SAFETY RULES

Safe Operation Practices for Walk-Behind Mowers

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.

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 the blade.
- Be sure the area is clear of other people before mowing. Stop 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, before 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 and walk; never run.
- Disengage the self-propelled mechanism or drive clutch on mowers so equipped before starting the engine (motor).
- 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 and 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 the 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.
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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 LAWN 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 LAWN MOWER TO UNFOLD HANDLE (See Fig. 1)
IMPORTANT: UNFOLD HANDLE CAREFULLY SO AS NOT TO PINCH OR DAMAGE CONTROL CABLES.
1. Raise handles until lower handle section locks into place in mowing position.
2. Remove protective padding, raise upper handle section into place on lower handle and tighten both handle knobs.
3. Remove handle padding holding operator presence control bar to upper handle.
Your handles may be adjusted for your mowing comfort. Refer to “ADJUST HANDLE” in the Service and Adjustments section of this manual.

TO ASSEMBLE GRASS CATCHER (See Fig. 2)
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.

TO PREPARE BATTERY (See Fig. 3)
NOTE: Your battery must be charged before you can start your lawn mower.
1. Connect battery charger connector (male) to harness connector (female).
2. Plug battery charger into 110 volt A.C. outlet.
3. Leave battery charger connected for 24 hours before starting your engine for the first time.
4. After charging, disconnect harness connector (female) from battery charger connector (male).
Connect your battery charger to charge battery as required.
IMPORTANT: THE ENGINE WILL NOT RECHARGE YOUR BATTERY. AT THE END OF THE MOWING SEASON THE BATTERY SHOULD BE CHARGED FOR 48 HOURS TO PROTECT THE BATTERY DURING WINTER STORAGE.

CAUTION: Always disconnect the engine connector (male) from the battery connector (female) to prevent accidental starting when transporting or storing your lawn mower after the season.
KNOW YOUR LAWN MOWER

READ THIS OWNER'S MANUAL AND 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

Our 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.

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

MEETS CPSC SAFETY REQUIREMENTS

Our 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.

AUXILIARY STARTER HANDLE - used for starting the engine.
PRIMER - pumps additional fuel from the carburetor to the cylinder for use when starting a cold engine.
MULCHER DOOR - allows conversion to discharge or bagging operation.

OPERATOR PRESENCE CONTROL BAR - must be held down to the handle to start the engine. Release to stop the engine.
DRIVE CONTROL BAR - used to engage power-propelled forward motion of lawn mower.
KEY START SWITCH - used for starting the engine.
HOW TO USE YOUR LAWN MOWER

ENGINE SPEED
The engine speed was set at the factory for optimum performance. Speed 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 mower handle to start and operate the mower.

TO OPERATE DRIVE SYSTEM (See Fig. 4)
• To start forward motion, lift drive control bar up to handle.
• To stop forward motion, release drive control bar.
IMPORTANT: ALWAYS KEEP DRIVE CONTROL FULLY ENGAGED AGAINST HANDLE WHEN IN USE.

TO ADJUST CUTTING HEIGHT (See Fig. 5)
Raise wheels for low cut and lower wheels for high cut, adjust cutting height to suit your requirements. Medium position is best for most lawns.
• To change cutting height, squeeze adjuster lever toward wheel. Move wheel up or down to suit your requirements. Be sure all wheels are in the same setting.

NOTE: Adjuster is properly positioned when plate tab inserts into hole in lever. Also, 9-position adjusters (if so equipped) allow lever to be positioned between the plate tabs.

TO CONVERT MOWER
Your lawn mower was shipped ready to be used as a mulcher. To convert to bagging or discharging:
REAR BAGGING (See Fig. 6)
• 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.

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 standard safety glasses or a wide vision safety mask over spectacles.
OPERATION

SIDE DISCHARGING (See Fig. 7)
- 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.

TO EMPTY GRASS CATCHER (See Fig. 8)
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.

BEFORE STARTING ENGINE
ADD OIL (See Fig. 9)
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.

1. Be sure lawnmower is level.
2. Remove oil dipstick from oil fill spout.
3. Engine holds 20 ounces of oil. For type and grade of oil to use, see “ENGINE” in the Maintenance section of this manual.
4. Pour oil slowly. Do not overfill. Wait one minute to allow oil to settle. Insert and tighten dipstick, then remove it to check oil level.

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.
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 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 (See Fig. 10). 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.

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 turn the start key.

IMPORTANT: DO NOT CRANK ENGINE MORE THAN FIVE CONTINUOUS SECONDS BETWEEN EACH TIME YOU TRY TO START. WAIT 5 TO 10 SECONDS BETWEEN EACH ATTEMPT.

• To start engine using the rope starter, follow the steps above. Exchange the use of the starter rope for start key. 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.
MAINTENANCE

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<th>AFTER EACH USE</th>
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<th>EVERY 25 HOURS OR SEASON</th>
<th>EVERY 100 HOURS</th>
<th>BEFORE STORAGE</th>
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<tbody>
<tr>
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<td>Empty fuel system or add Stabilizer</td>
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</table>

*(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 mower 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

1. Check engine oil level.
2. Check for loose fasteners.

LUBRICATION

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

**IMPORTANT:** DO NOT OIL OR GREASE PLASTIC WHEEL BEARINGS. VISCIOUS LUBRICANTS WILL ATTRACT DUST AND DIRT THAT WILL SHORTEN THE LIFE OF THE SELF-LUBRICATION BEARINGS. IF YOU FEEL THEY MUST BE LUBRICATED, USE ONLY A DRY, POWDERED GRAPHITE TYPE LUBRICANT SPARINGLY.

LUBRICATION CHART

1. Wheel Adjuster (On Each Wheel)
2. Engine Oil
3. Mulch Door Hinge Pin
4. Rear Door Hinge
5. Handle Bracket Mounting Pins
6. Spray Lubricant

SEE “ENGINE” IN MAINTENANCE SECTION
MAINTENANCE

LAWN MOWER
Always observe safety rules when performing maintenance.

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

DRIVE WHEELS
Check front 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 front wheels.
1. Remove hubcaps, locknuts and washers.
2. Remove wheels from wheel adjusters.
3. Remove any trash or grass cuttings from inside the
dust cover, pinion and/or drive wheel gear teeth.
4. Put wheels back in place.
NOTE: If after cleaning, the drive wheels do not turn freely,
contact a qualified service center.

BLADE CARE
For best results, mower 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 (See Fig. 11)
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 and attaching hardware (bolt, lock
washer and hardened washer).
NOTE: Remove the blade adapter and check the key inside
hub of blade adapter. The key must be in good condition
to work properly. Replace adapter if damaged.

TO REPLACE BLADE (See Fig. 11)
1. Position the blade adapter on the engine crankshaft.
Be sure key in adapter and crankshaft keyway are
aligned.
2. Position the blade on the blade adapter aligning the
two (2) holes in the blade with the raised lugs on the
adapter.
3. Be sure the trailing edge of blade (opposite sharp
edge) is up toward the engine.
4. Install the blade bolt with the lock washer and hardened
washer into blade adapter and crankshaft.
5. 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 blade - but if
you do, be sure the blade is balanced.
Care should be taken to keep the blade balanced. An
unbalanced blade will cause eventual damage to lawn
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.

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 ELF Multis EP00. 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 deter-
rioration. Through normal use it will wear. If catcher
needs replacing, replace only with approved replace-
ment catcher shown in the Repair Parts section of this
manual. Give the mower model number when ordering.
MAINTENANCE

ENGINE
LUBRICATION
Use only high quality detergent oil rated with API service classification SG–SL. Select the oil’s SAE viscosity grade according to your expected operating temperature.

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<thead>
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<tr>
<td>SAE 5W-30</td>
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<tr>
<td>SAE 10W-30</td>
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<tr>
<td>SAE 30</td>
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</tbody>
</table>

F  -20  0  30  60  90  120
C -30 -20 0 30 60 90 120

NOTE: Multi-viscosity oils (5W30, 10W30 etc.) improve starting in cold weather, and you should check your engine oil level frequently to avoid possible engine damage from running low on oil.

Change the oil after every 25 hours of operation or at least once a year if the lawn mower is not used for 25 hours in one year. Check the crankcase oil level before starting the engine and after each five (5) hours of continuous use. Tighten oil plug securely each time you check the oil level.

TO CHANGE ENGINE OIL (See Fig. 12)
NOTE: Before tipping lawn mower to drain oil, empty fuel tank by running engine until fuel tank is empty.
1. Disconnect spark plug wire from spark plug and place wire where it cannot come in contact with plug.
2. Remove engine oil cap; lay aside on a clean surface.
3. Tip lawn mower on its side as shown and drain oil into a suitable container. Rock lawn mower back and forth to remove any oil trapped inside of engine.

4. Wipe off any spilled oil from mower or side of engine.
5. Slowly pour oil down the oil fill spout, stopping every few ounces to check the oil level with the dipstick.
6. Stop adding oil when you reach the FULL mark on the dipstick. Wait a minute to allow oil to settle.
7. Continue adding small amounts of oil, rechecking the dipstick until oil level settles at FULL. DO NOT overfill, or engine will smoke heavily from the muffler on startup.
8. Always be sure to retighten dipstick before restarting engine.
9. Reconnect spark plug wire to spark plug.

AIR FILTER (See Fig. 13)
Your engine will not run properly and may be damaged by using a dirty air filter. Replace the air filter cartridge every 100 hours of operation or every season, whichever occurs first. Service air cleaner more often under dusty conditions.

TO CLEAN AIR FILTER
1. Loosen screw and tilt cover to remove.
2. Carefully remove cartridge.
3. Clean by gently tapping on a flat surface. If very dirty, replace cartridge.

4. Install cartridge, then replace cover making sure the tabs are aligned with the slots in the back plate. Fasten screw securely.

MUFFLER
Inspect and replace corroded muffler as it could create a fire hazard and/or damage.

SPARK PLUG
Replace spark plug at the beginning of each mowing season or after every 100 hours of operation, whichever occurs first. Spark plug type and gap setting are shown in the “PRODUCT SPECIFICATIONS” section of this manual.

CLEANING
IMPORTANT: FOR BEST PERFORMANCE, KEEP MOWER HOUSING FREE OF BUILT-UP GRASS AND TRASH. CLEAN THE UNDERSIDE OF YOUR MOWER AFTER EACH USE.

CAUTION: Disconnect spark plug wire from spark plug and place wire where it cannot come in contact with plug.

• Clean the underside of your lawn mower by scraping to remove build-up of grass and trash.
• Clean engine often to keep trash from accumulating. A clogged engine runs hotter and shortens engine life.
• Keep finished surfaces/wheels free of gasoline, oil, etc.
• We do not recommend using a garden hose to clean lawn mower unless the electrical system, muffler, air filter and carburetor are covered to keep water out. Water in engine can result in shortened engine life.

CLEAN UNDER DRIVE COVER
Clean under drive cover at least twice a season. Scrape underside of cover with putty knife or similar tool to remove any build-up of trash or grass on underside of drive cover.
SERVICE AND ADJUSTMENTS

CAUTION: TO AVOID SERIOUS INJURY, BEFORE PERFORMING ANY SERVICE OR ADJUSTMENTS:
1. Release control bar and stop engine.
2. Make sure the blade and all moving parts have completely stopped.
3. Disconnect spark plug wire from spark plug and place where it cannot come in contact with plug.

LAWN MOWER
TO ADJUST CUTTING HEIGHT
See “TO ADJUST CUTTING HEIGHT” in the Operation section of this manual.

REAR DEFLECTOR
The rear deflector, attached between the rear wheels of your mower, is provided to minimize the possibility that objects will be thrown out of the rear of the mower into the operator's mowing position. If the deflector becomes damaged, it should be replaced.

TO REMOVE DRIVE BELT (See Fig. 13)
1. Remove drive cover.
2. Remove belt from gearcase pulley by pushing down on arm and rolling belt off pulley.
3. Turn lawn mower on its side with air filter and carburetor down.
4. Remove blade, engine pulley and debris shield.
5. Remove engine pulley and belt from debris shield.

TO REPLACE DRIVE BELT (See Fig. 14)
1. Place new drive belt in engine pulley and belt retainer of debris shield.
2. Route the other end of the new drive belt through hole in housing.
3. Reinstall debris shield.
4. Reinstall blade.
5. Return mower to upright position.
6. Push down on arm, install new belt on gearcase pulley. Release arm slowly.

NOTE: Always use factory approved belt to assure proper fit and long life.

TO ADJUST HANDLE (See Figs. 15 thru 17)
The handle can be mounted in a high or low position. The mounting holes in the bottom of lower handle are off center for raising or lowering the handle.
1. Remove upper handle and all wire tie(s) securing cable(s) to lower handle.
2. Remove hairpin cotters from lower handle bracket mounting pin.
3. Squeeze lower handle in to remove from mounting pins.
4. Turn lower handle over to raise or lower handle.
5. Squeeze lower handle in and position holes onto mounting pins on handle bracket.
6. Reassemble upper handle and all parts removed from lower handle.
ENGINE
ENGINE SPEED
Your engine speed has been factory set. Do not attempt to increase engine speed or it may result in personal injury. If you believe that the engine is running too fast or too slow, take your lawn mower to an authorized service center for repair and adjustment.

CARBURETOR
Your carburetor is not adjustable. If your engine does not operate properly due to suspected carburetor problems, take your lawn mower to an authorized service center for repair and/or adjustment.

IMPORTANT: NEVER TAMPER WITH THE ENGINE GOVERNOR, WHICH IS FACTORY SET FOR PROPER ENGINE SPEED. OVERSPEEDING THE ENGINE ABOVE THE FACTORY HIGH SPEED SETTING CAN BE DANGEROUS. IF YOU THINK THE ENGINE-GOVERNED HIGH SPEED NEEDS ADJUSTING, CONTACT YOUR NEAREST AUTHORIZED SERVICE CENTER, WHICH HAS PROPER EQUIPMENT AND EXPERIENCE TO MAKE ANY NECESSARY ADJUSTMENTS.

STORAGE
Immediately prepare your lawn mower for storage at the end of the season or if the unit will not be used for 30 days or more.

LAWN MOWER
When lawn mower is to be stored for a period of time, clean it thoroughly, remove all dirt, grease, leaves, etc. Store in a clean, dry area.

1. Clean entire lawn mower (See “CLEANING” in the Maintenance section of this manual).
2. Lubricate as shown in Maintenance section of this manual.
3. Be sure that all nuts, bolts, screws, and pins are securely fastened. Inspect moving parts for damage, breakage and wear. Replace if necessary.
4. Touch up all rusted or chipped paint surfaces; sand lightly before painting.
**ENGINE**

**FUEL SYSTEM**

**IMPORTANT:** IT IS IMPORTANT TO PREVENT GUM DEPOSITS FROM FORMING IN ESSENTIAL FUEL SYSTEM PARTS SUCH AS CARBURETOR, FUEL FILTER, FUEL HOSE, OR TANK DURING STORAGE. 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.

- Empty the fuel tank by starting the engine and letting it run until the fuel lines and carburetor are empty.
- Never use engine or carburetor cleaner products in the fuel tank or permanent damage may occur.
- Use fresh fuel next season.

**NOTE:**
Fuel stabilizer is an acceptable alternative in minimizing the formation of fuel gum deposits during storage. Add stabilizer to gasoline in fuel tank or storage container. Always follow the mix ratio found on stabilizer container. Run engine at least 10 minutes after adding stabilizer to allow the stabilizer to reach the carburetor. Do not empty the gas tank and carburetor if using fuel stabilizer.

**ENGINE OIL**

Drain oil (with engine warm) and replace with clean engine oil. (See “ENGINE” in the Maintenance section of this manual).

**CYLINDER**

1. Remove spark plug.
2. Pour one ounce (29 ml) of oil through spark plug hole into cylinder.
3. Pull starter handle slowly a few times to distribute oil.
4. Replace with new spark plug.

**BATTERY**

Disconnect the battery from the engine connector and charge battery 48 hours.

**OTHER**

- Do not store gasoline from one season to another.
- Replace your gasoline can if your can starts to rust. Rust and/or dirt in your gasoline will cause problems.
- If possible, store your unit indoors and cover it to give protection from dust and dirt.
- Cover your unit with a suitable protective cover that does not retain moisture. Do not use plastic. Plastic cannot breathe, which allows condensation to form and will cause your unit to rust.

**IMPORTANT:** NEVER COVER MOWER WHILE ENGINE AND EXHAUST AREAS ARE STILL WARM.

**HANDLE (See Figs. 18 and 19)**

You can fold your lawn mower handle for storage.

1. Squeeze the bottom ends of the lower handle toward each other until the lower handle clears the handle bracket, then move handle forward.
2. Loosen upper handle mounting bolts enough to allow upper handle to be folded back.

**IMPORTANT:** WHEN FOLDING THE HANDLE FOR STORAGE OR TRANSPORTATION, BE SURE TO FOLD THE HANDLE AS SHOWN OR YOU MAY DAMAGE THE CONTROL CABLES.

- When setting up your handle from the storage position, the lower handle will automatically lock into mowing position.

**ENGINE**

**FUEL SYSTEM**

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- Use fresh fuel next season.

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**BATTERY**

Disconnect the battery from the engine connector and charge battery 48 hours.

**OTHER**

- Do not store gasoline from one season to another.
- Replace your gasoline can if your can starts to rust. Rust and/or dirt in your gasoline will cause problems.
- If possible, store your unit indoors and cover it to give protection from dust and dirt.
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### TROUBLESHOOTING POINTS

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<th>CAUSE</th>
<th>CORRECTION</th>
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</thead>
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<tr>
<td><strong>Does not start</strong></td>
<td>1. Dirty air filter.</td>
<td>1. Clean/replace air filter.</td>
</tr>
<tr>
<td></td>
<td>2. Out of fuel.</td>
<td>2. Fill fuel tank.</td>
</tr>
<tr>
<td></td>
<td>3. Stale fuel.</td>
<td>3. Empty fuel tank and refill tank with fresh, clean gasoline.</td>
</tr>
<tr>
<td></td>
<td>4. Water in fuel.</td>
<td>4. Empty fuel tank and refill tank with fresh, clean gasoline.</td>
</tr>
<tr>
<td></td>
<td>5. Spark plug wire is disconnected.</td>
<td>5. Connect wire to plug.</td>
</tr>
<tr>
<td></td>
<td>7. Loose blade or broken blade adapter.</td>
<td>7. Tighten blade bolt or replace blade adapter.</td>
</tr>
<tr>
<td></td>
<td>8. Control bar in released position.</td>
<td>8. Depress control bar to handle.</td>
</tr>
<tr>
<td></td>
<td>10. Fuel valve lever (if equipped) in OFF position.</td>
<td>10. Turn fuel valve lever to the ON position.</td>
</tr>
<tr>
<td><strong>Loss of power</strong></td>
<td>1. Rear of lawn mower housing or cutting blade dragging in heavy grass.</td>
<td>1. Raise cutting height.</td>
</tr>
<tr>
<td></td>
<td>2. Cutting too much grass.</td>
<td>2. Raise cutting height.</td>
</tr>
<tr>
<td></td>
<td>3. Dirty air filter.</td>
<td>3. Clean/replace air filter.</td>
</tr>
<tr>
<td></td>
<td>4. Buildup of grass, leaves and trash under mower.</td>
<td>4. Clean underside of mower housing.</td>
</tr>
<tr>
<td></td>
<td>5. Too much oil in engine.</td>
<td>5. Check oil level.</td>
</tr>
<tr>
<td><strong>Poor cut – uneven</strong></td>
<td>1. Worn, bent or loose blade.</td>
<td>1. Replace blade. Tighten blade bolt.</td>
</tr>
<tr>
<td></td>
<td>2. Wheel heights uneven.</td>
<td>2. Set all wheels at same height.</td>
</tr>
<tr>
<td></td>
<td>3. Buildup of grass, leaves and trash under mower.</td>
<td>3. Clean underside of mower housing.</td>
</tr>
<tr>
<td><strong>Excessive vibration</strong></td>
<td>1. Worn, bent or loose blade.</td>
<td>1. Replace blade. Tighten blade bolt.</td>
</tr>
<tr>
<td></td>
<td>2. Bent engine crankshaft.</td>
<td>2. Contact a qualified service center.</td>
</tr>
<tr>
<td><strong>Starter rope hard to pull</strong></td>
<td>1. Engine flywheel brake is on when control bar is released.</td>
<td>1. Depress control bar to upper handle before pulling starter rope.</td>
</tr>
<tr>
<td></td>
<td>2. Bent engine crankshaft.</td>
<td>2. Contact a qualified service center.</td>
</tr>
<tr>
<td></td>
<td>4. Blade dragging in grass.</td>
<td>4. Move lawn mower to cut grass or other hard surface before starting.</td>
</tr>
<tr>
<td></td>
<td>2. Lift on blade worn off.</td>
<td>2. Replace blade.</td>
</tr>
<tr>
<td></td>
<td>3. Catcher not venting air.</td>
<td>3. Clean grass catcher.</td>
</tr>
<tr>
<td><strong>Hard to push</strong></td>
<td>1. Grass is too high or wheel height is too low.</td>
<td>1. Raise cutting height.</td>
</tr>
<tr>
<td></td>
<td>2. Rear of lawn mower housing or cutting blade dragging in heavy grass.</td>
<td>2. Raise rear of lawn mower housing one (1) setting higher.</td>
</tr>
<tr>
<td></td>
<td>3. Grass catcher too full.</td>
<td>3. Empty grass catcher.</td>
</tr>
<tr>
<td></td>
<td>4. Handle height position not right for you.</td>
<td>4. Adjust handle height to suit.</td>
</tr>
<tr>
<td><strong>Loss of drive or slowing of drive speed</strong></td>
<td>1. Belt wear.</td>
<td>1. Check/replace drive belt.</td>
</tr>
<tr>
<td></td>
<td>2. Belt off of pulley.</td>
<td>2. Check/reinstall drive belt.</td>
</tr>
<tr>
<td></td>
<td>3. Drive cable worn or broken.</td>
<td>3. Replace drive cable.</td>
</tr>
<tr>
<td></td>
<td>4. “Loose” drive control system.</td>
<td>4. Adjust drive control.</td>
</tr>
</tbody>
</table>
### KEY PART NO. | PART NO. | DESCRIPTION
--- | --- | ---
1 | 532 19 99-83 | Upper Handle (Includes Foam Grip)
2 | 532 40 19-94 | Cable, Operator Presence
3 | 532 12 51-62 | Bracket, Upstop
4 | 532 16 66-49 | Mulcher Plug
5 | 532 06 64-26 | Wire Tie
6 | 532 19 19-38 | Handle Knob
7 | 532 75 06-34 | Screw
8 | 532 41 31-85 | Control Bar
9 | 532 40 84-92 | Rear Door Assembly
10 | 532 12 84-15 | Pop Rivet
11 | 532 15 00-50 | Screw, Self-Tapping #10-24 x 5/8
12 | 817 06 04-10 | Screw, Hex Hex Head, Sems 1/4-20 x 1/2
13 | 532 19 70-76 | Back Plate
14 | 532 41 13-34 | Side Baffle
15 | 532 17 71-33 | Discharge Baffle
16 | 532 14 89-41 | Rear Baffle
17 | 532 13 20-04 | Keps Locknut 1/4-20
18 | 532 19 47-88 | Rope Guide
19 | 532 41 31-60 | Rear Skirt
20 | 532 40 54-21 | Spring, Rear Door, LH
21 | 532 40 54-23 | Spring, Rear Door, RH
22 | 532 40 91-48 | Nut, Hex, Flanged
23 | 532 18 41-93 | Bolt, Rear Door
24 | 532 41 08-31 | Wheel & Tire Assembly, Rear
25 | 532 17 47-19 | Bolt, Shoulder 3/8-16 x 1
26 | 532 40 16-30 | Washer, Belleville
27 | 532 70 10-37 | Selector Knob
28 | 532 40 64-28 | Selector Spring
29 | 532 19 70-29 | Mulcher Door
30 | 532 40 16-29 | Spacer
31 | 532 41 06-24 | Wheel Adjusting Bracket, RH
32 | 532 17 57-35 | Hinge Bracket Assembly
33 | 817 00 05-12 | Screw, Sems, Thread Cutting 5/16-18 x 3/4
34 | 532 40 38-19 | Discharge Deflector
35 | 532 41 91-93 | Handle Bracket Assembly, LH

### KEY PART NO. | PART NO. | DESCRIPTION
--- | --- | ---
36 | 532 41 91-93 | Handle Bracket Assembly, RH
37 | 532 15 04-06 | Screw, Hex Head, Threaded, Rolled 3/8-16 x 1-1/8
38 | 532 19 30-00 | Spring, Torsion
39 | 873 80 04-00 | Nut, Hex, Nylock
40 | 532 41 74-05 | Kit, Lawn Mower Housing (Includes Key Numbers 14, 15 and 51)
41 | 532 17 56-50 | Rod, Hinge
42 | 532 18 91-79 | Blade Adapter / Pulley
43 | 532 40 67-13 | Blade, 22"
44 | 532 85 10-74 | Washer, Hardened
45 | 532 85 02-63 | Washer, Helical
46 | 532 85 10-84 | Screw, Machine, Hex Head 3/8-24 x 1-3/8 Grade 8
47 | 532 17 00-31 | Front Baffle
48 | 532 40 47-63 | Danger Decal
49 | 532 60 04-06 | Screw
50 | 873 93 06-00 | Nut, Hex
51 | 532 08 86-52 | Screw, Hinge 1/4-20 x 1-1/4
52 | 532 05 17-93 | Hairpin Cotter
53 | 532 40 34-33 | Lower Handle
54 | 532 19 15-74 | Handle Bolt
55 | 532 19 09-39 | Debris Shield
56 | 532 40 58-43 | Debris Shield
57 | 532 40 23-25 | Screw, Debris Shield
58 | 532 40 16-07 | Engine, Briggs & Stratton, Model Number 122L05-1263-F1 (Order parts from Engine manufacturer)
59 | 532 40 16-23 | Wheel Adjusting Bracket, LH
60 | 532 19 79-91 | Clip, Cable
61 | 532 18 63-62 | Foam Grip
62 | 532 18 61-59 | Screw
63 | 532 18 03-31 | Key
64 | 532 19 48-48 | Nut, Cap
65 | 532 40 95-67 | Key Start Switch
66 | 532 40 95-67 | Wiring Harness
67 | 532 40 47-64 | Warning Decal (not shown)

### 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.

### NOTE: All component dimensions given in U.S. inches. 1 inch = 25.4 mm
ROTARY LAWN MOWER - MODEL NUMBER 62522FE (96143004500) - PRODUCT NUMBER 961 43 00-45
<table>
<thead>
<tr>
<th>KEY NO.</th>
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<tr>
<td>1</td>
<td>532 19 46-53</td>
<td>Drive Control Cable</td>
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<td>532 41 11-90</td>
<td>Trimplate</td>
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<td>532 15 04-95</td>
<td>Retainer, Spring</td>
<td>35</td>
<td>532 42 42-01</td>
<td>Kit, Wheel Adjuster, LH (Includes Knob and Bearing)</td>
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<tr>
<td>7</td>
<td>532 19 90-93</td>
<td>Bar, Drive Control</td>
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<td>532 41 52-26</td>
<td>Gear Case Assembly, Complete(includes pulley/nut)</td>
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<td>532 41 10-81</td>
<td>Wheel &amp; Tire Assembly</td>
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<td>532 18 95-89</td>
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<td>E-Ring</td>
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<td>873 80 04-00</td>
<td>Locknut, Hex 1/4-20</td>
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<td>532 40 38-49</td>
<td>Gear, Pinion</td>
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<td>Pawl, Drive</td>
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<td>532 42 42-00</td>
<td>Kit, Wheel Adjuster, RH (Includes Knob and Bearing)</td>
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<td>532 06 77-25</td>
<td>Washer, Flat 3/8</td>
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<td>817 41 13-08</td>
<td>Screw, Hex Head #13 x 1/2</td>
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<td>532 19 10-39</td>
<td>Ball Bearing</td>
<td>43</td>
<td>532 17 55-51</td>
<td>Screw, Shoulder, Hex Head #10-28 x 5/8</td>
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<td>532 70 10-37</td>
<td>Selector Knob</td>
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<td>532 19 00-97</td>
<td>Charger, Battery</td>
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<td>532 17 52-62</td>
<td>Pan Head Tapping Screw #10-24 x 2-3/4</td>
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<td>532 42 46-94</td>
<td>Grassbag Assembly</td>
</tr>
<tr>
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<td>532 41 91-95</td>
<td>Drive Cover</td>
<td>54</td>
<td>532 19 12-52</td>
<td>Trimplate / Battery / Battery Box Assembly</td>
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<tr>
<td>29</td>
<td>532 40 91-48</td>
<td>Locknut, Hex</td>
<td>55</td>
<td>532 19 15-92</td>
<td>Frame, Grassbag</td>
</tr>
<tr>
<td>31</td>
<td>532 14 18-41</td>
<td>Screw, Torx Pan Head #20</td>
<td>56</td>
<td>532 41 19-52</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>532 14 65-27</td>
<td>V-Belt</td>
<td>57</td>
<td>532 41 19-52</td>
<td></td>
</tr>
</tbody>
</table>

**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.
## SECTION 1: LIMITED WARRANTY

Husqvarna Professional Products, Inc ("Husqvarna") warrants the original purchaser the Husqvarna branded product to which this warranty apply (the "Product") that the Product shall be free from defects in material and workmanship from the date of purchase for the period of the applicable "Warranty Schedule" of the Product as set forth below. Additional limitations are described in Section 2 through 6, inclusive.

<table>
<thead>
<tr>
<th>PRODUCT CATEGORY</th>
<th>CONSUMER WARRANTY SCHEDULE</th>
<th>COMMERCIAL / PROFESSIONAL WARRANTY SCHEDULE</th>
<th>RENTAL WARRANTY SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reconditioned Products: Reconditioned chainsaws, trimmers, brushcutters, clearing saws, handheld blowers, backpack blowers, hedge trimmers, and electrical products.</td>
<td>90 Days</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Chain Saws Lifetime Ignition Warranty (Parts Only): One Year Conditional Crankshaft Warranty for Commercial/Professional use when operated with Husqvarna XP 2 cycle oil (Parts &amp; Labor).</td>
<td>2 Years</td>
<td>90 Days</td>
<td>90 Days</td>
</tr>
<tr>
<td>100 Series Trimmers, Stick Edgers, Hedge Trimmers</td>
<td>2 Years</td>
<td>1 Year</td>
<td>90 Days</td>
</tr>
<tr>
<td>200 &amp; 300 Series Trimmers, Brushcutters, Clearing Saws, Stick Edgers, Hovering Trimmers &amp; Hedge Trimmers Lifetime Ignition Warranty (Parts Only) and Lifetime Shaft Warranty apply to these products (excludes Hovering Trimmers).</td>
<td>2 Years</td>
<td>1 Year</td>
<td>90 Days</td>
</tr>
<tr>
<td>Blowers (Lifetime Ignition Warranty - Parts Only)</td>
<td>2 Years</td>
<td>2 Years</td>
<td>90 Days</td>
</tr>
<tr>
<td>Pole Pruners, Pole Saws, Pole Hedge Trimmers (Lifetime Ignition Warranty - Parts Only)</td>
<td>1 Year</td>
<td>1 Year</td>
<td>90 Days</td>
</tr>
<tr>
<td>Residential Walk-Behind Mowers, Tillers, LE389 Edger †</td>
<td>2 Years</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>LE475 Edger †</td>
<td>2 Years</td>
<td>90 Days</td>
<td>90 Days</td>
</tr>
<tr>
<td>LT, LTH, LS, XLS, GLS, YT, YTH, GT, GTH, 16H, Pro15, 155 ProFlex Series Lawn &amp; Garden Riders and Residential Zero Turn Mowers †</td>
<td>2 Years</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>MZ and EZ Series Zero Turn Riders †</td>
<td>3 Years or 600 Hours</td>
<td>1 Year or 600 Hours</td>
<td>90 Days</td>
</tr>
<tr>
<td>iZ, LZ, BZ Series Zero Turn Riders † (Applies to units factory-equipped with Roll Over Protection System.)</td>
<td>5 Years or 1,500 Hours</td>
<td>5 Years or 1,500 Hours</td>
<td>90 Days</td>
</tr>
<tr>
<td>Commercial Walk Mowers † (includes 21&quot; &amp; wide area)</td>
<td>3 Years</td>
<td>3 Years</td>
<td>90 Days</td>
</tr>
<tr>
<td>Commercial Turf Specialty Equipment †</td>
<td>1 Year</td>
<td>1 Year</td>
<td>1 Year</td>
</tr>
<tr>
<td>Zero Turn &amp; Commercial Turf Specialty Attachments</td>
<td>2 Years</td>
<td>1 Year</td>
<td>90 Days</td>
</tr>
<tr>
<td>Power Cutters (Lifetime Ignition Warranty - Parts Only)</td>
<td>1 Year</td>
<td>90 Days</td>
<td>90 Days</td>
</tr>
<tr>
<td>Automatic Mower (1 Year Battery Warranty)</td>
<td>2 Years</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Snow Throwers †</td>
<td>2 Years</td>
<td>90 Days</td>
<td>90 Days</td>
</tr>
<tr>
<td>Pressure Washers †</td>
<td>2 Years</td>
<td>2 Years (Excludes 5525PW)</td>
<td>N/A</td>
</tr>
<tr>
<td>Grass Catchers &amp; Bumpers Purchased with New Units</td>
<td>Same Warranty As Unit When Purchased with Unit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spreaders</td>
<td>1 Year</td>
<td>30 days</td>
<td></td>
</tr>
<tr>
<td>Parts &amp; Accessories Purchased Separately</td>
<td>2 Year or 2,000 Hour Powertrain &amp; 1 Year or 1,000 Hour Body Warranty</td>
<td>4 Year Pro-rated</td>
<td></td>
</tr>
<tr>
<td>Husqvarna Utility Vehicles** (Engines/transmissions shall be warranted through Husqvarna,)</td>
<td></td>
<td>90-day</td>
<td></td>
</tr>
<tr>
<td>HUV Batteries: 4210E Versions</td>
<td></td>
<td>4 Year Pro-rated</td>
<td></td>
</tr>
<tr>
<td>Husqvarna Safety Apparel***</td>
<td></td>
<td>90-day</td>
<td></td>
</tr>
<tr>
<td>Batteries**** (Consumer Products where applicable)</td>
<td></td>
<td>1 year</td>
<td>N/A</td>
</tr>
<tr>
<td>Replacement Parts, Accessories including Bars and Chains, Tools and Display Items, Emission Control System Components necessary to comply with CARB-TIER II and EPA Regulations (Excludes components which are part of engine systems manufactured by third part engine manufacturers for which the purchaser has received a separate warranty with product at time of purchase.)</td>
<td>30 Day Warranty</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All Husqvarna products can be registered online at [www.usa.husqvarna.com](http://www.usa.husqvarna.com) quickly and easily regardless of their model year. Click the Support tab, then click on the Online Product Registration link, and fill out the electronic form and submit. Ask about Husqvarna’s extended service plan!
† Refer to Section 3 for items not covered by this warranty

*All consumer product use must have been limited to the owner's residence. Warranted for noncommercial, nonprofessional, noninstitutional and nonincome producing use.

**HUV 2 Year or 2,000 Hour Powertrain (The engine assembly, unitized transaxle assembly (gasoline vehicle), motor, and main frame assembly are warranted with respect to parts and labor against defects in material and workmanship or a period of two years or 2000 hours of operation, whichever first occurs, from the date of purchase.) & 1 Year or 1,000 Hour Body Warranty (All remaining components of the vehicle not specified otherwise and all other original equipment options and accessories supplied by Husqvarna are warranted with respect to parts and labor against defects in material and workmanship for a period of one year or 1000 hours of operation, whichever first occurs, from the date of purchase.)

HUV's Gas & Diesel Powered Battery: 0 – 6 months free replacement and 7 – 12 months prorated
HUV's Electric Powered – 4 year or 16,000 Energy Unit Limited Warranty Period

***Husqvarna safety apparel warranty is 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. 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.

****Battery 1 Year prorated limited warranty with 100% replacement during the first 6 months.

Lifetime Warranty (Parts and Labor): All tiller tines and trimmer shafts against breakage. Proof of purchase required.

Lifetime Warranty (“PARTS ONLY” after initial warranty expiration): Ignition coils and modules on handheld product. Proof of purchase required.

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, clutches, clutch drums, filters (fuel line, fuel filters, air filters, oil filters), sprockets, guide bars, lubricants, rewind springs, saw chain, spark plugs, starter ropes and tiller tines;
2. Natural discoloration of material due to ultraviolet light;
3. Engine and drive systems not manufactured by Husqvarna; these items are covered by the respective manufacturer's warranty as provided in writing with the product information supplied at the time of purchase; all claims must be sent to the appropriate manufacturer;
4. Lawn and garden attachments that are covered by a third party which gives a warranty, all claims for warranty should be sent to the manufacturer.
5. Commercial or consumer mowing decks with sand abrasion damage.
6. Emission Control System components necessary to comply with CARB-TIER II and EPA regulations 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 by 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. Failure caused by continued use is not covered by warranty. Product should be delivered, at owners expense, as is, to an authorized Husqvarna Servicing Retailer 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 Retailer's responsibility to make certain that the Warranty Registration Card is properly filled out and mailed to Husqvarna. 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 retailer in order to obtain warranty service. This proof must include date purchased, model number, serial number, and complete name and address of the selling retailer. To obtain the benefit of this warranty, the product believed to be defective must be delivered to an authorized Husqvarna retailer 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. Downtime, pick-up and delivery charges are not covered by this warranty. An authorized Husqvarna retailer can be located by calling 1-800-HUSKY-62 or visiting www.husqvarna.com

Subject to change without notice.

HUSQVARNA 7349 Statesville Road, Charlotte, NC 28269

Part Number 525 88 56-01