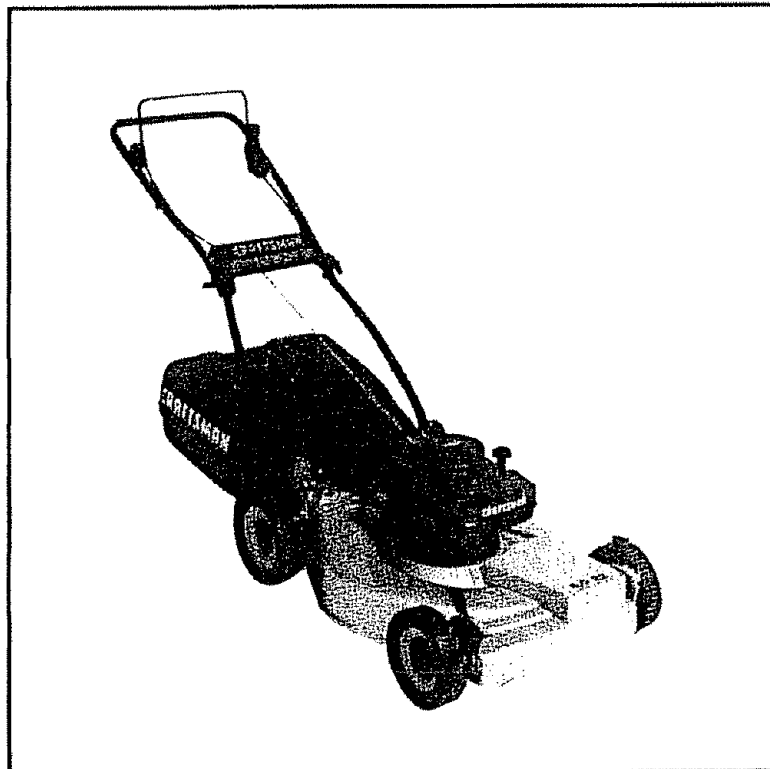


**SEARS
OWNER'S
MANUAL**

**MODEL NO.
917.372270**

**Caution:
Read and Follow
all Safety Rules
and Instructions
Before Operating
This Equipment**



CRAFTSMAN®

**4.0 RESERVE POWER
22" REAR BAGGER
POWER PROPELLED
ROTARY LAWN MOWER**

**Assembly
Operation
Maintenance
Service and Adjustment
Repair Parts**

SEARS, ROEBUCK AND Co., Chicago, IL. 60684 U.S.A.

SAFETY RULES



CAUTION: ALWAYS DISCONNECT SPARK PLUG WIRE AND PLACE WIRE WHERE IT CANNOT CONTACT SPARK PLUG TO PREVENT ACCIDENTAL STARTING WHEN SETTING-UP, TRANSPORTING, ADJUSTING OR MAKING REPAIRS TO YOUR MOWER.



IMPORTANT

FEDERAL REGULATIONS REQUIRE OPERATOR PRESENCE BLADE STOP CONTROLS TO MINIMIZE THE RISK OF BLADE CONTACT INJURY. YOUR MOWER IS EQUIPPED WITH SUCH CONTROLS. DO NOT ATTEMPT TO DEFEAT THE FUNCTION OF THE OPERATOR PRESENCE CONTROL UNDER ANY CIRCUMSTANCES.

- BE CAREFUL-WHEN THE ENGINE IS RUNNING THE BLADE IS TURNING.
- Please read your owner's manual. Only allow persons who know the safety rules to use your mower.
- DO NOT tie the operator presence control bar to the handle. Control must be free to permit brake engagement when handles and control are released.
- DO NOT allow children to use your mower.
- Check your mower over before each use. Tighten any loose bolts, nuts, etc.
- Remove all sticks, stones, wires, cans, boards, etc. from area to be mowed. These objects can be thrown by the blade.
- DO NOT allow children, bystanders or pets in the area while mowing.
- Always wear shoes when mowing. DO NOT operate mower when barefoot or wearing open sandals.
- Always wear safety glasses or eye shields before starting your lawn mower and while mowing.
- Always shut off engine before trying to adjust wheel heights.
- When engine is running, DO NOT put hands or feet under mower or in the discharge chute, nor make any adjustments.
- Stay clear of discharge opening at all times.
- Do not fill gas tank when engine is running, when indoors or when engine is hot. Allow engine to cool for several minutes before filling gas tank. Clean off any spilled gasoline before starting engine.
- Mow only in good light.
- Always stop blade when not cutting grass or when crossing gravel drive, sidewalk, or roadway.
- DO NOT continue to run your mower if you hit a foreign object. Stop the engine, disconnect the spark plug wire from the spark plug, inspect the mower for damage and make repairs as required.
- DO NOT use a damaged mower. Always have damage repaired before mowing.
- DO NOT run your mower if it vibrates too much. Stop engine and make repairs. Vibration is an indication of damage.
- Never use your mower without proper guards or deflectors in place.
- Always mow across a slope or inclined area. DO NOT mow up or down a slope or inclined area.
- DO NOT mow in wet grass. Be careful of footing when mowing in wet grass, use shoes with good traction.
- DO NOT run with the mower.
- DO NOT run your mower indoors. Exhaust gases are deadly poison.
- Always disconnect the spark plug wire from spark plug to prevent accidental starting when transporting or storing your mower after the mowing season.
- DO NOT attempt to raise engine speed above factory settings. Engine damage or personal injury may result.
- If a grass catcher is used on your mower, check the catcher often for damage or deterioration. It will wear through normal use. Use only a recommended replacement catcher.
- Always stop blade to remove or install catcher.
- DO NOT store your mower or gasoline where fumes may reach an open flame and cause a fire.
- DRAIN THE GASOLINE from your mower before transporting your mower inside your car or other vehicle.



LOOK FOR THIS SYMBOL TO POINT OUT IMPORTANT SAFETY PRECAUTIONS. IT MEANS-- ATTENTION!!! BECOME ALERT!!! YOUR SAFETY IS INVOLVED.

CONGRATULATIONS on your purchase of a Sears Craftsman Lawn Mower. It has been designed, engineered and manufactured to give you the best possible dependability and performance.

Should you experience any problem you cannot easily remedy, please contact your nearest Sears Service Center/Department. We have competent, well-trained technicians and the proper tools to service or repair this unit.

Please read and retain this manual. The instructions will enable you to assemble and maintain your mower properly. Always observe the "SAFETY RULES".

MODEL
NUMBER 917.372270

SERIAL
NUMBER _____

DATE OF
PURCHASE _____

THE MODEL AND SERIAL NUMBERS WILL BE FOUND ON A DECAL ATTACHED TO THE REAR OF THE MOWER HOUSING

YOU SHOULD RECORD BOTH SERIAL NUMBER AND DATE OF PURCHASE AND KEEP IN A SAFE PLACE FOR FUTURE REFERENCE.

PRODUCT SPECIFICATIONS

RESERVE POWER:	4.0
DISPLACEMENT:	9.98 cu. in.
GASOLINE CAPACITY:	1.0 quart (Unleaded)
OIL (21 oz. Capacity):	SAE 30W (SAE 10W 30)
SPARK PLUG (GAP .030 in.):	Champion RJ19-LM or (Sears Z133312 or STD 361458)
VALVE CLEARANCE: Intake:	.008 in.
Exhaust:	.008 in.
SOLID STATE IGNITION AIR GAP:	.0125 in.
BLADE NUT TORQUE:	70-75 ft.-lbs.

MAINTENANCE AGREEMENT

A Sears Maintenance Agreement is available on this product. Contact your nearest Sears store for details.

CUSTOMER RESPONSIBILITIES

- Read and observe the safety rules.
- Follow a regular schedule in maintaining, caring for and using your mower.
- Follow the instructions under "Maintenance" and "Storage" sections of this Owner's Manual.

ONE YEAR LIMITED WARRANTY ON CRAFTSMAN POWER MOWER

For one year from the date of purchase, when this Craftsman Lawn Mower is maintained, lubricated and tuned-up according to the instructions in the owner's manual, Sears will repair, free of charge, any defect in material and workmanship.

If this Craftsman Lawn Mower is used for commercial or rental purposes, this warranty applies for only 90 days from the date of purchase.

This warranty does not cover:

- Expendable items which become worn during normal use, such as rotary mower blades, blade adapters, belts, air cleaners and spark plug.
- Repairs necessary because of operator abuse or negligence, including bent crankshafts and the failure to maintain the equipment according to the instructions contained in the owner's manual.

WARRANTY SERVICE IS AVAILABLE BY RETURNING THE CRAFTSMAN POWER MOWER TO THE NEAREST SEARS SERVICE CENTER/DEPARTMENT IN THE UNITED STATES. THIS WARRANTY APPLIES ONLY WHILE THIS PRODUCT IS IN USE IN THE UNITED STATES.







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

SEARS, ROEBUCK AND CO. Department 698/731A Sears Tower, Chicago, Ill. 60684



MOWER ACCESSORIES

These accessories were available when the mower was purchased. They are also available at most Sears retail outlets, catalog and service centers. Most Sears stores can order repair parts for you, when you provide the model number of your mower.


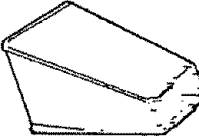
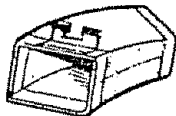


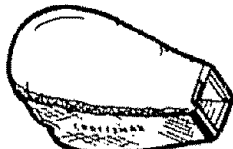
ENGINE

SPARK PLUG 	MUFFLER 	AIR FILTER 	GAS CAN 	ENGINE OIL 	STABILIZER 
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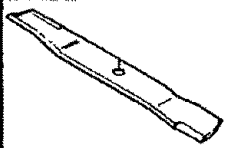



If mower is an electric start

CHARGER 	BATTERY 
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MOWER PERFORMANCE

REAR BAG OPTIONAL	DUST SHIELD 	LEAF CATCHER 	CLIPPING DEFLECTOR 
REPLACEMENT BAG FOR REAR DISCHARGE MOWERS	FABRIC BAG 	PERMANEX CATCHER 	
OPTIONAL CATCHER FOR SIDE DISCHARGE MOWER	SIDE DISCHARGE CATCHER 		

MOWER MAINTENANCE

BELT 	BLADE 	BLADE ADAPTER 	WHEELS 	MOWER COVER 
--	---	---	--	---

ASSEMBLY

Your lawn mower has been completely assembled at the factory except for the grass catcher top and the grass catcher bottom.

TO REMOVE MOWER FROM CARTON

- Remove loose parts if included with mower, (i.e. grass catcher, catcher frame, hardware pack, etc.).
- Cut down corners on one end of carton and lay end down flat.
- Remove packing material.
- Roll mower out of carton and check carton thoroughly for loose parts.

HOW TO SET-UP YOUR LAWN MOWER

TO UNFOLD HANDLE

Remove tape and paper holding operator presence control bar to upper handle.

- Hold down operator presence control bar to upper handle to allow handle to move to mowing position.
- Raise handles until lower handle section locks into place in the mowing position (See Fig. 1).
- Raise upper handle section into place on lower handle and tighten one (1) handle knob.
- Release operator presence control bar and tighten remaining handle knob.
- Your mower handle can be adjusted for your mowing comfort. Refer to "ADJUST HANDLE" in the Service and Adjustment section of this manual.

TO ASSEMBLE GRASS CATCHER

NOTE: The grass catcher for your mower comes unassembled. To assemble follow steps below:

- Position top half of catcher on bottom half (See Fig. 2).
 - Insert screw through right front hole; place 1/4" nut on screw and leave loose.
 - Insert screw through left front hole; place 1/4" nut on screw and leave loose.
 - Tighten screws installed in Steps 2 & 3. Hold locknuts with 7/16" wrench while tightening screws.
 - Install six more screws moving around catcher and leave locknuts loose.
 - Tighten these screws as in Step 4.
- NOTE:** Make sure all screws are tight.

TO ATTACH GRASS CATCHER

- Lift door.
- Hold catcher by handle and place catcher frame onto hinge bracket (See Fig. 3).
- Release rear door.

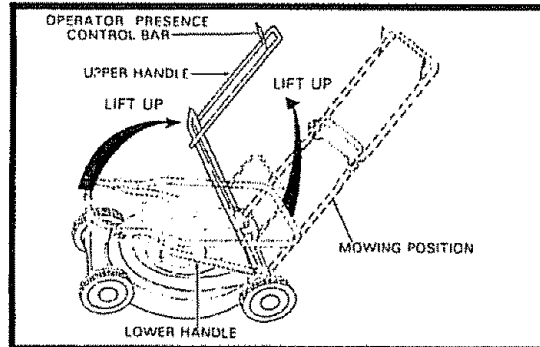


FIG. 1

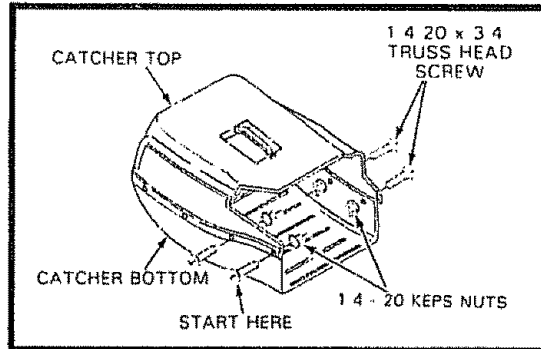


FIG. 2

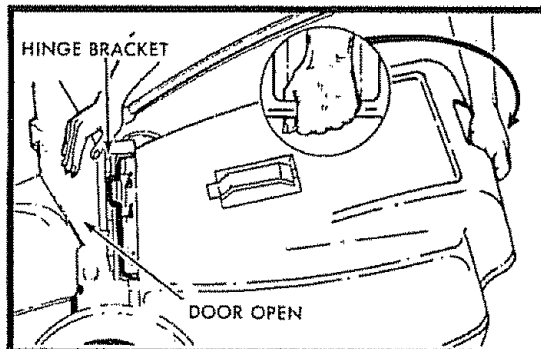


FIG. 3

- When grass catcher is removed from mower, rear door closes for safety.



CAUTION: DO NOT RUN YOUR LAWN MOWER WITHOUT DISCHARGE GUARD OR APPROVED GRASS CATCHER IN PLACE.

- NEVER ATTEMPT TO OPERATE THE MOWER WITH THE DOOR REMOVED OR PROPPED OPEN.

OPERATION

KNOW YOUR MOWER

READ THIS OWNER'S MANUAL AND SAFETY RULES BEFORE OPERATING YOUR ROTARY MOWER. Compare the illustrations with your Rotary Mower to familiarize yourself with the location of various controls and adjustments. Save this manual for future reference.

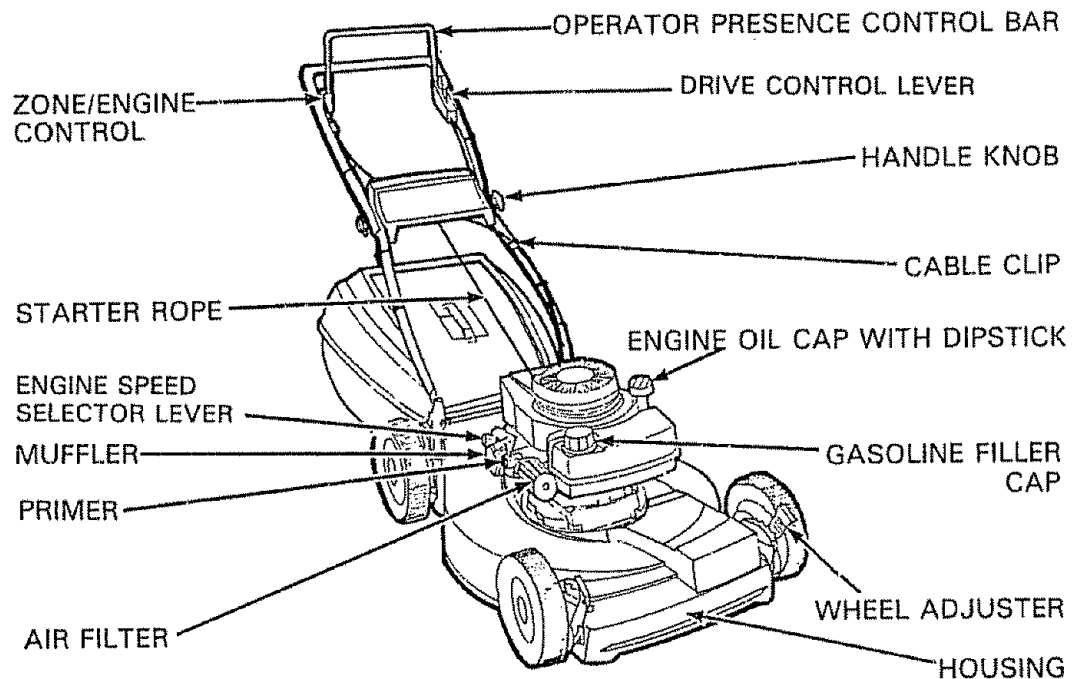


FIG. 4

MEETS CPSC SAFETY REQUIREMENTS

Sears Rotary Walk-Behind Power 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.

ENGINE SPEED SELECTOR LEVER - located on the right side of the engine which allows you to select either "HIGH" or "LOW" engine speed.

PRIMER - pumps additional fuel from the carburetor to the cylinder for use when starting a cold engine.

STARTER ROPE - used for starting the engine.

DRIVE CONTROL LEVER - used to engage power-propelled forward motion of mower.

OPERATION

HOW TO USE YOUR MOWER

ENGINE SPEED SELECTOR

The engine speed is controlled by a lever (red knob) located on the right side of the engine. "HIGH" position is for starting engine, normal cutting and better grass bagging. "LOW" position is for light cutting, trimming, and fuel economy (See Fig. 5).

DRIVE CONTROL

- Self-propelling is controlled by holding the operator presence control bar down to the handle and pushing the drive control lever forward until it clicks; then release the lever (See Fig. 6).
- Forward motion will stop when the operator presence control bar is released. To stop forward motion without stopping the engine, release the operator presence control bar slightly until the drive control disengages. Hold operator presence control bar down to handle to continue mowing without self-propelling.
- To keep drive control engaged when turning corners, push down on handle and lift front wheels off ground while turning mower.

TO EMPTY GRASS CATCHER

- Lift Door.
- Grasp catcher handle and remove from mower.
- Empty by shaking catcher with open end and downward (See Fig. 7).

TO ADJUST CUTTING HEIGHT

- Raise wheels for low cut and lower wheels for high cut.
- Wheels are set in low cut for shipping. 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 (See Fig. 8).

BEFORE STARTING ENGINE

OIL:

- Remove engine oil cap with dipstick or oil fill plug. Fill to "FULL" line on dipstick or to top of slot down in filler hole. Use about 1 pint or 1/2 liter of Sears 30W 30 oil or equivalent. SAE 10W 30 oil can also be used (See Fig. 4). DO NOT use SAE 10W 40 oil. The total oil capacity of your engine is 21 oz. or 0.62 liters. Fill only to "FULL" line on dipstick or to top of slot down in oil filler hole. DO NOT over fill. The first fill on a

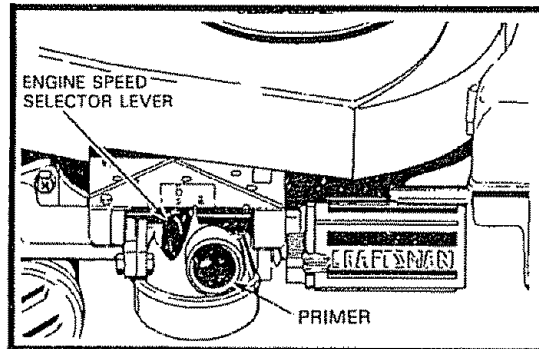


FIG. 5

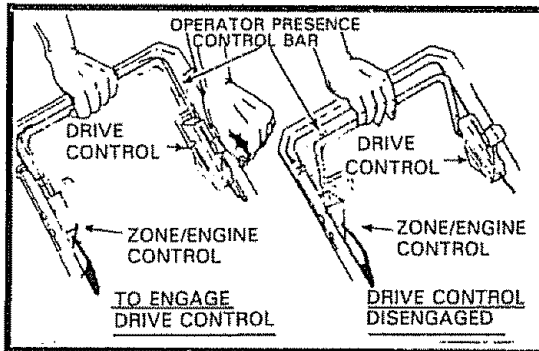


FIG. 6

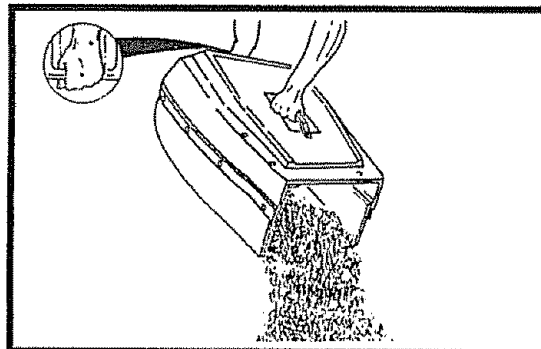


FIG. 7

new engine uses about 1 pint. Check oil level and add oil as needed to bring to proper level.

- Pour oil slowly. DO NOT over fill.

GAS:

- Fill gasoline tank with fresh, clean unleaded gasoline. DO NOT USE PREMIUM GASOLINE. BE CAREFUL NOT TO OVER FILL TANK (SEE FIG. 4).

OPERATION

BEFORE STARTING ENGINE (CONT'D)

WARNING: Experience indicates that 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 for 30 days or longer. Drain 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 START ENGINE

- To start a cold engine, push primer five (5) 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.
- Push engine speed selector lever forward to "HIGH" position.
- Hold operator presence control bar down to the handle and pull starter handle quickly. Do not allow starter rope to snap back.
- To "STOP" engine, release operator presence control bar.

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

- 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.

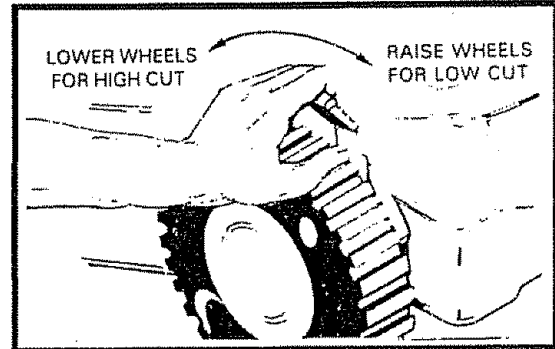


FIG. 8

- For extremely heavy cutting, reduce the width of cut and raise the rear of the mower housing one (1) wheel adjuster setting higher than the front for better discharge of grass.
- When using a rear bagging mower in moist, heavy grass, clumps of cut grass may not enter the grass catcher. Reduce ground speed (pushing speed) and/or run the mower over the area a second time.
- For better grass bagging and most cutting conditions, the engine speed should be set in the "HIGH" (fast) position.
- If a trail of grass clippings is left on the right side of a rear bagging mower, mow in a clockwise direction with a small overlap to collect the clippings on the next pass.
- For side discharge mowers, cutting in a counter-clockwise direction, starting at the outside of the area to be cut, spreads grass clippings more evenly and puts less load on the engine. To keep clippings off of walkways, flower beds, etc., make the first cuts in a clockwise direction.
- 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.

MAINTENANCE

MOWER

GENERAL RECOMMENDATION

- Once a year you should replace the spark plug, air filter, and check blade for wear. A new spark plug and air filter assures proper air-fuel mixture and helps your engine run better and last longer.
- You should check all fasteners and be sure they are tight.
- Follow the Service Recommendation Schedule on page 16.

BLADE/BLADE FLANGE CARE

Your mower will work better with a sharp blade.



CAUTION: DISCONNECT SPARK PLUG WIRE FROM SPARK PLUG AND PLACE WIRE WHERE IT CANNOT COME IN CONTACT WITH THE SPARK PLUG.

TO REMOVE BLADE:

- Turn mower on its side. Make sure air filter and carburetor are up.
- Use block of wood between blade and mower housing to prevent blade from turning when nut is removed. Protect your hands with gloves and/or wrap blade with heavy cloth.
- Remove nut by turning counter-clockwise. Use a 15/16" box or open-end wrench.

NOTE: Check tab in blade flange after removing. If tab is damaged, replace it. It must be in good condition for the blade to work properly. We recommend that a new blade nut be used each time blade is removed.

TO REPLACE BLADE:

- Put blade flange on engine crankshaft with tab in slot (See Fig. 9).
- Fit blade on crankshaft in the blade flange. Be sure the word "TOP" (stamped on blade) is toward engine.
- Place flat washer, two (2) formed washers and nut on crankshaft (See Fig. 9).
- Use block of wood to hold blade and tighten nut clockwise. The recommended torque is 70-75 ft.-lbs. Torque wrenches are available at most Sears stores and through the catalog.



CAUTION: A LOOSE BLADE CAN BE DANGEROUS AND MAY MAKE THE ENGINE HARD TO START

Use only a Sears authorized replacement blade to get the best cutting results.

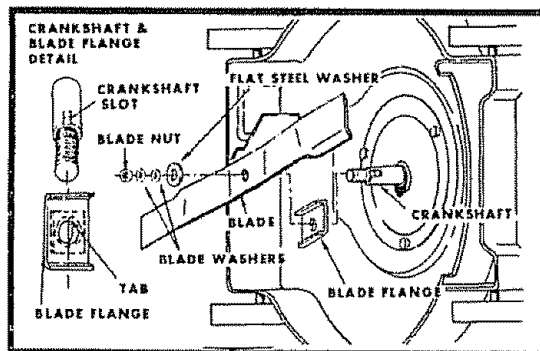


FIG. 9

NOTE: We do not recommend sharpening blade - but if you do, be sure the blade is balanced.

TO SHARPEN BLADE:

- The blade can be sharpened with a file or on a grinding wheel. Do not attempt to sharpen while on the mower.
- Care should be taken to keep the blade balanced. An unbalanced blade will cause excessive vibration when running and eventual damage to mower or engine.
- 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, blade is not balanced. Sharpen the heavy end until the blade is balanced.

MAINTENANCE

DRIVE WHEELS

NOTE: 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, check both front wheels.

- Remove hub caps, hairpin cotter and washers.
- Remove wheels from wheel adjusters.
- Remove any trash or grass cuttings from inside the dust cover, pinion and/or drive wheel gear teeth.
- Put wheels back in place.
- If after cleaning, the drive wheels do not turn freely, contact your nearest Sears Service Center.

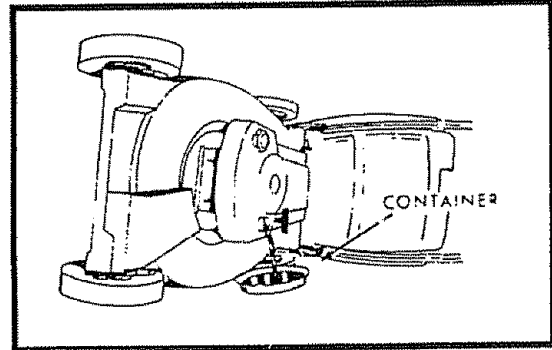


FIG. 10

ENGINE

TO CHANGE OIL



CAUTION: DISCONNECT SPARK PLUG WIRE FROM SPARK PLUG AND PLACE WIRE WHERE IT CANNOT COME IN CONTACT WITH SPARK PLUG.

- Remove engine oil cap with dipstick; lay aside on a clean surface. Warm oil drains better.
- Tip mower on its side as shown in Fig. 10 and drain oil into suitable container. Rock mower back and forth to remove any oil trapped inside of engine.
- Wipe off any spilled oil on mower and on side of engine.
- Fill engine with oil, fill only to the "FULL" line on the dipstick. DO NOT over fill.
- Replace engine oil cap.
- Reconnect spark plug wire to spark plug

MAINTENANCE

AIR FILTER

Your engine will not run properly and may be damaged by using a dirty air filter.

Replace the air filter every year, more often if you mow in very dusty, dirty conditions. Do not wash air filter.

To Change Air Filter:

- Remove the air filter cover by turning counter-clockwise to the stop and pull away from collar (See Fig. 11).
- Remove filter from inside of cover (See Fig. 11).
- Clean the inside of the cover and the collar to remove any dirt accumulation.
- Insert new filter into cover.
- Put air filter cover and filter into collar aligning the tab with the slot.
- Push in on cover and turn clockwise to tighten (See Fig. 11).

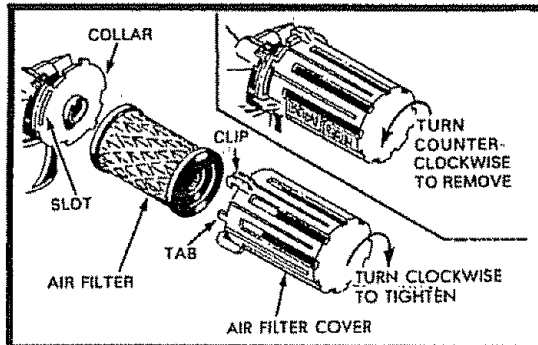


FIG. 11

SPARK PLUG

Change your spark plug each year to make your engine start easier and run better. Set spark plug gap at .030 inch.

CLEANING



CAUTION: DISCONNECT SPARK PLUG WIRE FROM SPARK PLUG AND PLACE WIRE WHERE IT CANNOT COME IN CONTACT WITH SPARK PLUG.

- Turn mower on its side with carburetor up.
- Clean the underside of your mower by scraping to remove build-up of grass and trash.

NOTE: We recommend that you clean the underside of your mower after each use.

- Clean your mower and engine often to keep build-up of trash from accumulating around engine. A clogged engine runs hotter and shortens engine life.

NOTE: We DO NOT recommend using a garden hose to clean mower unless the electrical system, muffler, air filter and carburetor are covered to keep water out. Water in engine can result in shortening engine life.

SERVICE AND ADJUSTMENTS

TO REMOVE/REPLACE DRIVE BELT



CAUTION: DISCONNECT SPARK PLUG WIRE FROM SPARK PLUG. PLACE WIRE WHERE IT CANNOT COME IN CONTACT WITH SPARK PLUG.

- Remove drive cover. Remove belt by pushing down on gear case pulley (See Fig. 12).
- Turn mower on its side with carburetor and fuel cap up.
- Loosen hex head screw and move belt snubber away from pulley (See Fig. 12).
- Remove belt from engine pulley on crankshaft and carefully slip belt off over blade.
- Caution: Sharp edges of blade can cut belt.
- Install new belt reversing above steps.
- Move belt snubber back in place and tighten hex head screw.

NOTE: Belt snubber clears belt by approx. 1/32 inch when installed.

- Always use only factory approved belt to assure fit and long life.

TO ADJUST DRIVE CONTROL CABLE

A drive control cable that needs adjustment will keep your mower from self-propelling properly and can also cause gear case components to wear out sooner.

- Remove drive cover.
- Loosen cable clamp screw "A" and nuts "B" and "C".
- Tie down operator presence control bar to handle and engage drive control.
- Move shifter arm to drive position while rotating front wheels to be sure jaw clutch is engaged. Pull threaded sleeve with pliers (See Fig. 13). Do not pull on control cable.
- Tighten nut "C" until sleeve is snug.
- Tighten screw "A" and nut "B".
- Push mower back and forth to be sure gear case is engaged.
- Replace drive cover.
- Untie operator presence control bar.

CARBURETOR

Your carburetor has a non-adjustable fixed main jet for mixture control. If your engine does not operate properly due to suspected carburetor problems, take your mower to an authorized Sears Service Center for repair and adjustment.

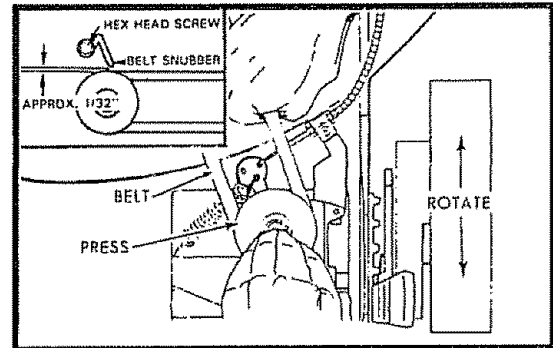


FIG. 12

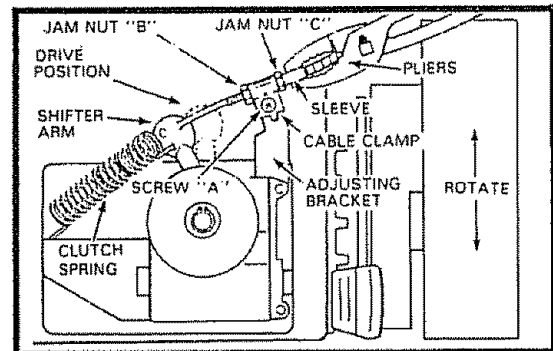


FIG. 13

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 mower to an authorized Sears Service Center for repair and adjustment.

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 the rear of the mower into the operator mowing position.

If the rear deflector becomes damaged, it should be replaced.

SERVICE AND ADJUSTMENTS

TO ADJUST HANDLE

Your mower handle can be raised or lowered for your mowing comfort. (Fig. 14A, 14B, 15A and 15B) show the four (4) positions that are available: High, medium high, medium low and low. Handles are shipped mounted in the medium low position (See Fig. 14A)

- To change from medium low to medium high position, the upper and lower handle sections will have to be turned over (See Fig. 14B).
- Remove the controls and operator presence control bar from the upper handle.
- Remove the starter rope guide from the handle trim plate and two (2) self-tapping screws that hold the trim plate to the handle.
- Disconnect the lower handle from the handle brackets (See Fig. 16).
- Turn the handle over and reassemble all of the parts that have been removed (See Fig. 16).
- Reassemble the handle trim plate and the starter rope guide.
- Reassemble the controls and the operator presence control bar to the upper handle.

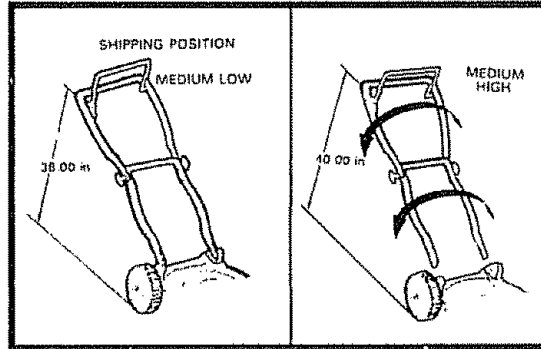


FIG. 14A

FIG. 14B

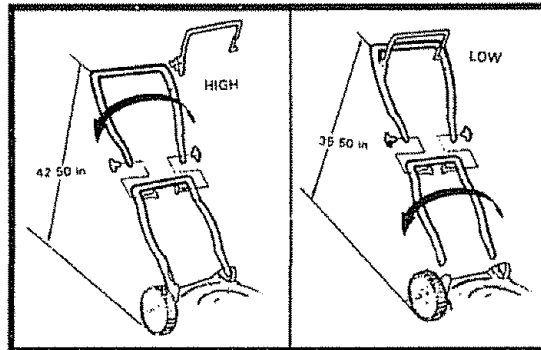


FIG. 15A

FIG. 15B

CAUTION: THE OPERATOR PRESENCE CONTROL BAR MUST PIVOT FREELY TO PERMIT BLADE BRAKE ENGAGEMENT WHEN CONTROL BAR IS RELEASED. DO NOT OVERTIGHTEN THE FASTENERS HOLDING THE CONTROLS TO THE UPPER HANDLE.



- To change from medium low to high position, only the upper handle section will have to be turned over (See Fig. 15A).
- To change from medium low to low position, only the lower handle section will have to be turned over (See Fig. 15B).

NOTE: Handle height positions, as shown in fig. 14A thru fig. 15B, are approximate and are measured from the ground to the top of the handle with the wheels set in the mid-cut position.

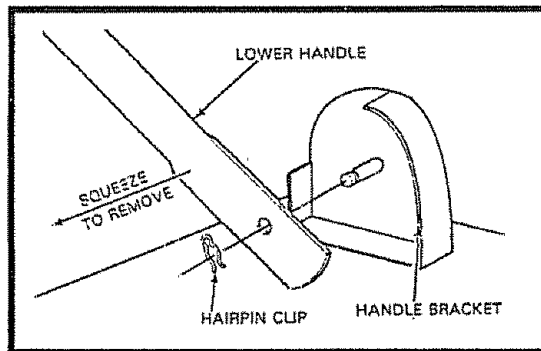


FIG. 16

STORAGE

Your mower and engine should be prepared for off-season storage as follows:

MOWER

- Clean underside of mower housing. (See "Cleaning" in maintenance section of manual.)
- Inspect and replace/sharpen blade, if required (See "Blade/Blade Flange Care" in maintenance section of manual).
- Hose grass catcher off with water and let dry before storing.
- Lubricate as shown in Service Recommendation chart on page 16 of manual.

HANDLE

- You can fold your mower handle for storage as shown in Fig. 17.
- To fold, squeeze the bottom ends of the lower handle toward each other until the lower handle clears the handle bracket, then move handle forward (See Fig. 18).

IMPORTANT: WHEN FOLDING THE HANDLE FOR STORAGE OR TRANSPORTATION, BE SURE TO FOLD THE HANDLE AS SHOWN IN FIG. 17. IF YOU FOLD THE UPPER HANDLE SECTION THE WRONG WAY, YOU MAY DAMAGE THE CONTROL CABLES.

ENGINE

- Change oil (See "To Change Oil" in maintenance section of manual).
- Drain Fuel and Run Engine until fuel system is empty.

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

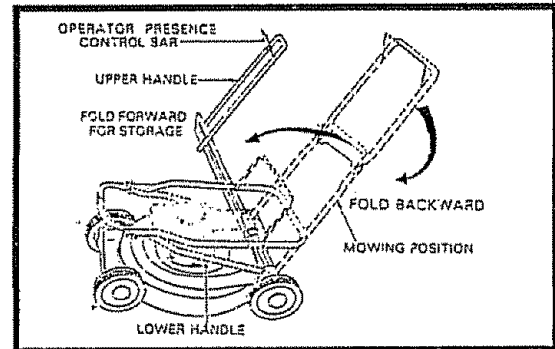


FIG. 17

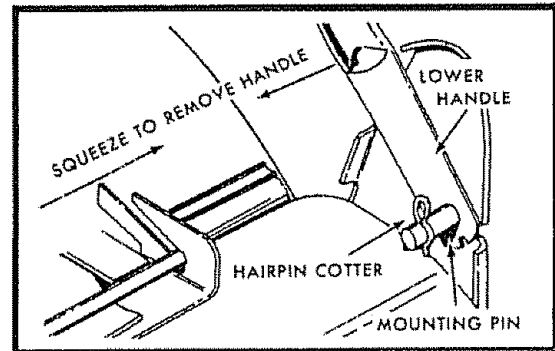


FIG. 18

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 can cause problems.
- Do not store your mower under any plastic cover. Plastic cannot breathe which allows condensation to form and can cause your mower to rust.
- When setting up your handle from the storage position, the lower handle will automatically lock into the mowing position.

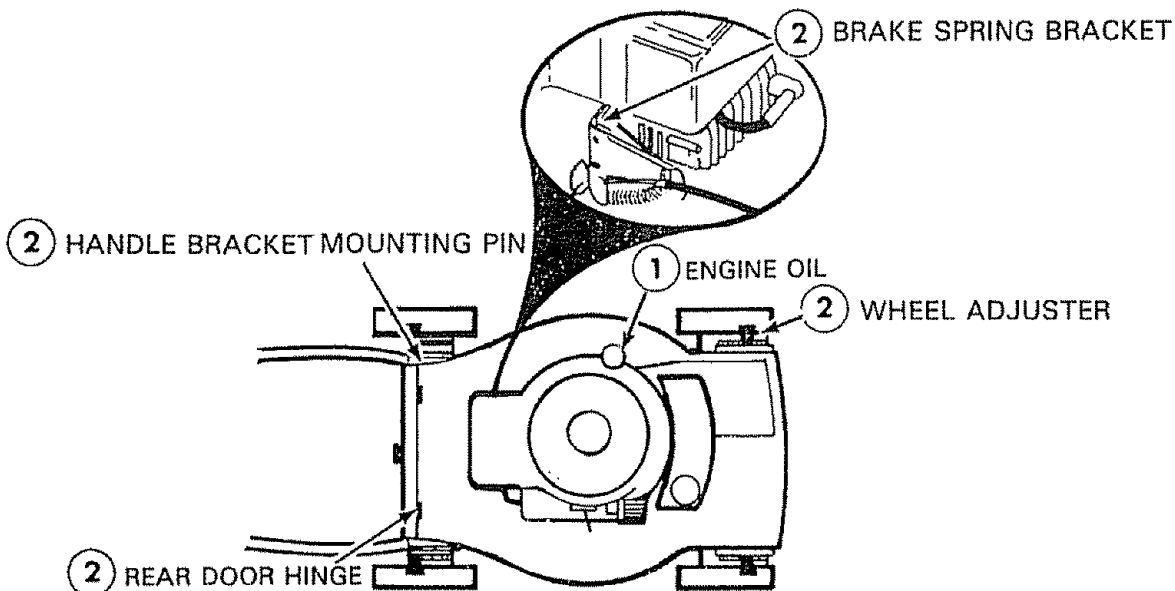
SERVICE RECOMMENDATIONS

SERVICE RECORD Fill in dates as you complete regular service	SCHEDULE					SERVICE DATES		
	First 2 Hours	Every 10 Hours	Every 25 Hours	Every 50 Hours	Every Use			
Blades Sharpened		✓						
Blades Replaced			✓					
Engine Oil Change	✓		✓					
Engine Oil Check					✓			
Air Cleaner Replaced			✓					
Spark Plug Replaced			✓					
Lubricate Mower			✓					
Cleaning					✓			
Grass Catcher (if applicable)			✓					
Muffler			✓					
Belt & Pulley				✓				

✓ - CHECK

LUBRICATION CHART

- ① SAE 30W MOTOR OIL
(10W 30)
- ② SPRAY LUBRICANT



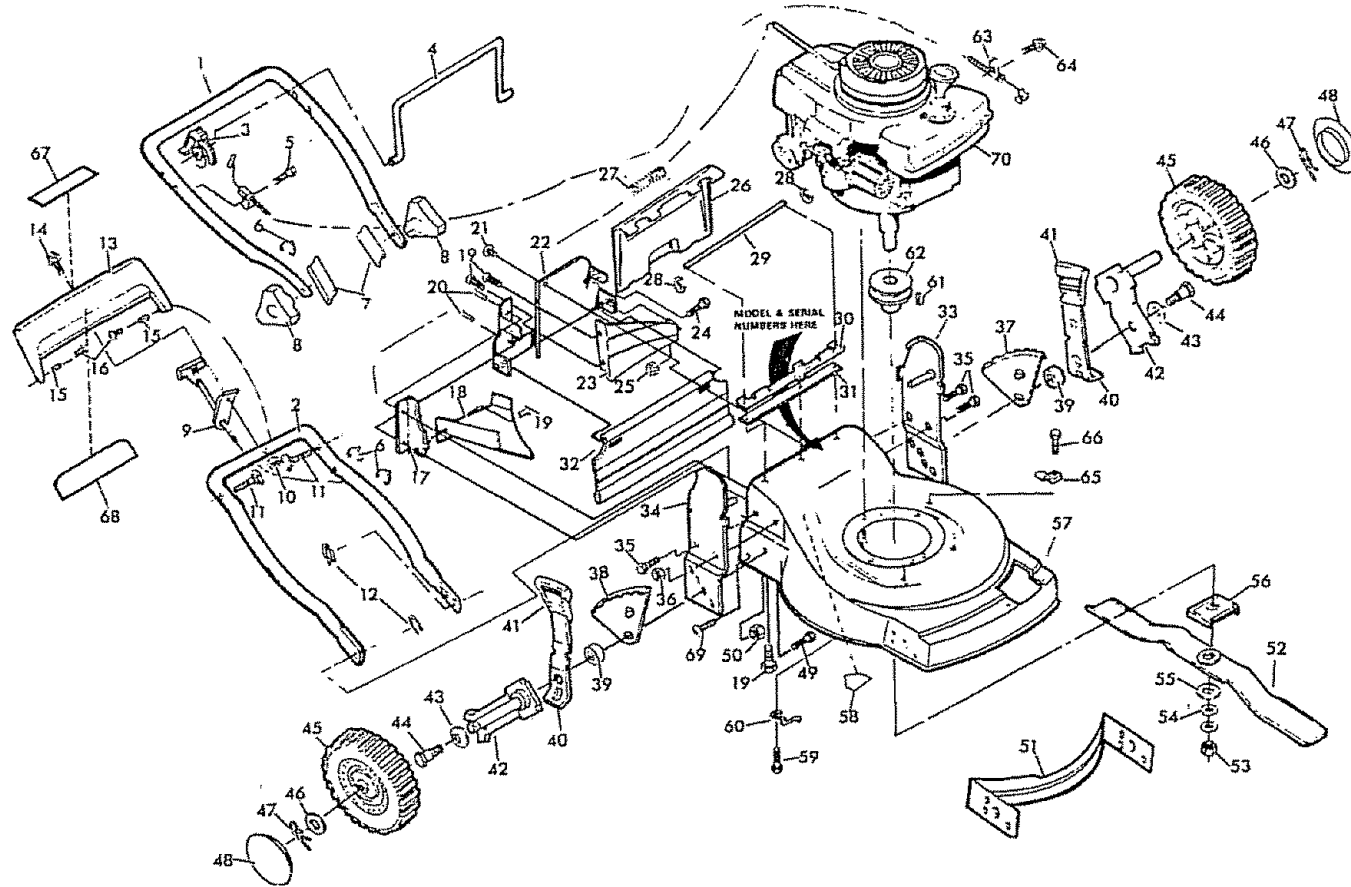
TROUBLE SHOOTING POINTS

PROBLEM	CAUSE	CORRECTION
Does not Start	<ol style="list-style-type: none"> 1. Dirty Air Filter. 2. Out of gasoline. 3. Stale Gasoline. 4. Spark plug wire is disconnected from the spark plug. 5. Bad spark plug. 6. Water in gasoline. 7. Loose blade or broken blade flange. 8. Operator Presence Control Bar in released position. 9. Operator Presence Control Bar defective. 	<ol style="list-style-type: none"> 1. Replace Air Filter 2. Fill gasoline tank. 3. Drain gas tank and refill with fresh gasoline. 4. Connect wire to spark plug. 5. Replace spark plug. 6. Drain tank and refill with fresh, clean gasoline 7. Tighten blade nut and/or replace blade flange. 8. Depress Operator Presence Control Bar 9. Replace Operator Presence Control Bar
Loss of Power	<ol style="list-style-type: none"> 1. Rear of mower housing/blade dragging in heavy grass. 2. Cutting too much grass. 3. Dirty air filter 4. Build-up of grass, leaves, and trash under mower housing. 5. Walking speed too fast. 6. Too much oil in engine. 	<ol style="list-style-type: none"> 1. Raise rear of mower housing one (1) setting higher than front. 2. Set in "Higher Cut" position. 3. Clean or replace air filter. 4. Disconnect spark plug wire and clean underside of mower housing. 5. Cut at slower walking speed. 6. Check engine oil level.
Poor cut- Uneven	<ol style="list-style-type: none"> 1. Worn, bent or loose blade. 2. Wheel heights uneven. 3. Low engine speed. 4. Build-up of grass, leaves and trash under mower housing. 	<ol style="list-style-type: none"> 1. Replace blade. Tighten blade nut. 2. Set all wheels at same height. 3. Set engine speed selector on "HIGH" or "FAST". 4. Disconnect spark plug wire & clean underside of mower housing.
Too much Vibration	<ol style="list-style-type: none"> 1. Worn or bent blade. 2. Loose blade. 3. Bent engine crankshaft. 	<ol style="list-style-type: none"> 1. Replace blade. 2. Tighten blade nut. 3. Contact Sears Service Department.
Starter Rope Hard to Pull	<ol style="list-style-type: none"> 1. Flywheel brake is on when Operator Presence Control Bar is released. 2. Bent engine crankshaft. 3. Blade flange sheared. 4. Blade dragging in grass. 	<ol style="list-style-type: none"> 1. Depress Operator Presence Control Bar to upper handle before pulling on starter rope. 2. Contact Sears Service Department. 3. Replace blade flange. 4. Get over low grass and/or hard surface to start engine.
Catcher Not Filling Completely	<ol style="list-style-type: none"> 1. Cutting height too low. 2. Lift on blade worn off. 3. Catcher bag dirty, poor air venting. 4. Low engine speed. 	<ol style="list-style-type: none"> 1. Raise cutting height. 2. Replace blade. 3. Clean/replace catcher bag. (If optional grass catcher is being used). 4. Set engine speed selector on "HIGH" or "FAST".
HARD TO PUSH	<ol style="list-style-type: none"> 1. High Grass or cutting height too low. 2. Rear of mower housing/blade dragging in heavy grass. 3. Grass catcher too full. 4. Handle height position not right for you. 	<ol style="list-style-type: none"> 1. Raise cutting height. 2. Raise rear of mower housing one (1) setting higher than front. 3. Empty grass catcher. 4. Adjust handle height to suit.

REPAIR PARTS

CRAFTSMAN 22" ROTARY LAWN MOWER 917.372270

18



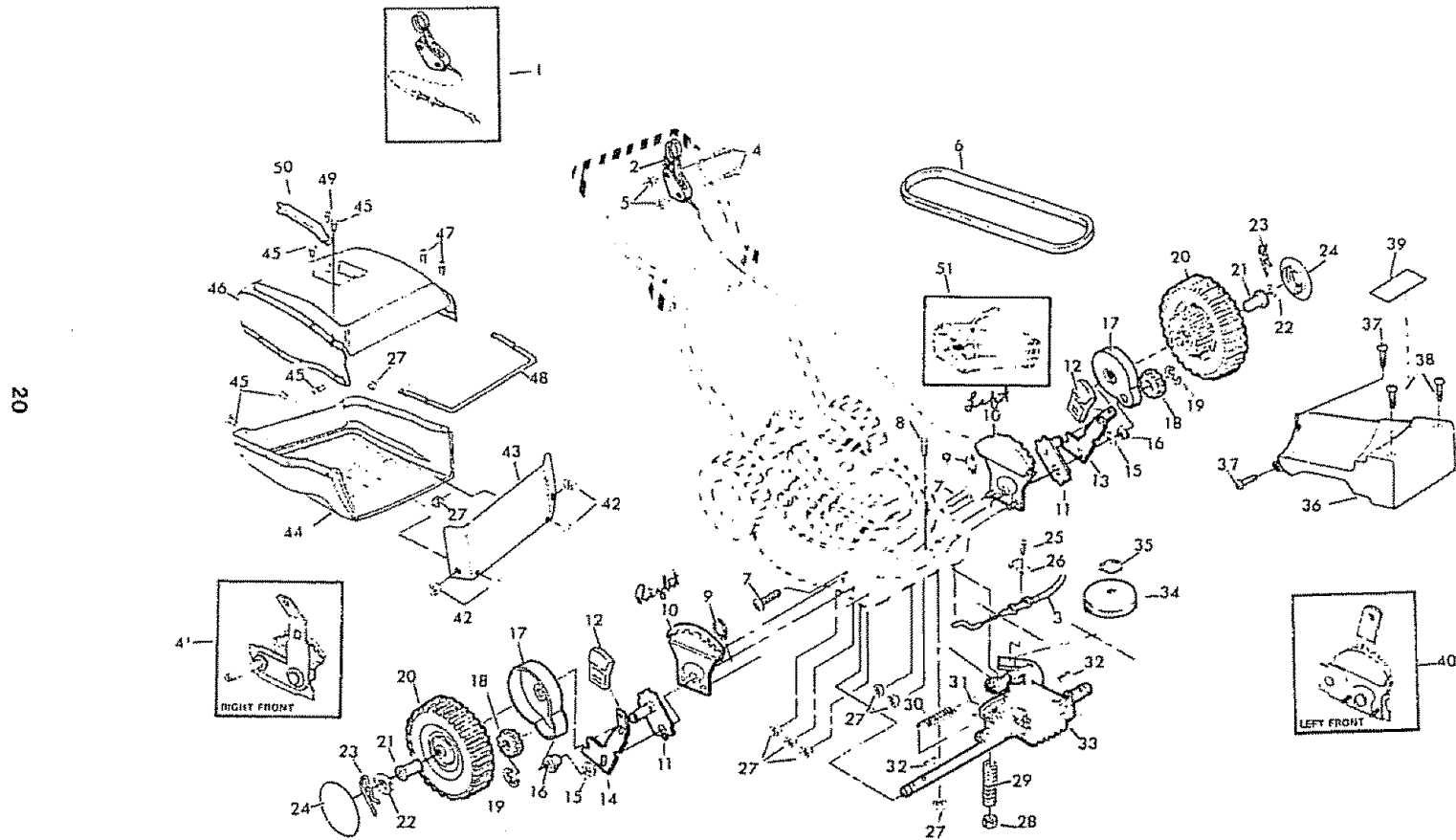
REPAIR PARTS

CRAFTSMAN 22" ROTARY LAWN MOWER 917.372270

Ref. No.	PART No.	Part Name	Ref. No.	Part No.	Part Name
1	750081	Upper Handle	35	55187	Thread Cutting Screw 5/16-18 x 3/4
2	700054	Lower Handle			Locknut 5/16-18
3	86874	Zone Control	36	63124	Wheel Adjusting Bracket (Left) 88641
4	84089	Bail Control	37	750016	Wheel Adjusting Bracket (Right) 88642
5	85768	Hex Thread Rolling Screw 10-24 x 3/4	38	750045	Spacer
			39	84920	Selector Spring
6	85827	Cable Clip	40	86929	Selector Knob
7	700148	Handle Pad	41	77865	Axle Arm Assembly
8	63688	Handle Knob	42	87887	Spring Washer
9	34372A	Bracket rope Guide (See Engine Parts List) (Source 143)	43	62335	Shoulder Bolt
			44	84921	Wheel & Tire Assembly 9 x 2
10	63601	Locknut 1/4-20	45	87727	Washer
11	58714	Handle Bolt 5/16-18 x 1 3/4	46	52160	Retainer Clip
12	51793	Hairpin Cotter	47	55015	Hubcap
13	85424	Trim Plate	48	77400	Carriage Bolt 5/16-18 x 5/8
14	85436	Hex Washer Head Machine Screw 1/4-20 x 1 1/2	49	66238	Locknut 3/8-16
			50	74400	Front Baffle
15	85529	Nylon Bushing	51	87587	Blade 22"
16	85825	Tapping Screw 10-24 x 1	52	69334	Locknut
17	87594	Side Baffle	53	51433	Bellville Washer
18	88669	Discharge Baffle	54	54867	Washer
19	54583	Self Tapping Screw 1/4-20 x 1/2	55	69385	Blade Flange
20	88308	Pop Rivet 1/8 x 3/8	56	87712	Mower Housing (Inc. Ref. 17, 22, 25 & 51)
21	81283	Self Tapping Screw 10-24 x 3/8	57	48108	Danger Decal
22	88644	Back Plate	58	85463	Hex Head Screw 5/16-18 x 7/8
23	87596	Rear Baffle	59	68205	Belt Snubber
24	41945	Threaded Screw 10-24 x 1/2	60	83629	Hi Pro Key #HP-505
25	69180	Locknut 10-24	61	87677	Engine Pulley
26	87760	Rear Door (Use 48137 Door & Hinge Kit)	62	85543	Cable Assembly
			63	85446	Hex Head Machine Screw 10-32 x 9/32
			64	83813	Cable Clip
27	87145	Spring	65	70385	Hex Head Tapping Screw 10-24 x 1/2
28	51959	E-Ring	66	81276	Instruction Decal
29	87569	Hinge Rod	67	87272	Trim Plate Decal
30	87626	Hinge Bracket (Use 48137 Door & Hinge Kit)	68	85425	Hinge Screw
31	88653	Sealing Strip	69	88652	Engine Assembly 143.394232 (See Pages 22-24)
32	88667	Rear Skirt	70	750036	Owners Manual
33	86914	Handle Bracket Assembly (Left)			
34	86915	Handle Bracket Assembly (Right)		750039	

REPAIR PARTS

CRAFTSMAN 22" ROTARY LAWN MOWER 917.372270

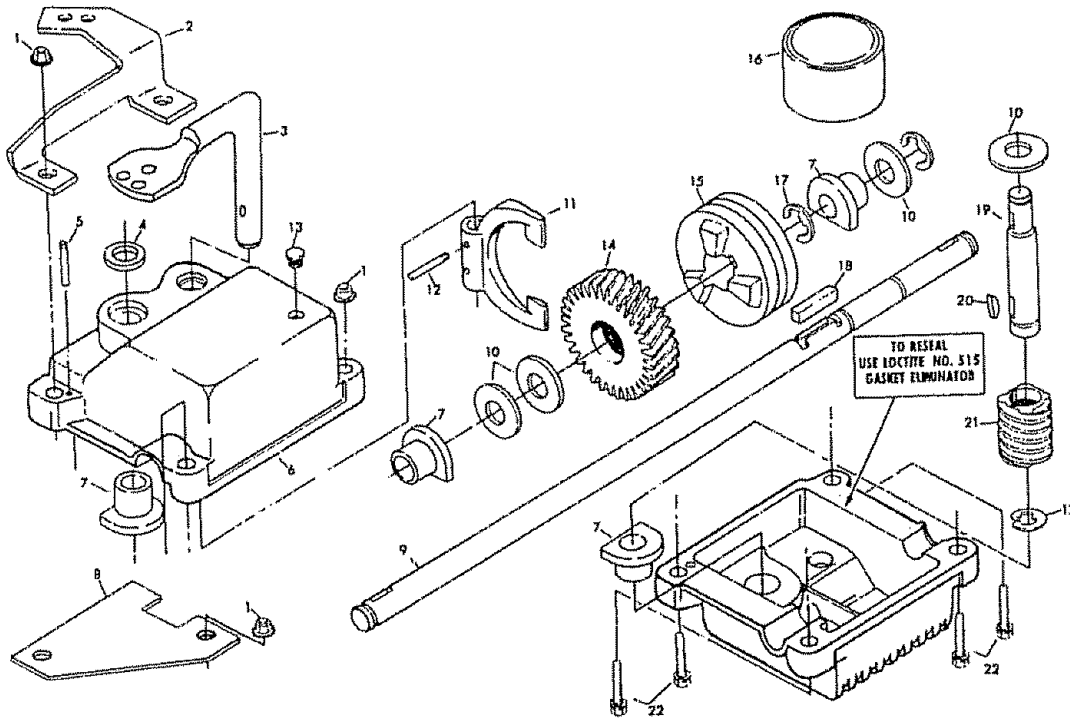


REPAIR PARTS

CRAFTSMAN 22" ROTARY LAWN MOWER 917.372270

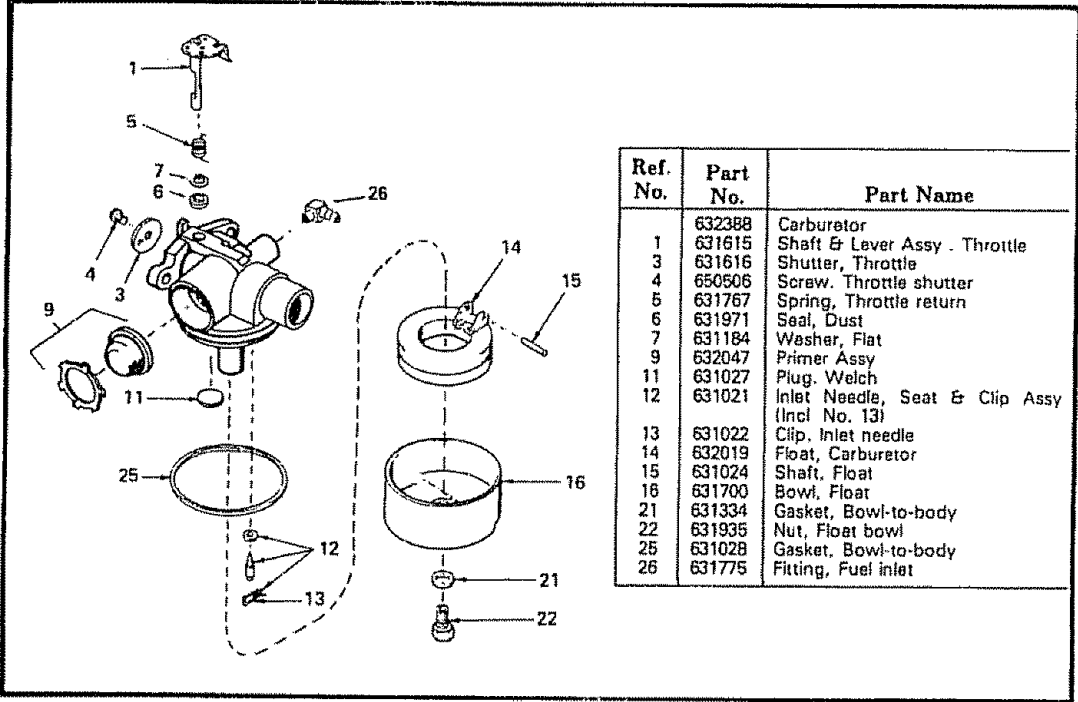
Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
1	87025	Drive Control	27	63601	Locknut 1/4-20
2	48029	Drive Head Kit	28	68038	Locknut 1/4-20
3	48030	Drive Control Cable Kit	29	87569	Spring - 53632
4	750029	Machine Screw 10-24 x 2	30	75192	Spring
5	74189	Locknut 10-24	31	57076	Woodruff Key #213
6	83691	V-Belt	32	65692	Woodruff Key #3
7	61528	Flat Head Machine Screw 1/4-20 x 3/4	33	48128	Gear Case Replacement Kit
8	54338	Hex Head Bolt 1/4-20 x 3/4	34	83681	Drive Pulley
9	STD582087	Retaining Ring	35	74976	Retaining Ring
10	86941	Wheel Adjusting Bracket <i>Right 750015</i>	36	87691	Drive Cover
11	88285	Axle Arm Assembly <i>Left 750016</i>	37	87866	Pan Head Tapping Screw 10-24 x 2 3/4
12	77865	Knob	38	750097	Hex Head Tapping Screw 10-24 x 1/2
13	86937	Selector Spring (Left)	39	87885	Drive Cover Decal
14	86939	Selector Spring (Right)	40	48095	Wheel Adjuster Assembly (Left)
15	86274	Spring Washer	41	48096	Wheel Adjuster Assembly (Right)
16	86273	Spacer Bearing	42	69180	Locknut 10-24
17	76401	Dust Cover	43	87682	Catcher Baffle
18	74507	Pinion	44	87679	Catcher Bottom
19	STD581050	E-Ring	45	87873	Truss Head Screw 10-24 x 5/8
20	87729	Wheel & Tire Assembly 8 x 2	46	87678	Catcher Top
21	86960	Bushing	47	700216	Self Tapping Screw 10-24 x 5/8
22	52160	Washer	48	87871	Catcher Frame
23	55015	Retainer Clip	49	87870	Truss Head Screw 1/4-20 x 5/8
24	77400	Hubcap	50	103227X	Catcher Handle
25	750108	Hex Washer Head Tapping Screw 10-24 x 3/8	51		Clipping Deflector Accessory (not included with mower) 71 33303
26	83700	Cable Clamp			

GEAR CASE ASSEMBLY PART NUMBER 88448



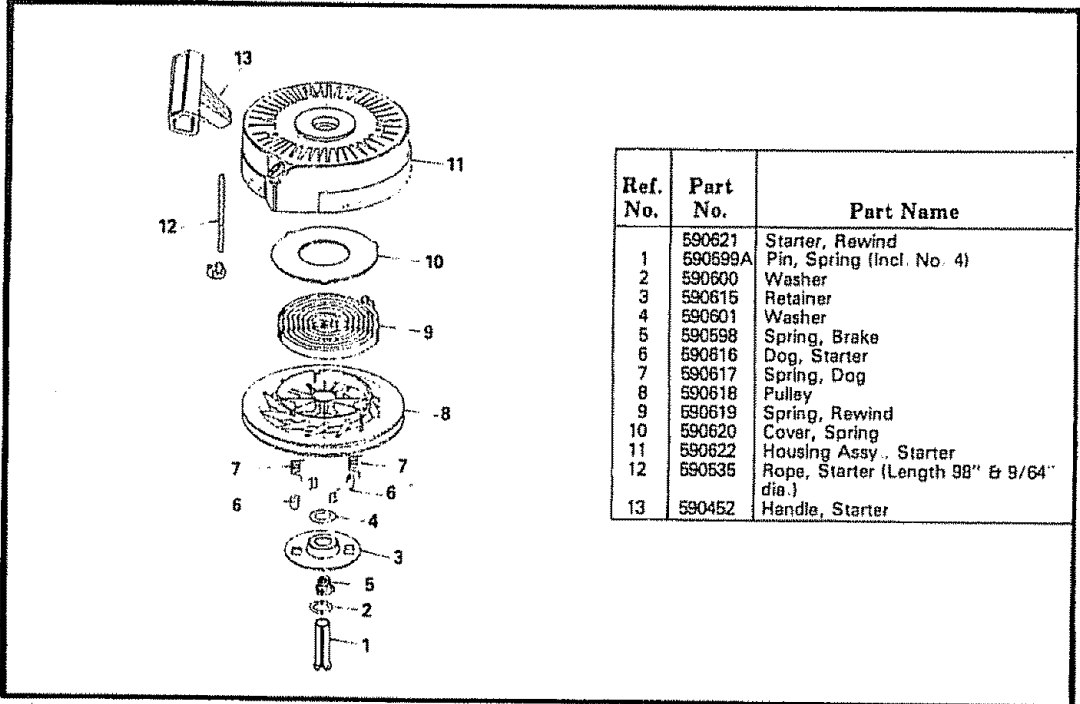
Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
1	53838	Keps Locknut 1/4-20	12	87822	Grooved Pin 1/8 x 3/4
2	85178	Adjusting Bracket	13	86447	Plug
3	88386	Shifter Assembly	14	83659	Helical Gear
4	57072	Seal	15	75424	Jaw Clutch
5	57388	Grooved Pin 1/8 x 1/2	16	63304	Grease
6	48032	Gear Case Halves (Inc. Upper & Lower Halves) (Incl. Ref. 4, 5, 7)	17	STD581050	E-Ring
7	77881	Bearing	18	83684	Square Key
8	77039	Spring Bracket	19	83720	Worm Shaft
9	79946	Drive Shaft Gear	20	65692	Woodruff Key #3
10	57079	Hardened Washer	21	83680	Worm
11	75144	Yoke Clutch	22	STD522512	Hex Head Screw 1/4-20 x 1 1/4

CARBURETOR NO. 632388



Ref. No.	Part No.	Part Name
	632388	Carburetor
1	631615	Shaft & Lever Assy - Throttle
3	631616	Shutter, Throttle
4	650506	Screw, Throttle shutter
5	631767	Spring, Throttle return
6	631971	Seal, Dust
7	631184	Washer, Flat
9	632047	Primer Assy
11	631027	Plug, Welch
12	631021	Inlet Needle, Seat & Clip Assy (Incl No. 13)
13	631022	Clip, Inlet needle
14	632019	Float, Carburetor
15	631024	Shaft, Float
16	631700	Bowl, Float
21	631334	Gasket, Bowl-to-body
22	631935	Nut, Float bowl
25	631028	Gasket, Bowl-to-body
26	631775	Fitting, Fuel inlet

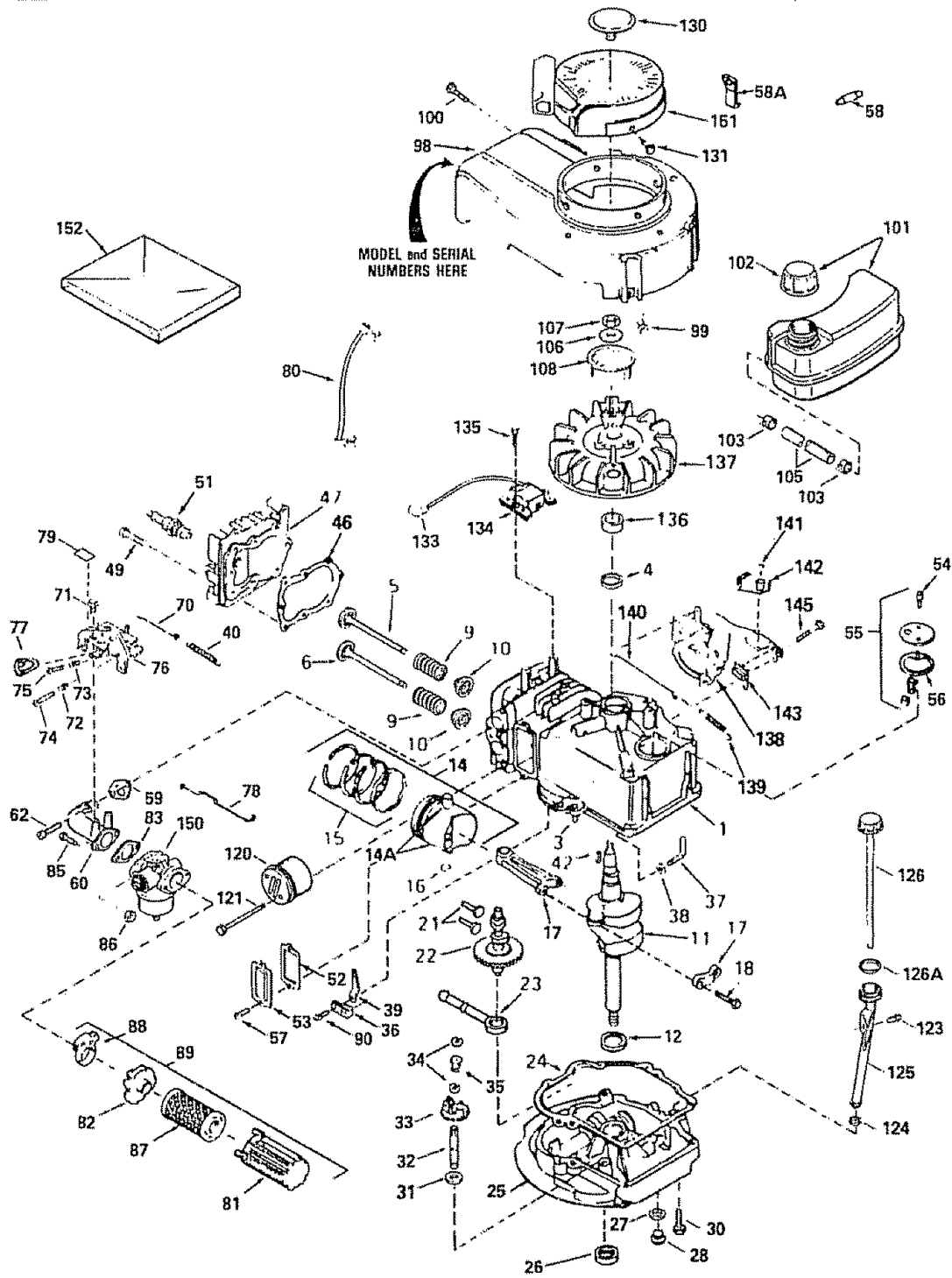
REWIND STARTER NO. 590621



Ref. No.	Part No.	Part Name
	590621	Starter, Rewind
1	590599A	Pin, Spring (Incl. No. 4)
2	590600	Washer
3	590615	Retainer
4	590601	Washer
5	590598	Spring, Brake
6	590816	Dog, Starter
7	590617	Spring, Dog
8	590618	Pulley
9	590619	Spring, Rewind
10	590620	Cover, Spring
11	590622	Housing Assy., Starter
12	590535	Rope, Starter (Length 98" & 9/64" dia.)
13	590452	Handle, Starter

CRAFTSMAN 4-CYCLE ENGINE

MODEL NUMBER: 143.394232



CRAFTSMAN 4-CYCLE ENGINE

MODEL NUMBER: 143.394232

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
1	34959	Cylinder Assy (Incl Nos 3, 4, 54, 55 & 56)	71	30200	Screw, Hex washer hd Sems. self-tapping, 10-24 x 9/16
3	26727	Pin, Dowel	72	33802	Spring, Compression
4	32600	Seal, Oil	73	31342	Spring, Compression
5	29314B	Valve, Intake (Std.) (Incl No. 10)	74	650777	Screw, Fil hd, 6-32 x 21 32
5	29315C	Valve, Intake (1/32" oversize) (Incl No 10)	75	650649	Screw, Fil hd, 5-40 x 7 16
6	29313C	Valve, Exhaust (Std.) (Incl No. 10)	76	35727	Control Assy, Speed (Incl Nos 72, 73, 74 & 75)
6	29315C	Valve, Exhaust (1/32" oversize) (Incl No 10)	77	32410	Knob, Speed control
9	31672	Spring, Valve	78	34336	Link, Governor-to-throttle
10	31673	Cap, Lower valve spring	79	35167	Dial, Instruction
11	35175	Crankshaft	80	34961	Wire, Ground
12	32323	Washer, Thrust	81	35065	Cover, Air cleaner
14	35544	Piston, Pin & Ring Assy (Std.) (Incl Nos 14A, 15 & 16)	82	35067	Collar, Air cleaner
14	35545	Piston, Pin & Ring Assy, (.010 oversize) (Incl. Nos. 14A, 15 & 16)	83	*26756	Gasket, Carburetor
14	35546	Piston, Pin & Ring Assy, (.020 oversize) (Incl. Nos 14A, 15 & 16)	85	6201	Screw, Hex hd, 1 4-28 x 7 8
14A	35541	Piston & Pin Assy, (Std.) (Incl. No. 16)	86	29752	Nut & Lockwasher 1 4-28
14A	35542	Piston & Pin Assy (.010 oversize) (Incl. No. 16)	87	35066	Filter, Air cleaner
14A	35543	Piston & Pin Assy (.020 oversize) (Incl. No. 16)	88	35068	Clamp, Air cleaner
15	35547	Ring Set, Piston (Std.)	89	3331	Air Cleaner Kit (Incl Nos 81, 82, 87 & 88)
15	35548	Ring Set, Piston (.010 oversize)	90	650548	Screw, Hex washer hd, 8-32 x 5 16
15	35549	Ring Set, Piston (.020 oversize)	98	35478	Housing, Blower
16	20381	Ring, Piston pin retaining	99	650631	Screw, Hex washer hd Powerlock thread, 1-4-20 x 15 32
17	30963B	Rod Assy, Connecting (Incl. No. 18)	100	30200	Screw, Hex washer hd Sems self-tapping, 10-24 x 9 16
18	32610A	Bolt, Connecting rod	101	35586	Tank Assy., Fuel (Incl No. 102 & 103)
21	27241	Lifter, Valve	102	35355	Cap, Fuel tank
22	33148A	Camshaft (Compression Release)	103	26460	Clamp, Fuel line
23	29914	Pump Assy, Oil	105	34357	Line, Fuel
24	*35261	Gasket, Mounting flange	106	650815	Washer, Belleville
25	34311B	Flange Assy, Mounting (Incl Nos 26, 27, 28, 32)	107	650816	Nut, Flywheel
26	27897	Seal, Oil	108	35000	Hub, Starter
27	*28833	Gasket, Oil drain plug	120	27181B	Muffler Assy (Incl No. 121)
28	30572	Plug, Oil drain	121	650795	Screw, Hex hd, 1 4-20 x 2 1 4
30	650488	Screw, Hex hd Sems, 1/4-20 x 1-1/4	123	650562	Screw, Hex washer hd shake-proof 10-32 x 1 2
31	35479	Washer, Flat	124	34265	Gasket, Oil fill tube
32	30574	Shaft, Mechanical governor	125	35577	Tube Assy, Oil filler
33	30591	Gear Assy, Governor (Incl No. 31)	126	35578	Dipstick, Oil
34	29193	Ring, Retaining	126A	35499	"O" Ring
35	30588A	Spool, Governor	130	35392	Plug, Starter
36	31335	Clamp, Governor lever	131	650884	Screw, Hex washer hd 8-32 x 1 2
37	30589	Rod, Governor (Incl No. 38)	133	610118	Cover, Spark plug
38	28277	Washer, Flat	134	34443A	Solid State Assy
39	31383A	Lever, Governor	135	650814	Screw, Torx hex washer hd Sems 10-24 x 1
40	31361	Spring, Governor	136	34080	Spacer, Flywheel Key
42	611004	Key, Flywheel (Solid State)	137	611112	Flywheel
46	*32643A	Gasket, Cylinder head	138	35015A	Bracket Assy, Brake
47	34335	Head, Cylinder	139	34965	Spring, Extension
49	6021A	Screw, Hex flange hd, 5/16-18 x 1-1/2	140	34966	Link Control
51	35395	Resistor Spark Plug (Champion R.J-19LM or equivalent)	141	32309	Ring, Retaining
52	*27234A	Gasket, Valve spring cover	142	34968	Lever, Brake
53	32755	Cover, Valve spring box	143	610973	Terminal Assy
54	30200	Screw, Hex washer hd. Sems. self-tapping, 10-24 x 9/16	145	650839	Screw, Hex washer hd Powerlock 1/4-20 x 3 8
55	34215	Breather Assy (Incl Nos 54 & 56)	150	632388	Carburetor (Incl No. 83)
56	*32760A	Gasket, Breather	151	590621	Starter, Rewind
57	650128	Screw, Hex hd. Sems. 10-24 x 1/2	152	33238D	Gasket Set (Incl items marked *)
58	34985	Retainer, Starter rope			RPM Speed Settings: Low: 2050; High: 3000
58A	35168	Bracket, Rope guide			*Indicates Parts Included in Gasket Set. Ref No 152
59	*34690A	Gasket, Intake			
60	31384A	Pipe, Intake (Incl. No. 59)			
62	650451	Screw, Hex hd. Sems. 1/4-20 x 1			
70	34337	Link, Governor spring			

NOTES

NOTES

SEARS OWNER'S MANUAL

**MODEL NO.
917.372270**

HOW TO ORDER REPAIR PARTS

CRAFTSMAN®

4.0 RESERVE POWER 22" REAR BAGGER POWER PROPELLED ROTARY LAWN MOWER

Each Lawn Mower has its own model number. Each engine has its own model number.

The model number for your lawn mower will be found on a decal attached to the rear of the mower housing.

The model number for the engine will be found on the Blower Housing of the engine adjacent to the spark plug.

All parts listed herein may be ordered through Sears, Roebuck and Co. Service Centers and most Retail Stores.

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION:

- * PRODUCT - "ROTARY LAWN MOWER"
- * MODEL NUMBER - 917.372270
- * ENGINE MODEL NO. - 143.394232
- * PART NUMBER
- * PART DESCRIPTION

Your Sears merchandise has added value when you consider that Sears has service units nationwide staffed with Sears trained technicians...professional technicians specifically trained on Sears products, having the parts, tools and the equipment to insure that we meet our pledge to you, we service what we sell.

SEARS, ROEBUCK AND CO., Chicago, IL. 60684 U.S.A.