

SEARS

CRAFTSMAN®

MODEL NUMBER 917.372451

OWNER'S MANUAL

- Assembly
- Operation
- Maintenance
- Service
- Adjustments
- Repair Parts

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



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 LAWN MOWER.



IMPORTANT

FEDERAL REGULATIONS REQUIRE OPERATOR PRESENCE BLADE STOP CONTROLS TO MINIMIZE THE RISK OF BLADE CONTACT INJURY. YOUR LAWN 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 lawn mower.
- DO NOT tie the engine 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 lawn mower.
- Check your lawn 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 lawn 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 lawn 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 lawn mower if you hit a foreign object. Stop the engine, disconnect the spark plug wire from the spark plug, inspect the lawn mower for damage and make repairs as required.
- DO NOT use a damaged lawn mower. Always have damage repaired before mowing.
- DO NOT run your lawn mower if it vibrates too much. Stop engine and make repairs. Vibration is an indication of damage.
- Never use your lawn 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 lawn mower.
- DO NOT run your lawn 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 lawn 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 lawn 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 lawn mower or gasoline where fumes may reach an open flame and cause a fire.
- DRAIN THE GASOLINE from your lawn mower before transporting your lawn 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 lawn mower properly. Always observe the "SAFETY RULES".

PRODUCT SPECIFICATIONS

HORSE POWER:	5.0
DISPLACEMENT:	11.57 cu. in.
GASOLINE CAPACITY:	1.5 quarts (Unleaded)
OIL (21 oz. Capacity):	SAE 30 or (SAE 10W30)
SPARK PLUG (GAP .030 in.):	Champion RJ19-LM or Sears 71 33312 or STD 361458 or STD 360950
VALVE CLEARANCE: Intake:	.006 in.
Exhaust:	.008 in.
SOLID STATE IGNITION AIR GAP:	.010 in.
BLADE BOLT TORQUE:	35-40 ft.-lbs.

MODEL
NUMBER 917.372451

SERIAL
NUMBER _____

DATE OF
PURCHASE _____

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

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

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 lawn mower.
- Follow the instructions under "Maintenance" and "Storage" sections of this Owner's Manual.

TWO YEAR LIMITED WARRANTY ON CRAFTSMAN POWER MOWER

For two years 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.

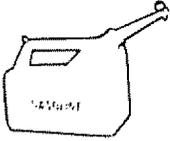
This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

Sears, Roebuck and Company, D/731CR-W, Sears Tower, Chicago, IL 60684

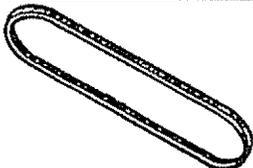
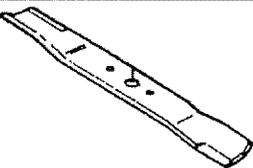
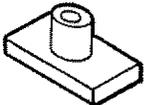
LAWN MOWER ACCESSORIES

These accessories were available when this lawn mower was produced. 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 lawn mower. Some of these accessories may not apply to your lawn mower.

ENGINE

SPARK PLUG	MUFFLER	AIR FILTER	GAS CAN	ENGINE OIL	STABILIZER
					

LAWN MOWER MAINTENANCE

BELT	BLADE	BLADE ADAPTER	WHEELS	LAWN MOWER COVER
				

ASSEMBLY

Your lawn mower has been assembled at the factory except for the Grass Catcher Bag and the Grass Catcher Frame.

TO REMOVE LAWN MOWER FROM CARTON

- Cut down the corners of the carton and lay ends and sides down.
- Cut the plastic wrapping and remove from over Handles and lawn mower.
- Remove Catcher Frame, Fabric Bag and Oil Bottle from on top of lawn mower.
- Remove Engine Cover and discard.
- Lift lawn mower off of shipping base and check carton for loose parts.

HOW TO SET-UP YOUR LAWN MOWER

TO UNFOLD HANDLE

Remove any packing material from around Control Bars.

- Raise Lower Handle section until it is in the upright storage detents (See Fig. 2).
- Raise Upper Handle section until it is in-line with Lower Handle and tighten one Handle Knob (See Fig. 1).
- Lower the entire Handle Assembly to the mowing position and engage the Height Adjustment Links onto the Handle Bracket Pins (See Fig. 2). See "Adjust Handle" section, page 16 to select the most comfortable Lawn Mower Handle position. Be sure both sides are in same adjustment hole.

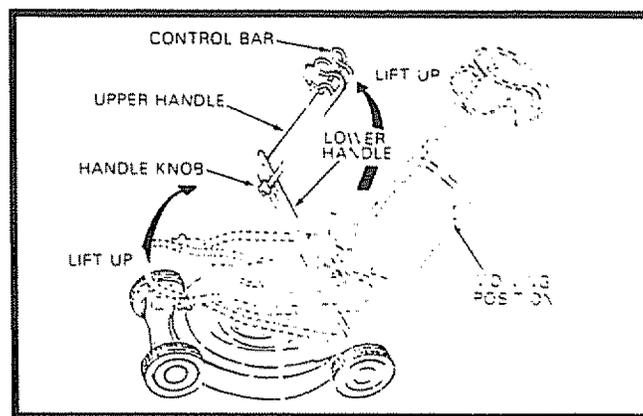


FIG. 1

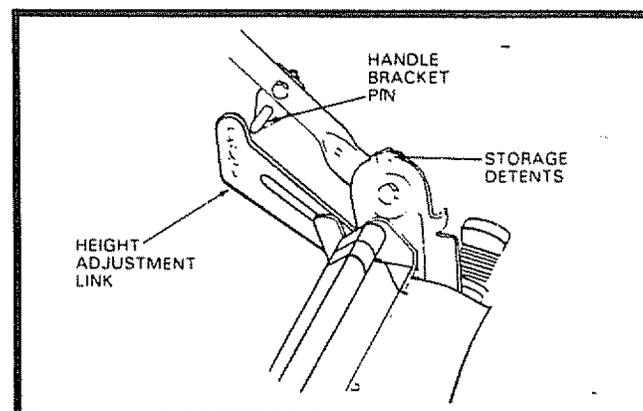


FIG. 2

ASSEMBLY

TO UNFOLD HANDLE (CONT'D)

- Your lawn mower has been shipped with Protective Handle Pads placed between the upper and lower sections of the Handle. For best lawn mower performance these Pads need to be discarded after the Handle is placed in the mowing position.
- Once the Handle is in the mowing position, remove the Handle Knob, Handle Bolt and Protective Pad from the side with the loose Handle Knob. (Make sure the other side is tight to support the Upper Handle).
- Discard the Pad and reinstall the Handle Bolt and Knob--Tighten securely.
- Loosen and remove the Handle Knob, Handle Bolt and Protective Pad from the other side and discard the Pad.
- Reinstall the Handle Bolt and Knob-- Tighten securely. Now your Handles should be clamped together without the Protective Pads.

TO ASSEMBLE & ATTACH GRASS CATCHER

- Put Grass Catcher Frame into Grass Bag with stiff part of Bag on the bottom (See Fig. 3). Make sure the Frame Handle is outside of the Bag top.
- Slip vinyl bindings over Frame (See Fig. 3).
- If vinyl bindings are too stiff, hold them in warm water for a few minutes. If Bag gets wet, let it dry before using.
- Lift the Rear Door of the lawn mower and place the Catcher Frame Side Hooks onto the Handle Bracket Hooks (See Fig. 4).
- The Grass Catcher is secured to the Lawn Mower Housing when the Rear Door is lowered onto the Grass Catcher Frame.

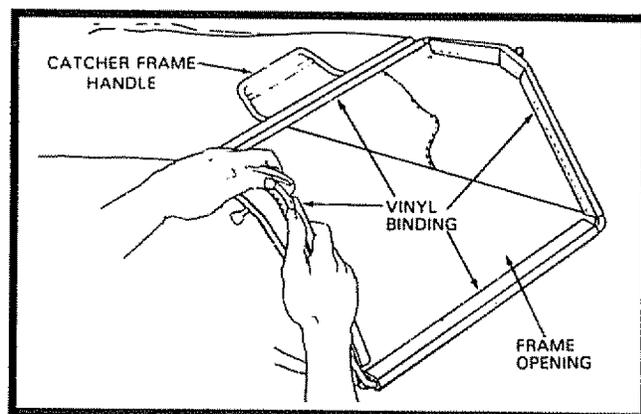


FIG. 3

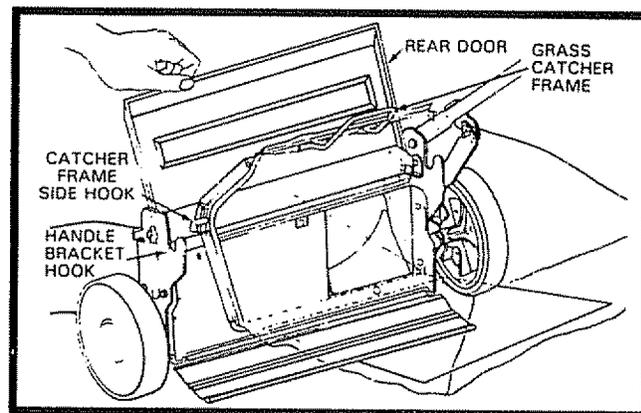


FIG. 4



CAUTION: DO NOT RUN YOUR LAWN MOWER WITHOUT CLIPPING DEFLECTOR OR APPROVED GRASS CATCHER IN PLACE. NEVER ATTEMPT TO OPERATE THE LAWN MOWER WITH THE REAR DOOR REMOVED OR PROPPED OPEN.

THINGS TO CHECK BEFORE MOWING

- The Drive Control has provisions for adjustments.
- See "TO ADJUST DRIVE CONTROL" section under "SERVICE AND ADJUSTMENTS" section on page 15.
- Checking this adjustment is only a precaution that your new lawn mower is properly prepared for use.

OPERATION

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.

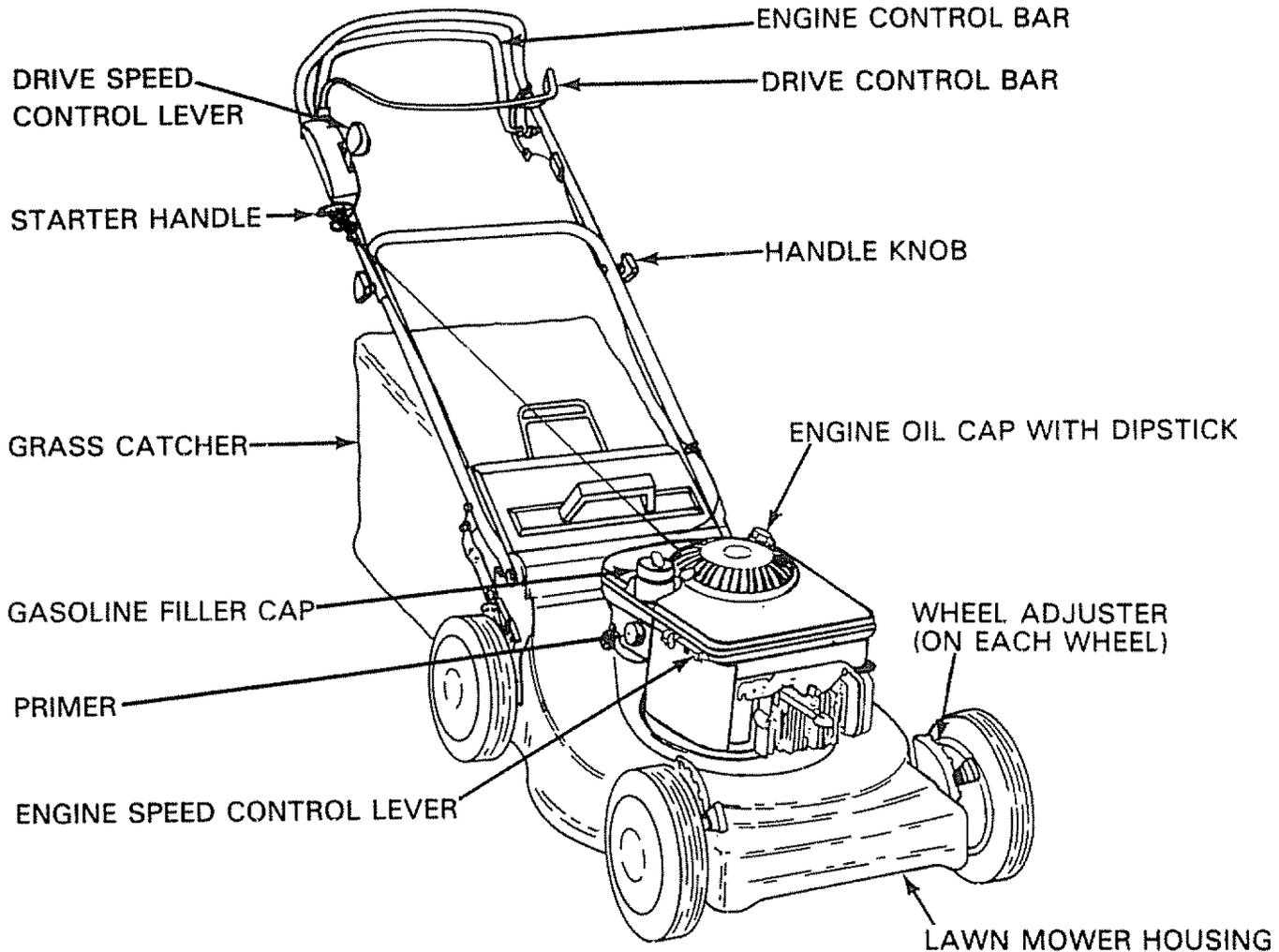


FIG. 5

MEETS CPSC SAFETY REQUIREMENTS

Sears Rotary Walk-Behind Power Lawn Mowers conform to the safety standards of the American National Standards Institute and the U.S. Consumer Product Safety Commission. The blade turns when the engine is running.

ENGINE CONTROL BAR - must be held to the handle to start the engine. Release to stop the engine.

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

DRIVE SPEED CONTROL LEVER - used to select the drive speed of your lawn mower.

STARTER HANDLE - used for starting the engine.

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

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

OPERATION

HOW TO USE YOUR LAWN MOWER

ENGINE SPEED CONTROL

The engine speed is controlled by a lever (red knob) located on the right side of the engine (See Fig. 6).

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 Engine Control Bar which requires the operator to be positioned behind the Lawn Mower Handle to start and operate the lawn mower (See Fig. 9).

GROUND DRIVE FOUR SPEEDS

Your lawn mower provides four (4) speeds to let you select the speed that suits you best.

- Your engine is equipped with a Variable Speed Throttle.
- The Drive Speed Selector Lever can be changed while you are mowing.
- Speeds 1 and 2 are found when the Engine Speed Control (red) Lever is set between "HIGH" and "LOW" positions (See Figs. 6 & 7).
- Speeds 1 and 2 are for slower, light grass cutting, trimming and quiet operation.
- Speeds 3 and 4 are found when the Engine Speed Control (red) Lever is in "HIGH" position (See Figs. 6 & 7).
- Speed 3 is for slow, heavy/thick grass cutting or trimming.
- Speed 4 is for normal cutting and bagging and for ground transport.

IMPORTANT: DO NOT ATTEMPT TO SHIFT SPEEDS WITH THE DRIVE CONTROL BAR ENGAGED UNLESS THE ENGINE IS RUNNING.

TO OPERATE DRIVE SYSTEM

- Select ground speed by moving Drive Speed Lever to 1-3 or 2-4 position and selecting either HI or LOW engine speed.
- 1-3 is slower and 2-4 is faster.

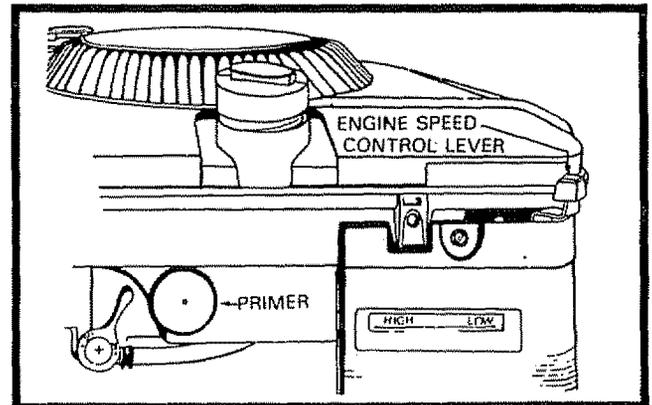


FIG. 6

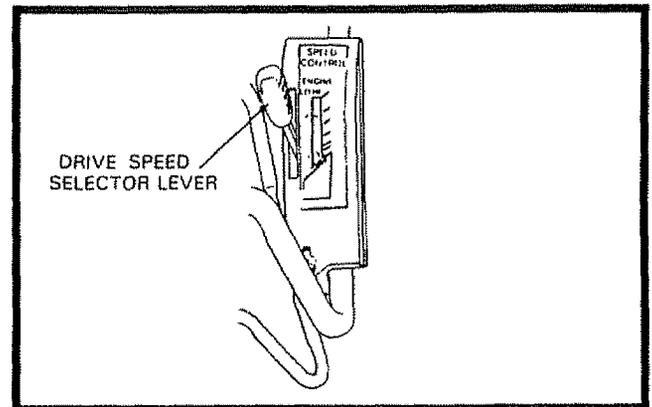


FIG. 7

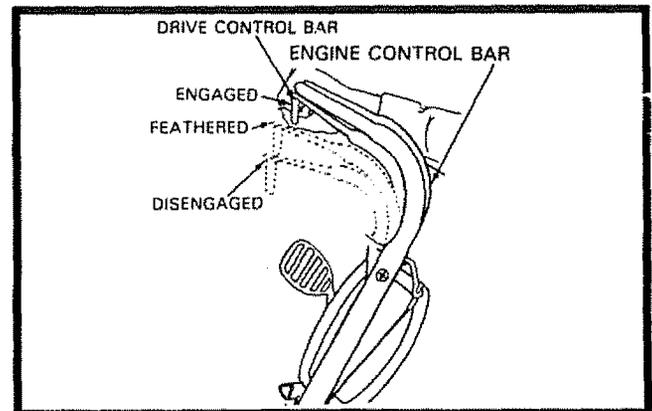


FIG. 8

- The ground speed may be selected either when standing or moving.
- To start forward motion, slowly pull up Drive Control Bar to the Handle (See Fig. 8).
- To slow or stop forward motion let the Drive Control Bar move forward away from Handle.
- To stop forward motion release Drive Control Bar (See Fig. 8).

OPERATION

TO OPERATE DRIVE SYSTEM (CONT'D)

- By slightly releasing the Drive Control Bar, the Drive can be slowed or "feathered" so you may make turns around obstacles or at end of rows (See Fig. 8).

TO EMPTY GRASS CATCHER

- To remove Grass Catcher, release Engine Control Bar to stop engine (See Fig. 9).
- Lift up Rear Door and remove the Grass Catcher by the Handle.
- Empty by shaking Catcher with open end downward (See Fig. 10).

NOTE: Do not drag the Bag when emptying; it will cause unnecessary wear.

TO ADJUST CUTTING HEIGHT

- Raise Wheels for low cut and lower Wheels for high cut.
- Wheels are set in a 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. 11).

BEFORE STARTING ENGINE

OIL:

A 20 oz. bottle of Pennzoil SAE 30 Oil is included with your new lawn mower.

- Remove Engine Oil Cap with dipstick (See Fig. 12) and fill to the FULL line on the dipstick.
- Use 20 ozs. of SAE 30 oil. SAE 10W 30 oil can also be used.
- **POUR OIL SLOWLY. DO NOT OVERFILL.**
- Check oil level before each use. Add oil if needed. Fill to FULL line on dipstick.
- To read proper level, tighten Engine Oil Cap each time.
- Reinstall Engine Oil Cap and tighten.
- After the first two (2) hours of mowing, change the oil, and every 25 hours thereafter. You may need to change the oil more often under dusty, dirty conditions.

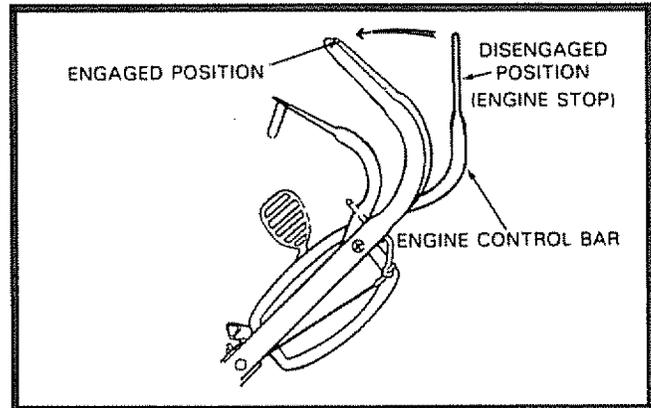


FIG. 9

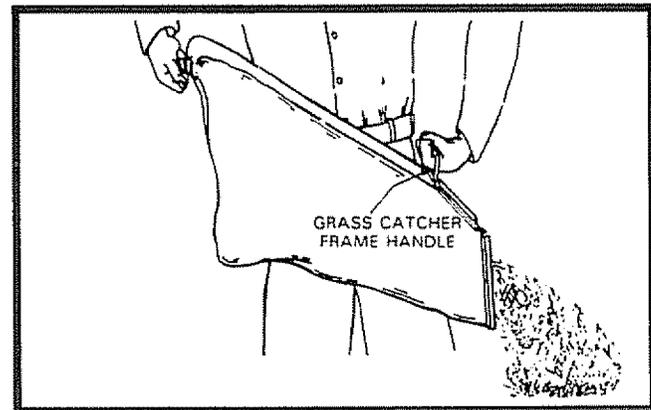


FIG. 10

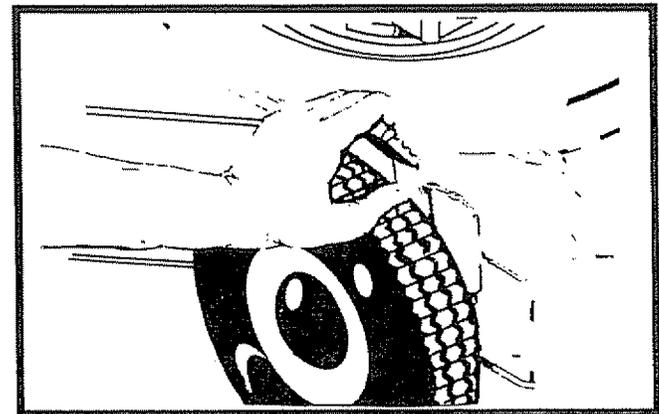


FIG. 11

OPERATION

BEFORE STARTING ENGINE (CONT'D)

GAS:

- Fill gasoline tank with fresh, clean unleaded gasoline. **DO NOT USE PREMIUM GASOLINE. BE CAREFUL NOT TO OVERFILL TANK (SEE FIG. 12).**

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

- Make sure Fuel Shut-Off Valve is open (See Fig. 12).
- To start a cold engine, push Primer five (5) times before trying to start. Use a firm push being sure to cover the hole in the Primer Bulb with your finger. This step is not usually necessary when starting an engine which has already run for a few minutes.
- Push Engine Speed Control Lever to HIGH position.
- Hold Engine Control Bar down to the Handle and pull Starter Handle quickly. Do not allow Rope to snap back.
- To STOP engine, release Engine 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.

NOTE: Close Fuel Shut-Off Valve when equipment is not in operation (See Fig. 12).

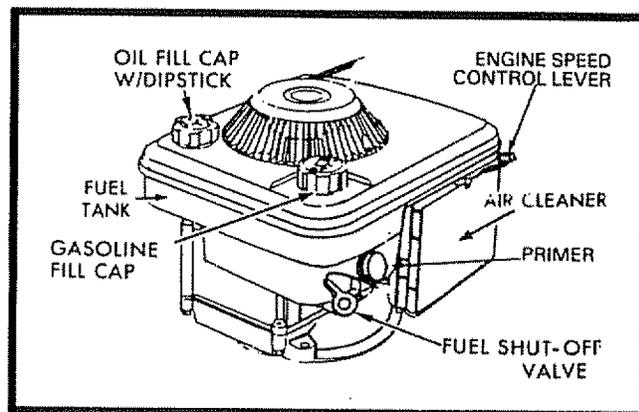


FIG. 12

MOWING TIPS

- Under certain conditions, such as very tall grass, it may be necessary to raise the height of cut and lower the ground speed to keep from overloading the engine and leaving clumps of grass clippings.
- For extremely heavy cutting, reduce the width of cut and raise the rear of the lawn mower housing one (1) wheel adjuster setting higher than the front for better discharge of grass.
- For better grass bagging and most cutting conditions, the engine speed should be set in the "HIGH" (FAST) position.
- When using a rear discharge lawn mower in moist, heavy grass, clumps of cut grass may not enter the grass catcher. Reduce ground speed (pushing speed) and/or run the lawn mower over the area a second time.
- If a trail of grass clippings is left on the right side of a rear discharge lawn mower, mow in a clockwise direction with a small overlap to collect the clippings on the next pass.
- 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.

MAINTENANCE

GENERAL RECOMMENDATION

- Once a year you should replace the Spark Plug, clean or replace 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 18.

LAWN MOWER

BLADE/BLADE ADAPTER CARE

Your lawn 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 lawn mower on its side. Make sure Air Filter and carburetor are down.
- Use block of wood between Blade and Lawn Mower Housing to prevent Blade from turning when removing the Blade Bolt.
- Protect your hands with gloves and/or wrap Blade with heavy cloth.
- Remove Blade Bolt by turning counter-clockwise. Use a 9/16" box or open-end wrench.
- Remove Blade and attaching hardware (Bolt, Lockwasher and Hardened Washer) (See Fig. 13).

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:

- Position the Blade Adapter on the engine crankshaft. Be sure Key in Adapter and Keyway in Crankshaft are aligned.
- Position Blade on to the Blade Adapter aligning the two (2) holes in the Blade with the raised Lugs on the Adapter.

NOTE: Be sure the word TOP (stamped on the Blade) is toward the engine (See Fig. 13).

- Install the Blade Bolt with the Lockwasher and Hardened Washer into Blade Adapter and Crankshaft (See Fig. 13).

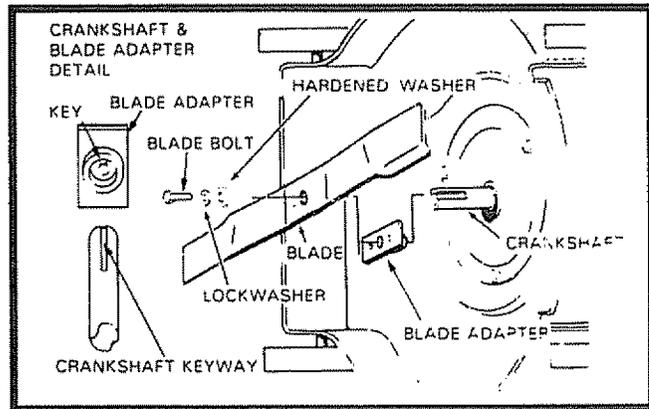


FIG. 13

- 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.
- 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.

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 lawn mower.
- Care should be taken to keep the Blade balanced. An unbalanced Blade will cause excessive vibration when running and eventual damage to lawn 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

Check Rear Drive Wheels each time before you mow to be sure they move freely. The Wheels not turning freely means trash, grass cuttings, etc., are inside the Drive Wheel and Dust Cover area and must be cleaned out to free Drive Wheels.

If necessary to clean the Drive Wheels, check both Rear Wheels (See Fig. 14).

- Remove Hubcaps, Hairpin Cotters and Washers.
- Remove Wheels from Wheel Adjuster Axles.
- Remove any trash or grass cuttings from inside the Dust Cover, Pinion and/or Drive Wheel Gear Teeth.
- If you remove the Drive Pinion and Drive Pawl, refer to fig. 15 for correct assembly of Drive Pawl.
- The Pinion Gear must be installed with the Left Gear on the left side and the Right Gear on the right side, from an operator's view.
- The Pinion Gear is stamped with an "L" (Left) or "R" (Right) on the inside. If installed incorrectly, the Drive System will not work.
- Place Wheels back on Adjuster Axles.
- Replace Washers, Hairpin Cotters and Hubcaps.

NOTE: Pinions and Drive Pawls should be cleaned and lubricated with spray lubricant approximately every 25 hours.

GRASS CATCHER

- The Grass catcher may be hosed with water, but must be dry when used.
- Check your Grass Catcher often for damage or deterioration. Through normal use it will wear. If Catcher needs replacing, replace only with a manufacturer approved replacement Catcher from Sears. Give the lawn mower model number when ordering.

ENGINE

TO CHANGE OIL (WARM OIL DRAINS BETTER)



- Remove Engine Oil Cap with dipstick; lay aside on a clean surface.
- Tip lawn mower on its side as shown in Fig. 16 and drain oil into suitable container. Rock lawn mower back and forth to remove any oil trapped inside of engine.

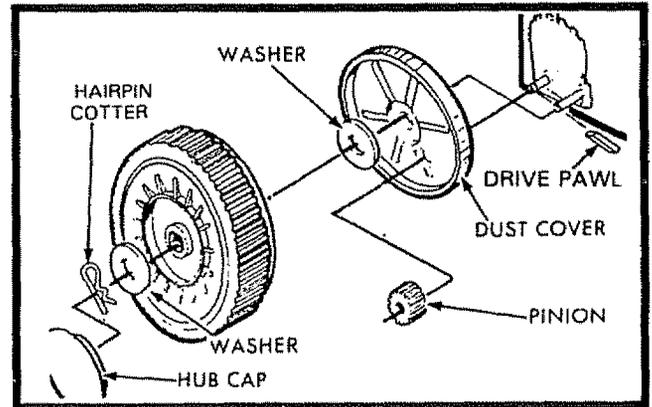


FIG. 14

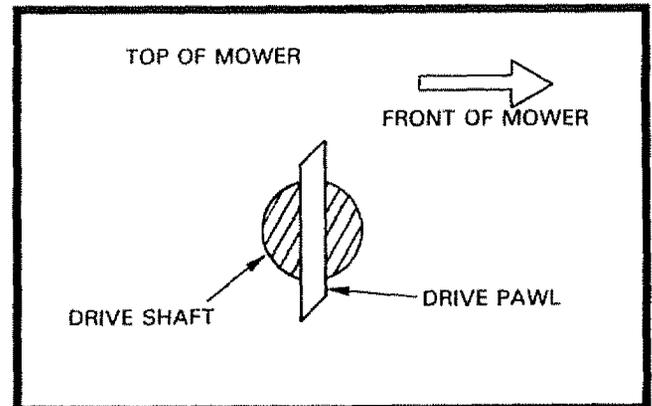


FIG. 15

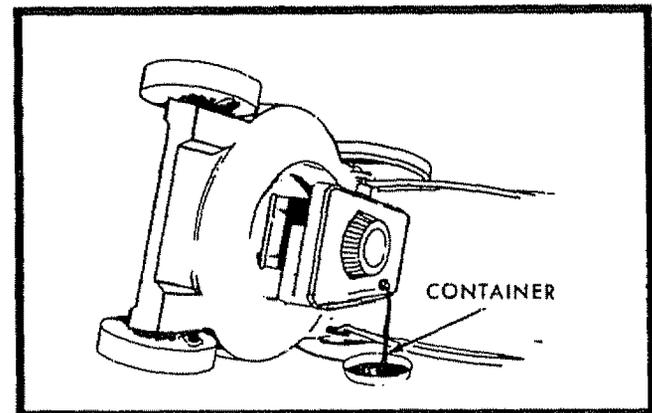


FIG. 16

- Wipe off any spilled oil on lawn mower and on side of engine.
- Fill engine with SAE 30 or 10W 30 oil, fill only to the "FULL" line on the dipstick. DO NOT overfill.
- Replace Engine Oil Cap.
- Reconnect Spark Plug Wire to Spark Plug.

MAINTENANCE

AIR FILTER

Clean or replace Air Filter every 25 hours or every season, whichever occurs first.

NOTE: Service Air Filter more often under dusty conditions.

TO CHANGE AIR FILTER

- Loosen Screw and tilt Cover as shown in fig. 17.
- Carefully remove Cartridge.
- Clean by tapping gently on a flat surface. If very dirty, replace Cartridge or clean as follows: Wash in a low or non-sudsing detergent and warm water solution. Rinse thoroughly with flowing water from mesh side until water runs clear. Let Cartridge air dry thoroughly before using.

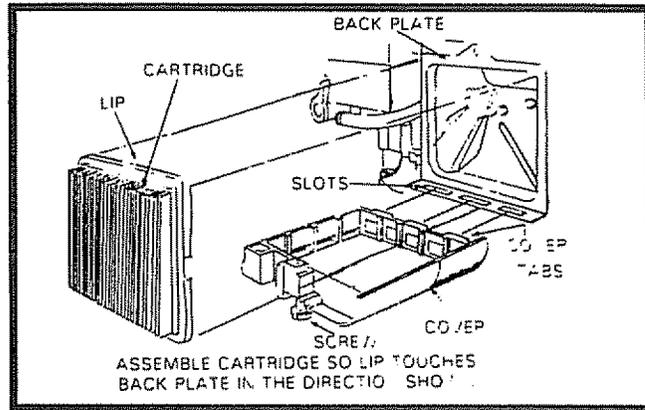


FIG. 17

CLEANING

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

CAUTION: PETROLEUM SOLVENTS, SUCH AS KEROSENE, ARE NOT TO BE USED TO CLEAN CARTRIDGE. THEY MAY CAUSE DETERIORATION OF THE CARTRIDGE. DO NOT OIL CARTRIDGE. DO NOT USE PRESSURIZED AIR TO CLEAN OR DRY CARTRIDGE.



- Install Cartridge, then replace Cover making sure the tabs are aligned with the slots in Back Plate. Fasten Screw securely (See Fig. 17).

SPARK PLUG

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



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

- Turn lawn mower on its side with Carburetor down.
- Clean the underside of your lawn mower by scraping to remove build-up of grass and trash.
- Clean your lawn mower and engine often to keep 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 lawn 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 ADJUSTMENT

TO REMOVE/REPLACE DRIVE BELT



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

- Lift Rear Door and remove Grass Bag, it will be helpful if you temporarily block the Rear Door open.
- Locate Belt Tension Spring and Retention Pin which is located on back side of lawn mower (See Fig. 18).
- Using a piece of wire, pull Spring through hole and remove Retention Pin. Allow Spring to slide into the Plastic Access Cover (See Fig. 18).
- Remove Plastic Access Cover by pushing down on its top surface to disengage Top Hooks—pull Cover to rear and lift up (See Fig. 19).
- Turn lawn mower on its right side.
- Loosen Engine Bolt holding Belt Snubber. See Fig. 20A, and slip Belt off of Engine Pulley.
- Tilt Driven Pulley and Drive Assembly rearward until Locknut on Pulley Assembly is visible (See Fig. 19). Loosen Locknut until Belt can be slipped out from under Belt Keeper. Slip Belt forward from underside of Deck. Pull Belt from under Plastic Baffle and slip over Blade to remove completely (See Fig. 20).
- To install Belt, slip Belt over Blade, push up under Plastic Baffle and slip under Belt Keeper onto Driven Pulley. Tilt Drive Assembly forward to allow Belt to seat into Engine Pulley. Readjust Engine Pulley Belt Snubber and tighten Bolt (See Fig. 20A).
- Tilt Driven Pulley until Belt is tight and hold. Turn Belt Keeper until right side is flush with outside of Access Opening, and tighten Locknut on Driven Pulley (See Fig. 19 and Diagram 19A).
- Using a piece of wire, pull the Belt Tension Spring End through the Access Cover Spring Hole (See Fig. 19).
- While holding tension on the Spring, with the piece of wire, install Access Cover by placing Lower Tabs into position. Make sure Spring End is pulled through the Spring Hole (See Fig. 19).
- Install Retention Pin by pulling Spring End through hole while slipping the Pin through the Spring End so the Pin seats in the Access Cover Pocket. Release tension on the Spring.

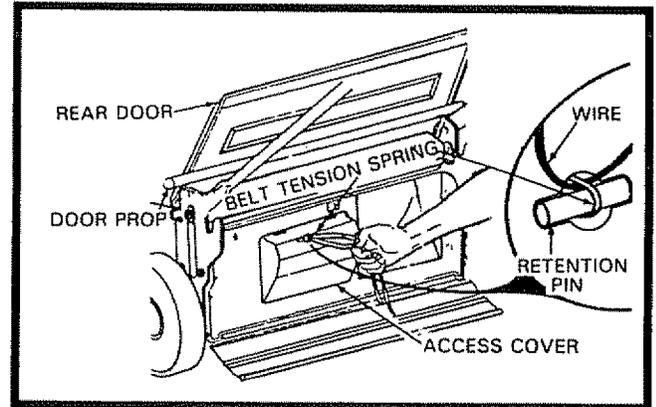


FIG. 18

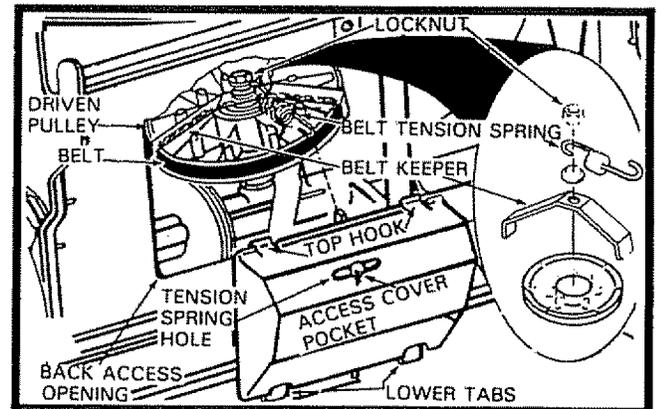


FIG. 19

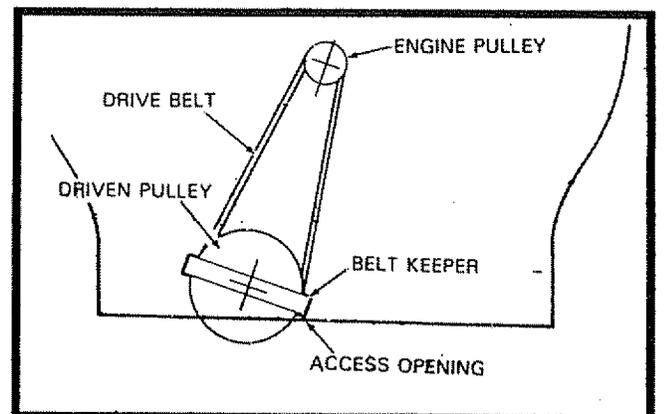


DIAGRAM 19A

SERVICE AND ADJUSTMENT

TO ADJUST DRIVE CONTROL

- To check for proper adjustment of Drive Control, slowly pull up on the Drive Bar while pulling lawn mower backwards until Rear Wheels stop turning.
- When Rear Wheels stop turning, hold the Drive Bar and check the dimension as shown in fig. 21.
- The Drive Control is properly adjusted when the measurement over the Handle and Drive Bar is approximately 3 1/2" (See Fig. 21). If the measurement is less than 3 1/2" adjust Drive Control Cable.
- The Drive Control Adjuster is the one closest to operator.
- To make the Drive Control adjustment, hold the Upper Hexagon Fitting and turn the Adjusting Sleeve clockwise from operator position (See Fig. 22).
- This adjustment should be checked after approximately 25 hours of operation.
- If after several adjustments no further adjustment is left, the Drive Wheel must be replaced.

NOTE: Through normal use the Drive Wheel will wear.

- If you have problems making the described adjustments, contact your nearest Sears Service Center.

SPEED CONTROL RANGE

- The Speed Control Range is properly set at the factory and should not require additional adjustment. If you feel Speed Adjustment is incorrect or Speed Control does not operate properly contact your nearest Sears Service Center.

CARBURETOR ADJUSTMENTS

Minor Carburetor adjustment may be required to compensate for differences in fuel, temperature, altitude or load. The Air Cleaner and Air Cleaner Cover must be assembled to Carburetor when running.

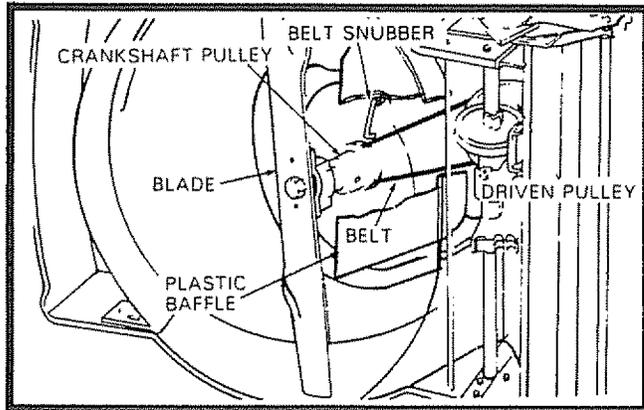


FIG. 20

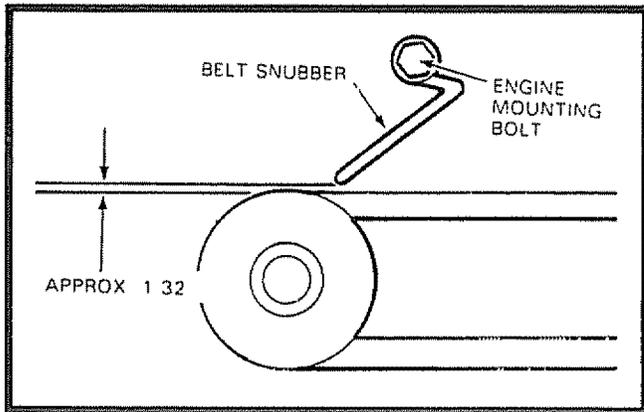


FIG. 20A

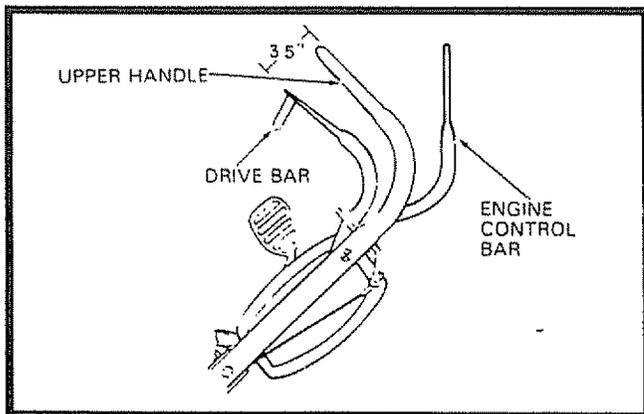


FIG. 21

SERVICE AND ADJUSTMENT

CARBURETOR ADJUSTMENT (CONT'D)

INITIAL ADJUSTMENT:

With the engine not running, gently turn Idle Mixture Screw clockwise until it just closes. Screw may be damaged by turning it in too far (See Fig. 23).

Next open the Screw one turn counter-clockwise. This initial adjustment will permit the engine to be started and warmed up (approximately 5 minutes) prior to final adjustment (See Fig. 23).

NOTE: DO NOT adjust top no load adjusting Screw. (Pre-set at Factory).

FINAL ADJUSTMENT

Place Equipment Control Lever in "IDLE" or "SLOW" position. Adjust idle RPM, by turning Idle Speed Adjusting Screw to obtain 1400 RPM. Next, turn Idle Mixture Screw in (clockwise - lean mixture) until engine just starts to slow. Then turn Idle Mixture Screw out (counter-clockwise - rich mixture) until engine runs unevenly. Now turn Idle Mixture Screw midway between rich and lean. Engine should accelerate smoothly. If engine does not accelerate properly, the Carburetor should be readjusted, usually to a slightly richer mixture, by turning the Idle Mixture Screw counter-clockwise 1/8 turn more (See Fig. 23).

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 Sears Service Center for repair and adjustment.

REAR DEFLECTOR

The Rear Deflector, attached between the Rear Wheels of your lawn mower, is provided to minimize the possibility that objects will be thrown out the rear of the lawn mower into the operator's mowing position.

If the Rear Deflector becomes damaged, it should be replaced.

TO ADJUST HANDLE

- Grass bag should be removed temporarily for easier adjustment of Handle.
- The Handle on your lawn mower has three (3) heights - adjust to the height that suits you.
- To adjust the Handle, push in on the Adjusting Levers to clear the Pins (See Fig. 24).

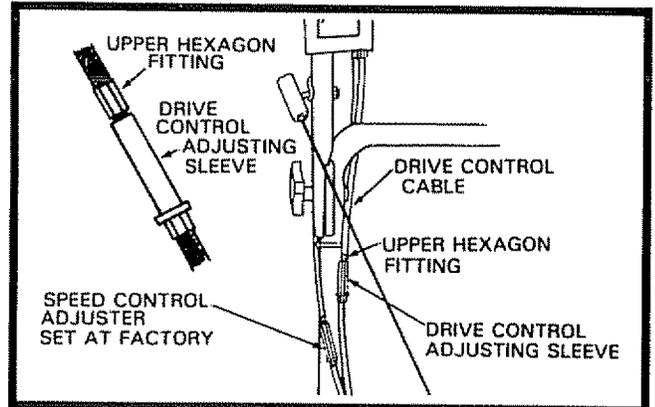


FIG. 22

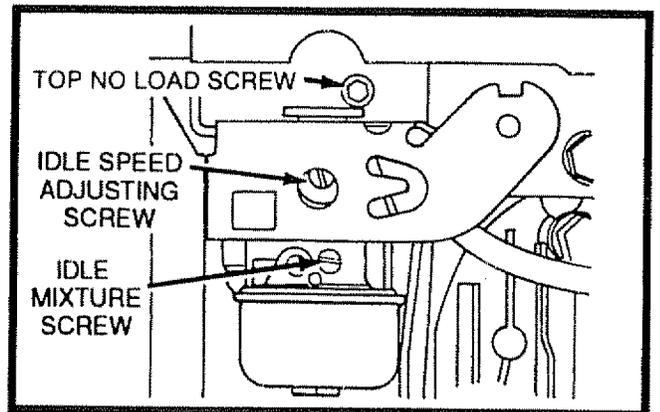


FIG. 23

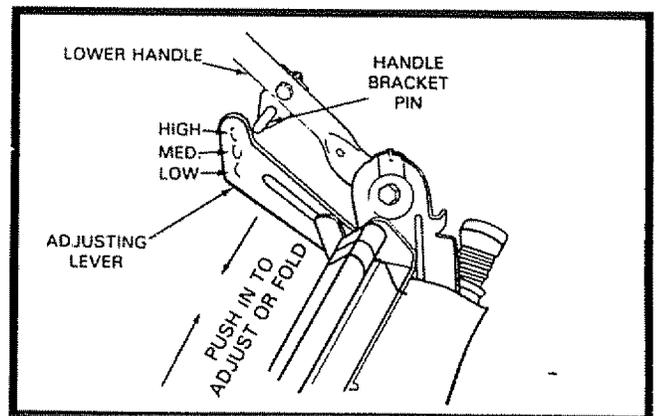


FIG. 24

- Raise or lower Handle and position the Adjusting Levers on to the Pins.
- Be sure that Handle Bracket Pin is in the same Lever Hole on both sides of the lawn mower.

STORAGE

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

LAWN MOWER

- Clean underside of Lawn Mower Housing. (See "Cleaning" in maintenance section of manual.)
- Inspect and replace/sharpen Blade, if required (See "Blade/Blade Adapter 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 18 of manual.

HANDLE

- You can fold your Lawn Mower Handle for storage as shown in Fig. 25.
- To fold, push in on the Adjusting Levers to clear the Pins, then move Handle forward (See Fig. 24).

IMPORTANT: WHEN FOLDING THE HANDLE FOR STORAGE OR TRANSPORTATION, BE SURE TO FOLD THE HANDLE AS SHOWN IN FIG. 25. 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.

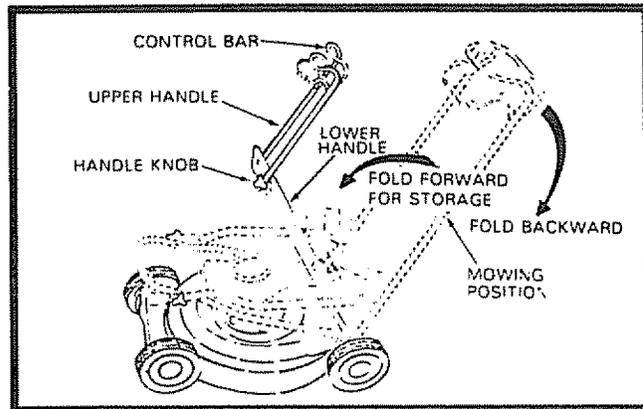


FIG. 25

OTHER

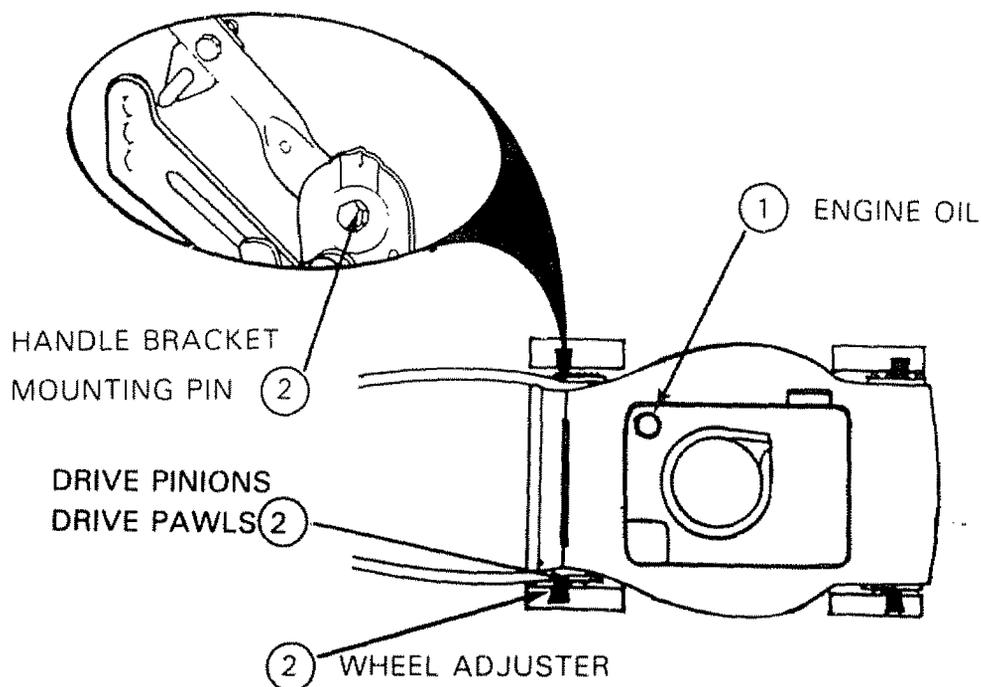
- Do not store gasoline from one season to another.
- Replace your gasoline can if your can starts to rust. Rust and/or dirt in your gasoline can cause problems.
- Do not store your lawn mower under any plastic cover. Plastic cannot breathe which allows condensation to form and can cause your lawn mower to rust.
- When setting up your Handle from the storage position, the Lower Handle will require manually locking 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 Use			
Blade Checked		✓					
Blade Replaced (Sharpened)			✓				
Engine Oil Change	✓		✓				
Engine Oil Check				✓			
Air Cleaner			✓				
Spark Plug Replaced			✓				
Lubricate Lawn Mower			✓				
Cleaning				✓			
Grass Catcher (if applicable)				✓			
Drive Pinions and Drive Pawls			✓				

LUBRICATION CHART

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

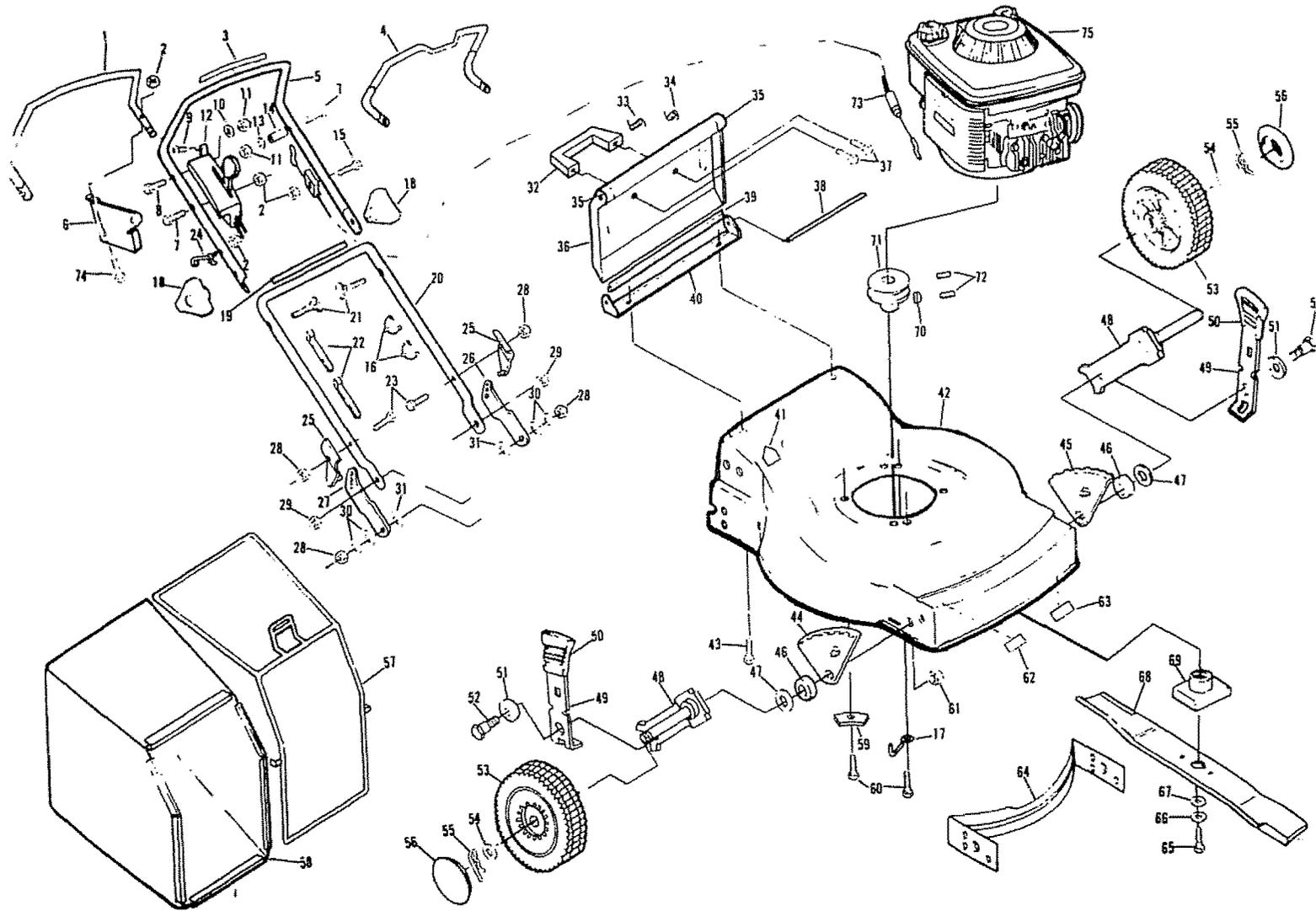


TROUBLE SHOOTING POINTS

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 adapter. 8. Engine control bar in released position. 9. Engine control bar defective. 	<ol style="list-style-type: none"> 1. Replace or clean 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 bolt and/or replace blade adapter. 8. Depress engine control bar. 9. Replace engine control bar.
LOSS OF POWER	<ol style="list-style-type: none"> 1. Rear of lawn 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 lawn mower housing. 5. Ground drive speed too fast. 6. Too much oil in engine. 	<ol style="list-style-type: none"> 1. Raise rear of lawn 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 lawn mower housing. 5. Cut at slower ground drive 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 lawn mower housing. 	<ol style="list-style-type: none"> 1. Replace blade. Tighten blade bolt. 2. Set all wheels at same height. 3. Set engine speed control in FAST or HIGH position. 4. Disconnect spark plug wire & clean underside of lawn 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 bolt. 3. Contact Sears Service Department.
STARTER ROPE HARD TO PULL	<ol style="list-style-type: none"> 1. Flywheel brake is on when engine control bar is released. 2. Bent engine crankshaft. 3. Blade adapter sheared. 4. Blade dragging in grass. 	<ol style="list-style-type: none"> 1. Depress engine control bar to upper handle before pulling on starter rope. 2. Contact Sears Service Department. 3. Replace blade adapter. 4. Get over low grass and/or hard surface to start engine.
CATCHER NOT FILLING COMPLETELY (IF APPLICABLE)	<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 control in FAST or HIGH position.
HARD TO PUSH	<ol style="list-style-type: none"> 1. High grass or cutting height too low. 2. Rear of lawn mower housing/blade dragging in heavy grass. 3. Grass catcher too full. 4. Handle height position not right for you. 5. Drive pawls hanging-up. 	<ol style="list-style-type: none"> 1. Raise cutting height. 2. Raise rear of lawn mower housing one (1) setting higher than front. 3. Empty grass catcher. 4. Adjust handle height to suit. 5. Clean drive pawls and lubricate.
LOSS OF DRIVE	<ol style="list-style-type: none"> 1. Drive not fully engaged. 2. Belt wear. 3. Belt off of pulleys. 4. Lost spring tension retainer. 5. Friction wheel worn. 6. Friction wheel excessively wet. 	<ol style="list-style-type: none"> 1. Check and adjust drive control. 2. Check/replace drive belt. 3. Check/reinstall drive belt. 4. Replace spring retainer. 5. Check/replace friction wheel. 6. Allow wheel to dry before use.

CRAFTSMAN 22" ROTARY LAWN MOWER MODEL NUMBER 917.372451

REPAIR PARTS Rev. 2



CRAFTSMAN 22" ROTARY LAWN MOWER MODEL NUMBER 917.372451

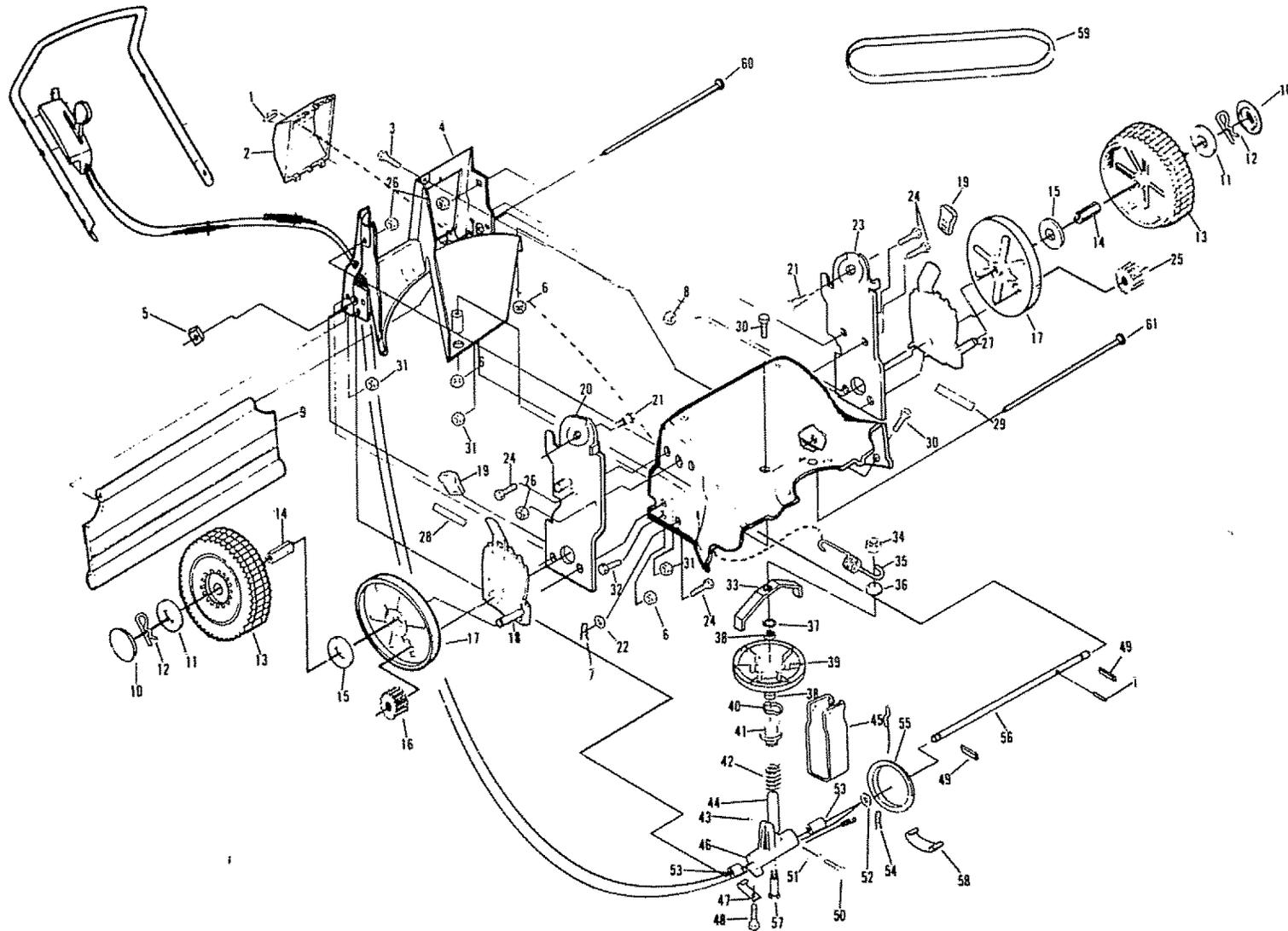
REPAIR PARTS

Rev. 2

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
1	751608	Engine Control Bar	39	851454	Wiper Strip
2	STD541425	Locknut 1/4-20	40	750673	Hinge Bracket
3	751150	Drive Bar Decal	41	85463	Danger Decal
4	751040	Drive Bar	42	48218	Lawn Mower Housing (Incl. Ref. #41 & 64)
5	750629	Upper Handle	43	54583	Hex Tapping Screw 1/4-20 x 1/2
6	751801	Cable Pull	44	88641	Wheel Adjusting Bracket (Right)
7	86055	Machine Screw 1/4-20 x 2 1/4	45	88642	Wheel Adjusting Bracket (Left)
8	851185	Machine Screw 1/4 x 2 3/4	46	84920	Spacer
9	751584	Screw #6-20 x 3/8	47	88348	Washer
10	751385	Spacer	48	87887	Axle Arm Assembly
11	751152	Locknut 1/4-20	49	850863	Selector Spring
12	751053	Drive/Speed Control Cable Assembly (See Page 24)	50	77865	Selector Knob
13	751625	Spacer	51	62335	Belleville Washer
14	751782	Spacer	52	84921	Shoulder Bolt 3/8-16
15	STD522515	Hex Head Bolt 1/4-20 x 1 1/2	53	750507	Wheel & Tire Assembly 8.0 x 1 3/4
16	85827	Cable Clip	54	52160	Washer
17	851000	Belt Snubber	55	85179	Retainer Clip
18	87692	Handle Knob	56	77400	Hubcap
19	751305	Instruction Decal	57	750675	Catcher Frame
20	750785	Lower Handle	58	750780	Grass Bag
21	58714	Handle Bolt 5/16-18 x 1 3/4	59	851219	Engine Washer
22	66426	Wire Tie	60	850998	Hex Head Thread Rolling Screw 3/8-16 x 1 1/8
23	751638	Tube Bolt 5/16-18 x 1 3/8	61	STD541437	Locknut 3/8-16
24	750820	Rope Guide	62	751302	Spec Decal
25	800445	Handle Adjusting Bracket	63	751303	Housing Decal
26	800443	Handle Link (Left)	64	87588	Front Baffle
27	800444	Handle Link (Right)	65	851084	Hex Head Screw 3/8-24 x 1 3/8 (Grd. 8)
28	STD541431	Locknut 5/16-18	66	850263	Helical Lockwasher 3/8
29	83923	Locknut 3/18-16	67	851074	Hardened Washer
30	800447	Washer	68	850973	22" Blade
31	800469	Spacer	69	851514	Blade Adapter
32	750621	Door Handle	70	87677	Hi-Pro #HP-505
33	750619	Spring (Right)	71	84596	Engine Pulley (Incl. Ref. #72)
34	750620	Spring (Left)	72	59708	Set Screw 1/4-20 x 5/16
35	851639	Seal Strip	73	751698	Engine Zone Control Cable
36	750674	Rear Door	74	62509	Truss Head Screw 1/4-20 x 1
37	851552	Pan Head Screw 10-16 x 1/2	75	750664	Engine - Briggs/Stratton Model No. 124702 Type No. 3121-01
38	750671	Hinge Rod		751901	Owner's Manual

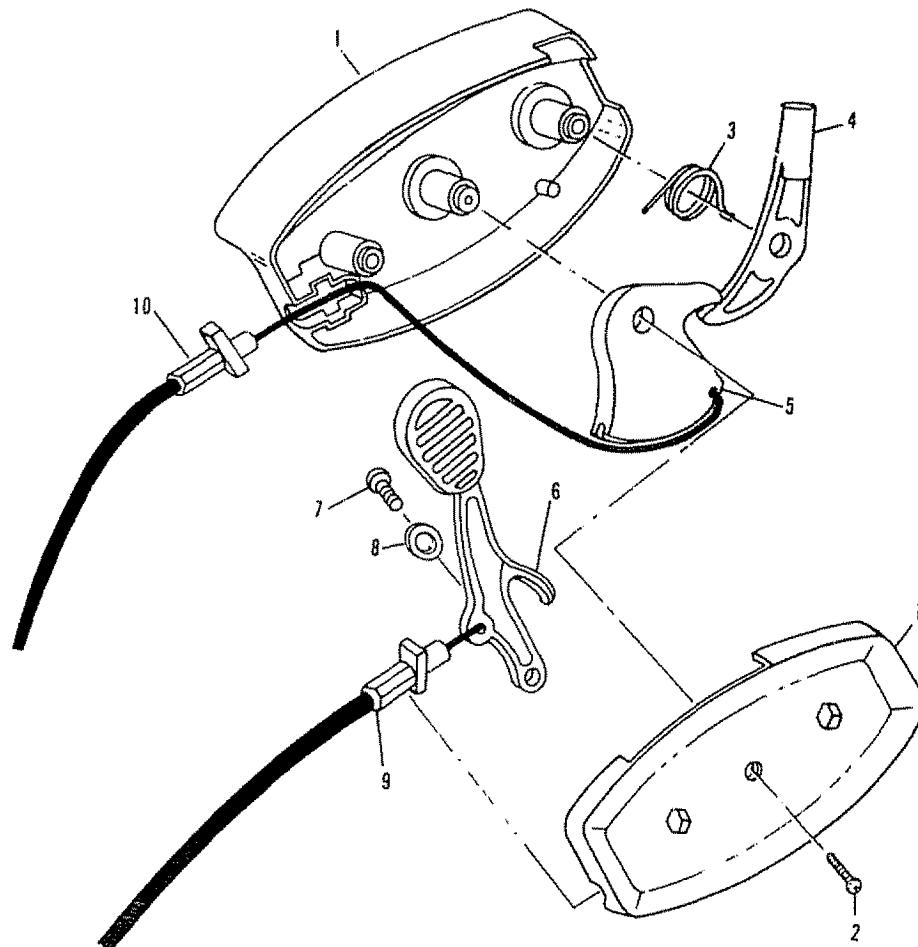
CRAFTSMAN 22" ROTARY LAWN MOWER MODEL NUMBER 917.372451

REPAIR PARTS
Rev. 2



Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
1	88028	Roll Pin	30	STD532507	Carriage Bolt 1/4-20 x 5/8
2	750697	Access Door	31	88349	Locknut 1/4-20
3	86974	Hex Washer Head Screw 10-24 x 7/16	32	STD522506	Hex Head Screw 1/4-20 x 5/8
4	750692	Back Plate/Baffle	33	751899	Belt Keeper
5	53971	Speed Nut	34	750253	Locknut 5/16-18
6	88349	Locknut 1/4-20	35	751888	Drive Spring
7	700279	Retainer Clip	36	750892	Spacer
8	74189	Locknut 10-24	37	STD582062	Retaining Ring
9	750996	Rear Deflector	38	750686	Bearings
10	77400	Hubcap	39	750684	Pulley Assembly
11	52160	Washer	40	751659	Compression Washer
12	85179	Retainer Clip	41	750680	Stand Off
13	751148	Wheel & Tire Assembly 8.0 x 1 3/4	42	750834	Compression Spring
14	88446	Bushing	43	751071	Locknut 6-32
15	67725	Washer	44	750679	Oilite Bearing
16	750818	Pinion (Right)	45	750732	Rocker Arm
17	750734	Dust Cover	46	750681	Drive Housing
18	751094	Height Selector Assembly (Right)	47	751133	Clamp
19	77865	Selector Knob	48	84026	Hex Thread Screw 10-24 x 1/2
20	750810	Handle Bracket Assembly (Right)	49	850018	Drive Pawl
21	750735	Shoulder Bolt	50	751070	Hex Washer Head Machine 6-32
22	10102	Washer	51	STD572515	Spring Pin
23	750809	Handle Bracket Assembly (Left)	52	52160	Washer
24	STD533107	Carriage Bolt 5/16-18 x 3/4	53	751232	Sleeve Bearing
25	750819	Pinion (Left)	54	STD560607	Cotter Pin
26	751153	Locknut 5/16-18	55	750688	Wheel Assembly Friction
27	751095	Height Selector Assembly (Left)	56	48219	Drive Shaft Kit (Incl. Ref. #53)
28	750320	Seven Position Decal (Right)	57	111420X	Bolt 5/16-18 x 3 1/4
29	750319	Seven Position Decal (Left)	58	751582	Shield
			59	750991	Drive Belt
			60	751780	Deflector Rod
			61	750841	Deflector Rod

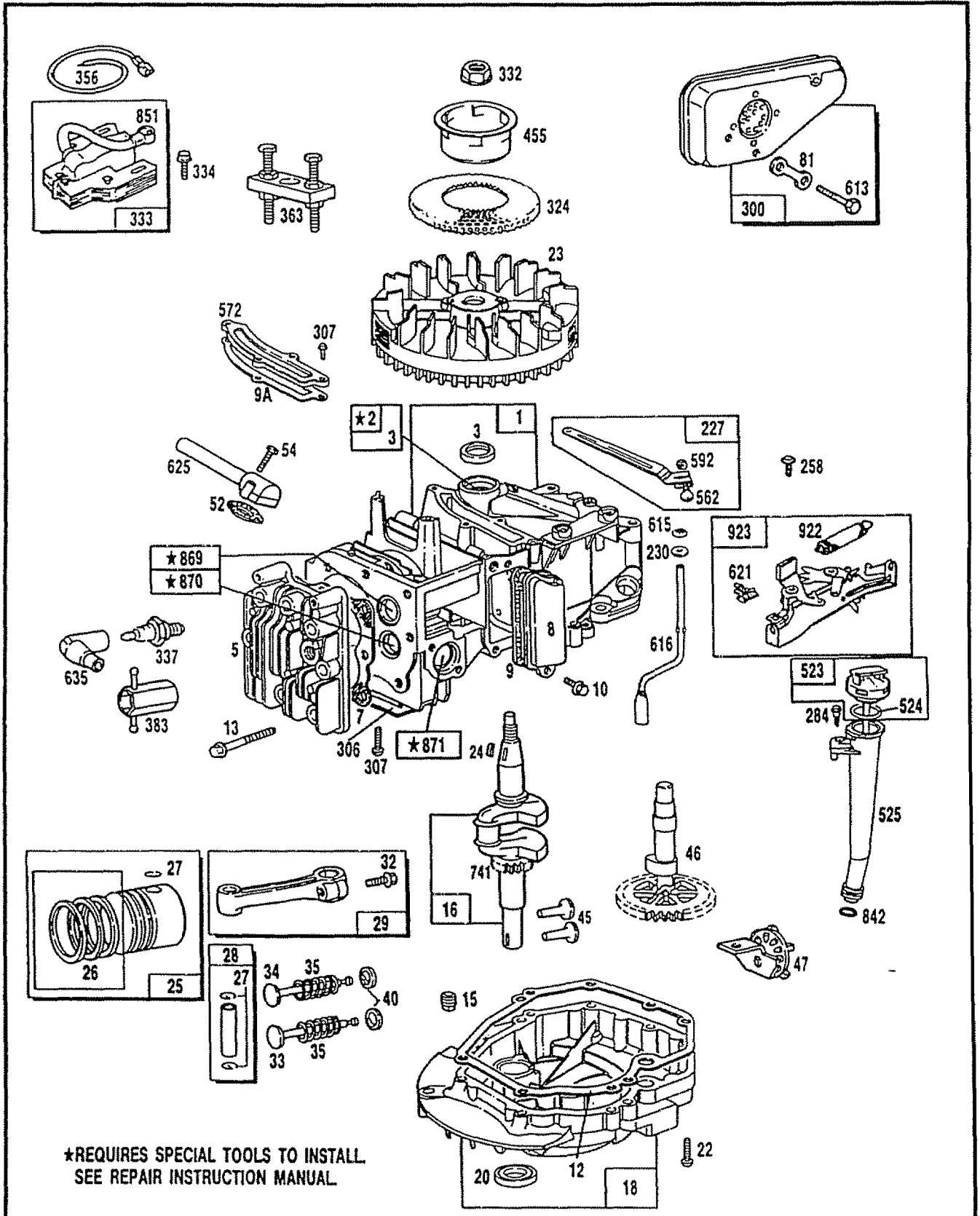
DRIVE/SPEED CONTROL CABLE



Ref. No.	Part No.	Part Name
1	48235	Control Head Kit (Incl. Ref. #2
2	751837	Plastite Screw #8 x 7/8
3	751834	Torsion Spring
4	751828	Drive Actuator
5	751829	Drive Pulley
6	751830	Speed Lever
7	751831	Lever Mounting Plastite Screw #4 x 5/8
8	751840	Washer 1/8 x 3/8
9	751833	Speed Cable Assembly
10	751832	Drive Cable Assembly

**BRIGGS/STRATTON
4-CYCLE ENGINE**

**MODEL NO. 124702
TYPE NO. 3121-01**



***REQUIRES SPECIAL TOOLS TO INSTALL.
SEE REPAIR INSTRUCTION MANUAL.**

Assemblies include all parts shown in frames.

**BRIGGS/STRATTON
4-CYCLE ENGINE**

**MODEL NO. 124702
TYPE NO. 3121-01**

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	493260	Cylinder Assembly	54	94526	Screw—Intake Elbow	383	89838	Wrench—Spark Plug
2	293708	Bushing—Cylinder			Mounting	387	394281	Primer Assembly
	Note:	Requires special tools for installation.	55	492831	Housing—Rewind Starter	455	224250	Cup—Starter
3	**393862	Seal—Oil	56	492832	Pulley—Rewind Starter	456	224321	Retainer—Rewind Starter
5	213610	Head—Cylinder	57	262594	Spring—Rewind Starter	459	492833	Pawl—Starter
7	**272200	Gasket—Cylinder Hd.	58	280399	Rope—Rewind Starter (Cut To 88 5/8")	461	282626	Pin—Starter
8	399717	Breather—Valve Chamber	59	396892	Insert—Handle	467	280857	Knob—Speed Control
9	**271904	Gasket—Valve Cover	60	393152	Handle—Rewind Starter	515	262556	Spring—Pawl
9A	**272238	Gasket—Baffle Plate	65	94058	Screw—Guard Mounting	515A	262625	Spring—Torsion
10	94222	Screw-Breather Mounting Sem	69	280973	Washer—Rewind Starter	523	492350	Cap with Dipstick—Oil Filler
11	231685	Tube—Breather	69A	224322	Washer—Rewind Starter	524	280967	Seal—Filler Tube
12	**272198	Gasket—Crankcase	81	223664	Lock—Muffler Screw	525	280929	Tube—Oil Filter
13	94547	Screw—Cylinder Hd	95	94098	Screw—Throttle Valve Mounting Sem	528	399254	Hose—Primer
15	93418	Plug—Oil Drain	98	398185	Screw—Idle Adjustment	529	280943	Grommet—Breather
16	493362	Crankshaft	98A	493280	Screw Assy—Speed Adj	562	92613	Bolt—Governor Lever
	Note:	Order 94388 For Timing Gear Key	104	*231371	Pin—Float Hinge	572	224328	Baffle—Cylinder
18	493279	Sump—Engine	116	*†	Gasket—Sealing (Sold in Kit Only)	592	231082	Nut—Hex
20	**399781	Seal—Oil	117	*	Jet (Sold in Kit Only)	601	93053	Clamp—Hose (Green)
22	94220	Screw—Sump Mtg Sem	118	492945	Valve and Spring—Needle		Note:	93807 Clamp—Hose (Black)
23	492177	Flywheel—Magneto	121	492495	Carburetor Overhaul Kit	608	493295	Starter Assy—Rewind
24	222698	Key—Flywheel	124	94525	Screw—Carburetor Mtg	613	94231	Screw—Muffler Mtg
25	493262	Piston Assy—Standard	125	493627	Carburetor Assembly	615	94474	Pushnut (Governor Crank)
	493385	Piston Assy—010" O S	127	*	Plug—Welch (Sold in Kit Only)	616	262578	Crank—Governor
	493386	Piston Assy—020" O S	130	223470	Valve—Throttle	617	*1270344	Seal—Fuel Intake Tube
	493387	Piston Assy—030" O S	131	493267	Shaft and Lever—Throttle	620	493635	Bracket Assembly—Carburetor Control
	RING SETS:		133	398187	Float Assy—Carburetor	621	396847	Switch—Stop
	Note:	For Chrome Piston Ring Set—Standard Size—Order Part No 493391	134	*398188	Valve—Inlet (Includes Seat)	625	492717	Tube—Fuel Intake
26	493261	Ring Set—Std. Piston	137	*†	Gasket—Bowl (Sold in Kit Only)	634	*†	Washer—Throttle Shaft (Sold in Kit Only)
	493388	Ring Set—010" O S Piston	163	**272257	Gasket—Air Cleaner	635	66538	Elbow—Spark Plug
	493389	Ring Set—020" O S Piston	187	492780	Hose—Fuel	670	280512	Spacer—Fuel Tank
	493390	Ring Set—030" O S Piston	188	398540	Screw—Tank Mounting (Includes Washer)	741	262598	Gear—Timing
27	26026	Lock—Piston Pin	201	262579	Link—Governor	842	280966	Seal—O'Ring
28	298909	Pin Assembly—Piston—Standard	209	262660	Spring—Governor	851	221798	Terminal—Ignition Cable
	298908	Pin Assembly—Piston—.005" O S	227	492343	Lever Assembly—Gov	869	213512	Seat—Intake Valve (Standard)
29	490566	Rod Assembly—Connecting	230	67072	Washer—Governor Crank	870	213513	Seat—Exhaust Valve (Standard)
	Note:	For Connecting Rod with 020" undersize Crankpin Bearing—Order No. 490743	258	94512	Screw—Hex Head	871	262001	Guide—Exhaust Valve
32	94405	Screw—Connecting Rod	284	94511	Screw—Hex Head		Note:	63709 Guide—Intake Valve
33	262651	Valve—Exhaust	300	490547	Muffler—Exhaust			See Repair Instruction Manual
34	262652	Valve—Intake	304	493293	Housing—Blower	922	262640	Spring—Brake
35	262224	Spring—Valve	305	94513	Screw—Hex Head Sem	923	492918	Brake Assembly
40	93312	Retainer—Valve Spring	306	224324	Shield—Cylinder	949	280946	Guard—Finger
		Used with valves with groove in stem	307	94515	Screw—Hex Head	955	493637	Screw—Bowl Mtg
45	262204	Tappet—Valve	324	224251	Screen—Rotating	957	493017	Cap Assembly—Fuel
46	492830	Gear—Cam	332	92284	Nut—Flywheel	958	493277	Valve—Fuel Shut-Off
47	492524	Oil Slinger Gear and Bracket	333	802574	Armature—Magneto	966	492363	Base—Air Cleaner
52	**272199	Gasket—Intake Elbow	334	93381	Screw—Armature Mounting Sem	967	491588	Filter—Air
			337	298809	Plug—Spark (With Gasket) (1-1/2" High—37-42 M.M.)	968	280937	Cover—Air Cleaner
			353	94581	Locknut	969	94120	Screw—Cover Mtg
			356	398808	Wire—Ground	971	94269	Screw—Air Cleaner
			358	493263	Gasket Set	972	493636	Tank Assembly—Fuel
			363	19069	Puller—Flywheel (Optional Accessory)	975	493640	Bowl Assembly—Carburetor
						977	490937	Gasket Set—Carburetor
						1016	224278	Cover—Rewind Starter

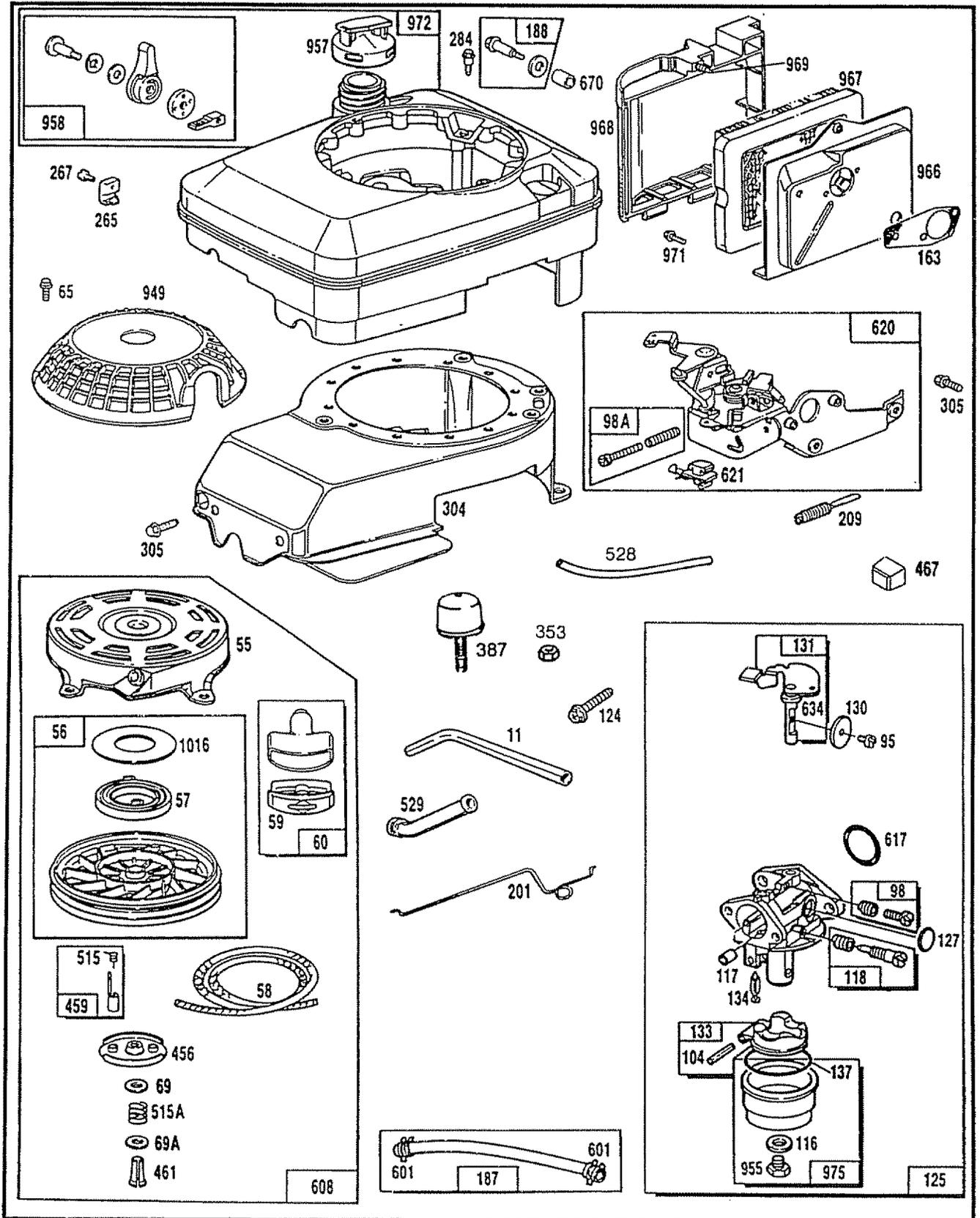
*Included in Carburetor Overhaul Kit—Part No. 492495

**Included in Gasket Set—Part No. 493263

†Included in Carburetor Gasket Set—Part No. 490937

**BRIGGS/STRATTON
4-CYCLE ENGINE**

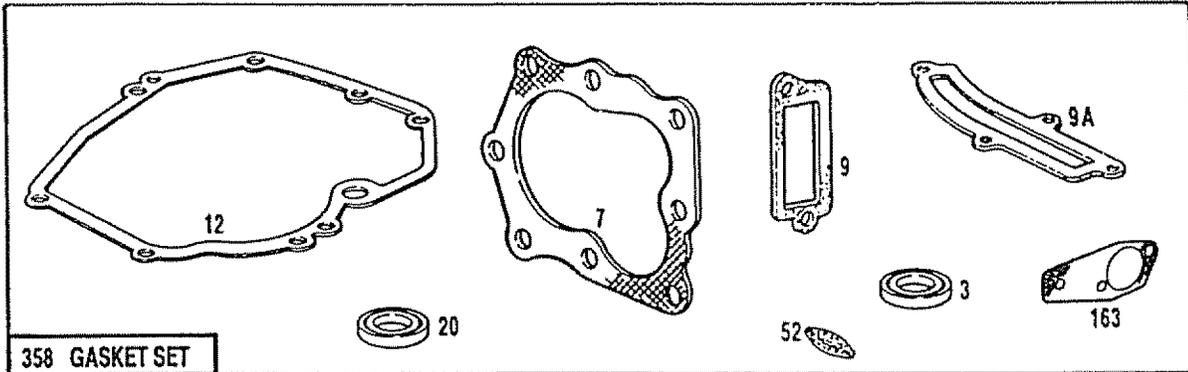
**MODEL NO. 124702
TYPE NO. 3121-01**



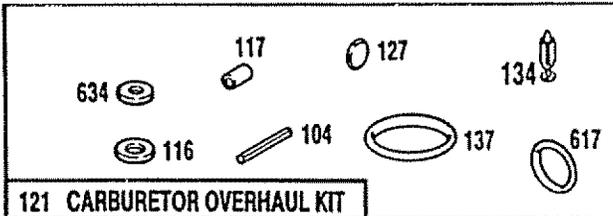
Assemblies include all parts shown in frames.

**BRIGGS/STRATTON
4-CYCLE ENGINE**

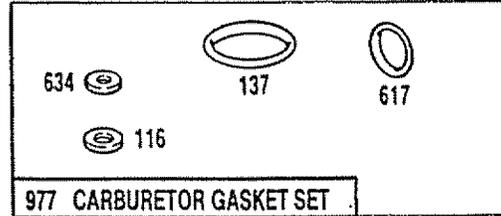
**MODEL NO. 124702
TYPE NO. 3121-01**



358 GASKET SET



121 CARBURETOR OVERHAUL KIT



977 CARBURETOR GASKET SET

Assemblies include all parts shown in frames

NOTES

SEARS

**OWNER'S
MANUAL**

**MODEL NO.
917.372451**

**HOW TO ORDER
REPAIR PARTS**

CRAFTSMAN®

**5.0 HORSE 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 lawn 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 - 917.372451
- * ENGINE - BRIGGS/STRATTON
MODEL NO. 124702 TYPE NO. 3121-01
- * 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.

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