

Owner's Manual

 **Husqvarna**

ROTARY LAWN MOWER

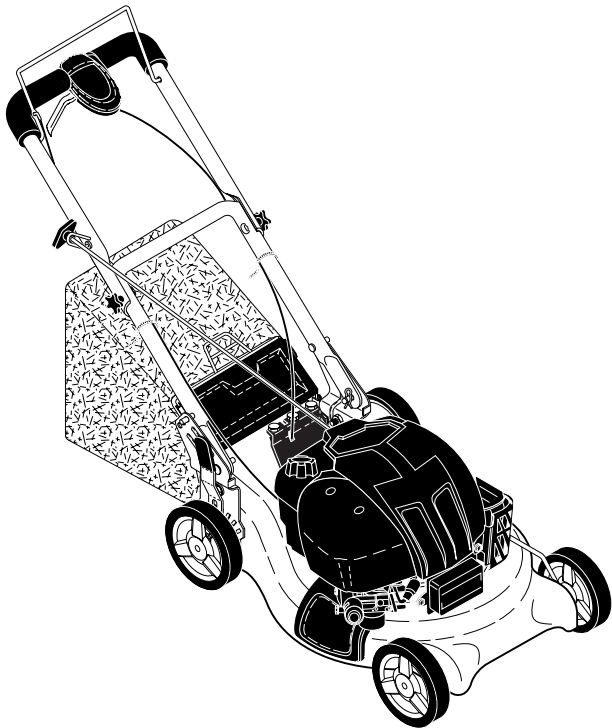
875 Series Briggs & Stratton Engine

Power-Propelled

21" Multi-Cut

Model No.

917.374456



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

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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.



- 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.

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.

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.

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.

III. 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.
- Be alert and turn machine off if children enter the area.
- Before and while walking backwards, look behind and *down* for small children.
- Never allow children to operate machine.
- Use extra care when approaching blind corners, shrubs, trees, or other objects that may obscure vision.

IV. 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 remove gas cap or add fuel with the engine running. Allow engine to cool before refueling.
- Never refuel the machine indoors.
- Never store the machine or fuel container where there is an open flame, spark or pilot light such as a water heater or on other appliances.

- Never fill containers inside a vehicle, 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.

V. GENERAL SERVICE

- Never run machine inside a closed area.
- Never make adjustments or repairs with the engine (motor) running. Disconnect the spark plug wire, and keep the wire away from the plug to prevent accidental starting.
- Keep nuts and bolts, especially blade attachment bolts, tight and keep equipment in good condition.
- Never tamper with safety devices. Check their proper operation regularly.
- Keep machine free of grass, leaves, or other debris build-up. Clean oil or fuel spillage. Allow machine to cool before storing.
- Stop and inspect the equipment if you strike an object. Repair, if necessary, before restarting.
- Never attempt to make wheel height adjustments while the engine is running.
- 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.
- Maintain or replace safety and instruction labels, as necessary.

⚠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).

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, handheld 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/boot 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 tines;
- (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 stale 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 OF 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.

Some states do not allow the exclusion of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

SECTION 5: CUSTOMER RESPONSIBILITIES

The product must exhibit reasonable care, maintenance, operation, storage and general upkeep as written in the maintenance section of the Owner's/Operator's manual. Should an operational problem or failure occur, the product should not be used, but delivered as is to an authorized Husqvarna dealer for evaluation. Proof of purchase, as explained in section 6, rests solely with the customer.

SECTION 6: PROCEDURE TO OBTAIN WARRANTY CONSIDERATION

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, serial 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 Statesville Road
Charlotte, NC 28269
531 83 81-23 2002

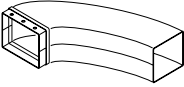

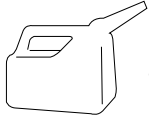
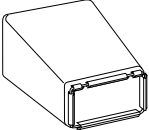

PRODUCT SPECIFICATIONS

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.
<ul style="list-style-type: none"> 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. 	

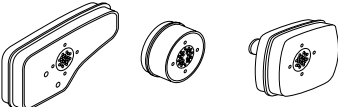
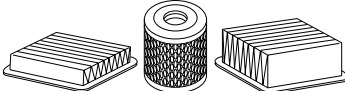

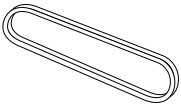
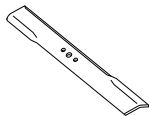
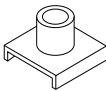


ACCESSORIES

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

	<p>CLIPPING DEFLECTORS FOR REAR DISCHARGE LAWN MOWERS</p>		<p>STABILIZER</p>		<p>GAS CANS</p>
	<p>GRASS CATCHERS FOR REAR DISCHARGE LAWN MOWERS</p>		<p>GRASS CATCHERS FOR SIDE DISCHARGE LAWN MOWERS</p>		

LAWN MOWER MAINTENANCE

	<p>MUFFLERS</p>			<p>AIR FILTERS</p>			<p>SPARK PLUGS</p>		
									
<p>BELTS</p>		<p>BLADES</p>		<p>BLADE ADAPTERS</p>		<p>WHEELS</p>		<p>ENGINE OIL</p>	

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.

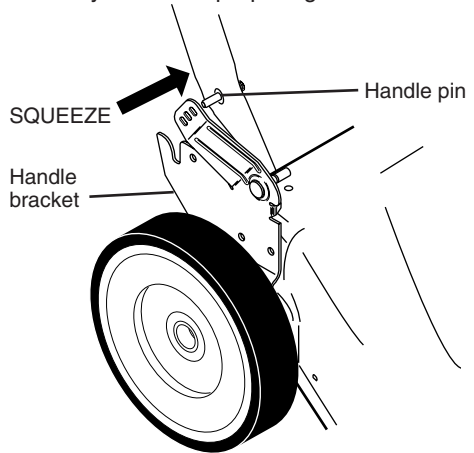
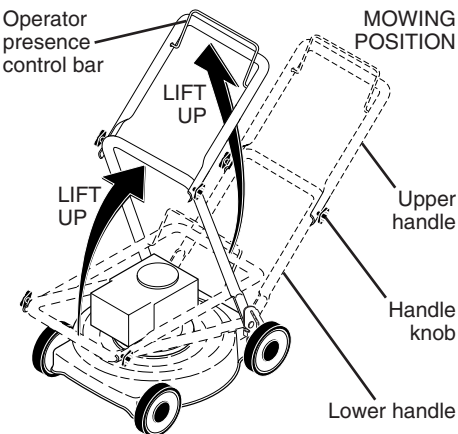
HOW TO SET UP YOUR MOWER

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.
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.

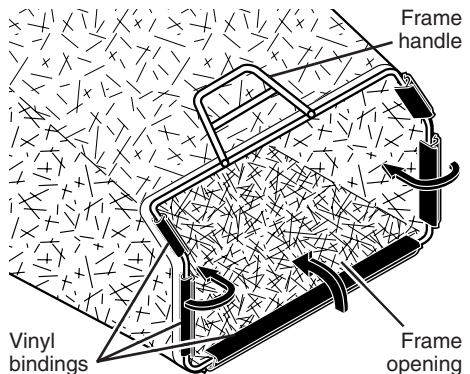


TO ASSEMBLE GRASS CATCHER

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

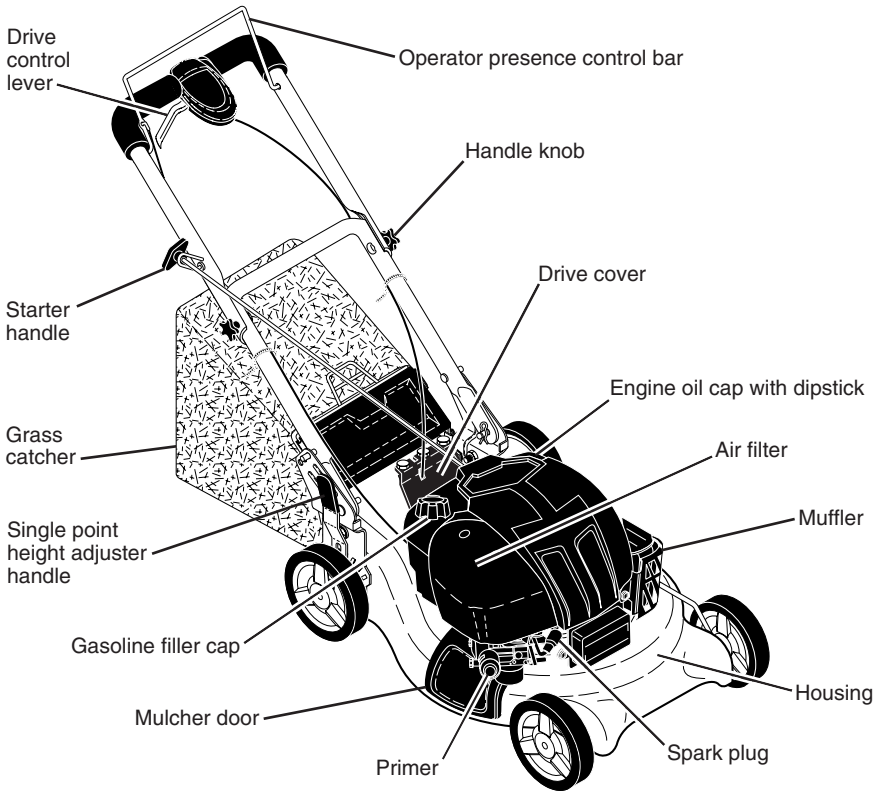
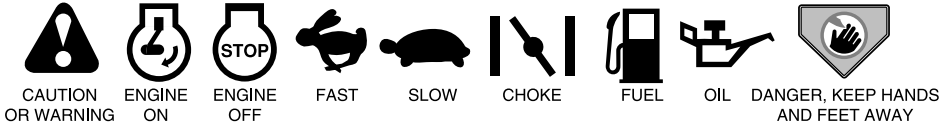
Your lawn mower was shipped ready to be used as a mulcher. To convert mower to bagging or discharging, see "TO CONVERT MOWER" in the Operation section of this manual.

OPERATION

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.



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.



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.

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

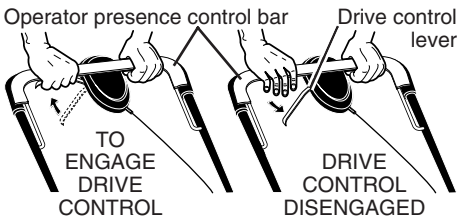
CAUTION: Federal regulations require an engine control to be installed on this lawn mower in order to minimize the risk of blade contact injury. Do not under any circumstances attempt to defeat the function of the operator control. The blade turns when the engine is running.

- 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.

DRIVE CONTROL

- Self-propelling is controlled by holding the operator presence control bar down to the handle and pulling the drive control lever rearward to the handle. The farther toward the handle the lever is pulled, the faster the unit will travel.
- Forward motion will stop when either the operator presence control bar or drive control lever are released. To stop forward motion without stopping engine, release the drive control lever only. Hold operator presence control bar down against handle to continue mowing without self-propelling.

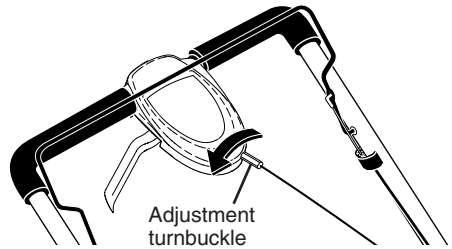
NOTE: If after releasing the drive control the mower will not roll backwards, push the mower forward slightly to disengage drive wheels.



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:

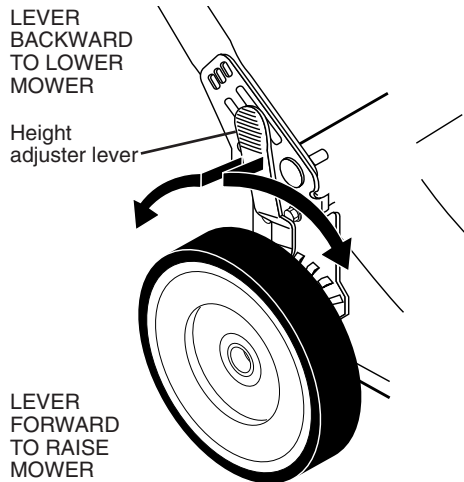
- Turn unit off and disconnect spark plug wire from spark plug.
- Rotate turnbuckle on drive control to increase drive speed.
- Operate mower to test drive speed. Readjust as required.
- If condition fails to improve after the above steps (forward speed remains the same), your drive belt is worn and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



TO ADJUST CUTTING HEIGHT

All four wheels are adjusted by a single lever.

- Pull adjuster lever toward wheel. To raise mower, move lever forward to desired position. To lower mower, move the lever toward the rear.

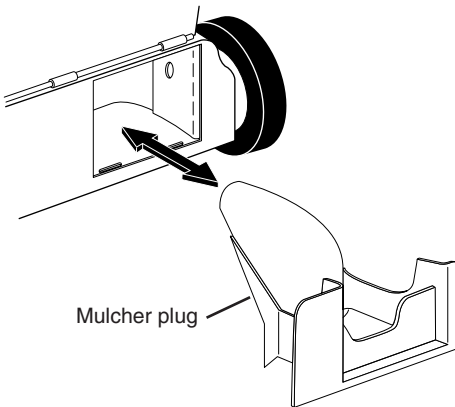


TO CONVERT MOWER

Your lawn mower was shipped ready to be used as a mulcher. To convert to bagging or discharging:

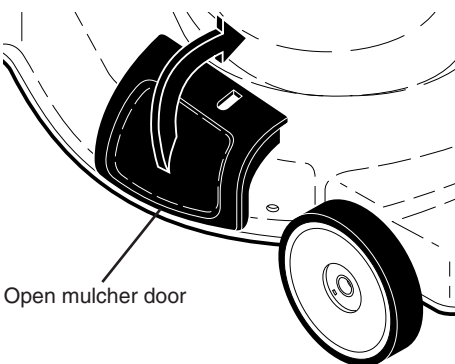
REAR BAGGING

- 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.

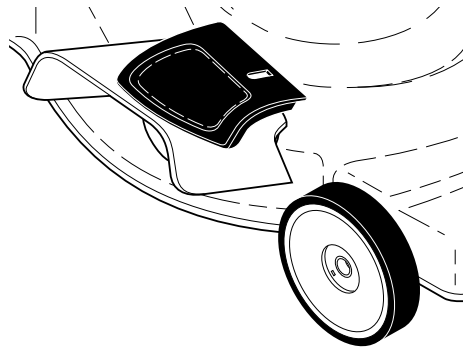
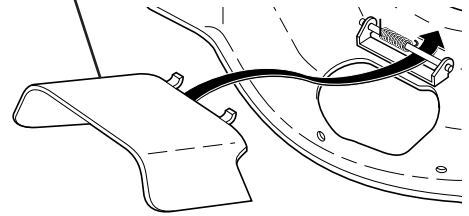


SIDE DISCHARGING

- 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.



Discharge deflector



SIMPLE STEPS TO REMEMBER WHEN CONVERTING YOUR LAWN MOWER

FOR MULCHING -

1. Rear mulcher plug installed.
2. Mulcher door closed.

FOR REAR BAGGING -

1. Rear mulcher plug removed.
2. Grass catcher installed.
3. Mulcher door closed.

FOR SIDE DISCHARGING -

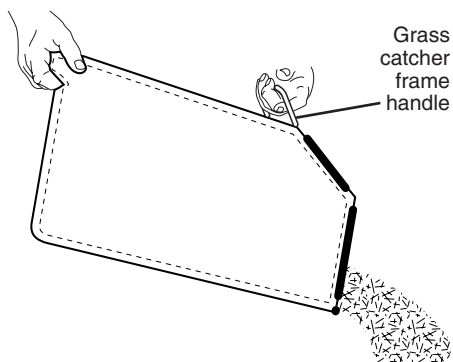
1. Rear mulcher plug installed.
2. Discharge deflector installed.

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 *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.
- NOTE:** Do not remove the silver foil seal on the side of cartridge that snaps into 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.

⚠ 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.

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.

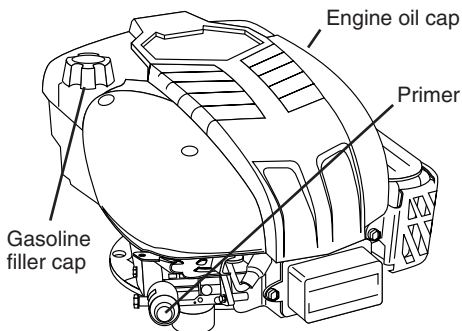
1. Be sure lawnmower is level.
2. Remove oil dipstick from oil fill spout.
3. You receive a container of oil with the unit. Slowly pour the entire container down the oil fill spout into the engine.

NOTE: Initial oil fill requires only 18 oz. due to residual oil in engine from the manufacturers 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.



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.

⚠ CAUTION: 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 gas 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 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

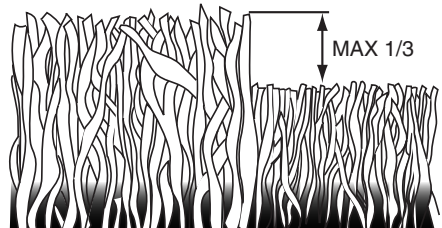
⚠ CAUTION: Do not use de-thatcher blade attachments on your mower. Such attachments are hazardous, will damage your mower and could void your warranty.

- 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
LAWN MOWER	Check for Loose Fasteners	✓					✓
	Clean / Inspect Grass Catcher *	✓	✓				✓
	Check Tires	✓					
	Check Drive Wheels ***	✓					
	Clean Lawn Mower ****		✓				✓
ENGINE	Clean under Drive Cover ***			✓			
	Check Drive Belt / Pulleys ***				✓		
	Check / Sharpen / Replace Blade				✓ ₃		
	Lubrication				✓		
	Clean and Recharge Battery **				✓		✓ ₄
ENGINE	Check Engine Oil level	✓ ₅					
	Change Engine Oil				✓ _{1,2}		
	Clean Air Filter				✓ ₂		
	Inspect Muffler				✓		
	Replace Spark Plug					✓	
	Replace Air Filter Paper Cartridge					✓ ₂	
	Empty fuel system or add Stabilizer						✓

* (if so equipped)

** Electric-Start mowers

*** Power-Propelled mowers

**** Use a scraper to clean under deck

1 - Change more often if operating under a heavy load or in high outdoor temperatures.

2 - Service more often if operating in dirty or dusty conditions.

3 - Replace blades more often when mowing in sandy soil.

4 - Charge 48 hours at end of season.

5 - And after each 5 hours of use.

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 and clean/new air filter element assure proper air-fuel mixture and help your engine run better and last longer.
- Follow the maintenance schedule in this manual.

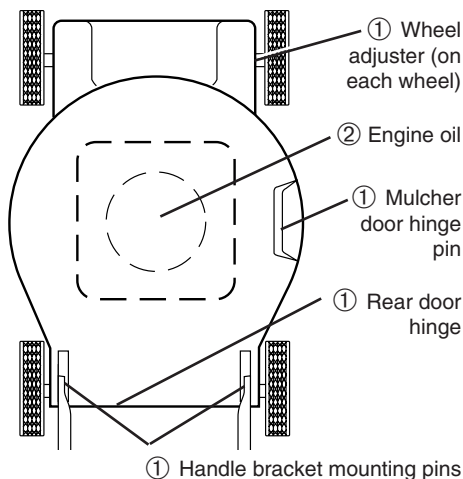
BEFORE EACH USE

- Check engine oil level.
- Check for loose fasteners.

LUBRICATION

Keep unit well lubricated (See "LUBRICATION CHART").

LUBRICATION CHART



- ① Spray lubricant
- ② See "ENGINE" in Maintenance section.

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.

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 before 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.

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.

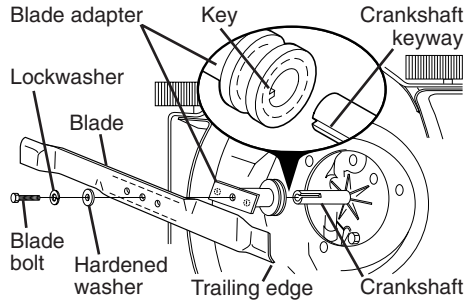
NOTE: Protect your hands with gloves and/or wrap blade with heavy cloth.

4. Remove blade bolt by turning counter-clockwise.
5. Remove blade & attaching hardware (bolt, lock washer & hardened washer).

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.
- The recommended tightening torque is 35-40 ft. lbs.

IMPORTANT: Blade bolt is heat treated. If bolt needs replacing, replace only with approved bolt shown in the Repair Parts section of this manual.



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.

GRASS CATCHER

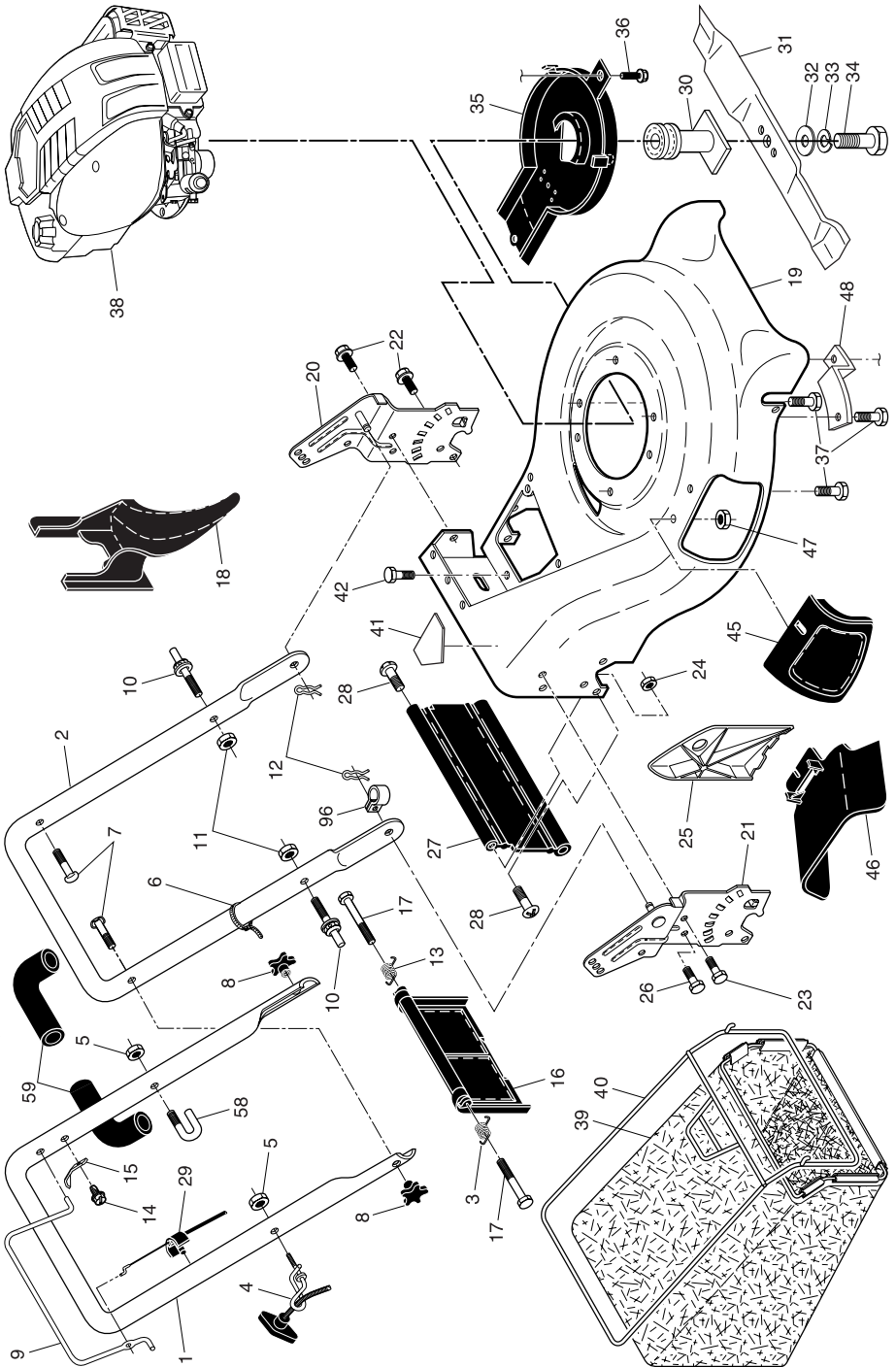
- The grass catcher may be hosed with water, but must be dry when used.
- Check your grass catcher often for damage or deterioration. Through normal use it will wear. If catcher needs replacing, replace only with approved replacement catcher shown in the Repair Parts section of this manual. Give the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

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.

REPAIR PARTS

HUSQVARNA ROTARY LAWN MOWER -- MODEL NUMBER 917.374456



HUSQVARNA ROTARY LAWN MOWER -- MODEL NUMBER 917.374456

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	199982	Upper Handle Assembly (Includes Foam Grip)	29	191221	Cable, Operator Presence
2	193664X498	Handle, Lower	30	189179	Blade Adapter / Pulley
3	405416	Spring, Rear Door, RH	31	406712	Blade, 21"
4	194788	Rope Guide	32	851074	Washer
5	132004	Nut, Hex, with Lockwasher Insert 1/4-20	33	850263	Washer, Lock
6	66426	Wire, Tie	34	851084	Bolt, Hex Head
7	191574	Bolt, Handle 5/16-18 x 2-5/8	35	405843	Debris Shield
8	185588	Knob, Handle	36	192325	Bolt
9	194580X422	Control Bar	37	150406	Bolt, Engine
10	188821	Pin, Handle Adjustment	38	---	Engine, Briggs & Stratton, Model Number 128602-1102-E1 (See Breakdown)
11	751153	Nut, Hex	39	409726	Grassbag
12	51793	Cotter, Hairpin	40	411951	Frame, Grassbag
13	405415	Spring, Rear Door, LH	41	404763	Danger Decal
14	750634	Screw	42	54583	Screw
15	850733X004	Bracket, Upstop	45	183058X418	Mulcher Door Assembly
16	401815X428	Rear Door Assembly	46	169699X418	Discharge Guard
17	184193	Bolt, Rear Door	47	88349	Nut, Hex
18	198170	Plug, Mulcher	48	188839X004	Mounting Bracket, Debris Shield
19	410453	Kit, Housing	58	182003	Clip, Packaging
20	193917X422	Handle Bracket Assembly, LH	59	182748	Grip, Foam
21	193916X422	Handle Bracket Assembly, RH	96	197991	Clip, Cable
22	150078	Screw, Hex Washer Head	--	404764	Warning Decal (not shown)
23	163183	Bolt, Hex Head 5/16-18 x 5/8	--	419903	Owner's Manual, English / Spanish
24	73800500	Nut, Hex, with Lockwasher Insert 5/16-18	Available accessories not included with lawn mower:		
25	161333	Baffle, Side	--	71 33623	Gas Can (2.5 Gallon Container)
26	163409	Screw, Hi-Lo Thread #12 x 5/8	--	71 33500	Fuel Stabilizer
27	408442	Skirt, Rear	--	71 33000	SAE 30W Oil (20 Ounce Bottle)
28	88652	Screw, Hinge 1/4-20 x 1.25			

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

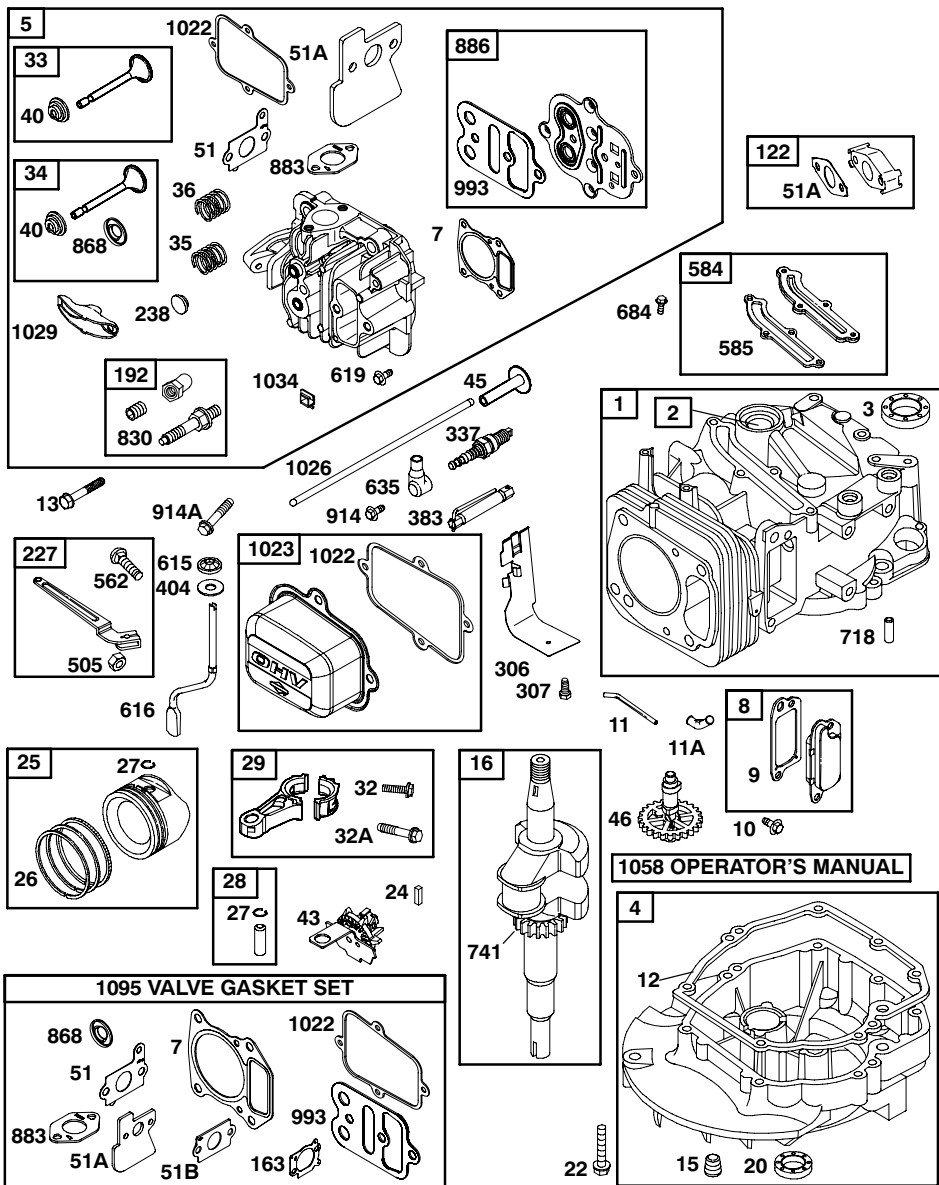
IMPORTANT: Use only Original Equipment Manufacturer (O.E.M.) replacement parts. Failure to do so could be hazardous, damage your lawn mower and void your warranty.

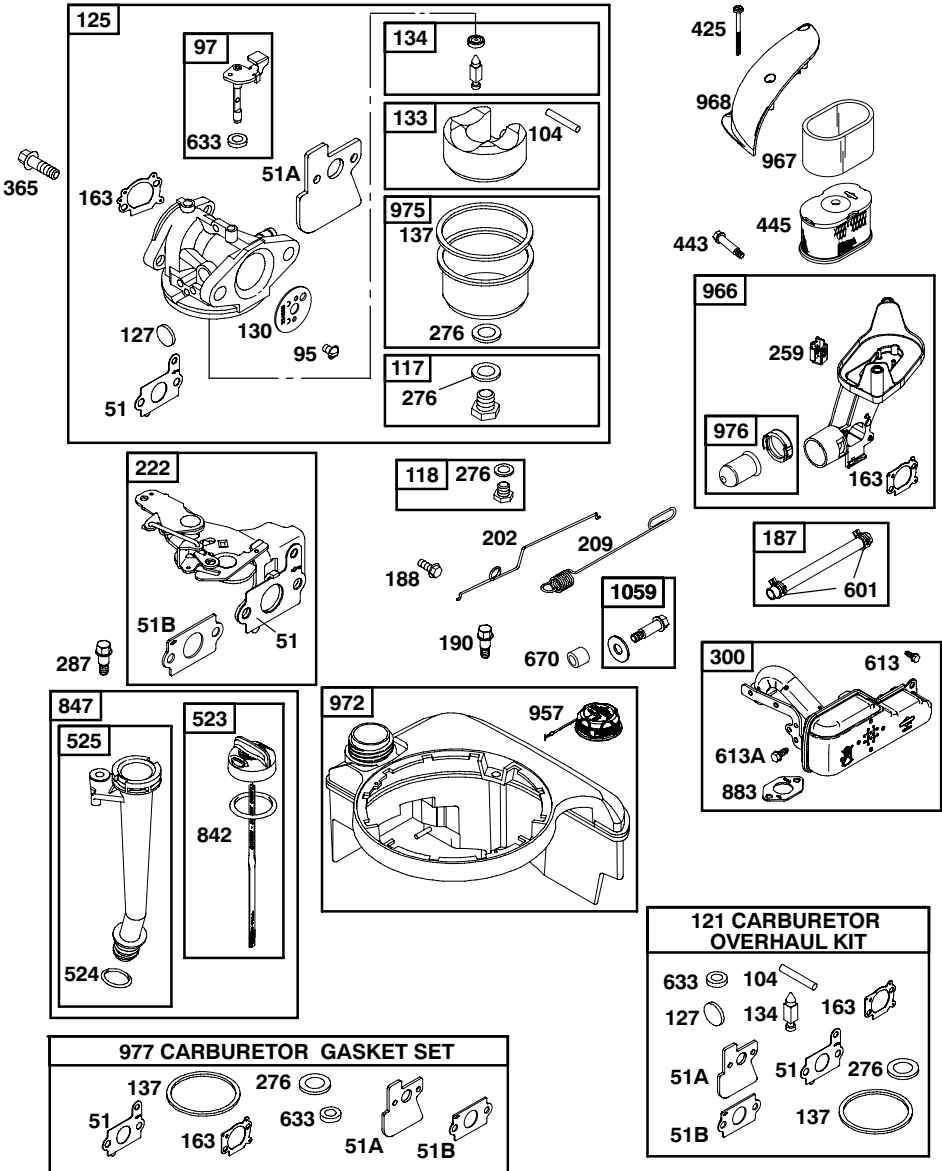
HUSQVARNA ROTARY LAWN MOWER -- MODEL NUMBER 917.374456

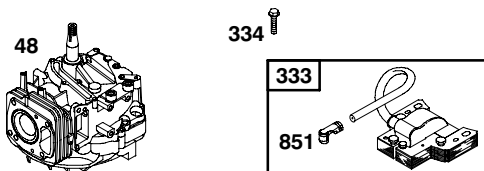
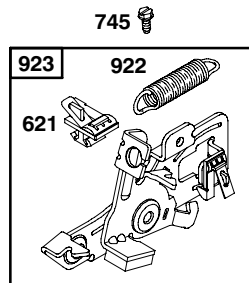
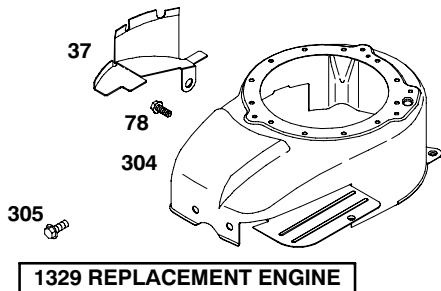
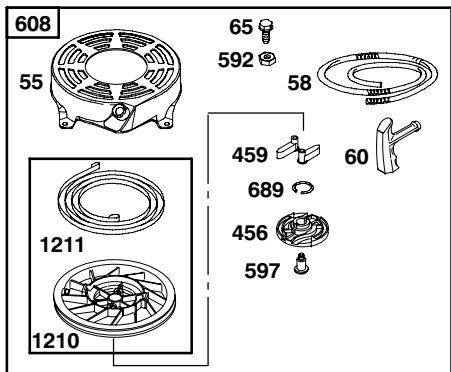
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	407344	Drive Control Assembly	25	199775X418	Cover Drive	47	67725	Washer, Flat
2	406260X460	Cover, Top	26	750634	Screw, Threaded, Rolled #10-25 x .50	49	163409	Screw, Hi-Lo Thread Belt Keeper
3	406262	Pulley	28	12000058	E-Ring 7/16	50	404832X004	Case, Upper
4	190039	Lever, Drive Control	29	189403	Cover, Dust, Wheel	61	412757	Shaft, Output, Long
5	406261X460	Cover, Bottom	31	404845	Pawl	62	183508	Seal, Output Shaft
6	181698	Screw	32	405746X460	Wheel & Tire Assembly, Rear 8 x 1-3/4	63	183511	Bushing
7	400235X479	Mounting Bracket	33	409148	Nut, Flangelock 3/8-16	64	183509	Washer
9	406258	Cable, Drive	34	851226	Washer	65	183514	Seal, Worm Shaft
11	406558	Spring, Return	35	403102X004	Shaft Assembly, Rear	66	183506	Bearing, Ball
13	404839	Gear Case Assembly	36	407175X004	Shaft Assembly, Front	67	412742	Gear, 28 Teeth
14	193443	Pulley, Drive	37	161463	Retainer, Front Shaft	68	412739	Fixed Dog Clutch, LH
15	88348	Washer, Flat	38	163409	Screw #12 x 5/8	69	412741	Pin, Output Shaft
16	407147	Rod, Connecting	39	407059	Bolt, Shoulder, Semi-Gimlett Point	70	412740	Movable Dog Clutch, LH
17	409616	Spring, Extension	40	401273X460	Wheel & Tire Assembly, Front 8 x 1-3/4	71	412756	Shaft, Output, Short
18	418835X004	Spring, Selector	41	404835	Pinion	72	183513	Screw, Case
19	189808X418	Knob, Selector Spring	42	197480	O-Ring	73	412747	Case, Lower
20	12000022	E-Ring 7/8	44	406580	V-Belt 1/4-20 x 3/4	75	412746	Pin, Worm Shaft
21	404838	Bearing, Support				76	412743	Movable Dog Clutch, RH
22	191039	Bearing, Ball				77	412744	Fixed Dog Clutch, RH
23	161118X004	Retainer, Drive Assembly				78	410731	Spring, Leaf
24	17060410	Screw, Tapping, Hex Head 1/4-20 x 3/4				79	412737	Shaft, Worm

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

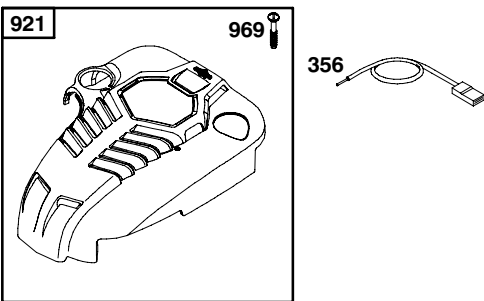
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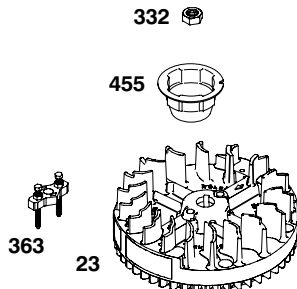
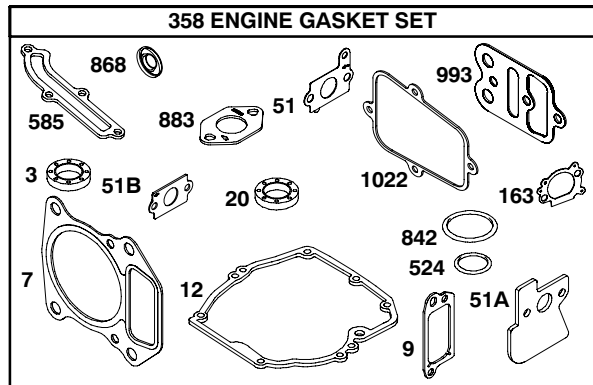




1036 EMISSIONS LABEL



1330 REPAIR MANUAL



KEY PART NO.	NO.	DESCRIPTION	KEY PART NO.	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	∅ Pin-Float Hinge
7	697230	+ Gasket-Cylinder Head	117	498981	Jet-Main (Standard)
8	495786	Breather Assembly	118	498978	Jet-Main (High Altitude)
9	699833	• Gasket-Breather	121	792383	Kit-Carburetor Overhaul
10	691125	Screw (Breather Assembly)	122	792382	Spacer-Carburetor
11	691781	Tube-Breather	125	790120	Carburetor
11A	692937	Tube-Breather	127	694468	∅ Plug-Welch
12	692232	• Gasket-Crankcase	130	696564	Valve-Throttle
13	691137	Screw (Cylinder Head)	133	398187	Float-Carburetor
15	691680	Plug-Oil Drain	134	398188	∅ Valve-Needle/Seat
16	691456	Crankshaft	137	693981	∅‡ Gasket-Float Bowl
20	399781s	• Seal-Oil (PTO Side)	163	691894	•∅‡+ Gasket-Air Cleaner
22	691092	Screw (Engine Sump)	187	791766	Line-Fuel (Cut to Required Length)
23	697610	Flywheel	188	691147	Screw (Control Bracket)
24	222698s	Key-Flywheel	190	690940	Screw (Fuel Tank)
25	795429	Piston Assembly (Standard Size)	192	694543	Ball-Rocker Arm
	795430	Piston Assembly (.020" Oversize)	202	691303	Link-Mechanical Governor
26	795431	Ring Set (Standard)	209	691851	Spring-Governor
	795432	Ring Set (.020" Oversize)	222	697614	Bracket-Control
27	691866	Lock-Piston Pin	227	691467	Control Lever-Governor
28	499423	Pin-Piston	238	691300	Cap-Valve
29	499424	Rod-Connecting	259	691189	Bracket-Casing Clamp
32	691664	Screw (Connecting Rod)	276	271716	∅‡ Washer-Sealing
32A	695759	Screw (Connecting Rod)	287	690940	Screw (Dipstick Tube)
33	499642	Valve-Exhaust	300	697590	Muffler
34	499641	Valve-Intake	304	695976	Housing-Blower
35	691304	Spring-Valve (Intake)	305	691108	Screw (Blower Housing)
36	691304	Spring-Valve (Exhaust)	306	691232	Shield-Cylinder
37	793756	Guard-Flywheel	307	690345	Screw (Cylinder Shield)
40	692194	Retainer-Valve	332	690662	Nut (Flywheel)
43	691997	Slinger-Governor/Oil	333	802574	Armature-Magneto
45	690977	Tappet-Valve	334	691061	Screw (Armature Magneto)
46	694039	Camshaft	337	692051	Plug-Spark
48	692748	Short Block	356	692390	Wire-Stop
51	692668	•∅‡+ Gasket-Intake	358	795442	Gasket Set-Engine
51A	692555	•∅‡+ Gasket-Intake	363	19069	Puller-Flywheel
51B	697735	•∅‡+ Gasket-Intake	365	691129	Screw (Carburetor)
55	691421	Housing-Rewind Starter	383	19374s	Wrench-Spark Plug
58	697316	Rope-Starter (Cut to Required Length)	404	690272	Washer (Governor Crank)
60	281434s	Grip-Starter Rope	425	690244	Screw (Air Cleaner Cover)
			443	690255	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	281505s	Pawl-Ratchet	968	691342	Cover-Air Cleaner
505	691251	Nut (Governor Control Lever)	969	691138	Screw (Blower Housing Cover)
523	499621	Dipstick	972	699374	Tank-Fuel
524	692296	• Seal-Dipstick Tube	975	493640	Bowl-Float
525	495265	Tube-Dipstick	976	694395	Primer-Carburetor
562	92613	Bolt (Governor Control Lever)	977	792385	Set-Carburetor Gasket
584	697734	Cover-Breather Passage	993	694088	*+ Gasket, Cylinder Head Plate
585	691879	• Gasket-Breather Passage	1022	691890	*+ Gasket-Rocker Cover
592	690800	Nut (Rewind Starter)	1023	499624	Cover-Rocker Arm
597	691696	Screw (Pawl Friction Plate)	1026	795444	Rod-Push
601	791850	Clamp-Hose	1029	691230	Arm-Rocker
608	497680	Starter-Rewind	1034	691343	Guide-Push Rod
613	691108	Screw (Muffler)	1036	- - -	Label-Emissions (Available from an authorized Briggs & Stratton Service Dealer)
613A	691140	Screw (Muffler)	1058	277102TRI	Operator's Manual
615	690340	Retainer-Governor Shaft	1059	692311	Kit-Screw/Washer
616	698801	Crank-Governor	1095	792386	Set-Valve Gasket
619	691108	Screw (Cylinder Head Plate)	1210	498144	Assembly-Pulley/Spring (Pulley)
621	692310	Switch-Stop	1211	498144	Assembly-Pulley/Spring (Spring)
633	691321	Ø‡ Seal-Throttle Shaft	1329	12S502-0025	Replacement Engine (Replacement engine listed is not available in the State of California. Repair with individual parts.)
635	66538s	Boot-Spark Plug	1330	272147	Repair Manual
670	692294	Spacer-Fuel Tank	- -	398067	Spark Arrester (available accessory)
684	690345	Screw (Breather Passage Cover)	•	Included in Engine Gasket Set, Key No. 358	
689	691855	Spring-Friction	Ø	Included in Carb. Overhaul Kit, Key No. 121	
718	690959	Pin-Locating	‡	Included in Carb. Gasket Set, Key No. 977	
741	794388	Gear-Timing	+	Included in Valve Gasket Set, Key No. 1095	
745	691648	Screw (Brake)			
830	694544	Stud (Rocker Arm)			
842	691031	• Seal-O Ring (Dipstick Tube)			
847	692047	Assembly-Dipstick/Tube			
851	493880s	Terminal-Spark Plug			
868	795440	*+ Seal-Valve			
883	691893	*+ Gasket-Exhaust			
886	696268	Gasket Kit, Cylinder Head/Plate			
914	691108	Screw (Rocker Cover)			
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

Engine Power Rating Information

The gross power rating for individual gas engine models is labeled in accordance with SAE (Society of Automotive Engineers) code J11940 (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.

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