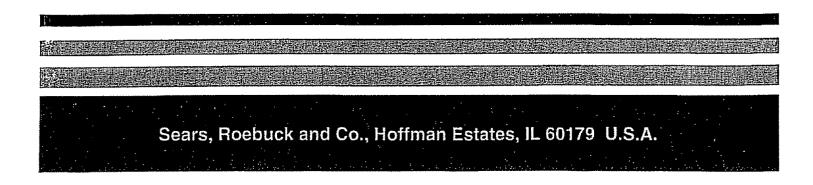


- Assembly
- Operation
- Customer Responsibilities
- Service
- Adjustments
- Repair Parts

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



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SAFETY RULES Safe Operation Practices for Ride-On Mowers



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

I. GENERAL OPERATION

- Read, understand, and follow all instructions in the manual and on the machine before starting.
- Only allow responsible adults, who are familiar with the instructions, to operate the machine.
- Clear the area of objects such as rocks, toys, wire, etc., which could be picked up and thrown by the blade.
- Be sure the area is clear of other people before mowing. Stop machine if anyone enters the area.
- Never carry passengers.
- Do not mow in reverse unless absolutely necessary. Always look down and behind before and while backing.
- Be aware of the mower discharge direction and do not point it at anyone. Do not operate the mower without either the entire grass catcher or the guard in place.
- Slow down before turning.
- Never leave a running machine unattended. Always turn off blades, set parking brake, stop engine, and remove keys before dismounting.
- Turn off blades when not mowing.
- Stop engine before removing grass catcher or unclogging chute.
- Mow only in daylight or good artificial light.
- Do not operate the machine while under the influence of alcohol or drugs.
- Watch for traffic when operating near or crossing roadways.
- Use extra care when loading or unloading the machine into a trailer or truck.

II. SLOPE OPERATION

Slopes are a major factor related to loss-of-control and tipover accidents, which can result in severe injury or death. All slopes require extra caution. If you cannot back up the slope or if you feel uneasy on it, do not mow it.

DO:

- Mow up and down slopes, not across.
- Remove obstacles such as rocks, tree limbs, etc.
- Watch for holes, ruts, or bumps. Uneven terrain could overturn the machine. *Tall grass can hide obstacles.*
- Use slow speed. Choose a low gear so that you will not have to stop or shift while on the slope.
- Follow the manufacturer's recommendations for wheel weights or counterweights to improve stability.
- Use extra care with grass catchers or other attachments. These can change the stability of the machine.
- Keep all movement on the slopes slow and gradual. Do not make sudden changes in speed or direction.
- Avoid starting or stopping on a slope. If tires lose traction, disengage the blades and proceed slowly straight down the slope.

DO NOT:

- Do not turn on slopes unless necessary, and then, turn slowly and gradually downhill, if possible.
- Do not mow near drop-offs, ditches, or embankments. The mower could suddenly turn over if a wheel is over the edge of a cliff or ditch, or if an edge caves in.
- Do not mow on wet grass. Reduced traction could cause sliding.
- Do not try to stabilize the machine by putting your foot on the ground.
- Do not use grass catcher on steep slopes.

III. CHILDREN

Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the machine and the mowing activity. *Never* assume that children will remain where you last saw them.

- Keep children out of the mowing area and under the watchful care of another responsible adult.
- Be alert and turn machine off if children enter the area.
- Before and when backing, look behind and down for small children.
- Never carry children. They may fall off and be seriously injured or interfere with safe machine operation.
- Never allow children to operate the machine.
- Use extra care when approaching blind corners, shrubs, trees, or other objects that may obscure vision.

IV. SERVICE

- Use extra care in handling gasoline and other fuels. They are flammable and vapors are explosive.
 - Use only an approved container.
 - Never remove gas cap or add fuel with the engine running. Allow engine to cool before refueling. Do not smoke.
 - Never refuel the machine indoors.
 - Never store the machine or fuel container inside where there is an open flame, such as a water heater.
- Never run a machine inside a closed area.
- Keep nuts and bolts, especially blade attachment bolts, tight and keep equipment in good condition.
- Never tamper with safety devices. Check their proper operation regularly.
- Keep machine free of grass, leaves, or other debris build-up. Clean oil or fuel spillage. Allow machine to cool before storing.
- Stop and inspect the equipment if you strike an object. Repair, if necessary, before restarting.
- Never make adjustments or repairs with the engine running.
- Grass catcher components are subject to wear, damage, and deterioration, which could expose moving parts or allow objects to be thrown. Frequently check components and replace with manufacturer's recommended parts, when necessary.
- Mower blades are sharp and can cut. Wrap the blade(s) or wear gloves, and use extra caution when servicing them.
- Check brake operation frequently. Adjust and service as required.



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

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

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

MODEL NUMBER	917.255470
SERIAL NUMBER	

DATE OF PURCHASE

THE MODEL AND SERIAL NUMBERS WILL BE FOUND ON A PLATE UNDER THE SEAT.

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 unit.
- Follow the instructions under "Customer Responsibilities" and "Storage" sections of this owner's manual.

PRODUCT SPECIFICATIONS

14.0						
5 QUARTS UNLEADED REGULAR						
SAE 30 (Above 32°F) 5W-30 (Below 32°F)						
CHAMPION RC12YC						
INTAKE .003005 IN . EXHAUST .003005 IN.						
FORWARD 1st 1.01 MPH 2nd 2.08 MPH 3rd 3.12 MPH 4th 3.98 MPH 5th 5.10 MPH REVERSE: 1.50 MPH						
FRONT: 14 PSI REAR: 12 PSI						
3 AMPS BATTERY 5 AMPS HEADLIGHTS						

WARNING: This unit is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered or grass-covered land unless the engine's exhaust system is equipped with a spark arrester meeting applicable local or state laws (if any). If a spark arrester is used, it should be maintained in effective working order by the operator.

In the state of California the above is required by law (Section 4442 of the California Public Resources Code). Other states may have similar laws. Federal laws apply on federal lands. A spark arrester for the muffler is available through your nearest Sears Authorized Service Center (See REPAIR PARTS section of this manual).

LIMITED TWO YEAR WARRANTY ON ELECTRIC START RIDING EQUIPMENT

For two (2) years from the date of purchase, if this riding equipment is maintained, lubricated and tuned up according to the instructions in the owner's manual, Sears will repair or replace, free of charge, any parts found to be defective in material or workmanship.

This Warranty does not cover:

- Expendable items which become worn during normal use, such as blades, spark plugs, air cleaners and belts.
- Tire replacement or repair caused by punctures from outside objects, such as nails, thoms, stumps, or glass.
- Repairs necessary because of operator abuse, negligence, improper storage or accident or the failure to maintain the
 equipment according to the instructions contained in the owner's manual.
- Riding equipment used for commercial or rental purposes

LIMITED 90 DAY WARRANTY ON BATTERY

For 90 days from date of purchase, if any battery included with this riding equipment proves defective in material or workmanship and our testing determines the battery will not hold a charge, Sears will replace the battery at no charge.

WARRANTY SERVICE IS AVAILABLE BY RETURNING THE RIDING EQUIPMENT TO THE NEAREST SEARS SERVICE CENTER/DEPARTMENT IN THE UNITED STATES.

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

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

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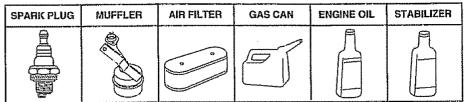
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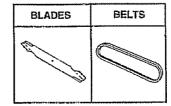
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These accessories and attachments were available when the tractor was purchased. I ney are also available at most bears retail outlets, catalog and service centers. Most Sears stores can order these items for you when you provide the model number of your tractor.

ENGINE



MAINTENANCE



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PERFORMANCE

Sears offers a wide variety of attachments that fit your tractor. Many of these are listed below with brief explanations of how they can help you. This list was current at the time of publication; however, it may change in future years - more attachments may be added, changes may be made in these attachments, or some may no longer be available or fit your model. Contact your nearest Sears store for the accessories and attachments that are available for your tractor.

Most of these attachments do not require additional hitches or conversion kits (those that do are indicated) and are designed for easy attaching and detaching.

PERMANEX BAGGER lets you collect grass clippings and leaves for a healthier, neater looking lawn. Two Permanex containers hold 30-gallon plastic bags.

LAWN SWEEPERS let you collect grass clippings and leaves.

LAWN VACS for powerful collection of heavy grass clippings and leaves. Wand attachment to pick up debris in hard-to-reach places.

CARTS make hauling easy. Variety of sizes available.

ROLLER for smoother lawn surface. 36-inch wide, 18-inch diameter water-tight drum holds up to 390 lbs. of weight. Rounded edges prevent harm to turf. Adjustable scraper automatically cleans drum.

SPREADER/SEEDERS make seeding, fertilizing, and weed killing easy. Broadcast spreaders are also useful for granular de-icers and sand.

CORING AERATOR takes small plugs out of soil to allow moisture and nutrients to reach grass roots. 36-inch swath. 24 hardened steel coring tips. 150 lb. capacity weight tray.

AERATOR promotes deep root growth for a healthy lawn. Tapered 2.5-inch steel spikes mounted on 10-inch diameter discs puncture holes in soil at close intervals to let moisture soak in. Steel weight tray for increased penetration.

MULCH RAKE/DETHATCHER loosens soil and flips thatch and matted leaves to lawn surface for easy pickup. Twenty spring line teeth. Useful to prepare bare areas for seeding. Available for front or rear mounling.

SPRAYERS use 12-volt DC electric motor that connects to the tractor battery or other 12-volt source. Includes booms for automatic spraying when pulling, and hand held wand for spot spraying. Wand has adjustable spray pattern. For applying herbicides, insecticides, fungicides, and liquid fertilizers.

SNOW BLADE for snow removal only. 14-inch high, 42-inch wide blade clears 38-inch path when angled left or right. Raises, lowers with side lever. Adjustable skids; replaceable, reversible scraper bar. (Use with tire chains, wheel weights, or rear drawbar weight.)

SNOWTHROWER has 40-inch swath. Drum-type auger handles powdery and wet/heavy snow. Mounts easily with simple pin arrangement. Discharge chute adjusts from tractor seat. 6-inch diameter spout discharges snow 10 to 50 feet. Lift controlled at tractor seat. (Use with chains, wheel weights, or rear drawbar weight.)

TIRE CHAINS are heavy duty; closely spaced extra-large cross links give smooth ride, outstanding traction.

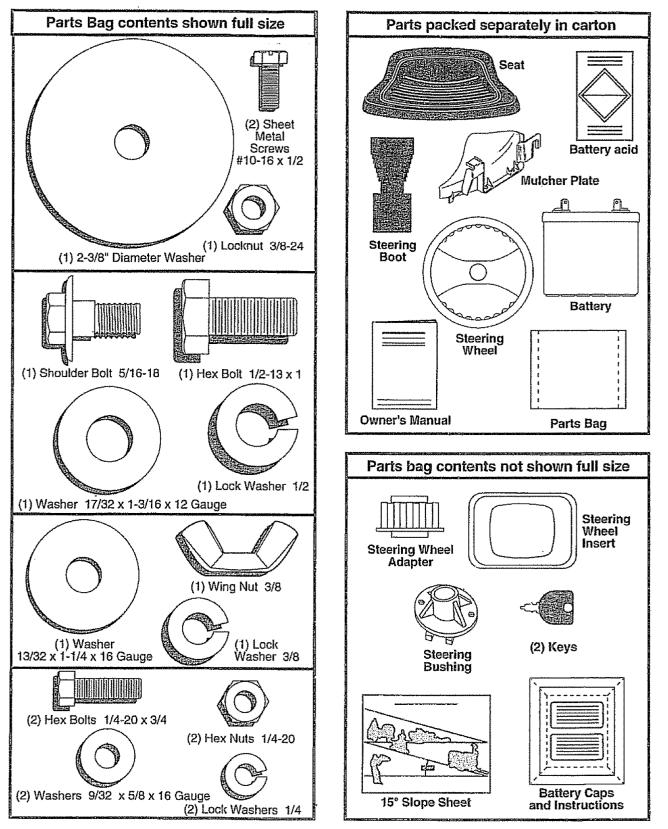
WHEEL WEIGHTS for rear wheels provide needed traction for snow removal or dozing heavy materials. In pairs. (30 lbs. each.)

TRACTOR CAB has heavy duty vinyl fabric over tubular steel frame, ABS plastic top; clear plastic windshield offers 360 degree visibility. Hinged metal doors with catch. Keeps operator warm and dry. Remove vinyl and windshields for use as sun protector in summer. (Catalog only.)

Optional accessories for tractor cab: tinted/tempered solid safety glass windshield with hand operated wiper, 12-volt amber caution light for mounting on cab top. (Catalog only.)

TRACTOR COVER protects tractor from weather. Made of Evolution 3 fabric (water-repellent, extremely breathable, light weight, soft, non-abrasive, pliable in all temperatures, durable, stain/tear/puncture resistant, will not shrink or stretch.) (Catalog only.)

TILLER has 5 hp engine and 36-inch swath to prepare seed beds, cultivate, and compost garden residue. Tiller has its own bullt-in lift and depth control system and does NOT require a sleeve hitch. Fils any lawn, yard, or garden tractor. Simply hook up to the tractor drawbar and gol



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Your new tractor has been assembled at the factory with exception of those parts left unassembled for shipping purposes. To ensure safe and proper operation of your tractor all parts and hardware you assemble must be tightened securely. Use the correct tools as necessary to insure proper tightness.

TOOLS REQUIRED FOR ASSEMBLY

A socket wrench set will make assembly easier. Standard wrench sizes are listed.

- (1) 5/16" wrench
- (2) 7/16" wrenches
- Tire pressure gauge Phillips Screwdriver

Utility knife

- (1) 3/4" wrench
- (1) 9/16" wrench

When right and left hand are mentioned in this manual, it means when you are in the operating position (seated behind the steering wheel).

TO REMOVE TRACTOR FROM CARTON

UNPACK CARTON

- Remove all accessible loose parts and parts cartons from carton (See page 6).
- Cut along lines on carton, from top to bottom, all four corners of carton and lay panels flat.
- Check for any additional loose parts or cartons and remove.

BEFORE ROLLING TRACTOR OFF SKID

ATTACH STEERING WHEEL (See Fig. 1)

- Slide the steering bushing over the steering shaft.
- Raise steering shaft forward until screw holes in dash line up with steering bushing. Install two (2) sheet metal screws and tighten securely.
- · Position steering boot over steering shaft.
- Align tabs of steering boot over slots and hole in dash and push down to secure.
- Slide steering wheel adapter onto upper steering shaft.
- Position front wheels of the tractor so they are pointing straight forward.
- Position steering wheel so cross bars are horizontal (left to right) and slide onto adapter.
- Assemble large flat washer and 3/8-24 hex locknut and tighten securely.
- Snap insert into center of steering wheel.
- · Remove protective plastic from tractor hood and grill.

IMPORTANT: CHECK FOR AND REMOVE ANY STAPLES IN SKID THAT MAY PUNCTURE TIRES WHERE TRACTOR IS TO ROLL OFF SKID.

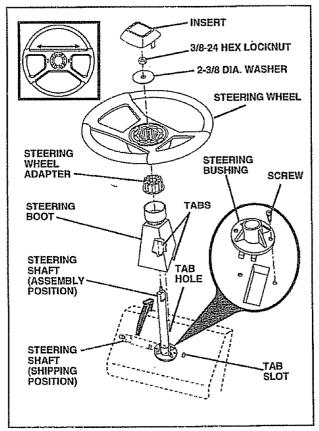


FIG. 1

TO ROLL TRACTOR OFF SKID (See Fig. 8)

- Raise attachment lift lever to its highest position.
- Release parking brake by depressing clutch/brake pedal.
- Place gearshift lever in "NEUTRAL" position.
- Roll tractor backwards off skid.
- Remove banding holding discharge guard up against tractor.

HOW TO SET UP YOUR TRACTOR

PREPARE BATTERY (See Fig. 2)



CAUTION: Wear eye and face shield. Wash hands or clothing immediately if accidentally in contact with battery acid. Do not smoke. Fumes from charged battery acid are explosive. Read the instructions included with the battery vent caps. Always wear gloves, clothing and goggles to protect your hands, skin and eyes.

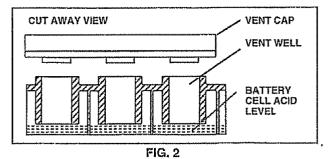
Your tractor has a battery charging system which is sufficient for normal use. However, periodic charging of the battery with an automotive charger will extend its life.

- See instructions packed with vent caps in parts bag.
- Fill battery with acid. Fill each cell until it reaches the bottom of the vent wells. Do not overfill.
- Allow battery to stand and settle for at least thirty minutes. After standing, check the level of acid. If below the vent wells, add more acid until the correct level is reached.

While battery is standing (after adding acid) and later, while battery is being charged, continue with assembly of tractor.

IMPORTANT: TO MAXIMIZE THE LIFE OF YOUR BATTERY, IT IS NECESSARY THAT THE BATTERY BE CHARGED BEFORE USE. FAILURE TO CHARGE BATTERY CAN RESULT IN A SHORTENED BATTERY LIFE.

- Charge battery at a rate of 6 amperes for 1 hour. Use a 12 volt battery charger. Observe all safety precautions required for battery charging.
- Check the acid level after the battery is charged. If the acid has fallen below the correct level, add distilled or iron free water.
- Install the vent caps to cover the vent wells. Wash the top of the battery with water to remove any acid, then wipe dry.
- Check battery case for leakage to make sure that no damage has occurred in handling.
- Dispose of excess battery acid. Neutralize acid for disposal by adding it to four inches of water in a five gallon plastic container. Stir with a wooden or plastic paddle while adding baking soda until the addition of more soda causes no more foaming.
- Follow instructions on how to install battery.



INSTALL SEAT (See Fig. 3)

Adjust seat before tightening adjustment bolt.

- Remove cardboard packing on seat pan.
- Place seat on pan and assemble shoulder bolt.
- Assemble adjustment bolt, lock washer and flat washer loosely. Do not tighten.
- Tighten shoulder bolt securely.
- Lower seat into operating position and sit on seat.
- Slide seat until a comfortable position is reached which allows you to press clutch/brake pedal all the way down (See Fig. 8).
- Get off seat without moving its adjusted position.
- Raise seat and tighten adjustment bolt securely.

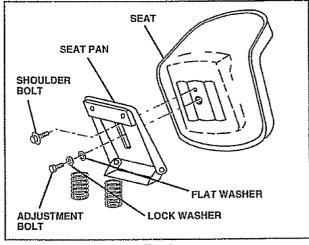


FIG. 3

CHECK TIRE PRESSURE

The tires on your tractor were overinflated at the factory for shipping purposes. Correct tire pressure is important for best cutting performance.

 Reduce tire pressure to PSI shown in "PRODUCT SPECIFICATIONS" on page 3 of this manual.

CHECK DECK LEVELNESS

For best cutting results, mower housing should be properly leveled. See "TO LEVEL MOWER HOUSING" in the Service and Adjustments section of this manual.

CHECK FOR PROPER POSITION OF ALL BELTS

See the figures that are shown for replacing motion and mower blade drive belts in the Service and Adjustments section of this manual. Verify that the belts are routed correctly.

CHECK BRAKE SYSTEM

After you learn how to operate your tractor, check to see that the brake is properly adjusted. See "TO ADJUST BRAKE" in the Service and Adjustments section of this manual.

INSTALL BATTERY (See Figs. 4 & 5)



CAUTION: Do not short battery terminals. Before installing battery, remove metal bracelets, wristwatch bands, rings, etc.

.

Positive terminal must be connected first to prevent sparking from accidental grounding.

- Lift seat to raised position.
- Open battery box door.
- Lower battery into battery box with battery terminals toward front of tractor.
- Be sure battery drain tube is attached to battery box.
- First connect RED battery cable to positive (+) battery terminal with hex bolt, flat washer, lock washer and hex nut as shown. Tighten securely.
- Connect BLACK grounding cable to negative (-) battery terminal with remaining hex bolt, flat washer, lock washer and hex nut. Tighten securely.
- Close battery box door.

Open battery box door for:

- Inspection for secure connections (to tighten hardware).
- Inspection for corrosion.
- Testing battery.
- Jumping (if required).
- Periodic charging .

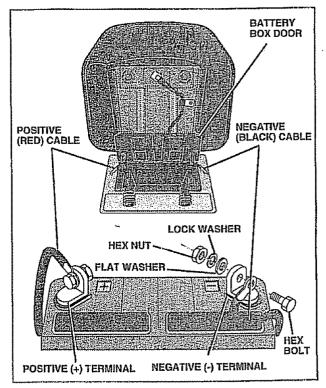


FIG.4

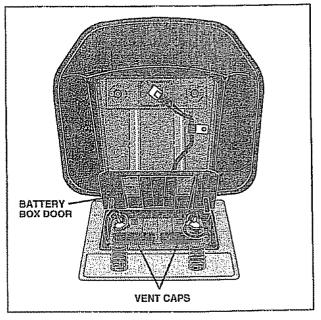


FIG. 5

INSTALL MULCHER PLATE (See Figs. 6 & 7)



CAUTION: Do not remove discharge guard from mower. Raise and hold guard when attaching mulcher plate and allow it to rest on plate while in operation.

- Raise and hold deflector shield in the upright position.
- Ø Position alignment cup over rear baffle.
- Pivot mulcher plate forward and hook on mounting bolt. Be sure hang tab hooks top of deck opening.
- Assemble flat washer, lock washer and wing nut to mounting bolt and tighten securely.

TO CONVERT TO BAGGING OR DISCHARGING

Simply remove mulcher plate and store in a safe place. Your mower is now ready for discharging or installation of optional grass catcher accessory.

NOTE: If discharging or bagging results are unsatisfactory with mulcher blades on mower, remove the mulcher blades and install high performance discharging blades, which are available at Retail and Catalog stores (See MOWER in Repair Parts section of this manual).

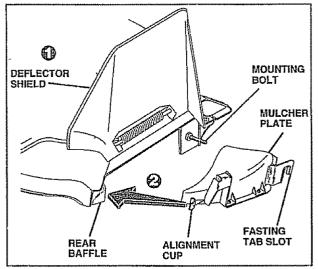


FIG. 6

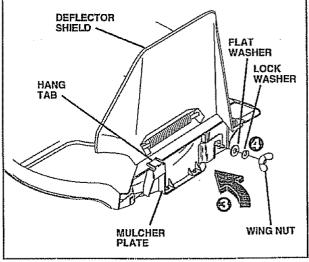


FIG. 7

✓ CHECKLIST

BEFORE YOU OPERATE AND ENJOY YOUR NEW TRACTOR, WE WISH TO ASSURE THAT YOU RECEIVE THE BEST PERFORMANCE AND SATISFACTION FROM THIS QUALITY PRODUCT.

PLEASE REVIEW THE FOLLOWING CHECKLIST:

- All assembly instructions have been completed.
- No remaining loose parts in carton.
- Battery is properly prepared and charged. (Minimum 1 hour at 6 amps).
- / Seat is adjusted comfortably and tightened securely.
- All tires are properly inflated. (For shipping purposes, the tires were overinflated at the factory).
- Be sure mower deck is properly leveled side-to-side/ front-to-rear for best cutting results. (Tires must be properly inflated for leveling).
- Check mower and drive belts. Be sure they are routed properly around pulleys and inside all belt keepers.
- Check wiring. See that all connections are still secure and wires are properly clamped.

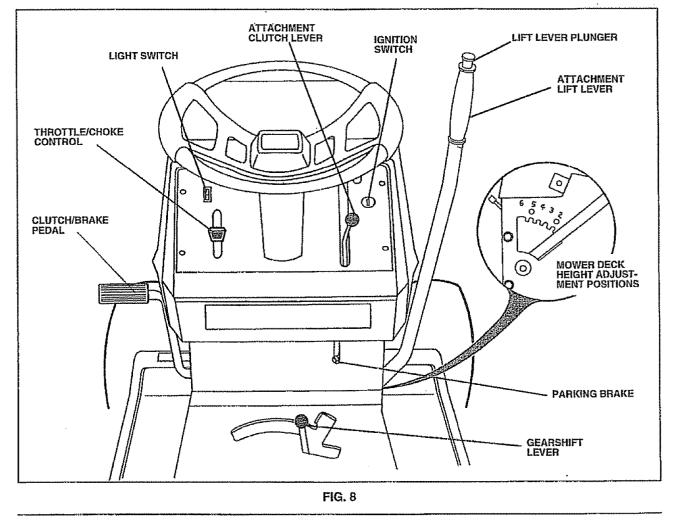
WHILE LEARNING HOW TO USE YOUR TRACTOR, PAY EXTRA ATTENTION TO THE FOLLOWING IMPORTANT ITEMS:

- Engine oil is at proper level.
- Fuel tank is filled with fresh, clean, regular unleaded gasoline.
- Become familiar with all controls their location and function. Operate them before you start the engine.
- Be sure brake system is in safe operating condition.

KNOW YOUR TRACTOR

READ THIS OWNER'S MANUAL AND SAFETY RULES BEFORE OPERATING YOUR TRACTOR

Compare the illustrations with your tractor to familiarize yourself with the locations of various controls and adjustments. Save this manual for future reference.



Sears tractors conform to the safety standards of the American National Standards Institute.

ATTACHMENT CLUTCH LEVER: Used to engage the mower blades, or other attachments mounted to your tractor.

LIGHT SWITCH: Turns the headlights on and off.

THROTTLE/CHOKE CONTROL: Used for starting and controlling engine speed.

CLUTCH/BRAKE PEDAL: Used for declutching and braking the tractor and starting the engine.

PARKING BRAKE: Locks clutch/brake pedal into the brake position.

GEARSHIFT LEVER: Selects the speed and direction of tractor.

ATTACHMENT LIFT LEVER: Used to raise, lower and adjust the mower deck or other attachments mounted to your tractor.

LIFT LEVER PLUNGER: Used to release attachment lift lever when changing its position.

IGNITION SWITCH: Used for starting and stopping the engine.



The operation of any tractor 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 tractor or performing any adjustments or repairs. We recommend wide vision safety mask for over the spectacles or standard safety glasses, available at Sears Retail or Catalog stores.

HOW TO USE YOUR TRACTOR

TO SET PARKING BRAKE (See Fig. 9)

Your tractor is equipped with an operator presence sensing switch. When engine is running, any attempt by the operator to leave the seat without first setting the parking brake will shut of the engine.

- Depress clutch/brake pedal into full "BRAKE" position and hold.
- Place parking brake lever in "ENGAGED" position and release pressure from clutch/brake pedal. Pedal should remain in "BRAKE" position. Make sure parking brake will hold tractor secure.

STOPPING (See Fig. 9)

MOWER BLADES -

 Move attachment clutch lever to "DISENGAGED" position.

GROUND DRIVE -

- Depress clutch/brake pedal into full "BRAKE" position.
- Move gearshift lever to "NEUTRAL" position.

ENGINE -

Move throttle control to "SLOW" position.

NOTE: Failure to move throttle control to "SLOW" position and allowing engine to idle before stopping may cause engine to "backfire".

- Turn ignition key to "OFF" position and remove key. Always remove key when leaving tractor to prevent unauthorized use.
- Never use choke to stop engine.

NOTE: Under certain conditions when tractor is standing idle with the engine running, hot engine exhaust gasses may cause "browning" of grass. To eliminate this possibility, always stop engine when stopping tractor on grass areas.



CAUTION: Always stop tractor completely, as described above, before leaving the operator's position; to empty grass catcher, etc.

TO USE THROTTLE CONTROL (See Fig. 9)

Always operate engine at full throttle.

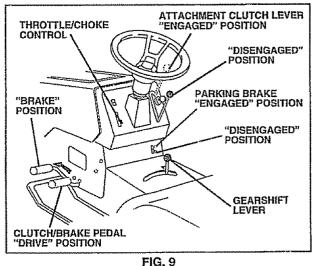
- Operating engine at less than full throttle reduces the battery charging rate.
- Full throttle offers the best bagging and mower performance.

TO MOVE FORWARD AND BACKWARD (See Fig. 9)

The direction and speed of movement is controlled by the gearshift lever.

- Start tractor with clutch/brake pedal depressed and gearshift lever in "NEUTRAL" position.
- Move gearshift lever to desired position.
- Slowly release clutch/brake pedal to start movement.

IMPORTANT: BRING TRACTOR TO A COMPLETE STOP BEFORE SHIFTING OR CHANGING GEARS. FAILURE TO DO SO WILL SHORTEN THE USEFUL LIFE OF YOUR TRANSAXLE.



TO ADJUST MOWER CUTTING HEIGHT (See Fig. 8)

The position of the attachment lift lever determines the cutting height.

- Grasp lift lever.
- Press plunger with thumb and move lever to desired position.

The cutting height range is approximately 1-1/2 to 4". The heights are measured from the ground to the blade tip with the engine not running. These heights are approximate and may vary depending upon soil conditions, height of grass and types of grass being mowed.

- The average lawn should be cut to approximately 2-1/2 inches during the cool season and to over 3 inches during hot months. For healthier and better looking lawns, mow often and after moderate growth.
- For best cutting performance, grass over 6 inches in height should be mowed twice. Make the first cut relatively high; the second to desired height.

TO OPERATE MOWER (See Fig. 10)

Your tractor is equipped with an operator presence sensing switch. Any attempt by the operator to leave the seat with the engine running and the mower clutch engaged will shut off the engine.

- Select desired height of cut.
- Start mower blades by engaging attachment clutch control.
- TO STOP MOWER BLADES disengage attachment clutch control.



CAUTION: Do not operate the mower without either the entire grass catcher, on mowers so equipped, or the discharge guard in place.

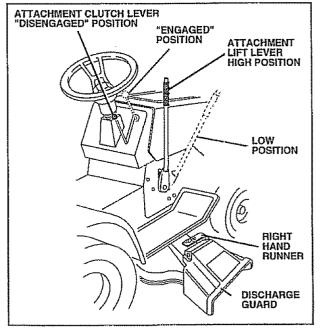


FIG. 10

TO OPERATE ON HILLS



CAUTION: Do not drive up or down hills with slopes greater than 15° and do not drive across any slope.

- Choose the slowest speed before starting up or down hills.
- Avoid stopping or changing speed on hills.
- If slowing is necessary, move throttle control lever to slower position.
- If stopping is absolutely necessary, push clutch/brake pedal quickly to brake position and engage parking brake.

- Move gearshift lever to 1st gear and be sure you have allowed room for tractor to roll slightly as you restart movement.
- To restart movement, slowly release parking brake and clutch/brake pedal.
- Make all turns slowly.

TO TRANSPORT

- Raise attachment lift control to highest position.
- When pushing or towing your tractor, be sure gearshift lever is in "NEUTRAL" position.
- Do not push or tow tractor at more than five (5) MPH.

NOTE: To protect hood from damage when transporting your tractor on a truck or a trailer, be sure hood is closed and secured to tractor. Use an appropriate means of tying hood to tractor (rope, cord, etc.).

BEFORE STARTING THE ENGINE

CHECK ENGINE OIL LEVEL (See Fig. 16)

- The engine in your tractor has been shipped from the factory already filled with summer weight oil.
- Check engine oil with tractor on level ground.
- Remove oil fill dipstick and wipe clean, replace and screw cap tight, wait for a few seconds, remove and read oil level. If necessary, add oil until "FULL" mark on dipstick is reached. Do not overfill.
- For cold weather operation you should change oil for easier starting (see "OIL VISCOSITY CHART" in the Customer Responsibilities section of this manual).
- To change engine oil, see the Customer Responsibilities section in this manual.

ADD GASOLINE

 Fill fuel tank. Use fresh, clean, regular unleaded gasoline. (Use of leaded gasoline will increase carbon and lead oxide deposits and reduce valve life).

IMPORTANT: WHEN OPERATING IN TEMPERATURES BELOW 32°F(0°C), USE FRESH, CLEAN WINTER GRADE GASOLINE TO HELP INSURE GOOD COLD WEATHER STARTING.

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 gas tank, start the engine and let it run until the fuel lines and carburetor are empty. Use fresh fuel next season. See Storage Instructions for additional information. Never use engine or carburetor cleaner products in the fuel tank or permanent damage may occur.



CAUTION: Fill to bottom of gas tank filler neck. Do not overfill. Wipe off any spilled oil or fuel. Do not store, spill or use gasoline near an open flame.

TO START ENGINE (See Fig. 9)

When starting engine for the first time or if engine has run out of fuel, it will take extra cranking time to move fuel from the tank to the engine.

- Depress the clutch/brake pedal and set the parking brake.
- Place gearshift lever in "NEUTRAL" position.
- Move attachment clutch to "DISENGAGED" position.
- Move throttle control lever to "CHOKE" position for cold engine start. For warm engine start, move throttle control to "FAST" position.
- Turn ignition key clockwise to "START" position and release key as soon as engine starts. Do not run starter continuously for more than fifteen seconds per minute. If engine does not start after several attempts, move throttle control to "FAST" position, wait a few minutes and try again.
- When engine starts, move throttle control to desired position.
- Allow engine to warm up for a few minutes before engaging drive or attachment clutch.

NOTE: If at a high altitude (above 3000 feet) or in cold temperatures (below 32° F), the carburetor fuel mixture may need to be adjusted for best engine performance. See "TO ADJUST CARBURETOR" in the Service and Adjustments section of this manual.

MOWING TIPS

- Tire chains cannot be used when the mower housing is attached to tractor.
- Mower should be properly leveled for best mowing performance. See "TO LEVEL MOWER HOUSING" in the Service and Adjustments section of this manual.
- The left hand side of mower should be used for trimming.
- Drive so that clippings are discharged onto the area that has been cut. Have the cut area to the right of the tractor. This will result in a more even distribution of clippings and more uniform cutting.
- When mowing large areas, start by turning to the right so that clippings will discharge away from shrubs, fences, driveways, etc. After one or two rounds, mow in the opposite direction making left hand turns until finished (See Fig. 11).
- If grass is extremely tall, it should be mowed twice to reduce load and possible fire hazard from dried clippings. Make first cut relatively high; the second to the desired height.
- Do not mow grass when it is wet. Wet grass will plug mower and leave undesirable clumps. Allow grass to dry before mowing.
- Always operate engine at full throttle when mowing to assure better mowing performance and proper discharge of material. Regulate ground speed by selecting a low enough gear to give the mower cutting performance as well as the quality of cut desired.

 When operating attachments, select a ground speed that will suit the terrain and give best performance of the attachment being used.

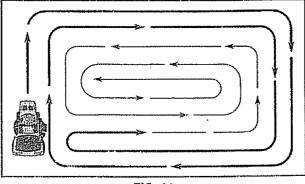


FIG. 11

MULCHING MOWING TIPS

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

- 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 mower cutting height so that the mower cuts off only the top one-third of the grass blades (See Fig. 12). For extremely heavy mulching, reduce your width of cut and mow slowly.
- Certain types of grass and grass conditions may require that an area be mulched a second time to completely hide the clippings. When doing a second cut, mow across or perpendicular to the first cut path.
- Change your cutting pattern from week to week. Mow north to south one week then change to east to west the next week. This will help prevent matting and graining of the lawn.

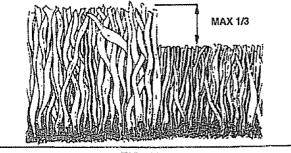


FIG. 12

FIL AS	AINTENANCE SCHEDULE L IN DATES YOU COMPLETE GULAR SERVICE	E	EFORE	EACHINE ACHINE	HURS HURS EVERY B	HOURS	SHOURS VERY S	NHOUP VERY 1	NERY B	EASON EFORE	SER	3E VICE	DATE	S
	Check Brake Operation	4		61										
	Check Tire Pressure	81		6/						1				
T	Check for Loose Fasteners	V							8/					
R	Sharpen/Replace Mower Blades				64									
A C	Lubrication Chart				B/				8/	1				
Ť	Check Battery Level/Recharge				Barr									
0	Clean Battery and Terminals				4				B					
R	Check Transaxle Cooling				6m					1				
	Adjust Blade Belt(s) Tension			1			6/5			1				
	Adjust Motion Drive Belt(s) Tension	1					6/5		1					
	Check Engine Oli Level	6.		6/			T			I				
	Change Engine Oll		6/	1	V12.3		1		61					
E	Clean Air Filter				1/2				1					Ī
с N	Clean Air Screen		1	1	V2				1					
G	Inspect Muller/Spark Arrester		1	1	1	8				1				
1	Replace Oil Filter (If equipped)		1	1			1.2	1						
N E	Clean Engine Cooling Fins		1	1			1/2		1					
E	Replace Spark Plug		1	I	1		-	Bar	T					
	Replace Air Filler Paper Cartridge		1	1			V2		1	1.		T		
	Replace Fuel Filter		1					8/	1	l				

Change more often when operating under a heavy load or in high ambient temperatures.
 Service more often when operating in dirty or dusty conditions

3 - If equipped with oil filter, change oil every 50 hours.
 4 - Replace blades more often when mowing in sandy soil

5 - If equipped with adjustable system

GENERAL RECOMMENDATIONS

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

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

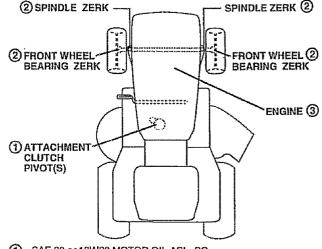
All adjustments in the Service and Adjustments section of this manual should be checked at least once each season.

 Once a year you should replace the spark plug, clean or replace air filter, and check blades and belts for wear. A new spark plug and clean air filter assure proper air-fuel mixture and help your engine run better and last longer.

BEFORE EACH USE

- Check engine oil level.
- Check brake operation.
- Check tire pressure.
- Check for loose fasteners.

LUBRICATION CHART



- (1) SAE 30 or 10W30 MOTOR OIL API SG
- (2) GENERAL PURPOSE GREASE
- 3 REFER TO CUSTOMER RESPONSIBILITIES "ENGINE" SECTION

IMPORTANT: DO NOT OIL OR GREASE THE PIVOT POINTS WHICH HAVE SPECIAL NYLON 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.

IKACTOR

Always observe safety rules when performing any maintenance.

BRAKE OPERATION

If tractor requires more than six (6) feet stopping distance at high speed in highest gear, then brake must be adjusted. (See "TO ADJUST BRAKE" in the Service and Adjustments section of this manual).

TIRES

- Maintain proper air pressure in all tires (See "PROD-UCT SPECIFICATIONS" on page 3 of this manual).
- 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

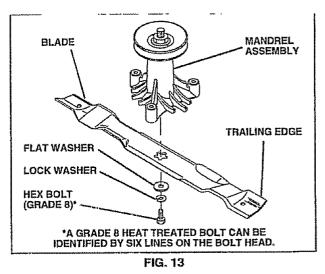
For best results mower blades must be kept sharp. Replace bent or damaged blades.

BLADE REMOVAL (See Fig. 13)

- Raise mower to highest position to allow access to blades.
- Remove hex bolt, lock washer and flat washer securing blade.
- Install new or resharpened blade with trailing edge up towards deck as shown.
- Reassemble hex bolt, lock washer and flat washer in exact order as shown.
- Tighten bolt securely (30-35 Ft. Lbs. torque).

IMPORTANT: BLADE BOLT IS GRADE 8 HEAT TREATED.

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

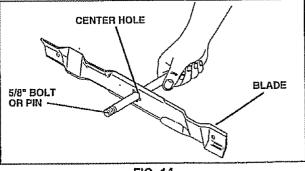


TO SHARPEN BLADE (See Fig. 14)

Care should be taken to keep the blade balanced. An unbalanced blade will cause excessive vibration and eventual damage to mower and 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, you will need a 5/8" diameter steel bolt, pin, or a cone balancer. (When using a cone balancer, follow the instructions supplied with balancer).
- Slide blade on to an unthreaded portion of the steel bolt or pin and hold the bolt or pin parallel with the ground. 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.

NOTE: Do not use a nail for balancing blade. The lobes of the center hole may appear to be centered, but are not.



BALLERY (See FIG. 15)

Your tractor has a battery charging system which is sufficient for normal use. However, periodic charging of the battery with an automotive charger will extend it's life.

- Acid solution level in each battery cell should be even with bottoms of vent wells. Add only distilled or iron free water if necessary. Do not overfill.
- Keep battery and terminals clean.
- Keep battery bolts tight.
- Keep vent caps tight and small vent holes in caps open.
- Recharge at 6 amperes for 1 hour.

TO CLEAN BATTERY AND TERMINALS -

Corrosion and dirt on the battery and terminals can cause the battery to "leak" power.

- Open battery box door.
- Disconnect BLACK battery cable first then RED battery cable and remove battery from tractor.
- Wash battery with solution of four tablespoons of baking soda to one gallon of water. Be careful not to get the soda solution into the cells.
- Rinse the battery with plain water and dry.
- Clean terminals and battery cable ends with wire brush until bright.
- Coat terminals with grease or petroleum jelly.
- Reinstall battery (See "INSTALL BATTERY" in the Assembly section of this manual).

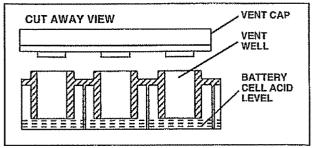


FIG. 15

V-BELTS

Check V-belts for deterioration and wear after 100 hours of operation and replace if necessary. The belts are not adjustable. Replace belts if they begin to slip from wear.

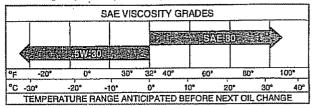
TRANSAXLE COOLING

Keep transaxle free from build-up of dirt and chaff which can restrict cooling.

ENGINE

LUBRICATION

Only use high quality detergent oil rated with API service classification 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 tractor is not used for 25 hours in one year.

Check the crankcase oil level before starting the engine and after each eight (8) hours of continuous use. Tighten oil fill cap/dipstick securely each time you check the oil level.

TO CHANGE ENGINE OIL (See Fig. 16) -

- Be sure tractor is on a level surface.
- Oil will drain more freely when warm.
- Catch oil in a suitable container.
- Remove oil fill dipstick. Be careful not to allow dirt to enter the engine when changing oil.
- Remove drain plug.
- After oil has drained completely, replace oil drain plug and tighten securely.
- Refill engine with oil through oil fill dipstick tube. Pour slowly. Do not overfill. For approximate capacity see "PRODUCT SPECIFICATIONS" on page 3 of this manual.
- Use gauge on oil fill dipstick for checking level. Be sure dipstick cap is tightened securely for accurate reading. Keep oil at "FULL" line on dipstick.

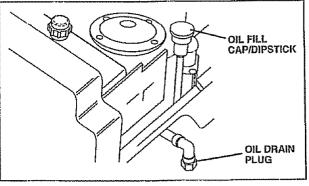


FIG. 16

MIN FILIEN (DEE FIY. 1/)

Your engine will not run properly using a dirty air filter. Clean the foam pre-cleaner element after every 25 hours of operation or every season. Service paper cartridge every 100 hours of operation or every season, which ever occurs first.

Service air cleaner more often under dusty conditions.

· Remove knob(s) and cover.

TO SERVICE PRE-CLEANER -

- Slide foam pre-cleaner off cartridge.
- 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.
- Reinstall pre-cleaner over cartridge.
- Reinstall cover and secure with knob(s).

TO SERVICE CARTRIDGE -

- Remove cartridge nut.
- Remove cartridge and clean by tapping gently on flat surface.
- If very dirty, replace or wash in a nonsudsing detergent and warm water solution. Rinse thoroughly with water from inside out until water runs clear. Let cartridge dry thoroughly before using.
- Reinstall cartridge, nut, precleaner, cover and secure with knob(s).

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.

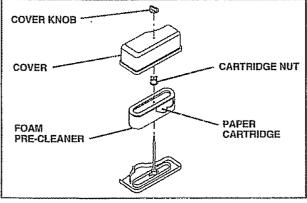


FIG. 17

AIR SUREEN (See FIG. 10)

The engine air screen must be kept free of dirt and chaff to prevent engine damage from overheating. Clean with a wire brush or compressed air to remove dirt and stubborn dried gum fibers.

ENGINE COOLING FINS (See Fig. 18)

Remove any dust, dirt or oil from engine cooling fins to prevent engine damage from overheating.

- Remove oil fill dipstick and cover opening to prevent entry of dirt.
- Remove screws from blower housing and lift housing off engine.
- Remove the screws securing the starter housing and lift housing off engine.
- Use compressed air or stiff bristle brush to thoroughly clean engine cooling fins.
- To reassemble, reverse above procedure.

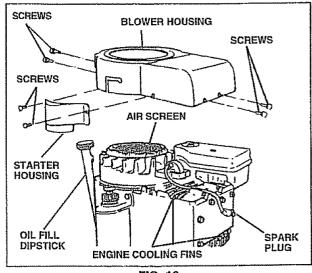


FIG. 18

MUFFLER

Inspect and replace corroded muffler and spark arrester (if equipped) as it could create a fire hazard and/or damage.

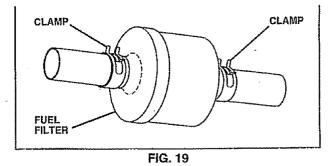
SPARK PLUGS

Replace spark plugs at the beginning of each mowing season or after every 100 hours of operation, whichever comes first. Spark plug type and gap setting are shown in "PRODUCT SPECIFICATIONS" on page 3 of this manual,

IN-LINE FUEL FILTER (See Fig. 19)

The fuel filter should be replaced once each season. If fuel filter becomes clogged, obstructing fuel flow to carburetor, replacement is required.

- With engine cool, remove filter and plug fuel line sections.
- Place new fuel filter in position in fuel line.
- Be sure there are no fuel line leaks and clamps are properly positioned.
- Immediately wipe up any spilled gasoline.



CLEANING

- Clean engine, battery, seat, finish, etc. of all foreign matter.
- Keep finished surfaces and wheels free of all gasoline, oil, etc.
- Protect painted surfaces with automotive type wax.

We do not recommend using a garden hose to clean your tractor unless the electrical system, muffler, air filter and carburetor are covered to keep water out. Water in engine can result in a shortened engine life.

CAUTION: BEFORE PERFORMING ANY SERVICE OR ADJUSTMENTS:

- Depress clutch/brake pedal fully and set parking brake.
- · Place gearshift lever in "NEUTRAL" position.
- Place attachment clutch in "DISENGAGED" position.
- Turn ignition key "OFF" and remove key.
- Make sure the blades and all moving parts have completely stopped.
- Disconnect spark plug wire from spark plug and place wire where it cannot come in contact with plug.

TRACTOR

TO REMOVE MOWER (See Fig. 20)

Mower will be easier to remove from the right side of tractor.

- Place attachment clutch in "DISENGAGED" position.
- Move attachment lift lever forward to lower mower to its lowest position.
- Roll belt off engine pulley.
- Disconnect clutch rod from clutch lever by removing retainer spring.
- Disconnect anti-sway bar from chassis bracket by removing retainer spring.
- Disconnect suspension arms from rear deck brackets by removing retainer springs.
- Disconnect front links from deck by removing retainer springs.
- Raise lift lever to raise suspension arms. Slide mower
 out from under tractor.

IMPORTANT: IF AN ATTACHMENT OTHER THAN THE MOWER IS TO BE MOUNTED TO THE TRACTOR, THE R.H. AND L.H. SUSPENSION ARMS MUST BE REMOVED FROM TRACTOR.

TO INSTALL MOWER (See Fig. 20)

- Raise attachment lift lever to its highest position.
- Slide mower under tractor with discharge guard to right side of tractor.
- Lower lift lever to its lowest position.
- Install mower in reverse order of removal instructions.

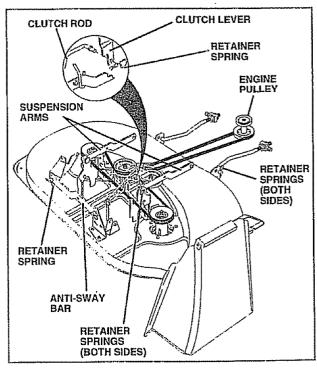


FIG. 20

SERVICE AND ADJUSTMENTS

TO LEVEL MOWER HOUSING

Adjust the mower while tractor is parked on level ground or driveway. Make sure tires are properly inflated (See "PRODUCT SPECIFICATIONS" on page 3). If tires are over or under inflated, you will not properly adjust your mower.

SIDE-TO-SIDE ADJUSTMENT (See Figs. 21 and 22)

You will need two (2) standard 2 x 4 short pieces of wood to make the following adjustment. Similar blocks measuring 1-1/2" thick may also be used.

- Raise mower with attachment lift control to allow two (2) 1-1/2" thick blocks to be placed under rear edge of mower.
- Place one block directly behind the right mandrel.
 Place the remaining block under the stamped ridge on the left rear edge of mower deck.
- Lower mower deck to its lowest height of cut position (See "TO ADJUST MOWER CUTTING HEIGHT" in Operation section of this manual).
- On both sides of tractor, loosen, but do not remove, the fasteners securing the adjustable pivot brackets to frame. Both brackets must be loose enough to move freely.
- Pull down firmly on suspension arm to remove any slack in pivot bracket and hold while tightening rear fastener first to secure. Tighten remaining fastener.
- Repeat procedure on other side of tractor.
- Raise mower with attachment lift control and remove blocks from under mower.

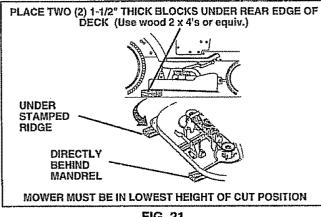
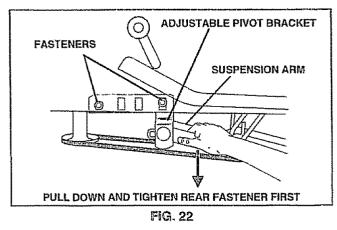


FIG. 21



FRONT-TO-BACK ADJUSTMENT (See Figs. 23 and 24) -

IMPORTANT: DECK MUST BE LEVEL SIDE-TO-SIDE. IF THE FOLLOWING FRONT-TO-BACK ADJUSTMENT IS NECESSARY, BE SURE TO ADJUST BOTH FRONT LINKS EQUALLY SO MOWER WILL STAY LEVEL SIDE-TO-SIDE.

To obtain the best cutting results, the mower housing should be adjusted so that the front is approximately 1/4" to 3/4" lower than the rear when the mower is in its highest position.

Check adjustment on right side of tractor. Measure distance "D" directly in front and behind the mandrel at bottom edge of mower housing as shown.

- Before making any necessary adjustments, check that both front links are equal in length. Both links should be approximately 10-3/8".
- If links are not equal in length, adjust one link to same length as other link.
- To lower front of mower loosen nut "E" on both front links an equal number of turns.
- When distance "D" is 1/4" to 3/4" lower at front than rear, tighten nuts "F" against trunnion on both front links.
- To raise front of mower, loosen nut "F" from trunnion on both front links. Tighten nut "E" on both front links an equal number of turns.
- When distance "D" is 1/4" to 3/4" lower at front than rear, tighten nut "F" against trunnion on both front links.
- Recheck side-to-side adjustment.

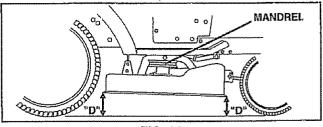


FIG. 23

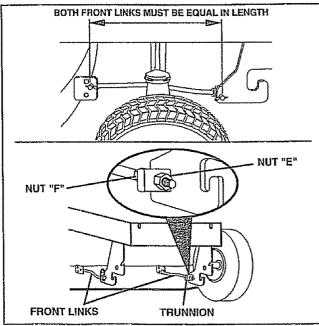


FIG. 24

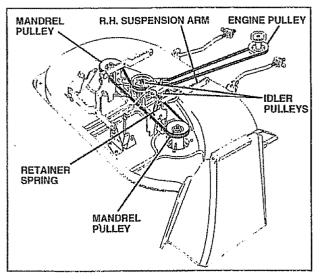
See Fig. 25

The mower blade drive belt may be replaced without tools. Park the tractor on level surface. Engage parking brake. BELT REMOVAL -

- Place attachment clutch in "DISENGAGED" position.
- Move attachment lift lever forward to lower mower to its lowest position.
- Roll belt off engine pulley.
- Disconnect R.H. suspension arm from rear deck bracket by removing relainer spring.
- Work belt off both mandrel pulleys and idler pulleys.
- · Pull belt away from mower.

BELT INSTALLATION -

- Install new belt in reverse order of removal.
- Make sure belt is in all pulley grooves and inside all belt guides.





TO ADJUST BRAKE (See Fig. 26)

Your tractor is equipped with an adjustable brake system which is mounted on the right side of the transaxle.

If tractor requires more than six (6) feet stopping distance at high speed in highest gear, then brake must be adjusted.

- Depress clutch/brake pedal and engage parking brake.
- Measure distance between brake operating arm and nut "A" on brake rod.
- If distance is other than 1-1/2", disengage parking brake, loosen jam nut and turn nut "A" until distance becomes 1-1/2". Retighten jam nut against nut "A".
- Engage parking brake and recheck distance.
- Road test tractor for proper stopping distance as stated above. Readjust if necessary. If stopping distance is still greater than six (6) feet in highest gear, further maintenance is necessary. Contact your nearest authorized service center.

WITH PARKING BRAKE "ENGAGED"

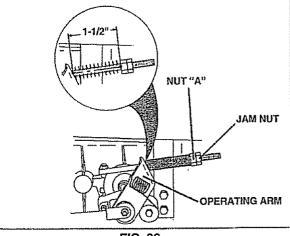


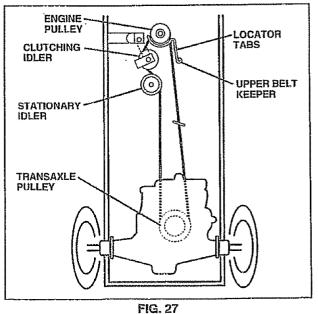
FIG. 26

TO REPLACE MOTION DRIVE BELT (See Fig. 27)

Park the tractor on level surface. Engage parking brake. For assistance, there is a belt installation guide decal on bottom side of left footrest.

- Remove mower (See "TO REMOVE MOWER" in this section of this manual.)
- Remove upper belt keeper.
- Remove belt from stationary idler and clutching idler.
- Pull belt slack toward rear of tractor. Remove belt upwards from transaxle pulley by deflecting belt keepers.
- Pull belt toward front of tractor and remove downwards from around engine pulley.
- Install new belt by reversing above procedure.

IMPORTANT: MAKE SURE UPPER BELT KEEPER IS POSITIONED PROPERLY BETWEEN LOCATOR TABS.



TO ADJUST STEERING WHEEL ALIGNMENT

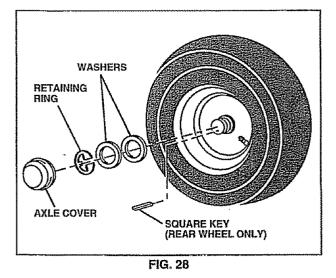
If steering wheel crossbars are not horizontal (left to right) when wheels are positioned straight forward, remove steering wheel and reassemble per instructions in the Assembly section of this manual.

FRONT WHEEL TOE-IN/CAMBER

The front wheel toe-in and camber are not adjustable on your tractor. If damage has occurred to affect the front wheel toe-in or camber, contact your nearest authorized service center.

TO REMOVE WHEEL FOR REPAIRS (See Fig. 28)

- Block up axle securely.
- Remove axle cover, retaining ring and washers to allow wheel removal (rear wheel contains a square key - Do not lose).
- Repair tire and reassemble.
- On rear wheels only: align grooves in rear wheel hub and axle. Insert square key.
- Replace washers and snap retaining ring securely in axle groove.
- Replace axle cover.



TO START ENGINE WITH A WEAK BATTERY (See Fig. 29)



CAUTION: Lead-acid batteries generate explosive gases. Keep sparks, flame and smoking materials away from batteries. Always wear eye protection when around batteries.

If your battery is too weak to start the engine, it should be recharged. If "jumper cables" are used for emergency starting, follow this procedure:

IMPORTANT: YOUR TRACTOR IS EQUIPPED WITH A 12 VOLT NEGATIVE GROUNDED SYSTEM. THE OTHER VEHICLE MUST ALSO BE A 12 VOLT NEGATIVE GROUNDED SYSTEM. DO NOT USE YOUR TRACTOR BATTERY TO START OTHER VEHICLES.

TO ATTACH JUMPER CABLES -

- Connect each end of the RED cable to the POSITIVE (+) terminal of each battery, taking care not to short against chassis.
- Connect one end of the BLACK cable to the NEGA-TIVE (-) terminal of fully charged battery.
- Connect the other end of the BLACK cable to a good CHASSIS GROUND, away from fuel tank and battery.

TO REMOVE CABLES, REVERSE ORDER -

- BLACK cable first from chassis and then from the fully charged battery.
- RED cable last from both batteries.

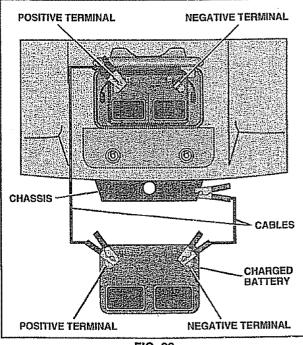


FIG. 29

TO REPLACE FUSE

Replace with 30 amp automotive-type plug-in fuse. The fuse holder is located in the engine compartment, directly in front of the dash.

TO REPLACE HEADLIGHT BULB

- Raise hood.
- Pull bulb holder out of the hole in the backside of the grill.
- Replace bulb in holder and push bulb holder securely back into the hole in the backside of the grill.
- · Close hood.

INTERLOCKS AND RELAYS

Loose or damaged wiring may cause your tractor to run poorly, stop running or prevent it from starting.

• Check wiring. See the electrical wiring diagram in the Repair Parts section of this manual.

TO REMOVE HOOD AND GRILL (See Fig. 30)

- Raise hood.
- Unsnap headlight wire connector.
- Stand in front of tractor. Grasp hood at sides, tilt forward and lift off of tractor.
- To reinstall, slide hood pivot brackets into slots in frame.
- Reconnect headlight wire connector and close hood.

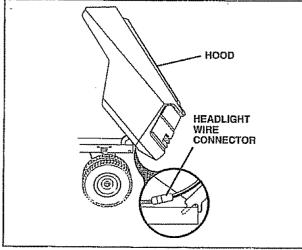


FIG. 30

ENGINE

TO ADJUST THROTTLE CONTROL CABLE (See Fig. 31)

The throttle control has been preset at the factory and adjustment should not be necessary. Check adjustment as described below before loosening cable. If adjustment is necessary, proceed as follows:

- With engine not running, move throttle control lever from "SLOW" to "CHOKE" position. Slowly move lever from "CHOKE" to "FAST" position.
- Check that holes "A" in governor control lever and hole in governor plate line-up. If holes "A" are not aligned, loosen clamp screw and move throttle cable until holes are aligned. Tighten clamp screw securely.

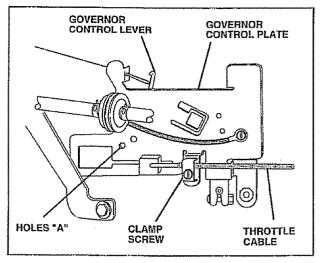


FIG. 31

TO ADJUST CARBURETOR (See Fig. 32)

The carburetor has been preset at the factory and adjustment should not be necessary. However, minor adjustment may be required to compensate for differences in fuel, temperature, altitude or load. If the carburetor does need adjustment, proceed as follows:

In general, turning idle mixture valve in (clockwise) decreases the supply of fuel to the engine giving a leaner fuel/ air mixture. Turning the idle mixture valve **out** (counterclockwise) increases the supply of fuel to the engine glving a richer fuel/air mixture.

IMPORTANT: DAMAGE TO THE NEEDLE VALVE AND THE SEAT IN CARBURETOR MAY RESULT IF SCREW IS TURNED IN TOO TIGHT.

PRELIMINARY SETTING -

- Air cleaner assembly must be assembled to the carburretor when making carburetor adjustments.
- Be sure the throttle control cable is adjusted properly (see above).
- With engine off turn idle mixture valve in (clockwise) closing it finger tight and then turn out (counterclockwise) 1 full turn.

FINAL SETTING -

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- Start engine and allow to warm for five minutes. Make final adjustments with engine running and shift/motion control lever in "NEUTRAL" position.
- Move throttle control lever to "SLOW" position. With finger, rotate and hold throttle lever against idle speed screw. Turn idle speed screw to attain 1750 RPM.
- While still holding throttle lever against idle speed screw, turn idle mixture valve in (clockwise) until engine begins to die and then turn out (counterclockwise) until engine runs rough. Turn valve to a point midway between those two positions. Release throttle lever.

ACCELERATION TEST -

 Move throttle control lever from "SLOW" to "FAST" position. If engine hesitates or dies, turn idle mixture valve out (counterclockwise) 1/8 turn. Repeat test and continue to adjust, if necessary, until engine accelerates smoothly.

a ta balance

High speed stop is factory adjusted. Do not adjust - damage may result.

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

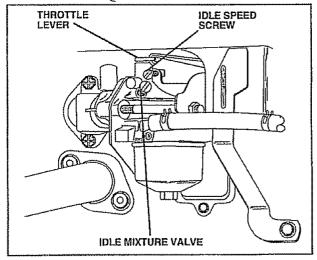


FIG. 32

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



CAUTION: Never store the tractor 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.

TRACTOR

Remove mower from tractor for winter storage. When 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 tractor (See "CLEANING" in the Customer Responsibilities section of this manual).
- Inspect and replace belts, if necessary (See belt replacement instructions in the Service and Adjustments section of this manual).
- Lubricate as shown in the Customer Responsibilities section of this manual.
- Be sure that all nuls, bolts and screws 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.

BATTERY

- Fully charge the battery for storage.
- After a period of time in storage, battery may require recharging.
- To help prevent corrosion and power leakage during long periods of storage, battery cables should be disconnected and battery cleaned thoroughly (see "TO CLEAN BATTERY AND TERMINALS" in the Customer Responsibilities section of this manual).
- After cleaning, leave cables disconnected and place cables where they cannot come in contact with battery terminals.
- Be sure battery drain tube is securely attached.
- If battery is removed from tractor for storage, do not store battery directly on concrete or damp surfaces.

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. Fun 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).

CYLINDERS

- Remove spark plug(s).
- Pour one ounce of oil through spark plug hole(s) into cylinder(s).
- Turn ignition key to "START" position for a few seconds to distribute oil.
- Replace with new spark plug(s).

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 tractor indoors and cover it to give protection from dust and dirt.
- Cover your tractor 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 tractor to rust.

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

TROUBLESHOOTING POINTS

PROBLEM	CAUSE	CORRECTION					
Will not start	 Out of fuel. Engine not "CHOKED" properly. Engine flooded Bad spark plug. Dirty air filter. Dirty fuel filter. Water in fuel. Loose or damaged wiring. Carburetor out of adjustment. Engine valves out of adjustment. 	 Fill fuel tank. See "TO START ENGINE" in Operation section. Wait several minutes before attempting to start. Replace spark plug. Clean/replace air filter. Replace fuel filter. Drain fuel tank and carburetor, refill tank with fresh gasoline and replace fuel filter. Check all wiring. Contact an authorized service center/department. Contact an authorized service center/department. 					
Hard to start	 Dirty air filter. Bad spark plug Weak or dead battery Dirty fuel filter. Stale or dirty fuel. Loose or damaged wiring. Carburetor out of adjustment. Engine valves out of adjustment. 	 Clean/replace air filter. Replace spark plug. Recharge or replace battery. Replace fuel filter. Drain fuel tank and refill with fresh gasoline. Check all wiring. Contact an authorized service center/department Contact an authorized service center/department 					
Engine will not turn over	 Clutch/brake pedal not depressed. Attachment clutch is engaged. Weak or dead battery. Blown fuse. Corroded battery terminals. Loose or damaged wiring. Faulty Ignition switch Faulty solenoid or starter. Faulty operator presence switch(es). 	 Depress clutch/brake pedal. Disengage attachment clutch. Recharge or replace battery. Replace fuse. Clean battery terminals Check all wiring. Check/replace ignilion switch. Check/replace solenoid or starter. Contact an authorized service center/department. 					
Engine clicks but will not start	 Weak or dead battery. Corroded battery terminals. Loose or damaged wiring. Faulty solenoid or starter. 	 Recharge or replace battery. Clean battery terminals. Check all wiring. Check/replace solenoid or starter. 					
Loss of power	 Cutting too much grass/too fast. Throttie in "CHOKE" position. Build-up of grass, leaves and trash under mower. Dirty air filter. Low oil level/dirty oil. Faulty spark plug. Dirty fuel filter. Stale or dirty fuel. Water in fuel. Spark plug wire loose. Dirty engine air screen/fins. Dirty/clogged muffler. Loose or damaged wiring. Carburetor out of adjustment. Engine valves out of adjustment 	 Set in "Higher Cut" position/reduce speed. Adjust throttle control. Clean underside of mower housing. Clean/replace air filter. Check oil level/change oil. Clean and regap or change spark plug. Replace fuel filter. Drain fuel tank and refill with fresh gasoline. Drain fuel tank and carburetor, refill tank with fresh gasoline and replace fuel filter. Connect and tighten spark plug wire. Clean/replace muffler. Check all wiring. Contact an authorized service center/department. Contact an authorized service center/department. 					
Excessive vibration	 Worn, bent or loose blade. Bent blade mandral. Loose/damaged part(s). 	 Replace blade. Tighten blade bolt. Replace blade mandrel. Tighten loose part(s). Replace damaged parts. 					

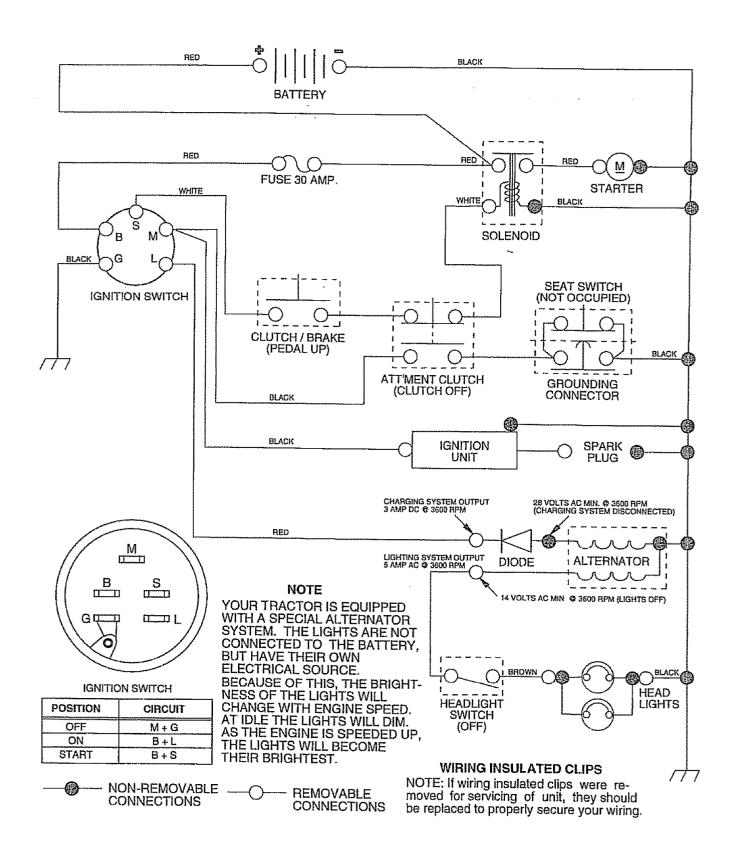
TROUBLESHOOTING POINTS

PROBLEM	CAUSE	CORRECTION					
Engine continues to run when operator leaves seat with attachment clutch engaged	1. Faulty operator-safety presence control system.	 Check wiring, switches and connections. If not corrected, contact an authorized service center/ department. 					
Poor cut - uneven	 Worn, bent or loose blade. Mower deck not level. Buildup of grass, leaves, and trash under mower. Bent blade mandrel. Clogged mower deck vent holes from buildup of grass, leaves, and trash around mandrels. 	 Replace blade. Tighten blade bolt. Level mower deck. Clean underside of mower housing. Replace blade mandrel. Clean around mandrels to open vent holes. 					
Mower blades will not rotate	 Obstruction in clutch mechanism. Worn/damaged mower drive belt. Frozen idler pulley. Frozen blade mandrel. 	 Remove obstruction. Replace mower drive belt. Replace idler pulley. Replace blade mandrel. 					
Poor grass discharge	 Engine speed too slow. Travel speed too fast. Wet grass. Mower deck not level Low/uneven tire air pressure. Worn, bent or loose blade. Buildup of grass, leaves and trash under mower. Mower drive belt worn. Blades improperly installed. Improper blades used. Clogged mower deck vent holes from buildup of grass, leaves, and trash around mandrels. 	 Place throttle control in "FAST" position. Shift to slower speed. Allow grass to dry before mowing. Level mower deck. Check tires for proper air pressure. Replace/sharpen blade. Tighten blade bolt. Clean underside of mower housing. Replace mower drive belt. Replace with blades listed in this manual. Clean around mandrels to open vent holes. 					
Headlight(s) not working (if so equipped)	 Switch Is "OFF". Bulb(s) burned out. Faulty light switch. Loose or damaged wiring. Blown fuse. 	 Tum switch "ON". Replace bulb(s). Check/replace light switch. Check wining and connections. Replace fuse. 					
Battery will not charge	 Bad battery cell(s) Poor cable connections. Faulty regulator (if so equipped). Faulty alternator. 	 Replace battery Check/clean all connections Replace regulator. Replace alternator. 					
Engine "backfires" when turning engine "OFF"	 Engine throttle control not set at "SLOW" position for 30 seconds before stopping engine. 	 Move throttle control to "SLOW" position and allow to idle for 30 seconds before stopping engine. 					

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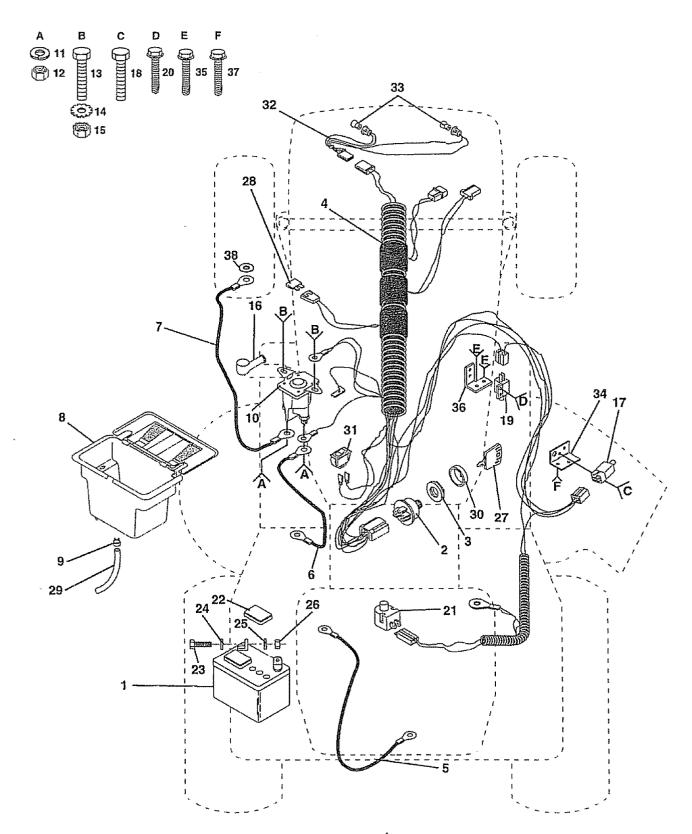
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14 HP 38" TRACTOR - - MODEL NUMBER 917.255470

ELECTRICAL



14 HP 38" TRACTOR - - MODEL NUMBER 917.255470

ELECTRICAL

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KEY NO.	PART NO.	DESCRIPTION
123456789011234567890112345678901232567890123345567 111234567890122222222222333335567	121265X 102972X 124211X 137702 4207J 132202 4799J 129965 109596X 138406 10090400 7350400 7350400 73510400 73510400 73510400 73510400 73510400 73510400 73510400 131563 109553X 17021008 121305X 121264X 74760412 19091016 10040400 73220400 109310X 108824X 109238X 123620X 110712X 136850 4152J 108236X 17021008 130890 17021008	Battery 12 VOLT 25 AMP Switch Ign 5 Term Wo/wash/nut Nut Ignition Harness Ign Bs Dash Headlights Cable Ground 6 Ga 12" black Cable Battery 6 Ga 43" red Cable Battery 6 Ga 11" red Case Battery Hng Mech W/lid Clamp Hose Olive Solenoid Washer Lock 1/4 Nut Jam Hex 1/4-20 Unc Bolt Fin Hex 1/4-20 Unc Bolt Fin Hex 1/4-20 Unc Cover Terminal Red Switch Intlk Clutch Red 4 Term Screw Tap Hex #10-24unc X 1/2 Switch Intlk Clutch Red 2 Term Screw Tap Hex #10-24unc X 1/2 Switch Intlk Clutch Red 2 Term Screw Tap Hex #10-24unc X 1/2 Switch Plunger Nc Gray Caps Battery 20/25/30 AMP Bolt Hex Hd 1/4-20unc X 3/4 Washer 9/32 X 5/8 X 16 Ga Washer Lock Hvy Helical 1/4 Nut Fin Hex 1/4-20 Unc Key Ign Molded Craftsman Fuse 30 AMP Auto Green Tube Plastic 12" Cover Sw Key Blk 1 25 Text SLT Switch Light Blk Blk Red Harness Asm Light W/4152j Bulb Light #1156 Bracket Switch Clutch Screw Tap Hex #10-24unc X 1/2 Bracket Switch Interlock
38	11150400	Washer Lock Internal Tooth 1/4

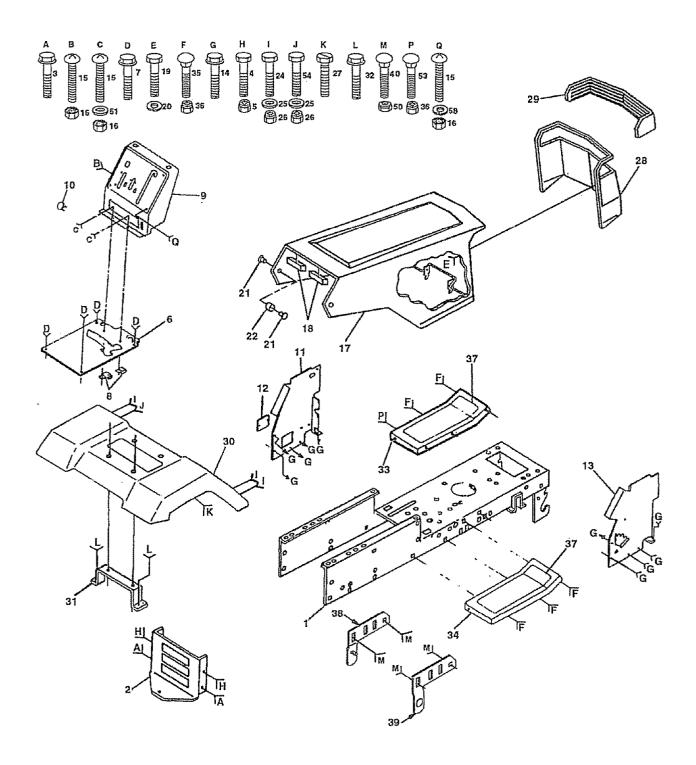
NOTE: All component dimensions give in U.S. inches 1 inch = 25.4 mm

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REPAIR PARTS 14 HP 38" TRACTOR - - MODEL NUMBER 917.255470 CHASSIS AND ENCLOSURES

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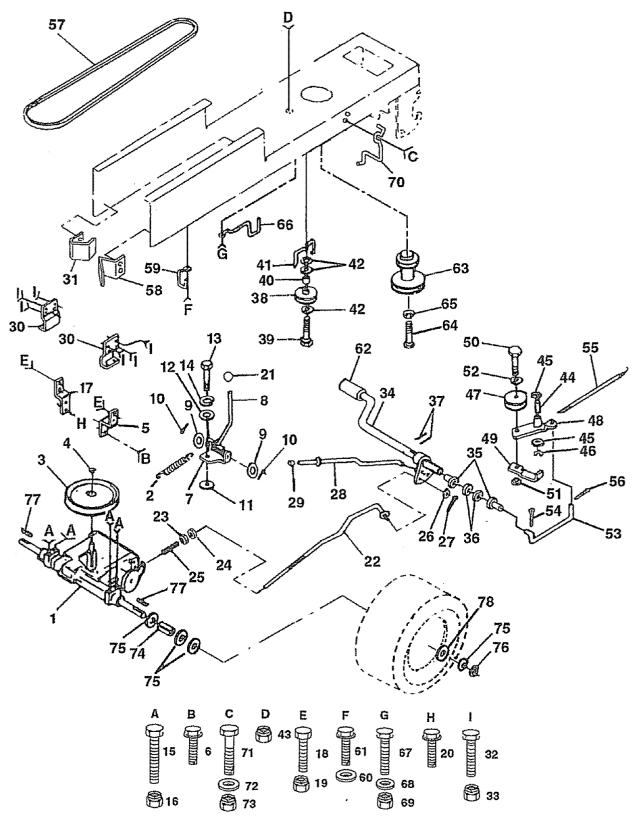
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14 HP 38" TRACTOR --- MODEL NUMBER 917.255470 CHASSIS AND ENCLOSURES

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

14 HP 38" TRACTOR - - MODEL NUMBER 917.255470

DRIVE



14 HP 38" TRACTOR - - MODEL NUMBER 917.255470

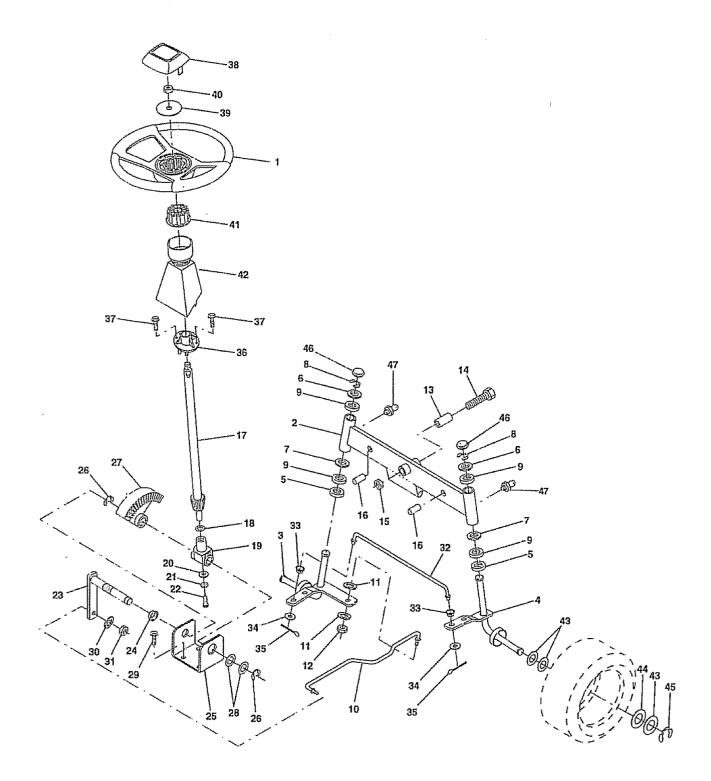
DRIVE

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	137362	Transaxle 5sp Std Dana,	41	109070X	Keeper Belt Retainer
		Model No. 4360-47	42	19131312	Washer 13/32 X 13/16 X 12 Ga
2	110422X	Spring Return Brake T/a Zinc	43	STD541437	Nut Crownlock 3/8-16 Unc
3	123666X	Pulley Transaxle Alum	44 45	105706X 110812X	Bearing Nyl 503 X 628 X 1 25 Washer Hardened
4	12000028	Ring Retainer # 5100-62	45 46	12000039	Ring Klip #t5304-50
5 6	121520X	Strap Pnt Torque 30 Deg Blk Screw Thdrol 5/16-18 X 3/4 Tyt	47	127783	Pulley Idler V Groove Plastic
7	17490512 106919X	Plate Pnt Rod Shift T/a (blk)	48	123789X	_Bellcrank Asm
8	124461X	Rod Shifter Blk (dana)	49	123205X	Retainer Belt Style Spring
ğ	19151216	Washer 15/32 X 3/4 X 16ga	50	STD523715	Bolt Hex Hd 3/8-16unc X 1-1/2
10	STD561210	Pin Cotter 1/8 X 1 Cad	51	STD541437	Nut Crownlock 3/8-16 Unc
11	105701X	Washer Plate Shf 388 Sq Hole	52	STD551037	Washer 13/32 X 13/16 X 16 Ga
12	19091210	Washer 9/32 X 3/4 X 10 Ga	53	105710X	Link Clutch 7 66
13	71040412	Bolt Fin Hex 1/4-28unfx3/4 Gr8	54	STD561210	Pin Cotter 1/8 X 3/4 Cad
14	STD551125	Washer Lock Hvy Helical 1/4	55 56	105709X STD561210	Spring Return Clutch 6 75 Pin Cotter 1/8 X 3/4 Cad
15	STD523727	Bolt Fin Hex 3/8-16unc X 2-3/4 Nut Crownlock 3/8-16 Unc	50 57	125907X	V-beit Ground Drive 90 00
16 17	STD541437 121520X	Strap Pnt Torque 30 Deg Blk	58	127274X	Keeper Belt Rh Lt Pnt/zinc 16g
18	STD523707	Bolt Fin Hex 3/8-16unc X 3/4	59	136715	Retainer Beit Chassis Lh Zinc
19	STD541437	Nut Crownlock 3/8-16 Unc	60	19131312	Washer 13/32 X 13/16 X 12 Ga
20	17490512	Screw Thdrol 5/16-18 X 3/4 Tyt	61	17490612	Screw Thdrol 3/8-16x3/4 Ty-tt
21	106933X	Knob Rd 1/2-13 Pistc Thds Blk	62	8883R	Cover Pedal Blk Std
22	131867	Rod Brake Lt	63	134825	Pulley Engine
23	STD541437	Nut Lock Hex W/wsh 3/8-16unc	64	71170764	Bolt Finhex 7/16-20 x 4 g5
24	STD541237	Nut Hex Jam 3/8-16 Unc	65	STD551143	Washer Lock Hvy Hicl Spr 7/16
25	106888X	Spring Rod Brake 2 00 Zinc	66	129921	Keeper Belt Engine Lh Lt Bolt Fin Hex 3/8-16unc X 1
26	STD551037	Washer 13/32 X 13/16 X 16 Ga	67 68	STD523710 19131312	Washer 13/32 X 13/16 X 12 Ga
27 28	STD561210 128904	Pin Cotter 1/8 X 3/4 Cad Rod Brake Parking Lt	69	STD541437	Nut Crownlock 3/8-16 Unc
20 29	124236X	Cap Parking Brake Red	70	134683	Guide Belt Dr Mower Rh
30	109167X	Bracket Transmission	71	STD523710	Bolt Fin Hex 3/8-16unc X 1
31	127275X	Keeper Belt Lh Lt 14 Ga	72	19132012	Washer 13/32 X 1-1/4 X 12 Ga
32	STD523710	Bolt Fin Hex 3/8-16unc X 1	73	STD541437	Nut Crownlock 3/8-16 Unc
33	STD541437	Nut Crownlock 3/8-16 Unc	74	109502X	Spacer Split .80x1.94
34	122424X	Shaft Asm Pedal Foot 1 930	75	121749X	Washer 25/32 X 1 1/4 X 16 Ga
35	120183X	Bearing Nylon Blk 629 Id	76	STD581075	Ring E #5133-75
36	STD551062	Washer 21/32 X 1 X 16 Ga	77	123583X	Key Square 2 0 X 1845/ 1865
37	STD571810	Pin Roll 3/16 X 1"	78	121748X	Washer 25/32 X 1 5/8 X 16ga
38	123674X	Pulley Idler Flat Bolt Fin Hex 3/8-16unc X 2-3/4	100	····	ant dimensions given in LLC inshes
39 40	STD523727 4470J	Spacer Split 395 X 59 Bzp	NOI	E: All compor	nent dimensions given in U.S. inches
-10		oband obur one v on met		1 inch = 2	0.4 HIIII

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14 HP 38" TRACTOR - - MODEL NUMBER 917.255470 STEERING ASSEMBLY

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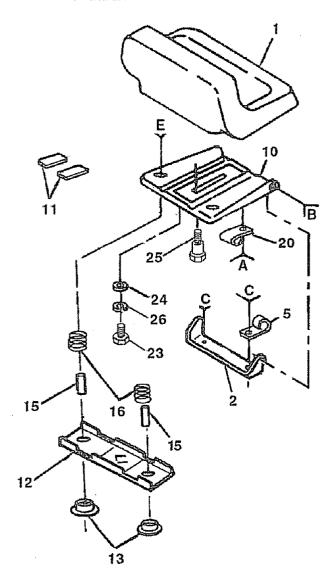
14 HP 38" TRACTOR - - MODEL NUMBER 917.255470

STEERING ASSEMBLY

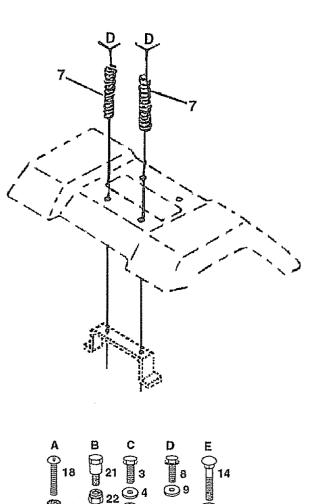
KEY NO.	PART NO.	DESCRIPTION
NO. 1 2 3 4 5 6 7 8 9 10 11 23 4 5 6 7 8 9 10 11 23 4 5 6 7 8 9 10 11 23 4 15 16 7 8 9 20 21 22 32 4 25 26 7 8 9 30 1 32 33 34	NO. 133741 133988 135227 135228 6266H 121748X 19272016 12000029 3366R 130468 STD551137 73610600 110438X 74011056 73901000 132624 132614 57079 124035X 126684X STD551125 71070410 127501 109816X 124036X 12000029 136874 6266H 17490612 STD551137 73610600 130465 126847X 19131416	Wheel Steering Std Black Axle Asm Front Spindle Asm Lh Spindle Asm Rh Bearing Race Thrust Harden Washer 25/32 X 1 5/8 X 16ga Washer 27/32 X 1 1/4 X 16 Ga Ring Klip #t5304-75 Bearing Col Strg Blk Link Drag Sol Ball Jt 20 064 ~ Washer Lock Hvy Hicl Spr 3/8 Nut Fin Hex 3/8-24 Unf Spacer Bearing Axle Front Bolt Hex 5/8-11 Unc X 3-1/2 Locknut Flange 5/8-11 Unc Pin Axle 5/8 X 1 55/1 54 Lg Shaft Asm Strg 5/8 X 15 19 Lt Washer Thrust 515x 750x 033 Support Shaft Washer Shim 1/4 X 5/8 X 062 Washer Lock Hvy Helical 1/4 Screw Hex Socket 1/4-20 X 5/8 Shaft Asm Pittman Nyliner Snap In Bracket Steering Ring Klip #t5304-75 Gear Sector Bearing Race Thrust Harden Screw Thdrol 3/8-16x3/4 Ty-tt Washer Lock Hvy Hicl Spr 3/8 Nut Fin Hex 3/8-24 Unf Rod Tie Wire Form 19 75 Mech Bushing Rod Tie Blk Lt Washer 13/32 X 7/8 X 16ga
30 31 32 33 34 35	STD551137 73610600 130465 126847X 19131416 STD561210	Washer Lock Hvy Hlcl Spr 3/8 Nut Fin Hex 3/8-24 Unf Rod Tie Wire Form 19 75 Mech Bushing Rod Tie Blk Lt Washer 13/32 X 7/8 X 16ga Pin Cotter 1/8 X 3/4 Cad
	STD561210 132196 STD611005 133742 19133808 STD541537 104820X 124417X 121749X 121748X	
46 47	121232X 6855M	Cap Spindle Fr Top Blk Fitting Grease

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

14 HP 38" TRACTOR - - MODEL NUMBER 917.255470 SEAT ASSEMBLY



Key No,	PART NO.	DESCRIPTION
12345678901112345	127437 126656X STD523707 19131610 2751R STD541437 124181X 17490616 19131614 131451 121251X 121251X 121246X 121248X 72050411 134300	Seat V350 Blk/red Craftsman Bracket Pnt Pivot Seat (blk) Bolt Fin Hex 3/8-16unc X 3/4 Washer 13/32 X 3/4 X 10 Ga Clip Line Fuel 13/32 Mtg Hole Nut Crownlock 3/8-16 Unc Spring Seat Cprsn 2 250 Blk Zi Screw Thdrol 3/8-16 X 1 Ty-tt Washer 13/32 X 1 X 14 Ga Pan Pnt Seat (blk) Strip Foam Gray Or Black Bracket Pnt Mounting Switch Bushing Snap Blk Nyl 50 Id Bolt Rdhd Sht Nk 1/4-20X1-3/8
10	104000	Spacer Split 28 X 96 Zinc



KEY NO. PART NO.

19

P

66

DESCRIPTION

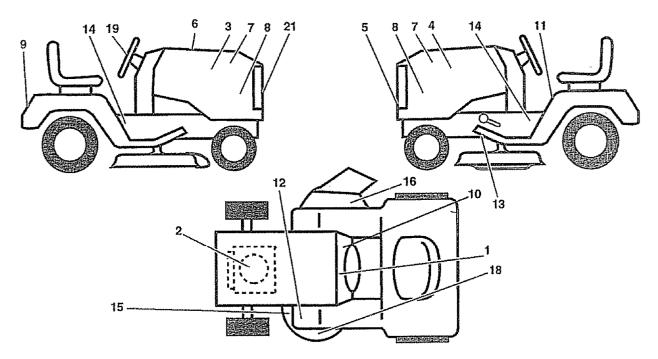
@17

	•	
16	121250X	Spring Cprsn 1 27 Blk Pnt
17	123976X	Nut Lock 1/4 Lge Flg Gr 5 Zinc
18	STD511005	Screw Sitd Pan Hd #10-32 X 1/2
19	73951000	Nut Keps #10-32 Unf
20	4171R	Clip Insulated 11/32 Mtg Hole
21	105529X	Bolt Shoulder 5/16-18 Unc Bikz
22	STD541431	Nut Crown Lock 5/16-18
23	74780814	Bolt Fin Hex 1/2-13 X 7/8 Gr 5
24	19171912	Washer 17/32 X 1-3/16 X 12 Ga
25	127018X	Bolt Shoulder 5/16-18 X 62
26	STD551150	Washer Lock Hvy Hicl Spr 1/2
		<i>,</i>

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

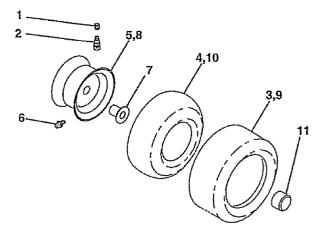
14 HP 38" TRACTOR - - MODEL NUMBER 917.255470

DECALS



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	136794	Decal Instruction Operat Eng	12	4900J	Decal Clutch/brake English
ż	138655	Decal Instruction Operat Eng Decal B&S 14 HP IC/O HV	13	109199X	Decal V-belt Dr Sch Tractor E
-		Craftsman	14	105809X	Decal Chassis 5 Sp 38"
3	124489X	Decal Hood Slope Rh Craftsman	15	136831	Decal Mower Drive Schematic 38
4	124490X	Decal Hood Slope Lh Craftsman	16	133178	Decal Mower 3 in One Conv.
5	132674	Decal Grille Lt4000 Craft Usa	18	133179	Decal Mower Qc System
6	133644	Decal Maint Customer Sears Dom	19	132267	Decal Insr Wh Strg Crafts Usa
ž	139056	Decal Panel Side I/c Gold/blk	21	131265	Decal Lightbox
8	108631X	Decal II(die Cut)	* *	138311	Decal Lift Handle
9	125880X	Decal Fender Craftsman Red		139148	Manual, Owner's (English)
10	138836	Decal Dash Slope Lt		139149	Manual, Owner's (Spanish)
11	137537	Decal Caution English/Spanish			

WHEELS & TIRES

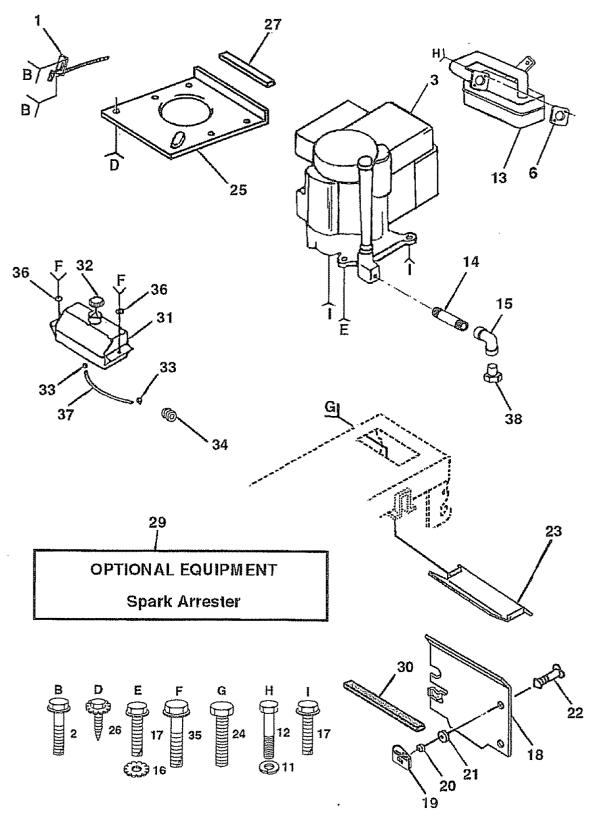


KEY NO.	PART NO.	DESCRIPTION
1	59192	Cap Value Tire
2	65139	Stem Value
3	106222X	Tire F Ts 15 X 6 0 - 6 Service
4	59904	Tube Inner Front #35060
5	106732X361	Rim Asm 6"front Silver Service
6	278H	Fitting Grease
7	9040H	Bearing Flange
8	106108X361	Rim Asm 8"rear Silver Service
9	106268X	Tire R Ts 18x9 5-8 Service
10	7152J	Tube Rear 9 5 X 8 Service
11	104757X	Cap Axle Blk 1 50 X 1 00

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

14 HP 38" TRACTOR - - MODEL NUMBER 917.255470

ENGINE



14 HP 38" TRACTOR --- MODEL NUMBER 917.255470

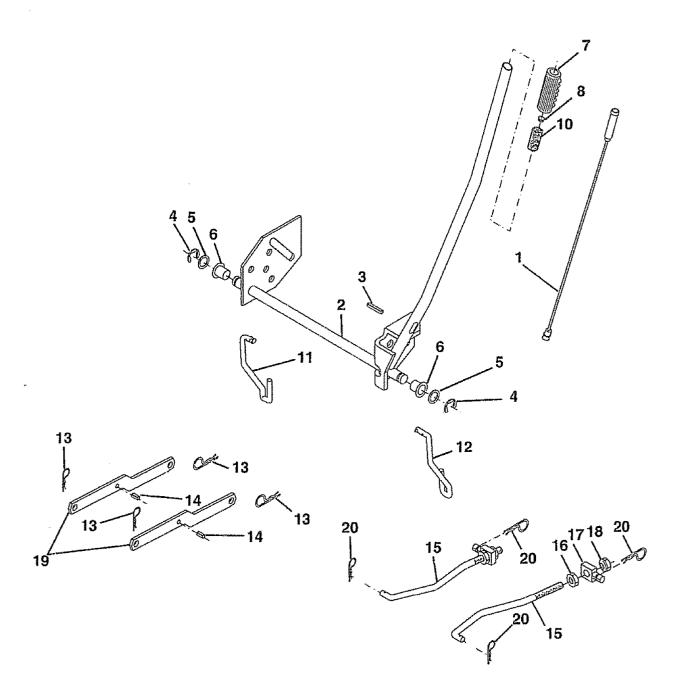
ENGINE

KEY PART NO. NO.	DESCRIPTION
1 132759 2 17720410 3 137268	Control Throt Rh Blk Pdl 15 10 Screw Hex Thd Cut 1/4-20x5/8 T Engine B&s 14hp ICQ Dual 1 Vt, Model No. 287707, Turpe No. 0115-01
 6 125593X 11 STD551131 12 71070512 13 137352 14 13280324 15 13200300 16 STD551237 17 17490620 18 136718 19 105839X 20 105838X 21 STD551025 22 123650X 23 128953 24 STD601005 25 124027X 26 17030808 27 105037X 29 137180 30 127057X 31 109202X 32 123549X 33 123487X 34 124028X 35 17490412 36 19091416 37 101335K 	Type No. 0115-01 Gasket 1 313 Id Tin Plated Washer Lock Hvy Hlol Spr 5/16 Screw Hexhd Cap 5/16-18x3/4 Muffler Exhaust B&s Lt Nipple Pipe 3/8 Npt X 3" Elbow Std 90 Degree 3/8-18 Npt Washer Lock Ext Tooth 3/8 Screw Thdrol 3/8-16x1-1/4 Tytt Shield Pnt Heat Receptacle 1/4 Turn Dacrotized Retainer 1/4 Turn 365odx 222id Washer 9/32 X 5/8 X 16 Ga Stud 1/4 Turn (replaces 105751 Shield Pnt Heat Browning Grass Screw Tap Hex #10-24unc X 1/2 Shield Pnt Heat Hood Lt Screw Splderloc Hexhd#8x1/2 Ab Strip Foam 18" Arrestor Spark Strap Hood Tank Fuel 1 25 Fr Cap Asm Fuel W/sym Vented Clamp Hose Blk Bushing Snap Nyl Blk Fuel Line Screw Hexwsh Thdrol 1/4-20x3/4 Washer 9/32 X 7/8 X 16ga Line Fuel 9 50" Plug Oil Drain (Order From Engine
	Manufacturer)

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

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14 HP 38" TRACTOR - - MODEL NUMBER 917.255470 LIFT



42

14 HP 38" TRACTOR - - MODEL NUMBER 917.255470

LIFT

KEY NO.		DESCRIPTION
3 4 5 6 7 8 10 11 12 13 14 15 16 17 18	136973 122507X 105767X 1200002 19211621 120183X 125631X 12265X 122512X 134619 135388 4939M 135563 127218 73350800 130171 73800800 130832 3146R	Rod Asm. Lever Shaft Asm. Lift Pin Groove E Ring #5133-62 Washer 21/32 x 1 x 21 Ga. Bearing Nylong Grip Handle Fluted Button Plunger Read Spring Oprsn Link Lift Lh Fixed Length Link Lift Lh Fixed Length Link Lift Rh Fixed Length Retainer Spring Pin Roll Slt 5/16 x 1.25 Link Front Nut Jam Hex 1/2-13 Unc Trunnion Blk Zinc Nut Lock W/Wsh 1/2-13 Unc Arm Suspension Rear Retainer Spring

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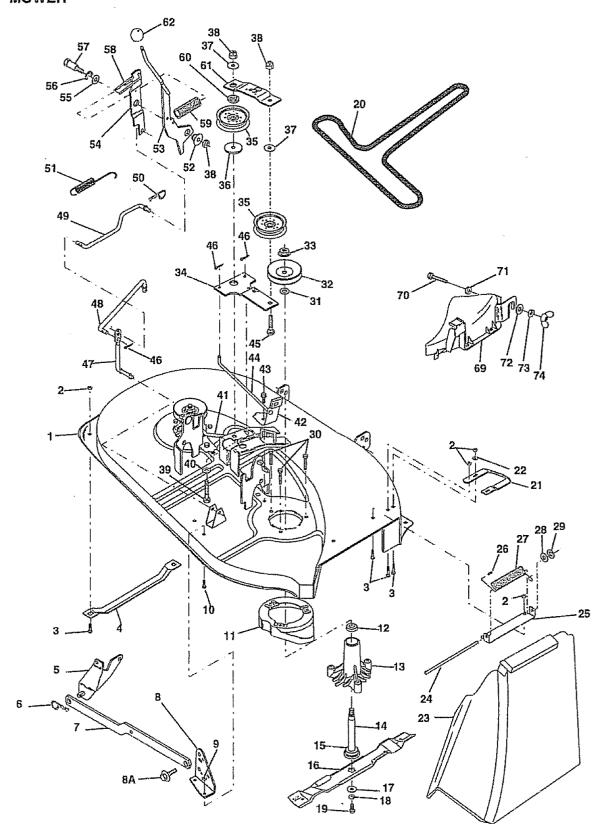
NOTE: All component dimensions given in U.S. inches 1 inch = 25.4 mm

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14 HP 38" TRACTOR - - MODEL NUMBER 917.255470

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38" MOWER



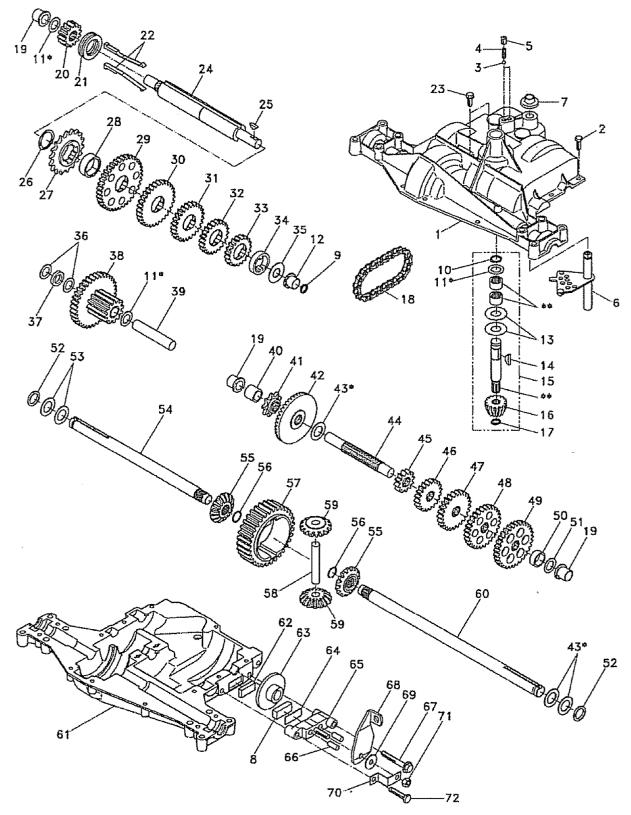
14 HP 38" TRACTOR - - MODEL NUMBER 917.255470

38" MOWER

i.

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
NO. 1 2 3 4 5 6 7 8 A 9 0 1 1 2 3 4 5 6 7 8 A 9 0 1 1 2 3 4 5 6 7 8 A 9 1 1 1 2 3 4 5 6 7 8 A 9 0 1 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	NO. 138026 STD541431 STD533107 7631J 138017 STD624008 130832 138440 132827 73800500 72140506 136929 110485X 128774 137645 129895 134148 129962 STD551137 850857 131290 128772 19111216 106736X 106735X 137607 105304X 129713X 19111016 110452X 78158 129963 129206 137266	Mower Housing Nut Boit Runner Mower Lh 10 00 Bracket Asm Fr Sway Bar Ret Spring Arm Asm Suspension Bracket Asm Deck Sway Bar Bolt Shoulder Thd Form 5/16-18 Locknut Hex W/Ins 5/16-18 Unc Bolt RdHd Sqnk 5/16-18 x 3/4 Stripper Mower Vented Bearing Ball Mandrel Housing Mandrel Vented (machd) Shaft Asm Mandrel Vented (Includes Key # 7) Bearing Ball #6204 (mandrel) Blade Mower Mulching 38 Washer Hard Blade Mower Vented Lockwasher Bolt 3/8-24x1 25 Gr8 Patched V-belt Mower 88 12 38" Runner Rh 38" Washer 11/32 X 3/4 X 16ga Shield Defector 38" Rod Hinge Brt/blk Zinc 9 88 Lg Bracket Deflector Mower Cap Sleeve 80x 112 Blk Mower Spring Deflector Washer 1 1/32 X 5/8 X 16 Ga Nut Push Phos & Oil Bolt 5/16-18 X 1 25 T/t Washer Spacer Mower Vented Pulley Mandrel 38" Single Nut 9/16top Lock Fing	39 40 41 42 43 44 54 67 51 52 53 45 56 57 89 60 61 26 97 71	NO. 74600636 19131612 131289 130840 17490512 131288 STD533717 STD560907 133551 133504 134666 STD624003 131870 127498 133573 127847 121748X 12000029 128903 127845 128759 133502 133503 106932X 132803 74930620 73750600 19132016 10040600 135651 138360	Bolt Hex 3/8-16 X 2-1/4 Washer Harden Rod Brake Mandrei Lh 4 856 Brake Asm Mower Vented Screw Thdrol 5/16-18 X 3/4 Tyt Rod Brake Mandrel Rh 10 744 Bolt Cotter Pin Rod Pivot W/nibs Rod Clutch Secondary W/nibs Rod Clutch Primary W/nibs Retainer Spring Return Bushing 747 Od X 794 Lg Brass Arm Asm Pnt Clutch Primary Arm Clutch Secondary Washer 25/32 X 1 5/8 X 16ga Ring Klip #t5304-75 Bolt Shoulder 3/8-16 Unc 1 44 Keeper Spring 4 000 Spring Clutch Mower 2 750 Zinc Spacer Arm Idler Upper Hdn 42" Stiffener Arm Idler Upper 42" Knob Rd 3/8-16 Plstc Thds Blk Cover Asm Mulcher Bolt 3/8-16 x 1-1/4 Mulcher Nut, Lock 3/8-16 Mulcher Washer 13/32 x 1-1/4 x 16 Ga. Washer Lock Hvy Hlcl Spr. 3/8 Nut Wing Deck Complete Mower (Std Deck - Order separately mulcher blade and mulcher cover components Key Nos. 16 and 61-74). Mandrel Asm (Includes Key
34 35 36 37 38	133840 131494 122052X 19131612 STD541437	Asm Idler Arm Pulley Idler Flat Spacer Retainer Pm Mower Washer 13/32 X 1 X 12 Ga Nut	NOT	E: All compor 1 inch = 25	#'s 12-14, 17-19, 31 and 33) nent dimensions given in U.S. inches. i.4 mm.

14 HP 38" TRACTOR - MODEL NUMBER 917.255470 DANA TRANSAXLE - MODEL NUMBER 4360-47

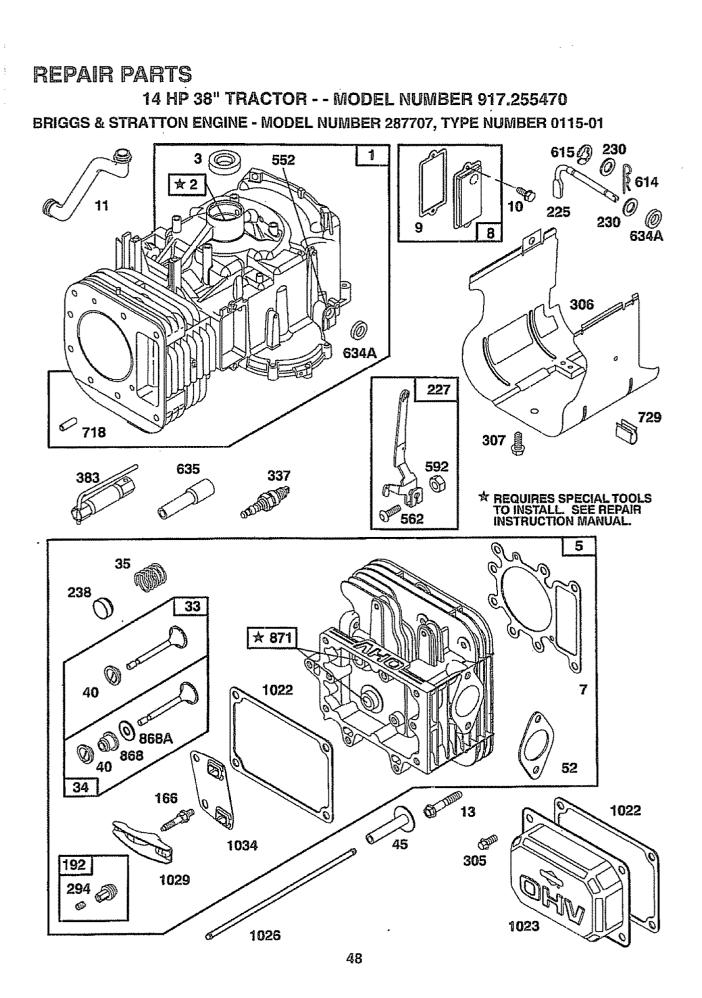


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REPAIR PARTS 14 HP 38" TRACTOR - MODEL NUMBER 917.255470 DANA TRANSAXLE - MODEL NUMBER 4360-47

distant in a

KEY NO.	PART NO.	DESCRIPTION	Key No.	PART NO.	DESCRIPTION
1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3	138248 2274J 134400 105904X 105905X 138235 134399 73810500 138241 2267J 138240 120415X 2257J 138234 110078X 105909X 105910X 105910X 105910X 105911X 138242 138246 138236 134791 138243 2244J 105916X 120470X 110070X 108977X 120405X 108980X 134796 138239 106596X 108980X 134796	Housing, Upper Screw, Self-Tapping, Large 1/4-20 x .734 Ball, Detent Spring, Detent Screw, Set Kit, Shifter Assembly Boot, Shifter Locknut 5/16-24 Square Ring Ring, Retaining * Assembly, Kit, Shim .625 Shaft Bearing, Flange Washer, Plain .632 x 1.38 x .046 Key, Woodruff, #9 Assembly, Kit, Input Shaft Pinlon, Bevel, 14 Teeth Ring, Retaining Chain, 24 Pitches Bearing, Flange Gear, Spur, 14 Teeth Collar, Clutch Assembly, Kit, Clutch Keys Screw, Self-Tapping, with Sealer Shaft, Intermediate Key, Woodruff, #61 Ring, Retaining Sprocket, 18 Teeth Spacer Gear, Spur, 37 Teeth Gear, Spur, 30 Teeth Gear, Spur, 19 Teeth Spacer 1.133 x 1.50 x .750 Screw, Self-Tapping 5/16-18 x 1.40 Washer, Plain .640 x 1.37 x .061 Washer, Plain .642 x 1.00 x .026 Spacer .630 x 1.00 x .169	39 40 41 42 44 44 44 44 44 55 55 55 55 55 55 66 62 34 56 66 66 66 66 77 1 *	124639X 120472X 105928X 110084X 134394 120473X 105933X 120407X 106589X 105937X 120523X 120951X 2226J 134401 2264J 120474X 110081X 10091X 100941X 110071X 120952X 110082X 120952X 120951X 120953X 120953X 120954X 134799 138244 108996X 120956X 120956X 120956X 120956X 120956X 120956X 120956X	Shaft, Idler Spacer .635 x .875 x .755 Sprocket 9 Teeth Gear, Bevel, 42 Teeth Assembly, Kit, Shim, .750 Shaft Shaft, Drive Gear, Spur, 12 Teeth Gear, Spur, 20 Teeth Gear, Spur, 20 Teeth Gear, Spur, 21 Teeth Spacer .781 x 1.00 x .750 Puck, Friction Washer, Plain .632 x 1.00 x .060 Washer, Neoprene Washer, Neoprene Washer, Plain .758 x 1.25 x .031 Axle, L.H. Gear, Miter, 15 Teeth Ring, Retaining Gear, Spur, 32 Teeth Shaft, Cross Gear, Miter, 15 Teeth Axle, R.H. Housing, Lower Puck, Friction Disc, Brake Spacer Jaw, Brake Pin, Dowel Screw, Self-Tapping 5/16-18 x 2.25 Lever, Actuating Washer, Plain .321 x 1.00 x .055 Bracket, Anti-Rotation Grease hations to maintain proper clearances mber 15
38	110079X	Assembly, Gear, Combination of 12 Teeth and 35 Teeth		1 inch = 25	ent dimensions given in U.S. inches .4 mm



الايرا مويدكم الحسور

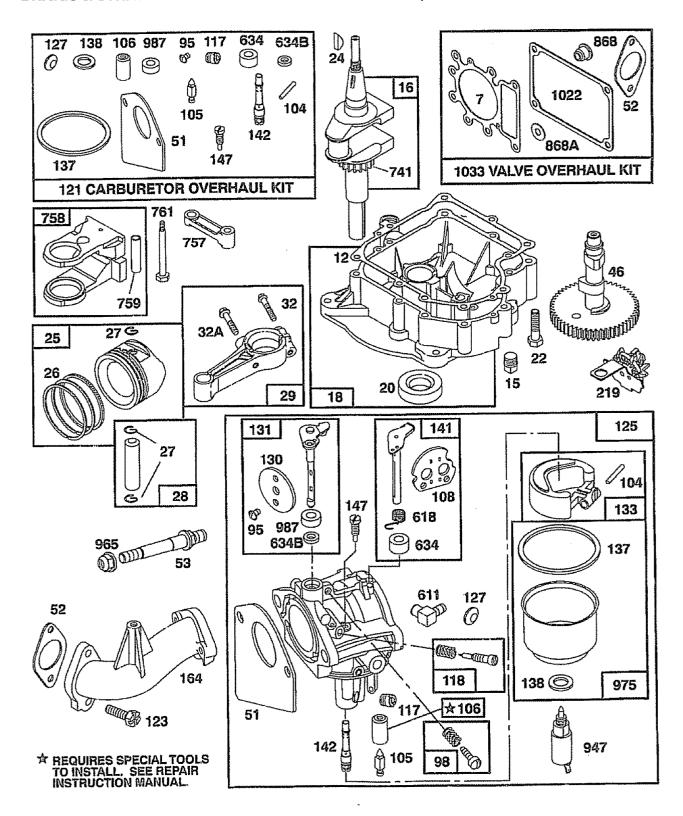
وواد المتحدين الح

REPAIR PARTS 14 HP 38" TRACTOR - - MODEL NUMBER 917.255470 BRIGGS & STRATTON ENGINE - MODEL NUMBER 287707, TYPE NUMBER 0115-01

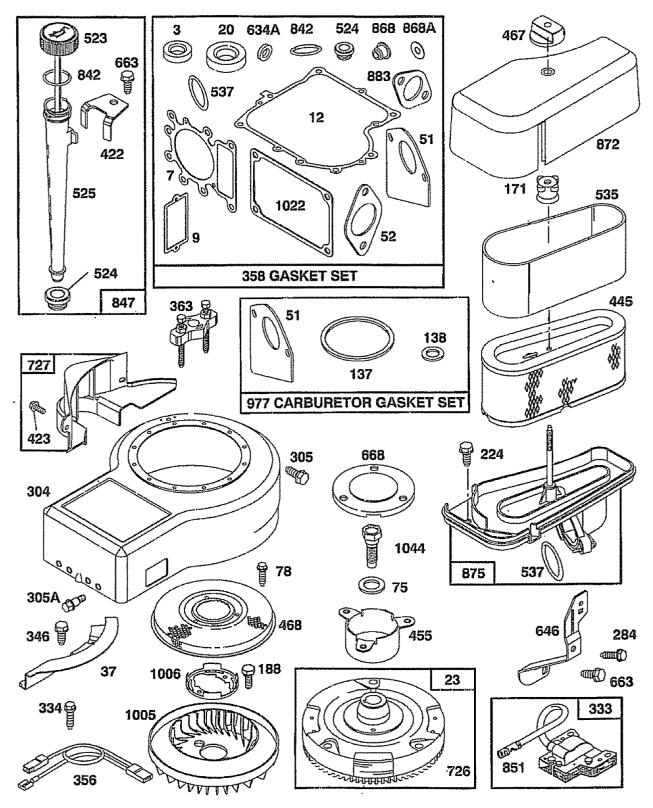
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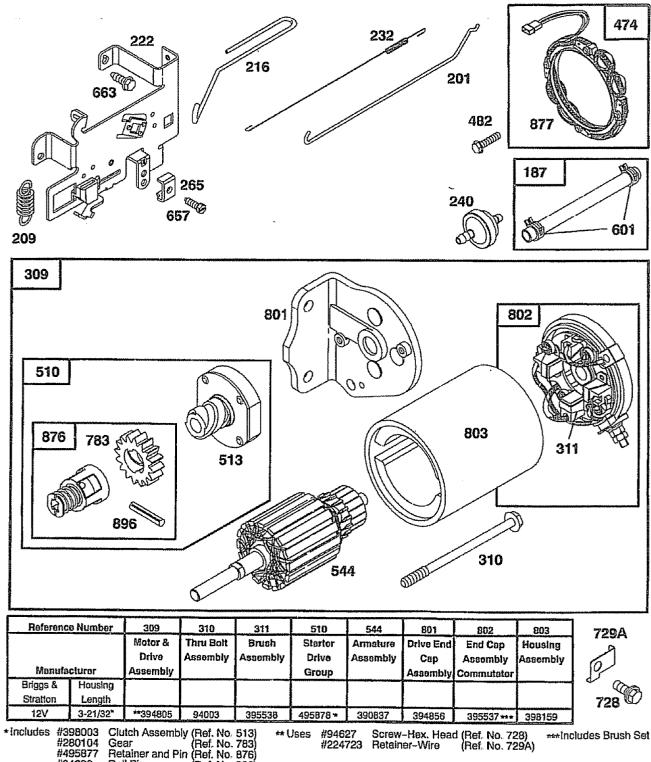
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REPAIR PARTS 14 HP 38" TRACTOR - - MODEL NUMBER 917.255470 BRIGGS & STRATTON ENGINE - MODEL NUMBER 287707, TYPE NUMBER 0115-01



14 HP 38" TRACTOR - - MODEL NUMBER 917.255470 BRIGGS & STRATTON ENGINE - MODEL NUMBER 287707, TYPE NUMBER 0115-01



#94288 **Roll Pin** (Ref. No. 896) #224723 Retainer-Wire

14 HP 38" TRACTOR - - MODEL NUMBER 917.255470 BRIGGS & STRATTON ENGINE - MODEL NUMBER 287707, TYPE NUMBER 0115-01

	PART NO.	DESCRIPTION		PART NO.	DESCRIPTION
1	495867	Cylinder Assembly	51	272465	Gasket, Carburetor
2 3	399265	Bearing, Cylinder	50	070560	(Carburetor to Elbow) Gasket, Carburetor
3	391086	Seal, Oll	52	272569	(Elbow to Cylinder)
5 7	495858 272614	Head, Cylinder Gasket, Cylinder Head	53	94637	Stud, Carburetor Mounting
8	495735	Breather Assembly	75	224061	Washer, Spring
ĝ	27803	Gasket, Valve Cover		94626	Screw, Sems
10	94621	Screw, Sems	95	94098 495800	Screw, Throttle Screw, Idle Speed
11	281246	Tube, Breather	104	231789	Pin, Float Hinge
12	271916 271997	Gasket, Crankcase Cover, 1/64" Gasket, Crankcase Cover, .005"		231855	Valve Float
	271996	Gasket, Crankcase Cover, 1009"		231854	Seat, Inlet Valve
13	94728	Screw, Cylinder Head		224540	Valve, Choke
15	94239	Plug, Oil Drain		231858	Jet, Needle Valve
16	495162	Crankshaft	118	495932	Valve, Needle Carburetor Overhaul Kit
	94196	Timing Gear Key	121	495799 94616	Screw, Elbow Mounting
18	494238	Bașe, Engine Seal, Oil	125	495935	Carburetor Assembly
20 22	291675 94624	Screw, Sems, Base Mounting	127		Plug, Welch (Sold in Kit Only)
23	492326	Flywheel and Ring Gear Assembly,	130	224539	Valve, Throttle
		Magneto		494379	Shaft and Lever, Throttle
24	222698	Key, Flywheel		494381	Float, Carburetor
25	495860	Piston Assembly, Standard Size		281165 281164	Gasket, Float Bowl Washer, Bowl
	495977	Piston Assembly, .010" Oversize Piston Assembly, .020" Oversize		495931	Shaft and Lever, Choke
	495978 495979	Piston Assembly, .020 Oversize		231859	Nozzle, Carburetor
26	495854	Ring Set, Piston, Standard Size	147	231794	Pilot, Jet
	495852	Ring Set, Piston, .010" Oversize	164	214053	Elbow, Carburetor
	495851	Ring Set, Piston, 020" Oversize		94555	Stud, Rocker Arm
	495855	Ring Set, Piston, .030" Oversize		281051	Nut, Air Cleaner Mounting Line, Fuel (11" Long, Cut to Suit)
27	260924	Lock, Piston Pin	187	393815 93535	Screw, Hex Head, 3/4
28	299691	Pin Assy, Piston, Standard Size	100	492160	Screw Assembly, Rocker Arm
29	391286 494504	Pin Assy., Piston, .005" Oversize Rod Assembly, Connecting		262767	Link, Governor
29	495490	Rod Assembly, Connecting,	209	260695	Spring, Governor
	400400	.020" Undersize Crankpin Bore		262766	Link, Choke
33	495856	Valve, Exhaust	219	490815	Gear, Governor
32	94695	Screw, Hex Washer Head, 1-57/64		495611	Plate, Governor Control
	94648	Screw, Hex Washer Head, 1-5/8	224	94729 231058	Screw, Sems, Air Cleaner Crank, Governor
34	495857	Valve, Intake		493935	Lever Assembly, Governor
35 37	262811 224502	Spring, Valve Guard, Flywheel	230	94742	Washer, Governor Crank
40	224641	Retainer, Valve Spring			· · · · · · · · · · · · · · · · · · ·
45	262411	Tappet, Valve	NO	TE: All compo	nent dimensions given in U.S. inches
46	494433	Gear, Cam		1 inch = 2	5.4 mm

14 HP 38" TRACTOR --- MODEL NUMBER 917.255470 BRIGGS & STRATTON ENGINE - MODEL NUMBER 287707, TYPE NUMBER 0115-01

Key No.	PART NO.	DESCRIPTION	Key No.	PART NO.
232	262785	Spring, Governor Link	635	280872
	262836	Cap, Valve	646	224546
	394358	Filter, Fuel (In Fuel Line)	657	
	221535	Clamp, Casing		94620
	94326	Screw, Hex Head		280848
	810068		740	230192
		Screw, Set		392134
	494268	Housing, Blower	120	392104
305	94513	Screw, Hex, Head,		100001
	04704	Blower Housing Mounting	727	490324
305A	94734	Screw, Hex Head,	729	
	00 4000	Blower Housing Mounting	741	262932
	224696	Shield, Cylinder	757	
	94623	Screw, Cylinder Shield	758	399891
	495859	Armature, Magneto		298909
	93381	Screw, Sems, Armature Mounting	761	94593
337	491055	Plug, Spark		270920
	93705	Screw, Hex Head	847	
	495719	Wire Assembly	851	
	495993	Gasket Set		494435
	19203	Puller, Flywheel		2726
	89838	Wrench, Spark Plug	871	262835
422	224390	Clamp, Oll Filler Tube Screw, Sems	872	
423	94073	Screw, Sems	875	495862
445	493909	Cartridge, Air Cleaner	877	393456
455	222561	Cup, Screen Mounting	947	495739
467	493903	Knob, Air Cleaner	965	94108
468	222562	Screen, Flush Rotating	975	495933
	393474	Stator, Alternator	977	494385
	93621	Screw, Sems	987	281166
	495230	Cap and Dipstick, Oil Filler	1005	2806
	68838	Seal, Filler Tube	1006	
	280741	Tube, Oil Filler	1022	
	272403	Element, Filter	1023	
537	281106	O-Ring, Air Cleaner	1026	
	231597	Bushing, Governor Crank		4951
	92613	Bolt, Governor Lever	1029	
592	231082	Nut, Hex	1033	
	93053	Clamp, Fuel Pipe	1034	
	493496	Elhow Eucl Dine	1044	
		Elbow, Fuel Pipe	1044	340/
	93306	Pin, Cotter Potainar, E. Ping		RPM S
	93307	Retainer, E-Ring		
	262803	Spring, Choke Return		
	281168	Seal, Choke Shaft	NOT	E: All c
	491323	Seal, Governor	10/1	
634E	3 281167	Washer, Throttle Shaft		1 inc

).	NO.

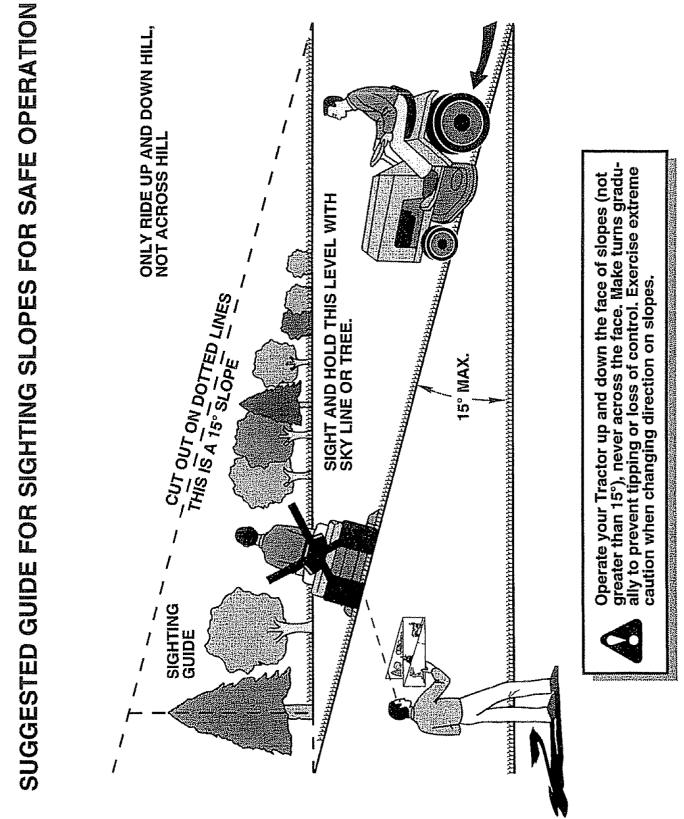
280872 Elbow, Spark Plug Brace, Air Cleaner 224546 Screw, Sems Screw, Hex Head 93496 94620 280848 Spacer Pin, Dowel 230192 Gear, Ring (Includes Mounting Hardware) 392134 490324 ~ Cover, Starter Clip, Wire Gear, Timing Link, Counterweight 262616 262932 213998 399891 Counterweight Assembly 298909 Pin, Counterweight Screw, Counterweight Seal, Oll Filler Cap 94593 270920 Fill Group, Oll 490474 224110 Terminal, Ignition Cable 494435 Seal Assembly, Valve 272610 Gasket, Valve Bushing, Guide (Intake & Exhaust) Cover, Air Cleaner 262835 281104 Body, Air Cleaner 495862 Diode and Connector Assembly 393456 Solenoid 495739 94108 Nut, Hex Bowl Assembly, Carburetor 495933 494385 Carburetor Gasket Set Seal, Throttle Shaft Fan, Flywheel 281166 280687 224413 Retainer, Fan 272475 Gasket, Cover Gover, Rocker Arm Rod, Push, Intake Rod, Push, Exhaust 224552 494432 495136 Arm, Rocker 224554 495992 Valve Overhaul Kit Guide Assembly, Push Rod 495248 Screw, Hex Head 94673

DESCRIPTION

RPM Settings: Low Speed: 1550-1950 High Speed: 3200-3400

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

SERVICE NOTES



<i>SEARS</i> OWNER'S MANUAL	CRAFTSMAN® 14.0 HP OHV ELECTRIC START 38" MOWER 3 in One Convertible 5 SPEED TRANSAXLE LAWN TRACTOR
MODEL NO. 917.255470	Each tractor has its own model number. Each engine has its own model number.The model number for your tractor will be found on the model plate located under the seat.The model number for your engine will be found on the blower housing of the engine.All parts listed hereih may be ordered from any Sears, Roebuck and Co. Service Center/Department and most Retail Stores.
HOW TO ORDER REPAIR PARTS	 WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION: PRODUCT - LAWN TRACTOR MODEL NUMBER - 917.255470 ENGINE MODEL NO 287707, TYPE NO. 0115-01 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, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.