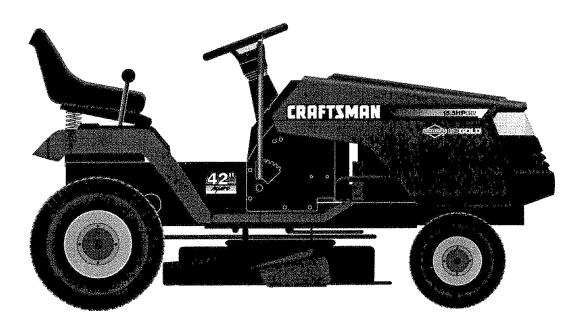


CREFTSMEN®

MODEL NUMBER 917.256890 OWNER'S MANUAL

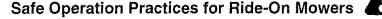
- Assembly
- Operation
- Customer Responsibilities
- Service and Adjustments
- Repair Parts



CAUTION: Read and follow all safety rules and instructions before operating this equipment. FOR CONSUMER ASSISTANCE HOT LINE, CALL THIS TOLL FREE NUMBER: 1-800-659-5917

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

SAFETY RULES



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.

A WARNING A

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. **CONGRATULATIONS** on your purchase of a Sears 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 Authorized Service Center/Department. We have competent, welltrained technicians and the proper tools to service or repair this tractor.

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	917.256890			
 SERIAL NUMBER				
DATEOFPUR	CHASE			

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

PRODUCT SPECIFICATIONS

HORSEPOWER:	15.5
GASOLINE CAPACITY AND TYPE:	1.25 GALLONS UNLEADED REGULAR
OIL TYPE (API-SF/SG):	SAE 30 (above 32°F) SAE 5W-30 (below 32°F)
OIL CAPACITY:	3 PINTS
SPARK PLUG: (GAP: .030")	CHAMPION RJ19LM
VALVE CLEARANCE:	INTAKE: .005"007" EXHAUST: .009"011"
GROUND SPEED (MPH):	FORWARD: 5.7 REVERSE: 2.7
TIRE PRESSURE:	FRONT: 14 PSI REAR: 12 PSI
CHARGING SYSTEM:	3 AMPS BATTERY 5 AMPS HEADLIGHTS
BATTERY:	AMP/HR: 25 MIN. CCA: 190 CASE SIZE: U1R
BLADE BOLT TORQUE:	30-35 FT, LBS,

WARNING: This tractor 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/ Department (See REPAIR PARTS section of this manual).

LIMITED TWO YEAR WARRANTY ON CRAFTSMAN RIDING EQUIPMENT

For two (2) years from the date of purchase, if this Craftsman 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, belts, etc.
- Tire replacement or repair caused by punctures from outside objects, such as nails, thorns, 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 ninety (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.

IN-HOME WARRANTY SERVICE ON YOUR CRAFTSMAN BIDING EQUIPMENT IS AVAILABLE AT NO-CHARGE FOR 30 DAYS FROM THE DATE OF PURCHASE. PLEASE CONTACT YOUR NEAREST SERVICE CENTER. AFTER 30 DAYS FROM THE DATE OF PURCHASE, WARRANTY SERVICE IS AVAILABLE BY TAKING YOUR CRAFTSMAN RIDING EQUIPMENT TO YOUR NEAREST SEARS SERVICE CENTER. (IN-HOME WARRANTY SERVICE WILL STILL BE AVAILABLE AFTER 30 DAYS FROM THE DATE OF PURCHASE BUT A STANDARD TRIP CHARGE WILL APPLY.) THIS WARRANTY APPLIES ONLY WHILE THIS PRODUCT IS 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, IL 60179

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ACCESSORIES AND ATTACHMENTS

These accessories and attachments were available through most Sears retail outlets and service centers when the tractor was purchased. Most Sears stores can order these items for you when you provide the model number of your tractor.

ENGINE MAINTENANCE SPARK PLUG GAS CAN ENGINE OIL FUEL STABILIZER AIR FILTER Image: Construction of the stability of the s

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.

AERATOR promotes deep root growth for a healthy lawn. Tappered 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.

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

BUMPER protects front end of tractor from damage.

CARTS make hauling easy. Variety of sizes available, plus accessories such as side panel kits, tool caddy, cart cover, protective mat and dolly.

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,

EASY OIL DRAIN VALVE makes oil changes easier, faster.

FRONT NOSE ROLLER canters in front of mower deck to reduce chances of "scalping" on uneven terrain.

GANG HITCH lets you tow 2 or 3 pull-behind attachments at once, such as sweepers, dethatchers, aerators (not for use with rollers, carts or other heavy attachments).

GAUGE WHEELS on both sides of the mower deck reduce chances of "scalping" on uneven terrain. For mower decks not so equipped.

MULCH RAKE/DETHATCHER loosens soil and flips thatch and matted leaves to lawn surface for easy pickup. Twenty spring tine teeth. Useful to prepare bare areas for seeding. Available for front or rear mounting. HIGH PERFORMANCE REEL-ACTION SPRING TINE DETHATCHER covers 36-inch wide path and tosses thatch into large hopper. Mounts behind tractor.

MULCHING CLOSE-OUT PLATE KIT, once installed, lets you mulch, discharge or bag clippings (bagger optional) without changing blades. For models not equipped as 3-in-1 Convertible mowers. See "MOWER" in the Repair Parts section of this manual.

RAMP TOPS AND FEET let you load and unload tractor from a pickup truck. Use with 2 x 8 or 2 x 10 lumber.

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.

SNOW BLADE for snow removal only. 14-inch high, 48-inch wide blade clears 42-inch path when angled left or right. Raises, lowers with side lever. Adjustable skids; replaceable, reversible scraper bar. (Use with tire chains and wheel weights and/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 and wheel weights and/or rear drawbar weight.)

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

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

SWEEPERS let you collect grass clippings and leaves.

TILLER has 5 hp engine and 36-inch swath to prepare seed beds, cultivate and compost garden residue. Tiller has its own built-in lift and depth control system and does NOT require a sleeve hitch. Fits any lawn, yard or garden tractor. Simply hook up to the tractor drawbar and go! **Optional accessories** convert unit for dethatching, aerating, hilling...without tools.

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

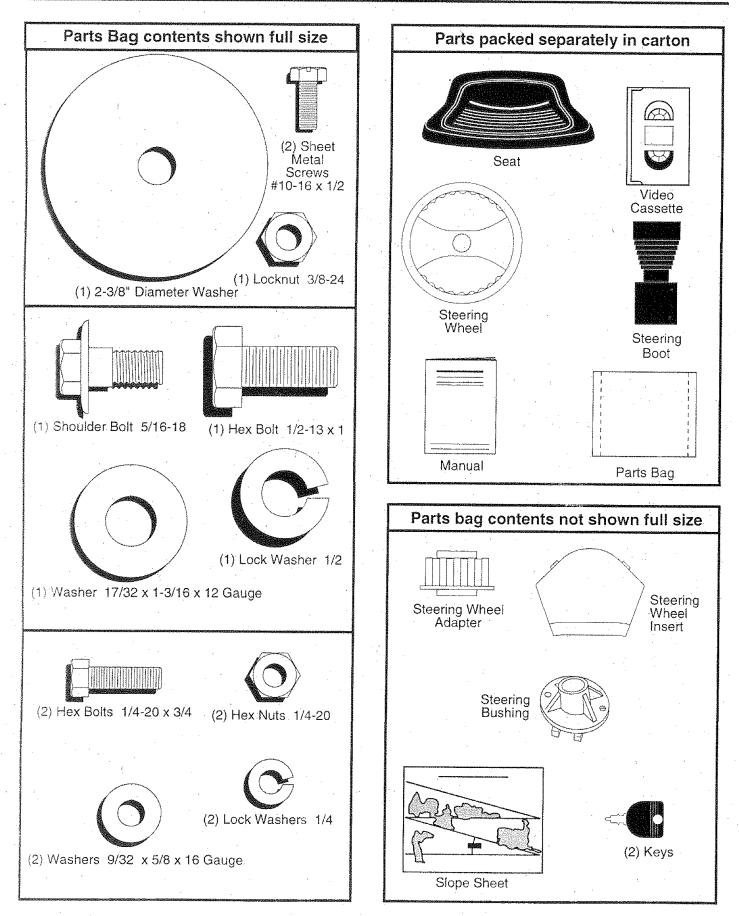
TRACTOR CAB has heavy duty vinyl fabric over tubular steel frame, ABS plastic top; clear plastic windshield offers 360 degree visibility. Hinged metal doors with catch. Keeps operator warm and dry. Remove vinyl sides and windshields for use as sun protector in summer. **Optional accessories include:** tinted/ tempered solid safety glass windshield with hand operated wiper; 12-volt amber caution light for mounting on cab top.

VACS for powerful collection of heavy grass clippings and leaves. Optional wand attachment to pick up debris in hard-to-reach places. VAC/CHIPPER includes a chipper-shredder.

WEIGHT BRACKET for drawbar for snow removal applications. Uses (1) 55 lb. weight.

WHEEL WEIGHTS for rear wheels provide needed traction for snow removal or dozing heavy materials.

CONTENTS OF HARDWARE PACK



ASSEMBLY

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	(1) 9/16" wrench
(2) 7/16" wrenches	Tire pressure gauge
(1) 1/2" wrench	Utility knife

(1) 3/4" 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.

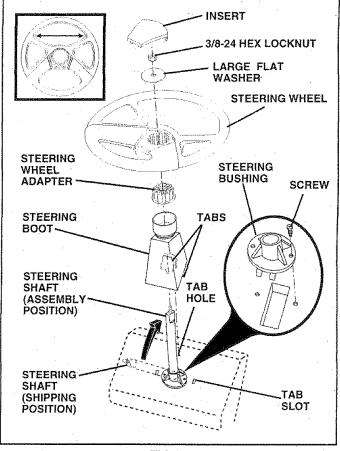


FIG. 1

TO ROLL TRACTOR OFF SKID (See Operation section for location and function of controls)

- Press lift lever plunger and raise attachment lift lever to its highest position.
- Release parking brake by depressing clutch/brake pedal.
- Place freewheel control in freewheeling position to disengage transmission (See "TO TRANSPORT" in the Operation section of this manual).
- Roll tractor backwards off skid.
- Remove banding holding discharge guard up against tractor.

ASSEMBLY

CONNECT BATTERY (See Figs. 2 and 3)



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

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

- Remove cardboard packing from seat pan and lift seat pan to raised position.
- Open battery box door.
- Remove terminal protective caps and discard.
- If this battery is put into service after month and year indicated on label (label located between terminals) charge battery for minimum of one hour at 6-10 amps.
- First connect RED battery cable to positive (+) terminal with hex bolt, flat washer, lock washer and hex nut as shown. Tighten securely.
- Connect BLACK grounding cable to negative (-) 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 .

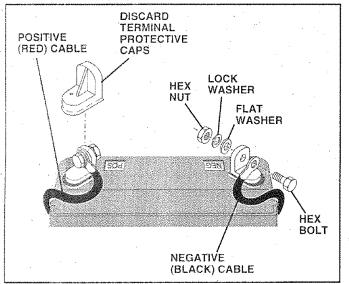


FIG. 2

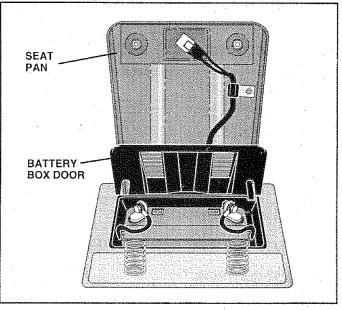
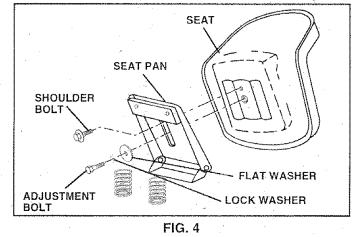


FIG. 3

INSTALL SEAT (See Fig. 4)

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.



ASSEMBLY

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.

√ 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.

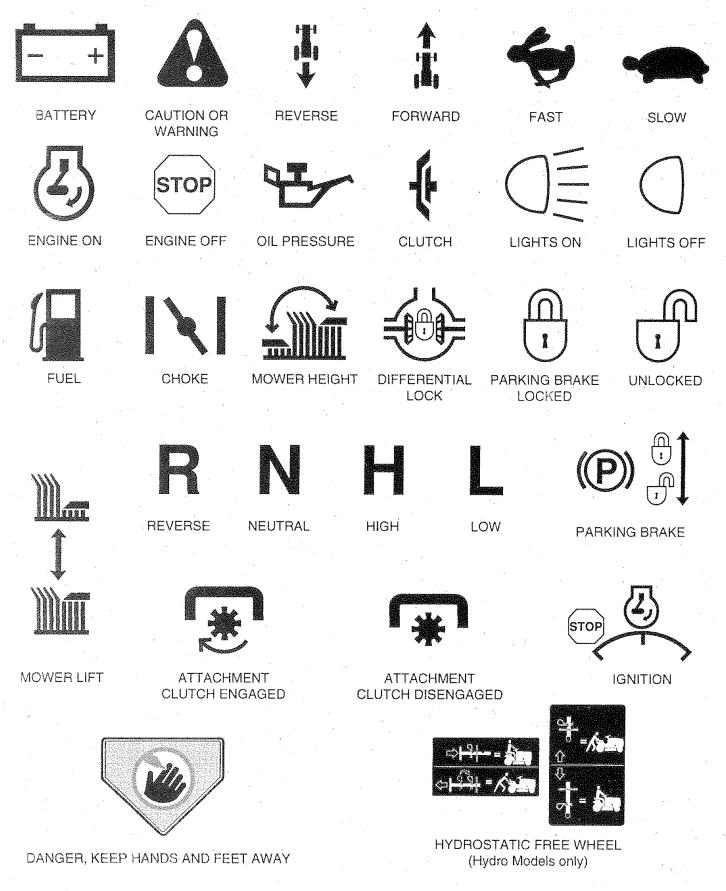
PLEASE REVIEW THE FOLLOWING CHECKLIST:

- ✓ 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.
- Before driving tractor, be sure freewheel control is in drive position.

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.
- ✓ It is important to purge the transmission before operating your tractor for the first time. Follow proper starting and transmission purging instructions (See "TO START ENGINE" and "PURGE TRANSMISSION" in the Operation section of this manual).

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



KNOWYOURTRACTOR

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.

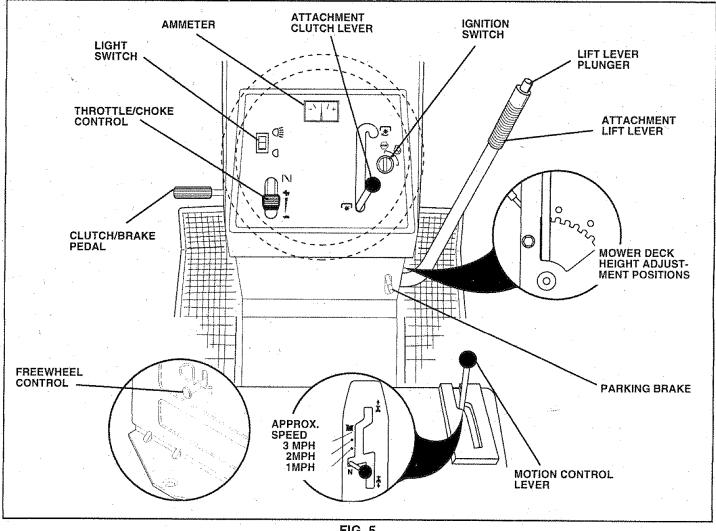


FIG. 5

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

AMMETER: Indicates charging (+) or discharging (-) of battery.

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.

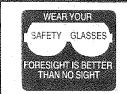
MOTION CONTROL LEVER: Selects the speed and direction of tractor.

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.

FREEWHEEL CONTROL - Disengages transmission for pushing or slowly towing the tractor with the engine off.



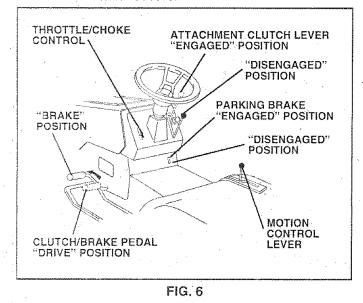
The operation of any tractor can result in foreign objects thrown into the eyes, which can result in severe eye damage. Always wear safety glasses or eye shields while operating your tractor or performing any adjustments or repairs. We recommend a wide vision safety mask over the spectacles or standard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

HOW TO USE YOUR TRACTOR

TO SET PARKING BRAKE (See Fig. 6)

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 off 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. 6)

MOWER BLADES -

 Move attachment clutch lever to "DISENGAGED" position.

GROUND DRIVE -

- Depress clutch/brake pedal into full "BRAKE" position.
- Move motion control lever to neutral (N) position.

IMPORTANT: THE MOTION CONTROL LEVER DOES NOT RETURN TO NEUTRAL (N) POSITION WHEN THE CLUTCH/BRAKE PEDAL IS DEPRESSED.

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. **NOTE:** Under certain conditions when tractor is standing idle with the engine running, hot engine exhaust gases 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. 6)

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. 6)

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

- Start tractor with motion control lever in neutral (N) position.
- Release parking brake and clutch/brake pedal.
- Slowly move motion control lever to desired position.

TO ADJUST MOWER CUTTING HEIGHT (See Fig. 5)

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.

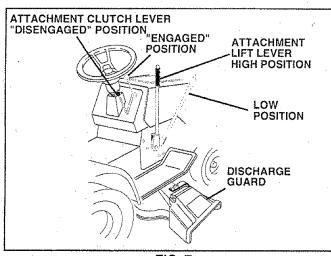
TO OPERATE MOWER (See Fig. 7)

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 attachment 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.

• Never use choke to stop engine.

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





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 motion control lever to neutral (N) position.

IMPORTANT: THE MOTION CONTROL LEVER DOES NOT RETURN TO NEUTRAL (N) POSITION WHEN THE CLUTCH/BRAKE PEDAL IS DEPRESSED.

- To restart movement, slowly release parking brake and clutch/brake pedal.
- Slowly move motion control lever to slowest setting.
- Make all turns slowly.

TO TRANSPORT (See Fig. 8)

When pushing or towing your tractor, be sure to disengage transmission by placing freewheel control in freewheeling position. Free wheel control is located at the rear drawbar of tractor.

- Raise attachment lift to highest position with attachment lift control.
- Pull freewheel control knob out and hold in position by inserting retainer spring into forward hole of control rod.
- Do not push or tow tractor at more than two (2) MPH.
- To reengage transmission, reverse above procedure.
- **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.).

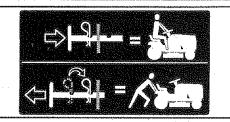


FIG. 8

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 cap/dipstick and wipe clean, reinsert the dipstick 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 with a minimum of 87 octane. (Use of leaded gasoline will increase carbon and lead oxide deposits and reduce valve life). Do not mix oil with gasoline. Purchase fuel in quantities that can be used within 30 days to assure fuel freshness.

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. 6)

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

- Depress clutch/brake pedal and set parking brake.
- Place motion control lever in neutral (N) position.
- Move attachment clutch to "DISENGAGED" position.
- Move throttle control to choke (|\) position.

Note: Before starting, read the warm and cold starting procedures below.

Insert key into ignition and turn 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 the engine does not start after several attempts, move throttle control to fast (4)

position, wait a few minutes and try again. If engine still does not start, move the throttle control back to the choke (|X|) position and retry.

WARM WEATHER STARTING (50° F and above)

- When engine starts, move the throttle control to the fast () position.
- The attachments and ground drive can now be used. If the engine does not accept the load, restart the engine and allow it to warm up for one minute using the choke as described above.

COLD WEATHER STARTING (50° F and below)

When engine starts, allow engine to run with the throttle control in the choke (1) position until the engine runs roughly, then move throttle control to fast (🍲) position. This may require an engine warm-up period from several seconds to several minutes, depending on the temperature.

HYDROSTATIC TRANSMISSION WARM UP

- Before driving the unit in cold weather, the transmission should be warmed up as follows:
 - Be sure the tractor is on level ground.
 - Place the motion control lever in neutral. Release the parking brake and let the clutch/brake slowly return to operating position.
 - Allow one minute for transmission to warm up. This can be done during the engine warm up period.
- The attachments can also be used during the engine warm-up period after the transmission has been warmed up.

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.

PURGE TRANSMISSION



CAUTION: Never engage or disengage freewheel lever while the engine is running.

To ensure proper operation and performance, it is recommended that the transmission be purged before operating tractor for the first time. This procedure will remove any trapped air inside the transmission which may have developed during shipping of your tractor.

IMPORTANT: SHOULD YOUR TRANSMISSION REQUIRE REMOVAL FOR SERVICE OR REPLACEMENT, IT SHOULD BE PURGED AFTER REINSTALLATION **BEFORE OPERATING THE TRACTOR.**

- Place tractor safely on level surface with engine off and parking brake set.
- Disengage transmission by placing freewheel control in freewheeling position (See "TO TRANSPORT" in this section of manual).
- Sitting in the tractor seat, start engine. After the engine With motion control lever in neutral (N) position, slowly disengage clutch/brake pedal.
- Move motion control lever to full forward position and hold for five (5) seconds. Move lever to full reverse 14

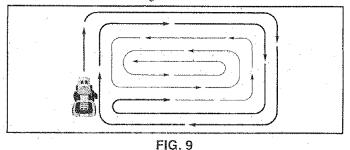
position and hold for five (5) seconds. Repeat this procedure three (3) times.

NOTE: During this procedure there will be no movement of drive wheels. The air is being removed from hydraulic drive system.

- Move motion control lever to neutral (N) position. Shutoff engine and set parking brake.
- Engage transmission by placing freewheel control in driving position (See "TO TRANSPORT" in this section of manual).
- Sitting in the tractor seat, start engine. After the engine is running, move throttle control to half (1/2) speed. With motion control lever in neutral (N) position, slowly disengage clutch/brake pedal.
- Slowly move motion control lever forward, after the tractor moves approximately five (5) feet, slowly move motion control lever to reverse position. After the tractor moves approximately five (5) feet return the motion control lever to the neutral (N) position. Repeat this procedure with the motion control lever three (3) times.
- Your tractor is now purged and now ready for normal operation.

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 machine. 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. 9).
- 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.



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1 - Change more often when operating under a heavy load or in high ambient temperatures.

2 - Service more often when operating in dirty or dusty conditions.

3 - If equipped with oil filter, change oil every 50 hours.

4 - Replace blades more often when mowing in sandy soil.

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.

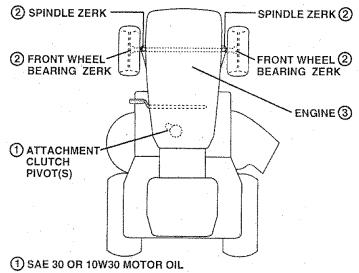
BEFORE EACH USE

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

5 - If equipped with adjustable system.

6 - Not required if equipped with maintenance-free battery. 7 - Tighten front axle pivot bolt to 35 ft.-lbs. maximum. Do not overtighten,

LUBRICATION CHART



(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 LUBRI-CANTS 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, POW-15 DERED GRAPHITE TYPE LUBRICANT SPARINGLY.

TRACTOR

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. 10)

- 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 the blade is balanced.

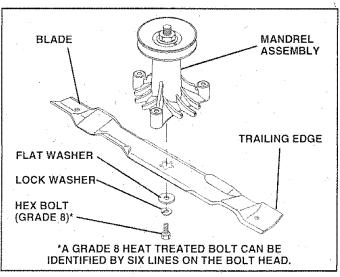


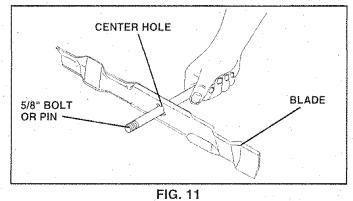
FIG. 10

TO SHARPEN BLADE (See Fig. 11)

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.



BATTERY

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.

- Keep battery and terminals clean.
- Keep battery bolts tight.
- Keep small vent holes open.
- Recharge at 6-10 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.
- 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 "CONNECT BATTERY" in the Assembly section of this manual).

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

The fan and cooling fins of transmission should be kept clean to assure proper cooling.

Do not attempt to clean fan or transmission while engine is running or while the transmission is hot.

- Inspect cooling fan to be sure fan blades are intact and clean.
- Inspect cooling fins for dirt, grass clippings and other materials. To prevent damage to seals, do not use compressed air or high pressure sprayer to clean cooling fins.

TRANSAXLE PUMP FLUID

The transaxle was sealed at the factory and fluid maintenance is not required for the life of the transaxle. Should the transaxle ever leak or require servicing, contact your nearest authorized service center/department.

ENGINE

LUBRICATION (See Fig. 12)

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

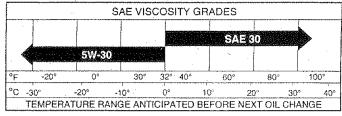


FIG. 12

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 operation. Tighten oil fill cap/dipstick securely each time you check the oil level.

TO CHANGE ENGINE OIL (See Fig. 13)

Determine temperature range expected before oil change. All oil must meet API service classification SF or SG.

- Be sure tractor is on level surface.
- Oil will drain more freely when warm.
- Catch oil in a suitable container.
- Remove oil fill cap/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 cap/dipstick for checking level. Be sure dipstick cap is tightened securely for accurate reading. Keep oil at "FULL" line on dipstick.

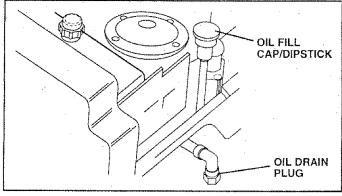


FIG. 13

AIR FILTER (See Fig. 14)

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

Service air cleaner more often under dusty conditions.

Remove 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.
- If very dirty or damaged, replace pre-cleaner.
- Reinstall pre-cleaner over cartridge.
- Reinstall cover and secure with knob(s).

TO SERVICE CARTRIDGE

- Remove cartridge nut.
- Carefully remove cartridge to prevent debris from entering carburetor. Clean base carefully to prevent debris from entering carburetor.
- Clean cartridge by tapping gently on flat surface. If very dirty or damaged, replace cartridge.
- Reinstall cartridge, 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.

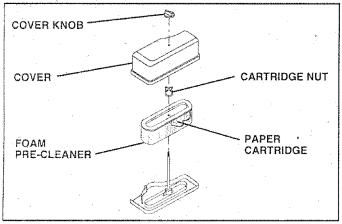


FIG. 14

CLEAN AIR SCREEN (See Fig. 15)

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. 15)

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

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

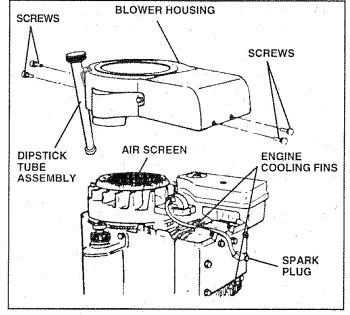


FIG. 15

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 occurs first. Spark plug type and gap setting are shown in "PRODUCT SPECIFICATIONS" on page 3 of this manual.

IN-LINE FUEL FILTER (See Fig. 16)

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 with arrow pointing towards carburetor.
- Be sure there are no fuel line leaks and clamps are properly positioned.
- Immediately wipe up any spilled gasoline.

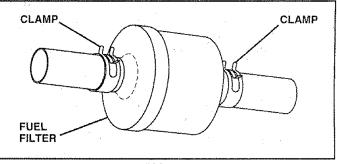


FIG. 16

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 motion control lever in neutral (N) 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. 17)

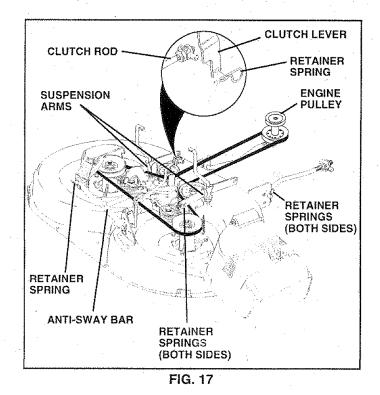
Mower will be easier to remove from the right side of tractor.

- 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.
- Paise 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, REMOVE THE FRONT LINKS.

TO INSTALL MOWER (See Fig. 17)

- 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.



TO LEVEL MOWER HOUSING

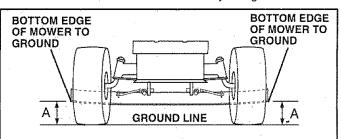
Adjust the mower while tractor is parked on level ground or driveway. Make sure tires are properly inflated (See "PRODUCT SPECIFICATIONS" on page 3 of this manual). If tires are over or underinflated, you will not properly adjust your mower.

SIDE-TO-SIDE ADJUSTMENT (See Figs. 18 and 19)

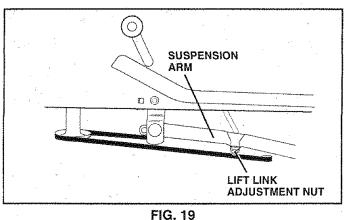
- Raise mower to its highest position.
- At the midpoint of both sides of mower, measure height from bottom edge of mower to ground. Distance "A" on both sides of mower should be the same or within 1/4" of each other.
- If adjustment is necessary, make adjustment on one side of mower only.
- To raise one side of mower, tighten lift link adjustment nut on that side.
- To lower one side of mower, loosen lift link adjustment nut on that side.

NOTE: Each full turn of adjustment nut will change mower height about 1/8".

· Recheck measurements after adjusting.







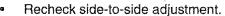


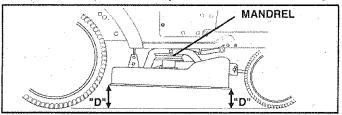
FRONT-TO-BACK ADJUSTMENT (See Figs. 20 and 21) IMPORTANT: DECK MUST BE LEVEL SIDE-TO-SIDE. IF THE FOLLOWING FRONT-TO-BACK ADJUSTMENT IS NECESSARY, BE SURE TO ADJUST BOTH FRONT LINKS EQUALLY SO MOWER WILL STAY LEVEL SIDE-TO-SIDE.

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.





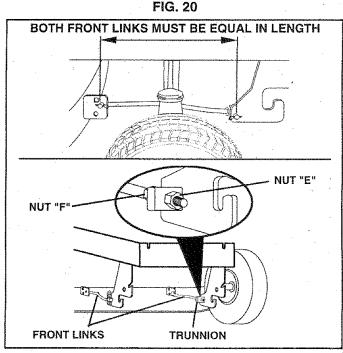


FIG. 21

TO REPLACE MOWER BLADE DRIVE BELT (See Fig. 22)

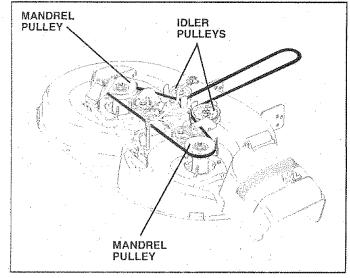
The mower blade drive belt may be replaced without tools. Park the tractor on level surface. Engage parking brake.

BELT REMOVAL -

- Remove mower from tractor (See "TO REMOVE MOWER" in this section of this manual).
- 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.
- Install mower in reverse order of removal instructions.





TO ADJUST BRAKE (See Fig. 23)

Your tractor is equipped with an adjustable brake system which is mounted on the 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 1-3/4", loosen jam nut and turn nut "A" until distance becomes 1-3/4". Retighten jam nut against nut "A".
- 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/department.

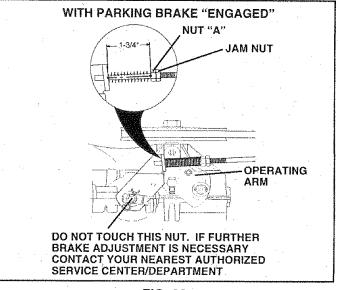


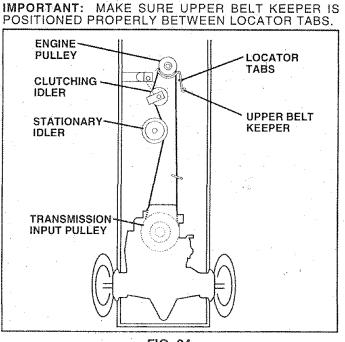
FIG. 23

TO REPLACE MOTION DRIVE BELT (See Fig. 24)

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. Carefully remove belt upwards from transmission input pulley and over cooling fan blades.
- Pull belt toward front of tractor and remove downward from around engine pulley.

Install new belt by reversing above procedure.



TO ADJUST MOTION CONTROL LEVER (See Fig. 25)

The motion control lever has been preset at the factory and adjustment should not be necessary.

If for any reason the motion control lever will not hold its position while at a selected speed, it may be adjusted at the friction pack located on the right side of transmission.

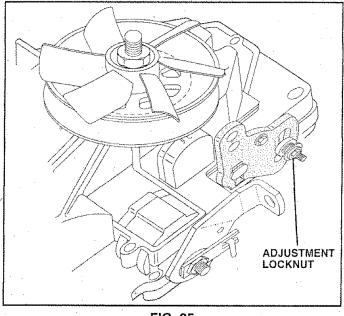
- Park tractor on level surface. Stop tractor by turning ignition key to "OFF" position, and engage parking brake.
- Adjust motion control lever by tightening adjustment locknut one half (1/2) turn.

NOTE: If for any reason the effort to move the motion control lever becomes too excessive, reverse the above adjustment procedure by loosening locknut 1/4 to 1/2 turn.

Road test tractor after adjustment and repeat procedure if necessary.

TRANSMISSION REMOVAL/REPLACEMENT

Should your transmission require removal for service or replacement, it should be purged after reinstallation and before operating the tractor. See "PURGE TRANSMIS-SION" in the Operation section of this manual.





TO ADJUST STEERING WHEEL ALIGNMENT

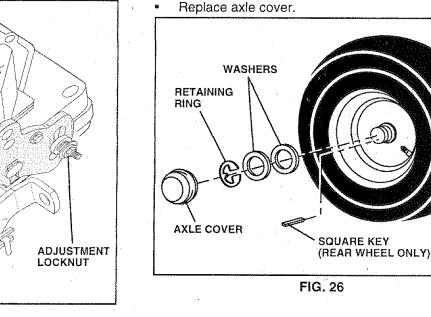
If steering wheel crossbars are not horizontal (left to right) when wheels are positioned straight forward, remove steering wheel and reassemble per instructions in the Assembly section of this manual.

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/department.

TO REMOVE WHEEL FOR REPAIRS (See Fig. 26)

- Block up axie 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.



TO START ENGINE WITH A WEAK BATTERY (See Fig. 27)



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 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.

POSITIVE TERMINAL HASSIS CHASSIS POSITIVE TERMINAL POSITIVE TERMINAL NEGATIVE TERMINAL

FIG. 27

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.

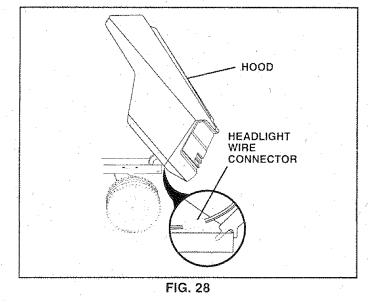
 Check wiring. See electrical wiring diagram in Repair Parts section of this manual.

TO REPLACE FUSE

Replace with 30 amp automotive-type plug-in fuse. The fuse holder is located behind the dash.

TO REMOVE HOOD AND GRILL ASSEMBLY (See Fig. 28)

- Raise hood.
- Unsnap headlight wire connector.
- Stand in front of tractor. Grasp hood at sides, tilt toward engine and lift off of tractor.
- To replace, reverse above procedure.

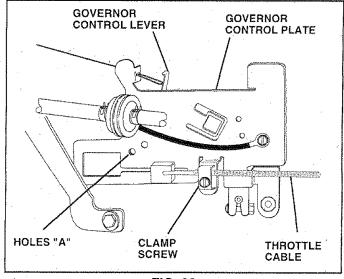


ENGINE

TO ADJUST THROTTLE CONTROL CABLE (See Fig. 29)

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:

- 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.





TO ADJUST CARBURETOR (See Fig. 30)

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 giving 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 carburetor 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 -

- Start engine and allow to warm for five minutes. Make final adjustments with engine running and shift/motion control lever in neutral (N) position.
- 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 -

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/ DEPARTMENT, WHICH HAS PROPER EQUIPMENT AND EXPERIENCE TO MAKE ANY NECESSARY ADJUSTMENTS.

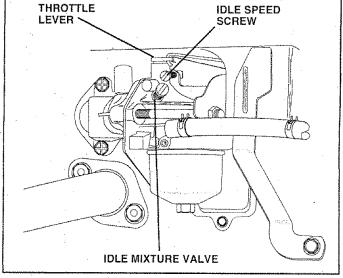


FIG. 30

STORAGE

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 nuts, 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 SYSTEMPARTS 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. Bun 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

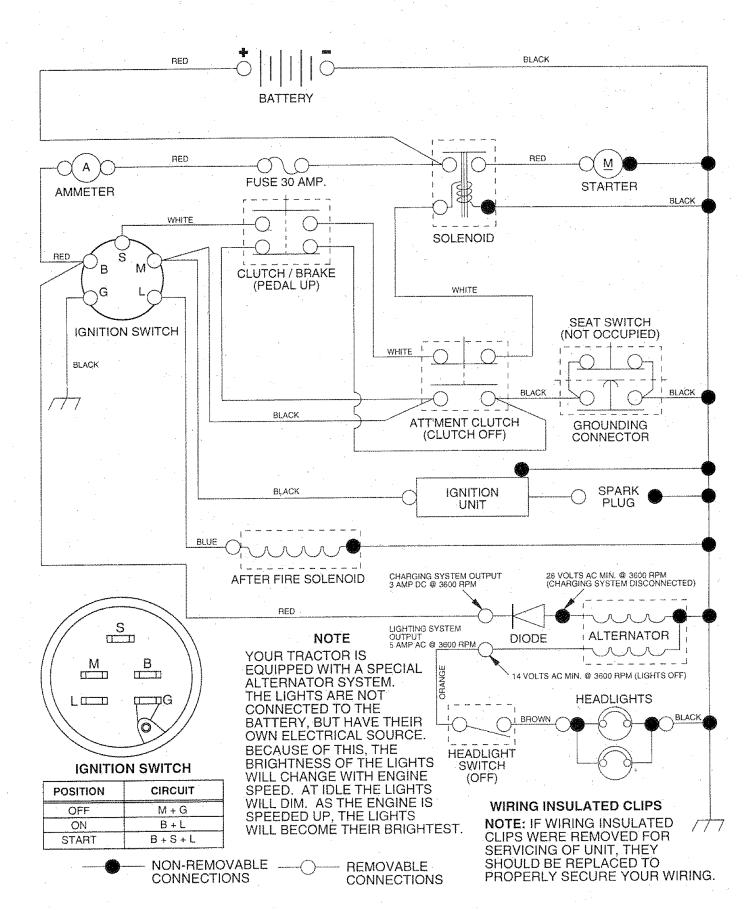
PROBLEM	CAUSE	CORRECTION
Will not start	 Out of fuel. Engine not "CHOKED" properly. Engine flooded. Bad spark plug. Dirty air filter. Dirty fuel filter. Water in fuel. Loose or damaged wiring. Carburetor out of adjustment. Engine valves out of adjustment. 	 Fill fuel tank. See "TO START ENGINE" in Operation 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. See "To Adjust Carburetor" in Service Adjustments section. 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. See "To Adjust Carburetor" in Service Adjustments section. 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 ignition 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. Throttle 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. 	 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.
	 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. 	 Connect and tighten spark plug wire. Clean engine air screen/fins. Clean/replace muffler. Check all wiring. See "To Adjust Carburetor" in Service Adjustments section. Contact an authorized service center/department.
Excessive vibration	 Worn, bent or loose blade. Bent blade mandrel. 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 mandrei. 	 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. Reinstall blades sharp edge down. 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. 	 Turn switch "ON". Replace bulb(s). Check/replace light switch. Check wiring 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.
Loss of drive	 Freewheel control in "disengaged" position. Motion drive belt worn, damaged, or broken. Air trapped in transmission during shipment or servicing. 	 Place freewheel control in "engaged" position. Replace motion drive belt. Purge transmission.
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.

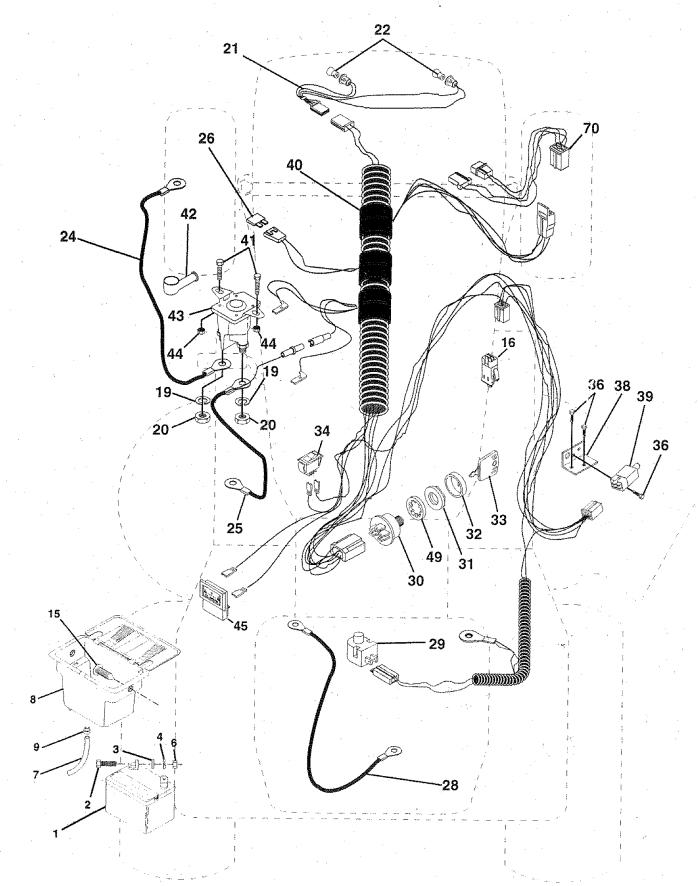
TRACTOR - - MODEL NUMBER 917.256890

SCHEMATIC



TRACTOR - - MODEL NUMBER 917.256890

ELECTRICAL



TRACTOR - - MODEL NUMBER 917.256890

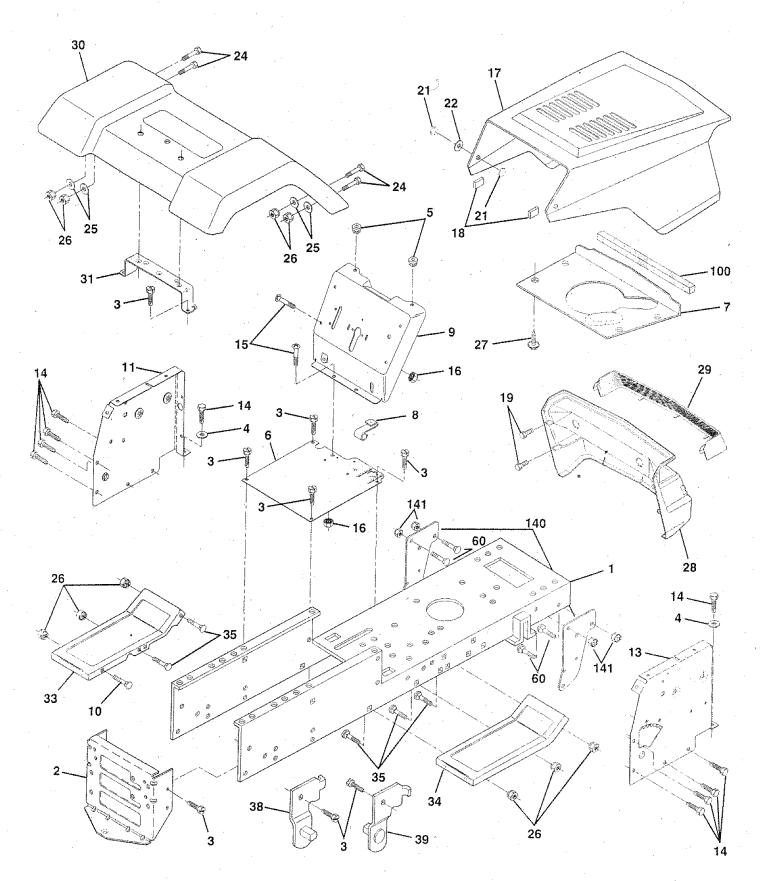
ELECTRICAL

KEY NO.	NO.	DESCRIPTION
19 20 21 22 24 25 26 28 29 30 31 32 33 34 36 38 39 40	4152J 4799J 146147 108824X 4207J 121305X 144921 140400 141226 140403	Battery 12 VOLT 25 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 Tube Plastic 12" Case Battery W/2 Holes W Btry Clamp Hose Olive Fastener Snap-In Switch, Interlock Push-In Washer Lock 1/4 Nut Jam Hex 1/4-20 Unc Harness Asm Light W/4152j Bulb Light #1156 Cable Battery 6 Ga 11" red Cable Battery 6 Ga 11" red Cable Battery 6 Ga 11" red Cable Battery 6 Ga 12" black Switch Plunger Nc Gray Switch Ign 3 Pos Nut Ignition Cover Sw Key Blk 1 25 Text SLT Key Ign Molded Craftsman Switch Light Blk Blk Red Screw Tap Hex #10-24unc x 1/2 Bracket Switch Interlock Switch Intlk Clutch Red 4 Term Harness Ign Lt Dash IPC Mch 95 Bolt Blk. Fin Hex 1/4-20 Unc x 1/2 Cover Terminal Red Solenoid Nut Keps Blk Hex 1/4-20 Unc Ammeter Rectangular 6 Amp Washer Pinned Delta Harness Engine B&S 14 OHV

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

TRACTOR - - MODEL NUMBER 917.256890

CHASSIS AND ENCLOSURES



TRACTOR - - MODEL NUMBER 917.256890

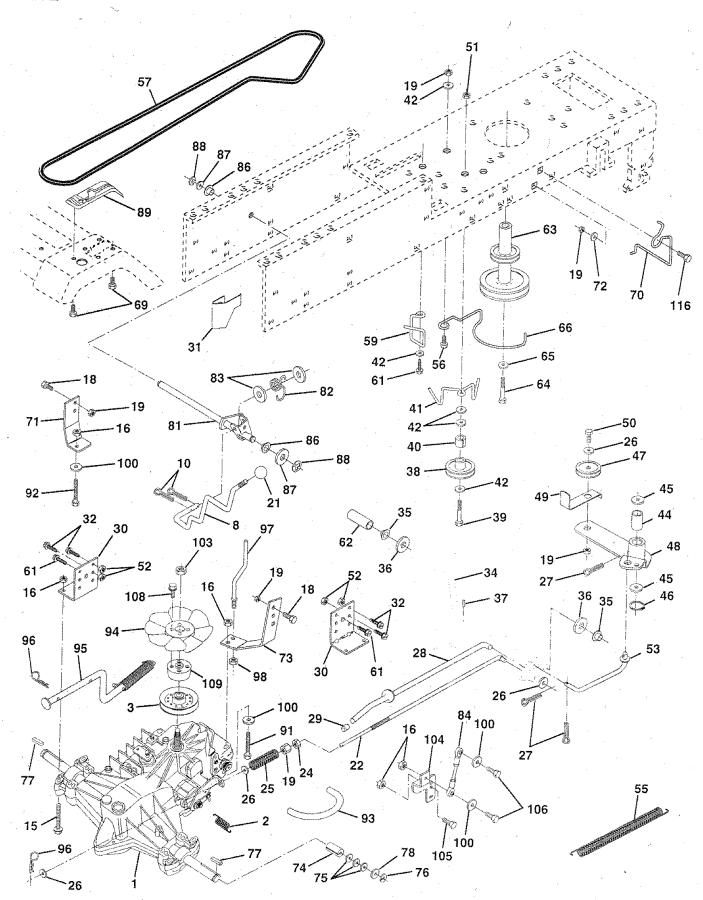
CHASSIS AND ENCLOSURES

KEY NO.	PART NO.	DESCRIPTION
$\begin{array}{c} 6\\7\\8\\9\\10\\11\\13\\14\\15\\16\\17\\18\\9\\22\\26\\27\\28\\9\\31\\33\\4\\33\\39\\60\\100\\140\end{array}$	151169 140356 17490612 STD551025 146077 145206 126842X 126471X 146760X011 STD533710 146956 146961X012 17490608 74180512 STD541431 131445X574 126938X 17521312 122933X 124479X STD523710 19131312 STD541437 17030814 140137 124029X 140001X574 136619 145244X574 136619 145244X574 136619 145244X574 136619 145244X574 13686 139887 72140606 105037X 150556 73900600 5479J	Chassis Weldment 11 ga 1996 Drawbar Stretch Screw Thdrol 3/8-16 x 3/4 Ty-tt Washer 13/32 x 3/4 x 16 Ga. Bumper Snap-In Saddle LT Flat Fender Shift Shield Ht Hood Kohl/Dia Engine Clip Insulator .406 Dash Silkscreened 1-Pc M. WA.NC. Sym/EN Bolt Carriage 3/8-16 x 1 Panel Pnt Dash Lh Panel Sikscr Dash Rh Weldment Screw Thdrol 3/8-16 x 1/2 Ty-tt Screw Mach Trhd 5/16-18uncx3/4 Nut Keps 5/16-18 Unc Hood Asm Pnt Weld MS-574 Bumper Hood Screw Sltd Hex Hd w/PI Washer Rivet Ratchet Nylon Washer Nylon Blk 28 x 75 x 19 Bolt Fin Hex 3/8-16unc x 1 Washer 13/32 x 13/32 x 12 Ga Nut Lock 3/8-16 Unc Screw Lock Spider #8 x 7/8 Grille Black Ms-428 Lens Headlight Bar Clear Fender Pnt Bracket Pnt Fender Footrest Pnt Lh Lt/Yt/Gt 574 Footrest Pnt Rh Lt/Yt/Gt 574 Bolt Rdhd Sht Sqnk 3/8-16 X3/4 Bracket, Asm. Pivot, L.H., Mower Rear Bracket, Asm. Pivot, R.H., Mower Rear Bracket, Asm. Pivot, R.H., Mower Rear Bracket, Asm. Pivot, R.H., Mower Rear Bracket, Chassis Front 7 Ga. Nut Lock Flg 3/8-16 UNC Plug Button Blk 359 Dia

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

TRACTOR - - MODEL NUMBER 917.256890

DRIVE



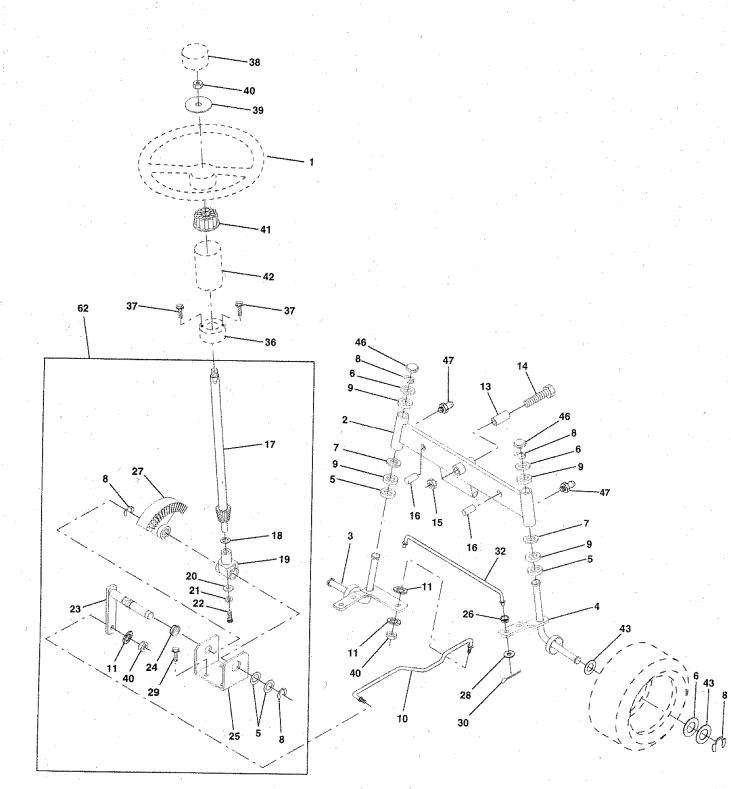
TRACTOR - - MODEL NUMBER 917.256890

DRIVE

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1 2 3 8 10 15 16 19 21 24 26 27 8 9 31 32 34	NO. 140607 142431 144698 141003 STD561210 74490544 STD541431 STD523710 STD541437 106933X 145627 STD541237 106888X STD551037 STD561210 145204 124236X 130807 127275X STD523107 155071 120183X 19211616 STD571810 123674X 74760644 4470J 153399 19131312 105706X 110812X 12000039 127783 123789X 123205X 74760624 STD541431 105710X 105709X STD523712 141416 140312	Transmission, Asm. Spring, Return, Brake Pulley, Transmission Rod, Shift Pin, Cotter 1/8 x 1 Bolt Hex FLGHD 5/16-18 Gr. 5 Nut, Lock Hex w/Ins 5/16-18 UNC Bolt Hex 3/8-16 UNC x 1 Gr.5 Nut, Lock Hex w/Wsh 3/8-16 UNC Knob Rd. 1/2-13 Plstc. Thds. Blk. Rod, Brake Nut Spring, Rod, Brake Washer 13/32 x 13/16 x 16 Ga. Pin, Cotter 1/8 x 3/4 Rod, Parking Brake Cap, Parking Brake Bracket, Transmission Keeper, Belt LH Bolt Hex 5/16-18 UNC x 3/4 Shaft, Foot Pedal Bearing, Nylon Washer Pin, Roll Pulley, Idler, Flat Bolt Spacer, Split Keeper, Belt Washer 13/32 x 13/16 x 12 Ga. Bearing Nylon Washer, Hardened Ring, Clip Pulley, Idler, V-Belt Asm, Bell Crank Retainer, Belt Bolt Nut Nut Crownlock 5/16-28 Link, Clutch Spring, Return, Clutch Bolt, Hex 3/8-16 UNC x 1-1/4 V-Belt, Drive Keeper, Belt, Center	$\begin{array}{c} 61\\ 62\\ 63\\ 64\\ 65\\ 66\\ 97\\ 71\\ 72\\ 73\\ 74\\ 75\\ 76\\ 77\\ 78\\ 81\\ 82\\ 83\\ 84\\ 86\\ 87\\ 88\\ 99\\ 92\\ 93\\ 94\\ 95\\ 96\\ 97\\ 98\\ 100\\ 103\\ 104\\ 105\\ 106\\ 108\\ 109\\ 116\\ \end{array}$	17490612 8883R 140186 71170764 10040700 129921 142432 134683 141417 19132012 141418 121199X 121749X STD581075 123583X 121748X 141420 123782X 19171216 141423 71208 19212016 12000008 151147 74780536 STD523115 142564 140462 144643 STD624003 144201 STD541437 19111216 STD541437 19111216 STD541437 19111216 STD541350 141421 71070516 STD523112 17541026 145098 72110610 IE: All compo	Screw, Thdrol 3/8-16 x 3/4 Type TT Cover, Pedal Pulley, Engine Bolt Hex 7/16 x 4 Gr. 5 Washer Keeper, Belt Engine LH Lt. Screw Guide, Belt, Mower Drive RH Strap, Torque, Lh Washer 13/32 x 1-1/4 x 12 Ga. Strap, Torque, Rh Spacer, Split Washer 25/32 x 1-1/4 x 16 Ga. Ring, E Key, Square Washer 25/32 x 1-5/8 x 16 Ga. Asm, Shaft Spring, Torsion Washer 21/32 x 3/4 x 16 Ga. Rod, Tie Bushing, Steering Rod Washer 21/32 x 1-1/4 x 16 Ga. Ring, Clip Console, Shift Bolt Hex 5/16-18 x 2-1/4 Bolt Hex 5/16-18 UNC x 1-1/2 Line Fuel Fan 7" Control Asm Bypass Hydro Spring, Retainer 1" Keeper, Belt Rh Nut Keps 3/8-16 UNC Washer 11/32 x 3/4 x 16 Ga. Nut Hex Jam Toplock 1/2-20 UNF Arm, Control Pump 500 Hydro Bolt, Head Hex 5/16 x 18 x 1 Bolt H 5/16-18 UNC x 1-1/4 Screw Hex Wh Hd #10-24 x 1-5/8 Adaptor Fan Hydro Lt Hyd Alum Bolt Carriage 3/8-16 x 1.25 nent dimensions given in U.S. inches nch = 25.4 mm

TRACTOR - - MODEL NUMBER 917.256890

STEERING ASSEMBLY



TRACTOR - - MODEL NUMBER 917.256890

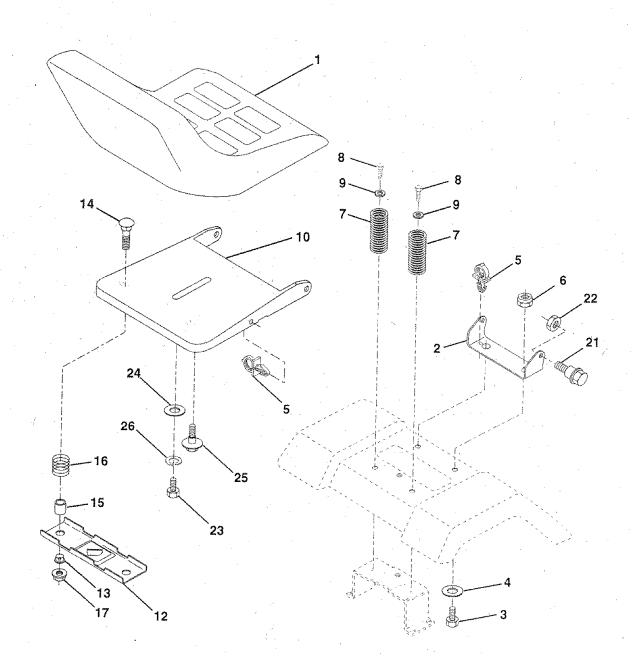
STEERING ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION
11 12 13 14 15 16 17 18	139768 142033 135227 135228 6266H 121748X 19272016 12000029 3366R 130468 STD551137 73610600 110438X 74011056 73901000 132624 132614 57079 124035X 126684X STD551125 71100410 127501 109816X 126847X 136874 19131416 17490612 STD561210 130465 155099 152927 139769 19133808 STD541537 104820X 124417X 121749X 121749X 12132X 6855M	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 16 Ga 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 Hlcl 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 515 x 750 x 033 Support Shaft Washer Lock Hvy Helical 1/4 Screw Cap SCKT HD Phos. and Oil Shaft Asm Pittman Nyliner Snap In Bracket Steering Bushing Rod Tie Blk Lt Gear Sector Washer 13/32 x 7/8 x 16ga Screw Thdrol 3/8-16x3/4 Ty-tt Pin Cotter 1/8 x 3/4 Cad Rod Tie Wire Form 19 75 Mech Bushing Strg 5/8 ld Dash Screw T #10-32 5 3/8 Flange Insert Cap Strg Wheel Std Blk Washer 13/32 x 2-3/8 x 8 Ga Nut Lock Center 3/8-24 unf Adaptor Wheel Strg 640/ 635id Boot Shaft Steering Washer 25/32 x 1 1/4 x 16 Ga Cap Spindle Fr Top Blk Fitting Grease Kit Steering Assembly

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

TRACTOR - - MODEL2NUMBER 917.256890

SEAT ASSEMBLY



KEY NO.		DESCRIPTION
1 2 3 4 5 6 7 8 9 0 12 1 12 3 4 5 6 7 8 9 0 1 2 3	140122 140551 STD523710 19131610 145006 STD541437 124181X 17490616 19131614 140552 121246X 121248X	Seat 3350 Blk/blk Craftsman Bracket Pnt Pivot Seat (blk) Bolt Fin Hex 3/8-16unc X 1 Washer 13/32 X 3/4 X 10 Ga Clip Push In Hinged Nut Hex Lock w/Ins 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) Bracket Pnt Mounting Switch Bushing Snap Blk Nyl 50 Id

NO.	PART NO.	
14	72050411	
15	134300	
16	121250X	
17	123976X	
21	153236	
22	STD541431	
23	74780814	

19171912

127018X

STD551150

DESCRIPTION

Bolt Rdhd Sht Nk 1/4-20x1-3/8 Spacer Split 28 X 96 Zinc Spring Cprsn 1 27 Blk Pnt Nut Lock 1/4 Lge Flg Gr 5 Zinc Bolt Shoulder 5/16-18 Unc-2A Nut Hex Lock w/Ins 5/16-18 Bolt Fin Hex 1/2-13 X 7/8 Gr 5 Washer 17/32 X 1-3/16 X 12 Ga Bolt Shoulder 5/16-18 X 62 Washer Lock Hvy Hlcl Spr 1/2

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

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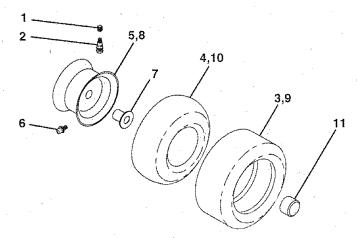
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TRACTOR - - MODEL NUMBER 917.256890

9 				5		
KEY NO.	PART NO.	2 15 DESCRIPTION		° KEY NO.	PART NO.	19 13 1 10 18 19 DESCRIPTION
4 5 7 8 9	138955 273270 150676 150677 150680 133644 142235 150685 128314 149516 137537 4900J 146046	Decal, Instruction O Decal, B&S 15.5 HF Decal, Hood Slope I Decal, Hood Slope I Decal, Grille Craftsn Decal, Maint Custor Decal, Panel Side I/ Decal, Insert Hood Decal, Fender Craft Decal, Btry Dngr/Ps Decal, Caution Engl Decal, Clutch/brake Decal, V-belt Dr Sch	PICG D Dom Rh Craftsman Ih Craftsman nan Slp LT Dov ner Sears Dom c Gold/White sman White n Eng lish/Spanish English	14 15 16 17 18 19 20 21 22 	151217 136832 140837 150333 133179 149917 142336 131265 142341 138311 145245 145247 155898 155899	Decal, Chassis 42" Hydro Decal, Mower Drive Schematic Decal, Saddle Brake Parking Decal, Cap Cnsmr Help Line Srs. Decal, Cop Cosystem Decal, Fender, Auto, Trans Srs Wt Decal, Cold, Starting, Hydro Decal, Lightbox Decal, CNTRL Movement, Hydro LT Decal, Lift Handle Pad, Footrest Rbr Sq Craftsman 95 Fastner Pop In Footrest Manual, Owner's (English) Manual, Owner's (Spanish)

WHEELS & TIRES



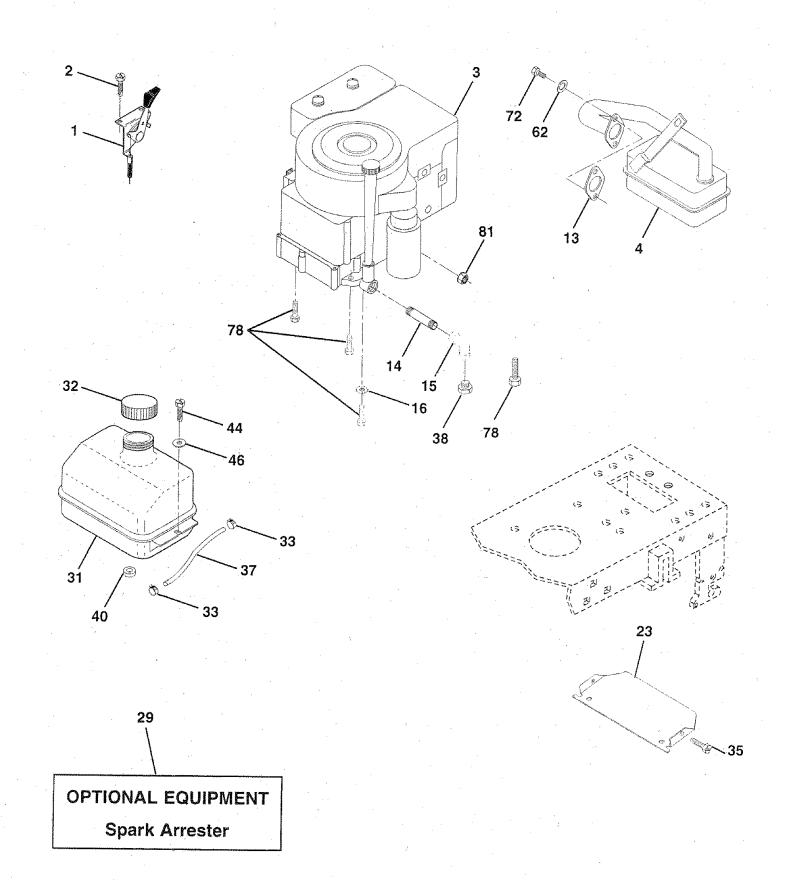
KEY NO.	PART NO.	DESCRIPTION
1	59192	Cap Value Tire
2	65139	Stem Value
3	106222X	Tire F Ts 15 X 6 0 - 6 Service
4	59904	Tube Inner Front #35060
5	106732X427	Rim Asm 6"front White Service
6	278H	Fitting Grease
7	9040H	Bearing Flange
8	106108X427	Rim Asm 8"rear White Service
9	106268X	Tire R Ts 18x9 5-8 Service
10	7152J	Tube Rear 9 5 X 8 Service
11	104757X	Cap Axle Blk 1 50 X 1 00
	144334	Sealant, Tire (10 oz. tube)

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

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TRACTOR - - MODEL NUMBER 917.256890

ENGINE



TRACTOR - - MODEL NUMBER 917.256890

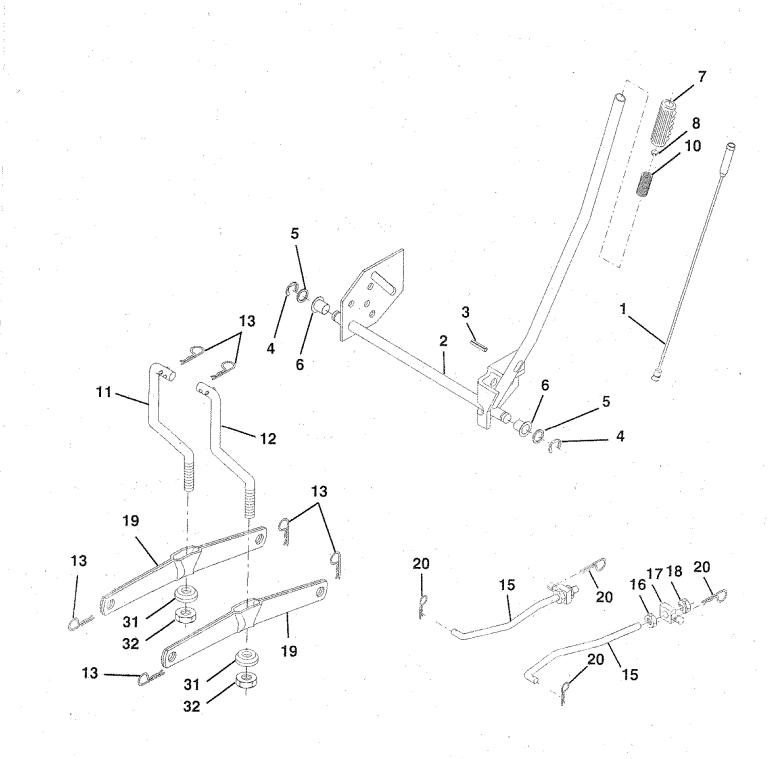
ENGINE

KEY NO.		DESCRIPTION
1	132759	Control Throt Rh Blk Pdl 15 10
2 3	17720410 150458	Screw Hex Thd Cut 1/4-20x5/8 T Engine B&S 15/15.5 DIC & GD DC 1 Model No. 28N707, Type No. 0171-01
4	137352	Muffler Exhaust B&S Lt
13 14	272293 13280324	Gasket 1 313 Id Tin Plated Nipple Pipe 3/8 Npt X 3"
15.	13200300	Elbow Std 90 Degree 3/8-18 Npt
	STD551237 150554	Washer Lock Ext Tooth 3/8 Shield Pnt Heat Browning Grass
29	137180	Arrestor Spark
	109202X 123549X	Tank Fuel 1 25 Fr Cap Asm Fuel W/sym Vented
-33	123487X	Clamp Hose Blk
35 37	17490512 137040	Screw, Thdrol 5/16-18 x 3/4 Tyt Line Fuel 20"
38	107040	Plug Oil Drain (Order From Engine Manufacturer)
40	124028X	Bushing Snap Nyl Blk Fuel Line Screw Hexwsh Thdrol 1/4-20x3/4
44 46	17490412 19091416	Washer 9/32 X 7/8 X 16ga
62	STD551131	Washer Lock Hvy Hlcl Spr 5/16
	71070512 17490620	Screw Hexhd Cap 5/16-18x3/4 Screw Thdrol 3/8-16x1-1/4 Tytt
81	128861	Nut Flange 1/4-20 Starter Nut

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

LIFT

TRACTOR - - MODEL NUMBER 917.256890



TRACTOR - - MODEL NUMBER 917.256890

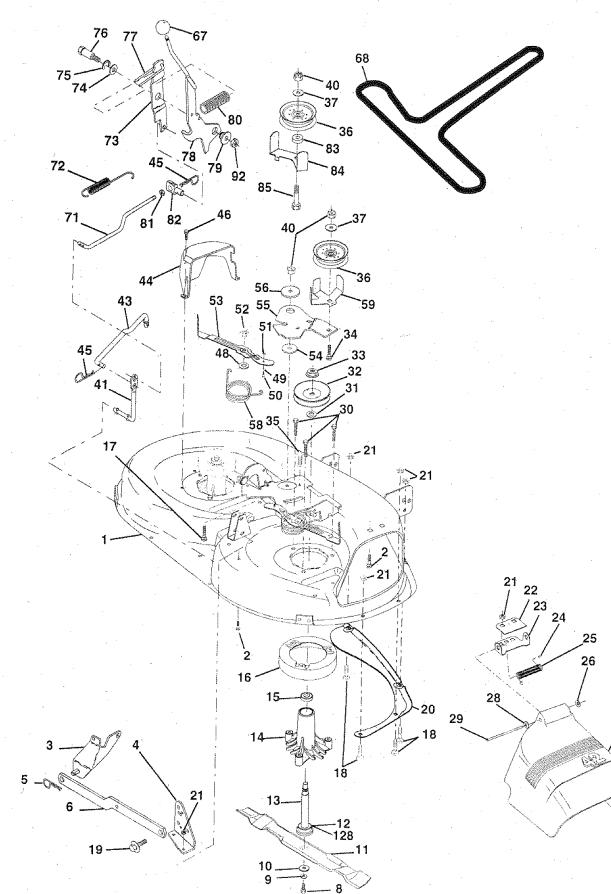
LIFT

KEY NO.	PART NO.	DESCRIPTION
2 3 4 5 6 7 8 10 11 12 13 5 6 7 8 10 11 12 13 5 16 17 18 9 20	139868	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 Cprsn Link Asm Lift L.H. Link Asm Lift L.H. Link Asm Lift R.H. Retainer Spring Link Front Nut Jam Hex 1/2-13 Unc Trunnion Blk Zinc Nut Lock W/Wsh 1/2-13 Unc Arm Suspension Mower Retainer Spring Bearing, Pvt. Lift. Spherical Nut Crownlock 3/8-24

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

TRACTOR - - MODEL NUMBER 917.256890

MOWER

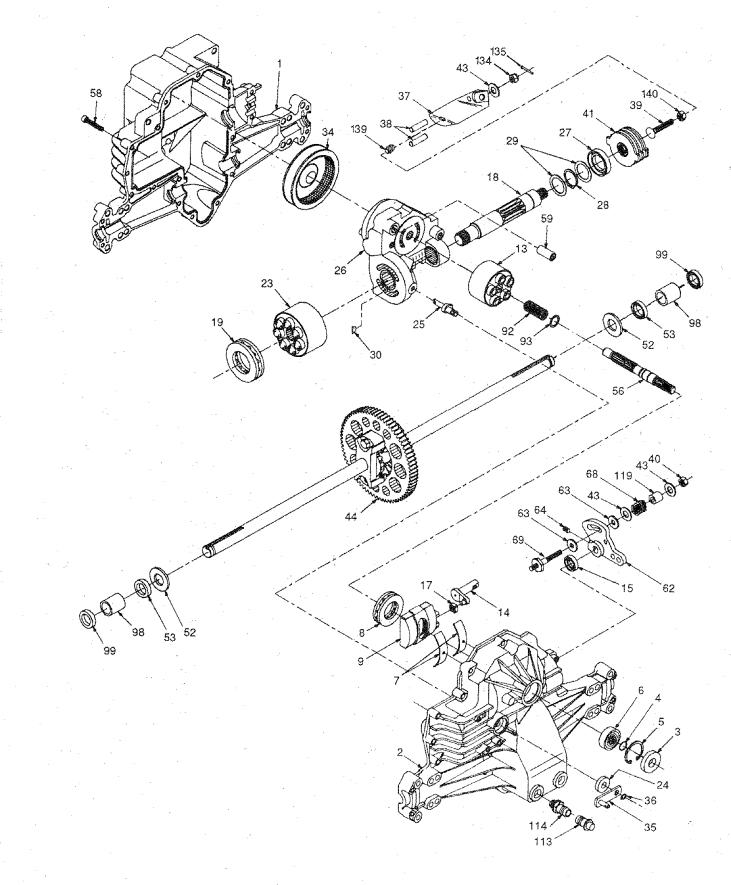


TRACTOR - - MODEL NUMBER 917.256890

MOWER

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	144393	Mower Housing	44	140088	Guard, Mandrel, L.H.
2	STD533107	Bolt	45	STD624003	Retainer
3	138017	Bracket Assembly, Sway Bar, Front		137729	Screw, Thd. Roll 1/4-20 x 5/8
4	138440	Bracket Assembly, Sway Bar	48	133944	Washer, Hardened
5	STD624008	Retainer Spring	49	133940	Roller Assembly, Cam Follower
ē	130832	Arm, Suspension, Rear	50	131340	Bolt, Shoulder #10-24 Grade 5
8	850857	Bolt, Hex 3/8-24 x 1.25 Grade 8	51	STD541410	Locknut
9	STD551137	Washer, Lock	52	139888	Bolt, Shoulder 5/16-18 UNC
10	140296	Washer, Hardened	53	131845	Arm Assembly, Pad, Brake
11	134149	Blade, Mulching	54	133943	Washer, Hardened
12	129895	Bearing, Ball	55	140084	Arm, Idler
13	137645	Shaft Assembly, Mandrel, Vented	56	122052X	Spacer, Retainer
		(Includes Key Number 6)	58	140086	Spring, Torsion Brakes 42"
14	128774	Housing, Mandrel, Vented	59	141043	Guard, Tuv Idler (94)
15	110485X	Bearing, Ball, Mandrel	67	149846	Knob Custom Oval
16	140329	Stripper, Vented Mower Deck	68	144200	V-Belt
17	72110610	Bolt, Carriage 3/8-16 x 2-1/4	71	142427	Rod, Clutch, Primary, with Nibs
18	72140505	Bolt, Carriage 5/16-18 x 5/8		131870	Spring, Return
19	132827	Bolt, Shoulder	73	127847	Arm, Clutch, Secondary
20	136888	Baffle, Vortex	74	121748X	Washer 25/32 x 1-5/8 x 16 Gauge
21	STD541431	Nut, Crownlock 5/16-18 UNC		12000029	Ring, Klip
22	134753	Stiffener Bracket	76	128903	Bolt, Shoulder 3/8-16 UNC x 1.44
23	131267	Bracket, Deflector	77	127845	Keeper, Spring
24	105304X	Cap, Sleeve	78	140334	Arm, Clutch, Primary
25	123713X	Spring, Torsion, Deflector	79	127498	Bushing, Large, Brass
26	110452X	Nut, Push	80	153701	Spring, Mower Clutch
27	130968	Shield, Deflector	81	73350600	Nut, Hex Jam 3/8-16 UNC
28	19111016	Washer 11/32 x 5/8 x 16 Gauge	82	142028	Trunnion Adj. 94 Washer Sintered
29	131491	Rod, Hinge	83	120958X	Keeper Belt Idler Fixed
30	138776	Screw Thdrol Hex Head Zinc Mwr	84	144394 72140618	Bolt Carriage 3/8-16 x 2-1/4
31	129963	Washer, Spacer	00 92	STD541437	Locknut, Hex W/Wsh 3/8-16 UNC
32	153535	Pulley, Mandrel		153390	Washer Felt
33	137266	Nut, Toplock, Flanged	120	130794	Mandrel Assembly (Includes Key
34	STD533717	Bolt		130794	Numbers 8-10, 12-15, 31 and 32)
35	133835	Fastner, Christmas Tree		145411	Mower Deck, Complete
36	131494	Pulley, Idler, Flat	**	140411	Mower Deck, Complete
37	STD551037	Washer 13/32 x 13/16 x 16 Ga.	Δυρί	lahla Mulchor I	Plate Kit not included with tractor:
40	STD541437	Nut, Crownlock 3/8-16 UNC		141112	Mulcher Close-out Plate Kit
41	133551	Rod, Pivot, with Nibs	NOT	F. All compor	hent dimensions given in U.S. inches
43	140083	Rod, Clutch, Secondary, with Nibs		1 inch = 25	

TRACTOR - - MODEL NUMBER 917.256890 HYDRO GEAR TRANSAXLE - MODEL NUMBER 310-0500

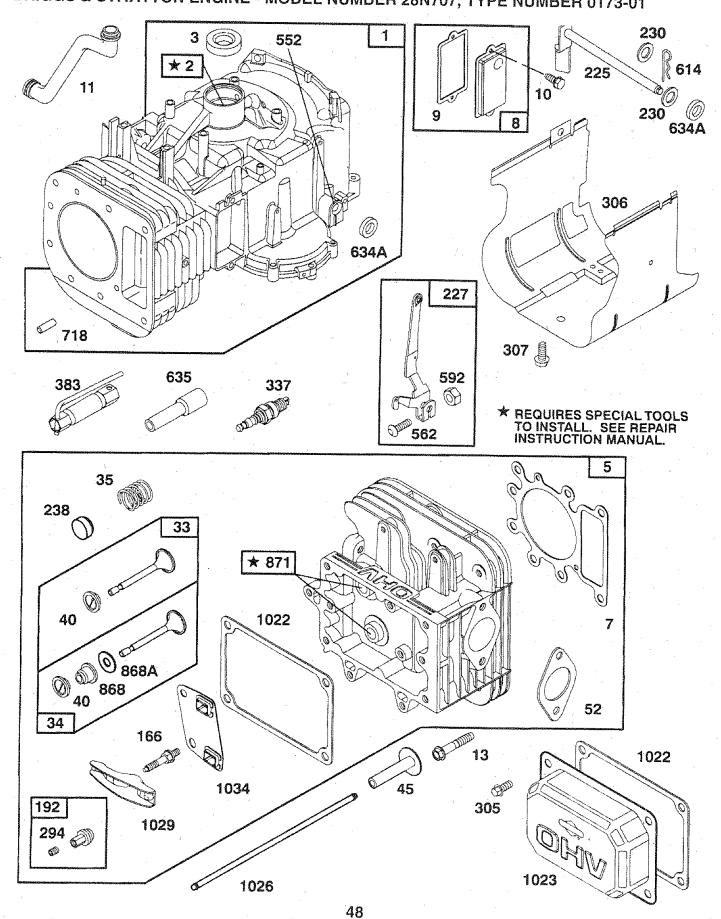


TRACTOR - - MODEL NUMBER 917.256890

HYDRO GEAR TRANSAXLE - MODEL NUMBER 310-0500

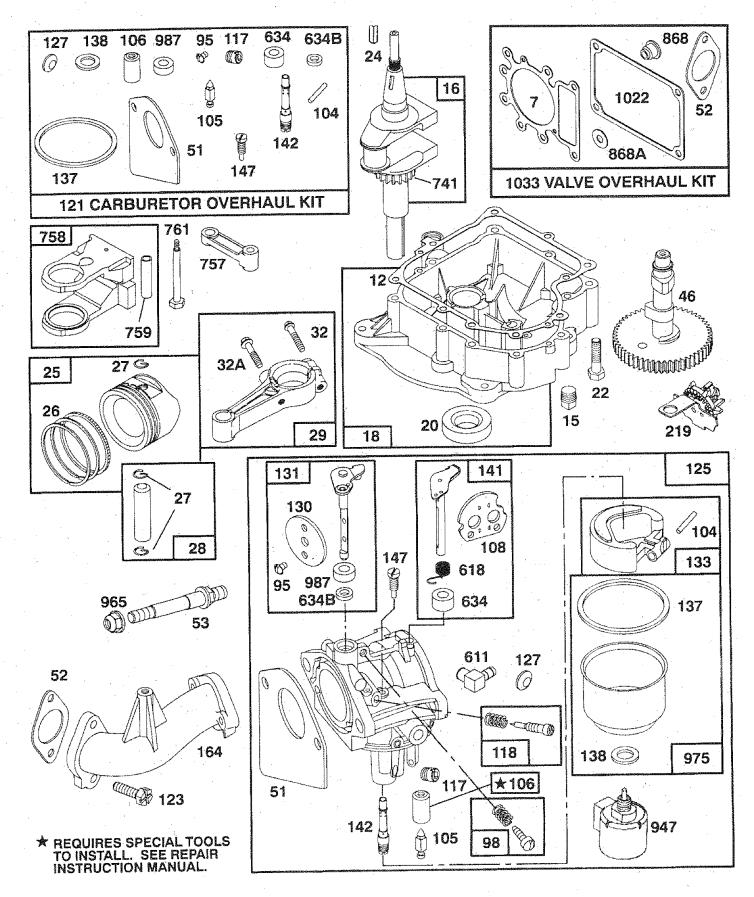
х.			
KEY PART NO. NO.	DESCRIPTION	KEY PART NO. NO.	DESCRIPTION
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Housing, Lower Assembly, Upper Housing Seal, Lip Ring, Wire Retaining Ring, Retaining Bearing, Shaft Ball Bearing, Cradle Bearing, Thrust 30 x 52 x 13 Swashplate, Variable Block, Cylinder Assembly Arm, Trunnion Seal, Lip Guide, Slot Shaft, Motor Bearing, Thrust 42 x 68 x 16 Block, Cylinder Assembly Seal, Lip 10 x 25 x 7 Actuator, Bypass Center Section Assembly Kit Seal, Lip 26 x 42 x 8 Ring, Retaining Washer 26 x 35 x 1 Nut, Jam Oil Filter Element Arm, Bypass Ring, Retaining Arm, Actuating Pin, Actuating Bolt 5/16-24 x 1-3/4	 40 150778 41 142958 43 142884 44 142990 52 142991 53 142961 56 142963 58 142964 59 142965 62 142966 63 142967 64 142920 68 142969 69 144610 92 142977 93 142978 98 142993 99 142976 113 142917 114 142918 119 142980 134 144607 135 144608 139 150775 140 150776 NOTE: All comport 1 inch = 2	Locknut, Hex 5/16-24 UNJC Brake Rotor/Stator Kit Washer 7/16 x 7/8 x .060 Differential Assembly Washer 3/4 x 1.5 x .13 Seal .75 x 1.25 x .250 Shaft, Input Bolt 1/4-20 x 1.38 Pin .5 OD x .43 ID x .750 Arm, Control Puck, Dampener Set Screw Spring Stud 5/16-24 Spring, Block Washer, Block Thrust Sleeve Bearing Seal, Wiper Cap, Vent Assembly Fitting, O-Ring Assembly Spacer Nut, Castle 5/16-24 Pin, Cotter Spring, Compression Nut, Hex 5/16-24

TRACTOR - - MODEL NUMBER 917.256890 BRIGGS & STRATTON ENGINE - MODEL NUMBER 28N707, TYPE NUMBER 0173-01



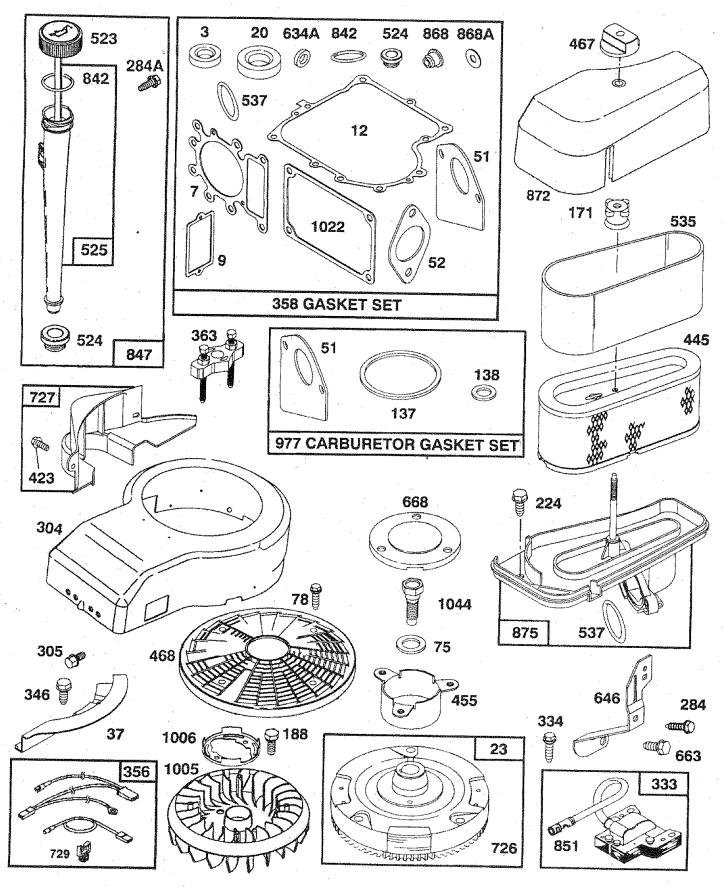
TRACTOR - - MODEL NUMBER 917.256890

BRIGGS & STRATTON ENGINE - MODEL NUMBER 28N707, TYPE NUMBER 0173-01



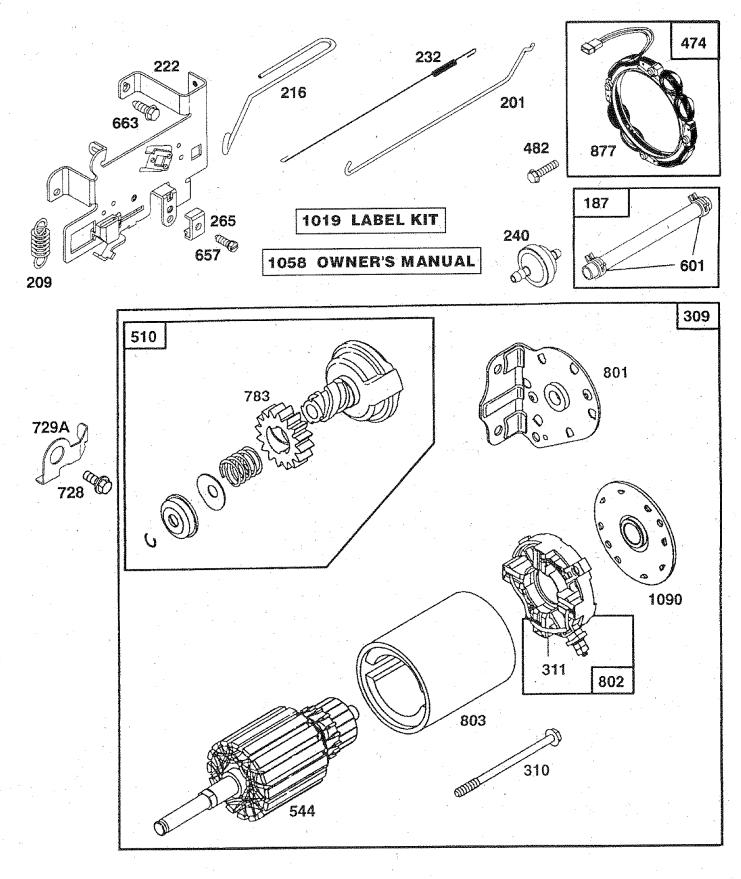
TRACTOR - - MODEL NUMBER 917.256890

BRIGGS & STRATTON ENGINE - MODEL NUMBER 28N707, TYPE NUMBER 0173-01



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TRACTOR - - MODEL NUMBER 917.256890 BRIGGS & STRATTON ENGINE - MODEL NUMBER 28N707, TYPE NUMBER 0173-01



TRACTOR - - MODEL NUMBER 917.256890

BRIGGS & STRATTON ENGINE - MODEL NUMBER 28N707, TYPE NUMBER 0173-01

KEY PART		KEY PART	
NO. NO.	DESCRIPTION	NO. NO.	DESCRIPTION
1 496412	Cylinder Assembly	95 94098	** Screw, Throttle
.2 399265	Bearing, Cylinder	98 495800	
	* Seal, Ŏil	104 231789	
3 391086 5 495858	Head, Cylinder	105 231855	** Valve Float
7 272614	*** Gasket, Cylinder Head	106 231854	** Seat, Inlet Valve
8 495735	Breather Assembly	108 224540	Valve, Choke
9 27803	* Gasket, Valve Cover	117 231858	
10 94621	Screw, Sems	118 495932	
11 281246	Tube, Breather	121 498116	
12 271916	* Gasket, Crankcase Cover, .015"	123 94616	Screw, Elbow Mounting
271997	* Gasket, Crankcase Cover, .005"	125 498051	Carburetor Assembly
271996	* Gasket, Crankcase Cover, .009"	127	** Plug, Welch (Sold in Kit Only)
13 94728 15 94239	Screw, Cylinder Head	130 224539	Valve, Throttle
15 94239 16 495162	Plug, Oil Drain	131 494379 133 494381	Shaft and Lever, Throttle
94196	Crankshaft Timing Gear Key	137 281165	Float, Carburetor **** Gasket, Float Bowl
18 494238	Base, Engine	138 281164	**** Washer, Bowl
20 291675	* Seal, Oil	141 495931	Shaft and Lever, Choke
22 94624	Screw, Sems, Base Mounting	142 231859	** Nozzle, Carburetor
23 492326	Flywheel and Ring Gear Assembly,	147 497472	
	Magneto	164 21,4047	
24 222698	Key, Flywheel	166 94555	Stud, Rocker Arm
25 495860	Piston Assembly, Standard Size	171 281051	Nut, Air Cleaner Mounting
495977	Piston Assembly, .010" Oversize	187 393815	
495978	Piston Assembly, .020" Oversize	188 94627	Screw, Sems
495979	Piston Assembly, .030" Oversize	192 492160	
26 495854	Ring Set, Piston, Standard Size	201 262767	
495852	Ring Set, Piston, .010" Oversize	209 260695	Spring, Governor
495851	Ring Set, Piston, .020" Oversize	216 262766	
495855	Ring Set, Piston, .030" Oversize	219 490815	Gear, Governor
27 260924	Lock, Piston Pin	222 495611	Plate, Governor Control
28 299691	Pin Assy., Piston, Standard Size	224 94729	Screw, Sems, Air Cleaner
391286 29 494504	Pin Assy., Piston, .005" Oversize	225 495157 227 493935	Crank, Governor Lever Assembly, Governor
495490	Rod Assembly, Connecting Rod Assembly, Connecting,	230 94742	Washer, Governor Crank
433430	.020" Undersize Crankpin Bore	232 262785	Spring, Governor Link
32 94695	Screw, Hex Washer Head, 1-57/64	238 262836	Cap, Valve
32A 94648	Screw, Hex Washer Head, 1-5/8	240 394358	Filter, Fuel (In Fuel Line)
33 495856	Valve, Exhaust	265 221535	Clamp, Casing
34 495857	Valve, Intake	284 94704	Screw, Hex Head
35 262811	Spring, Valve		
37 224502	Guard, Flywheel	* Included	d in Gasket Set (495993)
40 224641	Retainer, Valve Spring		
45 262411	Tappet, Valve	** Included	d in Carburetor Kit (497535)
46 496884	Gear, Cam	and the state	
51 272465	**** Gasket, Carburetor (Carburetor to		in both Gasket Set (495993) and
	Elbow) (Also Included in Gasket	Valve O	verhaul Kit (495992)
	Set, Part Number 495993)	**** Included	Lin Cooket Pet (195000) Contructor Kit
52 272569	*** Gasket, Carburetor	nuudeu	l in Gasket Set (495993), Carburetor Kit and Carburetor Gasket Set (494385)
53 94637	(Elbow to Cylinder) Stud, Carburetor Mounting	(497030	y and Carburetor Gasket Set (494305)
75 224061	Washer, Spring	NOTE: All oc	mponent dimensions given in U.S. inches
78 94832	Screw, Pan Head		r = 25.4 mm
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TRACTOR - - MODEL NUMBER 917.256890

BRIGGS & STRATTON ENGINE - MODEL NUMBER 28N707, TYPE NUMBER 0173-01

KEY PART NO. NO.	DESCRIPTION
284A 94073 294 810068 304 496280 305 94786	Screw, Hex Head Screw, Set Housing, Blower Screw, Hex, Head, Blower Housing Mounting
305 94786 306 225020 307 94386 309 497595 310 497602 311 497602 311 497602 311 497602 311 497602 311 497602 311 497602 311 497602 333 495859 334 93381 337 491055 346 93705 356 497708 358 495993 363 19203 383 89838 423 94073 445 493909 455 222561 467 493903 468 494439 474 393474 482 93621 510 497606 523 495230 524 6838 525 496113 535 272403 537 281106 544 497603 552 231597 562 92613 592 231082 601 93053 611 493496 614 93306 618 262803 634 281167 635 280872 646 224546 657 93496 663 24620 663 280848 718 230192 726 392134	Screw, Hex, Head, Blower Housing Mounting Shield, Cylinder Screw, Cylinder Shield Motor, Starter Bolt, Thru Brush Set Armature, Magneto Screw, Sems, Armature Mounting Plug, Spark Screw, Hex Head Wire Assembly Gasket Set Puller, Flywheel Wrench, Spark Plug Screw, Sems Cartridge, Air Cleaner Cup, Screen Mounting Knob, Air Cleaner Screen, Flush Rotating Stator, Alternator Screw, Sems Drive, Starter Cap and Dipstick, Oil Filler * Seal, Filler Tube Tube, Oil Filler Element, Filter * O-Ring, Air Cleaner Armature, Starter Bushing, Governor Crank Bolt, Carriage Nut, Hex Clamp, Fuel Pipe Elbow, Fuel Pipe Pin, Cotter Spring, Choke Return ** Seal, Governor ** Washer, Throttle Shaft Boot, Spark Piug Brace, Air Cleaner Screw, Sems Screw, Sem
727 490324 728 94627 729 281390	Cover, Starter Screw, Hex Head Clip, Wire

KEY PART NO. NO.

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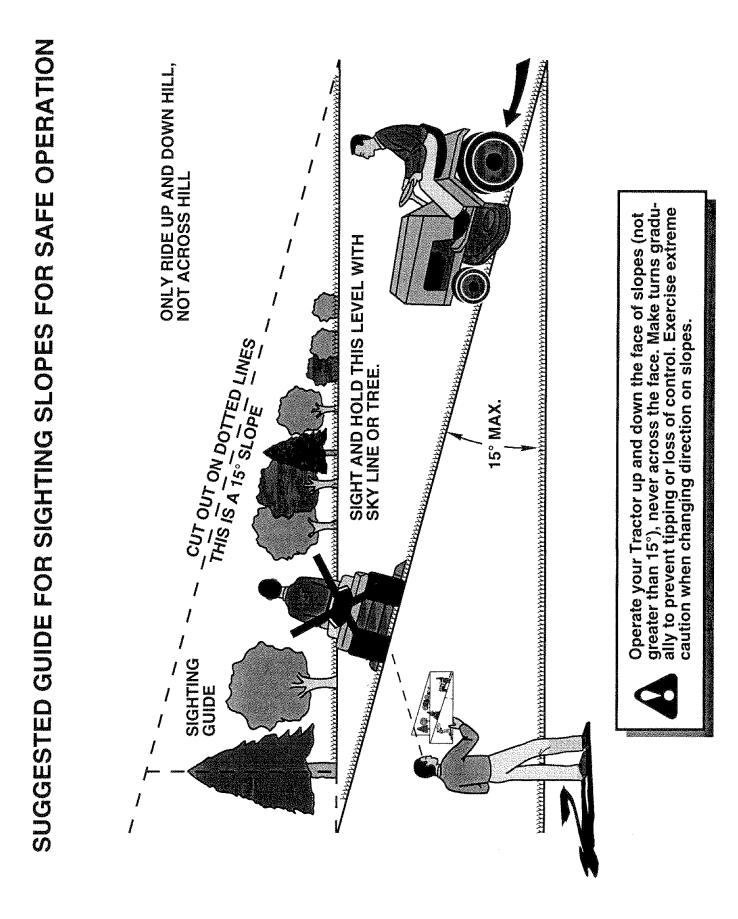
DESCRIPTION

Retainer, Wire 729A 225170 741 262932 Gear, Timing Link, Counterweight 757 213998 Counterweight Assembly 758 399891 759 . 298909 Pin, Counterweight Screw, Counterweight Gear, Starter Cap, Drive 94593 280104 394856 Cap, End 497605 Housing, Starter 497604 * Seal, Oil Filler Cap 270920 496415 Fill Group, Oil Terminal, Ignition Cable 224110 *** Seal Assembly, Valve 868 494435 *** Gasket, Valve 868A 272610 Bushing, Guide (Intake & Exhaust) 871 262835 Cover, Air Cleaner 281361 495862 Body, Air Cleaner Diode and Connector Assembly 393456 Solenoid 497157 Nut. Hex 94010 Bowl Assembly, Carburetor 495933 Carburetor Gasket Set 494385 ** Seal, Throttle Shaft 987 281166 Fan, Flywheel 281400 Retainer, Fan 224413 496758 Label Kit *** Gasket, Cover 272475 Cover, Rocker Arm 224552 Rod, Push, Intake 494432 Rod, Push, Exhaust 495136 Arm, Rocker 224554 Valve Overhaul Kit 495992 Guide Assembly, Push Rod 495248 Screw, Hex Head 94673 Tie, Cable 270723 Manual, Owner's 272623 Retainer, Brush 497607

RPM Settings: Low: 1650-1850, High: 3200-3400

- Included in Gasket Set (495993)
- Included in Carburetor Kit (497535)
- Included in both Gasket Set (495993) and *** Valve Overhaul Kit (495992)
- Included in Gasket Set (495993), Carburetor Kit **** (497535) and Carburetor Gasket Set (494385)
- NOTE: All component dimensions given in U.S. inches 1 inch = 25.4 mm

SERVICE NOTES



SEARS

OWNER'S MANUAL

MODEL NO. 917.256890

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

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

FOR CONSUMER ASSISTANCE HOT LINE, CALL THIS TOLL FREE NUMBER:

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The model number for your engine will be found on the blower housing of the engine.

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

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION:

- PRODUCT TRACTOR
- MODEL NUMBER 917.256890
- ENGINE MODEL NO. 28N707, TYPE NO. 0173-01
- PART NUMBER
- PART DESCRIPTION

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