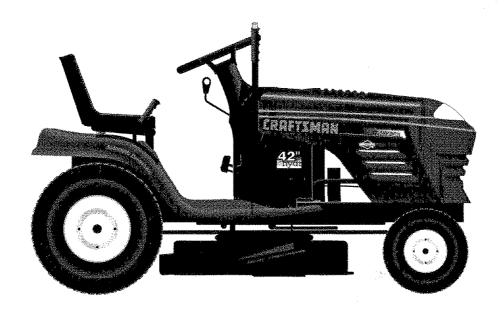
SEARS

MODEL NUMBER 917.259573 OWNER'S MANUAL

 EZ^3

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





This product has a low emission engine which operates differently from previously built engines. Before you start the engine, read and understand this Owner's Manual.

For answers to your questions about this product, Call:

1-800-659-5917Sears Craftsman Help Line 5 am - 5 pm, Mon - Sat

CAUTION: Read and follow all safety rules and instructions before operating this equipment.

SAFETY RULES

Safe Operation Practices for Ride-On Mowers



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

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
- Do not try to stabilize the machine by putting your foot on the
- 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
- 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
- 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. 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 Department. We have competent, well-trained 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 tractor properly. Always observe the "SAFETY RULES".

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NUMBER DATEOF PURC	HASE
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FOR FUTURE F	

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.

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-cov-

PRODUCT SPECIFICATIONS

	A DESCRIPTION OF THE PROPERTY
HORSEPOWER:	19.5
GASOLINE CAPACITY AND TYPE:	3.5 GALLONS UNLEADED REGULAR
OIL TYPE (API-SF/SG/SH): SAE 5W-30 (below 32°F)	SAE 30 (above 32°F)
OIL CAPACITY:	3.0 PINTS
SPARK PLUG: (GAP: .030")	CHAMPION RJ19LM
VALVE CLEARANCE:	INTAKE: .004"006" EXHAUST: .007"009"
GROUND SPEED (MPH):	FORWARD: 0 - 5.5 REVERSE: 0 - 2.4
TIRE PRESSURE:	FRONT: 14 PSI REAR: 10 PSI
CHARGING SYSTEM:	3 AMPS BATTERY 5 AMPS HEADLIGHTS
BATTERY:	AMP/HR: 30 MIN. CCA: 240 CASE SIZE: U1R
BLADE BOLT TORQUE:	30–35 FT. LBS.

ered 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 RIDING 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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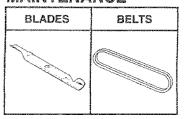
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ACCESSORIES AND ATTACHMENTS

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



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. Tapered 2.5-inch steel spikes mounted on 10-inch diameter discs puncture holes in soil at close intervals to let moisture soak in. Steel weight tray for increased penetration.

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 decicers 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.

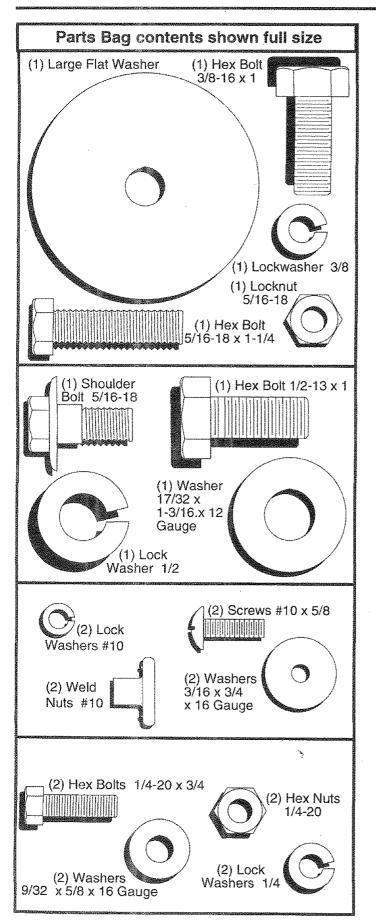
TRACTOR CAB has heavy duty vinyl fabric over tubular steel frame, ABS plastic top; clear plastic windshield offers 360 degree visibility. Hinged metal doors with catch. Keeps operator warm and dry. Remove vinyl sides and windshields for use as sun protector in summer. **Optional accessories include:**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

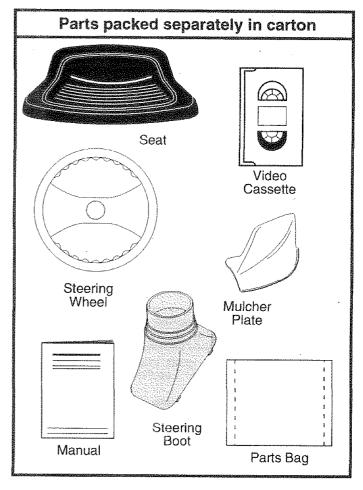
VACS for powerful collection of heavy grass clippings and leaves. Optional wand attachment to pick up debris in hard-to-reach places. VAC/CHIPPER includes a chipper-shredder.

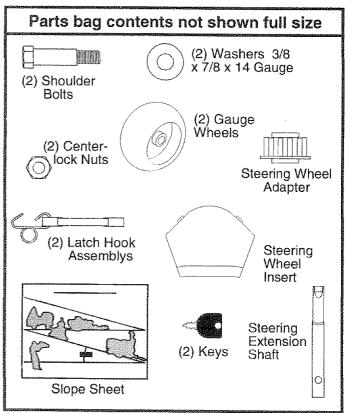
WEIGHT BRACKET for drawbar for snow removal applications. Uses (1) 55 lb. weight.

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

CONTENTS OF HARDWARE PACK







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) 9/16" wrench

(1) 3/4" Socket w/drive rachet

(2) 7/16" wrenches

Phillips Screwdriver

(2) 1/2" wrench

Tire pressure gauge

(1) 3/4" wrench

Utility knife

Pliers

When right or left hand is 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, from top to bottom, along lines on 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)

ASSEMBLE EXTENSION SHAFT AND BOOT

 Slide extension shaft onto lower steering shaft. Align mounting holes in extension and lower shafts and install 5/16 hex bolt and locknut. Tighten securely.

IMPORTANT: TIGHTEN BOLT AND NUT SECURELY TO 18-22 FT. LBS TORQUE.

 Place tabs of steering boot over tab slots in dash and push down to secure.

INSTALL STEERING WHEEL

- Position front wheels of the tractor so they are pointing straight forward.
- Slide steering wheel adapter onto steering shaft extension.
- Position steering wheel so cross bars are horizontal (left to right) and slide inside boot and onto adapter.
- Assemble large flat washer, 3/8 lock washer, 3/8 hex bolt and tighten securely.
- Snap steering wheel insert into center of steering wheel.
- Remove protective materials 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.

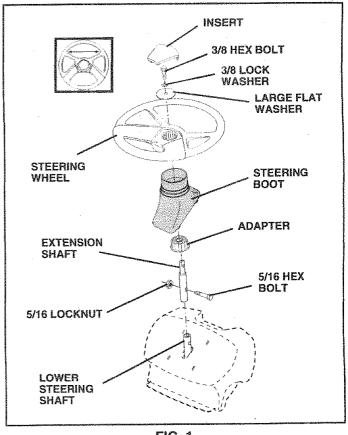


FIG. 1

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.

HOW TO SET UP YOUR TRACTOR

CONNECT BATTERY (See Fig. 2)



CAUTION: Do not short battery terminals by allowing a wrench or any other object to contact both terminals at the same time. Before connecting battery, remove metal bracelets, wristwatch bands, rings, etc.

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

- Lift hood to raised position.
- Open terminal access doors, 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 (+) battery terminal with hex bolt, flat washer, lock washer and hex nut as shown. Tighten securely.
- Connect BLACK grounding cable to negative (-) battery terminal with remaining hex bolt, flat washer, lock washer and hex nut. Tighten securely.
- Close terminal access doors.

Use terminal access doors for:

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

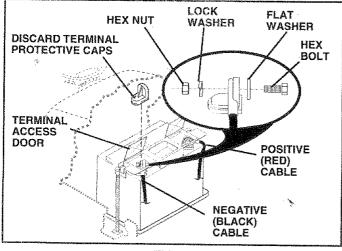


FIG. 2

INSTALL SEAT (See Fig. 3)

Adjust seat before tightening adjustment bolt.

- · Remove cardboard packing on seat pan.
- Place seat on seat pan and assemble shoulder bolt.
 Tighten shoulder bolt securely.
- Assemble adjustment bolt, lock washer and flat washer loosely. Do not tighten.
- 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.
- Get off seat without moving its adjusted position.
- Raise seat and tighten adjustment bolt securely.

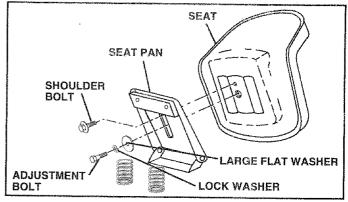


FIG. 3

CHECK TIRE PRESSURE

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

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

CHECK DECK LEVELNESS

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

CHECK FOR PROPER POSITION OF ALL BELTS

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

CHECK BRAKE SYSTEM

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

ASSEMBLE GAUGE WHEELS TO MOWER DECK (See Fig. 4)

The gauge wheels are designed to keep the mower deck in proper position when operating mower. Be sure they are properly adjusted to ensure optimum mower performance.

- Assemble gauge wheels with tractor on a flat level surface.
- Adjust mower to desired cutting height (See "TO AD-JUST MOWER CUTTING HEIGHT" in the Operation section of this manual).
- With mower in desired height of cut position, gauge wheels should be assembled so they are slightly off the ground. Install gauge wheel in appropriate hole with shoulder bolt, 3/8 washer, and 3/8-16 locknut and tighten securely.
- Repeat for opposite side installing gauge wheel in same adjustment hole.

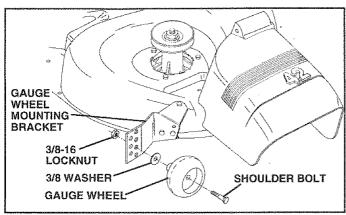


FIG. 4

INSTALL MULCHER PLATE (See Figs. 5 and 6)

 Install two latch hooks to mulcher plate using screw, washer, lock washer, and weld nut as shown.

NOTE: Pre-assemble weld nut to latch hook by inserting weld nut from the top with hook pointing down.

- Tighten hardware securely.
- Raise and hold deflector shield in upright position.
- Place front of mulcher plate over front of mower deck opening and slide into place, as shown.
- · Hook front latch into hole on front of mower deck.
- Hook rear latch into hole on back of mower deck.



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

TO CONVERT TO BAGGING OR DISCHARGING

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

NOTE: It is not necessary to change blades. The mulcher blades are designed for discharging and bagging also.

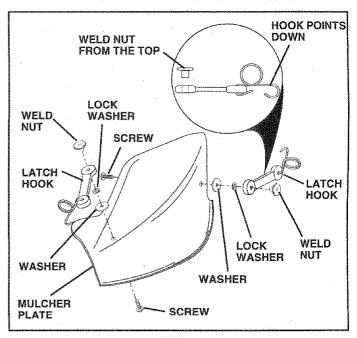


FIG. 5

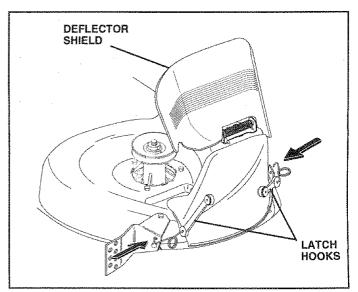


FIG. 6

✓ 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.

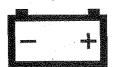
PLEASE REVIEW THE FOLLOWING CHECKLIST:

- 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.



BATTERY



CAUTION OR WARNING



REVERSE



FORWARD



FAST



SLOW



ENGINE ON



ENGINE OFF



OIL PRESSURE



CLUTCH



LIGHTS ON



OVER TEMP LIGHT



FUEL



CHOKE



MOWER HEIGHT



DIFFERENTIAL LOCK



PARKING BRAKE LOCKED



UNLOCKED



MOWER LIFT



REVERSE



NEUTRAL



HIGH



LOW



PARKING BRAKE



ATTACHMENT CLUTCH ENGAGED



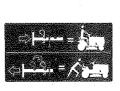
ATTACHMENT CLUTCH DISENGAGED

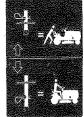


IGNITION



DANGER, KEEP HANDS AND FEET AWAY



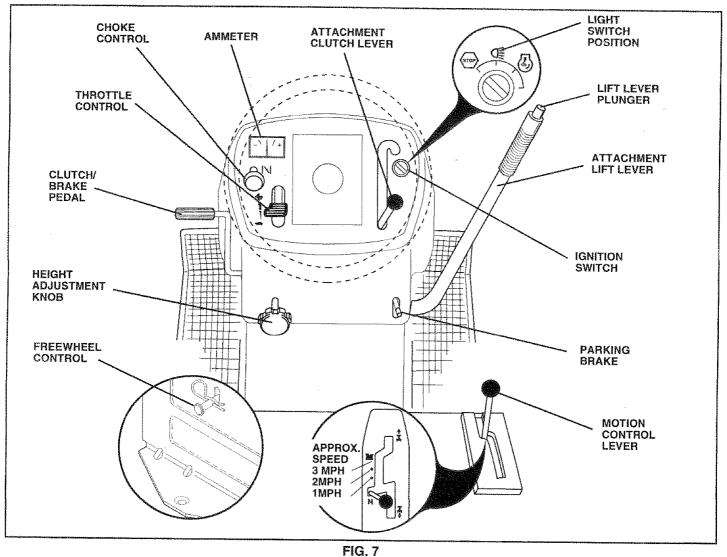


HYDROSTATIC FREE WHEEL (Hydro Models only)

KNOW YOUR TRACTOR

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

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



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

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

LIGHT SWITCH: Turns the headlights on and off.

THROTTLE CONTROL: Used to control 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.

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

CHOKE CONTROL: Used when starting a cold engine.

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

ATTACHMENT LIFT LEVER: Used to raise and lower 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.

HEIGHT ADJUSTMENT KNOB: Used to adjust the mower cutting height.

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



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. 8)

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.

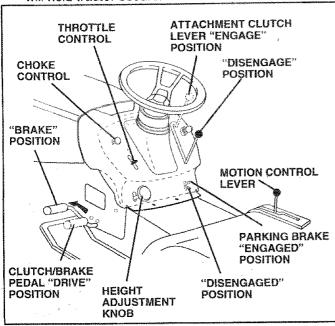


FIG. 8

STOPPING (See Fig. 8)

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.
- Never use choke to stop engine.

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. 8)

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 USE CHOKE CONTROL (See Fig. 8)

Use choke control whenever you are starting a cold engine. Do not use to start a warm engine.

 To engage choke control, pull knob out. Slowly push knob in to disengage.

TO MOVE FORWARD AND BACKWARD (See Fig. 8)

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. 8)

The cutting height is controlled by turning the height adjustment knob in desired direction.

- Turn knob clockwise () to raise cutting height.
- Turn knob counterclockwise () to lower cutting height

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. 9)

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.
- Lower mower with attachment lift control.
- Start mower blades by engaging attachment clutch control.
- TO STOP MOWER BLADES disengage attachment clutch control.



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

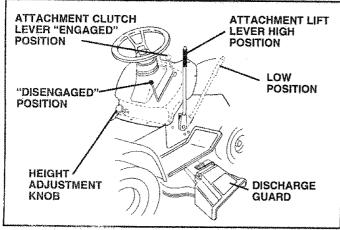


FIG. 9

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. 10)

to tractor (rope, cord. etc.).

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.

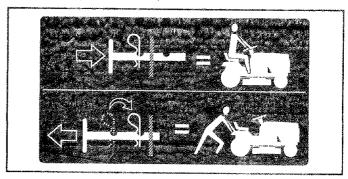


FIG. 10

BEFORE STARTING THE ENGINECHECK ENGINE OIL LEVEL (See Fig. 15)

- 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. 8)

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.

- Be sure freewheel control is in the transmission engaged position.
- Sit on seat in operating position, 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 fast position
- Pull choke control out for a cold engine start attempt.
 For a warm engine start attempt the choke control may not be needed.

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, push choke control in, wait a few minutes and try again. If engine still does not start, pull the choke control out and retry.

WARM WEATHER STARTING (50° F and above)

- When engine starts, slowly push choke control in until the engine begins to run smoothly. If the engine starts to run roughly, pull the choke control out slightly for a few seconds and then continue to push the control in slowly.
- 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, slowly push choke control in until the engine begins to run smoothly. Continue to push the choke control in small steps allowing the engine to accept small changes in speed and load, until the choke control is fully in. If the engine starts to run roughly, pull the choke control out slightly for a few seconds and then continue to push the control in slowly. 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 be used during the engine warmup period after the transmission has been warmed up and may require the choke control be pulled out slightly.

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 is running, move throttle control to slow position. 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 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 tractor. This will result in a more even distribution of clippings and more uniform cutting.
- When mowing large areas, start by turning to the right so that clippings will discharge away from shrubs, fences, driveways, etc. After one or two rounds, mow in the opposite direction making left hand turns until finished (See Fig. 11).
- If grass is extremely tall, it should be mowed twice to reduce load and possible fire hazard from dried clippings. Make first cut relatively high; the second to the desired height.
- Do not mow grass when it is wet. Wet grass will plug mower and leave undesirable clumps. Allow grass to dry before mowing.
- Always operate engine at full throttle when mowing to assure better mowing performance and proper discharge of material. Regulate ground speed by selecting a low enough gear to give the mower cutting performance as well as the quality of cut desired.
- When operating attachments, select a ground speed that will suit the terrain and give best performance of the attachment being used.

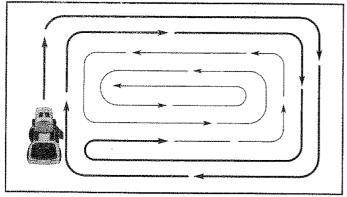


FIG. 11

MULCHING MOWING TIPS

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

- The special mulching blade will recut the grass clippings many times and reduce them in size so that as they fall onto the lawn they will disperse into the grass and not be noticed. Also, the mulched grass will biodegrade quickly to provide nutrients for the lawn. Always mulch with your highest engine (blade) speed as this will provide the best recutting action of the blades.
- Avoid cutting your lawn when it is wet. Wet grass tends to form clumps and interferes with the mulching action.
 The best time to mow your lawn is the early afternoon.
 At this time the grass has dried and the newly cut area will not be exposed to the direct sun.
- For best results, adjust the mower cutting height so that the mower cuts off only the top one-third of the grass blades (See Fig. 12). For extremely heavy mulching, reduce your width of cut and mow slowly.
- Certain types of grass and grass conditions may require that an area be mulched a second time to completely hide the clippings. When doing a second cut, mow across or perpendicular to the first cut path.
- Change your cutting pattern from week to week. Mow north to south one week then change to east to west the next week. This will help prevent matting and graining of the lawn.

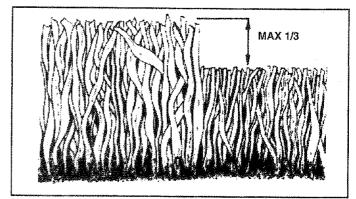


FIG. 12

FIL AS	AINTENANCE SCHEDULE L IN DATES YOU COMPLETE GULAR SERVICE	0	FFORE	JERY 8	E A S	HOURS VERY 50	HOUR	O HOUR	S ASON	SEF	NVICE	E DA	ΓES
	Check Brake Operation	W	W					ļ	ļ	<u> </u>	ļ		
	Check Tire Pressure	W	1					<u> </u>		<u> </u>			
T	Check for Loose Fasteners	<u> </u>				6 7		*		<u> </u>	ļ		
R	Sharpen/Replace Mower Blades			3 4			·			<u> </u>	ļ		
A	Lubrication Chart			Barrier .				W		<u> </u>	ļ	-	
T	Check Battery Level/Recharge			6					<u></u>			_	
0	Clean Battery and Terminals			W				8				ļ	
R	Check Transaxle Cooling			W						ļ		ļ	
	Adjust Blade Belt(s) Tension		<u> </u>			5				ļ	<u> </u>	ļ	
	Adjust Motion Drive Belt(s) Tension					1 5							
	Check Engine Oil Level	00	1		·					<u> </u>		<u> </u>	
	Change Engine Oil			1,2,3				8/			<u> </u>	<u> </u>	
p	Clean Air Filter			2		:			National Control		<u> </u>		
E	Clean Air Screen			1 2								<u> </u>	
Ġ	Inspect Muffler/Spark Arrester				8								
Name of the last	Replace Oil Filter (If equipped)					1,2							
N	Clean Engine Cooling Fins					2							
E	Replace Spark Plug					V	Baratan .						
100 Maria 100 Ma	Replace Air Filter Paper Cartridge					V 2				-			<u> </u>
	Replace Fuel Filter						1						

- 1 Change more often when operating under a heavy load or in high ambient temperatures. 5 If equipped with adjustable system.
- 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.

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

GENERAL RECOMMENDATIONS

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

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

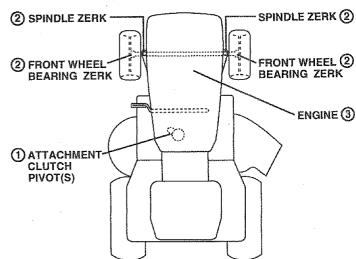
All adjustments in the Service and Adjustments section of this manual should be checked at least once each season.

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

BEFORE EACH USE

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

LUBRICATION CHART



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

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

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.

NOTE: To seal tire punctures and prevent flat tires due to slow leaks, tire sealant may be purchased from your local parts dealer. Tire sealant also prevents tire dry rot and corrosion.

BLADE CARE

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

BLADE REMOVAL (See Fig. 13)

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

IMPORTANT: BLADE BOLT IS GRADE 8 HEAT TREATED.

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

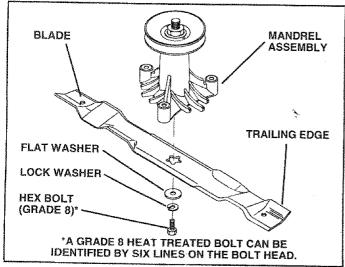


FIG. 13

TO SHARPEN BLADE (See Fig. 14)

Care should be taken to keep the blade balanced. An unbalanced blade will cause excessive vibration and eventual damage to mower and engine.

- The blade can be sharpened with a file or on a grinding wheel. Do not attempt to sharpen while on the mower.
- To check blade balance, you will need a 5/8" diameter steel bolt, pin, or a cone balancer. (When using a cone balancer, follow the instructions supplied with balancer).
- Slide blade on to an unthreaded portion of the steel bolt or pin and hold the bolt or pin parallel with the ground.
 If blade is balanced, it should remain in a horizontal position. If either end of the blade moves downward, sharpen the heavy end until the blade is balanced.

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

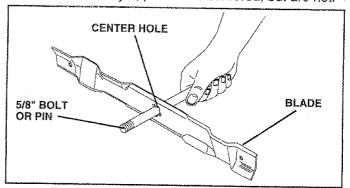


FIG. 14

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.

- Remove terminal guard.
- 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

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

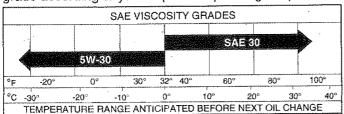


FIG. 15

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 every 25 hours of operation 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 Figs. 15 and 16)

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

- · 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.

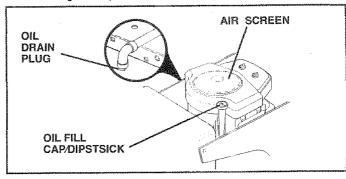


FIG. 16

CLEAN AIR SCREEN (See Fig. 16)

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.

AIR FILTER (See Fig. 17)

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 wing nuts and cartridge plate.
- Carefully remove cartridge to prevent debris from entering carburetor.
- Clean cartridge by tapping gently on flat surface. If very dirty or damaged, replace cartridge.
- Reinstall cartridge plate, wing nuts, precleaner, cover and secure with knob(s).

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

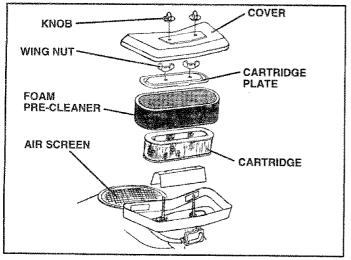


FIG. 17

ENGINE COOLING FINS (See Fig. 18)

Remove any dust, dirt or oil from engine cooling fins to prevent engine damage from overheating. Air guide covers must be removed. Remove side panels and hood (See "TO REMOVE HOOD AND GRILL ASSEMBLY" in the Service and Adjustments section of this manual).

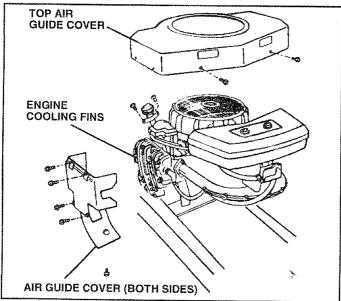


FIG. 18

MUFFLER

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

SPARK PLUGS

Replace spark plugs at the beginning of each mowing season or after every 100 hours of operation, whichever 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. 19)

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

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

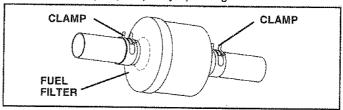


FIG. 19

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.

TO REMOVE MOWER (See Fig. 20)

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

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

IMPORTANT: IF AN ATTACHMENT OTHER THAN THE MOWER DECK IS TO BE MOUNTED ON THE TRACTOR, REMOVE THE FRONT LINKS.

TO INSTALL MOWER (See Fig. 20)

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

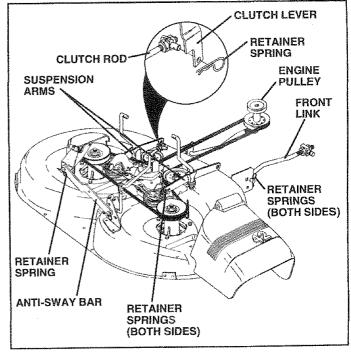


FIG. 20

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. 21 and 22)

- 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.

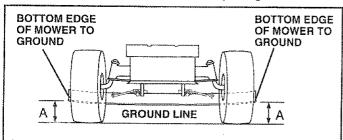


FIG. 21

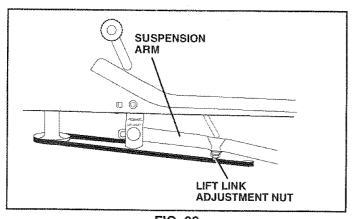


FIG. 22

FRONT-TO-BACK ADJUSTMENT (See Figs. 23 and 24) IMPORTANT: DECK MUST BE LEVEL SIDE-TO-SIDE. IF THE FOLLOWING FRONT-TO-BACK ADJUSTMENT IS NECESSARY, BE SURE TO ADJUST BOTH FRONT LINKS EQUALLY SO MOWER WILL STAY LEVEL SIDE-TO-SIDE.

To obtain the best cutting results, the mower housing should be adjusted so that the front is approximately 1/8" to 1/2" 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 1/8" to 1/2" 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 1/8" to 1/2" lower at front than rear, tighten nut "F" against trunnion on both front links.
- Recheck side-to-side adjustment.

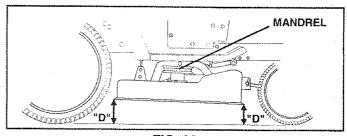
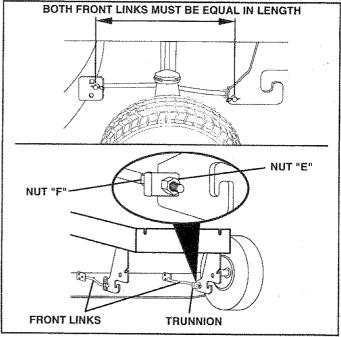


FIG. 23



TO REPLACE MOWER BLADE DRIVE BELT (See Fig. 25)

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.

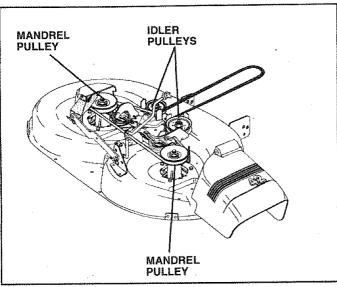


FIG. 25

TO ADJUST BRAKE (See Fig. 26)

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.

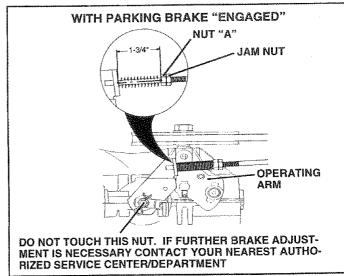


FIG. 26

TO REPLACE MOTION DRIVE BELT (See Fig. 27)

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

- Remove mower (See "TO REMOVE MOWER" in this section of this manual.)
- Remove upper belt keeper.
- Remove belt from stationary idler and clutching idler.
- Pull belt slack toward rear of tractor. 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.

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

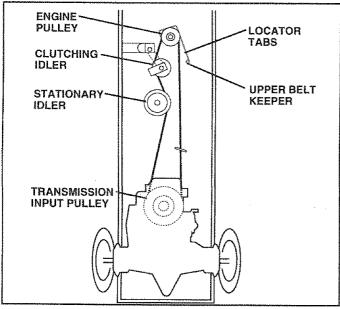


FIG. 27

TO ADJUST MOTION CONTROL LEVER (See Fig. 28)

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 TRANSMISSION" in the Operation section of this manual.

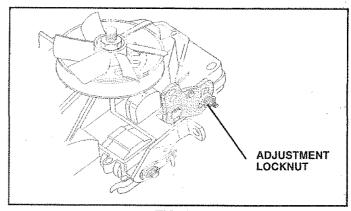


FIG. 28

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. 29)

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

NOTE: To seal tire punctures and prevent flat tires due to slow leaks, tire sealant may be purchased from your local parts dealer. Tire sealant also prevents tire dry rot and corrosion.

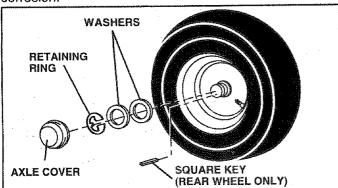


FIG. 29

TO START ENGINE WITH A WEAK BATTERY (See Fig. 30)



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.

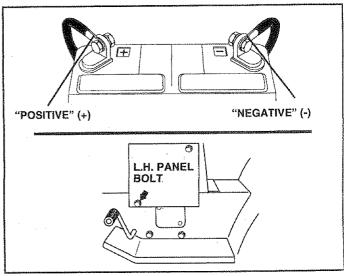


FIG. 30

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 the 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. 31)

- 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 procedures.

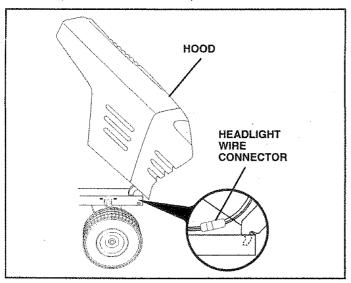


FIG. 31

ENGINE

TO ADJUST THROTTLE CONTROL CABLE (See Fig. 32)

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

- With engine not running, move throttle control lever to fast position.
- Check that swivel is against side of quarter circle. If it is not, loosen cable clamp screw and pull cable back until swivel is against quarter circle. Tighten cable clamp screw securely.

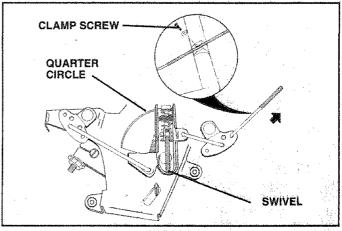
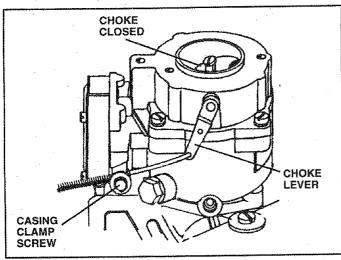


FIG. 32

TO ADJUST CHOKE CONTROL (See Fig. 33)

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

- With engine not running, move choke control (located on dash panel) to full choke position.
- Remove air cleaner cover, filter and cartridge plate to expose carburetor choke (see "AIR FILTER" in the Customer Responsibilities section of this manual).
- Choke should be closed. If it is not, loosen casing clamp screw and move choke cable until choke is completely closed. Tighten casing clamp screw securely.
- Reassemble air cleaner.



FIG, 33

TO ADJUST CARBURETOR (See Figs. 34 & 35)

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 the mixture screw in (clockwise) decreases the supply of fuel to the engine giving a leaner fuel/air mixture. Turning the mixture screw out (counterclockwise) increases the supply of fuel to the engine giving a richer fuel/air mixture.

IMPORTANT: DAMAGE TO THE NEEDLES AND THE SEATS IN CARBURETOR MAY RESULT IF SCREW IS TURNED IN TOO TIGHT.

PRELIMINARY SETTING -

- Be sure you have a clean air filter, and the throttle control cable and choke are adjusted properly (see above).
- With engine off turn idle mixture screw in (clockwise) closing it finger tight and then turn out (counterclockwise) 1-1/4 to 1-1/2 turns.

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.

- With throttle control lever in slow position, hold throttle lever against idle speed screw and adjust idle speed screw to obtain 1200 to 1400 RPM.
- While still holding throttle lever against idle speed screw, turn idle mixture screw in (clockwise) until engine begins to die and then turn out (counterclockwise) until engine runs rough. Turn screw to a point midway between those two positions.
- Continue to hold throttle lever against idle speed screw and adjust idle speed screw to obtain 900 to 1200 RPM. Release throttle lever.

ACCELERATION TEST -

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

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.

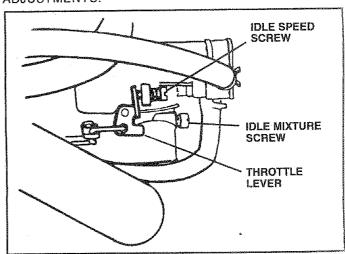


FIG. 34

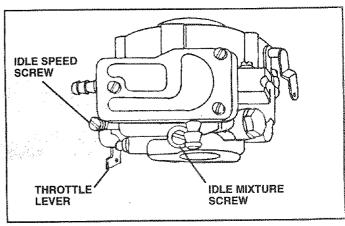


FIG. 35

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 SYSTEM PARTS SUCH AS CARBURETOR, FUEL FILTER, FUEL HOSE, OR TANK DURING STORAGE. ALSO, EXPERIENCE INDICATES THAT ALCOHOL BLENDED FUELS (CALLED GASOHOL OR USING ETHANOL OR METHANOL) CAN ATTRACT MOISTURE WHICH LEADS TO SEPARATION AND FORMATION OF ACIDS DURING STORAGE. ACIDIC GAS CAN DAMAGE THE FUEL SYSTEM OF AN ENGINE WHILE IN STORAGE.

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

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

ENGINE OIL

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

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.

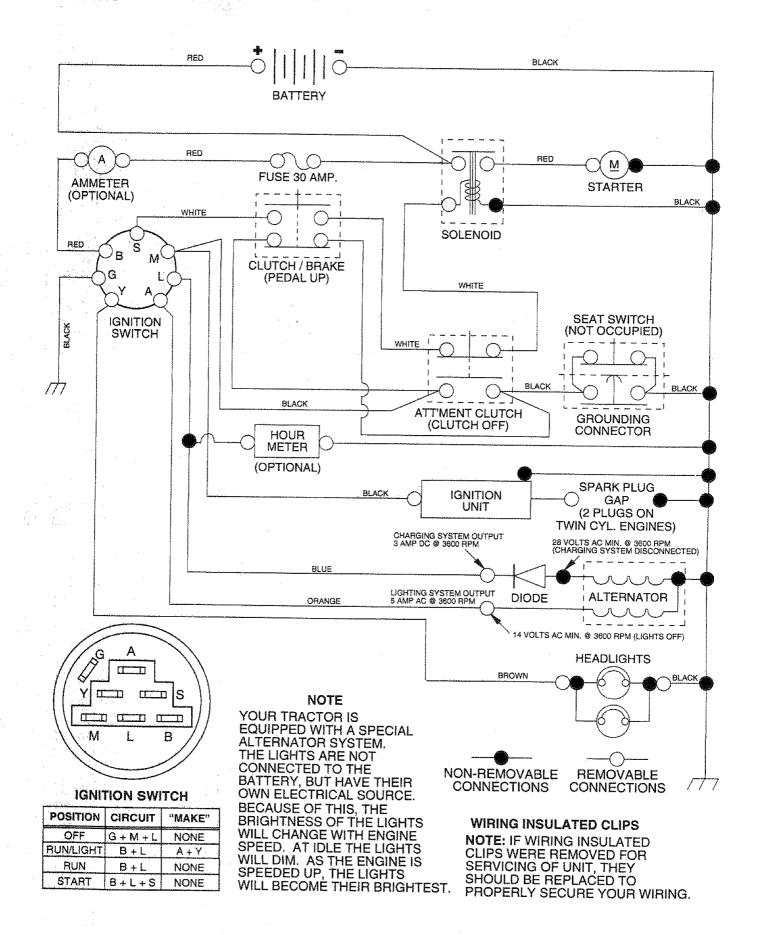
TROUBLESHOOTING POINTS

PROBLEM	CAUSE	CORRECTION			
Will not start	1. Out of fuel.	1. Fill fuel tank.			
	Engine not "CHOKED" properly.	See "TO START ENGINE" in Operation section. Wait several minutes before attempting to start.			
	Engine flooded. Bad spark plug.	Replace spark plug.			
a signification of the second	5. Dirty air filter.	5. Clean/replace air filter.			
	6. Dirty fuel filter.	6. Replace fuel filter.			
	7. Water in fuel.	7. Drain fuel tank and carburetor, refill tank with fresh			
	a de la constitución de la const	gasoline and replace fuel filter. 8. Check all wiring.			
	Loose or damaged wiring. Carburetor out of adjustment.	See "To Adjust Carburetor" in Service Adjustments			
	9. Carburetor out of adjustment.	section.			
	10. Engine valves out of adjustment.	Contact an authorized service center/department.			
Hard to start	1. Dirty air filter.	Clean/replace air filter.			
naru to start	2. Bad spark plug.	2. Replace spark plug.			
	Weak or dead battery.	Recharge or replace battery.			
	4. Dirty fuel filter.	Replace fuel filter. Drain fuel tank and refill with fresh gasoline.			
	5. Stale or dirty fuel.	Drain fuel tank and refill with fresh gasoline. Check all wiring.			
	Loose or damaged wiring. Carburetor out of adjustment.	7. See "To Adjust Carburetor" in Service Adjustments			
	7. Carbaretor but or adjustments	section.			
	Engine valves out of adjustment.	Contact an authorized service center/department.			
Engine will not turn over	Clutch/brake pedal not depressed.	Depress clutch/brake pedal.			
mildine min not tall ovol	2. Attachment clutch is engaged.	Disengage attachment clutch.			
	Weak or dead battery.	Recharge or replace battery.			
	4. Blown fuse.	Replace fuse. Clean battery terminals.			
	Corroded battery terminals. Loose or damaged wiring.	6. Check all wiring.			
	7. Faulty ignition switch.	7. Check/replace ignition switch.			
The production of the second	Faulty solenoid or starter.	8. Check/replace solenoid or starter.			
	Faulty operator presence switch(es).	Contact an authorized service center/department.			
Engine clicks but will not	Weak or dead battery.	Recharge or replace battery.			
start	Corroded battery terminals.	2. Clean battery terminals.			
a see a	Loose or damaged wiring.	Check all wiring. Check/replace solenoid or starter.			
	4. Faulty solenoid or starter.	4. Organization of station			
Loss of power	Cutting too much grass/too fast.	Set in "Higher Cut" position/reduce speed.			
•	2. Throttle in "CHOKE" position.	Adjust throttle control. Clean underside of mower housing.			
And the Annual Control of the Contro	 Build-up of grass, leaves and trash under mower. Dirty air filter. 	4. Clean/replace air filter.			
•	5. Low oil level/dirty oil.	5. Check oil level/change oil.			
	6. Faulty spark plug.	Clean and regap or change spark plug.			
	7. Dirty fuel filter.	7. Replace fuel filter.			
	8. Stale or dirty fuel.	8. Drain fuel tank and refill with fresh gasoline. 9. Drain fuel tank and carburetor, refill tank with fresh			
and the second of the second o	9. Water in fuel.	gasoline and replace fuel filter.			
	10. Spark plug wire loose.	10. Connect and tighten spark plug wire.			
	11. Dirty engine air screen/fins.	11. Clean engine air screen/fins.			
graduation of the second of th	12. Dirty/clogged muffler.	12. Clean/replace muffler.			
	13. Loose or damaged wiring.	13. Check all wiring.14. See "To Adjust Carburetor" in Service Adjustments			
	14, Carburetor out of adjustment.	section.			
	15. Engine valves out of adjustment.	15. Contact an authorized service center/department.			
Excessive vibration	Worn, bent or loose blade. Bent blade mandrel.	Replace blade. Tighten blade bolt. Replace blade mandrel.			
	Bent blade mandrel. Loose/damaged part(s).	Tighten loose part(s). Replace damaged parts.			
	* manaulum				

TROUBLESHOOTING POINTS

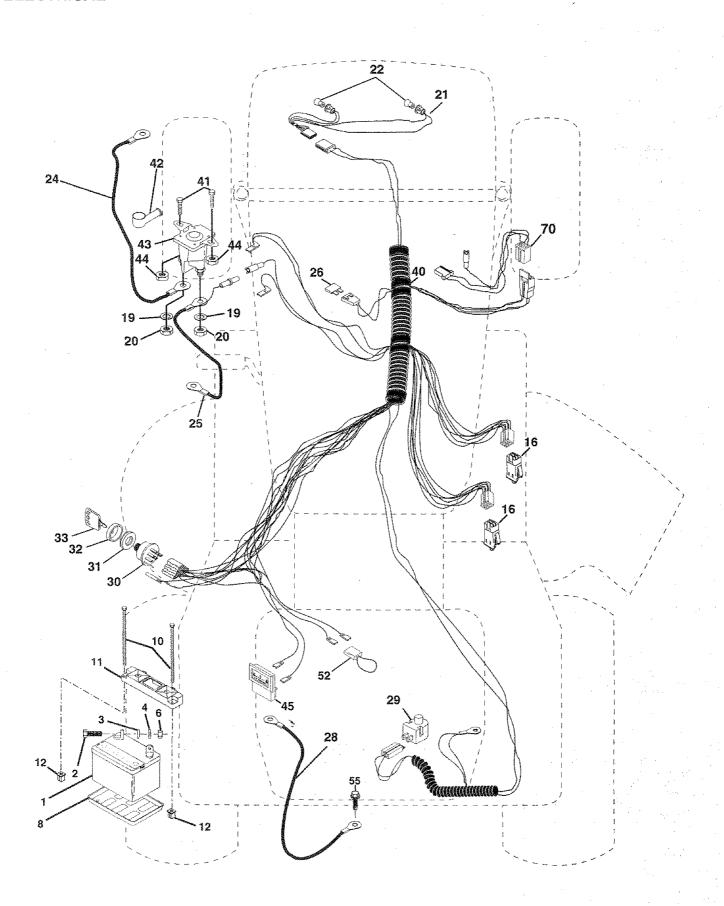
PROBLEM	CAUSE	CORRECTION			
Engine continues to run when operator leaves seat with attachment clutch engaged	Faulty operator-safety presence control system.	Check wiring, switches and connections. If not corrected, contact an authorized service center/department.			
Poor cut - uneven	 Worn, bent or loose blade. Mower deck not level. Buildup of grass, leaves, and trash under mower. Bent blade mandrel. Clogged mower deck vent holes from buildup of grass, leaves, and trash around mandrels. 	 Replace blade. Tighten blade bolt. Level mower deck. Clean underside of mower housing. Replace blade mandrel. Clean around mandrels to open vent holes. 			
Mower blades will not rotate	Obstruction in clutch mechanism. Worn/damaged mower drive belt. Frozen idler pulley. Frozen blade mandrel.	Remove obstruction. Replace mower drive belt. Replace idler pulley. Replace blade mandrel.			
Poor grass discharge	 Engine speed too slow. Travel speed too fast. Wet grass. Mower deck not level. Low/uneven tire air pressure. Worn, bent or loose blade. Buildup of grass, leaves and trash under mower. Mower drive belt worn. Blades improperly installed. Improper blades used. Clogged mower deck vent holes from buildup of grass, leaves, and trash around mandrels. 	 Place throttle control in "FAST" position. Shift to slower speed. Allow grass to dry before mowing. Level mower deck. Check tires for proper air pressure. Replace/sharpen blade. Tighten blade bolt. Clean underside of mower housing. Replace mower drive belt. 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. 	1. Turn switch "ON". 2. Replace bulb(s). 3. Check/replace light switch. 4. Check wiring and connections. 5. 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.			

SCHEMATIC



TRACTOR - - MODEL NUMBER 917.259573

ELECTRICAL



TRACTOR - - MODEL NUMBER 917.259573

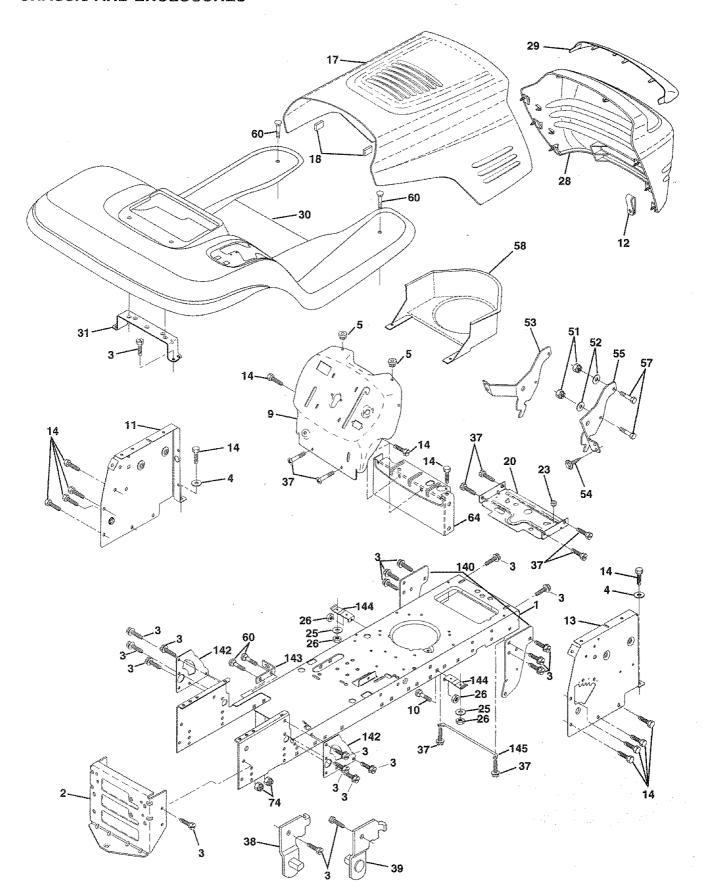
ELECTRICAL

KEY NO.	PART NO.	DESCRIPTION
26 28 29 30 31 32 33 40 41 42 43 44 45 52	109310X 156442 71110408 131563 145673 73640400	Battery Bolt, Hex 1/4-20 x 3/4 Washer 9/32 x 5/8 x 16 Gauge Washer, Lock 1/4 Nut, Hex 1/4-20 Tray, Battery Bolt, Btr Front 1/4-20 x 7-1/2 Holddown Battery Front Mount Nut, Push Nylon Battery Front 1/4 Switch Interlock Push-In Washer, Lock 1/4 Nut, Hex, Jam 1/4-20 Harness, Light Socket (w/4152J) Light Bulb Cable, Battery Cable, Battery Fuse Cable, Ground Switch, Seat Switch, Ignition 4 Position Nut, Ignition Cover, Ignition Switch Key, Molded, Craftsman Harness, Ignition Bolt Blk Fin Hex 1/4-20 UNC x 1/2 Cover, Terminal Solenoid Nut Keps Blk Hex 1/4-20 UNC Ammeter Rectangular 6 Amp Protection Wire Loop (Hour Meter) Screw Thdrol 5/16-18 x 1/2 Harness Engine B&S/Tec Dual

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

TRACTOR - - MODEL NUMBER 917.259573

CHASSIS AND ENCLOSURES



TRACTOR - - MODEL NUMBER 917.259573

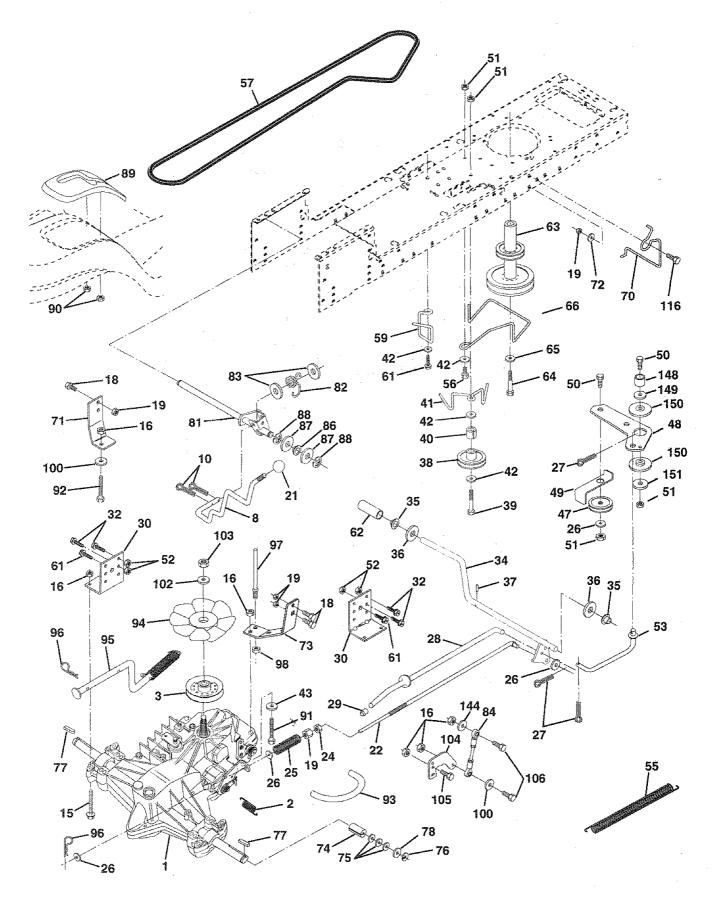
CHASSIS AND ENCLOSURES

KEY NO.	PART NO.	DESCRIPTION
	160392 140356 17490612 STD551025 155272 161917X011 STD533710 155927 145660 155936 17490608 144983X558 126938X 156437 124028X 19131312 STD541437 145198X558 155217 151287X558 139976 17490508 139886 139886 139887 73800400 19091416 145201 161464 145202 STD552507 140547 72140606 154798 STD541437 140 158418 156095 154966 154966 154207 156524	Chassis Drawbar Screw, Thd., Roll. 3/8-16 x 3/4 Type TT Washer 13/32 x 3/4 x 16 Gauge Bumper Hood/Dash Dash, Silkscreened Bolt, Carriage 3/8-16 x 1 Panel, Dash, LH Clip Tinnerman Grille P/L Panel, Dash, RH Screw, Thd., Roll. 3/8-16 x 1/2 Type TT Hood Assembly Bumber Hood Plate Mtg Battery Fuel Tank Bushing, Snap, Nylon, Fuel Line Washer 13/32 x 13/16 x 12 Gauge Locknut, Hex, with Insert 3/8-16 UNC Grille, W/Clips MS-558 Lens, Grille Fender/Footrest Bracket, Fender/Support Screw, Thdrol. 5/16-18 x 1/2 TYT Pivot Bracket Assembly, LH, Mower, Rear Pivot Bracket Assembly, RH, Mower, Rear Nut Lock W/insert 1/4 - 20 UNC Washer 9/32 X 7/8 X 16 Ga. Bracket Grille Pickoff LH Screw, Hex Wshd #8-18 x 7/8 Bracket Grille Pickoff RH Bolt FinHex 1/4 -20 UNC X.75 Air Duct P/L 18HP B&S Opp. Twin Bolt Rdhd Sqnk 3/8-16 UNC x 3/4 Dash Lower STLT Nut Crownlock 3/8-16 UNC Bracket Suspension Front Plate Reinforcement STLT Bracket Swaybar Chassis Bracket Footrest STLT Rod Pivot Chassis/Hood

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

TRACTOR - - MODEL NUMBER 917.259573

DRIVE



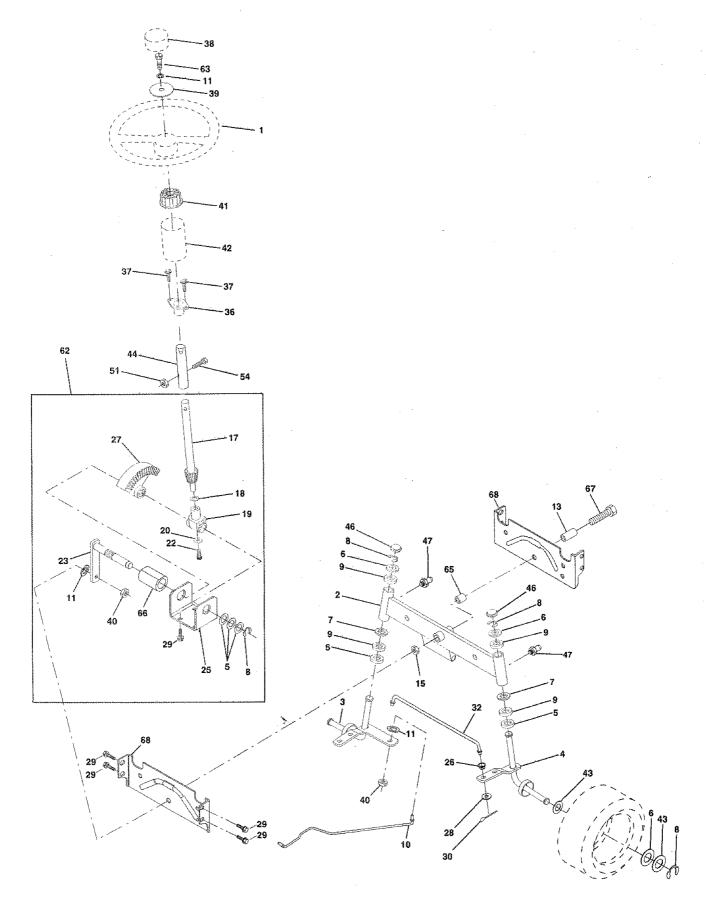
TRACTOR - - MODEL NUMBER 917.259573

DRIVE

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	150071	Transaxle (See Breakdown)	64	71170764	Bolt Hex 7/16-20 x 4 Gr. 5
		Hydro Gear Model No. 310-0650	65	STD551143	Washer
2	142431	Spring, Return, Brake	66	161488	Keeper Belt Engine Hydro
3	143995	Pulley, Transaxle	70	134683	Guide Belt RH Engine
8	154792	Rod Shift Fender STLT	71	140158	Strap Torque Lh Hydro 18/20" T
10 15	STD561210 74490544	Pin Cotter 1/8 x 1 CAD	72 73	19132012 156347	Washer 13/32 x 1-1/4 x 12 Ga.
16	STD541431	Bolt Hex Flghd 5/16-18 Gr. 5 Nut Lock Hex W/Ins. 5/16-18 Unc	73 74	121199X	Strap Torque Rh Hydro 0650 Spacer, Split
18	STD523710	Bolt Fin Hex 3/8-16 Unc x 1 Gr. 5	75	121749X	Washer 25/32 x 1-1/4 x 16 Gauge
19	STD541437	Nut Lock Hex W/Wsh 3/8-16 Unc	76	STD581075	E-Ring
21	130564	Knob, Deluxe 1/2-13	77	123583X	Key, Šquare
22	145627	Rod, Brake Hydro	78	121748X	Washer 25/32 x 1-5/8 x 16 Gauge
24	73350600	Nut, Hex Jam 3/8-16 Unc	81	161079	Shaft Asm. Cross Hydro 20" Tires
25	106888X	Spring, Brake Rod .	82	123782X	Spring Torsion T/A
26 27	STD551037 STD561210	Washer Pin Cotter 1/8 x 3/4 CAD.	83 84	19171216	Washer 17/32 x 3/4 x 16 Ga.
28	145204	Rod, Parking Brake	86	161901 157480	Rod, Tie Hydro 20" Tires Bushing
29	124236X	Cap, Parking Brake	87	19212016	Washer 21/32 x 1-1/4 x 16 Ga.
30	130807	Bracket, Transaxle	88	12000008	Ring Klip #5304-62
32	74760512	Bolt Hex Hd 5/16-18 Unc x 3/4	89	158388	Console, Shift
34	155071	Shaft, Foot Pedal	90	124346X	Nut Self-Thd Wsh-hd 1/4 Zinc
35	120183X	Bearing, Nylon	91	74780536	Bolt Fin Hex 5/16-18 x 2-1/4
36 37	19211616	Washer		74780524	Bolt Fin Hex 5/6-18 Unc x 1-1/2
38	1572H 123674X	Pin, Roll Pulley, Idler, Flat	93 94	142564 140462	Line Fuel Hydro 4" Fan, Hydro 7"
39	STD523727	Bolt	95	144643	Control Bypass Hydro 20" Tires
40	4470J	Spacer, Split		4497H	Retainer Spring 1" Zinc/Cad
41	154777	Keeper, Belt Idler	97	140469	Keeper Bolt Rh Hydro 0750. 18/20"
42	19131312	Washer 13/32 x 13/16 x 12 Gauge		73510600	Nut Keps Hex 3/8-16 Unc
43	19111012	Washer 11/32 x 5/8 x 12 Ga.		19111216	Washer 11/32 x 3/4 x 16 Ga.
47	127783	Pulley, Idler, V-Groove		141322	Washer Bellville .501D x 1.50D
48 49	154407 123205X	Bellcrank Clutch Grnd Drv STL Retainer, Belt		73940800 140156	Nut Hex Jam Toplock 1/4-20 Unf
50	STD523715	Bolt		71070516	Arm, Control Hydro Screw Cap Hex 5/16 x 18 x 1
51	STD541437	Nut Crownlock 3/8-16 UNC		74780520	Bolt Fin Hex 5/16-18 Unc x 1-1/4
52	STD541431	Nut, Crownlock 5/16-18 Unc		72110610	Bolt Carr. 3/8-16 x 1.25
53	105710X	Link, Clutch		19111016	Washer 11/32 x 5/8 x 16 Ga.
55	105709X	Spring, Return, Clutch		159103	Spacer
56	STD523712	Bolt Hex 3/8-16 x 1-1/4		122052X	Spacer Retainer PM Mower
57	161588	V-Belt, Ground Drive		150935	Bushing Nylon Collered
59 61	140312 17490612	Keeper, Center Span Screw Thdrol. 3/8-16 x 3/4 Ty. TT	151	19133210	Washer 13/32 x 2 x 10 Ga.
62	8883R	Cover, Pedal	NI/C***	E. All some	and discounting when to the Control
63	161399	Pulley, Engine	NOI	E: All compon 1 inch = 25	ent dimensions given in U.S. inches
				1 IIIVII = 23	*** ! ! ! ! ! !

TRACTOR - - MODEL NUMBER 917.259573

STEERING ASSEMBLY



TRACTOR - - MODEL NUMBER 917.259573

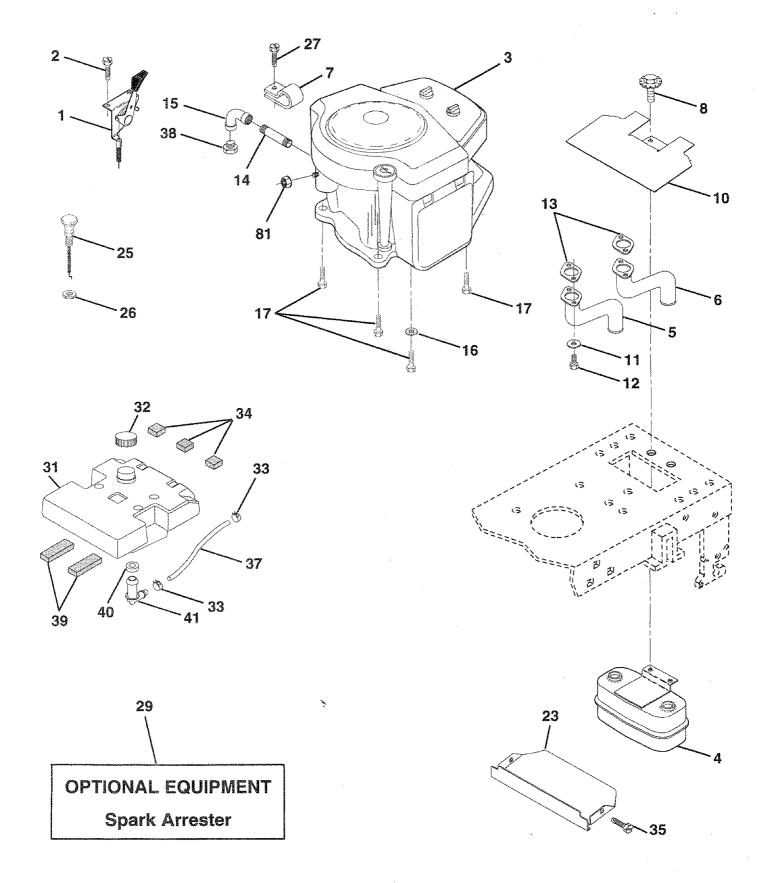
STEERING ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION
1234567890113578902235678902678904123446714235666666666666666666666666666666666666	126684X 71200410 127501 154406 126847X 136874 19131416 17490612 STD561210 130465 155099 152927 139769 19133808 7810H 100711L 145054 121749X 153720 121232X 6855M 73800500 74780520 156594 74780616 154780	Wheel Steering Std Black Axle Asm Front Spindle Asm Lh Spindle Asm Rh Bearing Race Thrust Harden Washer 25/32 X 1 5/8 X 16ga Washer 27/32 X 1 1/4 X 16 Ga Ring Klip #t5304-75 Bearing Col Strg Blk Link Drag Extended Stamped Washer Lock Hvy Hlcl Spr 3/8 Bearing Axle STLT/GT Locknut Flange 5/8-11 UNC Shaft Asm Strg Private Label Washer Thrust 515x 750x 033 Support Shaft Washer Shim 1/4 X 5/8 X 062 Screw Hex Sckt 1/4-20 x 5/8 Shaft Asm Pittman 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 Id Dash Screw TT #10-32x5x3/8 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 Boot Shaft Steering Washer 25/32 X 1 1/4 X 16 Ga Extension Steering Non-Adjust Cap Spindle Fr Top Blk Fitting Grease Nut Lock Hex W/Ins 5/16 -18 UNC Bolt Fin Hex 5/16 - 18 UNC X 1 -1/4 Kit, Steering Assembly Bolt Fin Hex 3/8-16unc x 1 Gr.5 Spacer Axle Bearing Arm Pittman Bolt Fin Hex 5/8-11 UNC x 2-3/4 Axle Brace

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

TRACTOR - - MODEL NUMBER 917.259573

ENGINE



TRACTOR - - MODEL NUMBER 917.259573

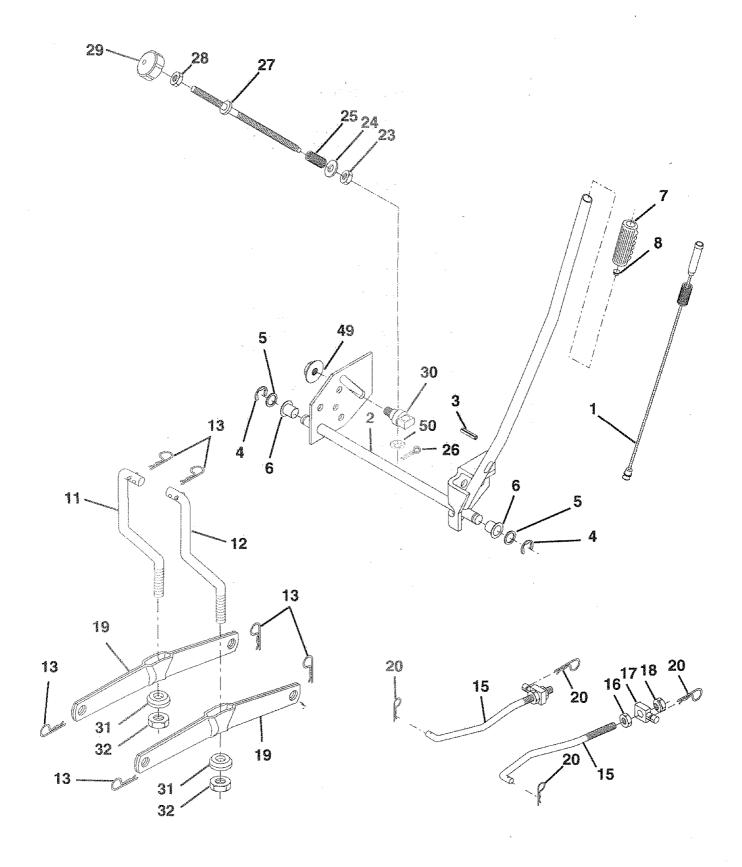
ENGINE

KEY NO.	PART NO.	DESCRIPTION
1	162152	Control Throt Paddle 32 22
2 3	17720410	Screw Hex Thd Cut 1/4-20x5/8 T Engine (See Breakdown) Briggs
4	149723	Model No. 42E707-2631-E1 Muffler Exhaust
5 6	144069	Exhaust Asm. Left
6	144068	Exhaust Asm. Right
7	138129	Clamp Tube Double Engine
8	150176	Bolt 5/16 - 18 UNC X 3/4 W/Sems
10 11	145552 STD551125	Heat Shield Lt
12	STD551125	Washer Lock Hvy. Helical 1/4 Bolt Fin Hex 1/4-20 x 3/4
13		Gasket Muffler
14	13280336	Nipple Pipe 4-1/2"
15		Elbow Std 90 Degree 3/8-18 Npt
16	STD551237	Washer Lock Ext Tooth 3/8
	17490624	Screw Thdrol 3/8-16x1-1/2 Tytt
23	159880	Shield Browning/Debris Guard
25		Control Choke
	73920600	Nut Keps 3/8-24 Unf
27 29	152927 137180	Screw TT #10-32 x 5 x 3/8 Flange
31	157103	Arrestor Spark Tank Fuel 3 50 Rear
32	155971	Cap Fuel Guage STLT
33	123487X	Clamp Hose Blk
34	106082X	Spacer Pad
35	17490512	Screw Thdrol 5/16-18 x 3/4 TYT
37	8543R	Line Fuel
38	THE UNI SEE SEE SEE SEE	Plug Oil Drain (Order From Engine Manufacturer)
39	109227X	Pad Idler 1.75 x .75 x .06
40	3645J	Bushing
41	139277	Stem Tank Fuel
81	128861	Nut, Flange 1/4-20 Starter Nut

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

TRACTOR - - MODEL NUMBER 917.259573

MOWER LIFT



TRACTOR - - MODEL NUMBER 917.259573

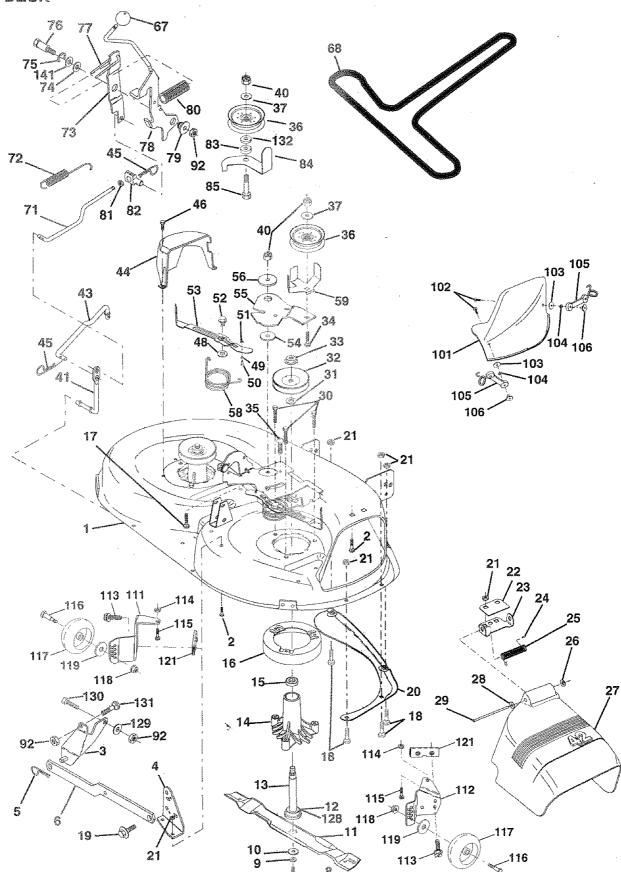
MOWER LIFT

KEY NO.	PART	DESCRIPTION
NO.	NO.	DESCRIPTION
1	159460	Wire Assy., Inner/Spring, w/Plunger
	159471	Shaft Asm. Lift
2 3 4	105767X	Pin Groove
4	12000002	E Ring #5133-62
5 6 7	19211621	Washer 21/32 x 1 x 21 Ga.
6	120183X	Bearing Nylon
7	125631X	Grip Handle Fluted
8	122365X	Button Plunger Read
	139865	Link Lift Lh Fixed Length
12	139866	Link Lift Rh Fixed Length
13	STD624008	Retainer Spring
15	127218	Link Front
	73350800	Nut Jam Hex 1/2-13 Unc
	130171	Trunnion Blk Zinc
	73800800	Nut Lock W/Wsh 1/2-13 Unc
	139868 STD624008	Arm Suspension Rear
	110807X	Retainer Spring
24	19131016	Nut Special Washer 13/32 x 5/8 x 16 Ga.
25		Spring 2-1/8"
26		Pin cotter 3/32 x 1/2
	126971X	Rod Adj. Lift
	73350600	Nut Hex Jam 3/8-16
	138057	Knob Inf. 3/8-16
30	150233	Trunnion Infin. Height
	140302	Bearing, Pivot, Lift, Special
	73540600	Nut, Crownlock 3/8-24
49	145212	Nut Flange Lock
50	110452X	Nut Push Phos & Oil

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

TRACTOR - - MODEL NUMBER 917.259573

MOWER DECK



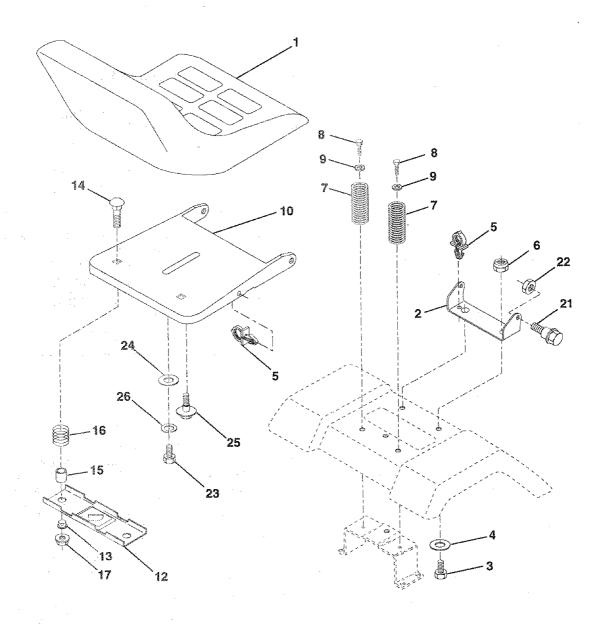
TRACTOR - - MODEL NUMBER 917.259573

MOWER DECK

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
12345	144393 STD533107 138017 138440 STD624008	Mower Housing Bolt Bracket Assembly,Sway Bar, Front Bracket Assembly, Sway Bar Retainer Spring	58 59 67 68 71	140086 141043 162113 144200 142427	Spring, Torsion Brakes Guard, TUV Idler Knob Custom Oval V-Belt Rod, Clutch, Primary, with Nibs
6 8 9 10 11 12	130832 850857 STD551137 140296 134149 129895	Arm, Suspension, Rear Bolt, Hex 3/8-24 x 1.25 Grade 8 Washer, Lock Washer, Hardened Blade, Mulching Bearing, Ball	74 75 76	131870 127847 121748X 12000029 128903 127845	Spring, Return Arm, Clutch, Secondary Washer 25/32 x 1-5/8 x 16 Gauge Ring, Klip Bolt, Shoulder 3/8-16 UNC x 1.44 Keeper, Spring
13 14 15 16	137645 128774 110485X 140329	Shaft Assembly, Mandrel, Vented (Includes Key Number 6) Housing, Mandrel, Vented Bearing, Ball, Mandrel Stripper, Vented Mower Deck	78 79 80 81 82	160570 127498 153701 73350600 142028	Lever Asm. Clutch Pri Plm STLT Bushing, Large, Brass Spring, Mower Clutch Nut, Hex Jam 3/8-16 Unc Trunnion, Adj.
17 18 19 20 21 22	72110610 72140505 132827 136888 STD541431 134753	Bolt, Carriage 3/8-16 x 1-1/4 Bolt, Carriage 5/16-18 x 5/8 Bolt, Shoulder Baffle, Vortex Nut Crownlock 5/16-18 UNC Stiffener Bracket	84 85 92 101	136420	Washer Sintered Keeper, Belt Bolt, Carriage 3/8-16 x 2-1/4 Nut Mulcher Cover
23 24 25 26 27	131267 105304X 123713X 110452X 130968	Bracket, Deflector Cap, Sleeve Spring, Torsion, Deflector Nut, Push Shield, Deflector	103 104 105 106	71161010 19061216 STD551110 160793 2029J 155197	Screw Washer #10 Washer, Lock Latch Assembly, Bagger Nut, Weld Bracket, Gauge, Wheel L.H.
28 29 30 31 32	19111016 131491 157722 129963 153535	Washer 11/32 x 5/8 x 16 Gauge Rod, Hinge Screw Thd Rolling Washer Head Washer, Spacer Pulley, Mandrel	112 113 114 115	155198 17490512 73510500 72110504 137644	Bracket, Gauge, Wheel R.H. Screw Thdrol 5/16-18 x 3/4 Nut, Hex, Keps 5/16-18 UNC Bolt, Carriage 5/16 UNC x 1/2 Bolt, Shoulder
33 34 35 36 37	137266 STD533717 133835 131494 19131316	Nut, Toplock, Flanged Bolt Fastner, Christmas Tree Pulley, Idler, Flat Washer 13/32 x 13/16 x 16 Gauge	118 119 121 128	133957 73930600 19121414 143723 153390	Wheel, Gauge Nut, Centerlock 3/8-16 Washer 3/8 x 7/8 x 14 Gauge Bracket Washer Felt
40 41 43 44 45 46	STD541437 133551 140083 140088 STD624003 137729	Nut Crownlock 3/8-16 UNC Rod, Pivot, with Nibs Rod, Clutch, Secondary, with Nibs Guard, Mandrel, L.H. Retainer Screw, Thd. Roll 1/4-20 x 5/8	130 131 132	19131312 STD523710 STD533710 19132203 6266H 130794	Washer 13/32 x 13/16 x 12 Ga. Bolt, Fin Hex 3/8-16 UNC x 1 Gr. 5 Bolt, RDHD SQNK 3/8-16 UNC x 1 Washer 13/32 x 1-3/8 x 3 Ga. Washer Thrust .75 x 1.230
48 49 50 51 52	133944 155066 131340 STD541410 139888	Washer, Hardened Roller Assembly, Cam Follower Bolt, Shoulder #10-24 Grade 5 Locknut Bolt, Shoulder 5/16-18 UNC		145411	Mandrel Assembly (Includes Key Numbers 8-10, 12-15, 31 and 32) Mower Deck, Complete (Standard Deck, Order Separately Mulcher Plate and Gauge Wheel Components, Key Nos. 101-106
53 54 55 56	131845X900 133943 155046 122052X	Arm Assembly, Pad, Brake Washer, Hardened Arm, Idler Spacer, Retainer	NOT	E: All compon 1 inch = 25	and 111-121) ent dimensions given in U.S. inches

TRACTOR - - MODEL NUMBER 917.259573

SEAT ASSEMBLY

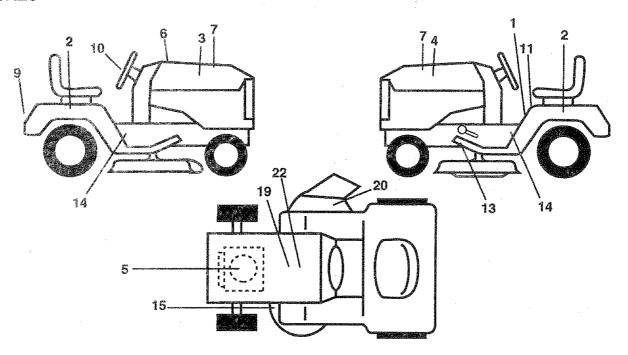


KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
4 5 6 7 8 9	140123 140551 74760616 19131610 145006 STD541437 124181X 17490616 19131614 155925 121246X	Seat Bracket Pnt Pivot Seat (blk) Bolt Fin Hex 3/8-16 UNC x 1 Washer Flat 13/32 x 1 x 10 Ga Clip Push-In Nut Lock Hex W/Ins 3/8 -16 UNC Spring Seat Cprsn 2 250 Blk Zi Screw 3/8-16x1 Washer 13/32 x 1 x 14 Ga Pan Pnt Seat (blk) Bracket Pnt Mounting Switch	13 14 15 16 17 21 22 23 24 25 26	121248X 72050412 134300 121250X 123976X 153236 STD541431 74780814 19171912 127018X STD551150	Bushing Snap Blk Nyi 50 ld Bolt Rdhd Sht Nk 1/4-20x1-1/2 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 Nut Lock Hex W/lns 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

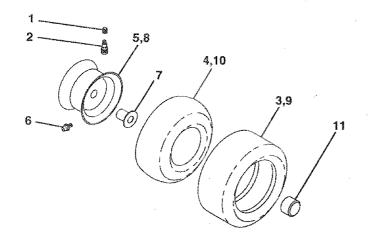
TRACTOR - - MODEL NUMBER 917.259573

DECALS



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1 2 3 4 5 6 7	156439 156810 160284 160285 273503 133644 150927	Decal Fender Danger Sears Decal Fend Auto Sears Gold Decal Hood Rh Craftsman Decal Hood Lh Craftsman Decal HP Engine Decal Maint Customer Sears Dom Decal Panel Side B&S	14 15 20 22	147138 160396 19 138047 156787 149516 138311 142341	Decal Chassis Hydro 42" Decal Mower Drive Schematic Decal, Battery Diehard Sears Decal Deck Mower EZ3 Mulching Decal Battery Decal Lift Handle Decal, Drawbar Chtrl. Myt. Hyd. Lt.
9 10 11 13	146709 150333 156811 146046	Decal Fender Craftsman Gold Decal, Cap CNSMR Help Line SRS Decal Fender STLTH Oper Inst E/S Decal V-belt Dr Sch Tractor E	** **	163270 163271 154515 154516	Manual, Owner's (English) Manual, Owner's (Spanish) Pad Footrest Lh STLT Pad Footrest Rh STLT

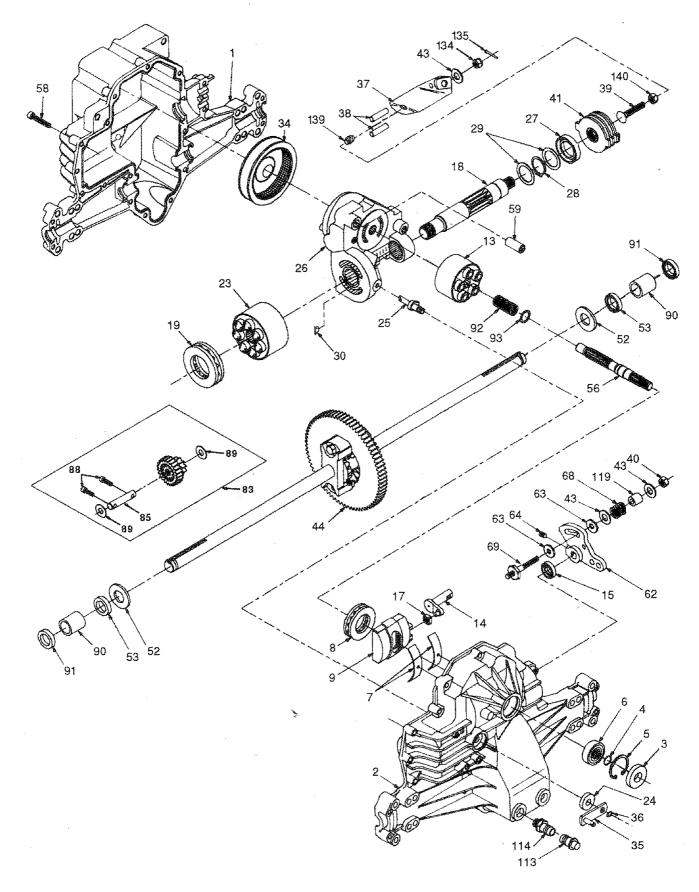
WHEELS & TIRES



KEY NO.	PART NO.	DESCRIPTION
1	59192	Valve Cap, Tire
2	65139	Stem, Valve
3	106222X	Tire, Front
4	59904	Tube, Front Tire
		(Not Provided, Service Item Only)
5	106732X427	Rim, Front
6	278H	Fitting, Grease (Front Wheel Only)
7	9040H	Bearing, Flange (Front Wheel Only)
8	106108X427	Rim. Rear
9	122082X	Tire, Rear
10	7152J	Tube, Rear Tire
		(Not Provided, Service Item Only)
11	104757X	Cap, Axle
	144334	Sealant, Tire (10 oz. Tube)
		,

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

TRACTOR - - MODEL NUMBER 917.259573 HYDRO GEAR TRANSAXLE - MODEL NUMBER 310-0650

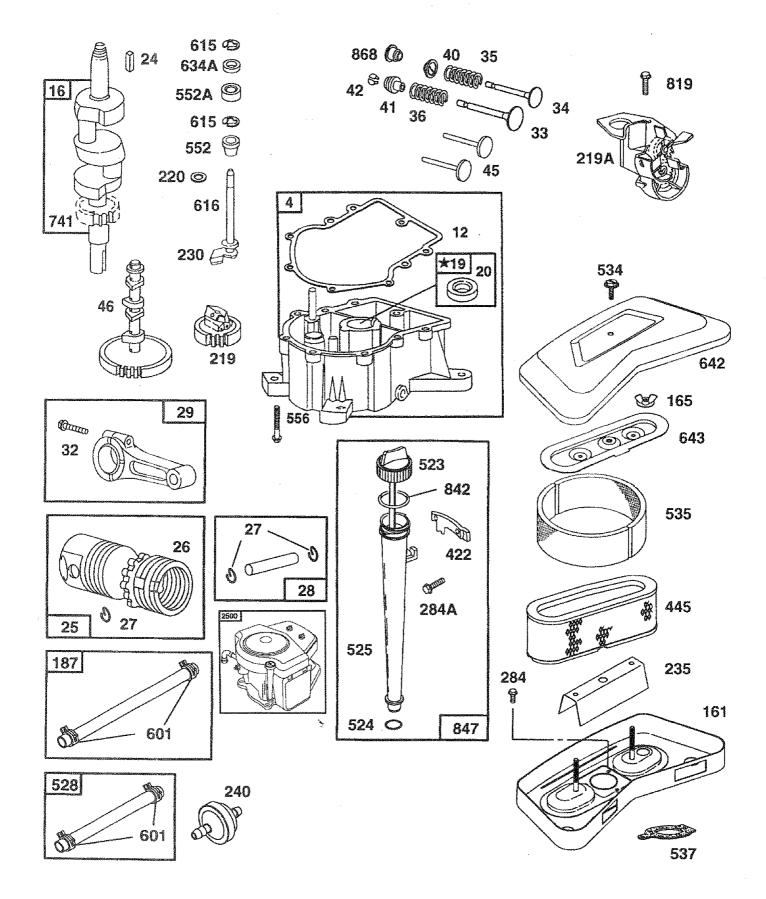


TRACTOR - - MODEL NUMBER 917.259573

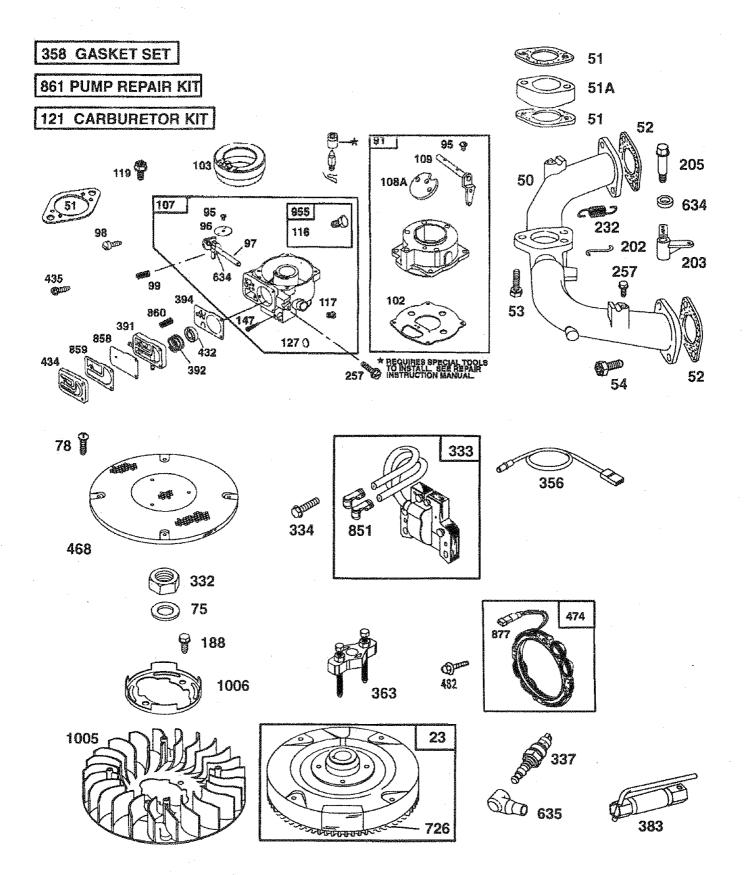
HYDRO GEAR TRANSAXLE - MODEL NUMBER 310-0650

KEY	PART		KEY	PART	
NO.		DESCRIPTION		€N 0.	DESCRIPTION
1	142930	Housing, Lower	43	142884	Washer 7/16 x 7/8 x .060
2	142931	Assembly, Upper Housing	44	150829	Differential Assembly
3	142932	Seal, Lip	52	142991	Washer 3/4 x 1.5 x .13
4	142928	Ring, Wire Retaining	53	142961	Seal .75 x 1.25 x .250
5	142933	Ring, Retaining	56	142963	Shaft, Input
6	142934	Bearing, Shaft Ball	58	142964	Bolt 1/4-20 x 1.38
7	142935	Bearing, Cradle	59	142965	Pin .5 OD x .43 ID x .750
8	150771	Bearing, Thrust 30 x 52 x 13	62	142966	Arm, Control
9	142937	Swashplate, Variable	63	142967	Puck, Dampener
13	142938	Block, Cylinder Assembly	64	142920	Set Screw
14	142939	Arm, Trunnion	68	142969	Spring
15	142940	Seal, Lip	69	144610	Stud 5/16-24
17	142941	Guide, Slot	83	142971	Jackshaft Assembly
18	150772	Shaft, Motor	85	150806	Jackshaft
19	150773	Bearing, Thrust 42 x 68 x 16	88	142973	Screw, Cap
23	142944	Block, Cylinder Assembly	89	142974	Washer 7/16 x 1 x 1/2
24	142945	Seal, Lip 10 x 25 x 7	90	142975	Sleeve Bearing
25	142946	Actuator, Bypass	91	142976	Seal, Wiper
26	150774	Center Section Assembly Kit	92	142977	Spring, Block
27	142948	Seal, Lip 26 x 42 x 8	93	142978	Washer, Block Thrust
28	142949	Ring, Retaining		142917	Cap, Vent Assembly
29	142950	Washer 26 x 35 x 1	114	142918	Fitting, O-Ring Assembly
30	150787	Plate, Bypass	119	142980	Spacer
34	142951	Oil Filter Element	134	144607	Nut, Castle 5/16-24
35	142952	Arm, Bypass	135	144608	Pin, Cotter
36	142953	Ring, Retaining		150775	Spring, Compression
37	142954	Arm, Actuating	140	150776	Nut, Hex 5/16-24
38	142955	Pin, Actuating			
39	150777	Bolt 5/16-24 x 1-3/4	NOT	E: All compone	ent dimensions given in U.S. inches
40	150778	Locknut, Hex 5/16-24 UNJC		1 inch = 25.4	
41	142958	Brake Rotor/Stator Kit			

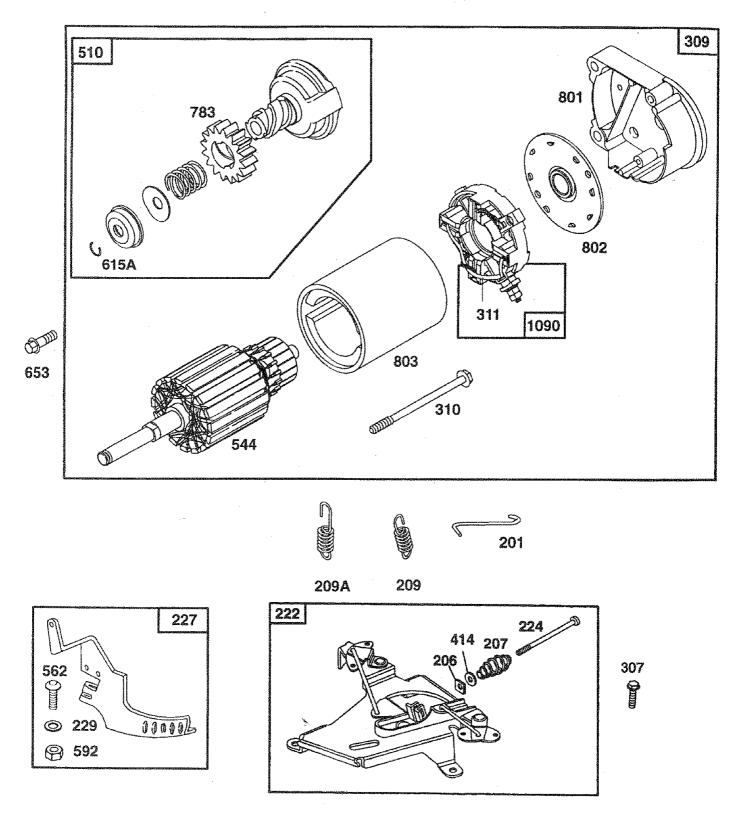
TRACTOR - - MODEL NUMBER 917.259573 BRIGGS & STRATTON ENGINE - MODEL NUMBER 42E707, TYPE NUMBER 2631-E1



TRACTOR - - MODEL NUMBER 917.259573 BRIGGS & STRATTON ENGINE - MODEL NUMBER 42E707, TYPE NUMBER 2631-E1

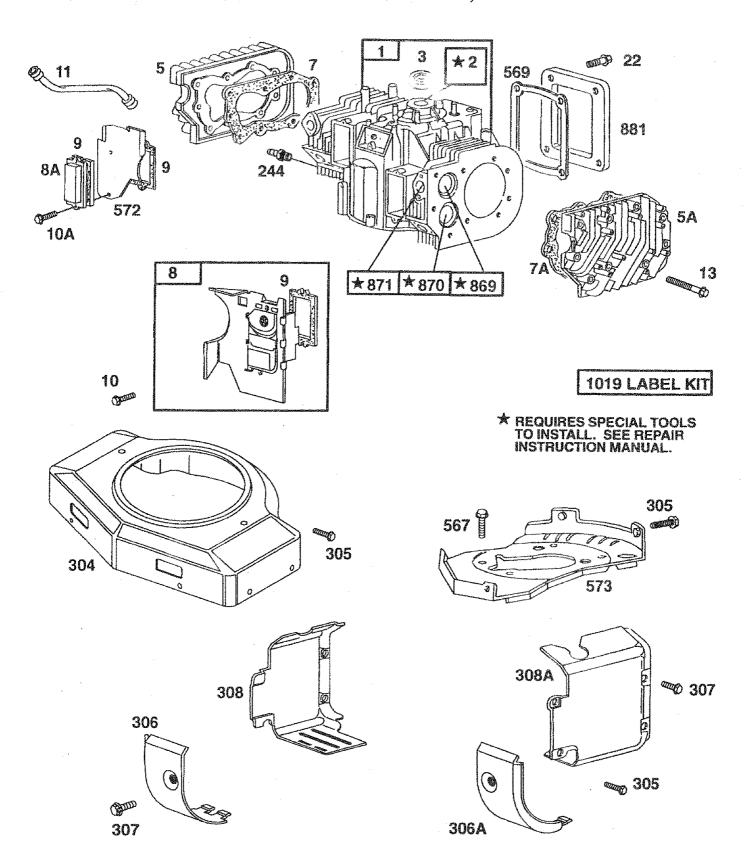


TRACTOR - - MODEL NUMBER 917.259573 BRIGGS & STRATTON ENGINE - MODEL NUMBER 42E707, TYPE NUMBER 2631-E1



TRACTOR - - MODEL NUMBER 917.259573

BRIGGS & STRATTON ENGINE - MODEL NUMBER 42E707, TYPE NUMBER 2631-E1



TRACTOR - - MODEL NUMBER 917.259573

BRIGGS & STRATTON ENGINE - MODEL NUMBER 42E707, TYPE NUMBER 2631-E1

1	KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
2 939265 Büshing 78 32291 Washer, Spring 3 331096 Seal, Oil 78 95039 Screw, Hex Head, Cylinder #1 95 33498 Screw, Hex Head Cylinder #2 95 271967 Gasket, Cylinder Head #1 97 499172 Strew, Lens Cover, Breather Assembly #1 99 172 Strew, Lens Cover, Breather Assembly #1 99 1815 Screw, Sems 102 2892 (Used Only on Key 1872, Air Baffle with Holes for Mounting) 43432 Screw, Sems 103 39438 Screw, Sems 103 39438 Screw, Sems 103 39438 Screw, Sems 103 392673 Tube, Breather Gasket, Crankcase, 0.05' Thick 271189 Gasket, Crankcase, 0.0	-1	407074	Cylindar Assambly	54	93208	Screw, Phillips
3 931096				75	222511	Washer, Spring
4 493304	2			78	95039	
54 493458					499281	Body Assembly, Upper
Ag				95	93499	Screw, Sems
7 2/1867				96	221939	Valve, Throttle
7. A 271868 4 945754 Breather Assembly #1 Cover, Broather Cylinder #2 (Used Only on Key #572, Air Baffle with Holes for Mounting) 9 27803 Gasket, Breather Screw, Sems 103 394861 Screw, Sems 103 225373 Valve, Choke Screw, Sems 104 231435 "Pin, Float Hinge Body Assembly, Lower Used Carburetor Kit Carburetor Walve, Exhaust Keeper, Valve, Intake May 19452 Screw, Leman May 19452 Piston Assembly, 303" Oversize 2394961 Signed Screw, Connecting Rod Valve, Exhaust Keeper, Valve Body 19452 Screw, Connecting Rod Valve, Exhaust Keeper, Valve Body 19452 Screw, Connecting Rod Valve, Exhaust Keeper, Valve Body 19452 Screw, Connecting Rod Valve, Exhaust Keeper, Valve Body 19452 Screw, Connecting Rod Valve, Exhaust Keeper, Valve Body 19452 Screw, Connecting Rod Valve, Exhaust Keeper, Valve Body 19452 Screw, Connecting Rod Valve, Exhaust Keeper, Valve Gasket, Carburetor Kit (191539) Screw, Thiske May 19452 Screw, Connecting Rod Valve, Exhaust Keeper, Valve Body 19452 Screw, Connecting Rod Valve, Exhaust Keeper, Valve Gasket, Carburetor Feath Spring, Valve, Intake Body 19452 Screw, Hax Head, Screw, Hax Hea				97	499172	
84 495754 Breather Assembly #1 99 20 197			* Casket Cylinder Head #2	98	91920	Screw, Fillister Head
10				99	26157	Spring, Throttle Adjust
10 22982 10 27803 10 27803 3 3 27803 3 3 27803 3 3 3 3 3 3 3 3 3					271607	
Air Baffle with Holes for Mounting)	OM	222092				Float, Carburetor
9 27803				104	231435	** Pin, Float Hinge
10 94830 Screw, Sems 107 499655 Body Assembly, Lower 1280225 Tube, Breather 108 225373 Valve, Choke 1280225 Tube, Breather 109 392673 Shaft, Choke 1271280 Casket, Crankcase, 005" Thick 271188 Casket, Crankcase, 005" Thick 271188 Casket, Crankcase, 005" Thick 271188 Casket, Crankcase, 005" Thick 271189 Caronkcase, 005" Thick 271189 Caronkcase, 005" Thick 271189 Caronkcase, 005" Thick 232022 Jet, Needle Valve, Fixed, High Altitude Size Size Milling Altitude Size	0	07000				
10A 94830 Screw, Seris 10B 225373 Valve, Choke 11D 94830 Screw, Seris 10B 292673 Shaft, Choke 109 392673 Shaft, Choke 109 392673 Shaft, Choke 11D 280225 Casket, Crankcase, .005" Thick 271189 Gasket, Crankcase, .005" Thick 232022 Jeft, Needle Valve, Fixed, High Altitude 117 232018 Jeft, Needle Valve, Fixed, High Altitude 119 94152 Screw, Hex Head Jeft, Needle Valve, Fixed, High Altitude 119 94152 Screw, Hex Head Jeft, Needle Valve, Fixed, High Altitude 119 94152 Screw, Hex Head Jeft, Needle Valve, Fixed, High Altitude J						
10 280225 Tube, Breather 109 392673 Shaft, Choke						Valve, Choke
273208				109	392673	Shaft, Choke
271188			* Casket Crankages O15" Think	116	280474	* O-Ring
271189	12		* Cacket Crankesea ODS" Thick			Jet, Needle Valve, Fixed
13 94565 Screw, Cylinder Head 19 94152 Screw, Hex Head 19 941539 Carburetor Kit 12 12 1491539 Carburetor Kit 12 12 12 12 12 12 12 1					232022	Jet, Needle Valve, Fixed,
15 94239 Plug, Oil Drain 119 94152 Screw, Field Garburetor Kit 125 19306 Carburetor Kit 125 12	40					High Altitude
16 394028				119	94152	Screw, Hex Head
94196 Timing Gear Key 19 399264 Bushing 20 291675 Seal, Oil 21 94724 Screw, Sems 23 491180 Flywheel 24 222698 Key, Flywheel 25 498584 Piston Assembly, Standard Size 498586 Piston Assembly, .010" Oversize 498586 Piston Assembly, .020" Oversize 394999 Ring Set, Standard Size 394990 Ring Set, .010" Oversize 394960 Ring Set, .020" Oversize 27 263129 Lock, Piston Pin 28 498319 Pin, Piston, .005" Oversize 29 394306 Rod, Connecting, Standard Size 3931286 Pin, Piston, .005" Oversize 29 394308 Rod, Connecting, .020" Undersize 394961 Ring Set, .030" Oversize 29 394308 Rod, Connecting, Rod 394960 Pin, Piston, .005" Oversize 29 394306 Rod, Connecting, .020" Undersize 3931286 Pin, Piston, .005" Oversize 29 394306 Rod, Connecting, Rod 394960 Spring, Valve, Exhaust 40 221596 Retainer, Valve, Intake 56 56906 Spring, Valve, Exhaust 40 221596 Retainer, Valve, Intake 56 26328 Tappet, Valve 56 261368 Tappet, Valve 57 27 27 28 29 20 222773 Washer, Thrust 58 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28				121	491539	Carburetor Kit
19 399264 Bushing 12/ 223472 20 291675 * Seal, Oil 161 496599 Base, Air Cleaner 20 291675 * Seal, Oil 161 496599 Base, Air Cleaner 21 294724 Screw, Serns 165 94289 Nut, Wing 22 94724 Screw, Serns 165 94289 Nut, Wing 23 491180 Flywheel 188 94627 Screw 24 98584 Piston Assembly, Standard Size 498586 Piston Assembly, 2010 'Oversize 202 262684 Link 25 394959 Ring Set, Standard Size 206 94298 Nut 26 394960 Ring Set, 1010 'Oversize 206 94298 Nut 27 263129 Lock, Piston Pin 291486 Pin, Piston, Standard Size 203 262352 Spring, Governor 28 498319 Pin, Piston, Standard Size 203 262352 Spring, Governor 29 394306 Rod, Connecting, Standard Size 203 294267 Screw, Forx® 29 394306 Rod, Connecting, Standard Size 202 222773 Washer, Thrust 202 222 491282 Bracket, Control 202 222773 Washer, Thrust 202 222 222773 Washer, Thrust 2	10			125	19306	Carburetor
20	ŧΩ			127	223472	** Plug, Welch
22 94724 Screw, Sems 165 94229 Yuly, Willy 187 299146 Line, Fuel, 28" Long (Cut to Suit) 23 491180 Flywheel 188 94627 Screw 24 222698 Key, Flywheel 188 94627 Screw 25 498584 Piston Assembly, .010" Oversize 202 262683 Link 498587 Piston Assembly, .030" Oversize 202 262684 Link 498587 Piston Assembly, .030" Oversize 203 280997 Crank, Bell 394960 Ring Set, .010" Oversize 206 94298 Nut 394961 Ring Set, .020" Oversize 209 262352 Spring, Control, Rod 27 263129 Lock, Piston Pin 219 394348 Gear, Governor 28 498319 Pin, Piston, .005" Oversize 209 261563 Spring, Governor Idle 29 394506 Rod, Connecting, .020" Undersize 220 222773 Washer, Thrust 39 394671 Screw, Connecting, .020				161	496599	Base, Air Cleaner
23 491180 Flywheel 188 94627 Screw 24 222698 Key, Flywheel 188 94627 Screw 25 498584 Piston Assembly, Standard Size 202 262683 Link 498586 Piston Assembly, .030" Oversize 203 280997 Crank, Bell 26 394959 Ring Set, Standard Size 206 94298 Nut 394960 Ring Set, .010" Oversize 207 262337 Spring, Control, Rod 394961 Ring Set, .020" Oversize 209 262352 Spring, Governor 394962 Ring Set, .030" Oversize 209 262352 Spring, Governor 28 498319 Pin, Piston, Standard Size 2194 394348 Gear, Governor 29 394306 Rod, Connecting, Standard Size 220 222773 Washer, Thrust 29 394571 Rod, Connecting, O20" Undersize 222 491282 Bracket, Control 33 390420 Valve, Exhaust * Included in Gasket Set (495868)				165	94289	Nut, Wing
24 222698 Kéy, Flywheel 168 9402/ Sciew 25 498584 Piston Assembly, Standard Size 201 262683 Link 498585 Piston Assembly, .020" Oversize 202 262684 Link 498587 Piston Assembly, .030" Oversize 203 280997 Crank, Bell 26 394959 Ring Set, .5tandard Size 205 93971 Screw, Hex Head 394960 Ring Set, .020" Oversize 207 262337 Spring, Control, Rod 27 263129 Lock, Piston Pin 219 394348 Gear, Governor 28 498319 Pin, Piston, Standard Size 219A 393415 Oil Slinger 29 394306 Rod, Connecting, Standard Size 220 222773 Washer, Thrust 391286 Pin, Piston, .005" Oversize 220 222773 Washer, Thrust 39 397158 Rod, Connecting, .020" Undersize 222 491282 Bracket, Control 39 4261 Spring, Valve, Exhaust * Included in Gasket Set (495868) 40 221596 Spring, Valve, Exhaust * Included in Carburetor Kit (491539) 40 221596 Retainer, Valve, Intake * Included in Gasket Set (495868), a	22			187	299146	Line, Fuel, 28" Long (Cut to Suit)
25				188	94627	
498585 Piston Assembly, .010" Oversize 498586 202 280594 LITK LITK LITK LITK LITK LITK LITK LITK				201	262683	
498586 Piston Assembly, .020" Oversize 498587 Piston Assembly, .030" Oversize 498587 Piston Assembly, .030" Oversize 394959 Ring Set, .5tandard Size 206 94298 Nut 207 262337 Spring, Control, Rod 394961 Ring Set, .020" Oversize 209 262352 Spring, Governor 394962 Ring Set, .020" Oversize 209 262352 Spring, Governor 394962 Ring Set, .030" Oversize 209 262352 Spring, Governor 394962 Ring Set, .030" Oversize 209 262352 Spring, Governor 394962 Ring Set, .030" Oversize 209 262352 Spring, Governor 394962 Ring Set, .030" Oversize 209 262352 Spring, Governor 394962 Ring Set, .030" Oversize 209 262352 Spring, Governor 394962 Ring Set, .030" Oversize 209 262352 Spring, Governor 394962 Ring Set, .030" Oversize 209 262352 Spring, Governor 394962 Ring Set, .030" Oversize 209 262352 Spring, Governor 394962 Ring Set, .030" Oversize 209 262352 Spring, Governor 394962 Ring Set, .030" Oversize 209 262352 Spring, Governor 394962 Ring Set, .030" Oversize 209 262352 Spring, Governor 394962 Ring Set, .030" Oversize 209 262352 Spring, Governor 394962 Ring Set, .030" Oversize 209 262352 Spring, Governor 394962 Ring Set, .030" Oversize 209 262352 Spring, Governor 394062 Ring Set, .030" Oversize 209 262352 Spring, Governor 394962 Ring Set, .030" Oversize 209 262352 Spring, Governor 394962 Ring Set, .030" Oversize 209 262352 Spring, Governor 394062 Ring Set, .030" Oversize 209 262352 Spring, Governor 394062 Ring Set, .030" Oversize 209 262352 Spring, Governor 394062 Ring Set, .030" Oversize 209 262352 Spring, Governor 394062 Ring Set, .030" Oversize 209 262352 Spring, Governor 394062 Ring Set, .030" Oversize 209 262352 Spring, Governor 394062 Ring Set, .030" Oversize 209 262352 Spring, Governor 394048 Rear, Governor 2194 Agata Set, .030" Oversize 220 222773 Washer, Thrust 222 491282 Bracket, Control 2224 94297 Screw, Tork® 100 Rear 2224 94297 Sc	23		Piston Assembly 010" Oversize		262684	
498587			Pieton Assembly 020" Oversize	203		
26			Picton Accombly 1930" Oversize	205		Screw, Hex Head
394960 Ring Set, .010" Oversize 394961 Ring Set, .020" Oversize 394962 Ring Set, .030" Oversize 27 263129 Lock, Piston Pin 28 498319 Pin, Piston, Standard Size 391286 Pin, Piston, .005" Oversize 29 394306 Rod, Connecting, Standard Size 397158 Rod, Connecting, Standard Size 397158 Rod, Connecting, .020" Undersize 32 94671 Screw, Connecting Rod 33 390420 Valve, Exhaust 42 61528 Valve, Intake 35 65906 Spring, Valve, Intake 40 221596 Retainer, Valve, Intake 41 292260 Retainer, Valve, Intake 42 494553 Keeper, Valve 42 494553 Keeper, Valve 45 261368 Tappet, Valve 50 213290 51 271412 Spacer, Carburetor Mounting 51 281412 Spacer, Carburetor 52 270884 * Gasket, Intake Manifold Mounting 53 93970 Screw, Hex Head, 209 262352 Spring, Governor 209A 261563 Spring, Governor 219A 393415 Oil Slinger 220 2227773 Washer, Thrust 222 491282 Bracket, Control 224 94297 Screw, Torx® ** Included in Gasket Set (495868) *** Included in Carburetor Kit (491539) **** Included in Carburetor Kit (491539) **** Included in Gasket Set (495868), and Pump Repair Kit (393397) ***** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539)	26		Ring Set Standard Size			
394961 Ring Set, .020" Oversize 394962 Ring Set, .030" Oversize 27 263129 Lock, Piston Pin 28 498319 Pin, Piston, Standard Size 391286 Pin, Piston, .005" Oversize 29 394306 Rod, Connecting, Standard Size 397158 Rod, Connecting, .020" Undersize 397158 Rod, Connecting Rod 33 390420 Valve, Exhaust 34 261528 Valve, Intake 35 65906 Spring, Valve, Intake 36 26828 Spring, Valve, Intake 37 292260 Retainer, Valve, Intake 38 29457 Retainer, Valve, Intake 39 29260 Retainer, Valve, Intake 39 29260 Retainer, Valve, Exhaust 40 221596 Retainer, Valve, Intake 41 292260 Retainer, Valve, Exhaust 45 261368 Tappet, Valve 46 214484 Gear, Carm 50 213290 Manifold, Intake 51 271412 Spacer, Carburetor Mounting 51 271412 Spacer, Carburetor Mounting 51 271412 Spacer, Carburetor Mounting 53 93970 Screw, Hex Head, 53 93970 Screw, Hex Head,						
394962 Ring Set, .030" Oversize 27 263129 Lock, Piston Pin 28 498319 Pin, Piston, Standard Size 391286 Pin, Piston, .005" Oversize 29 394306 Rod, Connecting, Standard Size 397158 Rod, Connecting, .020" Undersize 32 94671 Screw, Connecting Rod 34 261528 Valve, Exhaust 35 65906 Spring, Valve, Intake 36 26828 Spring, Valve, Intake 37 292260 Retainer, Valve, Intake 38 261368 Retainer, Valve, Intake 39 221596 Retainer, Valve, Exhaust 40 221596 Retainer, Valve, Intake 41 292260 Retainer, Valve, Exhaust 42 494553 Keeper, Valve 43 494553 Keeper, Valve 44 49453 Gear, Cam 45 261368 Gear, Cam 46 214484 Gear, Carburetor Mounting 51 A 281412 Spacer, Carburetor Mounting 51 A 281412 Spacer, Carburetor 52 270884 Gasket, Intake Manifold Mounting 53 93970 Screw, Hex Head, 53 93970 Screw, Hex Head,						
27			Ring Set 030" Oversize			
28	27					
391286						
29	<u></u>					
397158 Rod, Connecting, .020" Undersize 32 94671 Screw, Connecting Rod 33 390420 Valve, Exhaust 34 261528 Valve, Intake 35 65906 Spring, Valve, Intake 36 26828 Spring, Valve, Exhaust 40 221596 Retainer, Valve, Intake 41 292260 Retainer, Valve, Exhaust 42 494553 Keeper, Valve 43 261368 Tappet, Valve 46 214484 Gear, Cam 47 Manifold, Intake 48 213290 Manifold, Intake 51 271412 Screw, Tolke ** Included in Gasket Set (495868) *** Included in Carburetor Kit (491539) *** Included in Carburetor Kit (491539) **** Included in Gasket Set (495868), and Pump Repair Kit (393397) **** Included in Gasket Set (495868) **** Included in Gasket Set (495868), and Pump Repair Kit (491539) **** Included in Gasket Set (495868), and Pump Repair Kit (491539) **** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Pump Repair Kit (393397) ***** Included in Gasket Set (495868), and Pump Repair Kit (393397) ***** Included in Gasket Set (495868) **** Included in Carburetor Kit (491539), and Pump Repair Kit (393397) ***** Included in Carburetor Kit (491539), and Pump Repair Kit (393397) ***** Included in Gasket Set (495868), and Pump Repair Kit (393397) ***** Included in Gasket Set (495868), and Pump Repair Kit (393397) ****** Included in Gasket Set (495868), and Pump Repair Kit (393397) ****** Included in Gasket Set (495868) ****** Included in Gasket Set (495868) ****** Included in Gasket Set (495868), and Pump Repair Kit (393397) ******* Included in Gasket Set (495868), and Pump Repair Kit (393397)	29					
32 94671 Screw, Connecting Rod * Included in Gasket Set (495868) 33 390420 Valve, Exhaust * Included in Gasket Set (495868) 34 261528 Valve, Intake ** Included in Carburetor Kit (491539) 35 65906 Spring, Valve, Intake ** Included in Carburetor Kit (491539) 36 26828 Spring, Valve, Exhaust *** Included in Carburetor Kit (491539), and Pump Repair Kit (393397) 40 221596 Retainer, Valve, Exhaust *** Included in Carburetor Kit (491539), and Pump Repair Kit (393397) 42 494553 Keeper, Valve *** Included in Carburetor Kit (491539), and Pump Repair Kit (393397) 45 261368 Tappet, Valve **** Included in Gasket Set (495868), and Pump Repair Kit (491539) 45 261368 Tappet, Valve **** Included in Gasket Set (495868), and Pump Repair Kit (491539) 45 261368 Tappet, Valve **** Included in Gasket Set (495868), and Pump Repair Kit (491539) 47 213290 Manifold, Intake 51 271412 **** Gasket, Carburetor Mounting 51 281412 Spacer, Carburetor 52 270884 Gasket, Intake Manifold Mounting				224	94297	Screw, Torx®
33 390420	32		Screw, Connecting Rod			
34 261528 Valve, Intake *** Included in Carburetor Kit (491539) 35 65906 Spring, Valve, Intake *** Included in Carburetor Kit (491539) 36 26828 Spring, Valve, Exhaust *** Included in Carburetor Kit (491539) 40 221596 Retainer, Valve, Intake *** Included in Carburetor Kit (491539) 41 292260 Retainer, Valve, Exhaust *** Included in Carburetor Kit (393397) 42 494553 Keeper, Valve **** Included in Gasket Set (495868), and Carburetor Kit (491539) 45 261368 Tappet, Valve **** Included in Gasket Set (495868), and Carburetor Kit (491539) 50 213290 Manifold, Intake **** Gasket, Carburetor Mounting 51 271412 Spacer, Carburetor Mounting 51 270884 Gasket, Intake Manifold Mounting 52 270884 Gasket, Intake Manifold Mounting 53 93970 Screw, Hex Head,	33		Valve, Exhaust	*	Included in	Gasket Set (495868)
35 65906 Spring, Valve, Intake 36 26828 Spring, Valve, Exhaust 40 221596 Retainer, Valve, Intake 41 292260 Retainer, Valve, Exhaust 42 494553 Keeper, Valve 45 261368 Tappet, Valve 46 214484 Gear, Cam 50 213290 Manifold, Intake 51 271412 **** Gasket, Carburetor Mounting 51A 281412 Spacer, Carburetor 52 270884 *** Gasket, Intake Manifold Mounting 53 93970 Screw, Hex Head, **** Included in Carburetor Kit (491539), and Pump Repair Kit (393397) **** Included in Carburetor Kit (491539), and Pump Repair Kit (491539) **** Included in Carburetor Kit (491539), and Pump Repair Kit (491539) **** Included in Carburetor Kit (491539) **** Included in Carburetor Kit (491539), and Pump Repair Kit (393397) **** Included in Carburetor Kit (491539), and Pump Repair Kit (393397) **** Included in Carburetor Kit (491539), and Pump Repair Kit (393397) **** Included in Carburetor Kit (491539), and Pump Repair Kit (393397) **** Included in Carburetor Kit (491539), and Pump Repair Kit (393397) **** Included in Carburetor Kit (491539), and Pump Repair Kit (393397) **** Included in Carburetor Kit (491539), and Pump Repair Kit (393397) **** Included in Carburetor Kit (491539), and Pump Repair Kit (393397) **** Included in Carburetor Kit (491539), and Pump Repair Kit (393397) **** Included in Carburetor Kit (491539)						
36 26828 Spring, Valve, Exhaust 40 221596 Retainer, Valve, Intake 41 292260 Retainer, Valve, Exhaust 42 494553 Keeper, Valve 45 261368 Tappet, Valve 46 214484 Gear, Cam 50 213290 Manifold, Intake 51 271412 **** Gasket, Carburetor Mounting 51A 281412 Spacer, Carburetor 52 270884 **** Gasket, Intake Manifold Mounting 53 93970 Screw, Hex Head, **** Included in Carburetor Kit (491539), and Pump Repair Kit (393397) **** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539) **** Included in Gasket Set (495868), and Carburetor Kit (491539) **** Included in Gasket Set (495868), and Carburetor Kit (491539) **** Included in Gasket Set (495868), and Carburetor Kit (491539)				**	Included in	Carburetor Kit (491539)
40 221596 Hetainer, Valve, Intake 41 292260 Retainer, Valve, Exhaust 42 494553 Keeper, Valve 45 261368 Tappet, Valve 46 214484 Gear, Cam 50 213290 Manifold, Intake 51 271412 **** Gasket, Carburetor Mounting 51A 281412 Spacer, Carburetor 52 270884 Gasket, Intake Manifold Mounting 53 93970 Screw, Hex Head, **** Included in Carburetor Rit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539)				-4-4-4-	4 4 4 4 4	O = 4 1/11 (404 E00)
41 292260 Retainer, Valve, Exhaust 42 494553 Keeper, Valve 45 261368 Tappet, Valve 46 214484 Gear, Cam 50 213290 Manifold, Intake 51 271412 **** Gasket, Carburetor Mounting 51A 281412 Spacer, Carburetor 52 270884 Gasket, Intake Manifold Mounting 53 93970 Screw, Hex Head, **** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** Included in Gasket Set (495868), and Carburetor Kit (491539) ***** All component dimensions given in U.S. inches 1 inch = 25.4 mm				***		
42 494553 Keeper, Valve 45 261368 Tappet, Valve 46 214484 Gear, Cam 50 213290 Manifold, Intake 51 271412 **** Gasket, Carburetor Mounting 51A 281412 Spacer, Carburetor 52 270884 Gasket, Intake Manifold Mounting 53 93970 Screw, Hex Head, **** Included in Gasket Set (495868), and Carburetor Kit (491539) **** Included in Gasket Set (495868), and Carburetor Kit (491539) **** Included in Gasket Set (495868), and Carburetor Kit (491539) **** Included in Gasket Set (495868), and Carburetor Kit (491539) **** Included in Gasket Set (495868), and Carburetor Kit (491539) **** Included in Gasket Set (495868), and Carburetor Kit (491539) **** All component dimensions given in U.S. inches 1 inch = 25.4 mm			Retainer, Valve, Exhaust		and Pump	Repair Kit (393397)
45 261368 Tappet, Valve 46 214484 Gear, Cam 50 213290 Manifold, Intake 51 271412 **** Gasket, Carburetor Mounting 51A 281412 Spacer, Carburetor 52 270884 * Gasket, Intake Manifold Mounting 53 93970 Screw, Hex Head,			Keeper, Valve	nia also also also	a state at the	0 = -() 0 (405000)
46 214484 Gear, Cam 50 213290 Manifold, Intake 51 271412 **** Gasket, Carburetor Mounting 51A 281412 Spacer, Carburetor 52 270884 * Gasket, Intake Manifold Mounting 53 93970 Screw, Hex Head, All component dimensions given in U.S. inches 1 inch = 25.4 mm			Tappet, Valve	мяня	included in	Udskel Del (49000),
50 213290 Manifold, Intake 51 271412 **** Gasket, Carburetor Mounting 51A 281412 Spacer, Carburetor 52 270884 *Gasket, Intake Manifold Mounting 53 93970 Screw, Hex Head, NOTE: All component dimensions given in U.S. inches 1 inch = 25.4 mm					and Carbur	etor Nit (491539)
51 271412 **** Gasket, Carburetor Mounting 51A 281412 Spacer, Carburetor 52 270884 * Gasket, Intake Manifold Mounting 53 93970 Screw, Hex Head,			Manifold, Intake	* * ~~ ~~	*8*** A #1	annus dimensione sistem in 110 inch-a
51A 281412 Spacer, Carburetor Finch = 25.4 mm 52 270884 * Gasket, Intake Manifold Mounting 53 93970 Screw, Hex Head,	51	271412	**** Gasket, Carburetor Mounting	NOT		
52 270884 * Gasket, Intake Manifold Mounting 53 93970 Screw, Hex Head,			Spacer, Carburetor		i inch =	20.4 HIIII
53 93970 Screw, Hex Head,	52		* Gasket, Intake Manifold Mounting			
			Screw, Hex Head,			
			Carburetor to Manifold			

TRACTOR - - MODEL NUMBER 917.259573

BRIGGS & STRATTON ENGINE - MODEL NUMBER 42E707, TYPE NUMBER 2631-E1

KEY PART NO. NO.	DESCRIPTION	KEY PART NO. NO.	DESCRIPTION
	Lever Assembly, Governor Washer Washer, Governor Crank, Inside Shield, Fuel Spray Filter, Fuel Connector, Fuel Line Screw, Sems Screw, Hex Head Screw, Hex Head Housing, Blower, Red Screw, Sems Shield, Cylinder Shield, Cylinder Shield, Cylinder Sorew, Self-Tapping Cover, Air Guide Cover, Air Guide Motor, Starter Bolt, Thru Brush Set Nut, Hex Armature, Magneto Screw, Sems Plug, Spark Wire, Stop Gasket Set Flywheel Puller Wrench, Spark Plug Body, Pump *** Spring, Diaphragm *** Spring, Diaphragm *** Diaphragm, Carburetor Washer Bracket, Oil Fill *** Cap, Spring Cover, Diaphragm Cover Filter, Air Screen, Rotating Alternator Screw, Drive, Starter Cap, Oil Fill * Seal, Fill Tube Tube, Oil Fill (Includes Seals Hose, Vacuum Screw, Air Cleaner Filter, Air **** Gasket, Air Cleaner Armature, Starter Lower Bushing, Governor Upper Bushing, Governor	NO. NO. 556 93585 562 93853 567 94811 569 272645 572 224816 573 491304 592 92278 601 93053 615 94296 615A 263080 616 491530 634 271013 634A 491287 635 66538 642 225008 643 496700 653 93585 726 391362 741 262989 783 280104 801 394860 802 497607 803 497607 803 497604 819 94675 842 270920 847 495715 851 493880 858 270989 859 271025 860 261358 861 393397 868 497212 869 261463 870 213316 871 261961 231218 877 393456 881 495901 955 397882 1005 281053 1006 224901 1019 496726 1090 497605 * Included in *** Included in	Screw, Hex Head Bolt, Governor Lever Screw, Hex Head, Back Plate to Cylinder * Gasket, Base Baffle, Air, Cylinder #2 Plate, Back Nut, Hex. Clamp, Hose Retainer, E-Ring Retainer Crank, Governor ** Washer, Throttle Shaft * Seal, Governor Shaft Boot, Spark Plug Cover, Air Cleaner Plate, Air Cleaner Screw, Hex Head Gear, Ring (Includes Mounting Parts) Gear, Timing Gear, Starter Cap, Drive Cap, End Housing, Starter Screw, Hex Head * Seal, Cap Tube Assembly, Oil Terminal, Cable *** Diaphragm, Carburetor *** Gasket, Pump *** Spring, Diaphragm Repair Kit, Pump Seal, Valve Seat, Valve, Intake Seat, Valve, Exhaust Bushing, Guide (Exhaust Only) Bushing, Guide (Intake, Brass) Wire, Alternator Plate, Cover Plug and Seal, Solenoid Fan, Flywheel Retainer, Fan Label Kit Retainer, Brush Gasket Set (495868) Carburetor Kit (491539),
		and rump	Repair Kit (393397)

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

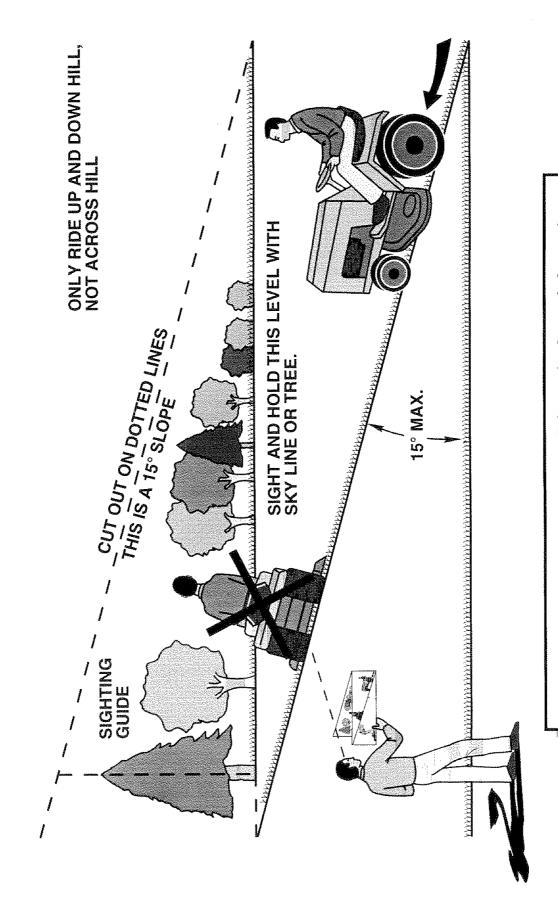
Included in Gasket Set (495868), and Carburetor Kit (491539)

SERVICE NOTES

SERVICE NOTES

SERVICE NOTES

SUGGESTED GUDE FOR SIGHTING SLOPES FOR SAFE OPERATION



Operate your Tractor up and down the face of slopes (not greater than 15°), never across the face. Make turns gradually to prevent tipping or loss of control. Exercise extreme caution when changing direction on slopes.

SEARS

OWNER'S MANUAL

MODEL NO. 917.259573

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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 917.259573
- ENGINE MODEL NO. 42E707-2631-E1
- PART NUMBER
- PART DESCRIPTION

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