initial use of the product and should be considered normal.
1. To start a cold engine, push primer three (3) times before trying to start. Use a firm push. This step is not usually necessary when starting an engine which has already run for a few minutes.
2. Hold operator presence control bar down to the handle and pull starter handle quickly. Do not allow starter rope to snap back.

NOTE: In cooler weather it may be necessary to repeat priming steps. In warmer weather over priming may cause flooding and engine will not start. If you do flood engine, wait a few minutes before attempting to start and do not repeat priming steps.

MOWING TIPS
CAUTION: Do not use de-thatcher blade attachments on your mower. Such attachments are hazardous, will damage your mower and could void your warranty.
- Under certain conditions, such as very tall grass, it may be necessary to raise the height of cut to reduce pushing effort and to keep from overloading the engine and leaving clumps of grass clippings. It may also be necessary to reduce ground speed and/or run the lawn mower over the area a second time.
- For extremely heavy cutting, reduce the width of cut by overlapping previously cut path and mow slowly.
- For better grass bagging and most cutting conditions, the engine speed should be set in the FAST position.
- Pores in cloth grass catchers can become filled with dirt and dust with use and catchers will collect less grass. To prevent this, regularly hose catcher off with water and let dry before using.
- Keep top of engine around starter clear and clean of grass clippings and chaff. This will help engine air flow and extend engine life.

MULCHING MOWING TIPS
IMPORTANT: For best performance, keep mower housing free of built-up grass and trash. See “CLEANING” in the Maintenance section of this manual.
- The special mulching blade will recut the grass clippings many times and reduce them in size so that as they fall onto the lawn they will disperse into the grass and not be noticed. Also, the mulched grass will biodegrade quickly to provide nutrients for the lawn. Always mulch with your highest engine (blade) speed as this will provide the best recutting action of the blades.
- Avoid cutting your lawn when it is wet. Wet grass tends to form clumps and interferes with the mulching action. The best time to mow your lawn is the early afternoon. At this time the grass has dried, yet the newly cut area will not be exposed to direct sunlight.
- For best results, adjust the lawn mower cutting height so that the lawn mower cuts off only the top one-third of the grass blades. If the lawn is overgrown it will be necessary to raise the height of cut to reduce pushing effort and to keep from overloading the engine and leaving clumps of mulched grass. For extremely heavy grass, reduce your width of cut by overlapping previously cut path and mow slowly.
- Certain types of grass and grass conditions may require that an area be mulched a second time to completely hide the clippings. When doing a second cut, mow across (perpendicular) to the first cut path.
- Change your cutting pattern from week to week. Mow north to south one week then change to east to west the next week. This will help prevent matting and graining of the lawn.
MAINTENANCE

MAINTENANCE SCHEDULE

BEFORE EACH USE  AFTER EACH USE  EVERY 10 HOURS  EVERY 25 HOURS OR SEASON  EVERY 100 HOURS  BEFORE STORAGE

Check for Loose Fasteners  ✓  ✓  ✓  ✓  ✓  ✓
Check Inspect Grass Catcher * ✓ ✓ ✓ ✓ ✓
Check Tires ✓ ✓ ✓ ✓ ✓
Check Drive Wheels *** ✓ ✓ ✓ ✓ ✓
Clean Lawn Mower **** ✓ ✓ ✓ ✓ ✓
Clean under Drive Cover *** ✓ ✓ ✓ ✓ ✓
Check Drive Belt / Pulleys *** ✓ ✓ ✓ ✓ ✓
Check / Sharpen / Replace Blade ✓ ✓ ✓ ✓ ✓
Lubrication ✓ ✓ ✓ ✓ ✓
Clean and Recharge Battery ** ✓ ✓ ✓ ✓ ✓
Check Engine Oil level ✓ ✓ ✓ ✓ ✓
Change Engine Oil ✓ ✓ ✓ ✓ ✓
Clean Air Filter ✓ ✓ ✓ ✓ ✓
Inspect Muffler ✓ ✓ ✓ ✓ ✓
Replace Spark Plug ✓ ✓ ✓ ✓ ✓
Replace Air Filter Paper Cartridge ✓ ✓ ✓ ✓ ✓
Empty fuel system or add Stabilizer ✓ ✓ ✓ ✓ ✓

GENERAL RECOMMENDATIONS
The warranty on this lawn mower does not cover items that have been subjected to operator abuse or negligence. To receive full value from the warranty, operator must maintain unit as instructed in this manual. Some adjustments will need to be made periodically to properly maintain your unit. At least once a season, check to see if you should make any of the adjustments described in the Service and Adjustments section of this manual.

• At least once a year, replace the spark plug, clean or replace air filter element and check blade for wear. A new spark plug, clean/new air filter element assures proper air-fuel mixture and help your engine run better and last longer.
• Follow the maintenance schedule in this manual.

BEFORE EACH USE
• Check engine oil level.
• Check for loose fasteners.

LUBRICATION
Keep unit well lubricated (See “LUBRICATION CHART”).

IMPORTANT: Do not oil or grease plastic wheel bearings. Viscous lubricants will attract dust and dirt that will shorten the life of the self-lubricating bearings. If you feel they must be lubricated, use only a dry, powdered graphite type lubricant sparingly.

SOLUCIÓN DE PROBLEMAS - Vea la sección apropiada en el manual amenos que esté dirigido a un centro de servicio Husqvarna.

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<thead>
<tr>
<th>PROBLEMA</th>
<th>CAUSA</th>
<th>CORRECCIÓN</th>
</tr>
</thead>
<tbody>
<tr>
<td>No arranca (continuado)</td>
<td>7. Cuchilla suelta o adaptador de la cuchilla quebrado.</td>
<td>7. Apriete el perno de la cuchilla cambie el adaptador de la cuchilla.</td>
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<tr>
<td></td>
<td>8. Barra de control en la posición suelta.</td>
<td>8. Presione la barra de control hacia el mango.</td>
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<td>10. Válvula del combustible (si equipada) está en la posición OFF.</td>
<td>10. Gire a la válvula del combustible a la posición ON.</td>
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<tr>
<td>Falta de fuerza</td>
<td>1. Cuchilla desgastada, doblada o suelta.</td>
<td>1. Eleve la altura de corte.</td>
</tr>
<tr>
<td></td>
<td>2. Altura de las ruedas despareja.</td>
<td>2. Eleve la altura de corte.</td>
</tr>
<tr>
<td></td>
<td>3. Velocidad del motor lenta.</td>
<td>3. Limpie/cambio el filtro de aire.</td>
</tr>
<tr>
<td></td>
<td>4. Acumulación de césped, hojas o basura debajo de la segadora.</td>
<td>4. Limpie la parte inferior de la caja de la segadora.</td>
</tr>
<tr>
<td></td>
<td>5. Demasiado aceite en motor.</td>
<td>5. Revise el nivel del aceite.</td>
</tr>
<tr>
<td></td>
<td>2. Altura de las ruedas despareja.</td>
<td>2. Ajuste todas las ruedas a la misma altura.</td>
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<tr>
<td></td>
<td>3. Acumulación de césped, hojas o basura debajo de la segadora.</td>
<td>3. Limpie la parte inferior de la caja de la segadora.</td>
</tr>
<tr>
<td></td>
<td>2. Cigueñal del motor doblado.</td>
<td>2. Póngase en contacto con su centro de servicio Husqvarna o con un otro centro de servicio cualificado.</td>
</tr>
<tr>
<td>Cordón arrancador difícil de tirar</td>
<td>1. El freno del volante del motor está aplicado cuando se suelta la barra de control.</td>
<td>1. Presione la barra de control hacia el mango superior antes de tirar el cordón arrancador.</td>
</tr>
<tr>
<td></td>
<td>2. Cigueñal del motor doblado.</td>
<td>2. Póngase en contacto con su centro de servicio Husqvarna o con un otro centro de servicio cualificado.</td>
</tr>
<tr>
<td></td>
<td>3. Adaptador de la cuchilla quebrado.</td>
<td>3. Cambie el adaptador de la cuchilla.</td>
</tr>
<tr>
<td></td>
<td>4. La cuchilla se arrastra en el césped.</td>
<td>4. Mueva la segadora a un lugar en donde el césped ha sido cortado o a una superficie firme para hacer arrancar el motor.</td>
</tr>
<tr>
<td>Recogedor de césped no se llena (si viene equipado)</td>
<td>1. Altura de corte demasiado baja.</td>
<td>1. Eleve la altura de corte.</td>
</tr>
<tr>
<td></td>
<td>2. Levantamiento de la cuchilla desgastado.</td>
<td>2. Cambie las cuchillas.</td>
</tr>
<tr>
<td></td>
<td>3. Recogedor sin ventilación de aire.</td>
<td>3. Limpie el recogedor de césped.</td>
</tr>
<tr>
<td>Difícil de empujar</td>
<td>1. El césped está demasiado alto o la altura de la rueda demasiado baja.</td>
<td>1. Eleve la altura de corte.</td>
</tr>
<tr>
<td></td>
<td>2. Parte trasera de la caja/cuchilla de la segadora arrastrándose en el césped.</td>
<td>2. Eleve la parte trasera de la caja de la segadora (1) un lugar más alto.</td>
</tr>
<tr>
<td></td>
<td>3. Recogedor de césped demasiado lleno.</td>
<td>3. Vacíe el recogedor de césped.</td>
</tr>
<tr>
<td></td>
<td>4. Posición de la altura del mango no adecuada para usted.</td>
<td>4. Ajuste la altura del mango de modo que le acomode.</td>
</tr>
<tr>
<td>Pérdida de impulsión o retardo de la velocidad</td>
<td>1. Desgaste de la correa.</td>
<td>1. Revise/cambie correa de impulsión.</td>
</tr>
<tr>
<td></td>
<td>2. La correa está fuera de la polea.</td>
<td>2. Revise/vuelva a instalar la correa.</td>
</tr>
<tr>
<td></td>
<td>3. Cable de la impulsión usado o roto.</td>
<td>3. Cambie el cable de la impulsión.</td>
</tr>
</tbody>
</table>
**IMPORTANT**: Blade bolt is heat treated. If bolt needs replacing, replace only with approved bolt shown in the Repair Parts section of this manual.

**ACEITE DEL MOTOR**

Drene el aceite (con el motor caliente) y cambie con aceite de motor limpio. (Vea "MOTOR" en la sección de Mantenimiento de este manual.)

**CILINDRO**

1. Remueva la bujía.
2. Vacíe una onza (29 ml) de aceite a través del agujero de la bujía en el cilindro.
3. Tire la manilla de arranque lentamente unas cuantas veces para distribuir el aceite.
4. Vuelva a montar la nueva bujía.

**OTROS**

- No guarde la gasolina de una temporada a otra.

- Cambie el envase de la gasolina si se empieza a oxidar. La oxidación y/o la mugre en su gasolina producirán problemas.
- Si es posible, guarde su unidad en un recinto cerrado y cúbrala para protegerla contra el polvo y la mugre.
- Cubra su unidad con un forro protector adecuado que no retenga la humedad. No use plástico. El plástico no puede respirar, lo que permite la formación de condensación, lo que producirá la oxidación de su unidad.

**PRECAUCIÓN**: Nunca cubra la segadora mientras el motor y las áreas de escape todavía están calientes.

**BLADE CARE**

For best results, blade must be kept sharp. Replace a bent or damaged blade.

**CAUTION**: Use only a replacement blade approved by the manufacturer of your mower. Using a blade not approved by the manufacturer of your mower is hazardous, could damage your mower and void your warranty.

**TO REMOVE BLADE**

1. Disconnect spark plug wire from spark plug and place wire where it cannot come in contact with plug.
2. Turn lawn mower on its side. Make sure air filter and carburetor are up.
3. Use a wood block between blade and mower housing to prevent blade from turning when removing blade bolt.

**NOTE**: Protect your hands with gloves and/or wrap blade with heavy cloth. Get a nail with a straight edge and move the tip of the nail over the hole of the blade. If blade is balanced, it should remain in a horizontal position. If either end of the blade moves downward, sharpen the heavy end until the blade is balanced.

**TO REPLACE BLADE**

1. Position blade on the blade adapter aligning the two (2) holes in the blade with the raised lugs on the adapter.
2. Be sure the trailing edge of blade (opposite sharp edge) is up toward engine.
3. Install the blade bolt with the lock washer and hardened washer into blade adapter and crankshaft.
4. Use block of wood between blade and lawn mower housing and tighten the blade bolt, turning clockwise.

**GEAR CASE**

- To keep your drive system working properly, the gear case and area around the drive should be kept clean and free of trash build-up. Clean under the drive cover twice a season.
- The gear case is filled with lubricant to the proper level at the factory. The only time the lubricant needs attention is if service has been performed on the gear case.
- If lubricant is required, use only Texaco Starplex Premium 1 Grease, Part No. 750369. Do not substitute.

**GRASS CATCHER**

- The grass catcher may be hosed with water, but must be dry when used.
- Check your grass catcher often for damage or deterioration. Through normal use it will wear. If catcher needs replacing, replace only with approved replacement catcher shown in the Repair Parts section of this manual. Give the lawn mower model number when ordering.

**TO SHARPEN BLADE**

**NOTE**: We do not recommend sharpening the blade - but if you do, be sure the blade is balanced. An unbalanced blade will cause eventual damage to mower or engine.

- The blade can be sharpened with a file or on a grinding wheel. Do not attempt to sharpen while on the mower.
- To check blade balance, drive a nail into a beam or wall. Leave about one inch of the straight nail exposed. Place center hole of blade over the head of the nail. If blade is balanced, it should remain in a horizontal position. If either end of the blade moves downward, sharpen the heavy end until the blade is balanced.

**PROBLEMA** | **CAUSA** | **CORRECCIÓN**
---|---|---
No arranca | 1. Filtro de aire sucio. 2. Sin combustible. 3. Combustible rancio. 4. Agua en el combustible. 5. Alambre de la bujía desconectado. 6. Bujía mala. | 1. Limpie/cambie el filtro de aire. 2. Llene el estanque de combustible. 3. Vacié el estanque y vuelva a llenarlo con combustible limpio y nuevo. 4. Vacié el estanque y vuelva a llenarlo con combustible limpio y nuevo. 5. Conecte el alambre a la bujía. 6. Cambie la bujía.

**LAWN MOWER**

Always observe safety rules when performing any maintenance.

**TIRES**

- Keep tires free of gasoline, oil, or insect control chemicals which can harm rubber.
- Avoid stumps, stones, deep ruts, sharp objects and other hazards that may cause tire damage.

**DRIVE WHEELS**

Check rear drive wheels each time you mow to be sure they move freely. The wheels not turning freely means trash, grass cuttings, etc. are in the drive wheel area and must be cleaned to free drive wheels. If necessary to clean the drive wheels, be sure to clean both rear wheels.

**GRASS CATCHER**

- The grass catcher may be hosed with water, but must be dry when used.
- Check your grass catcher often for damage or deterioration. Through normal use it will wear. If catcher needs replacing, replace only with approved replacement catcher shown in the Repair Parts section of this manual. Give the lawn mower model number when ordering.

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TO STOP ENGINE
- To stop engine, release operator presence control bar.

TO START ENGINE
NOTE: Due to protective coatings on the engine, a small amount of smoke may be present during the initial use of the product and should be considered normal.
1. To start a cold engine, push primer three (3) times before trying to start. Use a firm push. This step is not usually necessary when starting an engine which has already run for a few minutes.
2. Hold operator presence control bar down to the handle and pull starter handle quickly. Do not allow starter rope to snap back.
NOTE: In cooler weather it may be necessary to repeat priming steps. In warmer weather over priming may cause flooding and engine will not start. If you do flood engine, wait a few minutes before attempting to start and do not repeat priming steps.

MOWING TIPS
CAUTION: Do not use de-thatcher blade attachments on your mower. Such attachments are hazardous, will damage your mower and could void your warranty.
- Under certain conditions, such as very tall grass, it may be necessary to raise the height of cut to reduce pushing effort and to keep from overloading the engine and leaving clumps of grass clippings. It may also be necessary to reduce ground speed and/or run the lawn mower over the area a second time.
- For extremely heavy cutting, reduce the width of cut by overlapping previously cut path and mow slowly.
- For better grass bagging and most cutting conditions, the engine speed should be set in the FAST position.
- Pores in cloth grass catchers can become filled with dirt and dust with use and catchers will collect less grass. To prevent this, regularly hose catcher off with water and let dry before using.
- Keep top of engine around starter clear and clean of grass clippings and chaff. This will help engine air flow and extend engine life.

MULCHING MOWING TIPS
IMPORTANT: For best performance, keep mower housing free of built-up grass and trash. See “CLEANING” in the Maintenance section of this manual.
- The special mulching blade will recut the grass clippings many times and reduce them in size so that as they fall onto the lawn they will disperse into the grass and not be noticed. Also, the mulched grass will biodegrade quickly to provide nutrients for the lawn. Always mulch with your highest engine (blade) speed as this will provide the best recutting action of the blades.
- Avoid cutting your lawn when it is wet. Wet grass tends to form clumps and interferes with the mulching action. The best time to mow your lawn is the early afternoon. At this time the grass has dried, yet the newly cut area will not be exposed to direct sunlight.
- For best results, adjust the lawn mower cutting height so that the lawn mower cuts off only the top one-third of the grass blades. If the lawn is overgrown it will be necessary to raise the height of cut to reduce pushing effort and to keep from overloading the engine and leaving clumps of mulched grass. For extremely heavy grass, reduce your width of cut by overlapping previously cut path and mow slowly.
- Certain types of grass and grass conditions may require that an area be mulched a second time to completely hide the clippings. When doing a second cut, mow across (perpendicular) to the first cut path.
- Change your cutting pattern from week to week. Mow north to south one week then change to east to west the next week. This will help prevent matting and graining of the lawn.
ATTACH FUEL CAP CARTRIDGE
Your mower is equipped with a special FRESH START™ fuel cap and continuous fuel preserver cartridge. See the information and instructions packed with the FRESH START™ cartridge.

1. Snap cartridge into bottom of fuel cap.
2. Grasp the white peel tab and pull to remove the entire seal.
3. Screw fuel cap onto fuel tank after filling tank with gasoline.
Replace cartridge when empty (about once a season). Check preserver level visually.

WARNING: Cartridge fluid is HARMFUL OR FATAL IF SWALLOWED. Avoid contact to eyes, skin, or clothing. Do not take internally. Do not inhale fluid vapor. Keep out of reach of children. If swallowed, call a physician immediately.

ADD GASOLINE
- Fill fuel tank to bottom of tank filler neck. Do not overfill. Use fresh, clean, regular unleaded gasoline with a minimum of 87 octane. Do not mix oil with gasoline. Purchase fuel in quantities that can be used within 30 days to assure fuel freshness.
- Fill to full line on dipstick. Change the oil after every 25 hours of operation or each season. You may need to change the oil more often under dusty, dirty conditions. See “TO CHANGE ENGINE OIL” in the Maintenance section of this manual.

WARNING: Alcohol blended fuels (called gasohol or using ethanol or methanol) can attract moisture which leads to separation and formation of acids during storage. Acidic gas can damage the fuel system of an engine while in storage. To avoid engine problems, the fuel system should be emptied before storage of 30 days or longer. Empty the fuel tank, start the engine and let it run until the fuel lines and carburetor are empty. Use fresh fuel next season. See Storage Instructions for additional information. Never use engine or carburetor cleaner products in the fuel tank or permanent damage may occur.

BEFORE STARTING ENGINE
ADD OIL
Your lawnmower is shipped without oil in the engine. For type and grade of oil to use, see “ENGINE” in the Maintenance section of this manual.

CAUTION: DO NOT overfill engine with oil, or it will smoke heavily from the muffler on startup.

1. Be sure lawn mower is level.
2. Remove oil dipstick from oil fill spout.
3. You receive a container of oil with the unit. Slowly pour the entire container down the oil fill spout into the engine.

NOTE: Initial oil fill requires only 18 oz. due to residual oil in engine from the manufacturer 100% quality testing. When changing oil you may need 20 oz.

4. Insert and tighten dipstick.

IMPORTANT:
- Check oil level before each use. Add oil if needed. Fill to full line on dipstick.
- Change the oil after every 25 hours of operation or each season. You may need to change the oil more often under dusty, dirty conditions. See “TO CHANGE ENGINE OIL” in the Maintenance section of this manual.
- Wipe off any spilled oil or fuel. Do not store, spill or use gasoline near an open flame.

CAUTION: Alcohol blended fuels (called gasohol or using ethanol or methanol) can attract moisture which leads to separation and formation of acids during storage. Acidic gas can damage the fuel system of an engine while in storage. To avoid engine problems, the fuel system should be emptied before storage of 30 days or longer. Empty the fuel tank, start the engine and let it run until the fuel lines and carburetor are empty. Use fresh fuel next season. See Storage Instructions for additional information. Never use engine or carburetor cleaner products in the fuel tank or permanent damage may occur.
TO CONVERT MOWER
Your lawn mower was shipped ready to be used as a mulcher. To convert to bagging or discharging:

REAR BAGGING
- Open rear door and remove mulcher plug. Store mulcher plug in a safe place.
- You can now install the grass catcher or optional clipping deflector.
- To convert to mulching or discharging operation, install mulcher plug into rear discharge opening of mower.

SIDE DISCHARGING
- Mulcher plug must be installed into rear discharge opening of mower.
- Open mulcher door and install discharge deflector under door as shown.
- Mower is now ready for discharging operation.
- To convert to mulching or bagging operation, discharge deflector must be removed and mulcher door closed.

CAUTION: Do not run your lawn mower without mulcher plug or approved grass catcher in place. Never attempt to operate the lawn mower with the rear door removed or propped open.

TO EMPTY GRASS CATCHER
1. Lift up on grass catcher using the frame handle.
2. Remove grass catcher with clippings from under lawn mower handle.
3. Empty clippings from bag.

NOTE: Do not drag the bag when emptying; it will cause unnecessary wear.
The operation of any lawn mower can result in foreign objects thrown into the eyes, which can result in severe eye damage. Always wear safety glasses or eye shields while operating your lawn mower or performing any adjustments or repairs.

DRIVE CONTROL ADJUSTMENT

Over time, the drive control system may become "loose", resulting in decreased speed. There is a turnbuckle on the drive control housing to increase tension on the drive cable. Proceed as follows:

1. Turn unit off and disconnect spark plug wire from spark plug.
2. Rotate turnbuckle on drive control to increase drive speed.
3. Operate mower to test drive speed. Readjust as required.
4. If condition fails to improve after the above steps (forward speed remains the same), your drive belt is worn and should be replaced.

HUSQVARNA ROTARY LAWN MOWER -- MODEL NUMBER 917.374456

NOTE: All component dimensions given in U.S. inches. 1 inch = 25.4 mm.

IMPORTANT: Use only Original Equipment Manufacturer (O.E.M.) replacement parts. Failure to do so could be hazardous, damage your lawn mower and void your warranty.

DRIVE CONTROL ENGAGE

CAUTION: Federal regulations require an engine control in order to minimize the risk of blade contact injury. Do not under any circumstances attempt to defeat the function of the engine control. The blade-shroud assembly may become "spinning", resulting in increased thrust of the mower, which can result in severe eye damage. Always wear safety glasses or eye shields while operating your lawn mower or performing any adjustments or repairs. We recommend a standard safety glasses and standard safety mask worn over the eyes when working near the engine area.

HOW TO USE YOUR LAWN MOWER

ENGINE SPEED

Engine speed was set at the factory for optimum performance. It is not adjustable.
KNOW YOUR LAWN MOWER
READ THIS OWNER'S MANUAL AND ALL SAFETY RULES BEFORE OPERATING YOUR LAWN MOWER. Compare the illustrations with your lawn mower to familiarize yourself with the location of various controls and adjustments. Save this manual for future reference.

These symbols may appear on your lawn mower or in literature supplied with the product. Learn and understand their meaning.

CAUTION OR WARNING 
ENGINE ON 
ENGINE OFF 
FAST 
SLOW 
CHOKE 
FUEL 
OIL 
DANGER, KEEP HANDS AND FEET AWAY

IMPORTANT: This lawn mower is shipped WITHOUT OIL OR GASOLINE in the engine.

MEETS CPSC SAFETY REQUIREMENTS
Sears rotary walk-behind power lawn mowers conform to the safety standards of the American National Standards Institute and the U.S. Consumer Product Safety Commission. The blade turns when the engine is running.

Operator presence control bar – must be held down to the handle to start the engine. Release to stop the engine.
Starter handle – used for starting engine.
Mulcher door – allows conversion to discharging or bagging operation.
Drive control lever – used to engage power-propelled forward motion of mower.
Primer – pumps additional fuel from the carburetor to the cylinder for use when starting a cold engine.
Read these instructions and this manual in its entirety before you attempt to assemble or operate your new lawn mower.

**IMPORTANT:** This lawn mower is shipped WITHOUT OIL OR GASOLINE in the engine. Your new lawn mower has been assembled at the factory with the exception of those parts left unassembled for shipping purposes. All parts such as nuts, washers, bolts, etc., necessary to complete the assembly have been placed in the parts bag. To ensure safe and proper operation of your lawn mower, all parts and hardware you assemble must be tightened securely. Use the correct tools as necessary to ensure proper tightness.

**TO REMOVE MOWER FROM CARTON**
1. Remove loose parts included with mower.
2. Cut down two end corners of carton and lay end panel down flat.
3. Remove all packing materials except padding between upper and lower handle and padding holding operator presence control bar to upper handle.
4. Roll lawn mower out of carton and check carton thoroughly for additional loose parts.

**HOW TO SET UP YOUR MOWER**

**TO UNFOLD HANDLE**

**IMPORTANT:** Unfold handle carefully so as not to pinch or damage control cables.
1. Raise lower handle section to operating position and squeeze the bottom ends of lower handle towards each other until the pin in handle can be inserted into one of the three height adjustment holes.
2. Remove protective padding, raise upper handle section into place on lower handle and tighten both handle knobs.
3. Remove any packing material from around control bar.

Your lawn mower handle can be adjusted for your mowing comfort. Refer to “ADJUST HANDLE” in the Service and Adjustments section of this manual.

**TO ASSEMBLE GRASS CATCHER**
1. Put grass catcher frame into grass bag with rigid part of bag on the bottom. Make sure the frame handle is outside of the bag top.
2. Slip vinyl bindings over frame.

**NOTE:** If vinyl bindings are too stiff, hold them in warm water for a few minutes. If bag gets wet, let it dry before using.

**TO INSTALL ATTACHMENTS**
Your lawn mower was shipped ready to be used as a mulcher. To convert mower to bagging or discharging, see “TO CONVERT MOWER” in the Operation section of this manual.
**BRIGGS & STRATTON 4-CYCLE ENGINE**

**MODEL NUMBER 128602-1102-E1**

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**PRODUCT SPECIFICATIONS**

- **Serial Number:**
- **Date of Purchase:**
- **Gasoline Capacity / Type:** 1.6 Quarts (Unleaded Regular)
- **Oil Type (API SG–SL):** SAE 30 (above 32°F); SAE 5W-30 (below 32°F)
- **Oil Capacity:** 20 Ounces
- **Spark Plug (Gap: .030”)** Champion RC12YC
- **Blade Bolt Torque:** 35-40 ft. lbs.

*The model and serial numbers will be found on a decal on the rear of the lawn mower housing. Record both serial number and date of purchase in space provided above.*

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**ACCESSORIES**

These accessories were available when this lawn mower was produced. They are not shipped with your mower. They are also available at most Husqvarna retailers and service centers. Some of these accessories may not apply to your lawn mower.

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**LAWN MOWER PERFORMANCE**

- **Clipping Deflectors for Rear Discharge Lawn Mowers**
- **Stabilizer**
- **Gas Cans**
- **Grass Catchers for Rear Discharge Lawn Mowers**
- **Grass Catchers for Side Discharge Lawn Mowers**

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**LAWN MOWER MAINTENANCE**

- **Mufflers**
- **Air Filters**
- **Spark Plugs**
- **Belts**
- **Blades**
- **Blade Adapters**
- **Wheels**
- **Engine Oil**
WARRANTY

SECTION 1: LIMITED WARRANTY
Husqvarna Forest & Garden Company ("Husqvarna") warrants Husqvarna product to the original purchaser to be free from defects in material and workmanship from the date of purchase for the "Warranty Period" of the product as set forth below:

2 YEAR NON-COMMERCIAL WARRANTY: Automatic Mower, Riding lawn mowers, yard and garden tractors, walk behind mowers, tillers, chain saws, trimmers, brushcutters, clearing saws, snow blowers, hand-held blowers, backpack blowers, hedge trimmers, electrical products and power-assist collection systems for noncommercial, nonprofessional, noninstitutional or nonincome producing use, except as herein stated.

Emission control system components necessary to comply with CARB-TIER-II and EPA regulations.

Husqvarna Safety Apparel carries a 90-day warranty from the date of the customer's original purchase for defects in material and workmanship. Normal wear, tear or abuse is not covered under warranty. Product must be returned to Charlotte with a warranty claim form. All care and maintenance instructions must be followed as stated by the manufacturer on the care label. The fit of the protective apparel/boots is not covered under warranty.

SECTION 2: HUSQVARNA'S OBLIGATIONS UNDER THE WARRANTY
Husqvarna will repair or replace defective components without charge for parts or labor if a component fails because of a defect in material or workmanship during the warranty period.

SECTION 3: ITEMS NOT COVERED BY THIS WARRANTY
The following items are not covered by this warranty:

(1) Normal customer maintenance items which become worn through normal regular use, including, but not limited to, belts, blades, blade adapters, bulbs, filters, guide bars, lubricants, rewind springs, saw chain, spark plugs, starter ropes and tires;

(2) Natural discoloration of material due to ultraviolet light;

(3) Lawn and garden attachments are covered by a third party which gives a warranty, all claims for warranty should be sent to the manufacturer; and

(4) Emission Control System components necessary to which are manufactured by third party engine manufacturer.

SECTION 4: EXCEPTIONS AND LIMITATIONS
This warranty shall be inapplicable to defects resulting from the following:

(1) Accident, abuse, misuse, negligence and neglect, including, but not limited to, fuel, dirt, abrasives, moisture, rust, corrosion, or any adverse reaction due to incorrect storage or use habits;

(2) Failure to operate or maintain the unit in accordance with the Owner's/Operator's manual or instruction sheet furnished by Husqvarna;

(3) Alterations or modifications that change the intended use of the product or affects the product's performance, operation, safety, or durability, or causes the product to fail to comply with any applicable laws; or;

(4) Additional damage to parts or components due to continued use occurring after any of the above.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY FOR THE PURCHASER. HUSQVARNA SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THESE PRODUCTS EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THESE PRODUCTS IS LIMITED IN DURATION TO THE WARRANTY PERIOD AS DEFINED IN THE LIMITED WARRANTY STATEMENT. HUSQVARNA RESERVES THE RIGHT TO CHANGE OR IMPROVE THE DESIGN OF THE PRODUCT WITHOUT NOTICE, AND DOES NOT ASSUME OBLIGATION TO UPDATE PREVIOUSLY MANUFACTURED PRODUCTS.

SECTION 5: CUSTOMER RESPONSIBILITIES
The customer must exhibit reasonable care, maintenance, operation, storage and general upkeep as written in the maintenance section of the Owner's/Operator's manual. It is the Owner's and Dealer's responsibility to make certain that the Warranty Registration Card is properly filled out and mailed to Husqvarna Forest & Garden Company. This card should be mailed within ten (10) days from the date of purchase in order to confirm the warranty and to facilitate post-sale service.

SECTION 6: PROCEDURE TO OBTAIN WARRANTY CONSIDERATION
If it is the Owner's and Dealer's responsibility to make certain that the Warranty Registration Card is properly filled out and mailed to Husqvarna Forest & Garden Company. This card should be mailed within ten (10) days from the date of purchase in order to confirm the warranty and to facilitate post-sale service.

Proof of purchase must be presented to the authorized Husqvarna dealer in order to obtain warranty service. This proof must include date purchased, model number, and complete name and address of the selling dealer.

To obtain the benefit of this warranty, the product believed to be defective must be delivered to an authorized Husqvarna dealer in a timely manner, no later than thirty (30) days from date of the operational problem or failure. The product must be delivered at the owner's expense. Pick-up and delivery charges are not covered by this warranty. An authorized Husqvarna dealer can be normally located through the "Yellow Pages" of the local telephone directory or by calling 1-800-HUSKY62 for a dealer in your area.

HUSQVARNA
7349 Stateville Road
Charlotte, NC 28269
313 83 81-23 2002

BRIGGS & STRATTON 4-CYCLE ENGINE
MODEL NUMBER 128602-1102-E1

KEY PART NO. DESCRIPTION
1 692670 Cylinder Assembly 65 690837 Screw (Rewind Starter)
2 399269 Kit-Bushing/Seal 78 691108 Screw (Flywheel Guard)
3 299819s Seal-Oil (Magneto Side) 95 691636 Screw (Throttle Valve)
4 493279 Sump-Engine 97 790121 Shaft-Throttle
5 792381 Head-Cylinder 104 691242 Ø Pin-Float Hinge
6 697230 + Gasket-Cylinder Head 117 498981 Jet-Standard
7 691680 Screw 118 498978 Jet-Main (High Altitude)
8 699833 Gasket-Blower 121 792338 Kit- Carburetor Overhaul
9 691125 Screw 122 792382 Spacer-Carburetor
10 691718 Tube-Blower 125 790120 Carburetor
11A 692937 Tube-Blower 127 694468 ø Plug-Welch
11B 692223 Gasket-Crankcase 130 696564 Valve-Throttle
12 691137 Screw (Cylinder Head) 134 398188 ø Valve-Seal/Neat
13 691680 Plug-Oil Drain 137 693981 ø Gasket-Float Bowl
14 691456 Crankshaft 163 691894 ø+ Gasket-Air Cleaner
15 399781s ø Seal-Oil (PTO Side) 187 791766 Line-Fuel
22 691092 Screw (Engine Sump) 188 691147 ø Screw (Control Bracket)
24 696549 Piston Assembly 190 690940 ø Screw (Fuel Tank)
25 795429 Piston Assembly 192 694543 Ball-Rocker Arm
26 795430 Piston Assembly 202 691303 Link-Mechanical Governor
27 795431 Piston Assembly 206 691851 Spring-Governor
27 795432 Piston Assembly 222 697614 Brake-Control
26 795431 Piston Assembly 227 691467 Control-Lever Governor
27 795432 Piston Assembly 238 691300 Cap-Valve
28 691664 Nut 259 691189 ø Washer-Sealing
29 694924 Rod-Connecting 267 690940 ø Washer-Sealing
29 694924 Rod-Connecting 287 690940 ø Screw (Distick Tube)
30 697590 Screw (Connecting Rod) 300 697590 ø Muffler
30A 697590 Screw (Connecting Rod) 304 695976 ø Housing-Blower
31 698542 Valve-Exhaust 305 691108 ø Screw (Blower Housing)
32 699642 Valve-Intake 306 691232 ø Shield-Cylinder
33 691304 Spring-Valve (Intake) 307 690345 ø Screw (Cylinder Shield)
34 691304 Spring-Valve (Exhaust) 332 690662 ø Nut (Flywheel)
35 691304 Spring-Valve (Exhaust) 333 802574 ø Armature-Magneto
36 793756 Guard-Flywheel 373 691997 ø Screw
37 694194 Retainer-Valve 384 690161 ø Armature-Magneto
38 694194 Retainer-Valve 394 690161 ø Armature-Magneto
40 690977 Tappet-Valve 337 692051 ø Plug-Spark
41 690977 Tappet-Valve 340 692051 ø Plug-Spark
46 694039 Camshaft 356 692390 ø Wire-Stop
48 692748 Short Block 358 795442 ø Gasket-Set-Engine
51 692668 ø+ Gasket-Intake 363 19069 ø Puller-Flywheel
51A 692555 ø+ Gasket-Intake 365 691112 ø Screw (Carburetor)
51B 697735 ø+ Gasket-Intake 383 19374 ø Wrench-Spark Plug
55 691421 Housing-Rewind Starter 404 690272 ø Washer (Governor Crank)
58 697316 Rope- Starter 425 690244 ø Screw (Air Cleaner Cover)
58 697316 Rope- Starter 443 690255 ø Screw (Air Cleaner Primer Base)
58 697316 Rope- Starter 443 690255 ø Screw (Air Cleaner Primer Base)
KEY PART NO. NO.  DESCRIPTION  KEY PART NO. NO.  DESCRIPTION
445 697029  Filter, Air Cleaner Cartridge  957 793606  Cap-Fuel Tank
455 791960  Cup-Flywheel  966 690243  Base-Air Cleaner Primer
456 692299  Plate-Pawl Friction  967 273356s  Filter-Pre Cleaner
459 281505a  Pawl-Ratchet  969 691138  Screw
505 691251  Nut (Governor Control Lever)  972 699374  Tank-Fuel
523 499621  Dipstick  975 493640  Bowl-Float
524 692236  • Seal-Dipstick Tube  976 694395  Primer-Carburetor
525 495285  Tube-Dipstick  977 792385  Set-Carburetor Gasket
562 92613  Bolt (Governor Control Lever)  993 694088  ✫ Gasket, Cylinder Head Plate
584 697734  Cover-Breather Passage  1022 691890  ✫ Gasket-Rocker Cover
585 691879  • Gasket-Breather Passage  1023 499624  Cover-Rocker Arm
592 690800  Nut (Rivot Starter)  1026 795444  Rod-Push
597 691696  Screw (Pawl Friction Plate)  1034 691343  Guide-Push Rod
601 791850  Clamp-Hose  1036 - - - Label-Emissions
608 497680  Starter-Rewind  (Available from an authorized Briggs & Stratton Service Dealer)
613 691108  Screw (Muffler)  613A 691140  Screw (Muffler)
615 690340  Retainer-Governor Shaft  1058 277102TRI Operator's Manual
616 698001  Crank-Governor  1059 692311  Kit-Screw/ Washer
619 691108  Screw  1059 792386  Set-Valve Gasket
621 692310  Switch-Stop (Pawl Friction Plate)  1210 498184  Assembly-Pulley/Spring
633 691321  Q† Seal-Throttle Shaft  1211 498144  Assembly-Pulley/Spring
635 66538s  Boot-Spark Plug  (Spring)
670 692294  Spacer-Fuel Tank  1329 125502-0025 Replacement Engine
684 690345  Screw (Breather Passage Cover)  (Replacement engine listed is not available in the State of California.)
689 691855  Spring-Friction  718 690959  Pin-Locating  Repair with individual parts.
741 794388  Gear-Timing  745 691648  Screw (Brake)  1330 272147  Repair Manual
830 694544  Stud (Rocker Arm)  842 691031  • Seal-O Ring (Dipstick Tube)  - - 398067 Spark Arrester
847 692047  Assembly-Dipstick/Tube  (available accessory)
851 493880s  Terminal-Spark Plug  • Included in Engine Gasket Set, Key No. 358
868 795440  ✫ Seal-Valve  Included in Carb. Overhaul Kit, Key No. 121
883 691893  ✫ Gasket-Exhaust  Included in Carb. Overhaul Kit, Key No. 977
886 696268  Cylinder Head/Plate  Included in Valve Gasket Set, Key No. 1095
914 691108  Screw (Rocker Cover)  + Included in Valve Gasket Set, Key No. 1095
914A 691127  Screw (Rocker Cover)  921 691465  Cover-Blower Housing
922 692135  Spring-Brake  923 695891  Brake

NOTE: All component dimensions given in U.S. inches. 1 inch = 25.4 mm

WARNING: This lawn mower is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered or grass-covered land unless the engine’s exhaust system is equipped with a spark arrester meeting applicable local or state laws (if any). If a spark arrester 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 arrester for the muffler is available through your nearest Husqvarna or other authorized service center (See the REPAIR PARTS section of this manual).
SAFETY RULES

IMPORTANT: This cutting machine is capable of amputating hands and feet and throwing objects. Failure to observe the following safety instructions could result in serious injury or death.

CAUTION!!! BECOME ALERT!!! YOUR SAFETY IS INVOLVED.

WARNING: In order to prevent accidental starting when setting up, transporting, adjusting or making repairs, always disconnect spark plug wire and place wire where it cannot come in contact with plug.

WARNING: Engine exhaust, some of its constituents, and certain vehicle components contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Battery posts, terminals 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.

CAUTION: Muffler and other engine parts become extremely hot during operation and remain hot after engine has stopped. To avoid severe burns on contact, stay away from these areas.

I. GENERAL OPERATION

- Read, understand, and follow all instructions on the machine and in the manual(s) before starting. Be thoroughly familiar with the controls and the proper use of the machine before starting.
- Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
- Only allow responsible individuals, who are familiar with the instructions, to operate the machine.
- Clear the area of objects such as rocks, toys, wire, bones, sticks, etc., which could be picked up and thrown by blade.
- Be sure the area is clear of other people before mowing. Stop the machine if anyone enters the area.
- Do not operate the mower when barefoot or wearing open sandals. Always wear substantial foot wear.
- Do not pull mower backwards unless absolutely necessary. Always look down and behind before and while moving backwards.
- Never direct discharged material toward anyone. Avoid discharging material against a wall or obstruction. Material may ricochet back toward the operator. Stop the blade when crossing gravel surfaces.
- Do not operate the mower without proper guards, plates, grass catcher or other safety protective devices in place.
- See manufacturer’s instructions for proper operation and installation of accessories. Only use accessories approved by the manufacturer.
- Stop the blade(s) when crossing gravel drives, walks, or roads.
- Stop the engine (motor) whenever you leave the equipment, before cleaning the mower or unclogging the chute.
- Shut the engine (motor) off and wait until the blade comes to complete stop before removing grass catcher.
- Mow only in daylight or good artificial light.
- Do not operate the machine while under the influence of alcohol or drugs.
- Never operate machine in wet grass. Always be sure of your footing: keep a firm hold on the handle; walk, never run.
- Disengage the self-propelled mechanism or drive clutch on mowers so equipped before starting the engine.
- If the equipment should start to vibrate abnormally, stop the engine (motor) and check immediately for the cause. Vibration is generally a warning of trouble.
- Always wear safety goggles or safety glasses with side shields when operating mower.

II. SLOPE OPERATION

Slopes are a major factor related to slip & fall accidents which can result in severe injury. All slopes require extra caution. If you feel uneasy on a slope, do not mow it.