

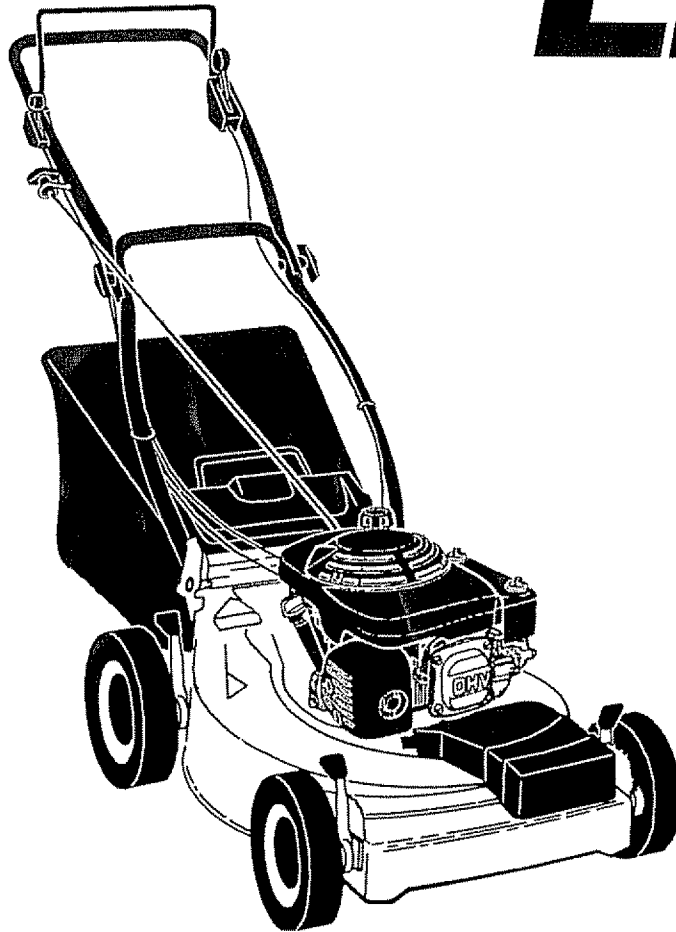
SEARS

M-58-03-430

CRAFTSMAN®

MODEL NUMBER 917.376370 OWNER'S MANUAL

EZ³



- **Assembly**
- **Operation**
- **Customer Responsibilities**
- **Service**
- **Adjustments**
- **Repair Parts**

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

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Sears, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.



SAFETY RULES



Safe Operation Practices for Walk-Behind Mowers

IMPORTANT: THIS CUTTING MACHINE IS CAPABLE OF AMPUTATING HANDS AND FEET AND THROWING OBJECTS. FAILURE TO OBSERVE THE FOLLOWING SAFETY INSTRUCTIONS COULD RESULT IN SERIOUS INJURY OR DEATH.

SAFETY STANDARDS REQUIRE OPERATOR PRESENCE CONTROLS TO MINIMIZE THE RISK OF INJURY. YOUR UNIT IS EQUIPPED WITH SUCH CONTROLS. DO NOT ATTEMPT TO DEFEAT THE FUNCTION OF THE OPERATOR PRESENCE CONTROLS UNDER ANY CIRCUMSTANCES.

TRAINING:

- Read this operator's manual carefully. Become familiar with the controls and know how to operate your mower properly. Learn how to quickly stop mower.
- Do not allow children to use your mower. Never allow adults to use mower without proper instructions.
- Keep the area of operation clear of all persons, especially small children and pets.
- Use mower only as the manufacturer intended and as described in this manual.
- Do not operate mower if it has been dropped or damaged in any manner. Always have damage repaired before using your mower.
- Do not use accessory attachments that are not recommended by the manufacturer. Use of such attachments may be hazardous.
- The blade turns when the engine is running.
- Do not continue to run your mower if you hit a foreign object. Follow the procedure outlined above, then repair any damage before restarting and operating you mower.
- Do not change the governor settings or overspeed the engine. Engine damage or personal injury may result.
- Do not operate your mower if it vibrates abnormally. Excessive vibration is an indication of damage; stop the engine, safety check for the cause of vibration and repair as required.
- Do not run the engine indoors. Exhaust fumes are dangerous.
- Never cut grass by pulling the mower towards you. Mow across the face of slopes, never up and down or you might lose your footing. Do not mow excessively steep slopes. Use caution when operating the mower on uneven terrain or when changing directions - maintain good footing.
- Never operate your mower without proper guards, plates, grass catcher or other safety devices in place.

PREPARATION:

- Always thoroughly check the area to be mowed and clear it of all stones, sticks, wires, bones, and other foreign objects. These objects will be thrown by the blade and can cause severe injury.
- Always wear safety glasses or eye shields when starting and while using your mower.
- Dress properly. Do not operate mower when barefoot or wearing open sandals. Wear only solid shoes with good traction when mowing.
- Check fuel tank before starting engine. Do not fill gas tank indoors, when the engine is running or when the engine is hot. Allow the engine to cool for several minutes before filling the gas tank. Clean off any spilled gasoline before starting the engine.
- Always make wheel height adjustments before starting your mower. Never attempt to do this while the engine is running.
- Mow only in daylight or good artificial light.

OPERATION:

- Keep your eyes and mind on your mower and the area being cut. Do not let other interests distract you.
- Do not mow wet or slippery grass. Never run while operating your mower. Always be sure of your footing - keep a firm hold on the handles and walk.
- Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
- Always stop the engine whenever you leave or are not using your mower, or before crossing driveways, walks, roads, and any gravel-covered areas.
- Never direct discharge of material toward bystanders nor allow anyone near the mower while you are operating it.
- Before cleaning, inspecting, or repairing your mower, stop the engine and make absolutely sure the blade and all moving parts have stopped. Then disconnect the spark plug wire and keep it away from the spark plug to prevent accidental starting.

MAINTENANCE AND STORAGE:

- Check the blade and the engine mounting bolts often to be sure they are tightened properly.
- Check all bolts, nuts and screws at frequent intervals for proper tightness to be sure mower is in safe working condition.
- Keep all safety devices in place and working.
- To reduce fire hazard, keep the engine free of grass, leaves or excessive grease and oil.
- Check grass catcher often for deterioration and wear and replace worn bags. Use only replacement bags that are recommended by and comply with specifications of the manufacturer of your mower.
- Always keep a sharp blade on your mower.
- Allow engine to cool before storing in any enclosure.
- Never store mower with fuel in the tank inside a building where fumes may reach an open flame or an ignition source such as a hot water heater, space heater, clothes dryer, etc.



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



CAUTION: Always disconnect spark plug wire and place wire where it cannot contact spark plug in order to prevent accidental starting when setting up, transporting, adjusting or making repairs.



The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

CONGRATULATIONS on your purchase of a Sears 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 Authorized Service Center/Department. We have competent, well-trained technicians and the proper tools to service or repair this lawn mower.

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

HORSEPOWER:	5.0
DISPLACEMENT:	8.2 CU. IN.
GASOLINE CAPACITY AND TYPE:	1.0 QUARTS UNLEADED REGULAR
OIL TYPE (API-SF/SG):	SAE 30 (ABOVE 32°F) SAE 5W-30 (below 32°F)
OIL CAPACITY:	20 OZS.
SPARK PLUG: (GAP: .030")	NGKBPR5ES
VALVE CLEARANCE:	INTAKE: .005"-.007" EXHAUST: .007"-.009"
BLADE BOLT TORQUE:	35-40 FT. LBS.

MODEL NUMBER 917 376370

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 "Customer Responsibilities" and "Storage" sections of this owner's manual.

LIMITED TWO YEAR WARRANTY ON CRAFTSMAN POWER MOWER

For two years from date of purchase, when this Craftsman Lawn Mower is maintained, lubricated, and tuned up according to the operating and maintenance instructions in the owner's manual, Sears will repair free of charge any defect in material or 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 vary from state to state.

SEARS, ROEBUCK AND CO., D/817 WA, HOFFMAN ESTATES, ILLINOIS 60179

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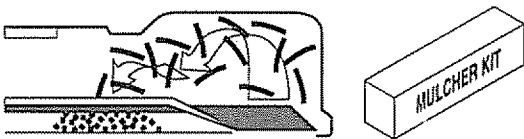
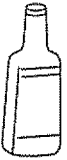
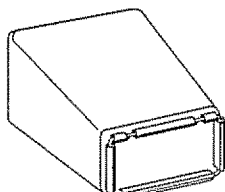
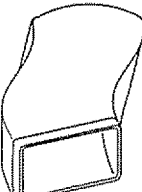
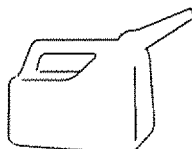
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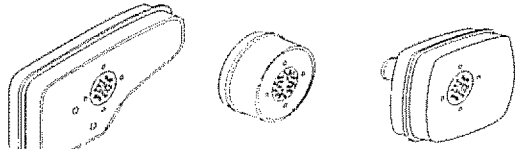
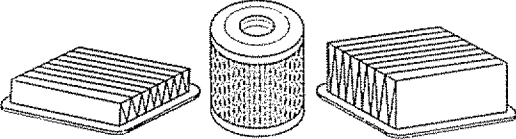

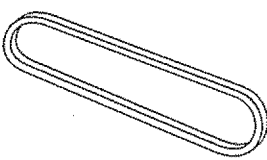
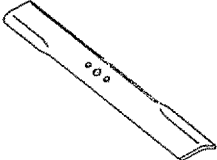
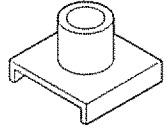
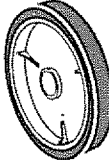
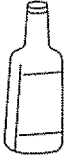
LAWN MOWER ACCESSORIES

These accessories were available when this lawn mower was produced. They are also available at most Sears retail outlets and service centers. Most Sears stores can also 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.

LAWN MOWER PERFORMANCE

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

LAWN MOWER MAINTENANCE

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

ASSEMBLY

Read these instructions and this manual in its entirety before you attempt to assemble or operate your new lawn mower. Your new lawn mower has been assembled at the factory with the exception of those parts left unassembled for shipping purposes. All parts such as nuts, washers, bolts, etc., necessary to complete the assembly have been placed in the parts bag. To ensure safe and proper operation of your lawn mower, all parts and hardware you assemble must be tightened securely. Use the correct tools as necessary to ensure proper tightness.

TO REMOVE LAWN MOWER FROM CARTON

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

HOW TO SET UP YOUR LAWN MOWER TO UNFOLD HANDLE (See Fig. 1)

IMPORTANT: UNFOLD HANDLES CAREFULLY SO AS NOT TO PINCH OR DAMAGE CONTROL CABLES.

- Raise handles until lower handle section locks into place in mowing position.
- Raise upper handle section into place on lower handle, remove protective padding and tighten both handle knobs.
- Remove handle padding holding operator presence control bar to upper handle.
- Your lawn mower handle can be adjusted for your mowing comfort. Refer to "Adjust Handle" in the Service and Adjustment section of this manual.

TO INSTALL ATTACHMENTS (See Fig. 2)

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

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

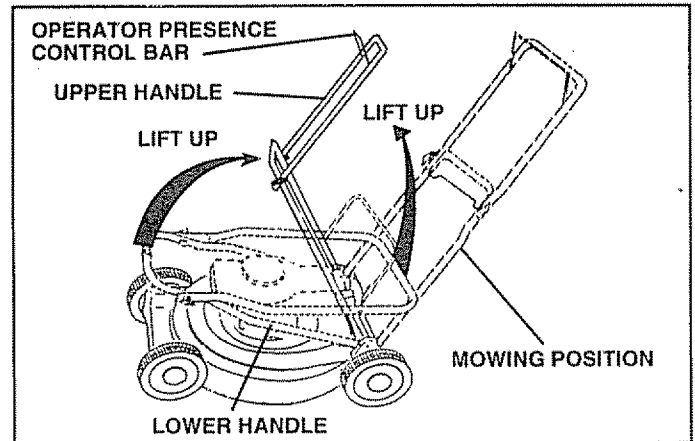


FIG. 1

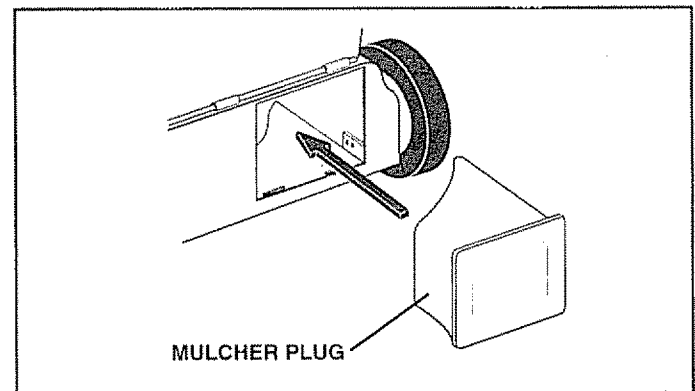


FIG. 2



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

ASSEMBLY

TO ASSEMBLE AND ATTACH GRASS CATCHER (See Figs. 3A thru 4)

- Insert leg of tubular frame through front opening of grass catcher and thread frame into sewn hem of bag.

NOTE: Keep bag hem gathered on the straight leg of the tubular frame.

- When frame comes out the other end of sewn hem, immediately work the end of frame down inside the bag as shown in inset
- Slide sewn hem evenly around the tubular frame until both ends of frame are exposed out of the front opening.
- Assemble lower frame to tubular frame as shown. Be sure handle is outside of bag and frames are fully seated as shown in inset.
- Slip vinyl bindings over frame.

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

- Close the flip lid. Flip lid must be closed while operating lawn mower.
- Lift the rear door on the mower housing and place the grass catcher frame onto the formed tabs on the rear door hinge bracket.
- The grass catcher is secured to the lawn mower housing when the rear door is lowered onto the grass catcher frame.

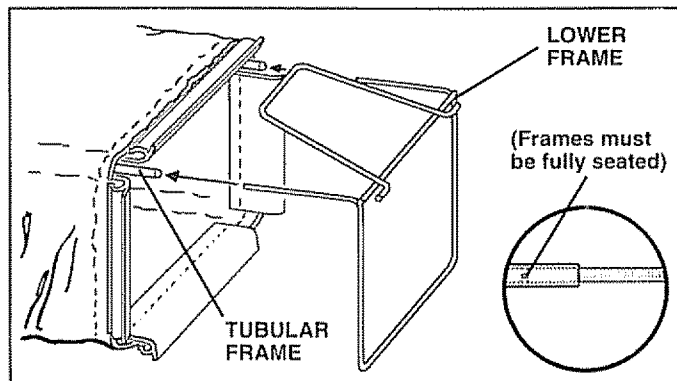


FIG. 3B

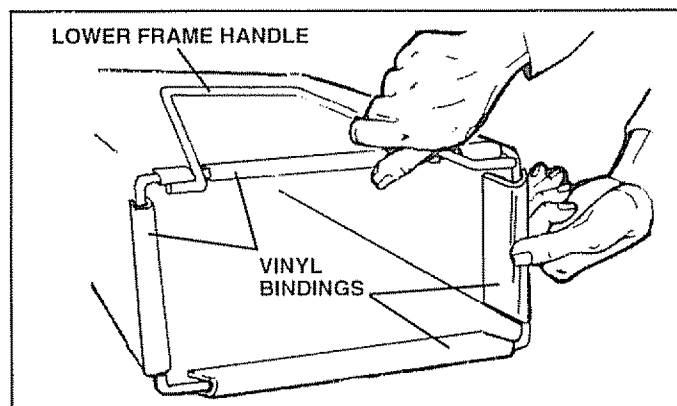


FIG. 3C

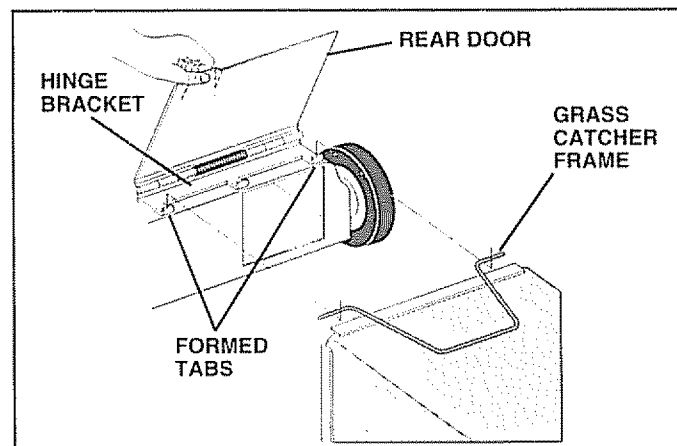


FIG. 4

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.

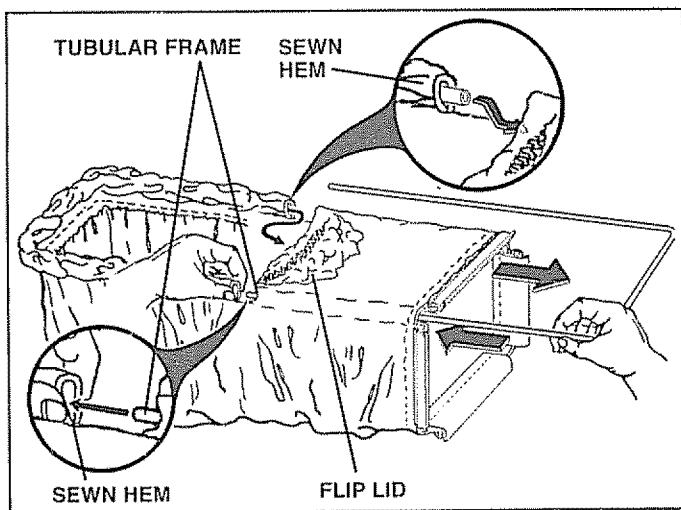


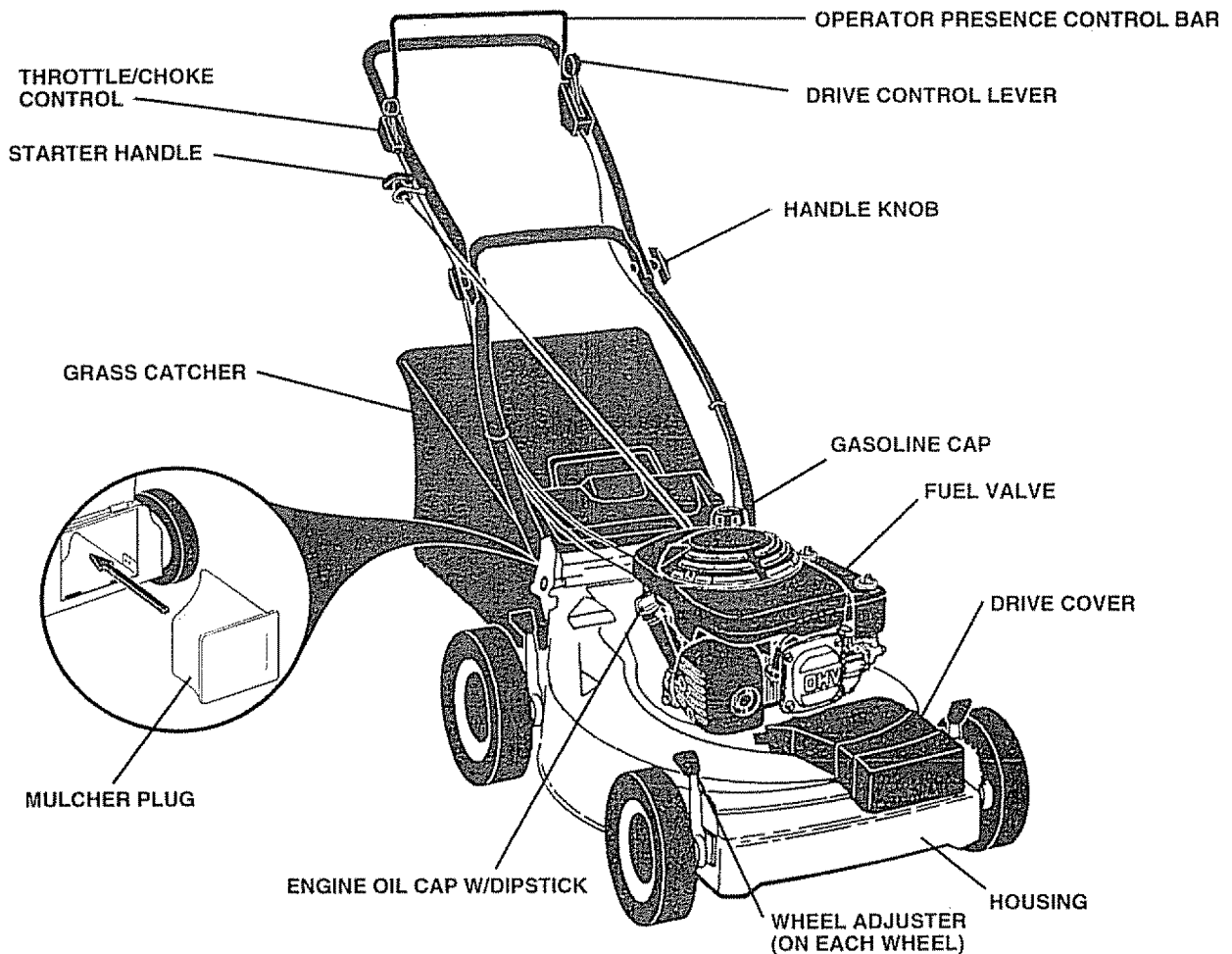
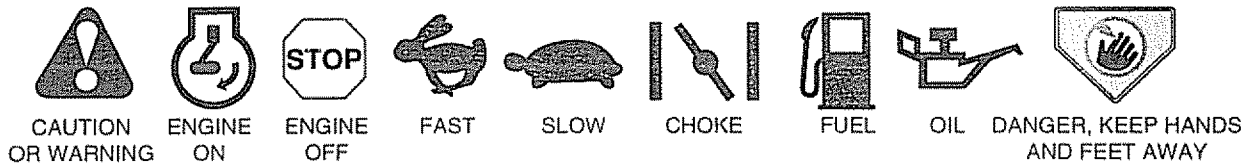
FIG. 3A

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.

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



MEETS CPSC SAFETY REQUIREMENTS

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

OPERATOR PRESENCE CONTROL - must be held down to the handle to start the engine. Release to stop the engine.

THROTTLE/CHOKE CONTROL - used for starting the engine and allows you to select either choke (N) fast (T) or slow (S) engine speed.

STARTER HANDLE - used for starting the engine.

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

FUEL VALVE - must be in the ON position for starting engine.

MULCHER PLUG - must be removed to convert to bagging or discharging operation.

OPERATION



The operation of any lawn mower can result in foreign objects thrown into the eyes, which can result in severe eye damage. Always wear safety glasses or eye shields while operating your lawn mower or performing any adjustments or repairs. We recommend a wide vision safety mask over the spectacles or standard safety glasses.

HOW TO USE YOUR LAWN MOWER



CAUTION: Do not run your lawn mower without mulcher plate in place and door closed or without an approved clipping deflector or grasscatcher in place. Never attempt to operate the lawn mower with the rear door removed or propped open.

ENGINE SPEED (See Fig. 5)

The engine speed is controlled by a throttle control located on the side of the upper handle. Choke (I) position is for starting a cold engine and fast (F) position is for normal cutting, trimming, and better grass bagging. Slow (S) position is for light cutting, trimming and fuel economy.

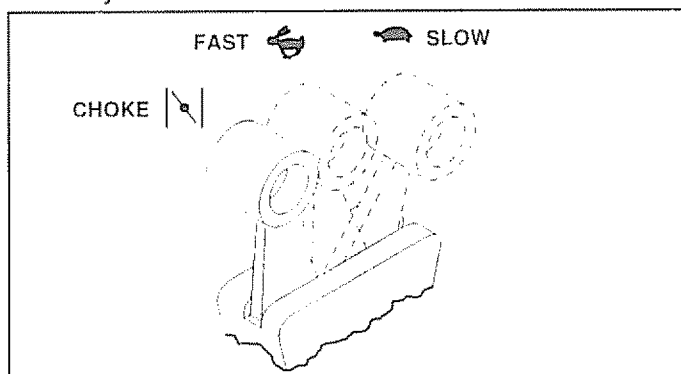


FIG. 5

ENGINE ZONE CONTROL



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

- Your lawn mower is equipped with an operator presence control bar which requires the operator to be positioned behind the lawn mower handle to start and operate the lawn mower.

TO ADJUST CUTTING HEIGHT (See Fig. 6)

- 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.

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

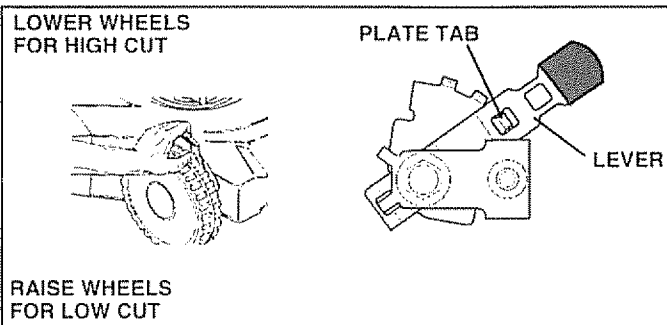


FIG. 6

TO EMPTY GRASS CATCHER (See Fig. 7)

- To remove grass catcher, release operator presence control bar to stop engine.
- Lift up rear door and remove the grass catcher by the handle.
- Do not drag the bag when emptying; it will cause unnecessary wear.

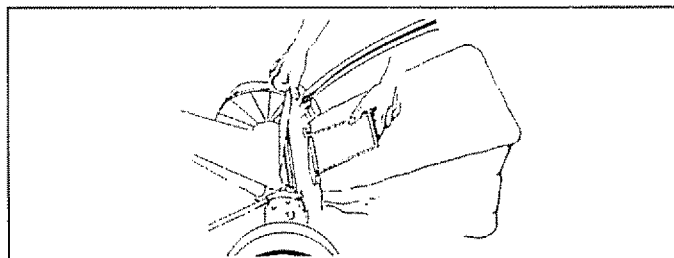


FIG. 7

DRIVE CONTROL (See Fig. 8)

- 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.
- Forward motion will stop when the operator presence control bar is released. To stop forward motion without stopping 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 lawn mower.

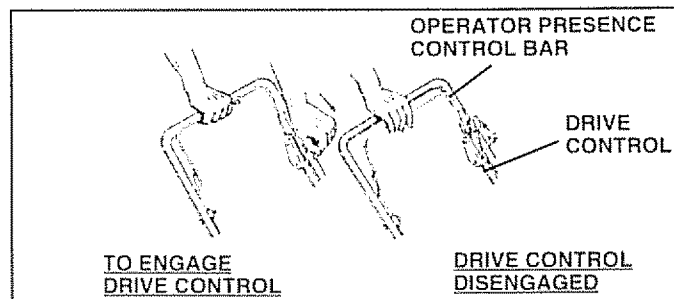


FIG. 8

OPERATION

BEFORE STARTING ENGINE OIL (See Fig. 9)

Your lawn mower is shipped without oil in the engine.

- Be sure mower is level and area around oil fill is clean.
- Remove engine oil cap w/dipstick and fill to the upper limit mark on dipstick.
- Use 20 ozs. of oil. For type and grade of oil to use, see "ENGINE" in Customer Responsibilities section of this manual.
- Pour oil slowly. Do not over fill.
- Check oil level before each use. Add oil if needed. Fill to the upper limit mark on dipstick.
- To read proper level, insert the dipstick into the tube and rest oil fill cap on the tube. Do not thread the cap onto the tube. Remove and read the oil level.
- 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.

GAS (See Fig. 9)

- Fill fuel tank. Use fresh, clean, regular unleaded gasoline with a minimum of 87 octane. (Use of leaded gasoline will increase carbon and lead oxide deposits and reduce valve life). Do not mix oil with gasoline. Purchase fuel in quantities that can be used within 30 days to assure fuel freshness.

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 of 30 days or longer. Drain the fuel tank, start the engine and let it run until 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 fuel tank or permanent damage may occur.

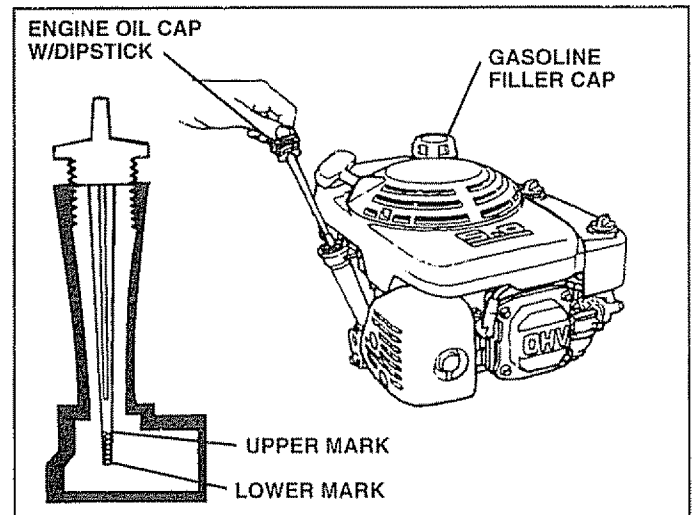


FIG. 9

TO START ENGINE (See Fig. 10)

- Turn fuel valve to ON position.
- To start a cold engine, move handle mounted throttle/choke control lever to choke (N) position.
- Hold operator presence control bar down to the handle and pull starter handle quickly. Do not allow starter rope to snap back.
- Slowly move throttle control lever to fast (F) position after engine starts.
- To start a warm engine, move throttle control lever to fast (F) or slow (S) position then follow steps above.
- To stop engine, release operator presence control bar. Wait until blade and all moving parts have stopped and turn fuel valve to OFF position if you do not intend to restart the engine soon.

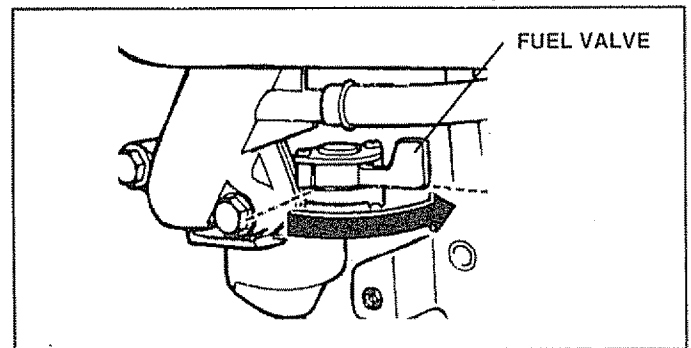


FIG. 10

OPERATION

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.
- 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 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.
- Keep top of engine around starter clear and clean of grass clippings and chaff. This will help engine air flow and extend engine life.
- 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 catchers off with water and let dry before using.

MULCHING MOWING TIPS

IMPORTANT: FOR BEST PERFORMANCE, KEEP MOWER HOUSING FREE OF BUILT-UP GRASS AND TRASH. SEE "CLEANING" IN CUSTOMER RESPONSIBILITIES SECTION OF THIS MANUAL

- The special mulching blade will recut the grass clippings many times and reduce them in size so that as they fall onto the lawn they will disperse into the grass and not be noticed. Also, the mulched grass will biodegrade quickly to provide nutrients for the lawn. Always mulch with your highest engine (blade) speed as this will provide the best recutting action of the blades.
- Avoid cutting your lawn when it is wet. Wet grass tends to form clumps and interferes with the mulching action. The best time to mow your lawn is the early afternoon. At this time the grass has dried and the newly cut area will not be exposed to the direct sun.

- For best results, adjust the lawn mower cutting height so the blades (See Fig. 11). If the lawn is overgrown it will be necessary to keep from overloading the engine and leaving clumps of grass by overlapping previously cut path and mow side by side.
- Certain types of grass and grass conditions may require the second cut. When doing a second cut, mow across or perpendicular to the first cut.
- Change your cutting pattern from week to week. Mow north to south one week and south to north the next. This will help prevent matting and graining of the lawn.

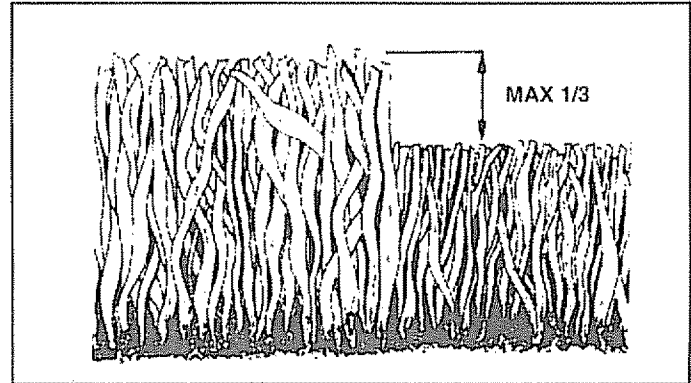


FIG. 11

CUSTOMER RESPONSIBILITIES

MAINTENANCE SCHEDULE		SERVICE INTERVALS						SERVICE DATES					
		BEFORE EACH USE	AFTER EACH USE	FIRST 2 HOURS	EVERY 10 HOURS	EVERY 25 HOURS OR EVERY SEASON	BEFORE STORAGE						
MOWER	Check for Loose Fasteners	✓					✓						
	Clean/Inspect Grass Catcher (If Equipped)	✓	✓				✓						
	Clean Lawn Mower		✓				✓						
	Clean Under Drive Cover (Power-Propelled Mowers)				✓								
	Check drive belt/pulleys (Power-Propelled Mowers)					✓							
	Check/Sharpen/Replace Blade					✓ ₃							
	Lubrication Chart					✓	✓						
	Clean Battery/Recharge (Electric Start Mowers)					✓	✓ ₄						
ENGINE	Check Engine Oil Level	✓											
	Change Engine Oil			✓		✓ _{1,2}							
	Clean Air Filter					✓							
	Inspect Muffler					✓							
	Clean or Replace Spark Plug					✓							
	Replace Air Filter Paper Cartridge					✓ ₂							

- 1 - Change more often when operating under a heavy load or in high ambient temperatures
- 2 - Service more often when operating in dirty or dusty conditions
- 3 - Replace blades more often when mowing in sandy soil
- 4 - Charge 48 hours at end of season

GENERAL RECOMMENDATIONS

The warranty on this lawn mower does not cover items that have been subjected to operator abuse or negligence. To receive full value from the warranty, operator must maintain mower as instructed in this manual.

Some adjustments will need to be made periodically to properly maintain your unit.

All adjustments in the Service and Adjustments section of this manual should be checked at least once each season.

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

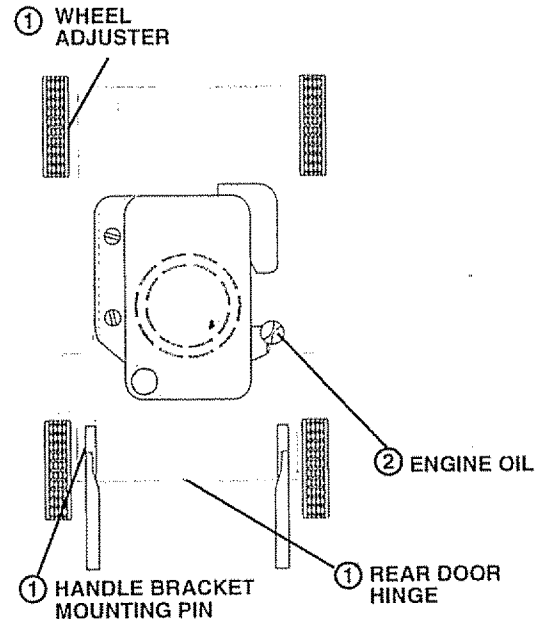
BEFORE EACH USE

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

LUBRICATION

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

LUBRICATION CHART



- ① SPRAY LUBRICANT
- ② REFER TO CUSTOMER RESPONSIBILITIES "ENGINE" SECTION.

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

CUSTOMER RESPONSIBILITIES

LAWN MOWER

Always observe safety rules when performing any maintenance.

TIRES

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

LAWN MOWER

Always observe safety rules when performing any maintenance.

TIRES

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

BLADE CARE

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

TO REMOVE BLADE (See Fig. 12)

- 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. Make sure air filter and carburetor are up.
- Use a wood block between blade and mower housing to prevent blade from turning when removing 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.

TO REPLACE BLADE (See Fig. 12)

- Position the blade adapter on the engine crankshaft. Be sure the spacer is in the adaptor and key in shaft and adaptor keyway are aligned.
- Position blade on the blade adapter. Be sure the trailing edge of blade (opposite sharp edge) is up toward the engine.
- Install the blade bolt with washers into blade adapter and crankshaft.
- Use block of wood between blade and lawn mower housing and tighten the blade bolt, turning clockwise.
- The recommended tightening torque is 35-40 ft. lbs.

IMPORTANT: BLADE BOLT IS GRADE 8 HEAT TREATED.

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

TO SHARPEN BLADE

Care should be taken to keep the blade balanced. An unbalanced blade will cause eventual damage to lawn mower or engine.

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

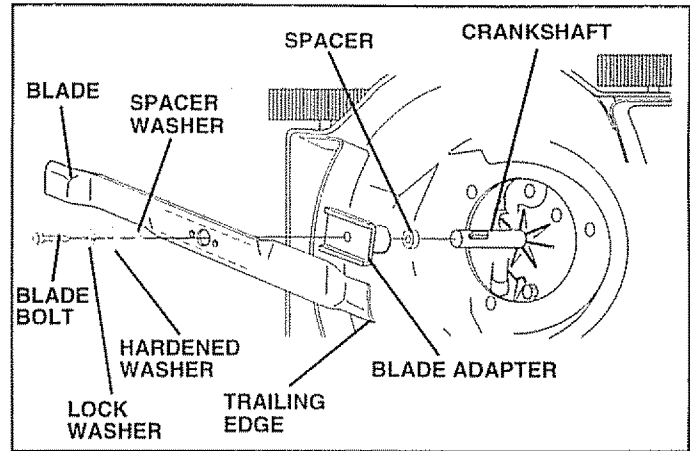


FIG. 12

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. Give the lawn mower model number when ordering.

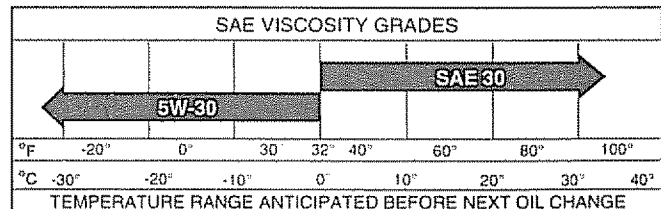
GEAR CASE

- To keep your drive system working properly, the gear case and area around the drive should be kept clean and free of trash build-up. Clean under the drive cover twice a season.
- The gear case is filled with lubricant to the proper level at the factory. The only time the lubricant needs attention is if service has been performed on the gear case.
- If lubricant is required, use only Texaco Starplex Premium 1 Grease, Part No. 750355. Do not substitute.

ENGINE

LUBRICATION

Use only high quality detergent oil rated with API service classification SF or SG. Select the oil's SAE viscosity grade according to your expected operating temperature.



NOTE: Although multi-viscosity oils (5W30, 10W30 etc.) improve starting in cold weather, these multi-viscosity oils will result in increased oil consumption when used above 32°F. Check your engine oil level more frequently to avoid possible engine damage from running low on oil.

Change the oil after the first two hours of operation and every 25 hours thereafter or at least once a year if the lawn mower is not used for 25 hours in one year.

Check the crankcase oil level before starting the engine and after each five (5) hours of continuous use. Tighten oil plug securely each time you check the oil level.

CUSTOMER RESPONSIBILITIES

TO CHANGE ENGINE OIL (See Fig. 13)

NOTE: Before tipping lawn mower to drain oil, drain fuel tank by running engine until fuel tank is empty.

- Disconnect spark plug wire from spark plug and place wire where it cannot come in contact with spark plug.
- Remove engine oil cap; lay aside on a clean surface.
- Tip lawn mower on its side and drain oil into a suitable container. Rock lawn mower back and forth to remove any oil trapped inside of engine.
- Wipe off any spilled oil on lawn mower and on side of engine.
- Fill engine with oil. Fill to the upper limit mark on the dipstick. **DO NOT OVER FILL.**
- To read proper level, insert the dipstick into the tube and rest oil fill cap on the tube. Do not thread the cap onto the tube. Remove and read the oil level.
- Replace engine oil cap.
- Reconnect spark plug wire to spark plug.

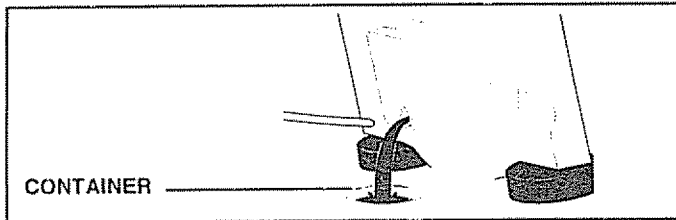


FIG. 13

AIR FILTER (See Fig. 14)

Your engine will not run properly using a dirty air filter. Clean the foam pre-cleaner after every 25 hours of operation or every season. Service paper cartridge every 100 hours of operation or every season, whichever occurs first. Service air cleaner more often under dusty conditions.

- Remove wing bolts and cover.

TO SERVICE PRE-CLEANER

- Remove foam pre-cleaner from air cleaner cover.
- Wash it in liquid detergent and water.
- Squeeze it dry in a clean cloth.
- Saturate it in engine oil. Wrap it in clean, absorbent cloth and squeeze to remove excess oil.
- If very dirty or damaged, replace pre-cleaner.
- Reinstall pre-cleaner into air cleaner cover.
- Reinstall cover and secure with wing bolts.

TO SERVICE CARTRIDGE

- Carefully remove cartridge to prevent debris from entering carburetor. Clean base carefully to prevent debris from entering carburetor.
- Clean cartridge by tapping gently on flat surface. If very dirty or damaged, replace cartridge.
- Reinstall cartridge, cover with pre-cleaner and secure with wing bolts.

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

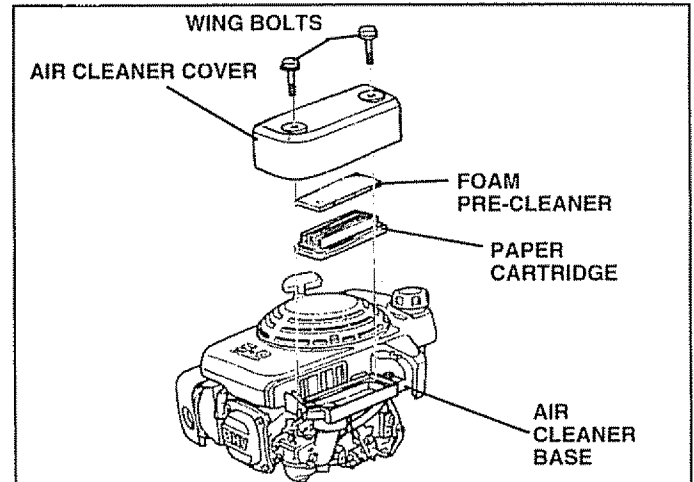


FIG. 14

MUFFLER

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

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

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



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

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

CLEAN UNDER DRIVE COVER

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

SERVICE AND ADJUSTMENTS



CAUTION: BEFORE PERFORMING ANY SERVICE OR ADJUSTMENTS:

- Release control bar.
- Make sure the blade and all moving parts have completely stopped.
- Disconnect spark plug wire from spark plug and place where it cannot come in contact with plug.

LAWN MOWER

TO ADJUST CUTTING HEIGHT

See "TO ADJUST CUTTING HEIGHT" in the Operation section of this manual.

REAR DEFLECTOR

The rear deflector, attached between the rear wheels of your 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 REMOVE/REPLACE DRIVE BELT

(See Fig. 16)

- Remove drive cover. Remove belt by pushing down on gear case pulley.
- Turn lawn mower on its side with carburetor and fuel cap up.
- Remove blade.
- Remove debris shield.
- Remove belt from engine pulley on crankshaft.
- Install new belt by reversing above steps.
- Always use factory approved belt to assure fit and long life.

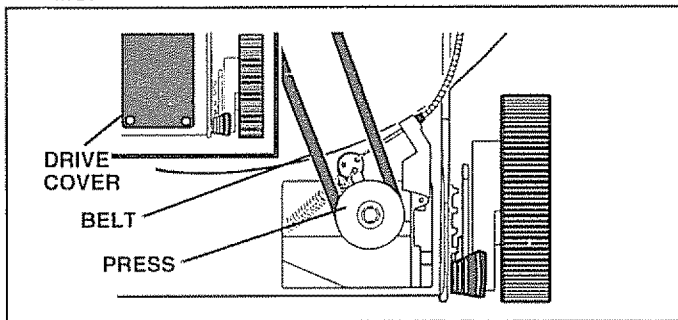
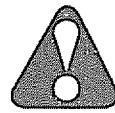


FIG. 16

TO ADJUST HANDLE (See Figs. 17 Thru 18)

Your lawn mower handle can be raised or lowered for your mowing comfort. Four (4) positions are available: high, medium high, medium low and low. Handles are shipped mounted in the medium low position.

- To change from medium low to medium high position, the upper and lower handle sections will have to be turned over (See Fig. 15B).
- Remove the controls and operator presence control bar from the upper handle.
- Remove the starter rope guide from the lower handle.
- Remove hairpin cotters.
- Disconnect the lower handle from the handle brackets (See Fig. 17)
- Turn the handle over and reassemble the hairpin cotters that have been removed.
- Reassemble the starter rope guide.
- Reassemble the controls and the operator presence control bar to the upper handle.



CAUTION: The operator presence control bar must pivot freely to permit blade brake engagement when control bar is released. Do not over tighten 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. 16A).
- To change from medium low to low position, only the lower handle section will have to be turned over (See Fig. 16B).

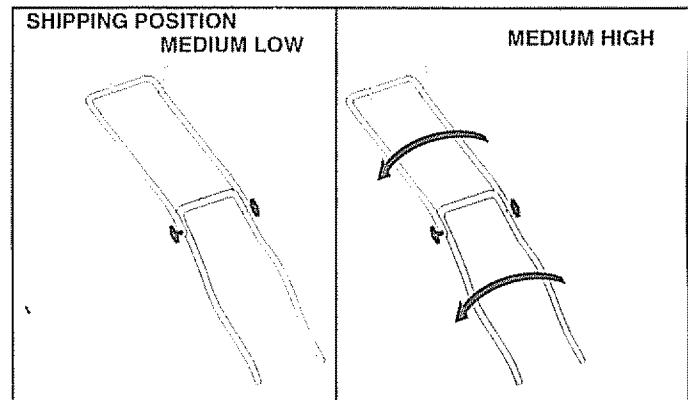


FIG. 16A

FIG. 16B

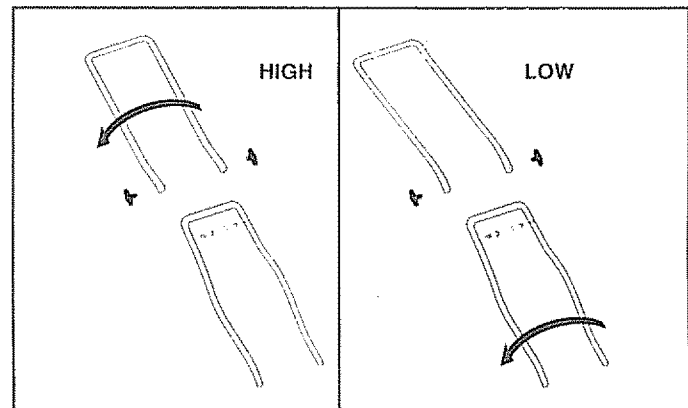


FIG. 17A

FIG. 17B

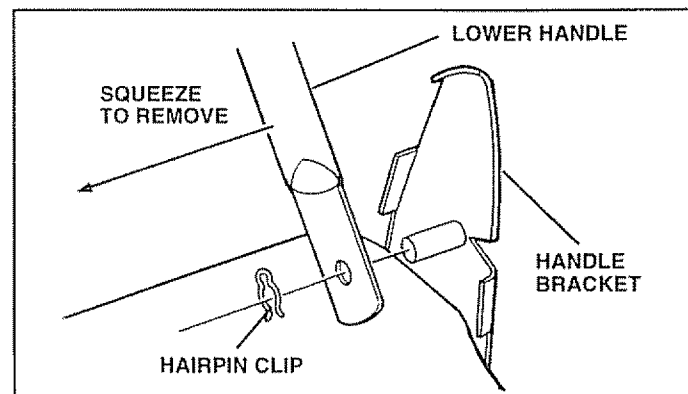


FIG. 18

SERVICE AND ADJUSTMENTS

ENGINE

ENGINE SPEED

Your engine speed has been factory set. Do not attempt to increase engine speed or it may result in personal injury. If you believe that the engine is running too fast or too slow, take your lawn mower to an authorized service center for repair and adjustment.

TO ADJUST THROTTLE CONTROL

(See Fig. 19)

A misadjusted throttle control will keep your engine from operating efficiently. If you have to replace or adjust the throttle control, follow these procedures:

- Loosen the cable clamp screw holding the throttle control cable to the engine speed control bracket.
- Put the throttle control lever (located on the handle) in fast (☛) position.
- Pull throttle cable until throttle lever just contacts the choke arm.
- Retighten the cable clamp screw.

CHECK CHOKE OPERATION -

- Put the throttle control lever (located on the handle) in choke (☚) position.
- Check that the choke arm is fully raised (choke fully closed). If necessary, adjust screw "B" so it just contacts the choke arm when the lever is fully raised.

NOTE: Do not adjust top no load adjusting screw "A". It was pre-set at the factory.

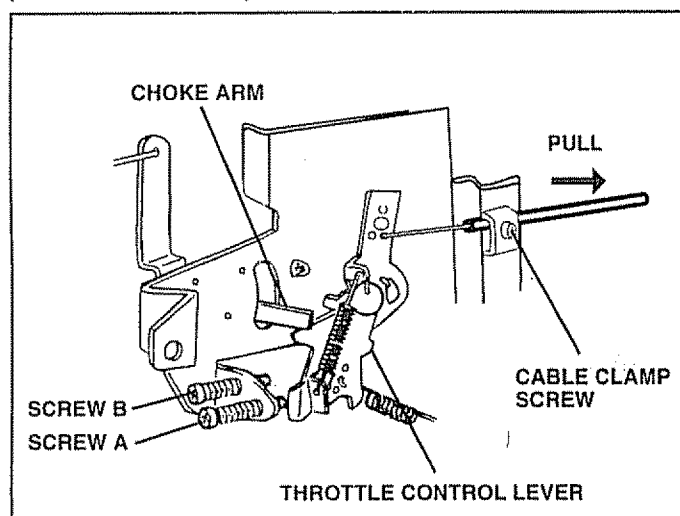


FIG. 19

CARBURETOR ADJUSTMENTS

(See Fig. 20)

The carburetor on your engine is low emission. The idle mixture screw is fitted with a limiter cap that prevents excessive enrichment of the air-fuel mixture in order to comply with emissions regulations and is not adjustable.

Do not attempt to remove the limiter cap to make adjustments. The limiter cap cannot be removed without breaking the idle mixture screw.

IDLE SPEED SETTING -

Adjustment will require the assistance of an additional person to hold down the operator presence control bar.

- Start engine and allow to warm for five minutes.
- With throttle control lever in slow (☛) position, engine should idle at 2100 RPM. If engine idles too slow or fast, turn throttle stop screw in or out until correct idle is attained.

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

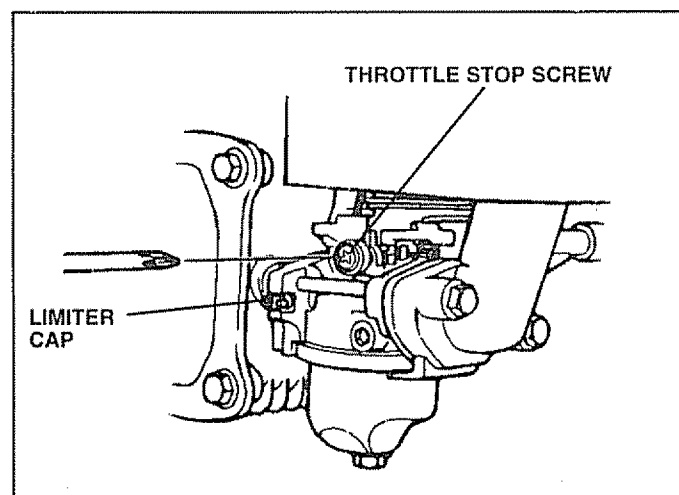


FIG. 20

STORAGE

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

LAWN MOWER

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

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

HANDLE (See Fig. 21)

You can fold your lawn mower handle for storage.

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

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

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

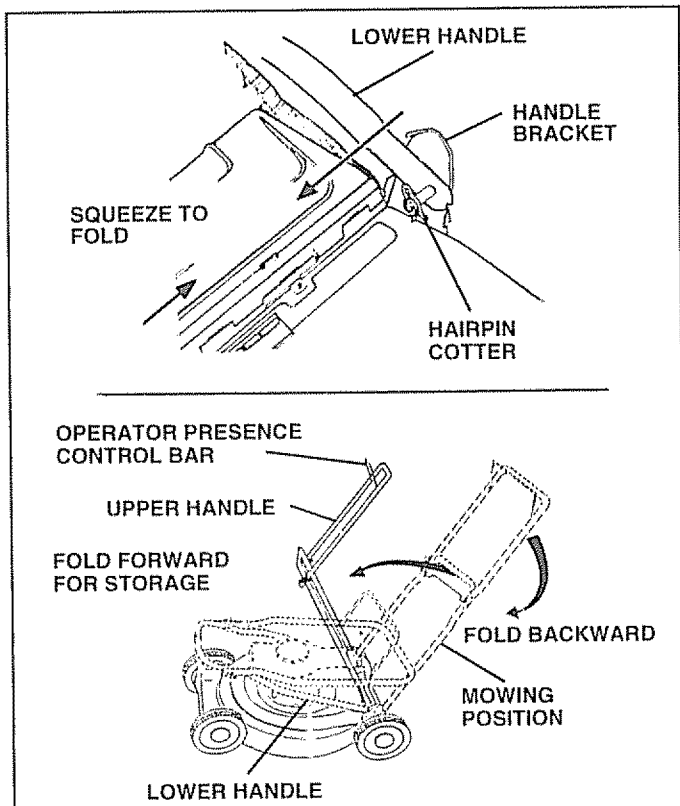


FIG. 21

ENGINE FUEL SYSTEM

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

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

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

ENGINE OIL

Drain oil (with engine warm) and replace with clean engine oil. (See "ENGINE" in the Customer Responsibilities section of this manual).

CYLINDER

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

OTHER

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

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



CAUTION: Never store the lawn mower with gasoline in the tank inside a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure.

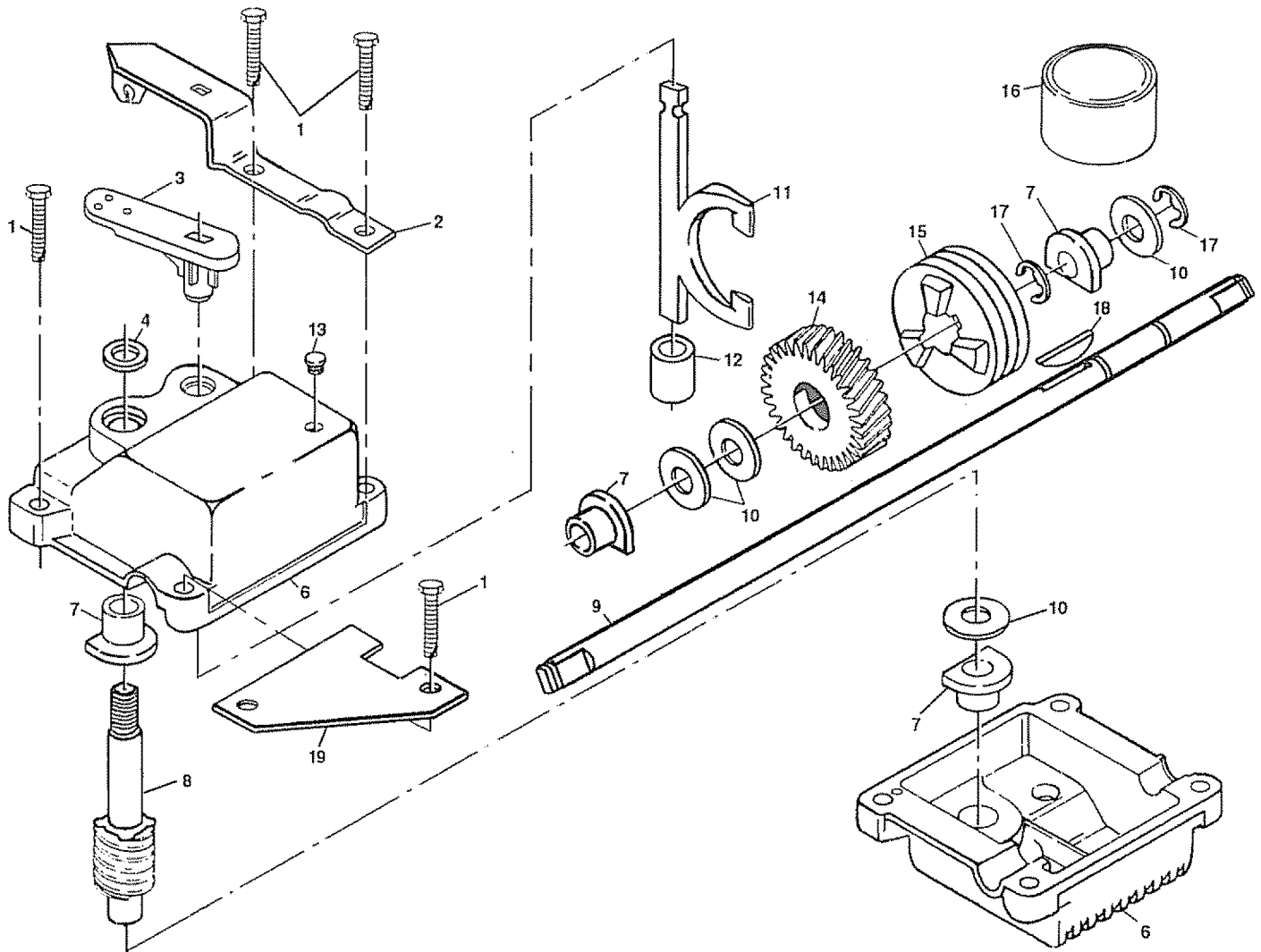
TROUBLESHOOTING POINTS

PROBLEM	CAUSE	CORRECTION
Does not start	<ol style="list-style-type: none"> 1 Dirty air filter 2 Out of fuel 3 Stale fuel 4 Water in fuel 5 Spark plug wire is disconnected 6 Bad spark plug 7 Loose blade or broken blade adapter 8 Control bar in released position 9 Control bar defective 	<ol style="list-style-type: none"> 1 Clean/replace air filter 2 Fill fuel tank. 3 Drain tank and refill with fresh clean fuel 4 Drain fuel tank and carburetor and refill tank with fresh gasoline 5 Connect wire to plug 6 Replace spark plug. 7 Tighten blade bolt or replace blade adapter 8 Depress control bar to handle 9 Replace 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 Buildup of grass, leaves and trash under mower 5 Too much oil in engine 6 Walking speed too fast. 	<ol style="list-style-type: none"> 1 Set in "Higher Cut" position. 2 Set in "Higher Cut" position. 3 Clean/replace air filter. 4 Clean underside of mower housing 5 Check oil level. 6 Cut at slower walking speed.
Poor cut - uneven	<ol style="list-style-type: none"> 1 Worn, bent or loose blade. 2 Wheel heights uneven 3 Low engine speed. 4 Buildup of grass, leaves, and trash under mower 	<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 position 4 Clean underside of mower housing.
Excessive vibration	<ol style="list-style-type: none"> 1 Worn, bent or loose blade 2 Bent engine crankshaft. 	<ol style="list-style-type: none"> 1 Replace blade Tighten blade bolt 2 Contact authorized service center/department
Starter rope hard to pull	<ol style="list-style-type: none"> 1 Engine flywheel brake is on when control bar is released 2 Bent engine crankshaft 3 Blade adapter broken 4 Blade dragging in grass 	<ol style="list-style-type: none"> 1 Depress control bar to upper handle before pulling starter rope 2 Contact authorized service center/department 3 Replace blade adapter 4 Move lawn mower to cut grass or to hard surface to start engine
Loss of drive	<ol style="list-style-type: none"> 1 Drive wheels not turning with drive control engaged. 2 Belt not driving. 	<ol style="list-style-type: none"> 1 Adjust or replace drive control cable, if broken. 2 Put belt on pulleys or replace belts if broken.
Grass catcher not filling (If so equipped)	<ol style="list-style-type: none"> 1 Cutting height too low. 2 Lift on blade worn off. 3 Catcher not venting air. 4 Low engine speed. 	<ol style="list-style-type: none"> 1 Raise cutting height. 2 Replace blade 3 Clean grass catcher 4 Set engine speed control in fast position.
Hard to push	<ol style="list-style-type: none"> 1 Grass is too high or wheel height is too low 2 Rear of lawn mower housing/blade dragging in 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 lawn mower housing one (1) setting higher 3 Empty grass catcher 4 Adjust handle height to suit.

REPAIR PARTS

ROTARY LAWN MOWER - - MODEL NO. 917.376370

GEAR CASE ASSEMBLY PART NUMBER 702511



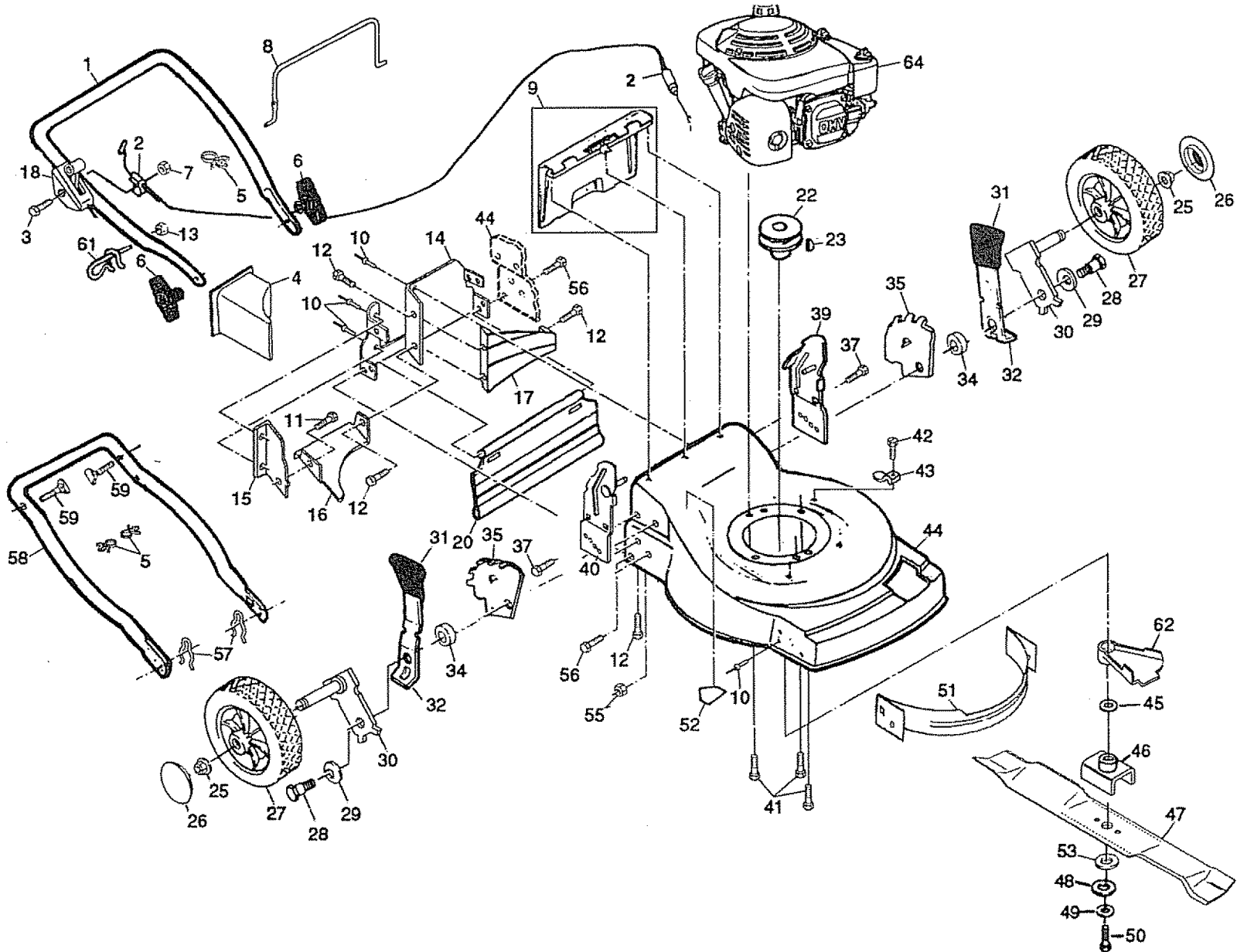
KEY NO.	PART NO.	DESCRIPTION
1	17490416	Tapping Screw 1/4-20 x 1-1/4
2	137055X004	Engagement Bracket
3	137053	Shifter
4	57072	Seal
6	48373	Gear Case Halves Kit (Includes Key Nos. 4, 5, and 7)
7	77881	Bearing
8	137051	Worm Shaft
9	137074	Drive Shaft
10	57079	Hardened Washer
11	131484	Clutch Yoke

KEY NO.	PART NO.	DESCRIPTION
12	700343	Bushing
13	86447	Plug
14	137050	Helical Gear
15	750436X	Clutch Jaw
16	750369	Grease
17	12000003	E-Ring
18	850848	Hi-Pro Key
19	81585X004	Spring Bracket

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

REPAIR PARTS

ROTARY LAWN MOWER MODEL NUMBER 917.376370



REPAIR PARTS

ROTARY LAWN MOWER MODEL NUMBER 917.376370

21

KEY NO.	PART NO	DESCRIPTION
1	145646X479	Upper Handle
2	130861	Engine Zone Control Cable
3	144929	Hex Head Screw 1/4-20 x 1-1/2
4	150425	Mulcher Plug
5	151517	Cable Clip
6	136376	Handle Knob
7	STD541425	Locknut 1/4-20
8	145793	Control Bar
9	151023	Rear Door Kit
10	128415	Pop Rivet
11	150050	Self Tapping Screw #10-24 x 5/8
12	STD512505	Hex Tapping Screw w/Sems 1/4-20 x 1/2
13	73510400	Keps Locknut
14	700483X479	Back Plate
15	700365X479	Side Baffle
16	133190X479	Discharge Baffle
17	140661X479	Rear Baffle
18	147758	Control Throttle
20	140540	Rear Skirt
22	84596	Engine Pulley
23	87677	Hi-Pro Key #505
25	83923	Hex Flange Nut
26	150182	Hubcap
27	150339	Wheel
28	142748	Shoulder Bolt 3/8-16 x 1
29	62335	Spring Washer
30	145935X004	Axle Arm Assembly
31	701037	Selector Knob
32	700331X004	Selector Spring
34	146630	Spacer
35	700325X007	Wheel Adjusting Bracket
37	150078	Thread Cutting Screw w/Sems 5/16-18 x 3/4

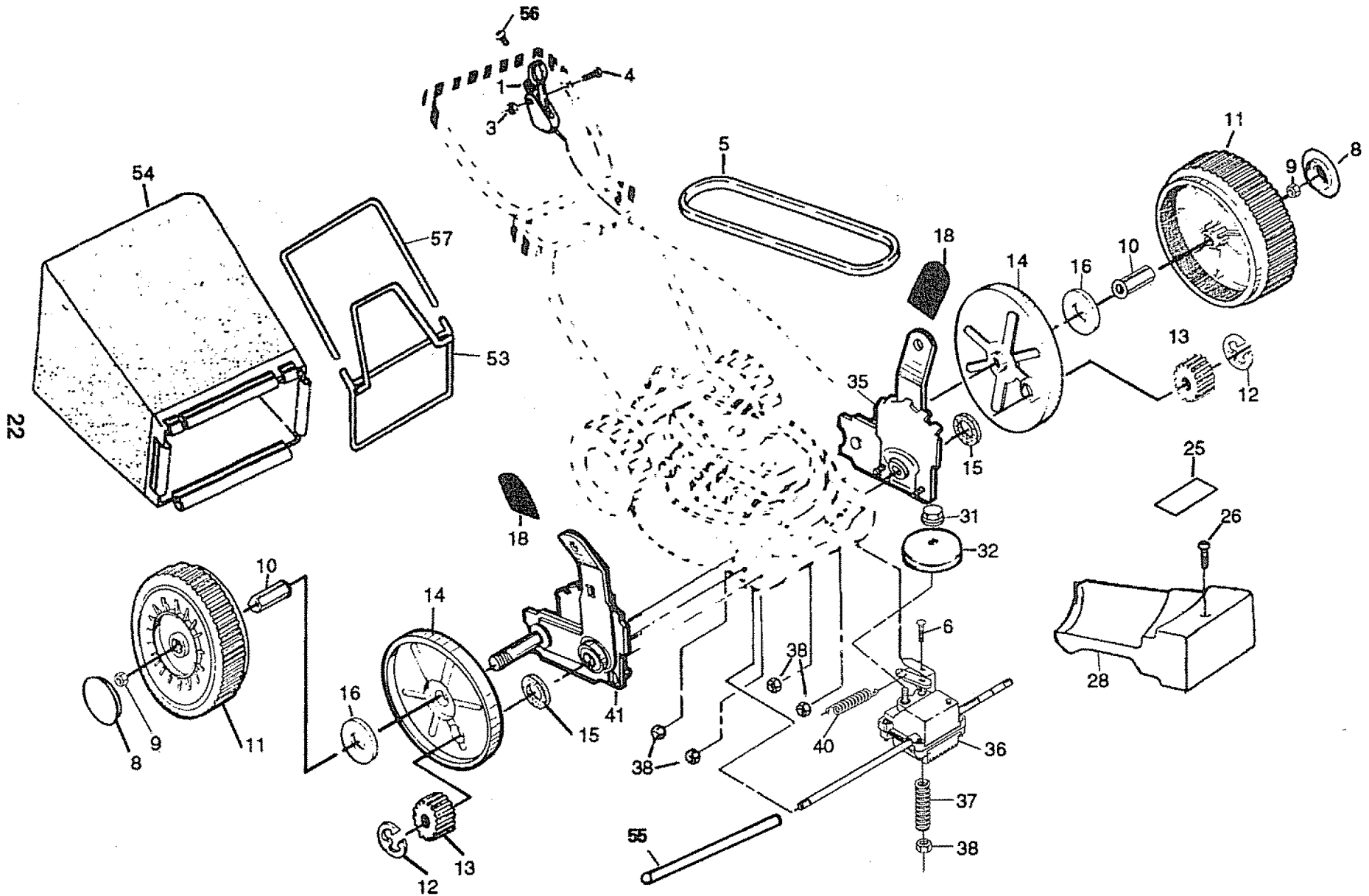
KEY NO.	PART NO	DESCRIPTION
39	151512X479	Handle Bracket Assembly (Left)
40	151511X479	Handle Bracket Assembly (Right)
41	850998	Hex Head Thread Rolling Screw 3/8-16 x 1-1/8
42	750097	Hex Washer Head Screw #10-24 x 1/2
43	87930	Guide Clip
44	48413	Lawn Mower Housing (Incl. Key #14, 15, 51 & 52)
45	67510	Washer
46	144229X004	Blade Adapter
47	141114	Blade 22"
48	851074	Hardened Washer
49	850263	Helical Washer 3/8-24 x 1-3/8 Gr. 8
50	851084	Hex Head Machine Screw 3/8-24 x 1-3/8 Gr. 8
51	700869X479	Front Baffle
52	85463	Danger Decal
53	148353	Washer
55	751592	Locknut 3/8-16
56	88652	Hinge Screw 1/4-20 x 1-1/4
57	51793	Hairpin Cotter
58	151516X479	Lower Handle
59	131959	Handle Bolt
61	132001	Rope Guide
62	134612	Debris Shield
64	146493	Engine-Craftsman - Model No. GXV140A1KY
--	153580	Owner's Manual (English/Spanish)

Available accessories not included with lawn mower:

--	<u>71</u> 33303	Clipping Deflector
--	<u>71</u> 33623	Gas Can (2.5 gal.)
--	<u>71</u> 33500	Fuel Stabilizer
--	<u>71</u> 33027	SAE 30W Oil (27 oz.)
--	<u>71</u> 33417	Dust Shield
--	<u>71</u> 33316	Mower Cover

REPAIR PARTS

ROTARY LAWN MOWER MODEL NUMBER 917.376370

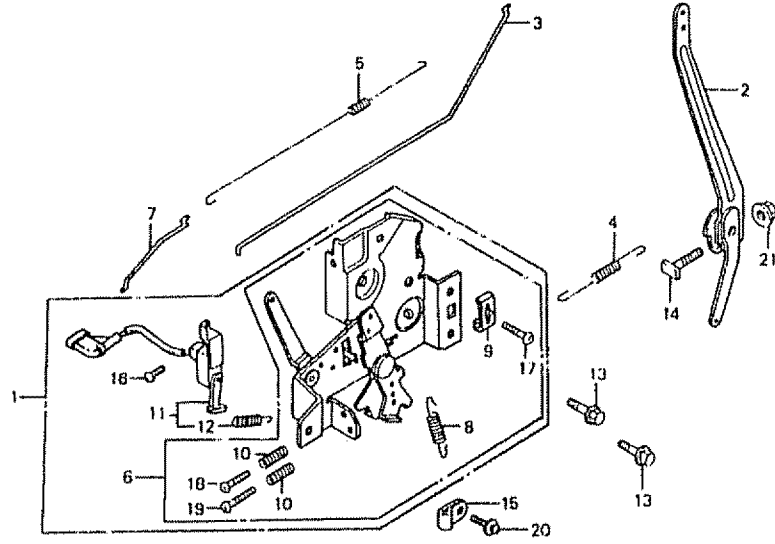


REPAIR PARTS

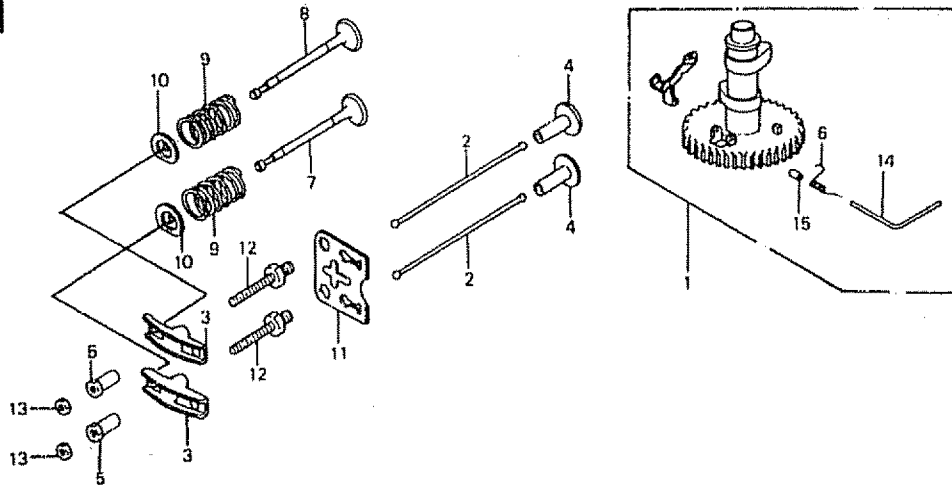
ROTARY LAWN MOWER MODEL NUMBER 917.376370

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	146323	Control Cable Assembly	26	143603	Pan Head Tapping Screw #10-24 x 2-3/4
3	63601	Locknut #10-24	28	702806	Drive Cover
4	144929	Pan Head Machine Screw 1/4 x 2.12	31	132010	Hex Flange Nut
5	146527	V-Belt	32	137052	Drive Pulley
6	700875	Carrage Bolt 1/4-20 x 2	35	151520	Wheel Adjuster Assembly (Left)
8	150182	Hubcap	36	702511	Gear Case Assembly
9	145212	Flanged Nut	37	146467	Spring
10	86960	Nylon Bushing	38	STD541425	Locknut 1/4-20
11	150340	Wheel & Tire Assembly	40	75192	Spring
12	12000058	E-Ring	41	151521	Wheel Adjuster Assembly (Right)
13	137054	Pinion	53	144747	Frame Throat
14	88080	Dust Cover	54	149844	Grassbag Assembly
15	88118	Felt Washer	55	86012	Driveshaft Cover
16	67725	Washer 1/2 x 1-1/2 x .134	57	144748	Frame Tube
18	701037	Selector Knob			
25	152903	Drive Cover Decal			

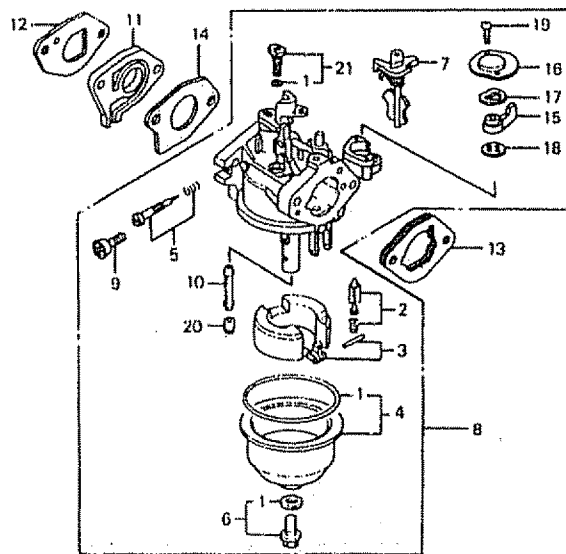
CONTROL



CAMSHAFT



CARBURETOR



CONTROL

KEY PART NO. NO.	DESCRIPTION
1 4428868	Control Assembly
2 1452887	Governor Arm, Complete
3 1452895	Rod, Governor
4 1509280	Spring, Governor
5 1452911	Spring, Throttle Return
6 4084075	Control Complete
7 1672237	Rod, Choke
8 4034682	Spring, Lever
9 0800466	Holder, Cable
10 0636431	Spring, Control Adjusting
11 4428918	Switch Assembly, Engine Stop
12 1830207	Spring, Switch Control
13 0803619	Bolt, Flange 6 x 14
14 2418671	Bolt, Governor Arm
15 4540662	Clip 2.9 mm
16 0156463	Screw, Pan Head 4 x 8
17 0145557	Screw, Pan Head 5 x 16
18 0197731	Screw, Pan Head 5 x 20
19 0145565	Screw, Pan Head 5 x 25
20 0481127	Screw, Washer Head 4 x 12
21 0471623	Nut, Flange 6 mm

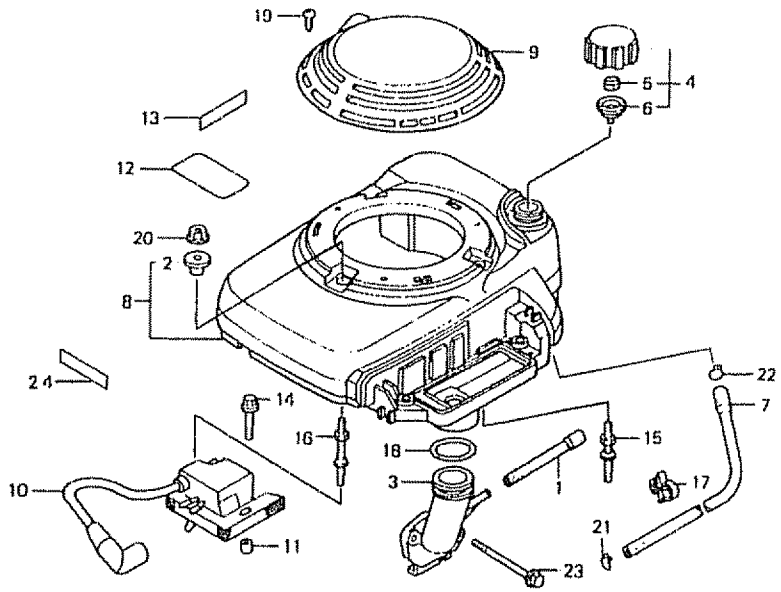
CARBURETOR

KEY PART NO. NO.	DESCRIPTION
1 4428827	Gasket Set
2 1441476	Valve Set, Float
3 1441492	Float Set
4 4428835	Chamber Set, Float
5 4219879	Screw Set
6 1441518	Screw Set B
7 3352671	Choke Set
8 4428843	Carburetor Assembly (BE53A A)
9 1441559	Screw, Throttle Stop
10 4428850	Nozzle, Main
11 3307311	Insulator, Carburetor
12 4224267	Packing, Carburetor (HPE)
13 2455640	Carburetor Spacer, Complete
14 4224275	Gasket, Carburetor
15 2580116	Lever, Valve
16 1807791	Plate, Lever Setting
17 1807809	Spring, Valve Lever
18 3440708	Gasket, Fuel Valve
19 2387090	Screw, Pan Head 3 x 8
20 4193397	Jet, Main #62
21 3683141	Jet Set, Pilot #40

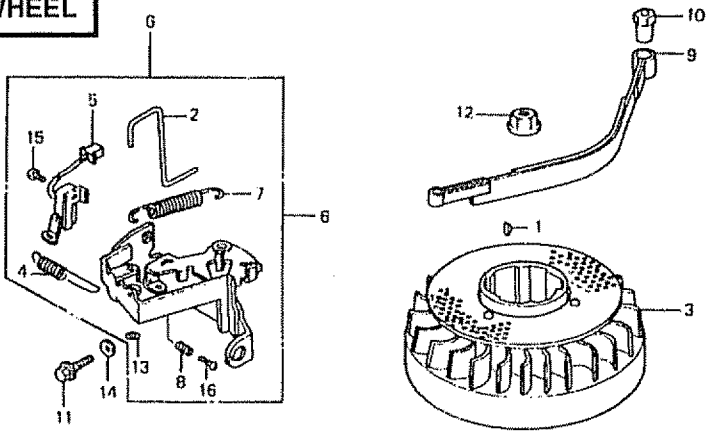
CAMSHAFT

KEY PART NO. NO.	DESCRIPTION
1 4327334	Camshaft Assembly
2 3337854	Rod, Push
3 1426824	Arm, Valve Rocker
4 1426832	Lifter, Valve Arm
5 4300901	Pivot, Rocker Arm
6 4327342	Spring, Weight Return
7 4428454	Valve, Intake
8 4428462	Valve, Exhaust
9 3683489	Spring, Valve
10 4544284	Retainer, Valve Spring
11 1929769	Plate, Push Rod Guide
12 1756964	Bolt, Pivot
13 1431287	Nut, Pivot Adjusting
14 4327557	Pin, Weight Center
15 4452355	Collar, Weight Center

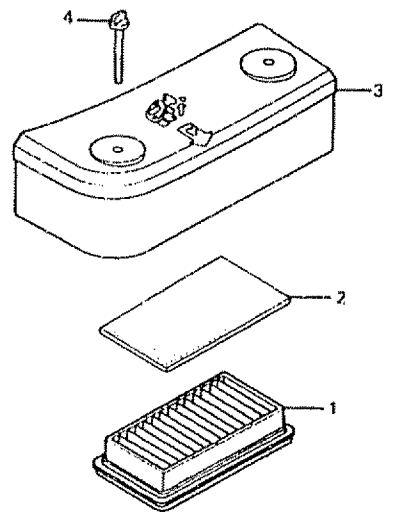
FAN COVER



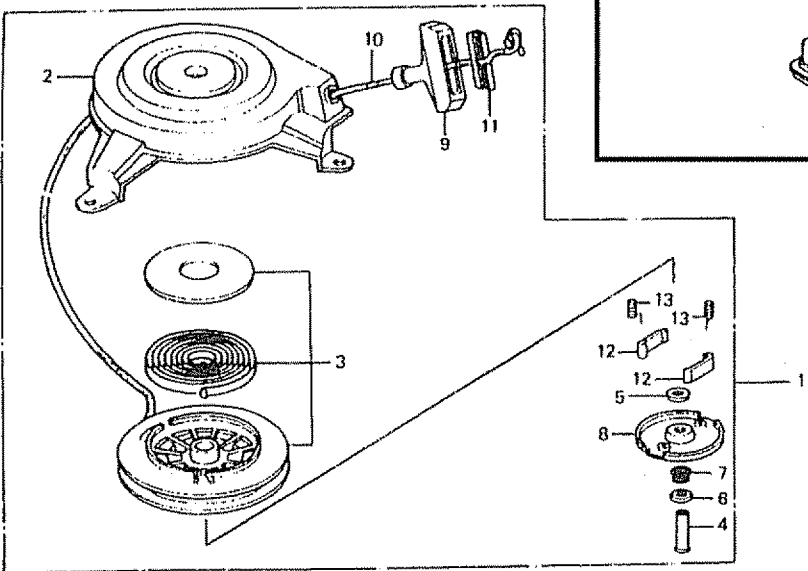
FLYWHEEL



AIR CLEANER



RECOIL STARTER



FAN COVER

KEY PART NO. NO.	DESCRIPTION
1 2580033	Tube Breather
2 2029346	Collar, Air Cleaner
3 4452488	Air Cleaner Elbow, Complete
4 2289833	Cap Assembly, Fuel Tank
5 0810341	Sponge, Fuel Cap Breather
6 2507689	Gasket, Fuel Cap
7 4469722	Tube, Fuel Tank
8 4536942	Fan Cover, Complete
9 4536967	Hood, Fan Cover, Black
10 4327490	Coil Assembly, Ignition
11 1024561	Collar, Roto-Stop
12 4722583	Decal, Emblem, 5.0
13 4722575	Decal, Honda
14 0636076	Bolt, Flange 6 x 32
15 4429015	Bolt, Stud, Brake
16 4429023	Bolt, Stud C
17 1064021	Clip B, Cable
18 4429056	O-Ring 33.3 x 3.5
19 4311718	Screw, Tapping 4 x 20
20 0471623	Nut, Flange 6 mm
21 0250647	Clip, Tube, B8
22 0250985	Clip, Tube, B10
23 2533883	Bolt, Flange 6 x 100
24 4722567	Decal, Craftsman

AIR CLEANER

KEY PART NO. NO.	DESCRIPTION
1 4327383	Element, Air Cleaner
2 4327391	Filter, Outer
3 4536983	Cover, Air Cleaner
4 4010146	Bolt, Air Cleaner 6 mm

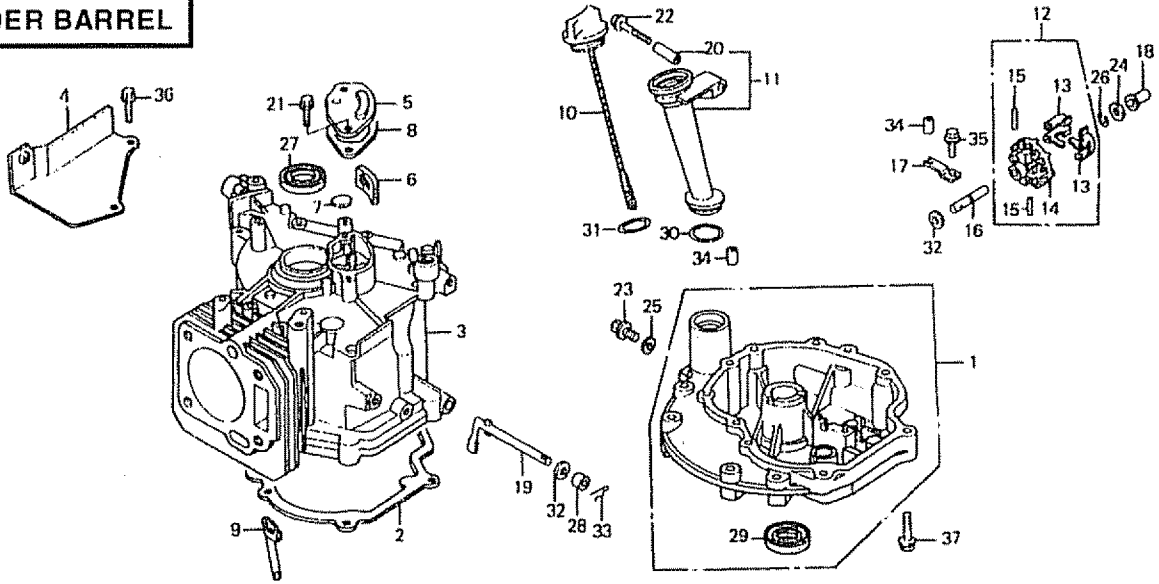
FLYWHEEL

KEY PART NO. NO.	DESCRIPTION
1 0348433	Key, Woodruff, Special 25 x 18
2 4428876	Rod, Governor Arm Return
3 4327508	Flywheel Assembly
4 4428892	Spring, Switch Control
5 4428900	Switch Assembly, Engine Stop
6 4428942	Lever Assembly, Brake
7 4428959	Spring, Brake Lever
8 4428967	Spring, Brake Adjusting
9 4327524	Brake, Complete
10 4428975	Collar, Brake Shaft
11 0747733	Bolt, Flange 6- x 16
12 0442038	Nut, Special 14 mm
13 4540647	Nut, Push, 2.6
14 0350215	Washer, Sealing 6.5 x 12
15 0156463	Screw, Pan Head 4 x 8
16 0173567	Screw, Pan Head 5 x 12

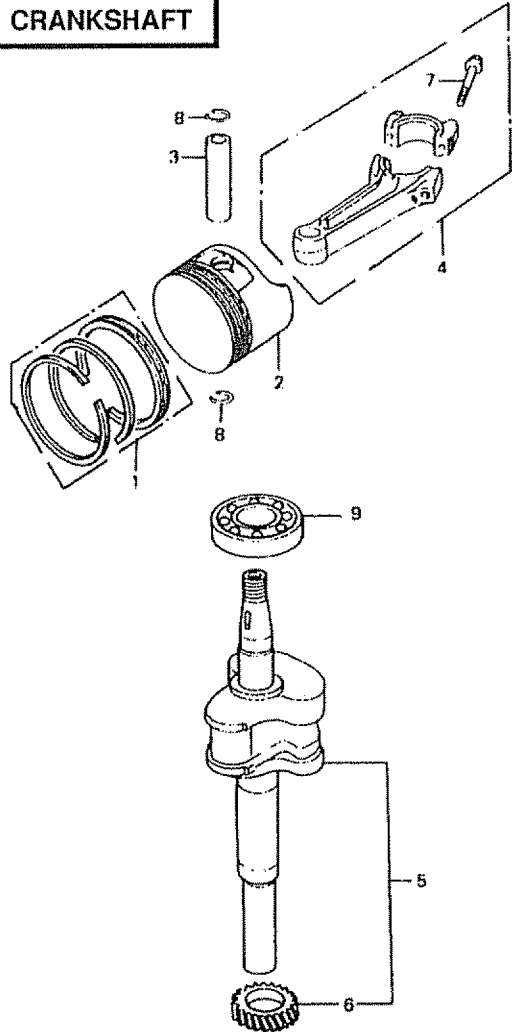
RECOIL STARTER

KEY PART NO. NO.	DESCRIPTION
1 4327409	Starter Assembly, Recoil
2 4327417	Housing Assembly
3 4327425	Pulley and Spring Assembly
4 4327433	Pin, Center
5 4327441	Plate A, Friction
6 4327458	Plate B, Friction
7 4327466	Spring, Friction
8 4327474	Retainer
9 3979887	Handle
10 4327482	Rope, Recoil Starter
11 3979879	Handle, Reinforcement
12 3979937	Ratchet Starter
13 3979929	Spring, Dog

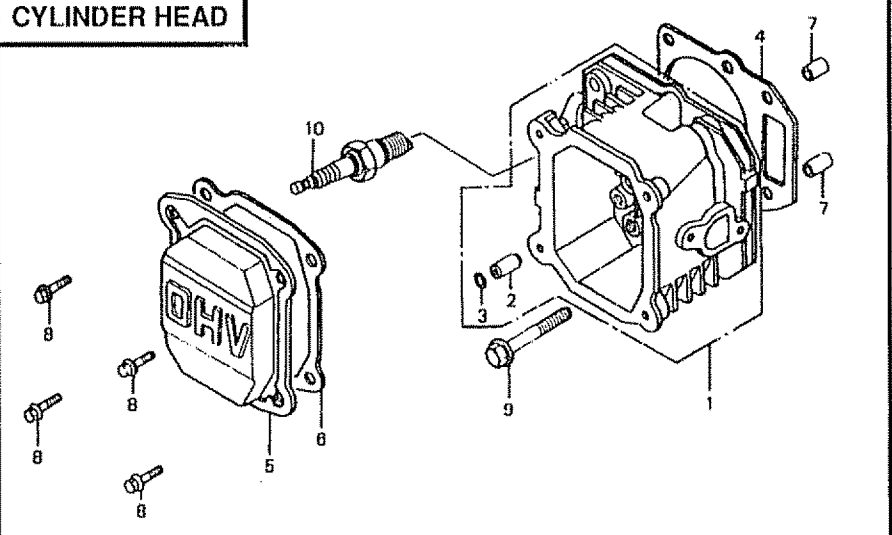
CYLINDER BARREL



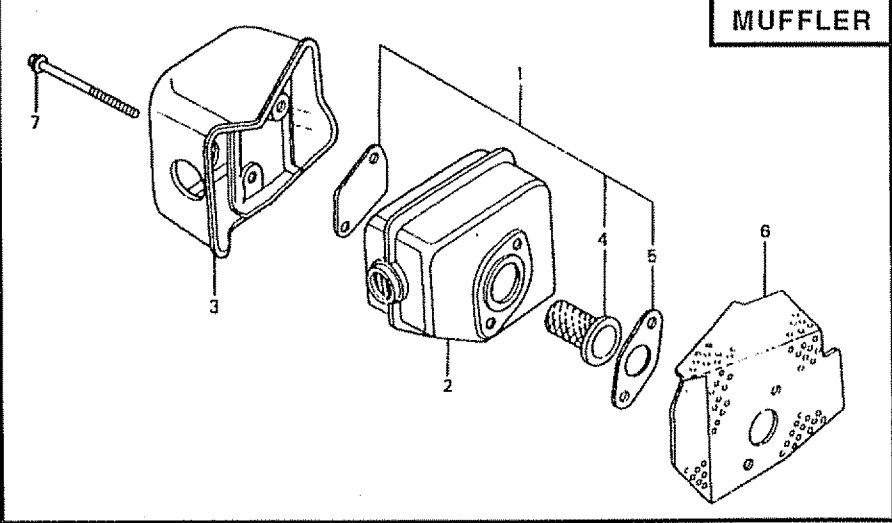
CRANKSHAFT



CYLINDER HEAD



MUFFLER



CYLINDER BARREL

KEY PART NO. NO.	DESCRIPTION
1 4722591	Pan Assembly, Oil
2 4224259	Gasket, Oil Pan
3 4459491	Barrel, Complete, Cylinder
4 3307287	Plate, Guide
5 1662535	Cap, Complete, Breather Chamber
6 2794402	Filter, Breather
7 0452151	Valve, Breather
8 1452622	Gasket, Breather Chamber
9 1825702	Pipe, Oil Defense
10 3337862	Gauge, Complete, Oil Level
11 3337870	Extension, Oil Filler
12 3337904	Governor Assembly
13 1427228	Weight, Governor
14 1452846	Holder, Governor Weight
15 1427244	Pin, Governor Weight
16 1452853	Shaft, Governor Holder
17 3337912	Plate, Governor Shaft Holder
18 1427251	Slider, Governor
19 2289643	Shaft, Governor Arm
20 1453000	Collar, Extension
21 0803619	Bolt, Flange 6 x 14
22 0636076	Bolt, Flange 6 x 32
23 1431246	Bolt, Drain Plug
24 1106764	Washer, Thrust 6 mm
25 1436583	Washer, Drain Plug 10.2 mm
26 2456697	Clip, Governor Holder
27 3270246	Oil Seal 22 x 35 x 6
28 0801043	Seal, Oil 6 x 11 x 4
29 0671628	Oil Seal 25 x 38 x 7 (ARAI)
30 2280006	O-Ring 22.5 x 2.2
31 0065185	O-Ring 26 x 2.7
32 0345900	Washer, Plain 6 mm
33 0115527	Pin, Lock 8 mm
34 0069310	Pin A, Dowel 8 x 14
35 2170793	Bolt, Flange 6 x 12
36 2105815	Bolt, Flange 6 x 20
37 2105849	Bolt, Flange 6 x 28

MUFFLER

KEY PART NO. NO.	DESCRIPTION
1 4165866	Kit, Spark Arrester
2 4060844	Muffler, Complete
3 4223954	Muffler Protector, Complete
4 0672253	Arrestor, Spark
5 4165932	Gasket, Muffler
6 4010120	Gasket, Muffler
7 3378064	Bolt, Flange 6 x 85

CRANKSHAFT

KEY PART NO. NO.	DESCRIPTION
1 4222303	Ring Set, Piston, Standard Size
4222311	Ring Set, Piston, 0.25 Oversize
4222329	Ring Set, Piston, 0.50 Oversize
4222337	Ring Set, Piston, 0.75 Oversize
2 3307303	Piston, Standard Size
3613767	Piston, 0.25 Oversize
3613775	Piston, 0.50 Oversize
3613783	Piston, 0.75 Oversize
3 1426576	Pin, Piston
4 3214913	Rod, Assembly, Connecting
5 4428819	Crankshaft, Complete
6 1452705	Gear, Timing
7 1431055	Bolt, Connecting Rod
8 2605517	Clip, Piston Pin 13 mm
9 0442061	Bearing, Radial Ball, 62/22

CYLINDER HEAD

KEY PART NO. NO.	DESCRIPTION
1 4452470	Cylinder Head, Complete
2 1899848	Guide, Exhaust Valve, Oversize
3 2399780	Clip, Valve Guide
4 3337821	Gasket, Cylinder Head
5 4428165	Cover, Head
6 4311437	Gasket, Head Cover
7 0058206	Pin A, Dowel 10 x 16
8 2410884	Bolt, Flange 6 x 14
9 2935740	Bolt, Flange 8 x 50
10 1672443	Plug, Spark (BPR5ES NGK)

SEARS OWNER'S MANUAL

**MODEL NO.
917.376370**

IF YOU NEED REPAIR SERVICE OR PARTS:

FOR REPAIR SERVICE, CALL
THIS TOLL FREE NUMBER:

1-800-4-REPAIR
(1-800-473-7247)

FOR REPLACEMENT PARTS
INFORMATION AND
ORDERING, CALL THIS
TOLL FREE NUMBER:

1-800-FON-PART
(1-800-366-7278)

CRAFTSMAN®

5.0 HORSEPOWER 22" REAR DISCHARGE 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 your engine will be found on the blower housing of the engine.

All parts listed herein may be ordered from any Sears, Roebuck and Co. Service Center/Department and most Retail Stores.

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION:

- **PRODUCT - LAWN MOWER**
- **MODEL NUMBER - 917.376370**
- **ENGINE MODEL NO. - GXV140A1KY**
- **PART NUMBER**
- **PART DESCRIPTION**

Your Sears merchandise has added value when you consider Sears has service units nationwide staffed with Sears trained technicians... professional technicians specifically trained to insure that we meet our pledge to you, we service what we sell.

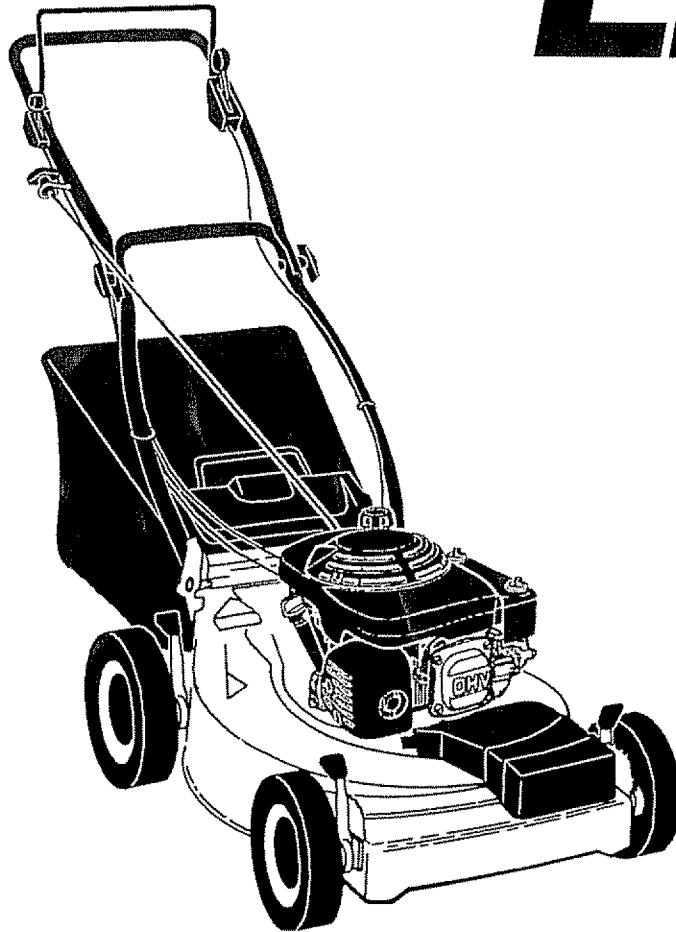
SEARS

M-58-03-430

CRAFTSMAN®

MODEL NUMBER 917.376370 OWNER'S MANUAL

EZ³



- **Assembly**
- **Operation**
- **Customer Responsibilities**
- **Service**
- **Adjustments**
- **Repair Parts**

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

153580 Rev. 1 5.6.96 TR

Printed in U.S.A.

Sears, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.



SAFETY RULES



Safe Operation Practices for Walk-Behind Mowers

IMPORTANT: THIS CUTTING MACHINE IS CAPABLE OF AMPUTATING HANDS AND FEET AND THROWING OBJECTS. FAILURE TO OBSERVE THE FOLLOWING SAFETY INSTRUCTIONS COULD RESULT IN SERIOUS INJURY OR DEATH.

SAFETY STANDARDS REQUIRE OPERATOR PRESENCE CONTROLS TO MINIMIZE THE RISK OF INJURY. YOUR UNIT IS EQUIPPED WITH SUCH CONTROLS. DO NOT ATTEMPT TO DEFEAT THE FUNCTION OF THE OPERATOR PRESENCE CONTROLS UNDER ANY CIRCUMSTANCES.

TRAINING:

- Read this operator's manual carefully. Become familiar with the controls and know how to operate your mower properly. Learn how to quickly stop mower.
- Do not allow children to use your mower. Never allow adults to use mower without proper instructions.
- Keep the area of operation clear of all persons, especially small children and pets.
- Use mower only as the manufacturer intended and as described in this manual.
- Do not operate mower if it has been dropped or damaged in any manner. Always have damage repaired before using your mower.
- Do not use accessory attachments that are not recommended by the manufacturer. Use of such attachments may be hazardous.
- The blade turns when the engine is running.
- Do not continue to run your mower if you hit a foreign object. Follow the procedure outlined above, then repair any damage before restarting and operating you mower.
- Do not change the governor settings or overspeed the engine. Engine damage or personal injury may result.
- Do not operate your mower if it vibrates abnormally. Excessive vibration is an indication of damage; stop the engine, safety check for the cause of vibration and repair as required.
- Do not run the engine indoors. Exhaust fumes are dangerous.
- Never cut grass by pulling the mower towards you. Mow across the face of slopes, never up and down or you might lose your footing. Do not mow excessively steep slopes. Use caution when operating the mower on uneven terrain or when changing directions - maintain good footing.
- Never operate your mower without proper guards, plates, grass catcher or other safety devices in place.

PREPARATION:

- Always thoroughly check the area to be mowed and clear it of all stones, sticks, wires, bones, and other foreign objects. These objects will be thrown by the blade and can cause severe injury.
- Always wear safety glasses or eye shields when starting and while using your mower.
- Dress properly. Do not operate mower when barefoot or wearing open sandals. Wear only solid shoes with good traction when mowing.
- Check fuel tank before starting engine. Do not fill gas tank indoors, when the engine is running or when the engine is hot. Allow the engine to cool for several minutes before filling the gas tank. Clean off any spilled gasoline before starting the engine.
- Always make wheel height adjustments before starting your mower. Never attempt to do this while the engine is running.
- Mow only in daylight or good artificial light.

OPERATION:

- Keep your eyes and mind on your mower and the area being cut. Do not let other interests distract you.
- Do not mow wet or slippery grass. Never run while operating your mower. Always be sure of your footing - keep a firm hold on the handles and walk.
- Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
- Always stop the engine whenever you leave or are not using your mower, or before crossing driveways, walks, roads, and any gravel-covered areas.
- Never direct discharge of material toward bystanders nor allow anyone near the mower while you are operating it.
- Before cleaning, inspecting, or repairing your mower, stop the engine and make absolutely sure the blade and all moving parts have stopped. Then disconnect the spark plug wire and keep it away from the spark plug to prevent accidental starting.

MAINTENANCE AND STORAGE:

- Check the blade and the engine mounting bolts often to be sure they are tightened properly.
- Check all bolts, nuts and screws at frequent intervals for proper tightness to be sure mower is in safe working condition.
- Keep all safety devices in place and working.
- To reduce fire hazard, keep the engine free of grass, leaves or excessive grease and oil.
- Check grass catcher often for deterioration and wear and replace worn bags. Use only replacement bags that are recommended by and comply with specifications of the manufacturer of your mower.
- Always keep a sharp blade on your mower.
- Allow engine to cool before storing in any enclosure.
- Never store mower with fuel in the tank inside a building where fumes may reach an open flame or an ignition source such as a hot water heater, space heater, clothes dryer, etc.



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



CAUTION: Always disconnect spark plug wire and place wire where it cannot contact spark plug in order to prevent accidental starting when setting up, transporting, adjusting or making repairs.



The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

CONGRATULATIONS on your purchase of a Sears 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 Authorized Service Center/Department. We have competent, well-trained technicians and the proper tools to service or repair this lawn mower.

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

HORSEPOWER:	5.0
DISPLACEMENT:	8.2 CU. IN.
GASOLINE CAPACITY AND TYPE:	1.0 QUARTS UNLEADED REGULAR
OIL TYPE (API-SF/SG):	SAE 30 (ABOVE 32°F) SAE 5W-30 (below 32°F)
OIL CAPACITY:	20 OZS.
SPARK PLUG: (GAP: .030")	NGKBPR5ES
VALVE CLEARANCE:	INTAKE: .005"-.007" EXHAUST: .007"-.009"
BLADE BOLT TORQUE:	35-40 FT. LBS.

MODEL NUMBER 917 376370

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 "Customer Responsibilities" and "Storage" sections of this owner's manual.

LIMITED TWO YEAR WARRANTY ON CRAFTSMAN POWER MOWER

For two years from date of purchase, when this Craftsman Lawn Mower is maintained, lubricated, and tuned up according to the operating and maintenance instructions in the owner's manual, Sears will repair free of charge any defect in material or 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 vary from state to state.

SEARS, ROEBUCK AND CO., D/817 WA, HOFFMAN ESTATES, ILLINOIS 60179

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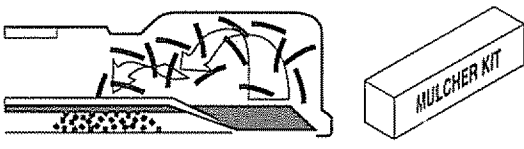
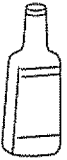
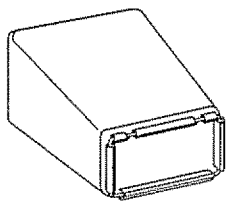
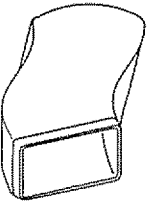
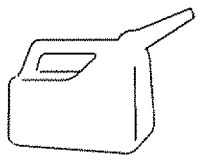
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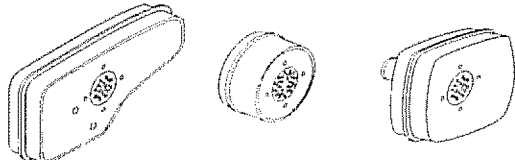
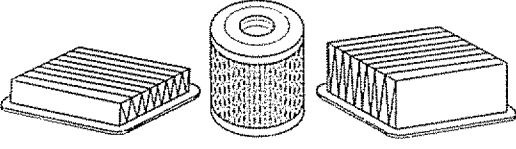

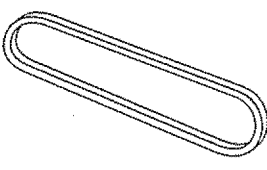
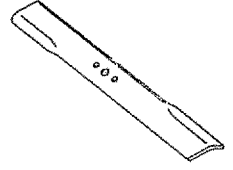
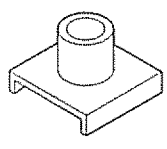
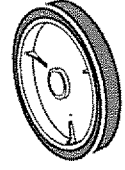
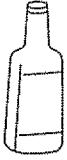
LAWN MOWER ACCESSORIES

These accessories were available when this lawn mower was produced. They are also available at most Sears retail outlets and service centers. Most Sears stores can also 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.

LAWN MOWER PERFORMANCE

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

LAWN MOWER MAINTENANCE

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

ASSEMBLY

Read these instructions and this manual in its entirety before you attempt to assemble or operate your new lawn mower. Your new lawn mower has been assembled at the factory with the exception of those parts left unassembled for shipping purposes. All parts such as nuts, washers, bolts, etc., necessary to complete the assembly have been placed in the parts bag. To ensure safe and proper operation of your lawn mower, all parts and hardware you assemble must be tightened securely. Use the correct tools as necessary to ensure proper tightness.

TO REMOVE LAWN MOWER FROM CARTON

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

HOW TO SET UP YOUR LAWN MOWER TO UNFOLD HANDLE (See Fig. 1)

IMPORTANT: UNFOLD HANDLES CAREFULLY SO AS NOT TO PINCH OR DAMAGE CONTROL CABLES.

- Raise handles until lower handle section locks into place in mowing position.
- Raise upper handle section into place on lower handle, remove protective padding and tighten both handle knobs.
- Remove handle padding holding operator presence control bar to upper handle.
- Your lawn mower handle can be adjusted for your mowing comfort. Refer to "Adjust Handle" in the Service and Adjustment section of this manual.

TO INSTALL ATTACHMENTS (See Fig. 2)

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

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

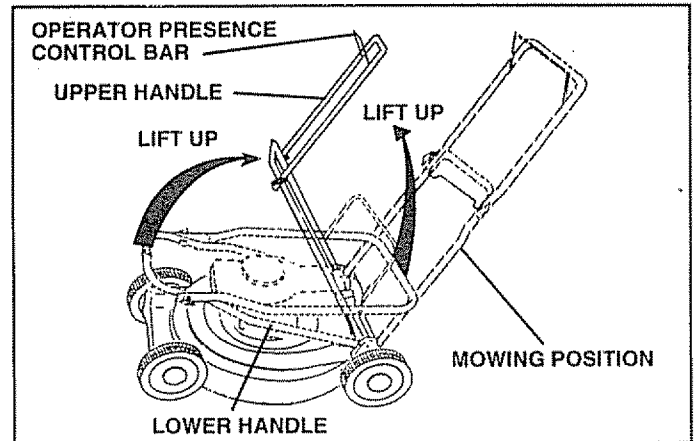


FIG. 1

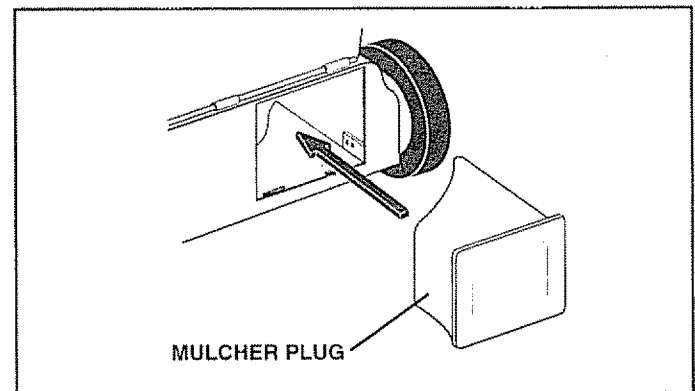


FIG. 2



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

ASSEMBLY

TO ASSEMBLE AND ATTACH GRASS CATCHER (See Figs. 3A thru 4)

- Insert leg of tubular frame through front opening of grass catcher and thread frame into sewn hem of bag.

NOTE: Keep bag hem gathered on the straight leg of the tubular frame.

- When frame comes out the other end of sewn hem, immediately work the end of frame down inside the bag as shown in inset
- Slide sewn hem evenly around the tubular frame until both ends of frame are exposed out of the front opening.
- Assemble lower frame to tubular frame as shown. Be sure handle is outside of bag and frames are fully seated as shown in inset.
- Slip vinyl bindings over frame.

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

- Close the flip lid. Flip lid must be closed while operating lawn mower.
- Lift the rear door on the mower housing and place the grass catcher frame onto the formed tabs on the rear door hinge bracket.
- The grass catcher is secured to the lawn mower housing when the rear door is lowered onto the grass catcher frame.

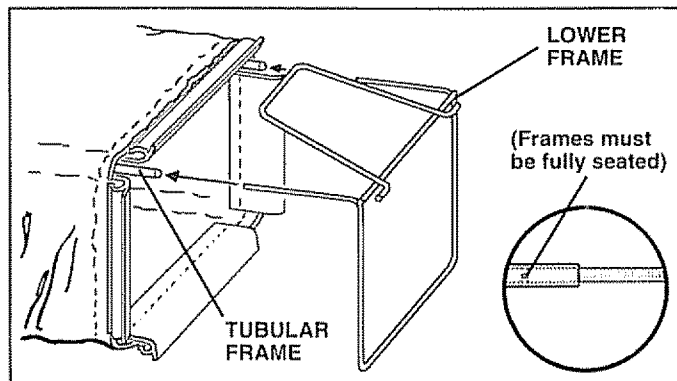


FIG. 3B

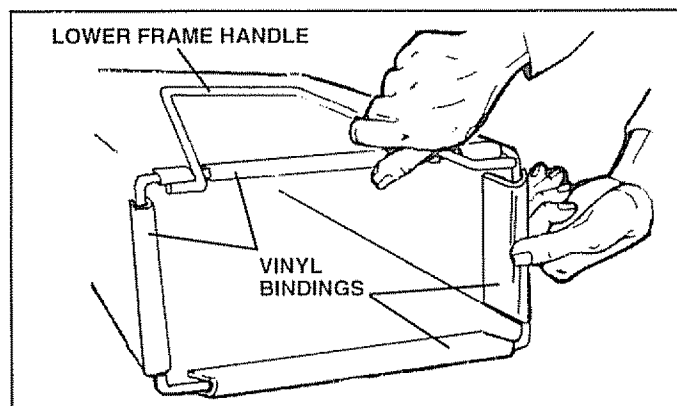


FIG. 3C

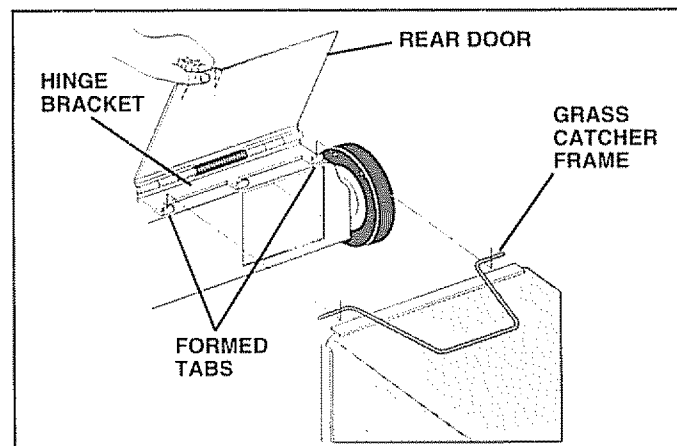


FIG. 4



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.

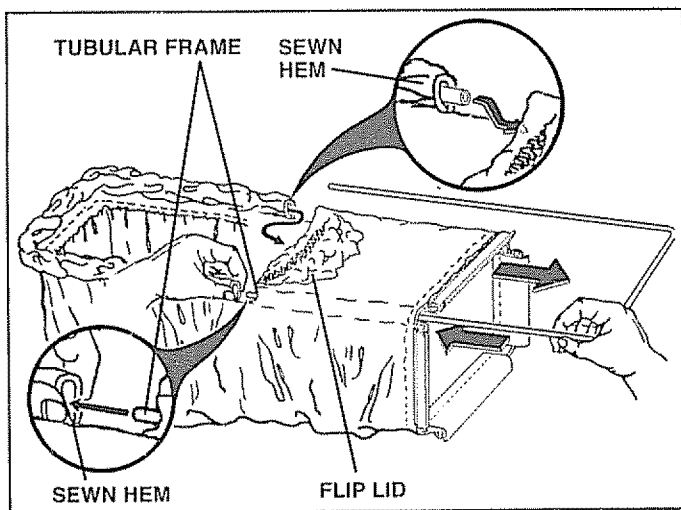


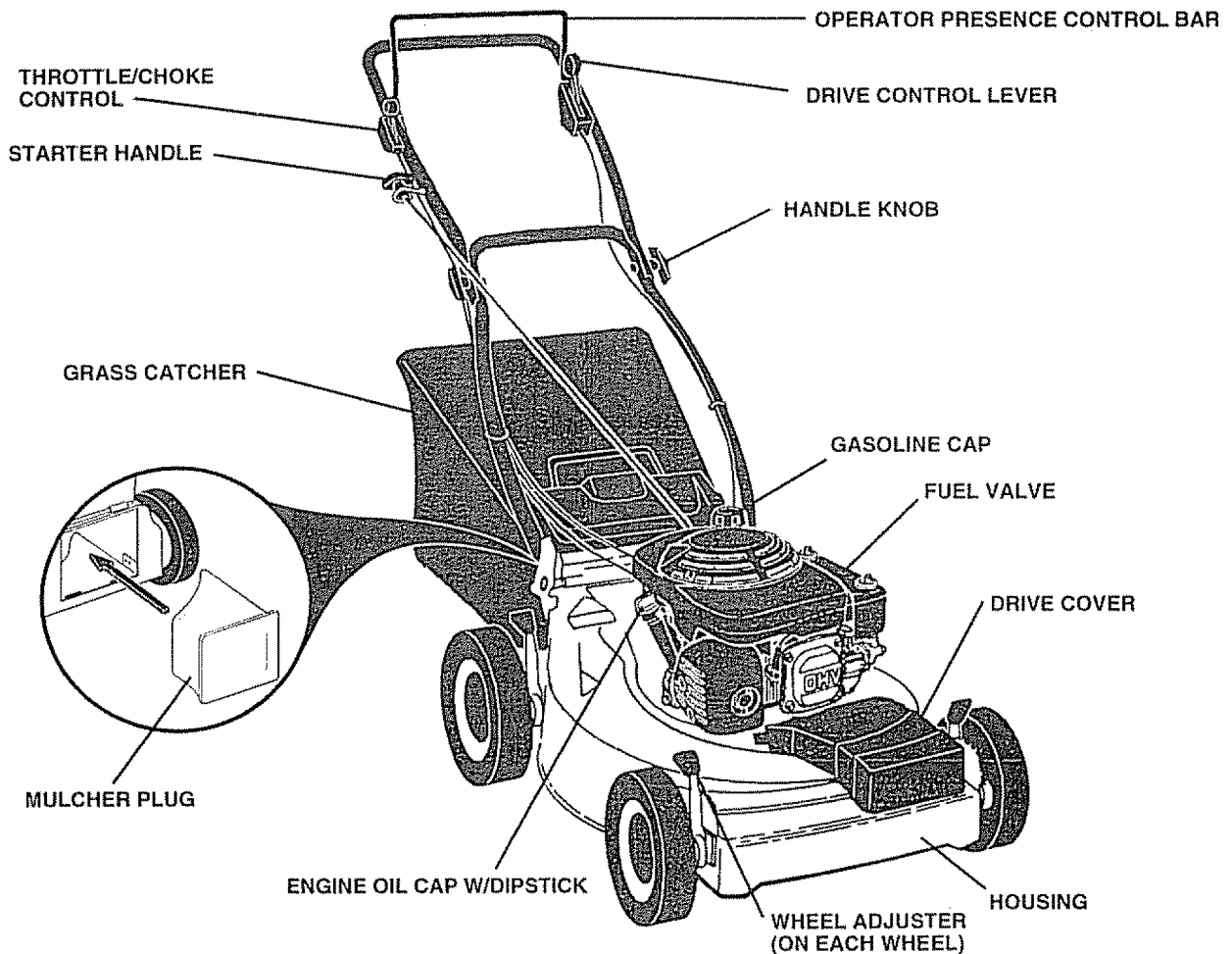
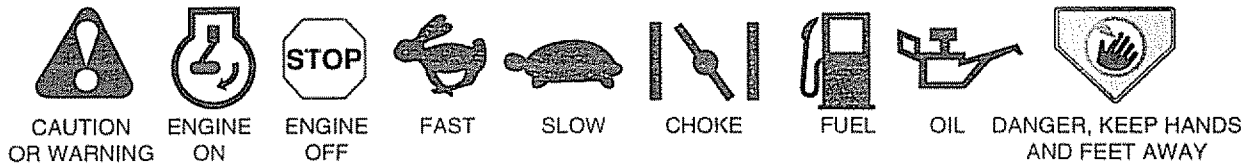
FIG. 3A

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.

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



MEETS CPSC SAFETY REQUIREMENTS

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

OPERATOR PRESENCE CONTROL - must be held down to the handle to start the engine. Release to stop the engine.

THROTTLE/CHOKE CONTROL - used for starting the engine and allows you to select either choke (N) fast (T) or slow (S) engine speed.

STARTER HANDLE - used for starting the engine.

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

FUEL VALVE - must be in the ON position for starting engine.

MULCHER PLUG - must be removed to convert to bagging or discharging operation.

OPERATION



The operation of any lawn mower can result in foreign objects thrown into the eyes, which can result in severe eye damage. Always wear safety glasses or eye shields while operating your lawn mower or performing any adjustments or repairs. We recommend a wide vision safety mask over the spectacles or standard safety glasses.

HOW TO USE YOUR LAWN MOWER



CAUTION: Do not run your lawn mower without mulcher plate in place and door closed or without an approved clipping deflector or grasscatcher in place. Never attempt to operate the lawn mower with the rear door removed or propped open.

ENGINE SPEED (See Fig. 5)

The engine speed is controlled by a throttle control located on the side of the upper handle. Choke (I) position is for starting a cold engine and fast (F) position is for normal cutting, trimming, and better grass bagging. Slow (S) position is for light cutting, trimming and fuel economy.

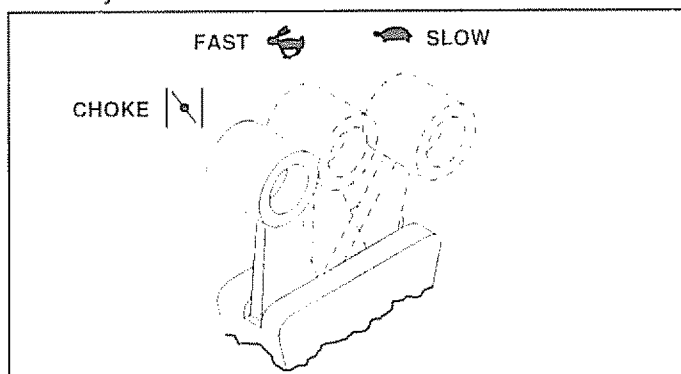


FIG. 5

ENGINE ZONE CONTROL



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

- Your lawn mower is equipped with an operator presence control bar which requires the operator to be positioned behind the lawn mower handle to start and operate the lawn mower.

TO ADJUST CUTTING HEIGHT (See Fig. 6)

- 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.

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

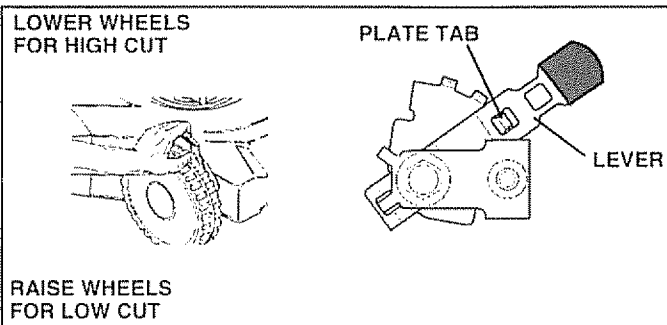


FIG. 6

TO EMPTY GRASS CATCHER (See Fig. 7)

- To remove grass catcher, release operator presence control bar to stop engine.
- Lift up rear door and remove the grass catcher by the handle.
- Do not drag the bag when emptying; it will cause unnecessary wear.

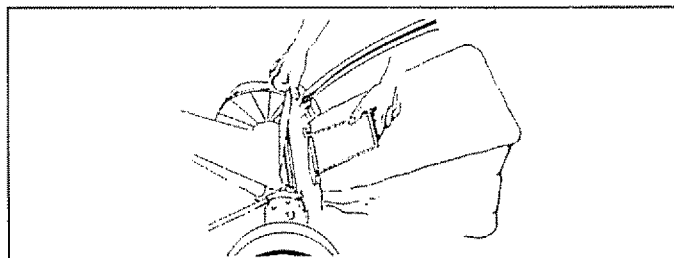


FIG. 7

DRIVE CONTROL (See Fig. 8)

- 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.
- Forward motion will stop when the operator presence control bar is released. To stop forward motion without stopping 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 lawn mower.

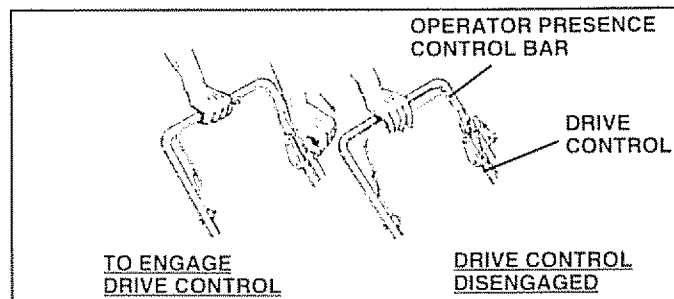


FIG. 8

OPERATION

BEFORE STARTING ENGINE OIL (See Fig. 9)

Your lawn mower is shipped without oil in the engine.

- Be sure mower is level and area around oil fill is clean.
- Remove engine oil cap w/dipstick and fill to the upper limit mark on dipstick.
- Use 20 ozs. of oil. For type and grade of oil to use, see "ENGINE" in Customer Responsibilities section of this manual.
- Pour oil slowly. Do not over fill.
- Check oil level before each use. Add oil if needed. Fill to the upper limit mark on dipstick.
- To read proper level, insert the dipstick into the tube and rest oil fill cap on the tube. Do not thread the cap onto the tube. Remove and read the oil level.
- 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.

GAS (See Fig. 9)

- Fill fuel tank. Use fresh, clean, regular unleaded gasoline with a minimum of 87 octane. (Use of leaded gasoline will increase carbon and lead oxide deposits and reduce valve life). Do not mix oil with gasoline. Purchase fuel in quantities that can be used within 30 days to assure fuel freshness.

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 of 30 days or longer. Drain the fuel tank, start the engine and let it run until 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 fuel tank or permanent damage may occur.

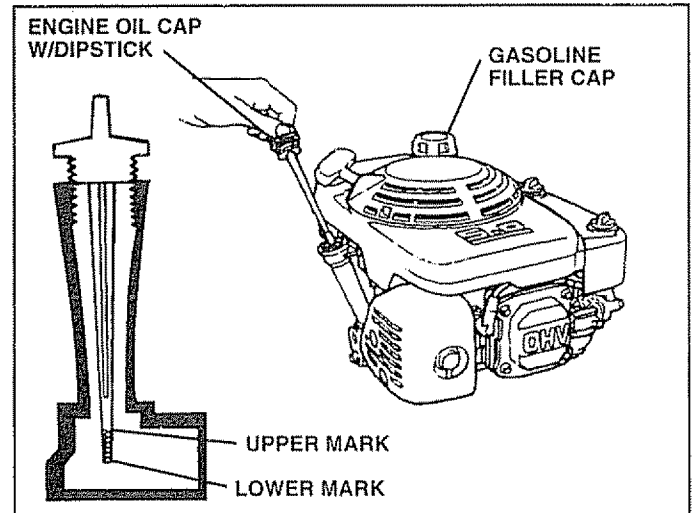


FIG. 9

TO START ENGINE (See Fig. 10)

- Turn fuel valve to ON position.
- To start a cold engine, move handle mounted throttle/choke control lever to choke (N) position.
- Hold operator presence control bar down to the handle and pull starter handle quickly. Do not allow starter rope to snap back.
- Slowly move throttle control lever to fast (F) position after engine starts.
- To start a warm engine, move throttle control lever to fast (F) or slow (S) position then follow steps above.
- To stop engine, release operator presence control bar. Wait until blade and all moving parts have stopped and turn fuel valve to OFF position if you do not intend to restart the engine soon.

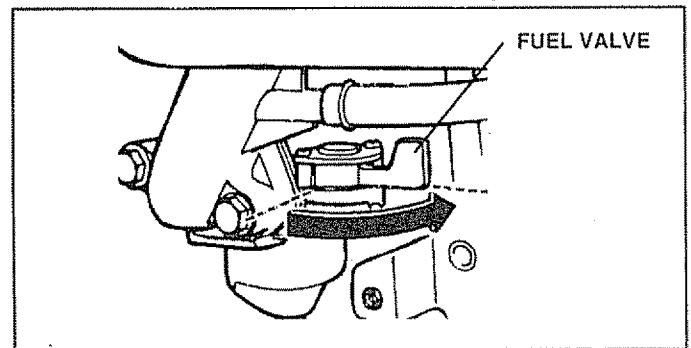


FIG. 10

OPERATION

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.
- 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 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.
- Keep top of engine around starter clear and clean of grass clippings and chaff. This will help engine air flow and extend engine life.
- 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 catchers off with water and let dry before using.

MULCHING MOWING TIPS

IMPORTANT: FOR BEST PERFORMANCE, KEEP MOWER HOUSING FREE OF BUILT-UP GRASS AND TRASH. SEE "CLEANING" IN CUSTOMER RESPONSIBILITIES SECTION OF THIS MANUAL

- The special mulching blade will recut the grass clippings many times and reduce them in size so that as they fall onto the lawn they will disperse into the grass and not be noticed. Also, the mulched grass will biodegrade quickly to provide nutrients for the lawn. Always mulch with your highest engine (blade) speed as this will provide the best recutting action of the blades.
- Avoid cutting your lawn when it is wet. Wet grass tends to form clumps and interferes with the mulching action. The best time to mow your lawn is the early afternoon. At this time the grass has dried and the newly cut area will not be exposed to the direct sun.

- For best results, adjust the lawn mower cutting height so the blades (See Fig. 11). If the lawn is overgrown it will be necessary to keep from overloading the engine and leaving clumps of grass by overlapping previously cut path and mow side by side.
- Certain types of grass and grass conditions may require the second cut. When doing a second cut, mow across or perpendicular to the first cut.
- Change your cutting pattern from week to week. Mow north to south one week and south to north the next. This will help prevent matting and graining of the lawn.

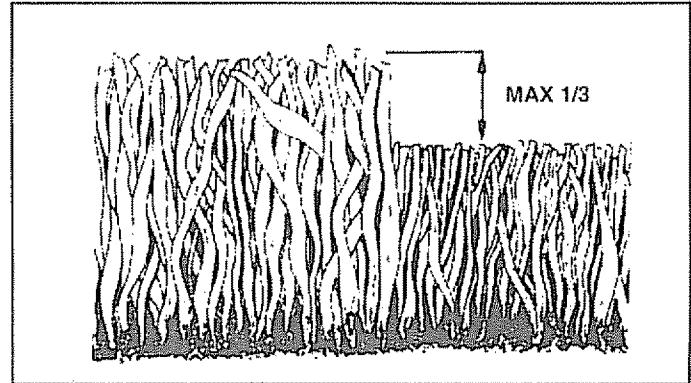


FIG. 11

CUSTOMER RESPONSIBILITIES

MAINTENANCE SCHEDULE							SERVICE DATES						
FILL IN DATES AS YOU COMPLETE REGULAR SERVICE		BEFORE EACH USE	AFTER EACH USE	FIRST 2 HOURS	EVERY 10 HOURS	EVERY 25 HOURS OR EVERY SEASON	BEFORE STORAGE						
M O W E R	Check for Loose Fasteners	✓					✓						
	Clean/Inspect Grass Catcher (If Equipped)	✓	✓				✓						
	Clean Lawn Mower		✓				✓						
	Clean Under Drive Cover (Power-Propelled Mowers)				✓								
	Check drive belt/pulleys (Power-Propelled Mowers)					✓							
	Check/Sharpen/Replace Blade					✓ ₃							
	Lubrication Chart					✓	✓						
	Clean Battery/Recharge (Electric Start Mowers)					✓	✓ ₄						
E N G I N E	Check Engine Oil Level	✓											
	Change Engine Oil			✓		✓ _{1,2}							
	Clean Air Filter					✓							
	Inspect Muffler					✓							
	Clean or Replace Spark Plug					✓							
	Replace Air Filter Paper Cartridge					✓ ₂							

- 1 - Change more often when operating under a heavy load or in high ambient temperatures
- 2 - Service more often when operating in dirty or dusty conditions
- 3 - Replace blades more often when mowing in sandy soil
- 4 - Charge 48 hours at end of season

GENERAL RECOMMENDATIONS

The warranty on this lawn mower does not cover items that have been subjected to operator abuse or negligence. To receive full value from the warranty, operator must maintain mower as instructed in this manual.

Some adjustments will need to be made periodically to properly maintain your unit.

All adjustments in the Service and Adjustments section of this manual should be checked at least once each season.

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

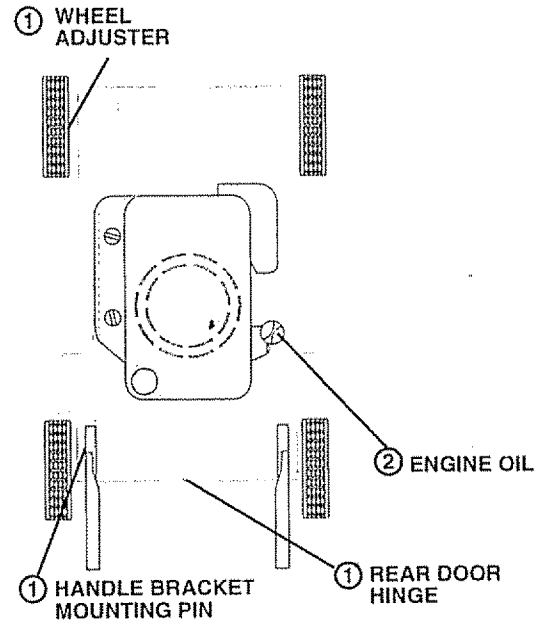
BEFORE EACH USE

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

LUBRICATION

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

LUBRICATION CHART



- ① SPRAY LUBRICANT
- ② REFER TO CUSTOMER RESPONSIBILITIES "ENGINE" SECTION.

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

CUSTOMER RESPONSIBILITIES

LAWN MOWER

Always observe safety rules when performing any maintenance.

TIRES

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

LAWN MOWER

Always observe safety rules when performing any maintenance.

TIRES

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

BLADE CARE

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

TO REMOVE BLADE (See Fig. 12)

- 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. Make sure air filter and carburetor are up.
- Use a wood block between blade and mower housing to prevent blade from turning when removing 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.

TO REPLACE BLADE (See Fig. 12)

- Position the blade adapter on the engine crankshaft. Be sure the spacer is in the adaptor and key in shaft and adaptor keyway are aligned.
- Position blade on the blade adapter. Be sure the trailing edge of blade (opposite sharp edge) is up toward the engine.
- Install the blade bolt with washers into blade adapter and crankshaft.
- Use block of wood between blade and lawn mower housing and tighten the blade bolt, turning clockwise.
- The recommended tightening torque is 35-40 ft. lbs.

IMPORTANT: BLADE BOLT IS GRADE 8 HEAT TREATED.

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

TO SHARPEN BLADE

Care should be taken to keep the blade balanced. An unbalanced blade will cause eventual damage to lawn mower or engine.

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

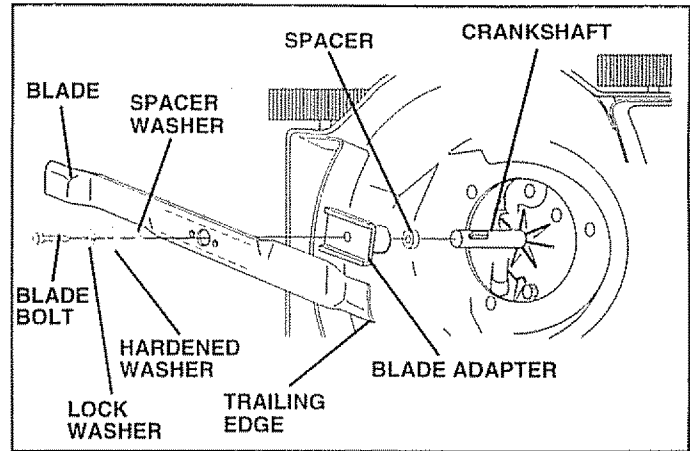


FIG. 12

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. Give the lawn mower model number when ordering.

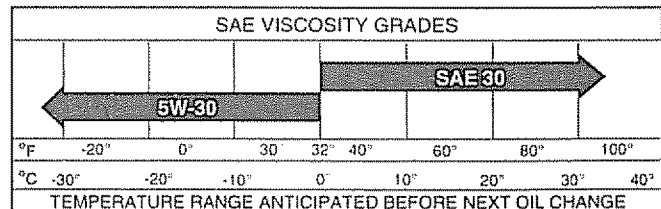
GEAR CASE

- To keep your drive system working properly, the gear case and area around the drive should be kept clean and free of trash build-up. Clean under the drive cover twice a season.
- The gear case is filled with lubricant to the proper level at the factory. The only time the lubricant needs attention is if service has been performed on the gear case.
- If lubricant is required, use only Texaco Starplex Premium 1 Grease, Part No. 750355. Do not substitute.

ENGINE

LUBRICATION

Use only high quality detergent oil rated with API service classification SF or SG. Select the oil's SAE viscosity grade according to your expected operating temperature.



NOTE: Although multi-viscosity oils (5W30, 10W30 etc.) improve starting in cold weather, these multi-viscosity oils will result in increased oil consumption when used above 32°F. Check your engine oil level more frequently to avoid possible engine damage from running low on oil.

Change the oil after the first two hours of operation and every 25 hours thereafter or at least once a year if the lawn mower is not used for 25 hours in one year.

Check the crankcase oil level before starting the engine and after each five (5) hours of continuous use. Tighten oil plug securely each time you check the oil level.

CUSTOMER RESPONSIBILITIES

TO CHANGE ENGINE OIL (See Fig. 13)

NOTE: Before tipping lawn mower to drain oil, drain fuel tank by running engine until fuel tank is empty.

- Disconnect spark plug wire from spark plug and place wire where it cannot come in contact with spark plug.
- Remove engine oil cap; lay aside on a clean surface.
- Tip lawn mower on its side and drain oil into a suitable container. Rock lawn mower back and forth to remove any oil trapped inside of engine.
- Wipe off any spilled oil on lawn mower and on side of engine.
- Fill engine with oil. Fill to the upper limit mark on the dipstick. **DO NOT OVER FILL.**
- To read proper level, insert the dipstick into the tube and rest oil fill cap on the tube. Do not thread the cap onto the tube. Remove and read the oil level.
- Replace engine oil cap.
- Reconnect spark plug wire to spark plug.

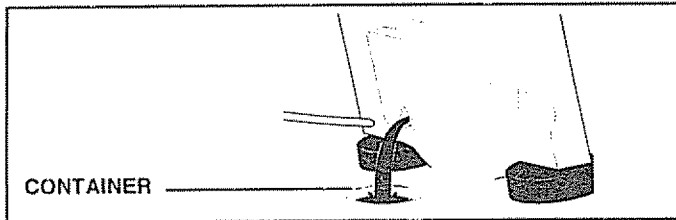


FIG. 13

AIR FILTER (See Fig. 14)

Your engine will not run properly using a dirty air filter. Clean the foam pre-cleaner after every 25 hours of operation or every season. Service paper cartridge every 100 hours of operation or every season, whichever occurs first. Service air cleaner more often under dusty conditions.

- Remove wing bolts and cover.

TO SERVICE PRE-CLEANER

- Remove foam pre-cleaner from air cleaner cover.
- Wash it in liquid detergent and water.
- Squeeze it dry in a clean cloth.
- Saturate it in engine oil. Wrap it in clean, absorbent cloth and squeeze to remove excess oil.
- If very dirty or damaged, replace pre-cleaner.
- Reinstall pre-cleaner into air cleaner cover.
- Reinstall cover and secure with wing bolts.

TO SERVICE CARTRIDGE

- Carefully remove cartridge to prevent debris from entering carburetor. Clean base carefully to prevent debris from entering carburetor.
- Clean cartridge by tapping gently on flat surface. If very dirty or damaged, replace cartridge.
- Reinstall cartridge, cover with pre-cleaner and secure with wing bolts.

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

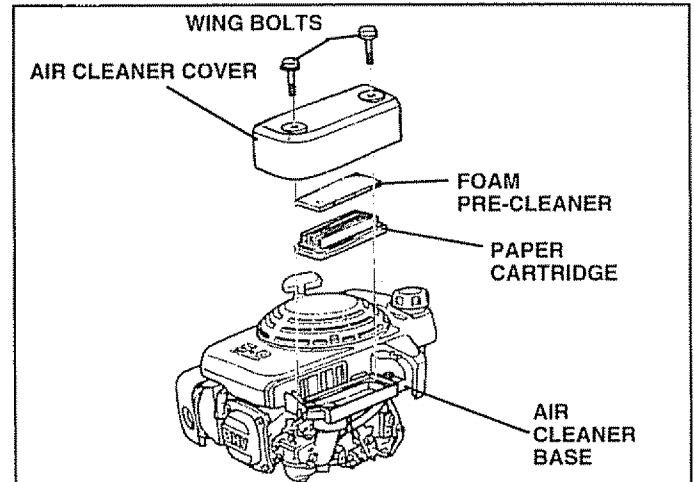


FIG. 14

MUFFLER

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

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

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



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

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

CLEAN UNDER DRIVE COVER

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

SERVICE AND ADJUSTMENTS



CAUTION: BEFORE PERFORMING ANY SERVICE OR ADJUSTMENTS:

- Release control bar.
- Make sure the blade and all moving parts have completely stopped.
- Disconnect spark plug wire from spark plug and place where it cannot come in contact with plug.

LAWN MOWER

TO ADJUST CUTTING HEIGHT

See "TO ADJUST CUTTING HEIGHT" in the Operation section of this manual.

REAR DEFLECTOR

The rear deflector, attached between the rear wheels of your 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 REMOVE/REPLACE DRIVE BELT

(See Fig. 16)

- Remove drive cover. Remove belt by pushing down on gear case pulley.
- Turn lawn mower on its side with carburetor and fuel cap up.
- Remove blade.
- Remove debris shield.
- Remove belt from engine pulley on crankshaft.
- Install new belt by reversing above steps.
- Always use factory approved belt to assure fit and long life.

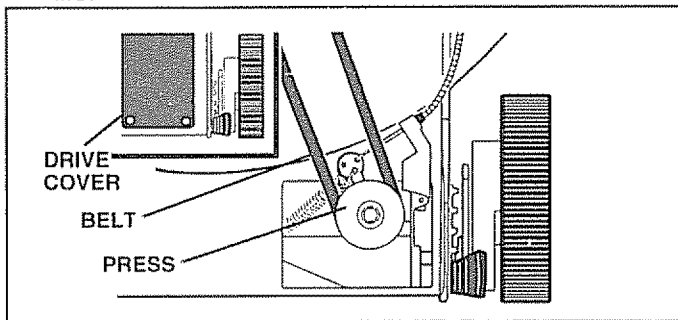


FIG. 16

TO ADJUST HANDLE (See Figs. 17 Thru 18)

Your lawn mower handle can be raised or lowered for your mowing comfort. Four (4) positions are available: high, medium high, medium low and low. Handles are shipped mounted in the medium low position.

- To change from medium low to medium high position, the upper and lower handle sections will have to be turned over (See Fig. 15B).
- Remove the controls and operator presence control bar from the upper handle.
- Remove the starter rope guide from the lower handle.
- Remove hairpin cotters.
- Disconnect the lower handle from the handle brackets (See Fig. 17)
- Turn the handle over and reassemble the hairpin cotters that have been removed.
- Reassemble the starter rope guide.
- Reassemble the controls and the operator presence control bar to the upper handle.



CAUTION: The operator presence control bar must pivot freely to permit blade brake engagement when control bar is released. Do not over tighten 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. 16A).
- To change from medium low to low position, only the lower handle section will have to be turned over (See Fig. 16B).

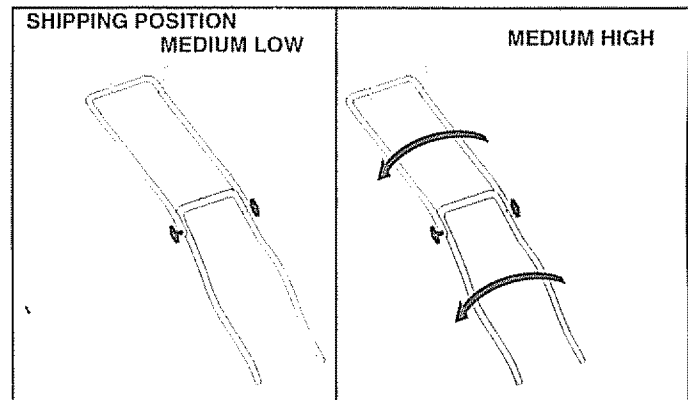


FIG. 16A

FIG. 16B

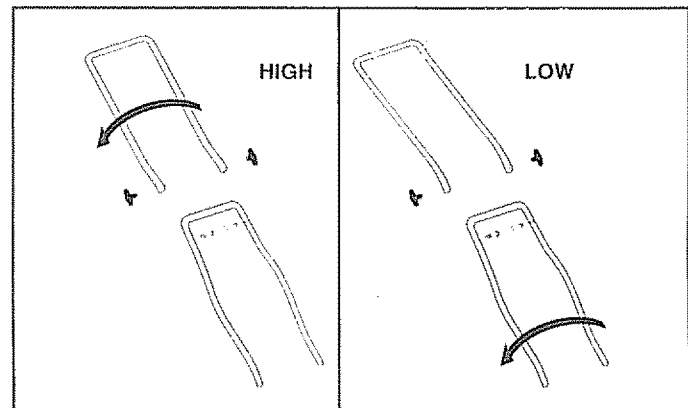


FIG. 17A

FIG. 17B

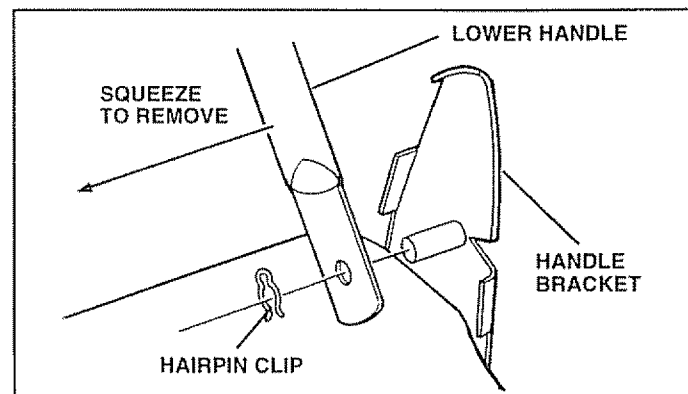


FIG. 18

SERVICE AND ADJUSTMENTS

ENGINE

ENGINE SPEED

Your engine speed has been factory set. Do not attempt to increase engine speed or it may result in personal injury. If you believe that the engine is running too fast or too slow, take your lawn mower to an authorized service center for repair and adjustment.

TO ADJUST THROTTLE CONTROL

(See Fig. 19)

A misadjusted throttle control will keep your engine from operating efficiently. If you have to replace or adjust the throttle control, follow these procedures:

- Loosen the cable clamp screw holding the throttle control cable to the engine speed control bracket.
- Put the throttle control lever (located on the handle) in fast (↗) position.
- Pull throttle cable until throttle lever just contacts the choke arm.
- Retighten the cable clamp screw.

CHECK CHOKE OPERATION -

- Put the throttle control lever (located on the handle) in choke (↘) position.
- Check that the choke arm is fully raised (choke fully closed). If necessary, adjust screw "B" so it just contacts the choke arm when the lever is fully raised.

NOTE: Do not adjust top no load adjusting screw "A". It was pre-set at the factory.

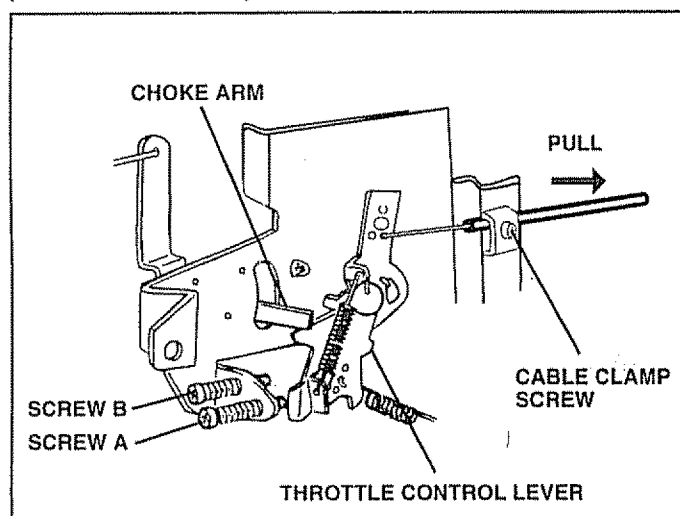


FIG. 19

CARBURETOR ADJUSTMENTS

(See Fig. 20)

The carburetor on your engine is low emission. The idle mixture screw is fitted with a limiter cap that prevents excessive enrichment of the air-fuel mixture in order to comply with emissions regulations and is not adjustable.

Do not attempt to remove the limiter cap to make adjustments. The limiter cap cannot be removed without breaking the idle mixture screw.

IDLE SPEED SETTING -

Adjustment will require the assistance of an additional person to hold down the operator presence control bar.

- Start engine and allow to warm for five minutes.
- With throttle control lever in slow (↖) position, engine should idle at 2100 RPM. If engine idles too slow or fast, turn throttle stop screw in or out until correct idle is attained.

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

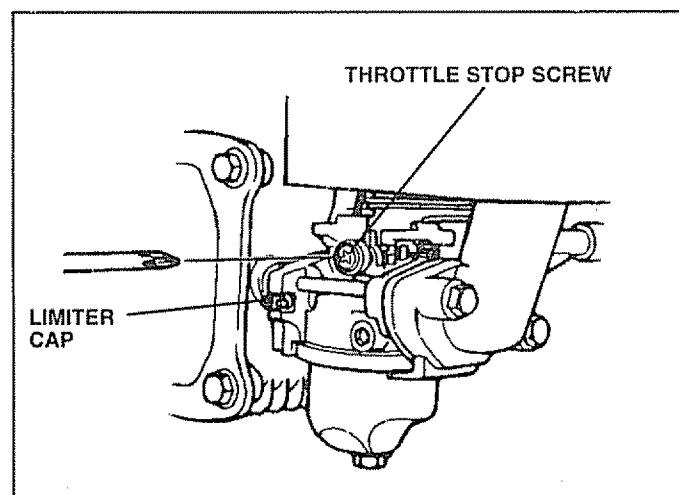


FIG. 20

STORAGE

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

LAWN MOWER

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

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

HANDLE (See Fig. 21)

You can fold your lawn mower handle for storage.

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

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

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

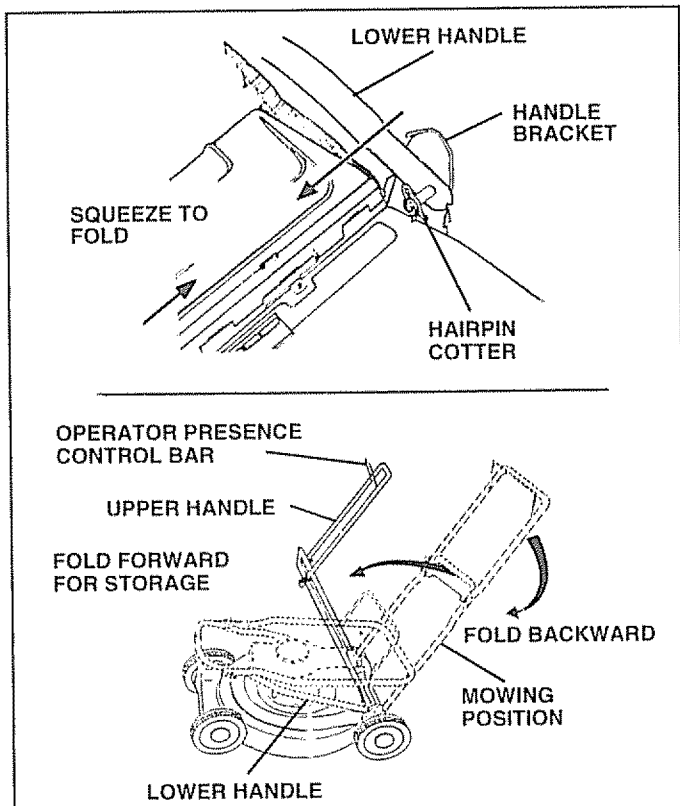


FIG. 21

ENGINE FUEL SYSTEM

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

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

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

ENGINE OIL

Drain oil (with engine warm) and replace with clean engine oil. (See "ENGINE" in the Customer Responsibilities section of this manual).

CYLINDER

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

OTHER

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

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



CAUTION: Never store the lawn mower with gasoline in the tank inside a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure.

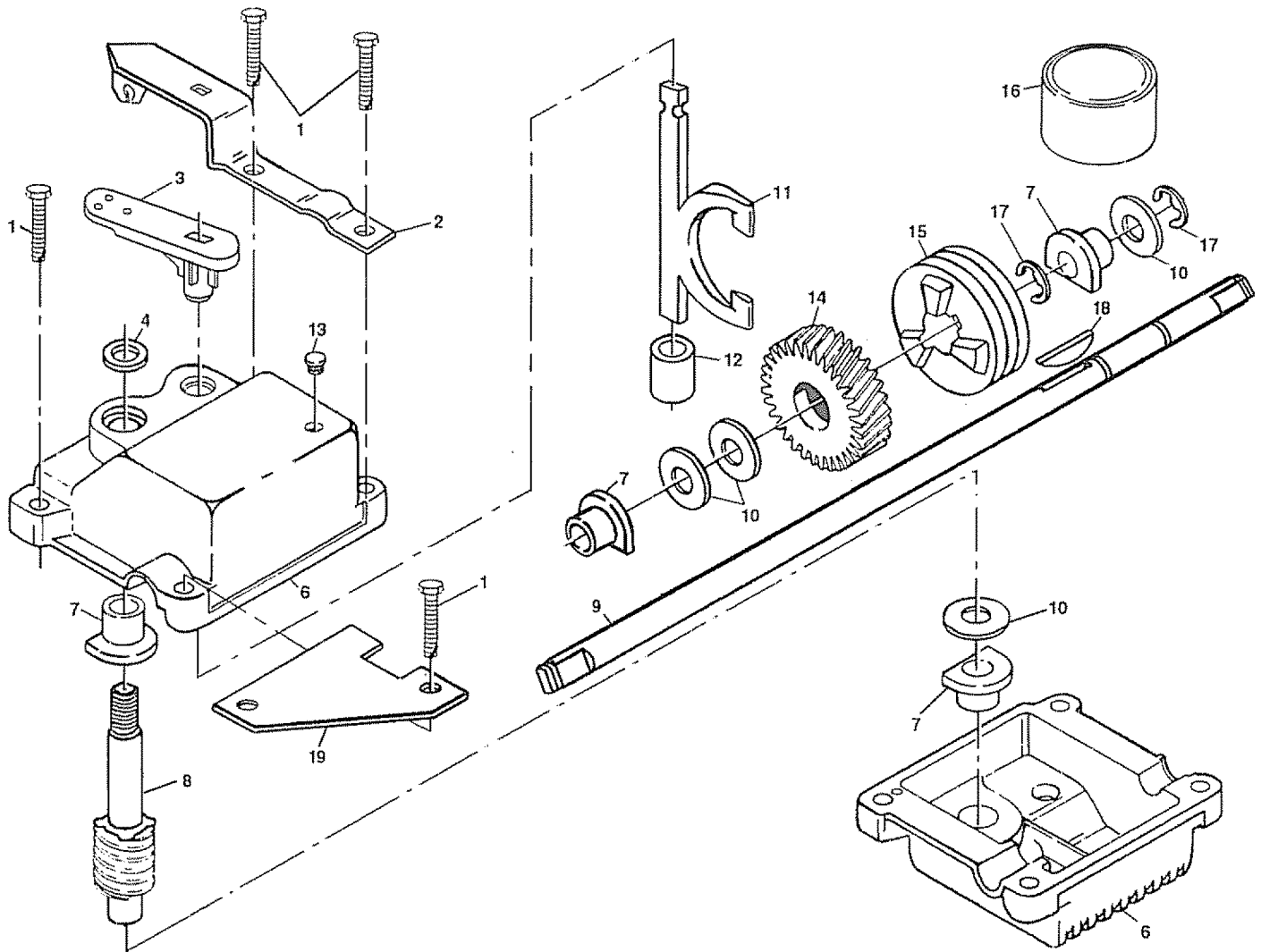
TROUBLESHOOTING POINTS

PROBLEM	CAUSE	CORRECTION
Does not start	<ol style="list-style-type: none"> 1 Dirty air filter 2 Out of fuel 3 Stale fuel 4 Water in fuel 5 Spark plug wire is disconnected 6 Bad spark plug 7 Loose blade or broken blade adapter 8 Control bar in released position 9 Control bar defective 	<ol style="list-style-type: none"> 1 Clean/replace air filter 2 Fill fuel tank. 3 Drain tank and refill with fresh clean fuel 4 Drain fuel tank and carburetor and refill tank with fresh gasoline 5 Connect wire to plug 6 Replace spark plug. 7 Tighten blade bolt or replace blade adapter 8 Depress control bar to handle 9 Replace 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 Buildup of grass, leaves and trash under mower 5 Too much oil in engine 6 Walking speed too fast. 	<ol style="list-style-type: none"> 1 Set in "Higher Cut" position. 2 Set in "Higher Cut" position. 3 Clean/replace air filter. 4 Clean underside of mower housing 5 Check oil level. 6 Cut at slower walking speed.
Poor cut - uneven	<ol style="list-style-type: none"> 1 Worn, bent or loose blade. 2 Wheel heights uneven 3 Low engine speed. 4 Buildup of grass, leaves, and trash under mower 	<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 position 4 Clean underside of mower housing.
Excessive vibration	<ol style="list-style-type: none"> 1 Worn, bent or loose blade 2 Bent engine crankshaft. 	<ol style="list-style-type: none"> 1 Replace blade Tighten blade bolt 2 Contact authorized service center/department
Starter rope hard to pull	<ol style="list-style-type: none"> 1 Engine flywheel brake is on when control bar is released 2 Bent engine crankshaft 3 Blade adapter broken 4 Blade dragging in grass 	<ol style="list-style-type: none"> 1 Depress control bar to upper handle before pulling starter rope 2 Contact authorized service center/department 3 Replace blade adapter 4 Move lawn mower to cut grass or to hard surface to start engine
Loss of drive	<ol style="list-style-type: none"> 1 Drive wheels not turning with drive control engaged. 2 Belt not driving. 	<ol style="list-style-type: none"> 1 Adjust or replace drive control cable, if broken. 2 Put belt on pulleys or replace belts if broken.
Grass catcher not filling (If so equipped)	<ol style="list-style-type: none"> 1 Cutting height too low. 2 Lift on blade worn off. 3 Catcher not venting air. 4 Low engine speed. 	<ol style="list-style-type: none"> 1 Raise cutting height. 2 Replace blade 3 Clean grass catcher 4 Set engine speed control in fast position.
Hard to push	<ol style="list-style-type: none"> 1 Grass is too high or wheel height is too low 2 Rear of lawn mower housing/blade dragging in 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 lawn mower housing one (1) setting higher 3 Empty grass catcher 4 Adjust handle height to suit.

REPAIR PARTS

ROTARY LAWN MOWER - - MODEL NO. 917.376370

GEAR CASE ASSEMBLY PART NUMBER 702511



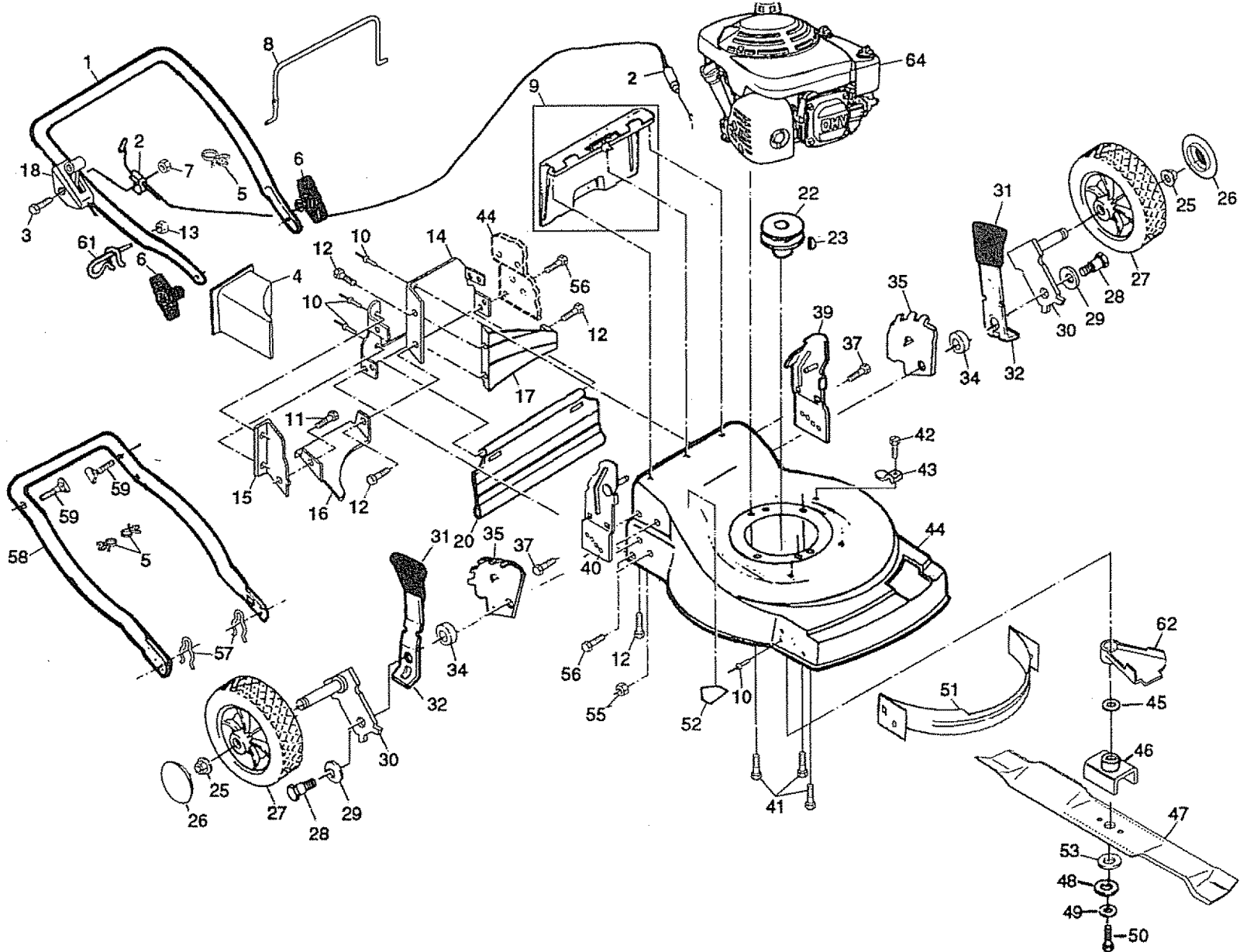
KEY NO.	PART NO.	DESCRIPTION
1	17490416	Tapping Screw 1/4-20 x 1-1/4
2	137055X004	Engagement Bracket
3	137053	Shifter
4	57072	Seal
6	48373	Gear Case Halves Kit (Includes Key Nos. 4, 5, and 7)
7	77881	Bearing
8	137051	Worm Shaft
9	137074	Drive Shaft
10	57079	Hardened Washer
11	131484	Clutch Yoke

KEY NO.	PART NO.	DESCRIPTION
12	700343	Bushing
13	86447	Plug
14	137050	Helical Gear
15	750436X	Clutch Jaw
16	750369	Grease
17	12000003	E-Ring
18	850848	Hi-Pro Key
19	81585X004	Spring Bracket

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

REPAIR PARTS

ROTARY LAWN MOWER MODEL NUMBER 917.376370



REPAIR PARTS

ROTARY LAWN MOWER MODEL NUMBER 917.376370

21

KEY NO.	PART NO	DESCRIPTION
1	145646X479	Upper Handle
2	130861	Engine Zone Control Cable
3	144929	Hex Head Screw 1/4-20 x 1-1/2
4	150425	Mulcher Plug
5	151517	Cable Clip
6	136376	Handle Knob
7	STD541425	Locknut 1/4-20
8	145793	Control Bar
9	151023	Rear Door Kit
10	128415	Pop Rivet
11	150050	Self Tapping Screw #10-24 x 5/8
12	STD512505	Hex Tapping Screw w/Sems 1/4-20 x 1/2
13	73510400	Keps Locknut
14	700483X479	Back Plate
15	700365X479	Side Baffle
16	133190X479	Discharge Baffle
17	140661X479	Rear Baffle
18	147758	Control Throttle
20	140540	Rear Skirt
22	84596	Engine Pulley
23	87677	Hi-Pro Key #505
25	83923	Hex Flange Nut
26	150182	Hubcap
27	150339	Wheel
28	142748	Shoulder Bolt 3/8-16 x 1
29	62335	Spring Washer
30	145935X004	Axle Arm Assembly
31	701037	Selector Knob
32	700331X004	Selector Spring
34	146630	Spacer
35	700325X007	Wheel Adjusting Bracket
37	150078	Thread Cutting Screw w/Sems 5/16-18 x 3/4

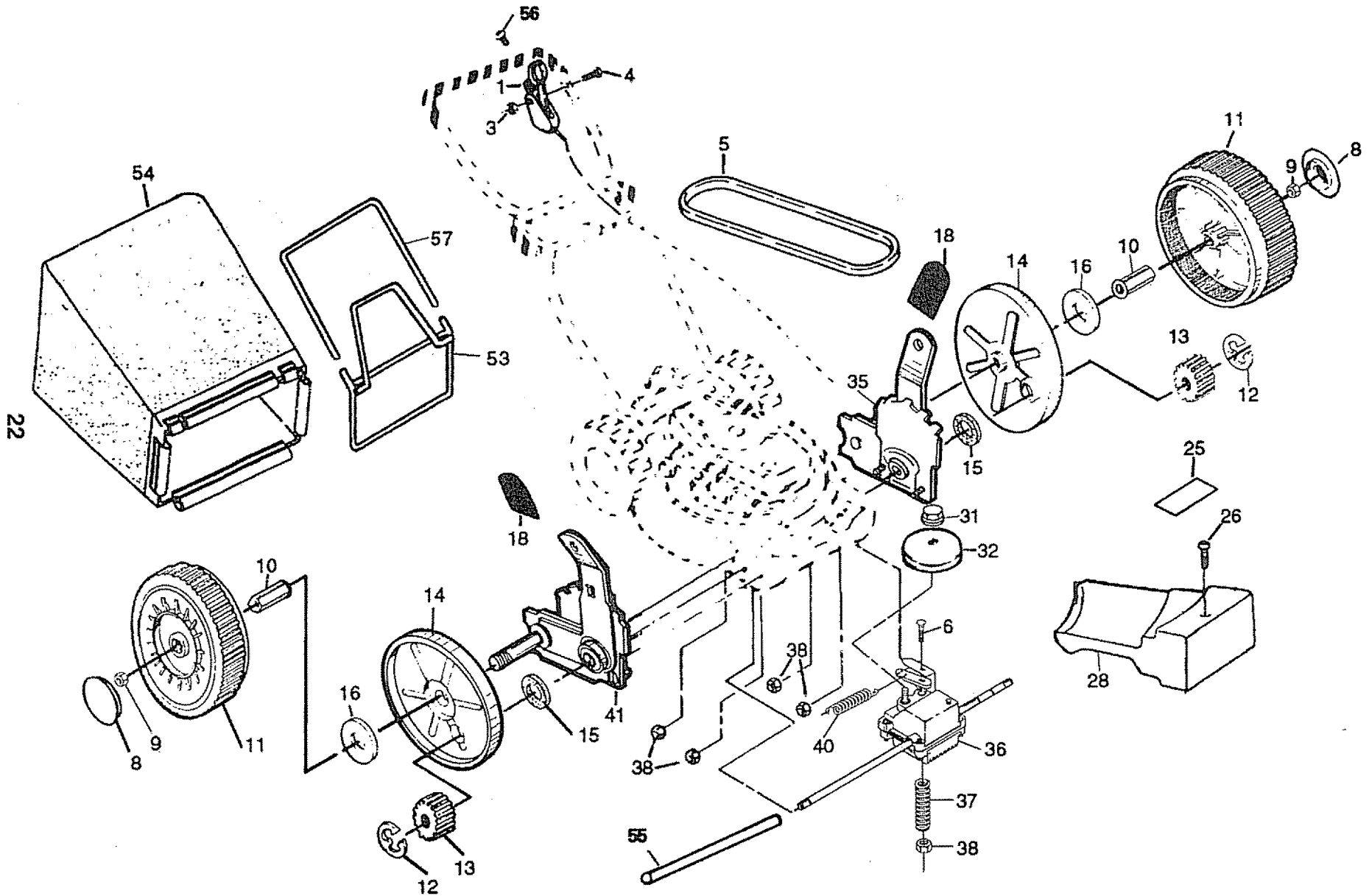
KEY NO.	PART NO	DESCRIPTION
39	151512X479	Handle Bracket Assembly (Left)
40	151511X479	Handle Bracket Assembly (Right)
41	850998	Hex Head Thread Rolling Screw 3/8-16 x 1-1/8
42	750097	Hex Washer Head Screw #10-24 x 1/2
43	87930	Guide Clip
44	48413	Lawn Mower Housing (Incl. Key #14, 15, 51 & 52)
45	67510	Washer
46	144229X004	Blade Adapter
47	141114	Blade 22"
48	851074	Hardened Washer
49	850263	Helical Washer 3/8-24 x 1-3/8 Gr. 8
50	851084	Hex Head Machine Screw 3/8-24 x 1-3/8 Gr. 8
51	700869X479	Front Baffle
52	85463	Danger Decal
53	148353	Washer
55	751592	Locknut 3/8-16
56	88652	Hinge Screw 1/4-20 x 1-1/4
57	51793	Hairpin Cotter
58	151516X479	Lower Handle
59	131959	Handle Bolt
61	132001	Rope Guide
62	134612	Debris Shield
64	146493	Engine-Craftsman - Model No. GXV140A1KY
--	153580	Owner's Manual (English/Spanish)

Available accessories not included with lawn mower:

--	<u>71</u> 33303	Clipping Deflector
--	<u>71</u> 33623	Gas Can (2.5 gal.)
--	<u>71</u> 33500	Fuel Stabilizer
--	<u>71</u> 33027	SAE 30W Oil (27 oz.)
--	<u>71</u> 33417	Dust Shield
--	<u>71</u> 33316	Mower Cover

REPAIR PARTS

ROTARY LAWN MOWER MODEL NUMBER 917.376370

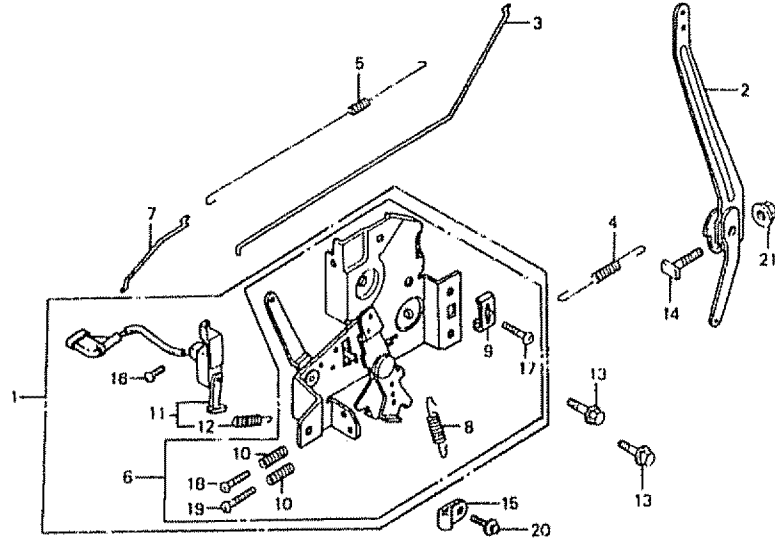


REPAIR PARTS

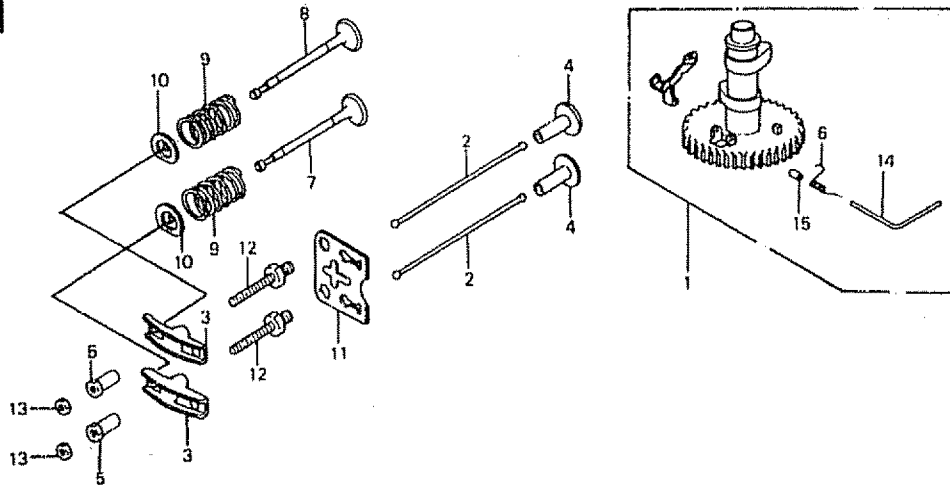
ROTARY LAWN MOWER MODEL NUMBER 917.376370

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	146323	Control Cable Assembly	26	143603	Pan Head Tapping Screw #10-24 x 2-3/4
3	63601	Locknut #10-24	28	702806	Drive Cover
4	144929	Pan Head Machine Screw 1/4 x 2.12	31	132010	Hex Flange Nut
5	146527	V-Belt	32	137052	Drive Pulley
6	700875	Carrage Bolt 1/4-20 x 2	35	151520	Wheel Adjuster Assembly (Left)
8	150182	Hubcap	36	702511	Gear Case Assembly
9	145212	Flanged Nut	37	146467	Spring
10	86960	Nylon Bushing	38	STD541425	Locknut 1/4-20
11	150340	Wheel & Tire Assembly	40	75192	Spring
12	12000058	E-Ring	41	151521	Wheel Adjuster Assembly (Right)
13	137054	Pinion	53	144747	Frame Throat
14	88080	Dust Cover	54	149844	Grassbag Assembly
15	88118	Felt Washer	55	86012	Driveshaft Cover
16	67725	Washer 1/2 x 1-1/2 x .134	57	144748	Frame Tube
18	701037	Selector Knob			
25	152903	Drive Cover Decal			

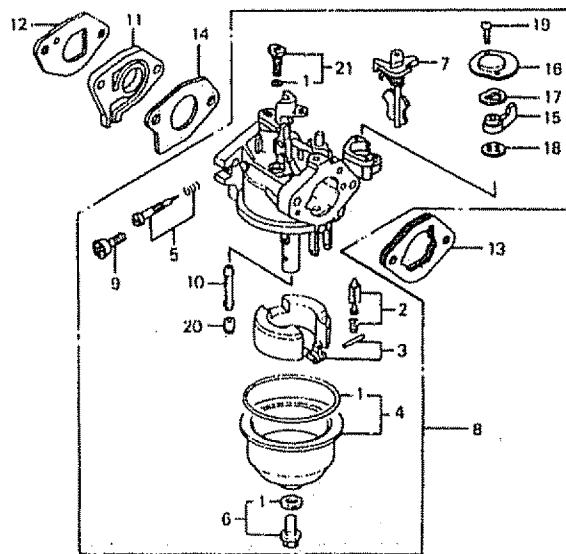
CONTROL



CAMSHAFT



CARBURETOR



CONTROL

KEY PART NO. NO.	DESCRIPTION
1 4428868	Control Assembly
2 1452887	Governor Arm, Complete
3 1452895	Rod, Governor
4 1509280	Spring, Governor
5 1452911	Spring, Throttle Return
6 4084075	Control Complete
7 1672237	Rod, Choke
8 4034682	Spring, Lever
9 0800466	Holder, Cable
10 0636431	Spring, Control Adjusting
11 4428918	Switch Assembly, Engine Stop
12 1830207	Spring, Switch Control
13 0803619	Bolt, Flange 6 x 14
14 2418671	Bolt, Governor Arm
15 4540662	Clip 2.9 mm
16 0156463	Screw, Pan Head 4 x 8
17 0145557	Screw, Pan Head 5 x 16
18 0197731	Screw, Pan Head 5 x 20
19 0145565	Screw, Pan Head 5 x 25
20 0481127	Screw, Washer Head 4 x 12
21 0471623	Nut, Flange 6 mm

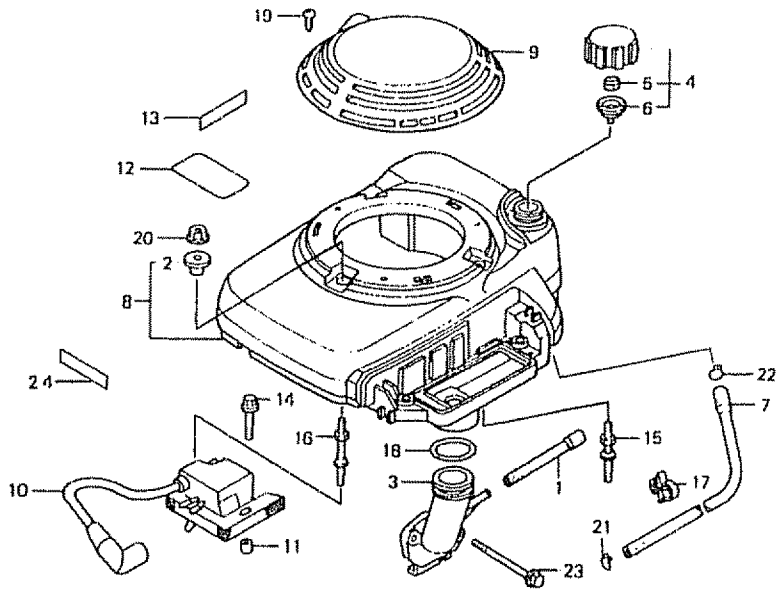
CARBURETOR

KEY PART NO. NO.	DESCRIPTION
1 4428827	Gasket Set
2 1441476	Valve Set, Float
3 1441492	Float Set
4 4428835	Chamber Set, Float
5 4219879	Screw Set
6 1441518	Screw Set B
7 3352671	Choke Set
8 4428843	Carburetor Assembly (BE53A A)
9 1441559	Screw, Throttle Stop
10 4428850	Nozzle, Main
11 3307311	Insulator, Carburetor
12 4224267	Packing, Carburetor (HPE)
13 2455640	Carburetor Spacer, Complete
14 4224275	Gasket, Carburetor
15 2580116	Lever, Valve
16 1807791	Plate, Lever Setting
17 1807809	Spring, Valve Lever
18 3440708	Gasket, Fuel Valve
19 2387090	Screw, Pan Head 3 x 8
20 4193397	Jet, Main #62
21 3683141	Jet Set, Pilot #40

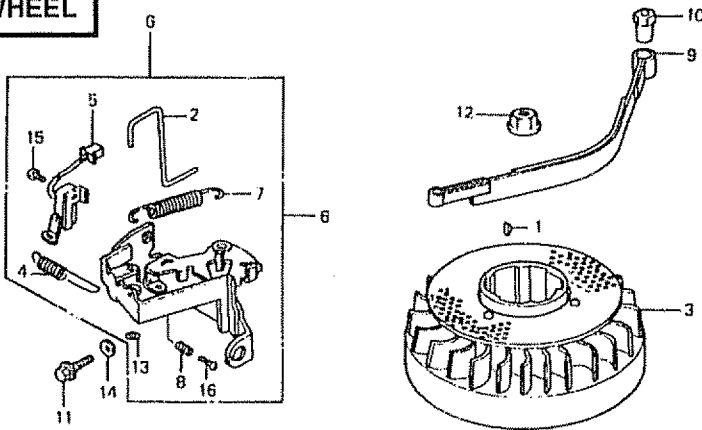
CAMSHAFT

KEY PART NO. NO.	DESCRIPTION
1 4327334	Camshaft Assembly
2 3337854	Rod, Push
3 1426824	Arm, Valve Rocker
4 1426832	Lifter, Valve Arm
5 4300901	Pivot, Rocker Arm
6 4327342	Spring, Weight Return
7 4428454	Valve, Intake
8 4428462	Valve, Exhaust
9 3683489	Spring, Valve
10 4544284	Retainer, Valve Spring
11 1929769	Plate, Push Rod Guide
12 1756964	Bolt, Pivot
13 1431287	Nut, Pivot Adjusting
14 4327557	Pin, Weight Center
15 4452355	Collar, Weight Center

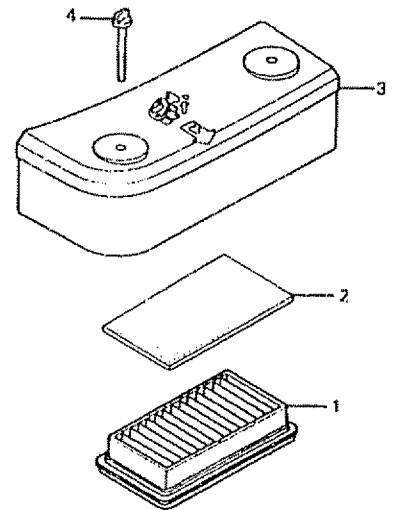
FAN COVER



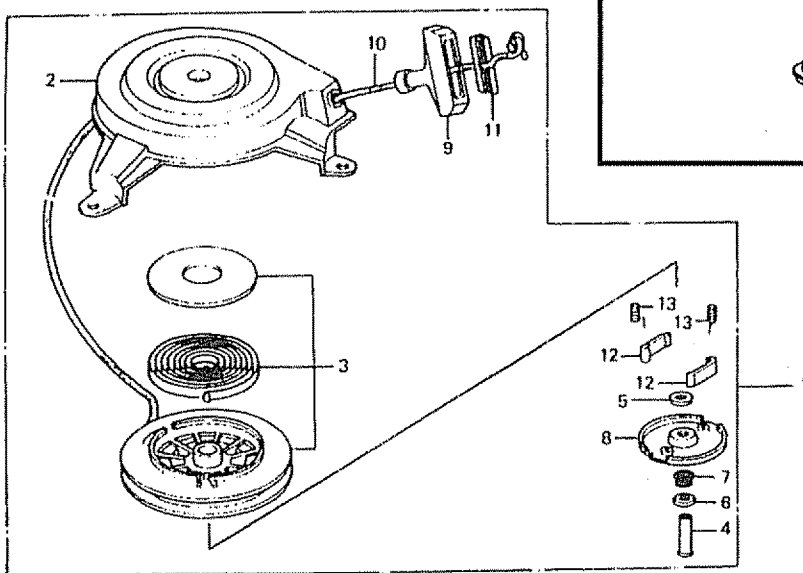
FLYWHEEL



AIR CLEANER



RECOIL STARTER



FAN COVER

KEY PART NO. NO.	DESCRIPTION
1 2580033	Tube Breather
2 2029346	Collar, Air Cleaner
3 4452488	Air Cleaner Elbow, Complete
4 2289833	Cap Assembly, Fuel Tank
5 0810341	Sponge, Fuel Cap Breather
6 2507689	Gasket, Fuel Cap
7 4469722	Tube, Fuel Tank
8 4536942	Fan Cover, Complete
9 4536967	Hood, Fan Cover, Black
10 4327490	Coil Assembly, Ignition
11 1024561	Collar, Roto-Stop
12 4722583	Decal, Emblem, 5.0
13 4722575	Decal, Honda
14 0636076	Bolt, Flange 6 x 32
15 4429015	Bolt, Stud, Brake
16 4429023	Bolt, Stud C
17 1064021	Clip B, Cable
18 4429056	O-Ring 33.3 x 3.5
19 4311718	Screw, Tapping 4 x 20
20 0471623	Nut, Flange 6 mm
21 0250647	Clip, Tube, B8
22 0250985	Clip, Tube, B10
23 2533883	Bolt, Flange 6 x 100
24 4722567	Decal, Craftsman

AIR CLEANER

KEY PART NO. NO.	DESCRIPTION
1 4327383	Element, Air Cleaner
2 4327391	Filter, Outer
3 4536983	Cover, Air Cleaner
4 4010146	Bolt, Air Cleaner 6 mm

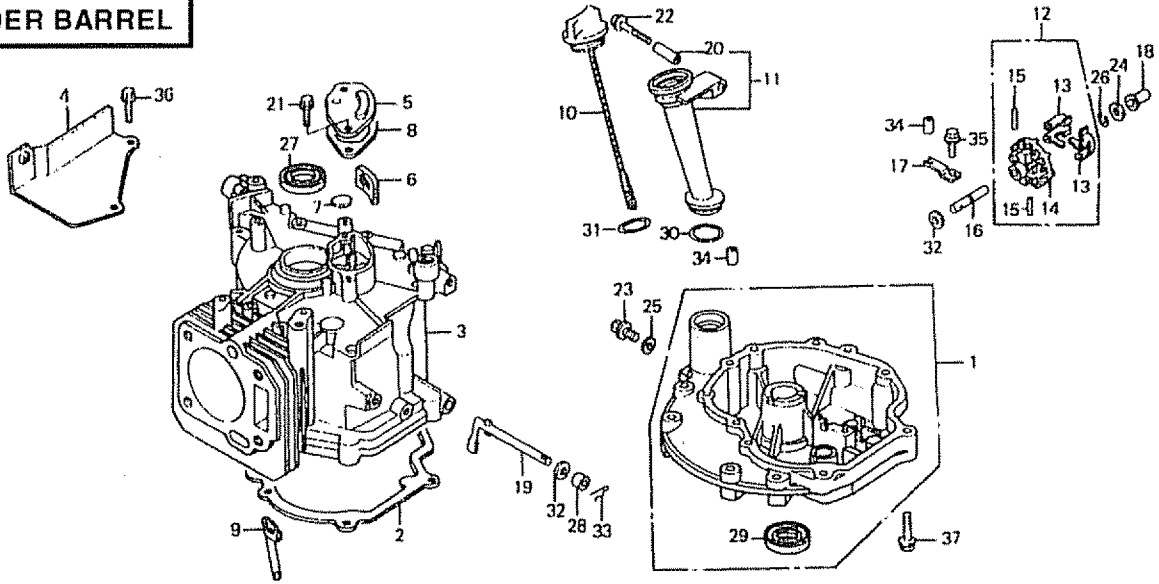
FLYWHEEL

KEY PART NO. NO.	DESCRIPTION
1 0348433	Key, Woodruff, Special 25 x 18
2 4428876	Rod, Governor Arm Return
3 4327508	Flywheel Assembly
4 4428892	Spring, Switch Control
5 4428900	Switch Assembly, Engine Stop
6 4428942	Lever Assembly, Brake
7 4428959	Spring, Brake Lever
8 4428967	Spring, Brake Adjusting
9 4327524	Brake, Complete
10 4428975	Collar, Brake Shaft
11 0747733	Bolt, Flange 6- x 16
12 0442038	Nut, Special 14 mm
13 4540647	Nut, Push, 2.6
14 0350215	Washer, Sealing 6.5 x 12
15 0156463	Screw, Pan Head 4 x 8
16 0173567	Screw, Pan Head 5 x 12

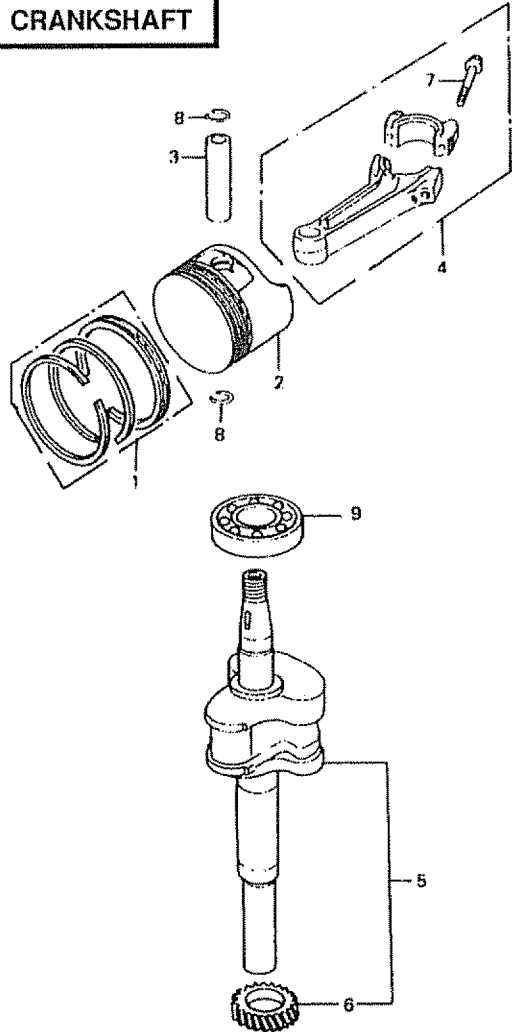
RECOIL STARTER

KEY PART NO. NO.	DESCRIPTION
1 4327409	Starter Assembly, Recoil
2 4327417	Housing Assembly
3 4327425	Pulley and Spring Assembly
4 4327433	Pin, Center
5 4327441	Plate A, Friction
6 4327458	Plate B, Friction
7 4327466	Spring, Friction
8 4327474	Retainer
9 3979887	Handle
10 4327482	Rope, Recoil Starter
11 3979879	Handle, Reinforcement
12 3979937	Ratchet Starter
13 3979929	Spring, Dog

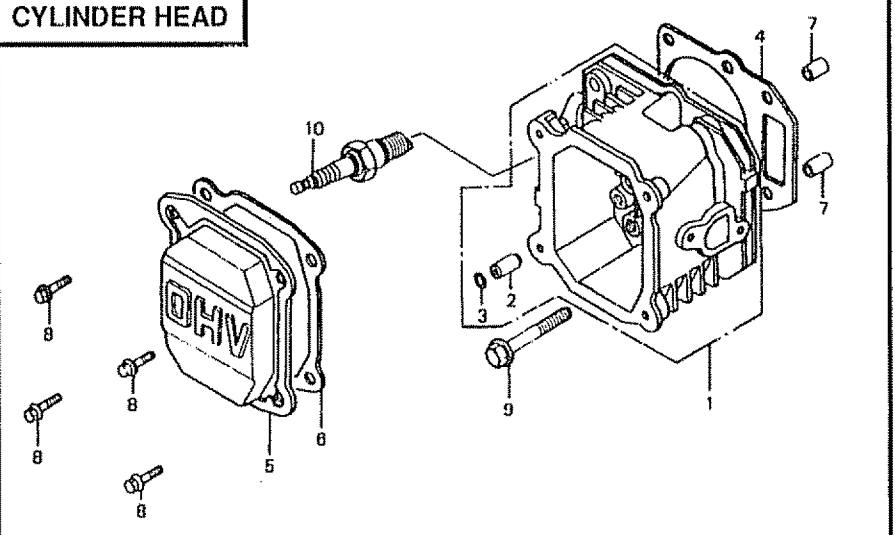
CYLINDER BARREL



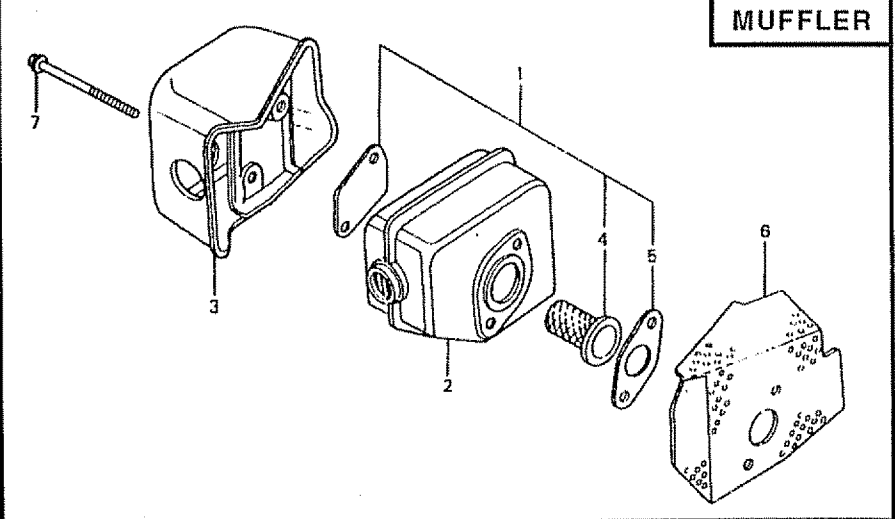
CRANKSHAFT



CYLINDER HEAD



MUFFLER



CYLINDER BARREL

KEY PART NO. NO.	DESCRIPTION
1 4722591	Pan Assembly, Oil
2 4224259	Gasket, Oil Pan
3 4459491	Barrel, Complete, Cylinder
4 3307287	Plate, Guide
5 1662535	Cap, Complete, Breather Chamber
6 2794402	Filter, Breather
7 0452151	Valve, Breather
8 1452622	Gasket, Breather Chamber
9 1825702	Pipe, Oil Defense
10 3337862	Gauge, Complete, Oil Level
11 3337870	Extension, Oil Filler
12 3337904	Governor Assembly
13 1427228	Weight, Governor
14 1452846	Holder, Governor Weight
15 1427244	Pin, Governor Weight
16 1452853	Shaft, Governor Holder
17 3337912	Plate, Governor Shaft Holder
18 1427251	Slider, Governor
19 2289643	Shaft, Governor Arm
20 1453000	Collar, Extension
21 0803619	Bolt, Flange 6 x 14
22 0636076	Bolt, Flange 6 x 32
23 1431246	Bolt, Drain Plug
24 1106764	Washer, Thrust 6 mm
25 1436583	Washer, Drain Plug 10.2 mm
26 2456697	Clip, Governor Holder
27 3270246	Oil Seal 22 x 35 x 6
28 0801043	Seal, Oil 6 x 11 x 4
29 0671628	Oil Seal 25 x 38 x 7 (ARAI)
30 2280006	O-Ring 22.5 x 2.2
31 0065185	O-Ring 26 x 2.7
32 0345900	Washer, Plain 6 mm
33 0115527	Pin, Lock 8 mm
34 0069310	Pin A, Dowel 8 x 14
35 2170793	Bolt, Flange 6 x 12
36 2105815	Bolt, Flange 6 x 20
37 2105849	Bolt, Flange 6 x 28

MUFFLER

KEY PART NO. NO.	DESCRIPTION
1 4165866	Kit, Spark Arrester
2 4060844	Muffler, Complete
3 4223954	Muffler Protector, Complete
4 0672253	Arrester, Spark
5 4165932	Gasket, Muffler
6 4010120	Gasket, Muffler
7 3378064	Bolt, Flange 6 x 85

CRANKSHAFT

KEY PART NO. NO.	DESCRIPTION
1 4222303	Ring Set, Piston, Standard Size
4222311	Ring Set, Piston, 0.25 Oversize
4222329	Ring Set, Piston, 0.50 Oversize
4222337	Ring Set, Piston, 0.75 Oversize
2 3307303	Piston, Standard Size
3613767	Piston, 0.25 Oversize
3613775	Piston, 0.50 Oversize
3613783	Piston, 0.75 Oversize
3 1426576	Pin, Piston
4 3214913	Rod, Assembly, Connecting
5 4428819	Crankshaft, Complete
6 1452705	Gear, Timing
7 1431055	Bolt, Connecting Rod
8 2605517	Clip, Piston Pin 13 mm
9 0442061	Bearing, Radial Ball, 62/22

CYLINDER HEAD

KEY PART NO. NO.	DESCRIPTION
1 4452470	Cylinder Head, Complete
2 1899848	Guide, Exhaust Valve, Oversize
3 2399780	Clip, Valve Guide
4 3337821	Gasket, Cylinder Head
5 4428165	Cover, Head
6 4311437	Gasket, Head Cover
7 0058206	Pin A, Dowel 10 x 16
8 2410884	Bolt, Flange 6 x 14
9 2935740	Bolt, Flange 8 x 50
10 1672443	Plug, Spark (BPR5ES NGK)

SEARS OWNER'S MANUAL

**MODEL NO.
917.376370**

IF YOU NEED REPAIR SERVICE OR PARTS:

FOR REPAIR SERVICE, CALL
THIS TOLL FREE NUMBER:

1-800-4-REPAIR
(1-800-473-7247)

FOR REPLACEMENT PARTS
INFORMATION AND
ORDERING, CALL THIS
TOLL FREE NUMBER:

1-800-FON-PART
(1-800-366-7278)

CRAFTSMAN®

5.0 HORSEPOWER 22" REAR DISCHARGE 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 your engine will be found on the blower housing of the engine.

All parts listed herein may be ordered from any Sears, Roebuck and Co. Service Center/Department and most Retail Stores.

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION:

- **PRODUCT - LAWN MOWER**
- **MODEL NUMBER - 917.376370**
- **ENGINE MODEL NO. - GXV140A1KY**
- **PART NUMBER**
- **PART DESCRIPTION**

Your Sears merchandise has added value when you consider Sears has service units nationwide staffed with Sears trained technicians... professional technicians specifically trained to insure that we meet our pledge to you, we service what we sell.

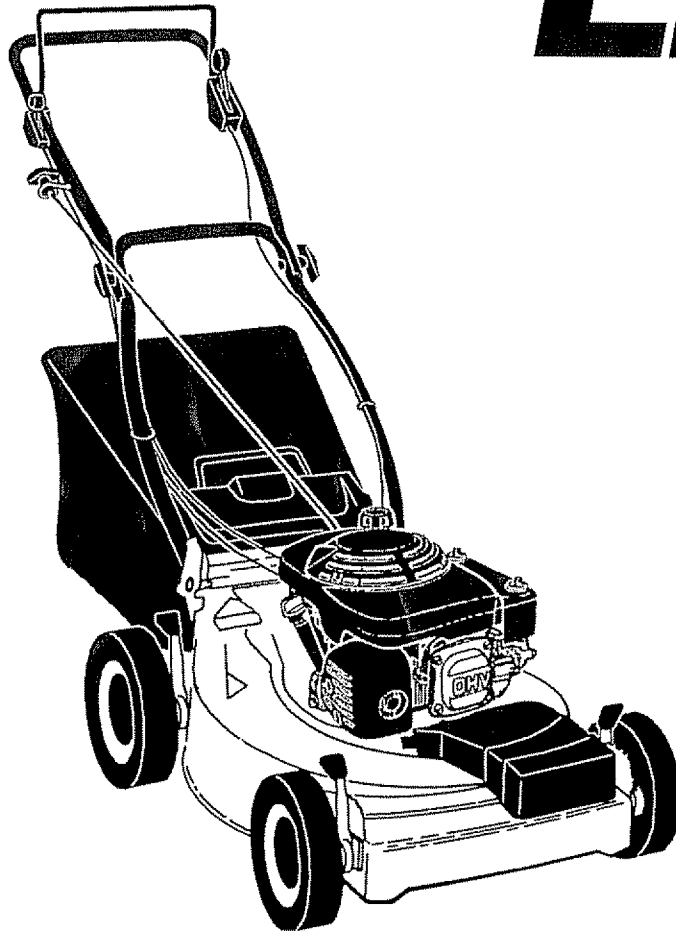
SEARS

M-58-03-430

CRAFTSMAN®

MODEL NUMBER 917.376370 OWNER'S MANUAL

EZ³



- **Assembly**
- **Operation**
- **Customer Responsibilities**
- **Service**
- **Adjustments**
- **Repair Parts**

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

153580 Rev. 1 5.6.96 TR

Printed in U.S.A.

Sears, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.



SAFETY RULES



Safe Operation Practices for Walk-Behind Mowers

IMPORTANT: THIS CUTTING MACHINE IS CAPABLE OF AMPUTATING HANDS AND FEET AND THROWING OBJECTS. FAILURE TO OBSERVE THE FOLLOWING SAFETY INSTRUCTIONS COULD RESULT IN SERIOUS INJURY OR DEATH.

SAFETY STANDARDS REQUIRE OPERATOR PRESENCE CONTROLS TO MINIMIZE THE RISK OF INJURY. YOUR UNIT IS EQUIPPED WITH SUCH CONTROLS. DO NOT ATTEMPT TO DEFEAT THE FUNCTION OF THE OPERATOR PRESENCE CONTROLS UNDER ANY CIRCUMSTANCES.

TRAINING:

- Read this operator's manual carefully. Become familiar with the controls and know how to operate your mower properly. Learn how to quickly stop mower.
- Do not allow children to use your mower. Never allow adults to use mower without proper instructions.
- Keep the area of operation clear of all persons, especially small children and pets.
- Use mower only as the manufacturer intended and as described in this manual.
- Do not operate mower if it has been dropped or damaged in any manner. Always have damage repaired before using your mower.
- Do not use accessory attachments that are not recommended by the manufacturer. Use of such attachments may be hazardous.
- The blade turns when the engine is running.
- Do not continue to run your mower if you hit a foreign object. Follow the procedure outlined above, then repair any damage before restarting and operating you mower.
- Do not change the governor settings or overspeed the engine. Engine damage or personal injury may result.
- Do not operate your mower if it vibrates abnormally. Excessive vibration is an indication of damage; stop the engine, safety check for the cause of vibration and repair as required.
- Do not run the engine indoors. Exhaust fumes are dangerous.
- Never cut grass by pulling the mower towards you. Mow across the face of slopes, never up and down or you might lose your footing. Do not mow excessively steep slopes. Use caution when operating the mower on uneven terrain or when changing directions - maintain good footing.
- Never operate your mower without proper guards, plates, grass catcher or other safety devices in place.

PREPARATION:

- Always thoroughly check the area to be mowed and clear it of all stones, sticks, wires, bones, and other foreign objects. These objects will be thrown by the blade and can cause severe injury.
- Always wear safety glasses or eye shields when starting and while using your mower.
- Dress properly. Do not operate mower when barefoot or wearing open sandals. Wear only solid shoes with good traction when mowing.
- Check fuel tank before starting engine. Do not fill gas tank indoors, when the engine is running or when the engine is hot. Allow the engine to cool for several minutes before filling the gas tank. Clean off any spilled gasoline before starting the engine.
- Always make wheel height adjustments before starting your mower. Never attempt to do this while the engine is running.
- Mow only in daylight or good artificial light.

OPERATION:

- Keep your eyes and mind on your mower and the area being cut. Do not let other interests distract you.
- Do not mow wet or slippery grass. Never run while operating your mower. Always be sure of your footing - keep a firm hold on the handles and walk.
- Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
- Always stop the engine whenever you leave or are not using your mower, or before crossing driveways, walks, roads, and any gravel-covered areas.
- Never direct discharge of material toward bystanders nor allow anyone near the mower while you are operating it.
- Before cleaning, inspecting, or repairing your mower, stop the engine and make absolutely sure the blade and all moving parts have stopped. Then disconnect the spark plug wire and keep it away from the spark plug to prevent accidental starting.

MAINTENANCE AND STORAGE:

- Check the blade and the engine mounting bolts often to be sure they are tightened properly.
- Check all bolts, nuts and screws at frequent intervals for proper tightness to be sure mower is in safe working condition.
- Keep all safety devices in place and working.
- To reduce fire hazard, keep the engine free of grass, leaves or excessive grease and oil.
- Check grass catcher often for deterioration and wear and replace worn bags. Use only replacement bags that are recommended by and comply with specifications of the manufacturer of your mower.
- Always keep a sharp blade on your mower.
- Allow engine to cool before storing in any enclosure.
- Never store mower with fuel in the tank inside a building where fumes may reach an open flame or an ignition source such as a hot water heater, space heater, clothes dryer, etc.



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



CAUTION: Always disconnect spark plug wire and place wire where it cannot contact spark plug in order to prevent accidental starting when setting up, transporting, adjusting or making repairs.



The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

CONGRATULATIONS on your purchase of a Sears 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 Authorized Service Center/Department. We have competent, well-trained technicians and the proper tools to service or repair this lawn mower.

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

HORSEPOWER:	5.0
DISPLACEMENT:	8.2 CU. IN.
GASOLINE CAPACITY AND TYPE:	1.0 QUARTS UNLEADED REGULAR
OIL TYPE (API-SF/SG):	SAE 30 (ABOVE 32°F) SAE 5W-30 (below 32°F)
OIL CAPACITY:	20 OZS.
SPARK PLUG: (GAP: .030")	NGKBPR5ES
VALVE CLEARANCE:	INTAKE: .005"-.007" EXHAUST: .007"-.009"
BLADE BOLT TORQUE:	35-40 FT. LBS.

MODEL NUMBER 917 376370

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 "Customer Responsibilities" and "Storage" sections of this owner's manual.

LIMITED TWO YEAR WARRANTY ON CRAFTSMAN POWER MOWER

For two years from date of purchase, when this Craftsman Lawn Mower is maintained, lubricated, and tuned up according to the operating and maintenance instructions in the owner's manual, Sears will repair free of charge any defect in material or 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 vary from state to state.

SEARS, ROEBUCK AND CO., D/817 WA, HOFFMAN ESTATES, ILLINOIS 60179

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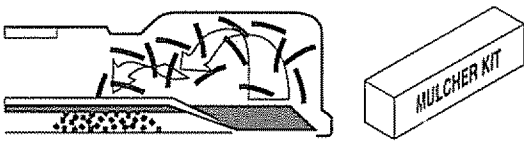
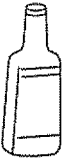
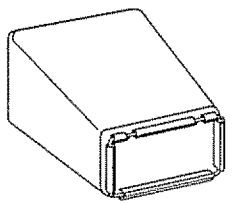
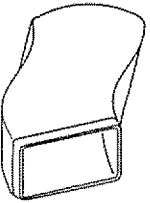
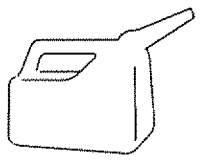
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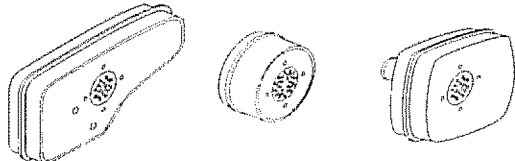
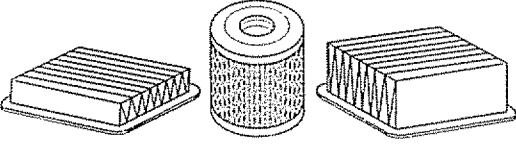

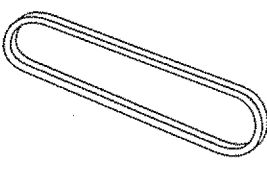
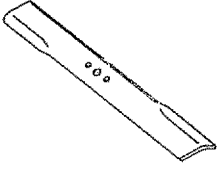
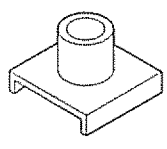
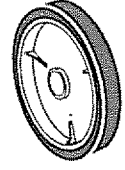

LAWN MOWER ACCESSORIES

These accessories were available when this lawn mower was produced. They are also available at most Sears retail outlets and service centers. Most Sears stores can also 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.

LAWN MOWER PERFORMANCE

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

LAWN MOWER MAINTENANCE

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

ASSEMBLY

Read these instructions and this manual in its entirety before you attempt to assemble or operate your new lawn mower. Your new lawn mower has been assembled at the factory with the exception of those parts left unassembled for shipping purposes. All parts such as nuts, washers, bolts, etc., necessary to complete the assembly have been placed in the parts bag. To ensure safe and proper operation of your lawn mower, all parts and hardware you assemble must be tightened securely. Use the correct tools as necessary to ensure proper tightness.

TO REMOVE LAWN MOWER FROM CARTON

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

HOW TO SET UP YOUR LAWN MOWER TO UNFOLD HANDLE (See Fig. 1)

IMPORTANT: UNFOLD HANDLES CAREFULLY SO AS NOT TO PINCH OR DAMAGE CONTROL CABLES.

- Raise handles until lower handle section locks into place in mowing position.
- Raise upper handle section into place on lower handle, remove protective padding and tighten both handle knobs.
- Remove handle padding holding operator presence control bar to upper handle.
- Your lawn mower handle can be adjusted for your mowing comfort. Refer to "Adjust Handle" in the Service and Adjustment section of this manual.

TO INSTALL ATTACHMENTS (See Fig. 2)

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

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

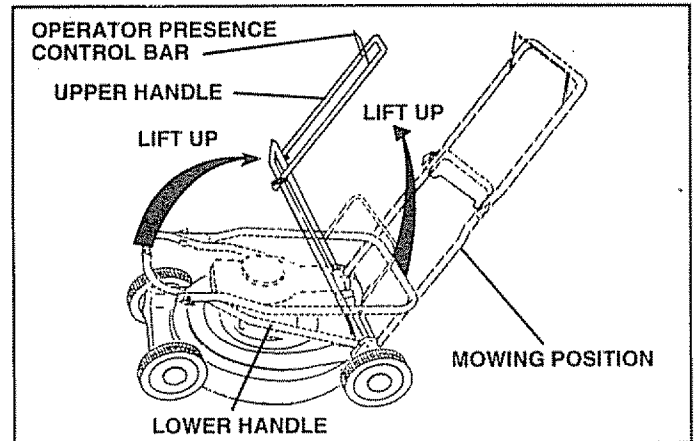


FIG. 1

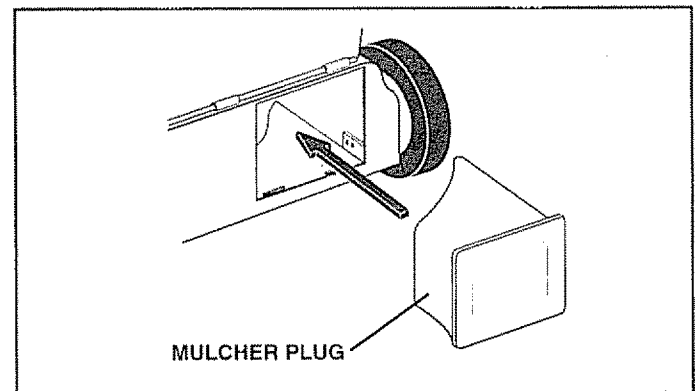


FIG. 2



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

ASSEMBLY

TO ASSEMBLE AND ATTACH GRASS CATCHER (See Figs. 3A thru 4)

- Insert leg of tubular frame through front opening of grass catcher and thread frame into sewn hem of bag.

NOTE: Keep bag hem gathered on the straight leg of the tubular frame.

- When frame comes out the other end of sewn hem, immediately work the end of frame down inside the bag as shown in inset
- Slide sewn hem evenly around the tubular frame until both ends of frame are exposed out of the front opening.
- Assemble lower frame to tubular frame as shown. Be sure handle is outside of bag and frames are fully seated as shown in inset.
- Slip vinyl bindings over frame.

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

- Close the flip lid. Flip lid must be closed while operating lawn mower.
- Lift the rear door on the mower housing and place the grass catcher frame onto the formed tabs on the rear door hinge bracket.
- The grass catcher is secured to the lawn mower housing when the rear door is lowered onto the grass catcher frame.

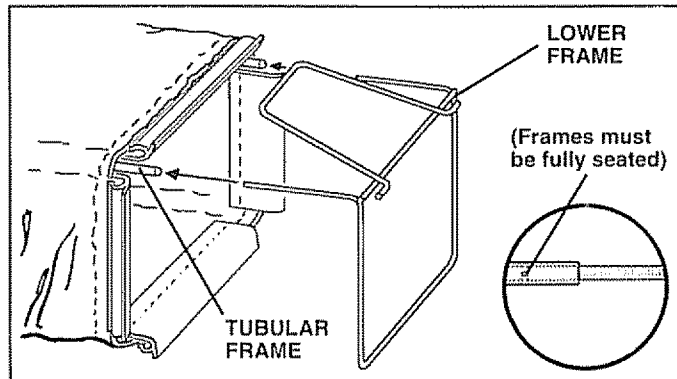


FIG. 3B

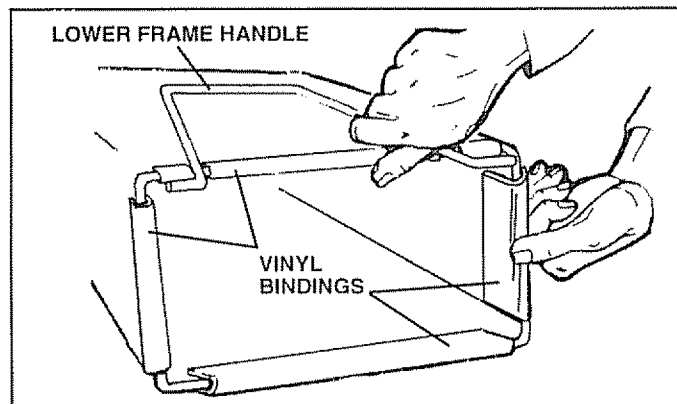


FIG. 3C



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.

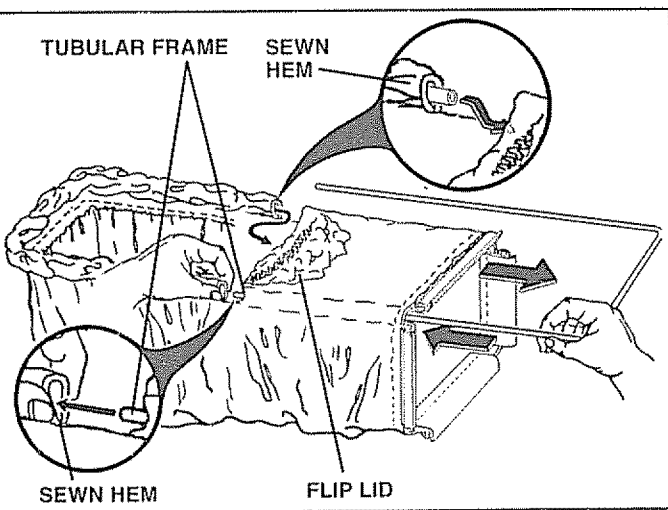


FIG. 3A

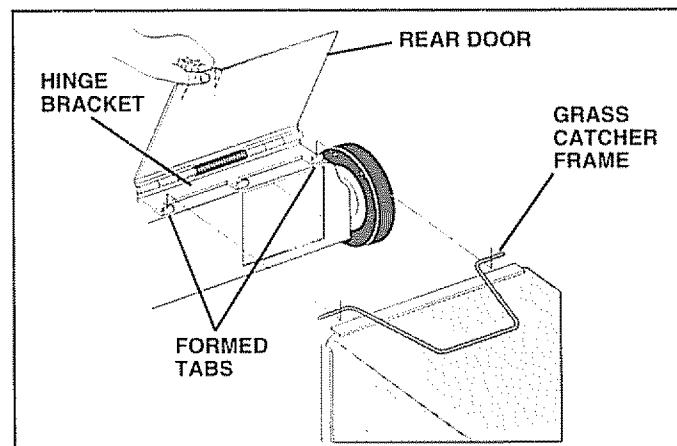


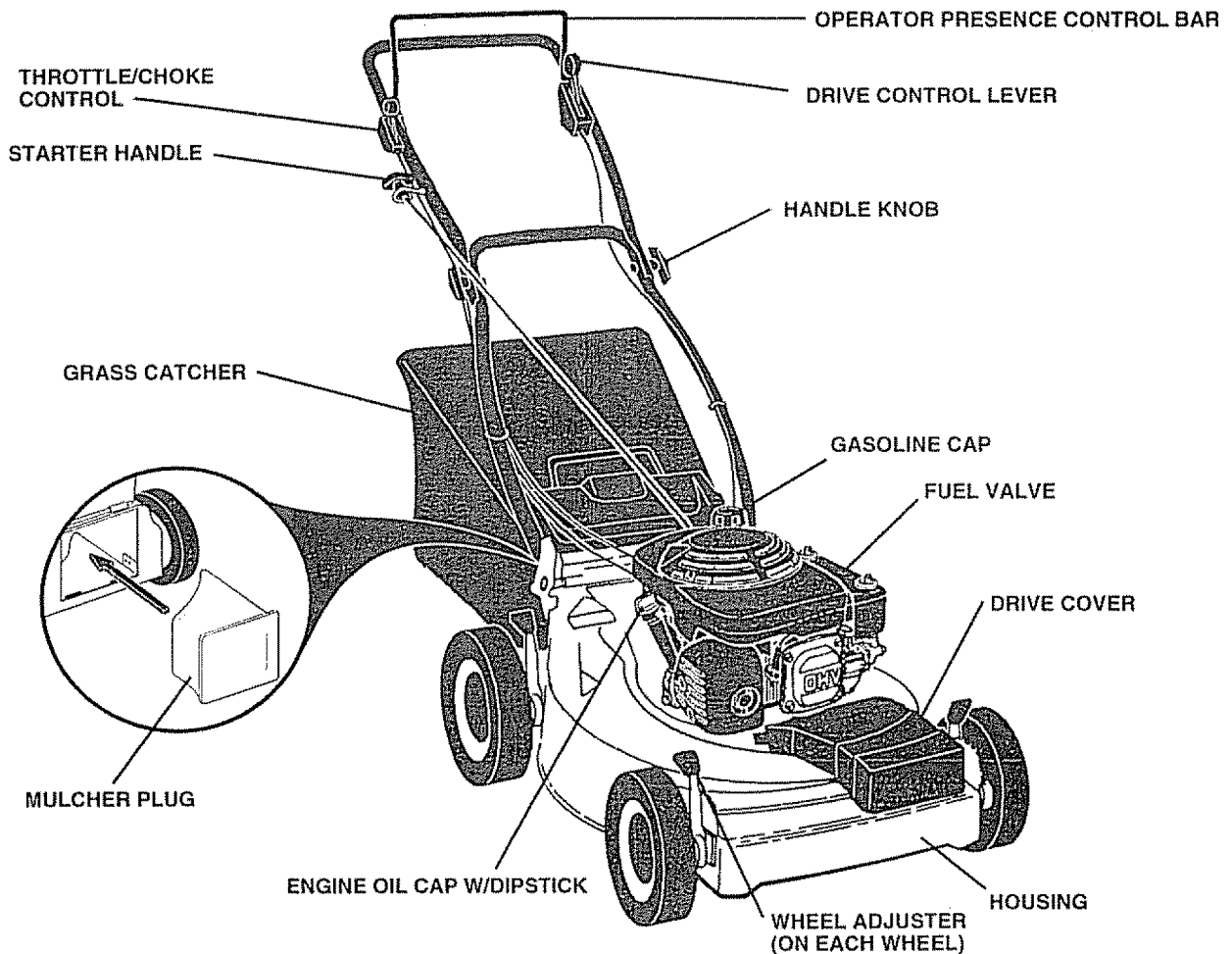
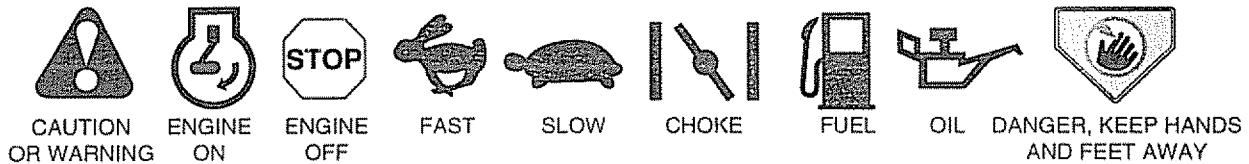
FIG. 4

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.

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



MEETS CPSC SAFETY REQUIREMENTS

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

OPERATOR PRESENCE CONTROL - must be held down to the handle to start the engine. Release to stop the engine.

THROTTLE/CHOKE CONTROL - used for starting the engine and allows you to select either choke (N) fast (T) or slow (S) engine speed.

STARTER HANDLE - used for starting the engine.

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

FUEL VALVE - must be in the ON position for starting engine.

MULCHER PLUG - must be removed to convert to bagging or discharging operation.

OPERATION



The operation of any lawn mower can result in foreign objects thrown into the eyes, which can result in severe eye damage. Always wear safety glasses or eye shields while operating your lawn mower or performing any adjustments or repairs. We recommend a wide vision safety mask over the spectacles or standard safety glasses.

HOW TO USE YOUR LAWN MOWER



CAUTION: Do not run your lawn mower without mulcher plate in place and door closed or without an approved clipping deflector or grasscatcher in place. Never attempt to operate the lawn mower with the rear door removed or propped open.

ENGINE SPEED (See Fig. 5)

The engine speed is controlled by a throttle control located on the side of the upper handle. Choke (I) position is for starting a cold engine and fast (F) position is for normal cutting, trimming, and better grass bagging. Slow (S) position is for light cutting, trimming and fuel economy.

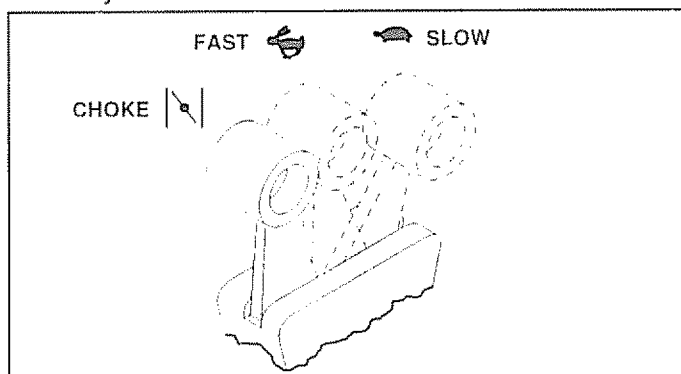


FIG. 5

ENGINE ZONE CONTROL



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

- Your lawn mower is equipped with an operator presence control bar which requires the operator to be positioned behind the lawn mower handle to start and operate the lawn mower.

TO ADJUST CUTTING HEIGHT (See Fig. 6)

- 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.

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

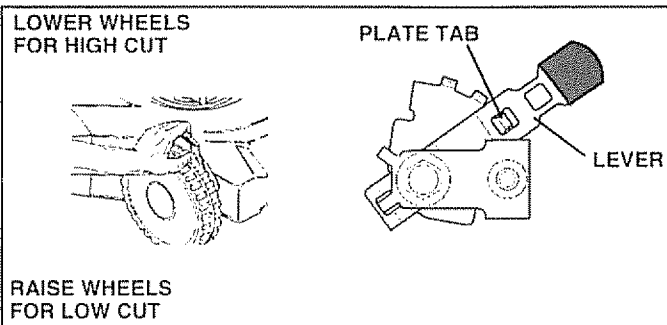


FIG. 6

TO EMPTY GRASS CATCHER (See Fig. 7)

- To remove grass catcher, release operator presence control bar to stop engine.
- Lift up rear door and remove the grass catcher by the handle.
- Do not drag the bag when emptying; it will cause unnecessary wear.

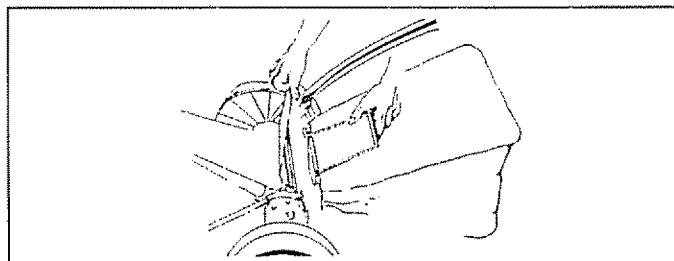


FIG. 7

DRIVE CONTROL (See Fig. 8)

- 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.
- Forward motion will stop when the operator presence control bar is released. To stop forward motion without stopping 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 lawn mower.

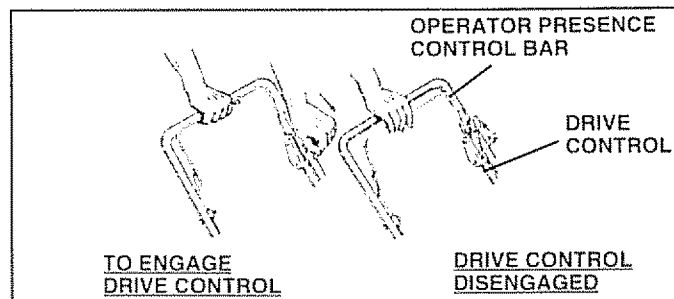


FIG. 8

OPERATION

BEFORE STARTING ENGINE OIL (See Fig. 9)

Your lawn mower is shipped without oil in the engine.

- Be sure mower is level and area around oil fill is clean.
- Remove engine oil cap w/dipstick and fill to the upper limit mark on dipstick.
- Use 20 ozs. of oil. For type and grade of oil to use, see "ENGINE" in Customer Responsibilities section of this manual.
- Pour oil slowly. Do not over fill.
- Check oil level before each use. Add oil if needed. Fill to the upper limit mark on dipstick.
- To read proper level, insert the dipstick into the tube and rest oil fill cap on the tube. Do not thread the cap onto the tube. Remove and read the oil level.
- 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.

GAS (See Fig. 9)

- Fill fuel tank. Use fresh, clean, regular unleaded gasoline with a minimum of 87 octane. (Use of leaded gasoline will increase carbon and lead oxide deposits and reduce valve life). Do not mix oil with gasoline. Purchase fuel in quantities that can be used within 30 days to assure fuel freshness.

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 of 30 days or longer. Drain the fuel tank, start the engine and let it run until 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 fuel tank or permanent damage may occur.

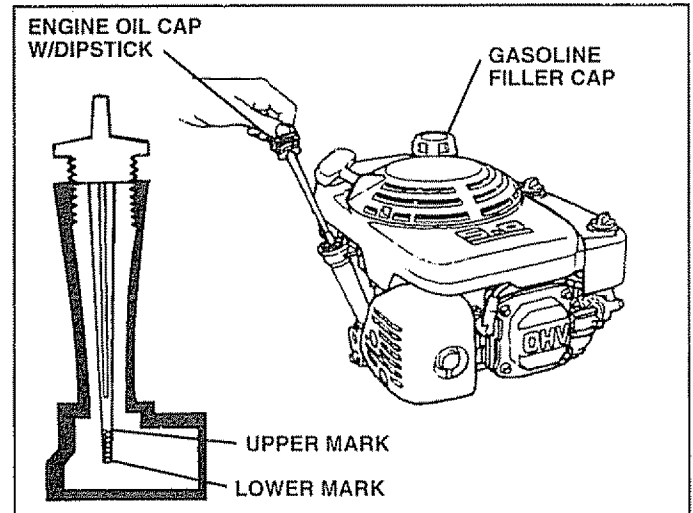


FIG. 9

TO START ENGINE (See Fig. 10)

- Turn fuel valve to ON position.
- To start a cold engine, move handle mounted throttle/choke control lever to choke (N) position.
- Hold operator presence control bar down to the handle and pull starter handle quickly. Do not allow starter rope to snap back.
- Slowly move throttle control lever to fast (F) position after engine starts.
- To start a warm engine, move throttle control lever to fast (F) or slow (S) position then follow steps above.
- To stop engine, release operator presence control bar. Wait until blade and all moving parts have stopped and turn fuel valve to OFF position if you do not intend to restart the engine soon.

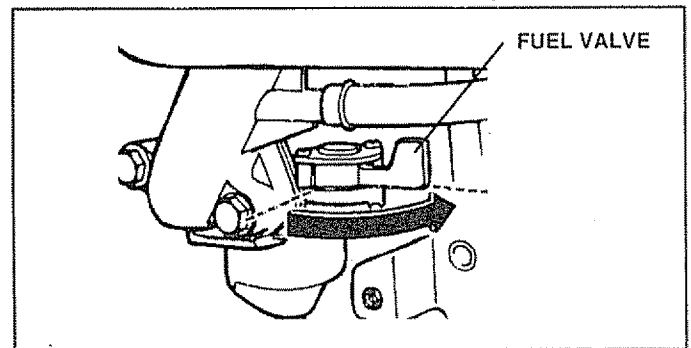


FIG. 10

OPERATION

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.
- 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 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.
- Keep top of engine around starter clear and clean of grass clippings and chaff. This will help engine air flow and extend engine life.
- 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 catchers off with water and let dry before using.

MULCHING MOWING TIPS

IMPORTANT: FOR BEST PERFORMANCE, KEEP MOWER HOUSING FREE OF BUILT-UP GRASS AND TRASH. SEE "CLEANING" IN CUSTOMER RESPONSIBILITIES SECTION OF THIS MANUAL

- The special mulching blade will recut the grass clippings many times and reduce them in size so that as they fall onto the lawn they will disperse into the grass and not be noticed. Also, the mulched grass will biodegrade quickly to provide nutrients for the lawn. Always mulch with your highest engine (blade) speed as this will provide the best recutting action of the blades.
- Avoid cutting your lawn when it is wet. Wet grass tends to form clumps and interferes with the mulching action. The best time to mow your lawn is the early afternoon. At this time the grass has dried and the newly cut area will not be exposed to the direct sun.

- For best results, adjust the lawn mower cutting height so the blades (See Fig. 11). If the lawn is overgrown it will be necessary to keep from overloading the engine and leaving clumps of grass by overlapping previously cut path and mow side by side.
- Certain types of grass and grass conditions may require the second cut. When doing a second cut, mow across or perpendicular to the first cut.
- Change your cutting pattern from week to week. Mow north to south one week and south to north the next. This will help prevent matting and graining of the lawn.

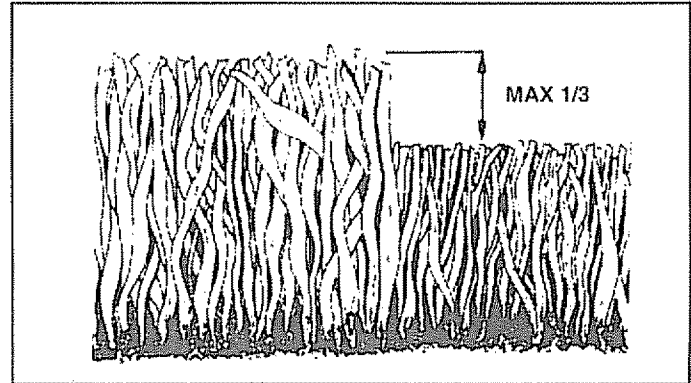


FIG. 11

CUSTOMER RESPONSIBILITIES

MAINTENANCE SCHEDULE								SERVICE DATES							
FILL IN DATES AS YOU COMPLETE REGULAR SERVICE		BEFORE EACH USE		AFTER EACH USE		FIRST 2 HOURS		EVERY 10 HOURS		EVERY 25 HOURS OR EVERY SEASON		BEFORE STORAGE			
M O W E R	Check for Loose Fasteners	✓								✓					
	Clean/Inspect Grass Catcher (If Equipped)	✓	✓							✓					
	Clean Lawn Mower		✓							✓					
	Clean Under Drive Cover (Power-Propelled Mowers)				✓										
	Check drive belt/pulleys (Power-Propelled Mowers)							✓							
	Check/Sharpen/Replace Blade							✓ ₃							
	Lubrication Chart							✓		✓					
	Clean Battery/Recharge (Electric Start Mowers)							✓		✓ ₄					
E N G I N E	Check Engine Oil Level	✓													
	Change Engine Oil			✓				✓ _{1,2}							
	Clean Air Filter							✓							
	Inspect Muffler							✓							
	Clean or Replace Spark Plug							✓							
	Replace Air Filter Paper Cartridge							✓ ₂							

- 1 - Change more often when operating under a heavy load or in high ambient temperatures
- 2 - Service more often when operating in dirty or dusty conditions
- 3 - Replace blades more often when mowing in sandy soil
- 4 - Charge 48 hours at end of season

GENERAL RECOMMENDATIONS

The warranty on this lawn mower does not cover items that have been subjected to operator abuse or negligence. To receive full value from the warranty, operator must maintain mower as instructed in this manual.

Some adjustments will need to be made periodically to properly maintain your unit.

All adjustments in the Service and Adjustments section of this manual should be checked at least once each season.

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

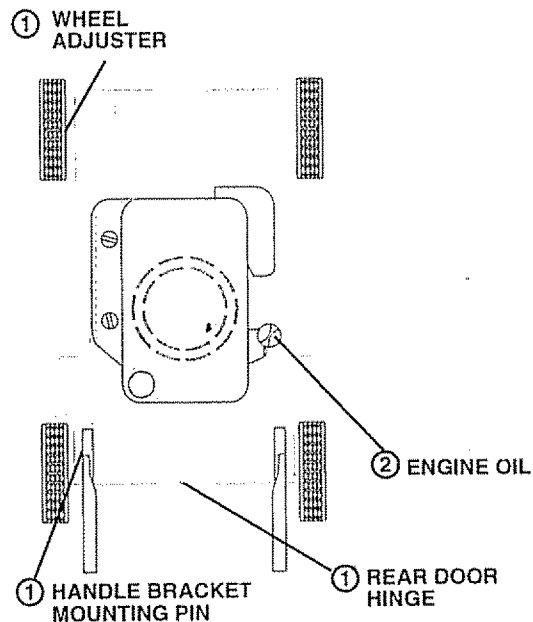
BEFORE EACH USE

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

LUBRICATION

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

LUBRICATION CHART



- ① SPRAY LUBRICANT
- ② REFER TO CUSTOMER RESPONSIBILITIES "ENGINE" SECTION.

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

CUSTOMER RESPONSIBILITIES

LAWN MOWER

Always observe safety rules when performing any maintenance.

TIRES

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

LAWN MOWER

Always observe safety rules when performing any maintenance.

TIRES

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

BLADE CARE

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

TO REMOVE BLADE (See Fig. 12)

- 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. Make sure air filter and carburetor are up.
- Use a wood block between blade and mower housing to prevent blade from turning when removing 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.

TO REPLACE BLADE (See Fig. 12)

- Position the blade adapter on the engine crankshaft. Be sure the spacer is in the adaptor and key in shaft and adaptor keyway are aligned.
- Position blade on the blade adapter. Be sure the trailing edge of blade (opposite sharp edge) is up toward the engine.
- Install the blade bolt with washers into blade adapter and crankshaft.
- Use block of wood between blade and lawn mower housing and tighten the blade bolt, turning clockwise.
- The recommended tightening torque is 35-40 ft. lbs.

IMPORTANT: BLADE BOLT IS GRADE 8 HEAT TREATED.

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

TO SHARPEN BLADE

Care should be taken to keep the blade balanced. An unbalanced blade will cause eventual damage to lawn mower or engine.

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

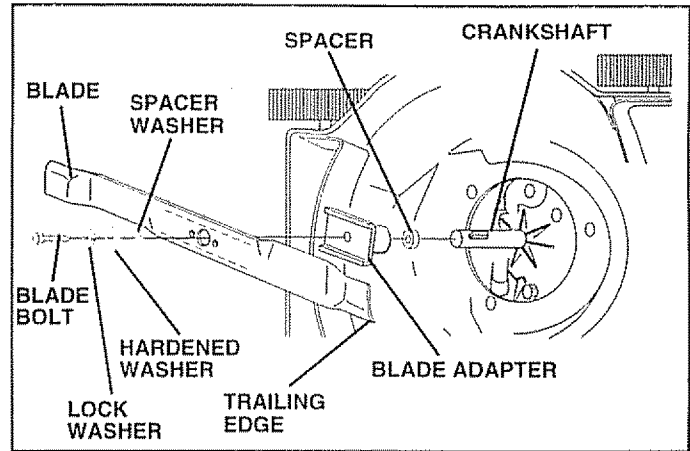


FIG. 12

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. Give the lawn mower model number when ordering.

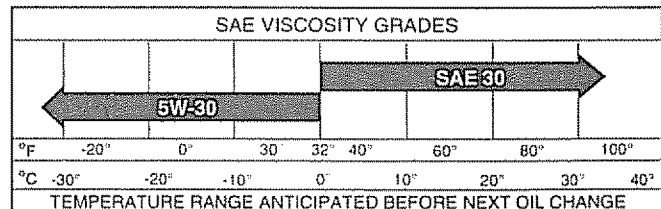
GEAR CASE

- To keep your drive system working properly, the gear case and area around the drive should be kept clean and free of trash build-up. Clean under the drive cover twice a season.
- The gear case is filled with lubricant to the proper level at the factory. The only time the lubricant needs attention is if service has been performed on the gear case.
- If lubricant is required, use only Texaco Starplex Premium 1 Grease, Part No. 750355. Do not substitute.

ENGINE

LUBRICATION

Use only high quality detergent oil rated with API service classification SF or SG. Select the oil's SAE viscosity grade according to your expected operating temperature.



NOTE: Although multi-viscosity oils (5W30, 10W30 etc.) improve starting in cold weather, these multi-viscosity oils will result in increased oil consumption when used above 32°F. Check your engine oil level more frequently to avoid possible engine damage from running low on oil.

Change the oil after the first two hours of operation and every 25 hours thereafter or at least once a year if the lawn mower is not used for 25 hours in one year.

Check the crankcase oil level before starting the engine and after each five (5) hours of continuous use. Tighten oil plug securely each time you check the oil level.

CUSTOMER RESPONSIBILITIES

TO CHANGE ENGINE OIL (See Fig. 13)

NOTE: Before tipping lawn mower to drain oil, drain fuel tank by running engine until fuel tank is empty.

- Disconnect spark plug wire from spark plug and place wire where it cannot come in contact with spark plug.
- Remove engine oil cap; lay aside on a clean surface.
- Tip lawn mower on its side and drain oil into a suitable container. Rock lawn mower back and forth to remove any oil trapped inside of engine.
- Wipe off any spilled oil on lawn mower and on side of engine.
- Fill engine with oil. Fill to the upper limit mark on the dipstick. **DO NOT OVER FILL.**
- To read proper level, insert the dipstick into the tube and rest oil fill cap on the tube. Do not thread the cap onto the tube. Remove and read the oil level.
- Replace engine oil cap.
- Reconnect spark plug wire to spark plug.

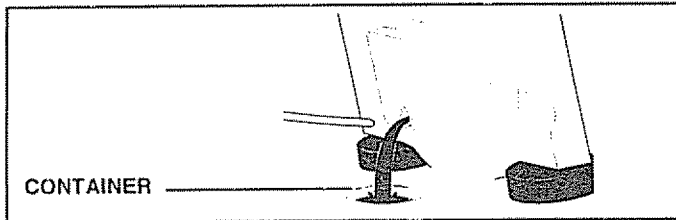


FIG. 13

AIR FILTER (See Fig. 14)

Your engine will not run properly using a dirty air filter. Clean the foam pre-cleaner after every 25 hours of operation or every season. Service paper cartridge every 100 hours of operation or every season, whichever occurs first. Service air cleaner more often under dusty conditions.

- Remove wing bolts and cover.

TO SERVICE PRE-CLEANER

- Remove foam pre-cleaner from air cleaner cover.
- Wash it in liquid detergent and water.
- Squeeze it dry in a clean cloth.
- Saturate it in engine oil. Wrap it in clean, absorbent cloth and squeeze to remove excess oil.
- If very dirty or damaged, replace pre-cleaner.
- Reinstall pre-cleaner into air cleaner cover.
- Reinstall cover and secure with wing bolts.

TO SERVICE CARTRIDGE

- Carefully remove cartridge to prevent debris from entering carburetor. Clean base carefully to prevent debris from entering carburetor.
- Clean cartridge by tapping gently on flat surface. If very dirty or damaged, replace cartridge.
- Reinstall cartridge, cover with pre-cleaner and secure with wing bolts.

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

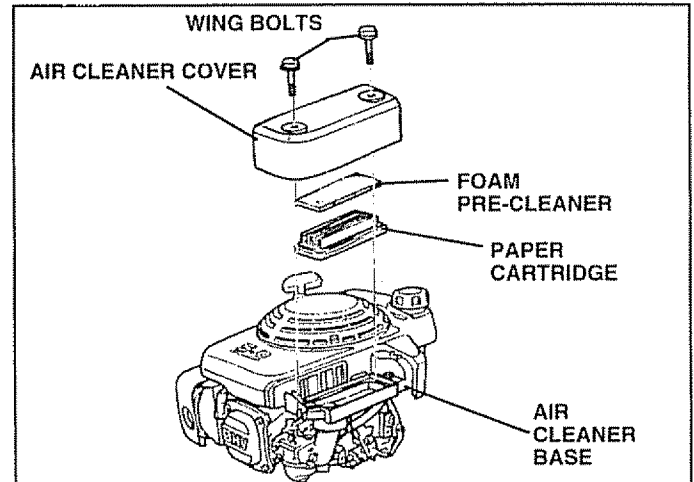


FIG. 14

MUFFLER

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

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

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



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

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

CLEAN UNDER DRIVE COVER

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

SERVICE AND ADJUSTMENTS



CAUTION: BEFORE PERFORMING ANY SERVICE OR ADJUSTMENTS:

- Release control bar.
- Make sure the blade and all moving parts have completely stopped.
- Disconnect spark plug wire from spark plug and place where it cannot come in contact with plug.

LAWN MOWER

TO ADJUST CUTTING HEIGHT

See "TO ADJUST CUTTING HEIGHT" in the Operation section of this manual.

REAR DEFLECTOR

The rear deflector, attached between the rear wheels of your 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 REMOVE/REPLACE DRIVE BELT

(See Fig. 16)

- Remove drive cover. Remove belt by pushing down on gear case pulley.
- Turn lawn mower on its side with carburetor and fuel cap up.
- Remove blade.
- Remove debris shield.
- Remove belt from engine pulley on crankshaft.
- Install new belt by reversing above steps.
- Always use factory approved belt to assure fit and long life.

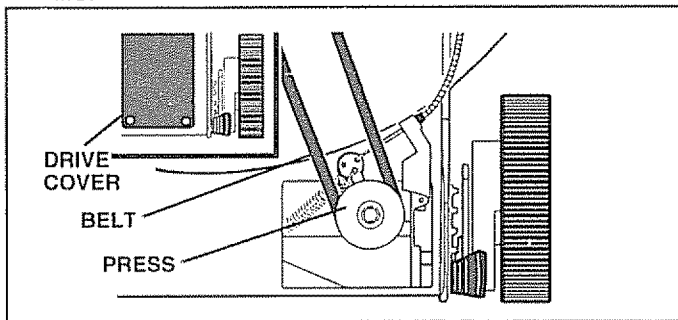


FIG. 16

TO ADJUST HANDLE (See Figs. 17 Thru 18)

Your lawn mower handle can be raised or lowered for your mowing comfort. Four (4) positions are available: high, medium high, medium low and low. Handles are shipped mounted in the medium low position.

- To change from medium low to medium high position, the upper and lower handle sections will have to be turned over (See Fig. 15B).
- Remove the controls and operator presence control bar from the upper handle.
- Remove the starter rope guide from the lower handle.
- Remove hairpin cotters.
- Disconnect the lower handle from the handle brackets (See Fig. 17)
- Turn the handle over and reassemble the hairpin cotters that have been removed.
- Reassemble the starter rope guide.
- Reassemble the controls and the operator presence control bar to the upper handle.



CAUTION: The operator presence control bar must pivot freely to permit blade brake engagement when control bar is released. Do not over tighten 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. 16A).
- To change from medium low to low position, only the lower handle section will have to be turned over (See Fig. 16B).

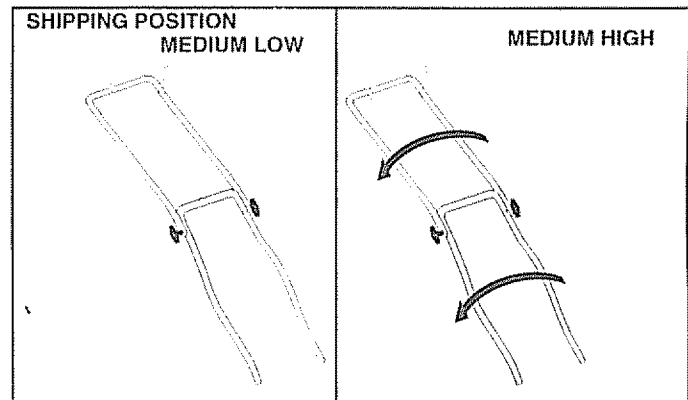


FIG. 16A

FIG. 16B

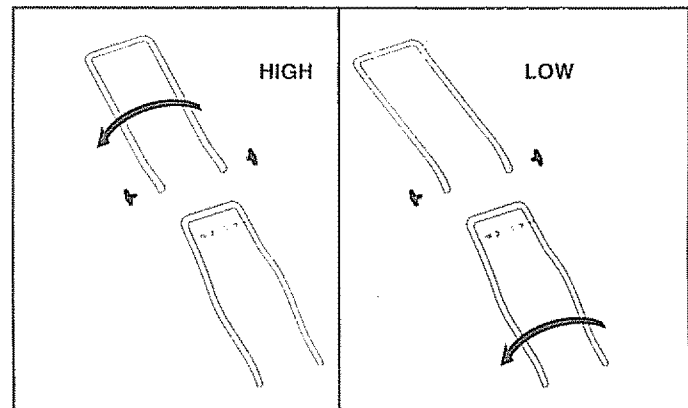


FIG. 17A

FIG. 17B

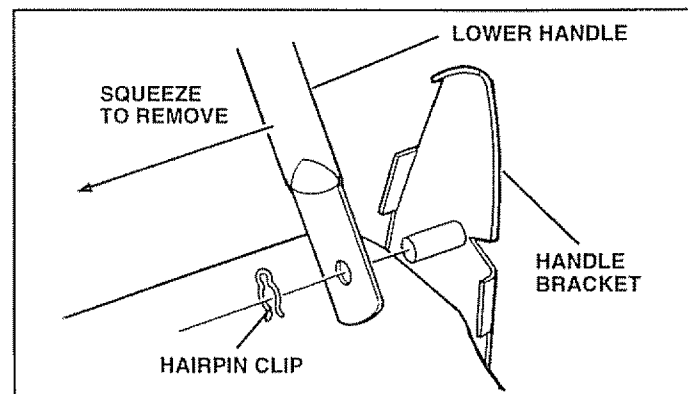


FIG. 18

SERVICE AND ADJUSTMENTS

ENGINE

ENGINE SPEED

Your engine speed has been factory set. Do not attempt to increase engine speed or it may result in personal injury. If you believe that the engine is running too fast or too slow, take your lawn mower to an authorized service center for repair and adjustment.

TO ADJUST THROTTLE CONTROL

(See Fig. 19)

A misadjusted throttle control will keep your engine from operating efficiently. If you have to replace or adjust the throttle control, follow these procedures:

- Loosen the cable clamp screw holding the throttle control cable to the engine speed control bracket.
- Put the throttle control lever (located on the handle) in fast (↗) position.
- Pull throttle cable until throttle lever just contacts the choke arm.
- Retighten the cable clamp screw.

CHECK CHOKE OPERATION -

- Put the throttle control lever (located on the handle) in choke (↘) position.
- Check that the choke arm is fully raised (choke fully closed). If necessary, adjust screw "B" so it just contacts the choke arm when the lever is fully raised.

NOTE: Do not adjust top no load adjusting screw "A". It was pre-set at the factory.

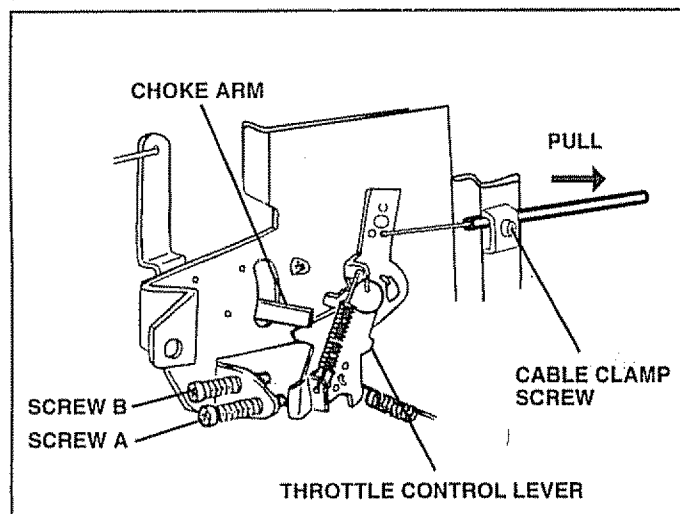


FIG. 19

CARBURETOR ADJUSTMENTS

(See Fig. 20)

The carburetor on your engine is low emission. The idle mixture screw is fitted with a limiter cap that prevents excessive enrichment of the air-fuel mixture in order to comply with emissions regulations and is not adjustable.

Do not attempt to remove the limiter cap to make adjustments. The limiter cap cannot be removed without breaking the idle mixture screw.

IDLE SPEED SETTING -

Adjustment will require the assistance of an additional person to hold down the operator presence control bar.

- Start engine and allow to warm for five minutes.
- With throttle control lever in slow (↖) position, engine should idle at 2100 RPM. If engine idles too slow or fast, turn throttle stop screw in or out until correct idle is attained.

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

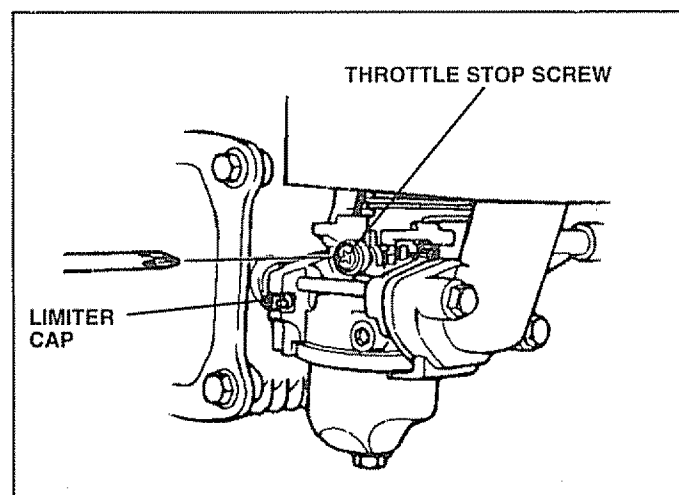


FIG. 20

STORAGE

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

LAWN MOWER

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

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

HANDLE (See Fig. 21)

You can fold your lawn mower handle for storage.

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

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

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

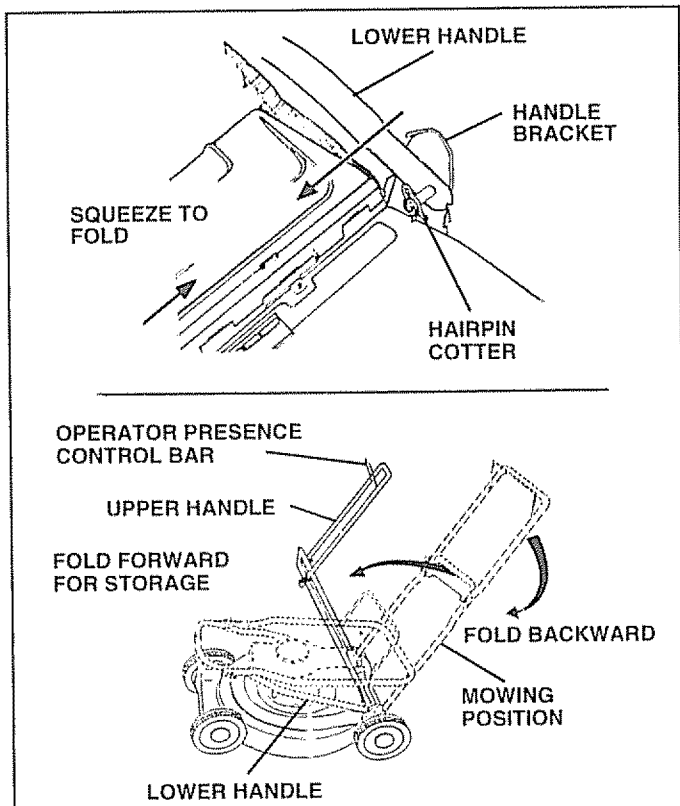


FIG. 21

ENGINE FUEL SYSTEM

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

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

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

ENGINE OIL

Drain oil (with engine warm) and replace with clean engine oil. (See "ENGINE" in the Customer Responsibilities section of this manual).

CYLINDER

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

OTHER

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

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



CAUTION: Never store the lawn mower with gasoline in the tank inside a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure.

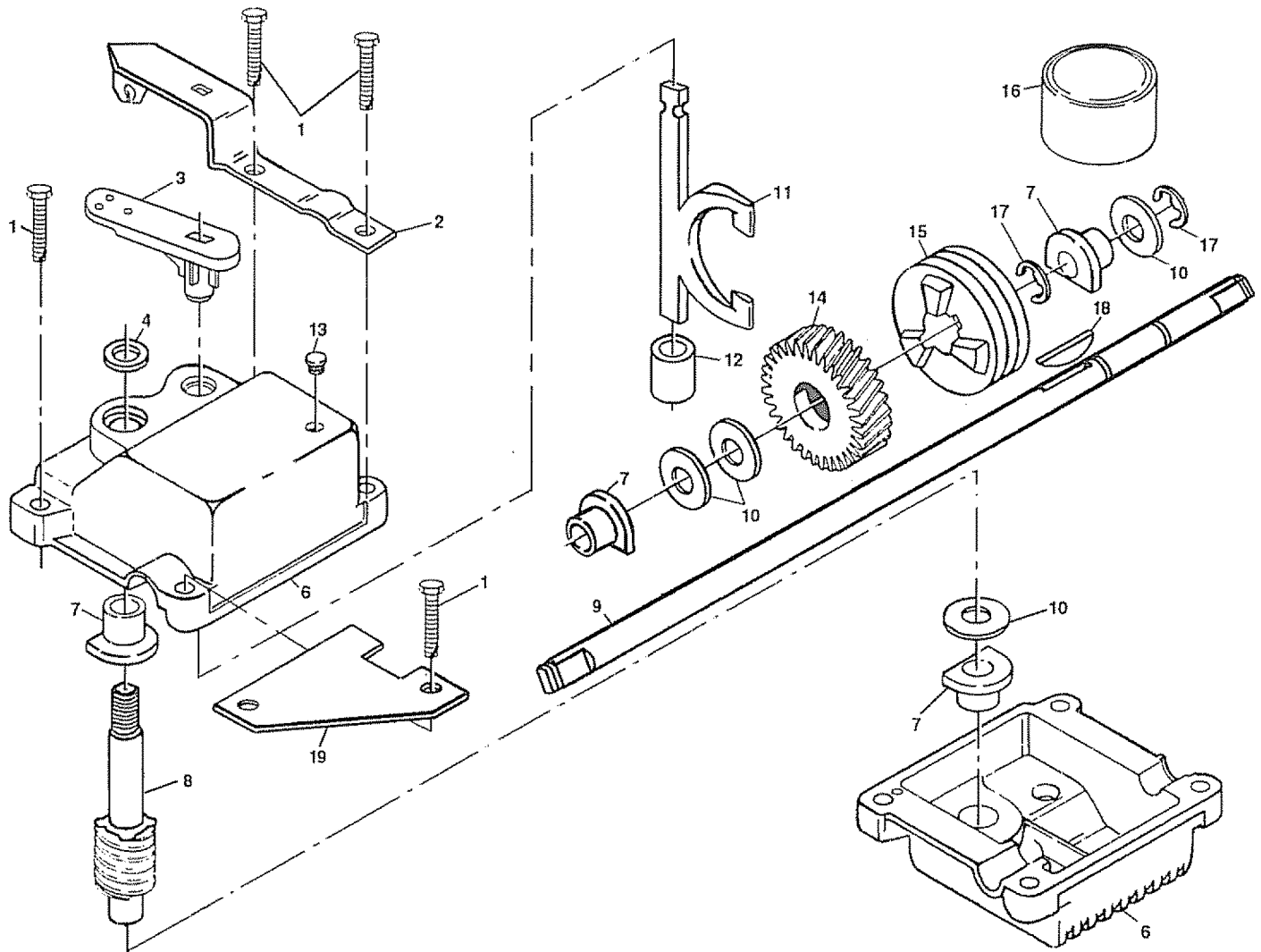
TROUBLESHOOTING POINTS

PROBLEM	CAUSE	CORRECTION
Does not start	<ol style="list-style-type: none"> 1 Dirty air filter 2 Out of fuel 3 Stale fuel 4 Water in fuel 5 Spark plug wire is disconnected 6 Bad spark plug 7 Loose blade or broken blade adapter 8 Control bar in released position 9 Control bar defective 	<ol style="list-style-type: none"> 1 Clean/replace air filter 2 Fill fuel tank. 3 Drain tank and refill with fresh clean fuel 4 Drain fuel tank and carburetor and refill tank with fresh gasoline 5 Connect wire to plug 6 Replace spark plug. 7 Tighten blade bolt or replace blade adapter 8 Depress control bar to handle 9 Replace 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 Buildup of grass, leaves and trash under mower 5 Too much oil in engine 6 Walking speed too fast. 	<ol style="list-style-type: none"> 1 Set in "Higher Cut" position. 2 Set in "Higher Cut" position. 3 Clean/replace air filter. 4 Clean underside of mower housing 5 Check oil level. 6 Cut at slower walking speed.
Poor cut - uneven	<ol style="list-style-type: none"> 1 Worn, bent or loose blade. 2 Wheel heights uneven 3 Low engine speed. 4 Buildup of grass, leaves, and trash under mower 	<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 position 4 Clean underside of mower housing.
Excessive vibration	<ol style="list-style-type: none"> 1 Worn, bent or loose blade 2 Bent engine crankshaft. 	<ol style="list-style-type: none"> 1 Replace blade Tighten blade bolt 2 Contact authorized service center/department
Starter rope hard to pull	<ol style="list-style-type: none"> 1 Engine flywheel brake is on when control bar is released 2 Bent engine crankshaft 3 Blade adapter broken 4 Blade dragging in grass 	<ol style="list-style-type: none"> 1 Depress control bar to upper handle before pulling starter rope 2 Contact authorized service center/department 3 Replace blade adapter 4 Move lawn mower to cut grass or to hard surface to start engine
Loss of drive	<ol style="list-style-type: none"> 1 Drive wheels not turning with drive control engaged. 2 Belt not driving. 	<ol style="list-style-type: none"> 1 Adjust or replace drive control cable, if broken. 2 Put belt on pulleys or replace belts if broken.
Grass catcher not filling (If so equipped)	<ol style="list-style-type: none"> 1 Cutting height too low. 2 Lift on blade worn off. 3 Catcher not venting air. 4 Low engine speed. 	<ol style="list-style-type: none"> 1 Raise cutting height. 2 Replace blade 3 Clean grass catcher 4 Set engine speed control in fast position.
Hard to push	<ol style="list-style-type: none"> 1 Grass is too high or wheel height is too low 2 Rear of lawn mower housing/blade dragging in 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 lawn mower housing one (1) setting higher 3 Empty grass catcher 4 Adjust handle height to suit.

REPAIR PARTS

ROTARY LAWN MOWER - - MODEL NO. 917.376370

GEAR CASE ASSEMBLY PART NUMBER 702511



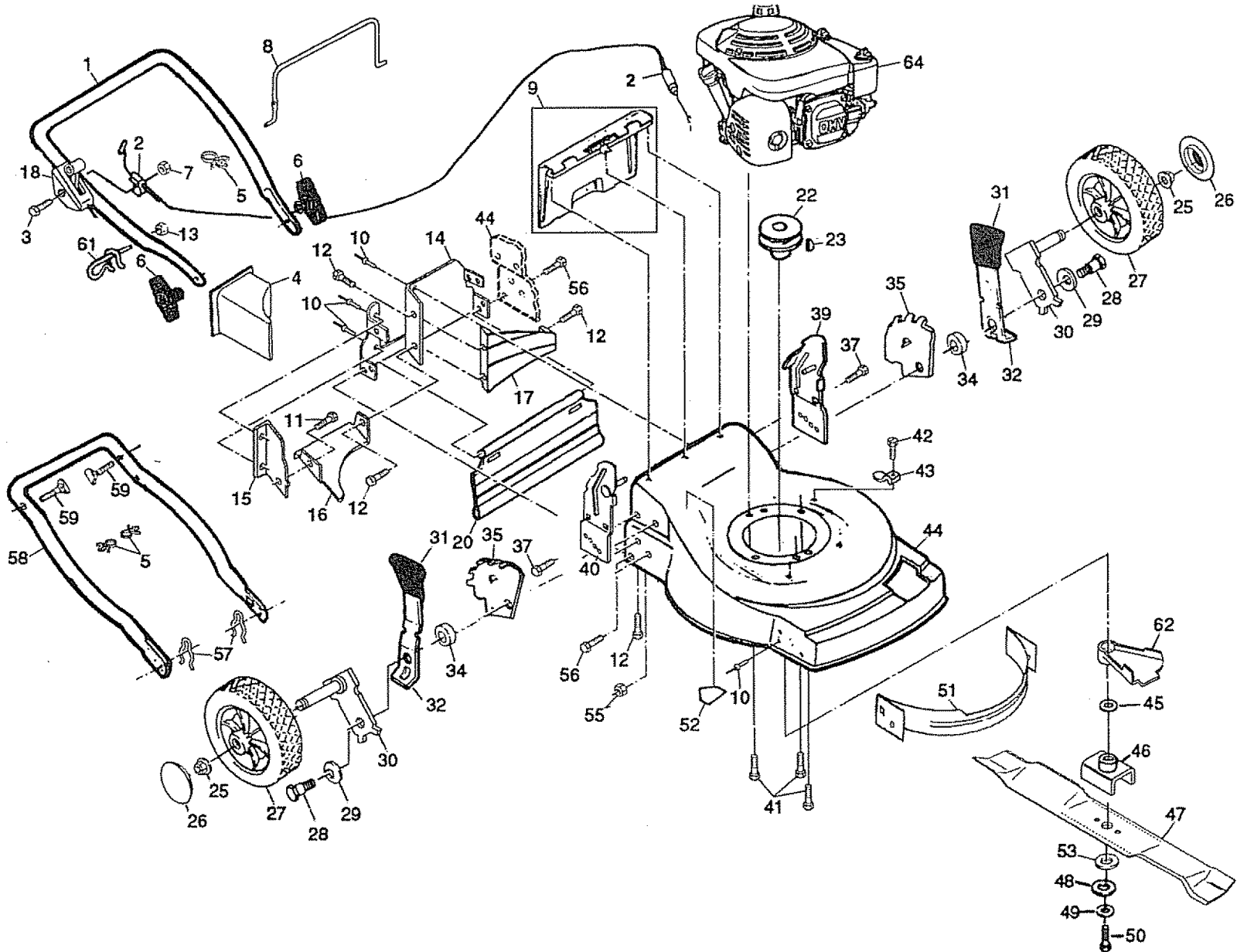
KEY NO.	PART NO.	DESCRIPTION
1	17490416	Tapping Screw 1/4-20 x 1-1/4
2	137055X004	Engagement Bracket
3	137053	Shifter
4	57072	Seal
6	48373	Gear Case Halves Kit (Includes Key Nos. 4, 5, and 7)
7	77881	Bearing
8	137051	Worm Shaft
9	137074	Drive Shaft
10	57079	Hardened Washer
11	131484	Clutch Yoke

KEY NO.	PART NO.	DESCRIPTION
12	700343	Bushing
13	86447	Plug
14	137050	Helical Gear
15	750436X	Clutch Jaw
16	750369	Grease
17	12000003	E-Ring
18	850848	Hi-Pro Key
19	81585X004	Spring Bracket

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

REPAIR PARTS

ROTARY LAWN MOWER MODEL NUMBER 917.376370



REPAIR PARTS

ROTARY LAWN MOWER MODEL NUMBER 917.376370

21

KEY NO.	PART NO	DESCRIPTION
1	145646X479	Upper Handle
2	130861	Engine Zone Control Cable
3	144929	Hex Head Screw 1/4-20 x 1-1/2
4	150425	Mulcher Plug
5	151517	Cable Clip
6	136376	Handle Knob
7	STD541425	Locknut 1/4-20
8	145793	Control Bar
9	151023	Rear Door Kit
10	128415	Pop Rivet
11	150050	Self Tapping Screw #10-24 x 5/8
12	STD512505	Hex Tapping Screw w/Sems 1/4-20 x 1/2
13	73510400	Keps Locknut
14	700483X479	Back Plate
15	700365X479	Side Baffle
16	133190X479	Discharge Baffle
17	140661X479	Rear Baffle
18	147758	Control Throttle
20	140540	Rear Skirt
22	84596	Engine Pulley
23	87677	Hi-Pro Key #505
25	83923	Hex Flange Nut
26	150182	Hubcap
27	150339	Wheel
28	142748	Shoulder Bolt 3/8-16 x 1
29	62335	Spring Washer
30	145935X004	Axle Arm Assembly
31	701037	Selector Knob
32	700331X004	Selector Spring
34	146630	Spacer
35	700325X007	Wheel Adjusting Bracket
37	150078	Thread Cutting Screw w/Sems 5/16-18 x 3/4

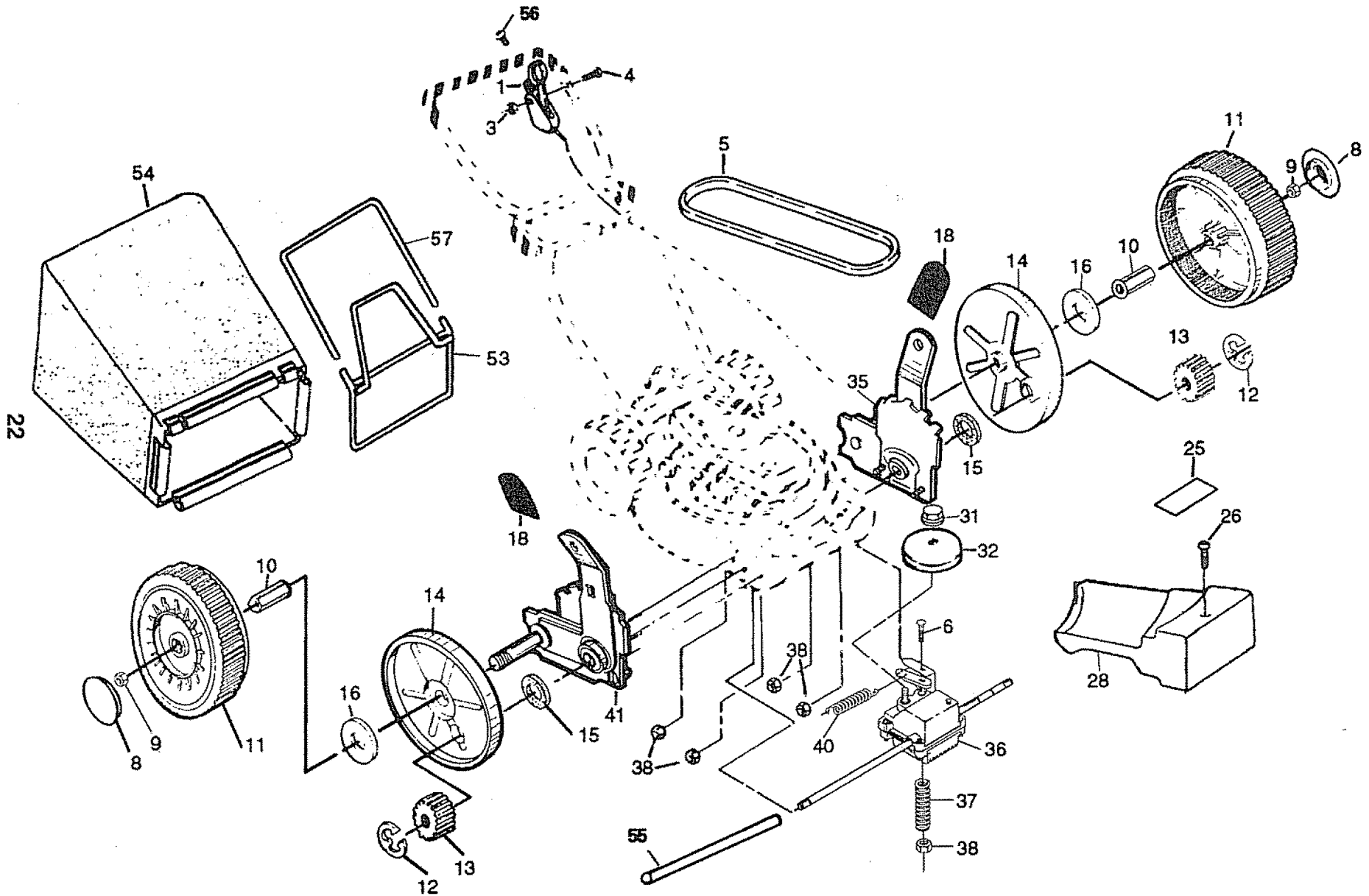
KEY NO.	PART NO	DESCRIPTION
39	151512X479	Handle Bracket Assembly (Left)
40	151511X479	Handle Bracket Assembly (Right)
41	850998	Hex Head Thread Rolling Screw 3/8-16 x 1-1/8
42	750097	Hex Washer Head Screw #10-24 x 1/2
43	87930	Guide Clip
44	48413	Lawn Mower Housing (Incl. Key #14, 15, 51 & 52)
45	67510	Washer
46	144229X004	Blade Adapter
47	141114	Blade 22"
48	851074	Hardened Washer
49	850263	Helical Washer 3/8-24 x 1-3/8 Gr. 8
50	851084	Hex Head Machine Screw 3/8-24 x 1-3/8 Gr. 8
51	700869X479	Front Baffle
52	85463	Danger Decal
53	148353	Washer
55	751592	Locknut 3/8-16
56	88652	Hinge Screw 1/4-20 x 1-1/4
57	51793	Hairpin Cotter
58	151516X479	Lower Handle
59	131959	Handle Bolt
61	132001	Rope Guide
62	134612	Debris Shield
64	146493	Engine-Craftsman - Model No. GXV140A1KY
--	153580	Owner's Manual (English/Spanish)

Available accessories not included with lawn mower:

--	<u>71</u> 33303	Clipping Deflector
--	<u>71</u> 33623	Gas Can (2.5 gal.)
--	<u>71</u> 33500	Fuel Stabilizer
--	<u>71</u> 33027	SAE 30W Oil (27 oz.)
--	<u>71</u> 33417	Dust Shield
--	<u>71</u> 33316	Mower Cover

REPAIR PARTS

ROTARY LAWN MOWER MODEL NUMBER 917.376370

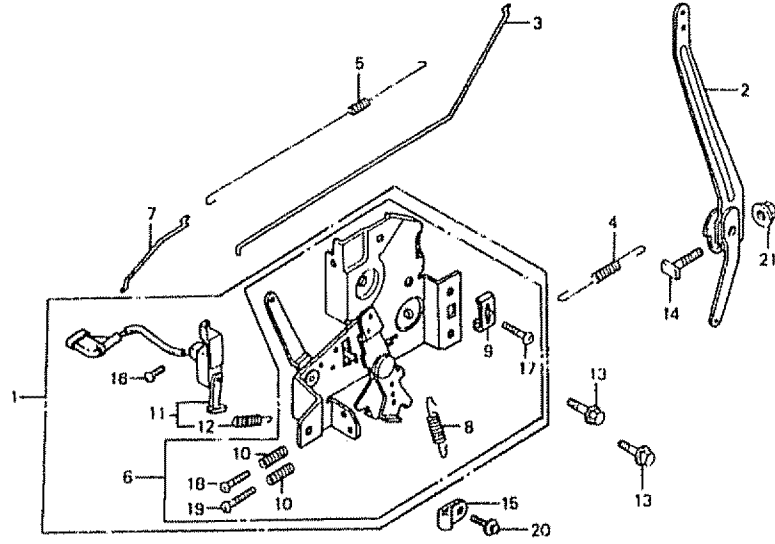


REPAIR PARTS

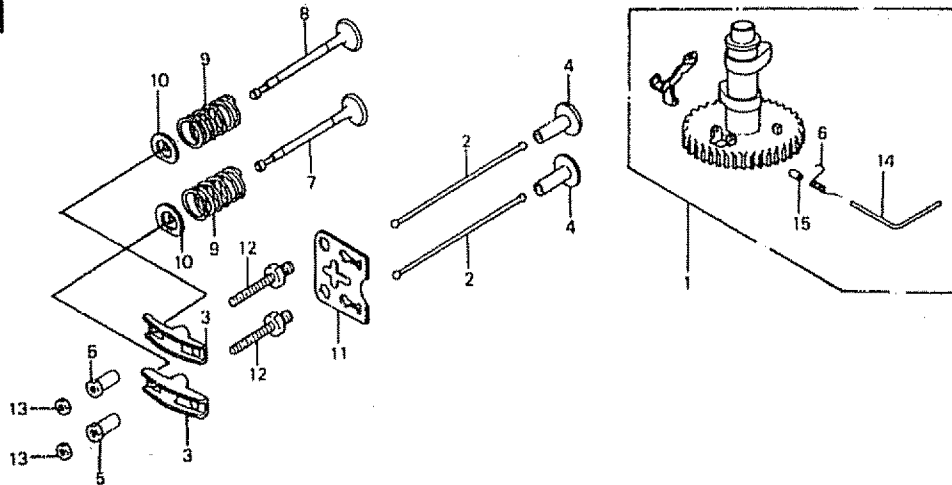
ROTARY LAWN MOWER MODEL NUMBER 917.376370

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	146323	Control Cable Assembly	26	143603	Pan Head Tapping Screw #10-24 x 2-3/4
3	63601	Locknut #10-24	28	702806	Drive Cover
4	144929	Pan Head Machine Screw 1/4 x 2.12	31	132010	Hex Flange Nut
5	146527	V-Belt	32	137052	Drive Pulley
6	700875	Carrage Bolt 1/4-20 x 2	35	151520	Wheel Adjuster Assembly (Left)
8	150182	Hubcap	36	702511	Gear Case Assembly
9	145212	Flanged Nut	37	146467	Spring
10	86960	Nylon Bushing	38	STD541425	Locknut 1/4-20
11	150340	Wheel & Tire Assembly	40	75192	Spring
12	12000058	E-Ring	41	151521	Wheel Adjuster Assembly (Right)
13	137054	Pinion	53	144747	Frame Throat
14	88080	Dust Cover	54	149844	Grassbag Assembly
15	88118	Felt Washer	55	86012	Driveshaft Cover
16	67725	Washer 1/2 x 1-1/2 x .134	57	144748	Frame Tube
18	701037	Selector Knob			
25	152903	Drive Cover Decal			

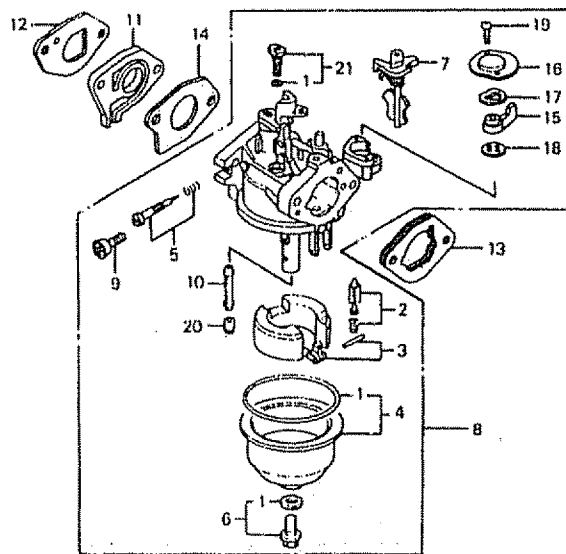
CONTROL



CAMSHAFT



CARBURETOR



CONTROL

KEY PART NO. NO.	DESCRIPTION
1 4428868	Control Assembly
2 1452887	Governor Arm, Complete
3 1452895	Rod, Governor
4 1509280	Spring, Governor
5 1452911	Spring, Throttle Return
6 4084075	Control Complete
7 1672237	Rod, Choke
8 4034682	Spring, Lever
9 0800466	Holder, Cable
10 0636431	Spring, Control Adjusting
11 4428918	Switch Assembly, Engine Stop
12 1830207	Spring, Switch Control
13 0803619	Bolt, Flange 6 x 14
14 2418671	Bolt, Governor Arm
15 4540662	Clip 2.9 mm
16 0156463	Screw, Pan Head 4 x 8
17 0145557	Screw, Pan Head 5 x 16
18 0197731	Screw, Pan Head 5 x 20
19 0145565	Screw, Pan Head 5 x 25
20 0481127	Screw, Washer Head 4 x 12
21 0471623	Nut, Flange 6 mm

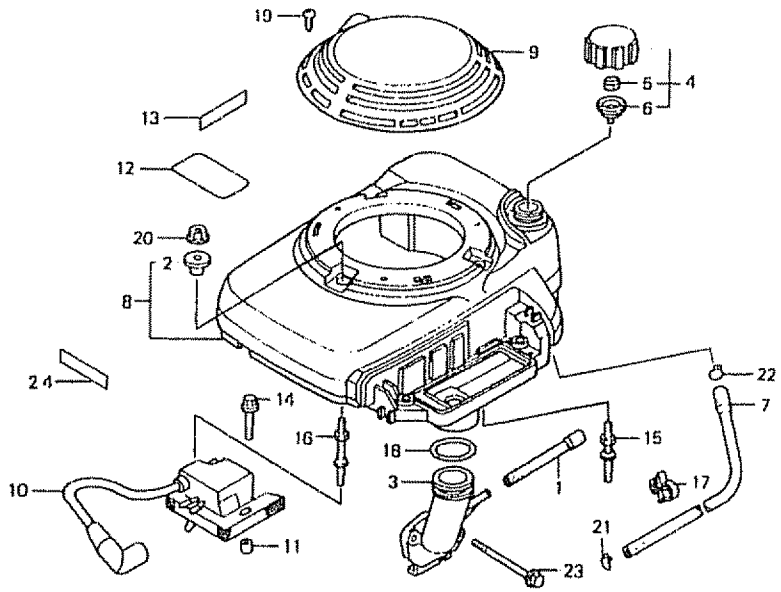
CARBURETOR

KEY PART NO. NO.	DESCRIPTION
1 4428827	Gasket Set
2 1441476	Valve Set, Float
3 1441492	Float Set
4 4428835	Chamber Set, Float
5 4219879	Screw Set
6 1441518	Screw Set B
7 3352671	Choke Set
8 4428843	Carburetor Assembly (BE53A A)
9 1441559	Screw, Throttle Stop
10 4428850	Nozzle, Main
11 3307311	Insulator, Carburetor
12 4224267	Packing, Carburetor (HPE)
13 2455640	Carburetor Spacer, Complete
14 4224275	Gasket, Carburetor
15 2580116	Lever, Valve
16 1807791	Plate, Lever Setting
17 1807809	Spring, Valve Lever
18 3440708	Gasket, Fuel Valve
19 2387090	Screw, Pan Head 3 x 8
20 4193397	Jet, Main #62
21 3683141	Jet Set, Pilot #40

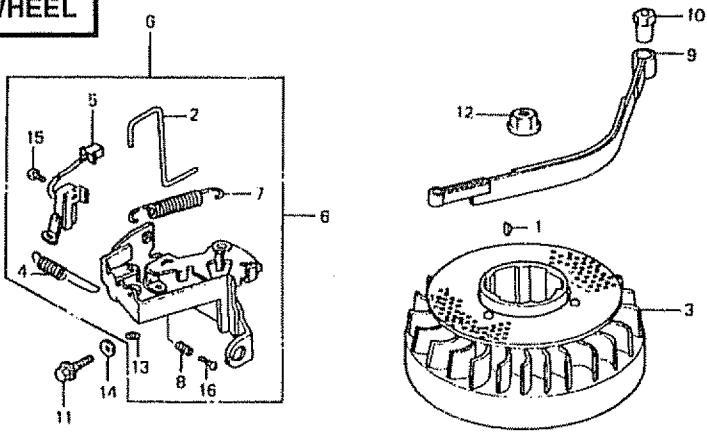
CAMSHAFT

KEY PART NO. NO.	DESCRIPTION
1 4327334	Camshaft Assembly
2 3337854	Rod, Push
3 1426824	Arm, Valve Rocker
4 1426832	Lifter, Valve Arm
5 4300901	Pivot, Rocker Arm
6 4327342	Spring, Weight Return
7 4428454	Valve, Intake
8 4428462	Valve, Exhaust
9 3683489	Spring, Valve
10 4544284	Retainer, Valve Spring
11 1929769	Plate, Push Rod Guide
12 1756964	Bolt, Pivot
13 1431287	Nut, Pivot Adjusting
14 4327557	Pin, Weight Center
15 4452355	Collar, Weight Center

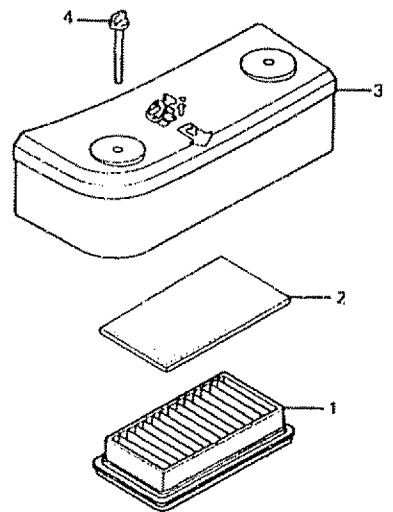
FAN COVER



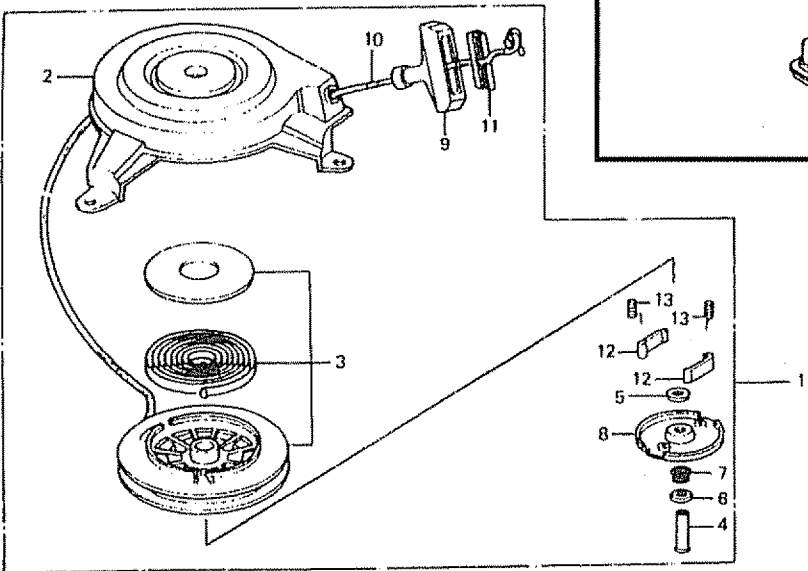
FLYWHEEL



AIR CLEANER



RECOIL STARTER



FAN COVER

KEY PART NO. NO.	DESCRIPTION
1 2580033	Tube Breather
2 2029346	Collar, Air Cleaner
3 4452488	Air Cleaner Elbow, Complete
4 2289833	Cap Assembly, Fuel Tank
5 0810341	Sponge, Fuel Cap Breather
6 2507689	Gasket, Fuel Cap
7 4469722	Tube, Fuel Tank
8 4536942	Fan Cover, Complete
9 4536967	Hood, Fan Cover, Black
10 4327490	Coil Assembly, Ignition
11 1024561	Collar, Roto-Stop
12 4722583	Decal, Emblem, 5.0
13 4722575	Decal, Honda
14 0636076	Bolt, Flange 6 x 32
15 4429015	Bolt, Stud, Brake
16 4429023	Bolt, Stud C
17 1064021	Clip B, Cable
18 4429056	O-Ring 33.3 x 3.5
19 4311718	Screw, Tapping 4 x 20
20 0471623	Nut, Flange 6 mm
21 0250647	Clip, Tube, B8
22 0250985	Clip, Tube, B10
23 2533883	Bolt, Flange 6 x 100
24 4722567	Decal, Craftsman

AIR CLEANER

KEY PART NO. NO.	DESCRIPTION
1 4327383	Element, Air Cleaner
2 4327391	Filter, Outer
3 4536983	Cover, Air Cleaner
4 4010146	Bolt, Air Cleaner 6 mm

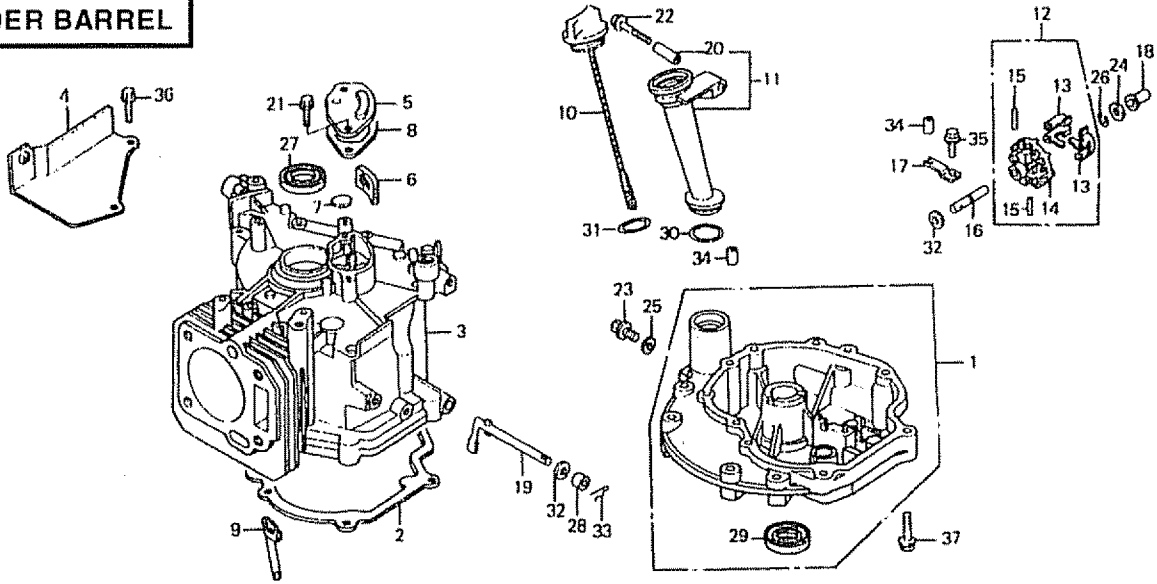
FLYWHEEL

KEY PART NO. NO.	DESCRIPTION
1 0348433	Key, Woodruff, Special 25 x 18
2 4428876	Rod, Governor Arm Return
3 4327508	Flywheel Assembly
4 4428892	Spring, Switch Control
5 4428900	Switch Assembly, Engine Stop
6 4428942	Lever Assembly, Brake
7 4428959	Spring, Brake Lever
8 4428967	Spring, Brake Adjusting
9 4327524	Brake, Complete
10 4428975	Collar, Brake Shaft
11 0747733	Bolt, Flange 6- x 16
12 0442038	Nut, Special 14 mm
13 4540647	Nut, Push, 2.6
14 0350215	Washer, Sealing 6.5 x 12
15 0156463	Screw, Pan Head 4 x 8
16 0173567	Screw, Pan Head 5 x 12

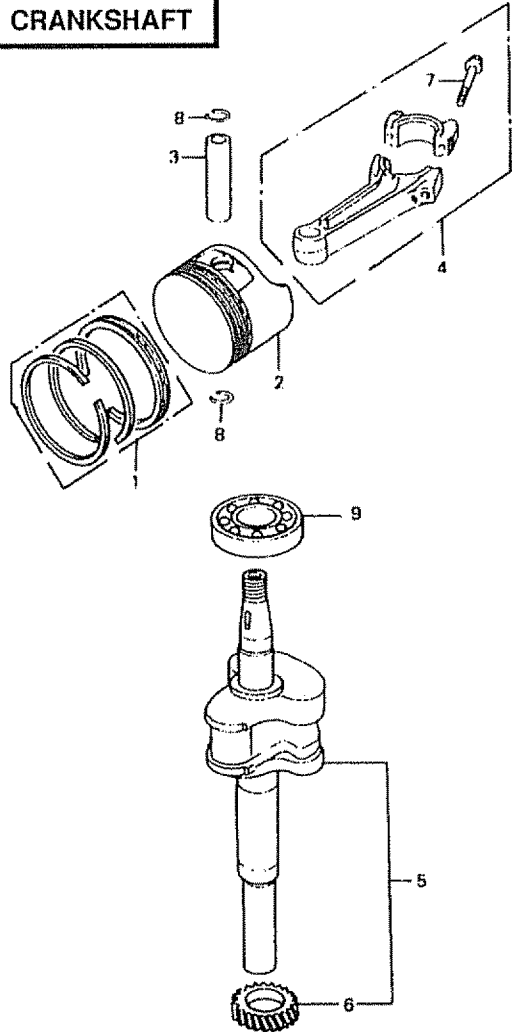
RECOIL STARTER

KEY PART NO. NO.	DESCRIPTION
1 4327409	Starter Assembly, Recoil
2 4327417	Housing Assembly
3 4327425	Pulley and Spring Assembly
4 4327433	Pin, Center
5 4327441	Plate A, Friction
6 4327458	Plate B, Friction
7 4327466	Spring, Friction
8 4327474	Retainer
9 3979887	Handle
10 4327482	Rope, Recoil Starter
11 3979879	Handle, Reinforcement
12 3979937	Ratchet Starter
13 3979929	Spring, Dog

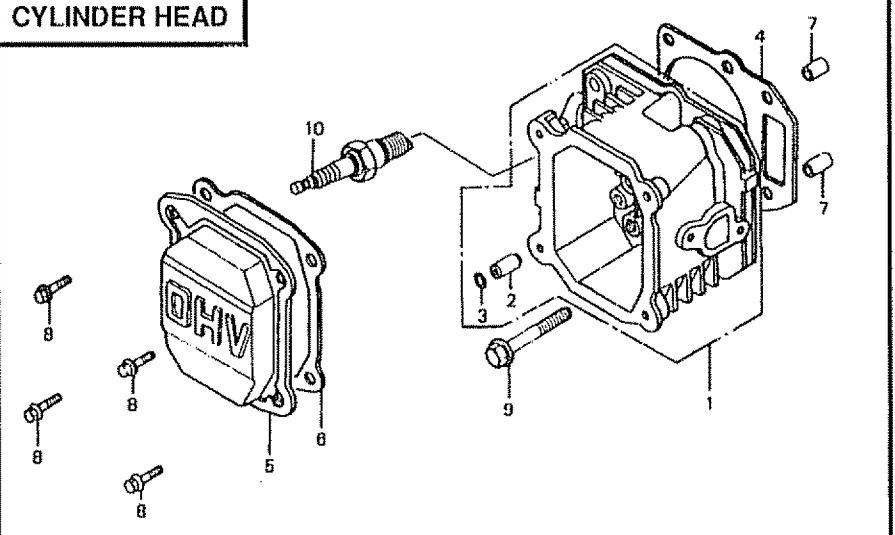
CYLINDER BARREL



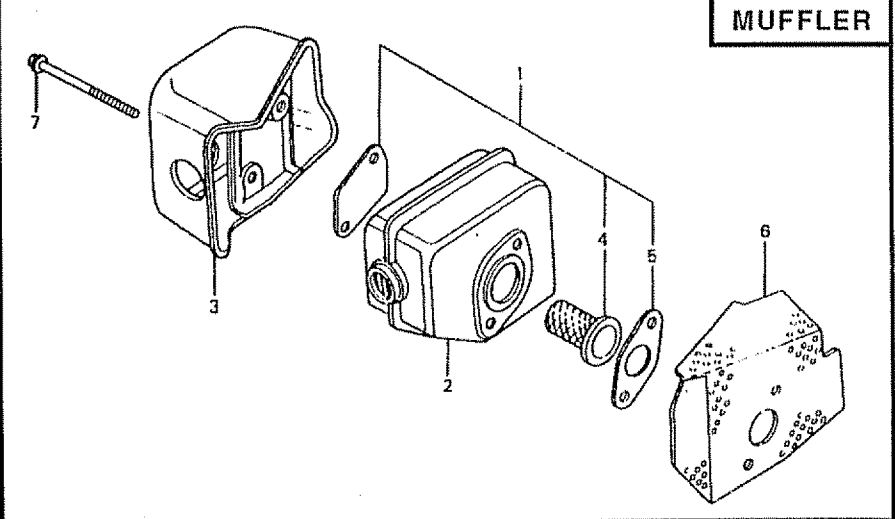
CRANKSHAFT



CYLINDER HEAD



MUFFLER



CYLINDER BARREL

KEY PART NO. NO.	DESCRIPTION
1 4722591	Pan Assembly, Oil
2 4224259	Gasket, Oil Pan
3 4459491	Barrel, Complete, Cylinder
4 3307287	Plate, Guide
5 1662535	Cap, Complete, Breather Chamber
6 2794402	Filter, Breather
7 0452151	Valve, Breather
8 1452622	Gasket, Breather Chamber
9 1825702	Pipe, Oil Defense
10 3337862	Gauge, Complete, Oil Level
11 3337870	Extension, Oil Filler
12 3337904	Governor Assembly
13 1427228	Weight, Governor
14 1452846	Holder, Governor Weight
15 1427244	Pin, Governor Weight
16 1452853	Shaft, Governor Holder
17 3337912	Plate, Governor Shaft Holder
18 1427251	Slider, Governor
19 2289643	Shaft, Governor Arm
20 1453000	Collar, Extension
21 0803619	Bolt, Flange 6 x 14
22 0636076	Bolt, Flange 6 x 32
23 1431246	Bolt, Drain Plug
24 1106764	Washer, Thrust 6 mm
25 1436583	Washer, Drain Plug 10.2 mm
26 2456697	Clip, Governor Holder
27 3270246	Oil Seal 22 x 35 x 6
28 0801043	Seal, Oil 6 x 11 x 4
29 0671628	Oil Seal 25 x 38 x 7 (ARAI)
30 2280006	O-Ring 22.5 x 2.2
31 0065185	O-Ring 26 x 2.7
32 0345900	Washer, Plain 6 mm
33 0115527	Pin, Lock 8 mm
34 0069310	Pin A, Dowel 8 x 14
35 2170793	Bolt, Flange 6 x 12
36 2105815	Bolt, Flange 6 x 20
37 2105849	Bolt, Flange 6 x 28

MUFFLER

KEY PART NO. NO.	DESCRIPTION
1 4165866	Kit, Spark Arrester
2 4060844	Muffler, Complete
3 4223954	Muffler Protector, Complete
4 0672253	Arrester, Spark
5 4165932	Gasket, Muffler
6 4010120	Gasket, Muffler
7 3378064	Bolt, Flange 6 x 85

CRANKSHAFT

KEY PART NO. NO.	DESCRIPTION
1 4222303	Ring Set, Piston, Standard Size
4222311	Ring Set, Piston, 0.25 Oversize
4222329	Ring Set, Piston, 0.50 Oversize
4222337	Ring Set, Piston, 0.75 Oversize
2 3307303	Piston, Standard Size
3613767	Piston, 0.25 Oversize
3613775	Piston, 0.50 Oversize
3613783	Piston, 0.75 Oversize
3 1426576	Pin, Piston
4 3214913	Rod, Assembly, Connecting
5 4428819	Crankshaft, Complete
6 1452705	Gear, Timing
7 1431055	Bolt, Connecting Rod
8 2605517	Clip, Piston Pin 13 mm
9 0442061	Bearing, Radial Ball, 62/22

CYLINDER HEAD

KEY PART NO. NO.	DESCRIPTION
1 4452470	Cylinder Head, Complete
2 1899848	Guide, Exhaust Valve, Oversize
3 2399780	Clip, Valve Guide
4 3337821	Gasket, Cylinder Head
5 4428165	Cover, Head
6 4311437	Gasket, Head Cover
7 0058206	Pin A, Dowel 10 x 16
8 2410884	Bolt, Flange 6 x 14
9 2935740	Bolt, Flange 8 x 50
10 1672443	Plug, Spark (BPR5ES NGK)

SEARS OWNER'S MANUAL

**MODEL NO.
917.376370**

IF YOU NEED REPAIR SERVICE OR PARTS:

FOR REPAIR SERVICE, CALL
THIS TOLL FREE NUMBER:

1-800-4-REPAIR
(1-800-473-7247)

FOR REPLACEMENT PARTS
INFORMATION AND
ORDERING, CALL THIS
TOLL FREE NUMBER:

1-800-FON-PART
(1-800-366-7278)

CRAFTSMAN®

5.0 HORSEPOWER 22" REAR DISCHARGE 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 your engine will be found on the blower housing of the engine.

All parts listed herein may be ordered from any Sears, Roebuck and Co. Service Center/Department and most Retail Stores.

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION:

- **PRODUCT - LAWN MOWER**
- **MODEL NUMBER - 917.376370**
- **ENGINE MODEL NO. - GXV140A1KY**
- **PART NUMBER**
- **PART DESCRIPTION**

Your Sears merchandise has added value when you consider Sears has service units nationwide staffed with Sears trained technicians... professional technicians specifically trained to insure that we meet our pledge to you, we service what we sell.