SEARS

MODEL NUMBER 917.270610 OWNER'S MANUAL

- 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:

1-800-659-5917 Sears 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
- 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 slidina.
- Do not try to stabilize the machine by putting your foot on the ground.
- Do not use grass catcher on steep slopes.

III. CHILDREN

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

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

IV. SERVICE

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



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



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



A WARNING A



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

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

Should you experience any problem you cannot easily remedy, please contact your nearest Sears Authorized Service Center/Department. We have competent, 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 unit properly. Always observe the "SAFETY RULES".

MODEL NUMBER	917.270610
SERIAL NUMBER	
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DATE OF PL	D RECORD BOTH SERIAL NUMBER AND JRCHASE AND KEEP IN A SAFE PLACE IE REFERENCE.

MAINTENANCE AGREEMENT

A Sears Maintenance Agreement is available on this product. Contact your nearest Sears store for details.

CUSTOMER RESPONSIBILITIES

- · Read and observe the safety rules.
- Follow a regular schedule in maintaining, caring for and using your tractor.
- Follow the instructions under "Customer Responsibilities" and "Storage" sections of this owner's manual.

WARNING: This tractor is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered or grass-covered land unless the engine's exhaust system is equipped

PRODUCT SPECIFICATIONS

HORSEPOWER:	15.5
GASOLINE CAPACITY AND TYPE:	1 25 Gallons UNLEADED REGULAR
OIL TYPE (API-SF/SG/SH):	SAE 30 (above 32°F) SAE 5W-30 (below 32°F)
OIL CAPACITY:	3 PINTS
SPARK PLUG: (GAP: .030")	CHAMPION RJ19LM
VALVE CLEARANCE:	INTAKE: 005"007" EXHAUST: 009"011"
GROUND SPEED (MPH):	FORWARD: 1st 1.0 2nd 1.3 3rd 2.1 4th 3.1 5th 4.0 6th 5.1 REVERSE: 1.6
TIRE PRESSURE:	FRONT: 14 PSI REAR: 12 PSI
CHARGING SYSTEM:	3 AMPS BATTERY 5 AMPS HEADLIGHTS
BATTERY:	AMP/HR: 25 MIN CCA: 190 CASE SIZE: U1R
BLADE BOLT TORQUE:	27-35 FT. LBS.

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

TABLE OF CONTENTS

SAFETY RULES		MAINTENANCE	SCHEDULE	***************************************
PRODUCT SPECIFICATIONS	3	SERVICE AND A	DJUSTMENTS	21-26
CUSTOMER RESPONSIBILITIES	3, 17-20	STORAGE	医传染物体水水解及水水体体质化山上自用水料水水布面外水水面层	
WARRANTY		TROUBLESHOO	TING	28-29
TRACTOR ACCESSORIES	5	REPAIR PARTS	- TRACTOR	32-47
ASSEMBLY		REPAIR PARTS	- ENGINE	48-55
OPERATION	11-14	PARTS ORDERI	NG/SERVICE	BACK COVER
INDEX				
A	E			0
Accessories 5	Electrical:		Oil:	
Adjustments:	Interlocks and Rela		Cold Weather (Conditions 15,19
Brake 23	Schematic			
Carburetor 26	Wiring Diagram			
Mower	Engine:	40.00		
Front-To-Back	Air Filter		Operating Mower	
Side-To-Side	Cooling Fins		Options:	
	Oil Change			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Air Filter, Engine	Oil Level		Spark Arrester	
Air Screen, Engine	Oil Type			D
Assembly 7-10	Preparation		D. 11 D. 1	r
•	Repair Parts Starting			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
В	Storage			ELN
Battery:	_			/Repair32-49
Charging 8 Cleaning 18	F′		Product Specification	ns, 3
Installation	Filter:			PAGE.
Levels 9,18	Air Filter			R
Preparation 8	Fuel		Repair Parts	
Starting with Weak Battery 24	Fuel:			_
Storage	<u>Type</u>			S
Belt:	Storage		-	2 77388838888888888888888888888888888888
Motion Drive	Fuse,	,		B+328#8#8################################
Removal/Replacement 23	н		Service and Adjustr	nents21-26
Mower Belt(s)			Carburetor	,
Removal/Replacement 23	Hood Removal/Installati			
Blade:			Motion Drive B	
Sharpening	<u>.</u>			placement 23
Replacement 18	Leveling Mower Deck		Mower Belt(s)	
Brake Adjustment 23	Lubrication:	ومدانى	Removal/Re	placement 23
C	Chart		Mower Adjustn	ient ck 22
On the contrast Addition to the Contrast of th	Engine		riuni-iu-bai Side-to-Side	ik,
Carburetor Adjustment	М		Mower Remov	al/Installation21
Controls, Tractor 12	Maintenance Schedule	22		10,18,24
Customer Responsibilities 17-20	Mower:	(to day to be to be to be a copy of the form	Slope Guide Sheet	
Engine: Air Filter19	Adjustment, Front-t	to-Back 22	Spark Plug(s)	.,
Air Screen 20	Adjustment, Side-to	o-Side 22		3
Cooling Fins 20	Blade Replacemen	t 18		
Engine Oil 14,19	Blade Sharpening			
Fuel Filter	Cutting Height Installation			r 13
Spark Plug(s) 20 Tractor:	Operation			
Battery 18	Removal			
Blade 18	Mowing Tips			T .
Lubrication Chart	Muffler		Throttle Control Ca	ble Adjustment 26
Maintenance Schedule	Spark Arrester			10, 18, 24
Tire Care	•	•		hart 28-29
Cutting Height, Mower				11011 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Saming Horging MONOF BESSELENGERS PROPERTY IS			FICH TOURIST PROSECULARIO	veroupromisonavatevatenana 10
				W
			Warranty	egaansuvense, avagaanensussitus, isiooja, ja
	А		Wiring Schematic	

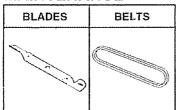
ACCESSORIES AND ATTACHMENTS

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

					_
SPARK PLUG	GAS CAN	ENGINE OIL	FUEL STABILIZER	AIR FILTER	
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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 law 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.

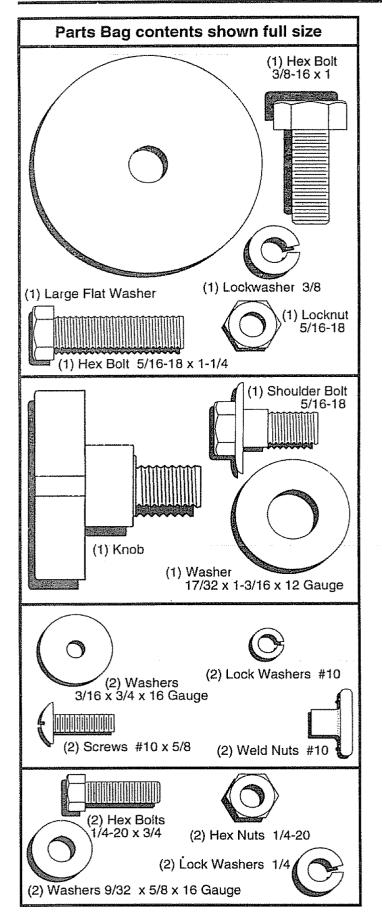
TRACTOR CAB has heavy duty vinyl fabric over tubular steel frame, ABS plastic top; clear plastic windshield offers 360 degree visibility. Hinged metal doors with catch. Keeps operator warm and dry. Remove vinyl sides and windshields for use as sun protector in summer. Optional accessories include: linted/tempered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

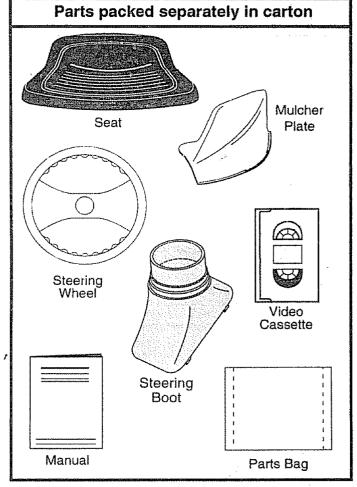
VACS for powerful collection of heavy grass clippings and leaves. Optional wand attachment to pick up debris in hard-to-reach places. VAC/CHIPPER includes a chipper-shredder

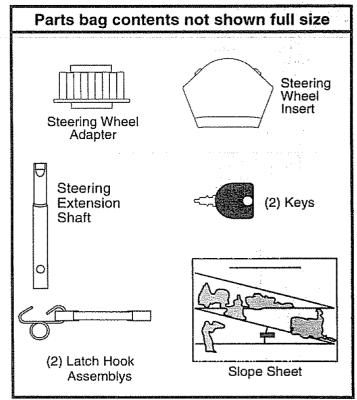
WEIGHT BRACKET for drawbar for snow removal applications. Uses (1) 55 lb. weight.

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.

(2) 7/16" wrenches Tire pressure gauge

(2) 1/2" wrench Utility knife

(1) 9/16" wrench (1) phillips screwdriver

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 boit 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.

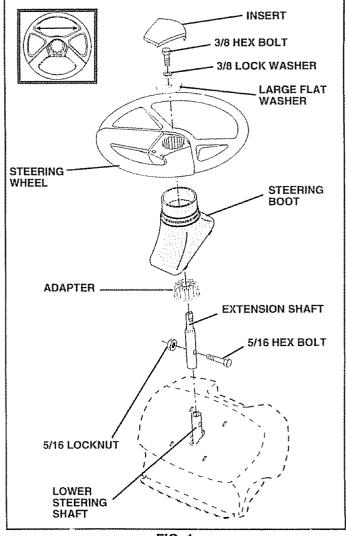


FIG. 1

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 gearshift lever in neutral (N) position.
- · Roll tractor backwards off skid.
- Remove banding holding discharge guard up against tractor.

HOW TO SET UP YOUR TRACTOR

CONNECT BATTERY (See Figs. 2 and 3)



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.

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

Open battery box door for:

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

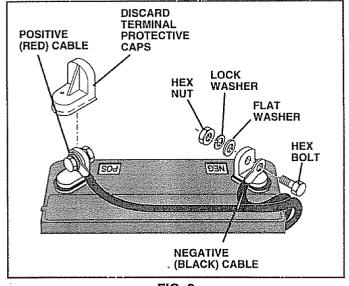


FIG. 2

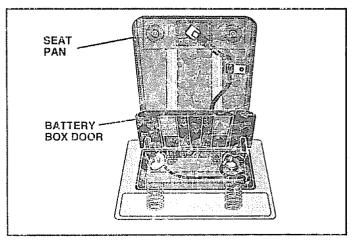


FIG. 3

INSTALL SEAT (See Fig. 4)

Adjust seat before tightening adjustment knob.

- Remove cardboard packing on seat pan.
- Place seat on seal pan and assemble shoulder bolt. Tighten shoulder bolt securely.
- Assemble adjustment knob 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 knob securely.

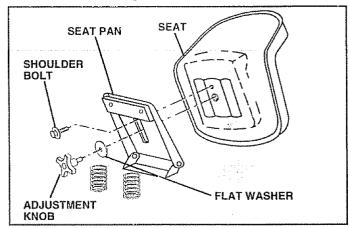


FIG. 4

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.

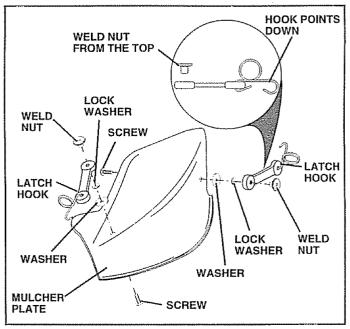


FIG. 5

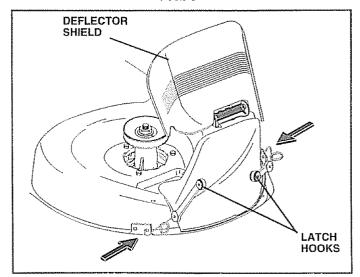


FIG. 6

CHECK TIRE PRESSURE

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

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

CHECK DECK LEVELNESS

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

CHECK FOR PROPER POSITION OF ALL BELTS

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

CHECK BRAKE SYSTEM

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

✓ CHECKLIST

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

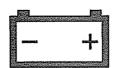
PLEASE REVIEW THE FOLLOWING CHECKLIST:

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

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.

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



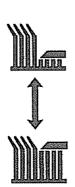
DIFFERENTIAL LOCK



PARKING BRAKE LOCKED



UNLOCKED



MOWER LIFT



REVERSE



NEUTRAL



HIGH



LOW



PARKING BRAKE



ATTACHMENT CLUTCH ENGAGED



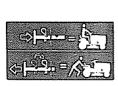
ATTACHMENT CLUTCH DISENGAGED



IGNITION



DANGER, KEEP HANDS AND FEET AWAY



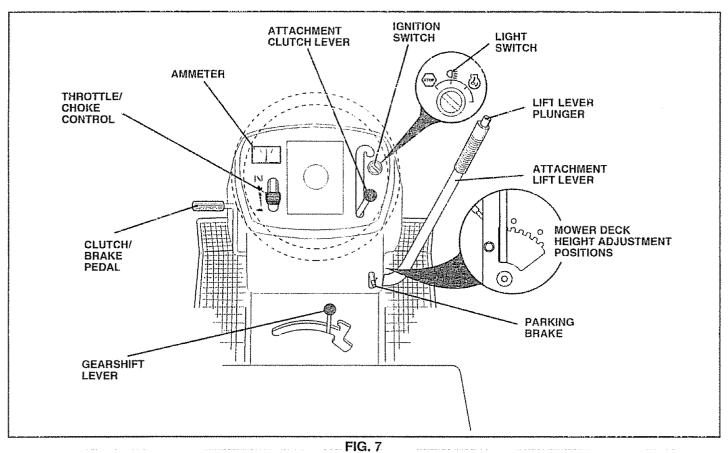


HYDROSTATIC FREE WHEEL (Hydro Models only)

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

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

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

GEARSHIFT LEVER: Selects the speed and direction of tractor.

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

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

IGNITION SWITCH: Used for starting and stopping the engine.

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.

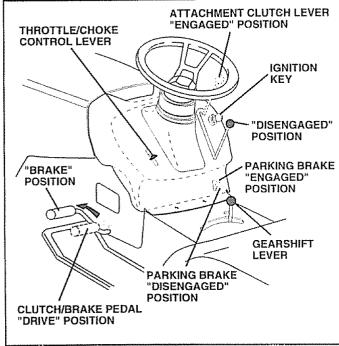


FIG. 8

STOPPING (See Fig. 8)

MOWER BLADES -

Move attachment clutch lever to "DISENGAGED" position.

GROUND DRIVE -

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

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

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

NOTE: Under certain conditions when tractor is standing idle with the engine running, hot engine exhaust 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 MOVE FORWARD AND BACKWARD (See Fig. 8)

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

- Start tractor with clutch/brake pedal depressed and gearshift lever in neutral (N) position.
- Move gearshift lever to desired position.
- Slowly release clutch/brake pedal to start movement.

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

TO ADJUST MOWER CUTTING HEIGHT (See Fig. 8)

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

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

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

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

TO OPERATE MOWER (See Fig. 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.
- 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.

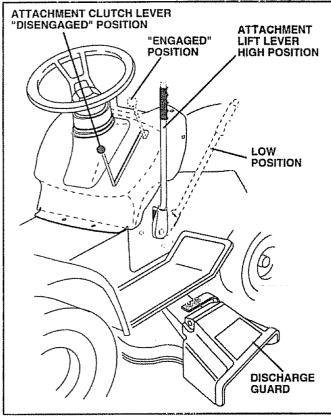


FIG. 9

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

TO TRANSPORT

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

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

BEFORE STARTING THE ENGINE

CHECK ENGINE OIL LEVEL (See Fig. 14)

- 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

- Sit on seat in operating position, depress clutch/brake pedal and set parking brake.
- Place gear shift lever in neutral (N) position.
- Move attachment clutch to "DISENGAGED" position.
- Move throttle control to choke position.

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

Insert key into ignition and turn key clockwise to "START" position and release key as soon as engine starts. Do not run starter continuously for more than fifteen seconds per minute. If the engine does not start after several attempts, move throttle control to fast position, wait a few minutes and try again. If engine still does not start, move the throttle control back to the choke position and retry.

WARM WEATHER STARTING (50° F and above)

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

COLD WEATHER STARTING (50° F and below)

- When engine starts, allow engine to run with the throttle control in the choke position until the engine runs roughly, then move throttle control to fast position. This may require an engine warm-up period from several seconds to several minutes, depending on the temperature.
- The attachments can also be used during the engine warm-up period.

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

MOWING TIPS

- Tire chains cannot be used when the mower housing is attached to tractor.
- Mower should be properly leveled for best mowing performance. See "TO LEVEL MOWER HOUSING" in the Service and Adjustments section of this manual.
- The left hand side of mower should be used for trimming.
- Drive so that clippings are discharged onto the area that has been cut. Have the cut area to the right of the machine. This will result in a more even distribution of clippings and more uniform cutting.
- When mowing large areas, start by turning to the right so that clippings will discharge away from shrubs, fences, driveways, etc. After one or two rounds, mow in the opposite direction making left hand turns until finished (See Fig. 10).
- 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.

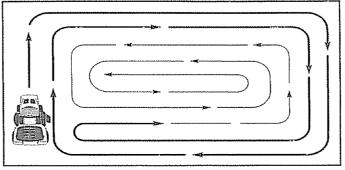


FIG. 10

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. 11). For extremely heavy mulching, reduce your width of cut on each pass 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.

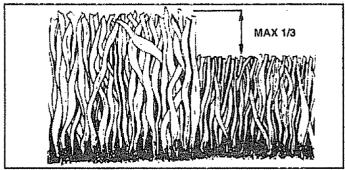


FIG. 11

FIL AS	AINTENANCE SCHEDULE L IN DATES YOU COMPLETE GULAR SERVICE		EFORE E	VERY &	E HOURS JERY 25	AFEN EN	HOUR'S	HOURS WERY SE	ASON LORE	SER	3E VICE	DAT	ΓES
	Check Brake Operation	V	V					·*************************************					
	Check Tire Pressure	W_	V					moraum moogo					
T	Check for Loose Fasteners	W				17							
R	Sharpen/Replace Mower Blades			3 /4									
A	Lubrication Chart			4				V					
ĪŤ	Check Battery Level/Recharge			V 6									
0	Clean Battery and Terminals			W				6 /					
R	Check Transaxle Cooling			0				***************************************		ļ			ļ
	Adjust Blade Belt(s) Tension		<u> </u>			V 5							
	Adjust Motion Drive Belt(s) Tension					1 5							
	Check Engine Oil Level		4				and the state of t	***************************************					
	Change Engine Oil .			W _{1,2,3}				0/					
E	Clean Air Filter			W 2									
N	Clean Air Screen		<u> </u>	W 2									
G	Inspect Muffler/Spark Arrester				4						<u></u>		
	Replace Oil Filter (If equipped)					1.2							
N E	Clean Engine Cooling Fins					W 2							
	Replace Spark Plug					V	4						
	Replace Air Filter Paper Cartridge					V 2					ļ		
	Replace Fuel Filter				and the second		<u> </u>						

- 1 Change more often when operating under a heavy load or in high ambient temperatures
- 2 Service more often when operating in dirty or dusty conditions
- 3 If equipped with oil filter, change oil every 50 hours
- 4 Replace blades more often when mowing in sandy soil

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

GENERAL RECOMMENDATIONS

The warranty on this tractor does not cover items that have been subjected to operator abuse or negligence. 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.

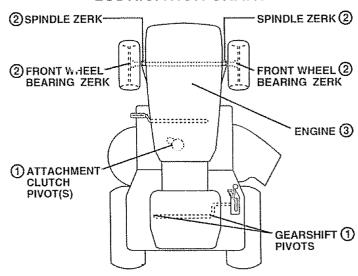
All adjustments in the Service and Adjustments section of this manual should be checked at least once each season.

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. FEEL THEY MUST BE LUBRICATED, USE ONLY A DRY. POW-17 DERED GRAPHITE TYPE LUBRICANT SPARINGLY

TRACTOR

Always observe safety rules when performing any maintenance.

BRAKE OPERATION

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

TIRES

- Maintain proper air pressure in all tires (See "PROD-UCT SPECIFICATIONS" on page 3 of this manual).
- Keep tires free of gasoline, oil, or insect control chemicals which can harm rubber.
- Avoid stumps, stones, deep ruts, sharp objects and other hazards that may cause tire damage.

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. 12)

- 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 (27-35 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.

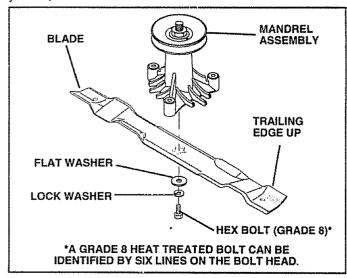


FIG. 12

TO SHARPEN BLADE (See Fig. 13)

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" diarneter 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.

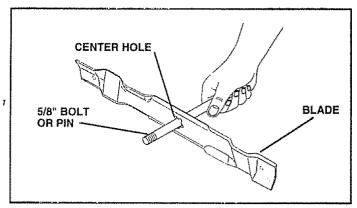


FIG. 13

BATTERY

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

- · Keep battery and terminals clean.
- Keep battery bolts tight.
- Keep small vent holes open.
- Recharge at 6-10 amperes for 1 hour.

TO CLEAN BATTERY AND TERMINALS

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

- Open battery box door.
- Disconnect BLACK battery cable first then RED battery cable and remove battery from tractor.
- · Rinse the battery with plain water and dry.
- Clean terminals and battery cable ends with wire brush until bright.
- Coat terminals with grease or petroleum jelly.
- Reinstall battery (See "CONNECT BATTERY" in the Assembly section of this manual).

V-BELTS

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

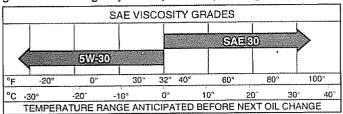
TRANSAXLE COOLING

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

ENGINE

LUBRICATION

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



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

Change the oil after 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 Fig. 14)

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.

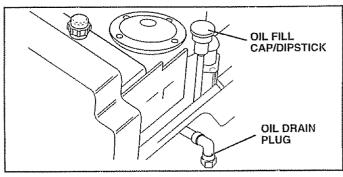


FIG. 14

AIR FILTER (See Fig. 15)

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

Service air cleaner more often under dusty conditions.

Remove knob(s) and cover.

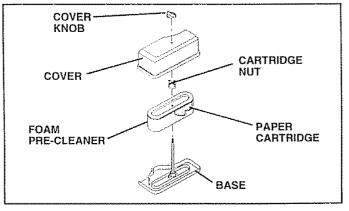
TO SERVICE PRE-CLEANER

- Slide foam pre-cleaner off cartridge.
- Wash it in liquid detergent and water.
- Squeeze it dry in a clean cloth.
- Saturate it in engine oil. Wrap it in clean, absorbent cloth and squeeze to remove excess oil.
- If very dirty or damaged, replace pre-cleaner
- Reinstall pre-cleaner over cartridge.
- Reinstall cover and secure with knob(s).

TO SERVICE CARTRIDGE

- Remove cartridge nut.
- Carefully remove cartridge to prevent debris from entering carburetor. Clean base carefully to prevent debris from entering carburetor.
- Clean cartridge by tapping gently on flat surface. If very dirty or damaged, replace cartridge.
- Reins! Il cartridge, nut, precleaner, cover and secure with knob(s).

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



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.

ENGINE COOLING FINS (See Fig. 16)

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

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

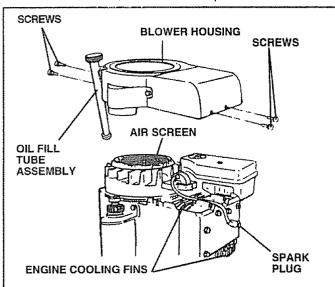


FIG. 16

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. 17)

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.

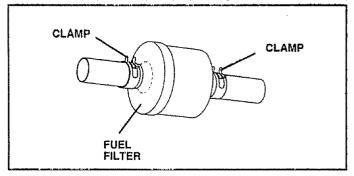


FIG. 17

CLEANING

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

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



CAUTION: BEFORE PERFORMING ANY SERVICE OR ADJUSTMENTS:

- · Depress clutch/brake pedal fully and set parking brake.
- · Place gearshift lever in neutral (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. 18)

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

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

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

TO INSTALL MOWER (See Fig. 18)

- · 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.

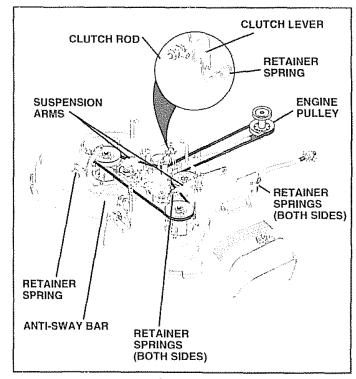


FIG. 18

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). It tires are over or underinflated, you will not properly adjust your mower.

SIDE-TO-SIDE ADJUSTMENT (See Figs. 19 and 20)

- · 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.

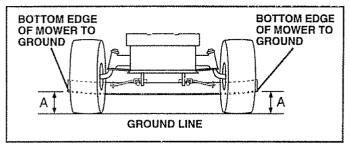


FIG. 19

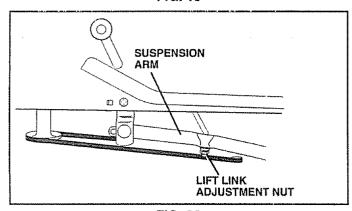


FIG. 20

FRONT-TO-BACK ADJUSTMENT (See Figs. 21 and 22)

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-TOSIDE.

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.

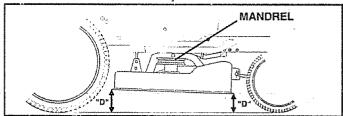
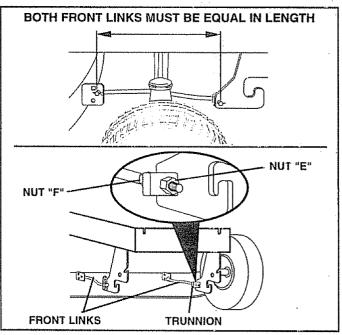


FIG. 21



TO REPLACE MOWER BLADE DRIVE BELT (See Fig. 23)

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.

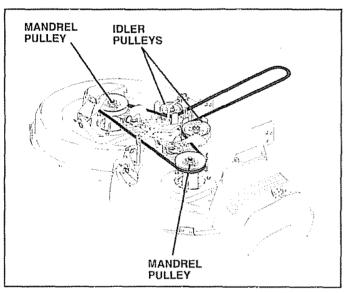


FIG. 23

TO ADJUST BRAKE (See Fig. 24)

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

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

- Depress clutch/brake pedal and engage parking brake.
- Measure distance between brake operating arm and nut "A" on brake rod.
- If distance is other than 1-1/2", loosen jam nut and turn nut "A" until distance becomes 1-1/2". 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.

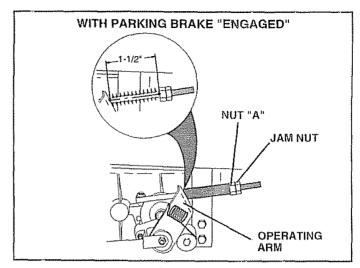


FIG. 24

TO REPLACE MOTION DRIVE BELT (See Fig. 25)

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

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

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

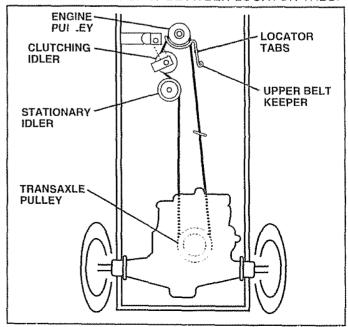


FIG. 25

TRANSAXLE SHIFTER LINKAGE AND AD-JUSTMENT (See Figs. 26 and 27)

The transaxle should be in neutral when the gear shift lever is in the neutral (N) (lock gate) position. The adjustment is preset at the factory; however, if adjustment is needed, proceed as follows:

- Make sure transaxle is in neutral (N).
- Loosen two locknuts on tie rod.
- Turn center rod until gearshift lever falls into neutral lock gate on fender console.
- · Tighten locknuts securely.

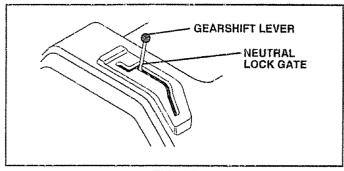


FIG. 26

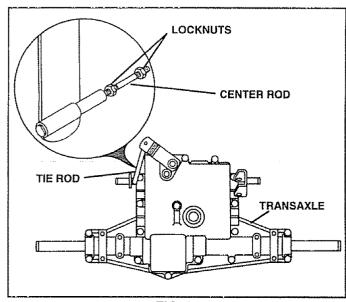


FIG. 27

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. 28)

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

NOTE: To seal lire 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.

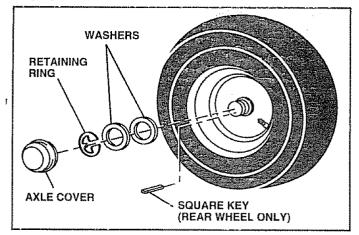


FIG. 28

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



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

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

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

TO ATTACH JUMPER CABLES -

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

TO REMOVE CABLES. REVERSE ORDER -

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

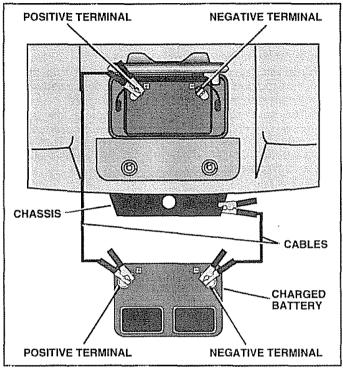


FIG. 29

TO REPLACE 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. 30)

- 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.

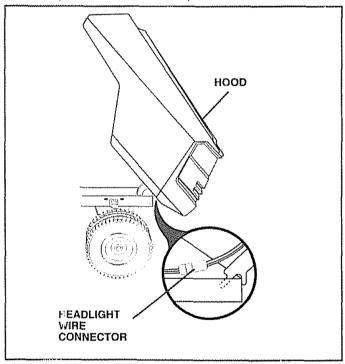


FIG. 30

ENGINE

TO ADJUST THROTTLE CONTROL CABLE (See Fig. 31)

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

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

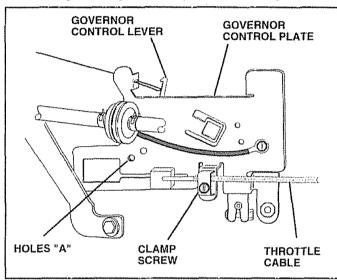


FIG. 31

TO ADJUST CARBURETOR (See Fig. 32)

NOTE: The carburetor on this engine is low emission. It is equipped with an idle fuel adjusting needle with a limiter cap, which allows some adjustment within the limits allowed by the cap. Do not attempt to remove the limiter cap. The limiter cap cannot be removed without breaking the adjusting needle.

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

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

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

PRELIMINARY SETTING -

- Air cleaner assembly must be assembled to the carburetor when making carburetor adjustments.
- Be sure the throttle control cable is adjusted properly (see above).

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.
- Move throttle control lever to slow position. With finger, rotate and hold throttle lever against idle speed screw. Turn idle speed screw to attain 1750 RPM.
- While still holding throttle lever against idle speed screw, turn idle mixture valve full travel clockwise then counterclockwise until engine runs rough. Turn valve to a point midway between those two positions. Release throttle lever.

ACCELERATION TEST -

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

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, CONT CT YOUR NEAREST AUTHORIZED SERVICE CENTER/DEPARTMENT, WHICH HAS PROPER EQUAL MENT AND EXPERIENCE TO MAKE ANY NECESSARY ADJUSTMENTS.

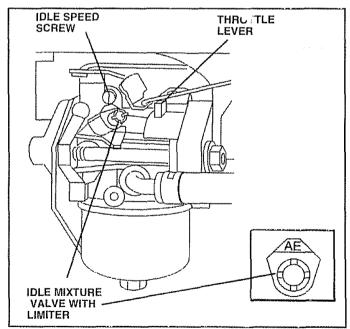


FIG. 32

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. 2 Engine not "CHOKED" properly. 3 Engine flooded 4 Bad spark plug 5 Dirty air filter 6 Dirty fuel filter. 7 Water in fuel 8 Loose or damaged wiring 9 Carburetor out of adjustment	1 Fill fuel tank 2 See "TO START ENGINE" in Operation section 3 Walt several minutes before attempting to start 4 Replace spark plug. 5 Clean/replace air filter 6 Replace fuel filter 7 Drain fuel tank and carburetor, refill tank with frest gasoline and replace fuel filter 8 Check all wiring. 9 See "To Adjust Carburetor" in Service Adjustment section.
Hard to start	10. Engine valves out of adjustment. 1. Dirty air filter 2. Bad spark plug. 3. Weak or dead battery. 4. Dirty fuel filter. 5. Stale or dirty fuel 6. Loose or damaged wiring 7. Carburetor out of adjustment. 8. Engine valves out of adjustment.	 Contact an authorized service center/department. Clean/replace air filter Roplace spark plug Recharge or replace battery Replace fuel filter Drain fuel tank and refill with fresh gascline Check all wiring. See "To Adjust Carburetor" in Service Adjustment section. Contact an authorized service center/department
Engine will not turn over	1 Clutch/brake pedal not depressed 2 Attachment clutch is engaged r 3. Weak or dead battery. 4 Blown fuse. 5. Corroded battery terminals. 6. Loose or damaged wiring 7. Faulty ignition switch. 8. Faulty solenoid or starter 9. Faulty operator presence switch(es).	1 Depress clutch/brake pedal 2 Disengage attachment clutch. 3 Recharge or replace battery 4 Replace fuse 5 Clean battery terminals 6 Check all wiring. 7 Check/replace ignition switch 8 Check/replace solenoid or starter 9. Contact an authorized service center/department.
Engine clicks but will not start	Weak or dead battery. Corroded battery terminals. Loose or damaged wiring Faulty solenoid or starter.	1 Recharge or replace battery 2 Clean battery terminals 3 Check all wiring 4. Check/replace solenoid or starter.
Loss of power	1 Cutting too much grass/too fast 2. Throttle in "CHOKE" position. 3. Build-up of grass, leaves and trash under mower. 4. Dirty air filter. 5. Low oll level/dirty oil. 6. Faulty spark plug. 7. Dirty fuel filter. 8 Stale or dirty fuel 9. Water in fuel. 10. Spark plug wire loose. 11. Dirty engine air screen/fins. 12 Dirty/clogged muffler 13. Loose or damaged wiring. 14 Carburetor out of adjustment. 15. Engine valves out of adjustment.	1 Set in "Higher Cut" position/reduce speed. 2 Adjust throttle control 3 Clean underside of mower housing 4 Clean/replace air filter. 5 Check oil level/change oil. 6 Clean and regap or change spark plug 7 Replace fuel filter 8 Drain fuel tank and refill with fresh gasoline. 9 Drain fuel tank and carburetor, refill tank with fresh gasoline and replace fuel filter. 10 Connect and tighten spark plug wire. 11 Clean engine air screen/fins. 12 Clean/replace muffler. 13 Check all wiring. 14 See "To Adjust Carburetor" in Service Adjustments section. 15 Contact an authorized service center/department.
Excessive vibration	Worn, bent or loose blade Bent blade mandrel Loose/damaged part(s)	Replace blade Tighten blade bolt Replace blade mandrel. Tighten loose part(s) Replace damaged parts.

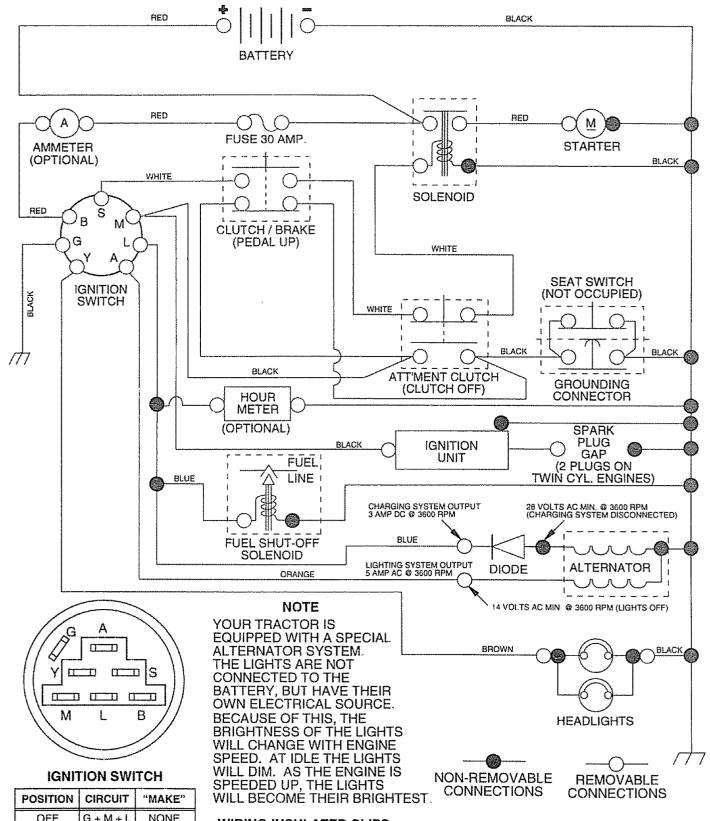
TROUBLESHOOTING POINTS

PROBLEM	CAUSE	CORRECTION				
Engine continues to run when operator leaves seat with attachment clutch engaged	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	1 Engine speed too slow. 2 Travel speed too fast 3 Wet grass. 4 Mower deck not level 5 Low/uneven tire air pressure 6 Worn, bent or loose blade 7 Buildup of grass. leaves and trash under mower. 8 Mower drive belt worn. 9 Blades improperly installed 10 Improper blades used 11 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	1. Replace battery. 2. Check/clean all connections 3. Replace regulator 4. Replace alternator				
Engine "backfires" when turning engine "OFF"	Engine throttle control not set at "SLOW" position for 30 seconds before stopping engine.	Move throttle control to "SLOW" position and allow to idle for 30 seconds before stopping engine				

SERVICE NOTES

TRACTOR - - MODEL NUMBER 917,270610

SCHEMATIC



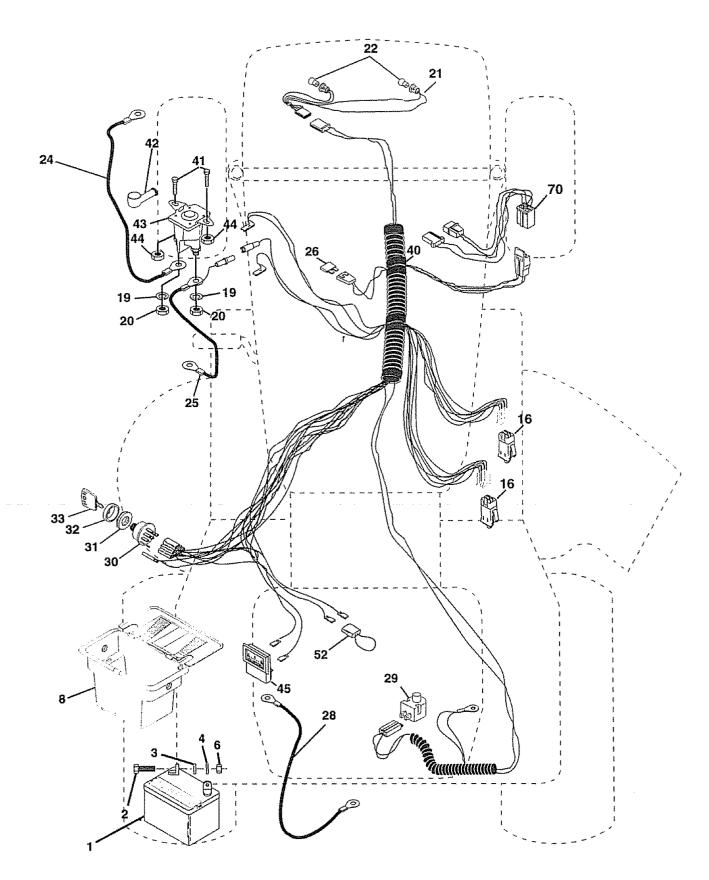
POSITION	CIRCUIT	"MAKE"
OFF	G + M + L	NONE
RUN/LIGHT	B+L	A + Y
RUN	B+L	NONE
START	B+L+S	NONE

WIRING INSULATED CLIPS

NOTE: IF WIRING INSULATED CLIPS WERE REMOVED FOR SERVICING OF UNIT, THEY SHOULD BE REPLACED TO PROPERLY SECURE YOUR WIRING.

TRACTOR - - MODEL NUMBER 917.270610

ELECTRICAL



TRACTOR - - MODEL NUMBER 917.270610

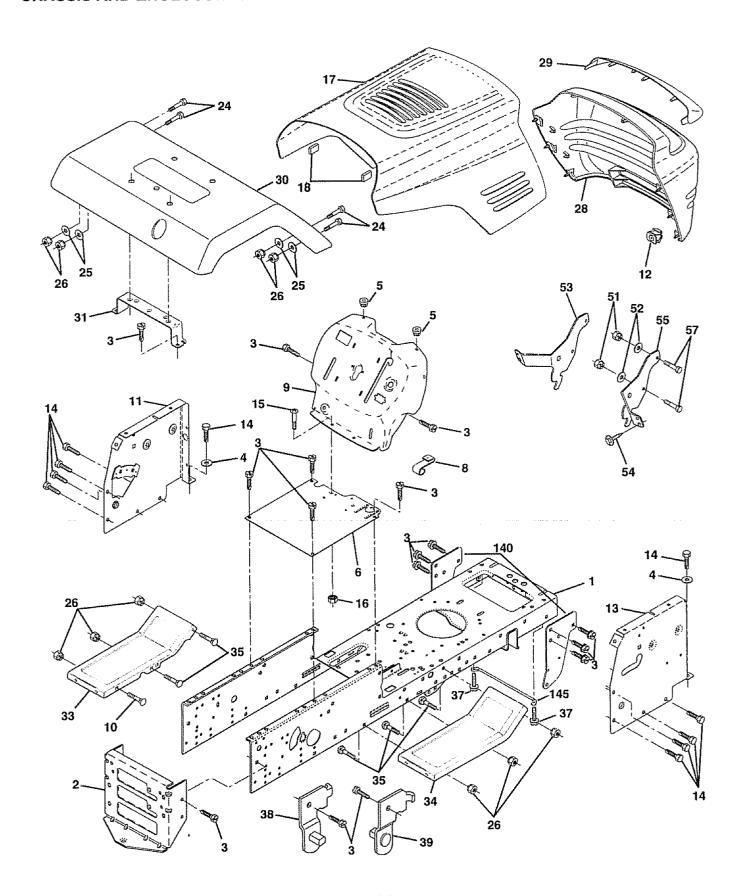
ELECTRICAL

KEY NO.	PART NO.	DESCRIPTION
3 4 6 8 16 19 21 22 45 26 29 31 32 34 44 45 52	147430 4152J 4799J 146147 108824X	Battery 12 VOLT 25 AMP Bolt Hex Hd 1/4-20unc x 3/4 Washer 9/32 x 5/8 x 16 Ga Washer Lock Hvy Helical 1/4 Nut Fin Hex 1/4-20 Unc Case Battery Switch, Interlock Push-In Washer Lock 1/4 Nut Jam Hex 1/4-20 Unc Harness Asm Light W/4152j Bulb Light #1156 Cable Battery 6 Ga 11" red Cable Battery 6 Ga w/16 wire red Fuse 30 AMP Auto Green Cable Ground 6 Ga 12" black Switch Plunger Nc Gray Switch Ign 4 Pos Nut Ignition Cover Sw Key Blk 1 25 Text SLT Key Ign Molded Craftsman Harness Ign Man CI Am Hm 97 Bolt Blk. Fin Hex 1/4-20 Unc x 1/2 Cover Terminal Red Solenoid Nut Keps Blk Hex 1/4-20 Unc Ammeter Rectangular 6 Amp Protection Wire Loop Harness Engine B&S 14 OHV
		TOTAL PROPERTY

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

TRACTOR - - MODEL NUMBER 917.270610

CHASSIS AND ENCLOSURES



TRACTOR - - MODEL NUMBER 917.270610

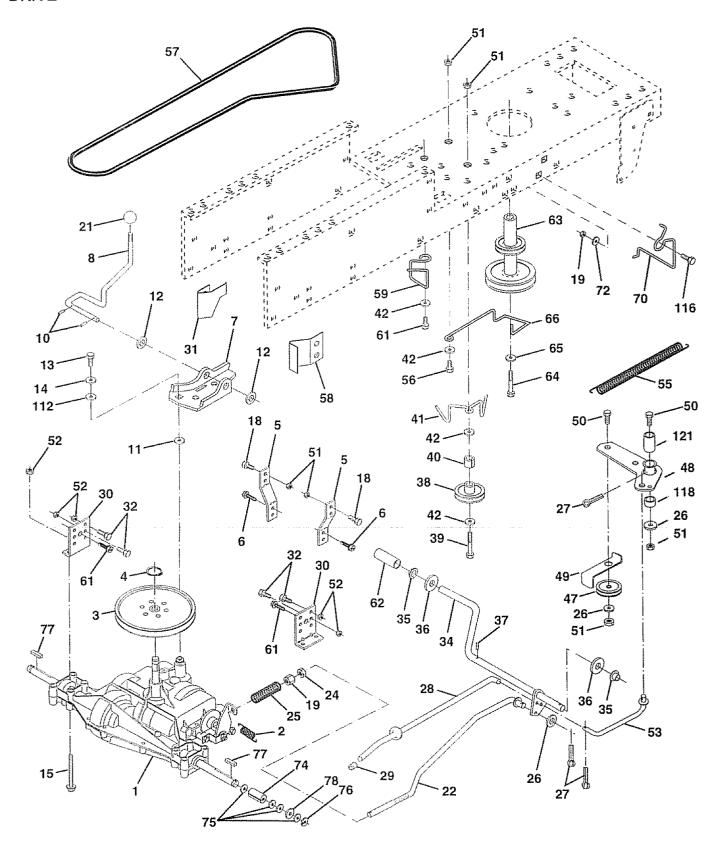
CHASSIS AND ENCLOSURES

KEY NO.	PART NO.	DESCRIPTION
		Chassis Assembly Drawbar Screw, Thd. Roll. 3/8-16 x 3/4 Washer 13/32 x 3/4 x 16 Gauge Bumper Hood/Dash Saddle Clip Retainer Slide-On Dash Bolt, Carriage 3/8-16 x 3/4 Panel, Dash, L.H. Clip Tinnerman Grille P/L Panel, Asm. SLKSCR Dash R.H. Screw Thdrol 3/8-16 x 1/2 Screw, Machine, Truss Head 5/16-18 UNC x 3/4 Nut Hood Assembly Bumper Hood Bolt Washer 13/32 x 13/16 x 12 Gauge Nut Grille w/Clips MS-558 Lens, Grille Fender Bracket, Fender Support Footrest, L.H. Footrest, R.H. Bolt Screw Thdrol 5/16-18 x 1/2 TYT Pivot Bracket Assembly, L.H. Pivot Bracket Assembly, R.H. 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, Fin Hex 1/4-20 UNC x .75
140 145 	158418 156524 5479J	Bracket Front Suspension Rod Pivot Chassis/Hood Plug, Button

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

TRACTOR - - MODEL NUMBER 917.270610

DRIVE



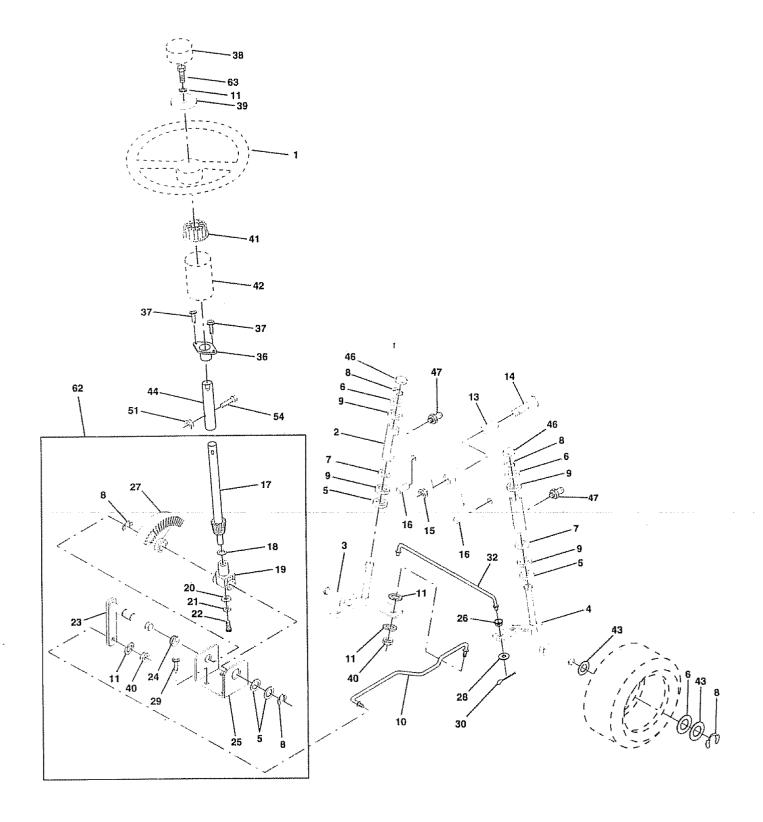
TRACTOR - - MODEL NUMBER 917.270610

DRIVE

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	and any and the	Transaxle (See Breakdown)	40	4470J	Spacer Split 395 x 59 Bzp
		Dana Model 4360-113	41	154777	Keeper Belt Idler
2	146682	Spring Return Brake T/a Zinc	42	19131312	Washer 13/32 x 13/16 x 12 Ga
3	123666X	Pulley Transaxle 18/20" tires	47	127783	Pulley Idler V Groove Plastic
4	12000028	RIng Retainer # 5100-62		154604	Bellcrank Asm Clutch
5	121520X	Strap Torque 30 Degrees		123205X	Retainer Belt Style Spring
6	17490512	Screw Thdrol 5/16-18 x 3/4 TYT	50	STD523715	Bolt Hex Hd 3/8-16unc x 1-1/2
7	130802	Bracket Saddle Shift T/a	51	STD541437	Nut Crownlock 3/8-16 UNC
8	131679	Rod Shf Sdl LY/YT Str Blk Zinc		STD541431	Nut Crown Lock 5/16-18
10	STD561210	Pin Cotter 1/8 x 1 Cad		105710X	Link Clutch 7 66
11	105701X	Washer Plate Shf 388 Sq Hole	55	105709X	Spring Return Clutch 6 75
12	19151216	Washer 15/32 x 3/4 x 16ga	56		Bolt Fin Hex 3/8-16 unc x 1-1/4
13	74550412	Bolt 1/4-28unf Gr8 W/Patch		130801	V-Belt Gd Drive 95 25
14	STD551125	Washer Lock Hvy Helical 1/4		127274X	Keeper Belt RH LT Pnt/zinc 16g
15	74490544	Bolt Hex FLGHD 5/16-18Gr.5	59	140312	Keeper Belt Centerspan
18	STD523710	Bolt Fin Hex	61	17490612	Screw Thdrol 3/8-16 x 3/4 Ty-tt
19	STD541437	Nut Lock Hex W/lns. 3/8-16 Unc		8883R	Cover Pedal Blk Round
21	106933X	Knob Rd 1/2-13 Plstc Thds Blk		140186	Pulley Eng Cl Mech 38deg LT/YT
22	130804	Rod Brake Blk Zinc 26 840		71170764	Bolt Hex 7/16-20 x 4 Gr 5
24	STD541237	Nut Hex Jam 3/8-16 Unc		STD551143	Washer Lock Hvy Hlcl Spr 7/16
25	106888X	Spring Rod Brake 2 00 Zinc		154778	Keeper Belt Engine
26	STD551037	Washer 13/32 x 13/16 x 16 Ga		134683	Guide Belt Mower Drive RH
27	STD561210	Pin Cotter 1/8 x 3/4 Cad		19132012	Washer 13/32 x 1-1/4 x 12 Ga
28	145204	Rod Brake Parking Lt/Yt		109502X	Spacer Axle
29	124236X	Cap Brake Parking Red		121749X	Washer 25/32 x 1 1/4 x 16 Ga
30	130807	Bracket Mtg Transaxle	76		E-ring #5133-75
31	127275X	Keeper Belt LH LT 14 Ga		123583X	Key Square 2 0 x 1845/ 1865
32	STD523107	Bolt Hex Hd 5/16-18unc x 3/4		121748X	Washer 25/32 x 1-5/8 x 16ga
34	155071	Shaft Asm Pedal Foot		19091210	Washer 9/32 x 3/4 x 10 Ga
35	120183X	Bearing Nylon Blk 629 Id		72110610	Bolt Rdhd Sq Neck 3/8-16 x 1.25
36	STD551062	Washer 21/32 x 1 x 16 Ga		154774	Spacer Bellcrank
37	STD571810	Pin Roll 3/16 x 1"	121	154419	Nyliner Clutching Stl
38 39	123674X STD523727	Pulley Idler Flat Bolt Fin Hex 3/8-16unc x 2-3/4	NOT	E: All compor 1 inch = 25	ent dimensions given in U.S. inches .4 mm

TRACTOR - - MODEL NUMBER 917.270610

STEERING ASSEMBLY



TRACTOR - - MODEL NUMBER 917.270610

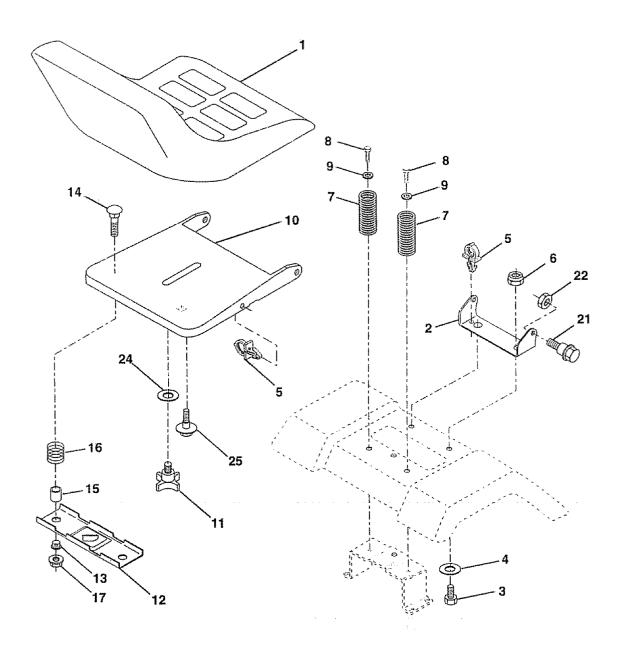
STEERING ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION
1	139768	Steering Wheel
2	154427	Front Axle Assembly
3 4	156483 157473	Spindle Assembly, L.H. Spindle Assembly, R.H.
5	6266H	Bearing, Race, Thrust, Hardened
6	121748X	Washer 25/32 x 1-5/8 x 16 Gauge
7	19272016	Washer 27/32 x 1-1/4 x 16 Gauge
8	12000029	Ring, Klip
9	3366R	Bearing, Steering Column
10	156438:	Link, Drag
11 13	STD551137 154779	Washer, Lock
15	73901000	Spacer, Bearing, Front Axle Nut, Lock, Flange 5/8-11 UNC
17	156546	Shaft Assembly, Steering
18	57079	Washer, Thrust 515 x 750 x 033
19	124035X	Support, Shaft
20	126684X	Washer, Shim 1/4 x 5/8 x .062
22	71200410	Screw Hex Socket 1/4-20 x 5/8
23	127501	Pittman Shaft Assembly
25 26	154406 126847X	Bracket, Steering Bushing, Link, Drag
27	136874	Gear, Sector
28	19131416	Washer 13/32 x 7/8 x 16 Gauge
29	17490612	Screw, Thd., Roll. 3/8-16 x 3/4
30	STD561210	Pin
32	130465	Rod, Tie
36	155099	Bushing, Steering
37	152927	Screw TT #10-32 x 5 x 3/8 Flange
38 39	139769 19133808	Cap Wheel Steer OPP Blk Washer 13/32 x 2-3/8 x 8 Gauge
40	STD541537	Gripco Nut
41	100711L	Adaptor, Steering Wheel
42	145054	Boot, Steering Dash P/L Mtl Blk
43	121749X	Washer 25/32 x 1-1/4 x 16 Gauge
44	153720	Extension Steering Non-Adjust
46 47	121232X	Cap, Spindle
51	6855M STD541431	Fitting, Grease Nut Lock Hx W/Ins 5/16-18 UNC
54	STD523112	Bolt Fin Hex 5/16-18 UNC x 1-1/4
62	156594	Kit, Steering Assembly, Service
63	74780616	Bolt Fin Hex 3/8-16 unc. x 1 Gr. 5
65	154780	Spacer Axle
	154404	Bearing Arm Pittman
67	74781044	Bolt Fin Hex 5/8-11unc x 2-3/4
68	154429	Brace Axle

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

TRACTOR - - MODEL NUMBER 917.270610

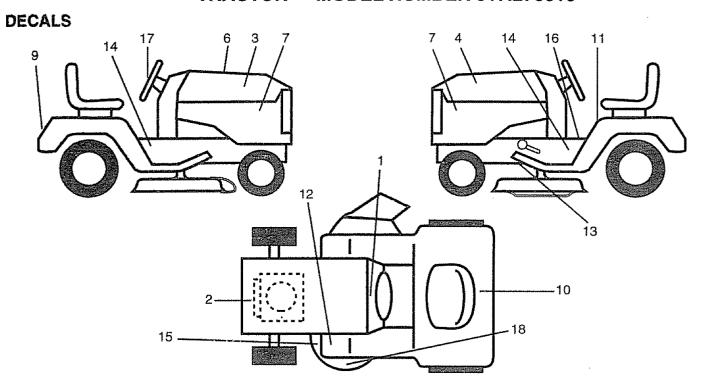
SEAT ASSEMBLY



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	140122	Seat 3350 Blk/blk Craftsman	12	121246X	Bracket Pnt Mounting Switch
2	140551	Bracket Pnt Pivot Seat (blk)	13	121248X	Bushing Snap Blk Nyl 50 ld
3	STD523710	Bolt Fin Hex 3/8-16unc X 1	14	72050412	Bolt Rand Sht Nk 1/4-20x1-1/2
4	19131610	Washer 13/32 X 3/4 X 10 Ga	15	134300	Spacer Split 28 X 96 Zinc
5	145006	Clip Push In Hinged	16	121250X	Spring Cprsn 1 27 Blk Pnt
6	STD541437	Nut Hex Lock w/lns 3/8-16 Unc	17	123976X	Nut Lock 1/4 Lge Flg Gr 5 Zinc
7	124181X	Spring Seat Cprsn 2 250 Blk Zi	21	153236	Bolt Shoulder 5/16-18 Unc-2A
8	17490616	Screw Thdrol 3/8-16 X 1 Ty-tt	22	STD541431	Nut Hex Lock w/Ins 5/16-18
9	19131614	Washer 13/32 X 1 X 14 Ga	24	19 171912	Washer 17/32 X 1-3/16 X 12 Ga
10	155925	Pan Pht Seat (blk)	25	127018X	Bolt Shoulder 5/16-18 X 62
11	120068X	Knob Seat	AIOT	E. Alloompo	ant dimensions alven in IIS inches

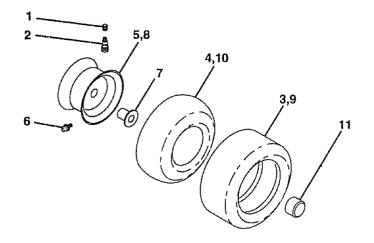
NOTE: All component dimensions given in U.S. inches. 1 inch = 25.4 mm

TRACTOR - - MODEL NUMBER 917.270610



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	156834	Decal, Instruction Operat Eng	14	147139	Decal, Chassis 42" 6sp
2	273303	Decal, Engine	15	160396	Decal, Mower Drive Schematic
3	160280	Decal, Hood Rh	16	140837	Decal, Saddle Brake Parking
4	160281	Decal, Hood Lh	17	150333	Decal, Cap Cnsmr Help Line Srs.
6	133644	Decal, Maint Customer Sears Dom	18	156787	Decal, Mower EZ3 Mulching Sears
7	150297	Decal, Panel Side		138311	Decal, Lift Handle
9	146709	Decal, Fender Craftsman Gold	* *	145246	Pad, Footrest Rbr Sq Generic 95
10	149516	Decal, Btry Dngr/Psn Eng		145247	Fastner Pop In Footrest
11	156439	Decal, Fender Danger Sears E/S	~ ~	162029	Manual, Owner's (English)
12	4900J	Decal, Clutch/brake Eng		162030	Manual, Owner's (Spanish)
13	146046	Decal, V-belt Dr Sch Tractor			

WHEELS & TIRES

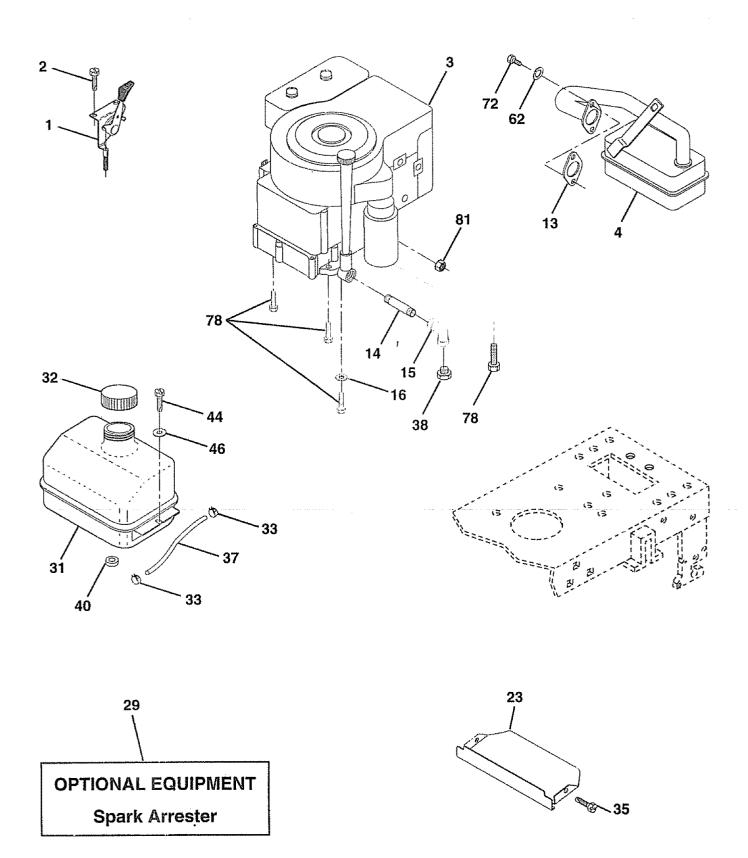


KEY NO.	PART NO.	DESCRIPTION
1 2 3 4 5 6 7 8 9 10 11	59192 65139 106222X 59904 106732X427 278H 9040H 106108X427 106268X 7152J 104757X 144334	Cap Value Tire Stem Value Tire F Ts 15 X 6 0 - 6 Service Tube Inner Front #35060 Rim Asm 6"front White Service Fitting Grease Bearing Flange Rim Asm 8"rear White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

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

TRACTOR - - MODEL NUMBER 917.270610

ENGINE



TRACTOR - - MODEL NUMBER 917.270610

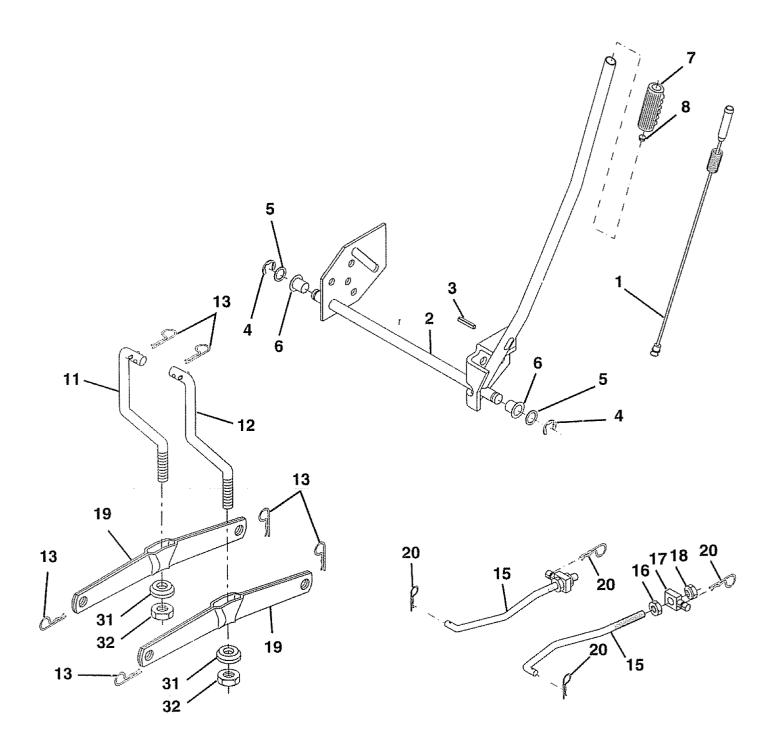
ENGINE

KEY NO.		DESCRIPTION
1	150600 17720410	Control TH/Ch LH IV 180.20.22" Screw Hex Thd Cut 1/4-20x5/8 T
2 3	17720410	Engine (See Breakdown) B&S Model 28U707-1174-E1
4	137352	Muffler Exhaust B&S Lt
13	272293	Gasket 1 313 ld Tin Plated
14	13280324	Nipple Pipe 3/8 Npt X 3"
	13200300	Elbow Std 90 Degree 3/8-18 Npt
16		Washer Lock Ext Tooth 3/8
23		Shield BRN/DBR Guard
29		Arrestor Spark
31		Tank Fuel 1 25 Fr
32	158990 123487X	Cap Asm Fuel W/sym Vented
	17490512	Clamp Hose Blk Screw, Thdrol 5/16-18 x 3/4 Tyt
37	137040	Line Fuel 20"
38	10/040	Plug Oil Drain (Order From Engine
ÇÜ		Manufacturer)
40	124028X	Bushing Snap Nyl Blk Fuel Line
44	17490412	Screw Hexwsh Thdrol 1/4-20x3/4
46	19091416	Washer 9/32 X 7/8 X 16ga
62	STD551131	Washer Lock Hvy Hlcl Spr 5/16
72	71070512	Screw Hexhd Cap 5/16-18x3/4
78	17490620	Screw Thdrol 3/8-16x1-1/4 Tytt
81	128861	Nut Flange 1/4-20 Starter Nut

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

TRACTOR - - MODEL NUMBER 917.270610

LIFT



TRACTOR - - MODEL NUMBER 917.270610

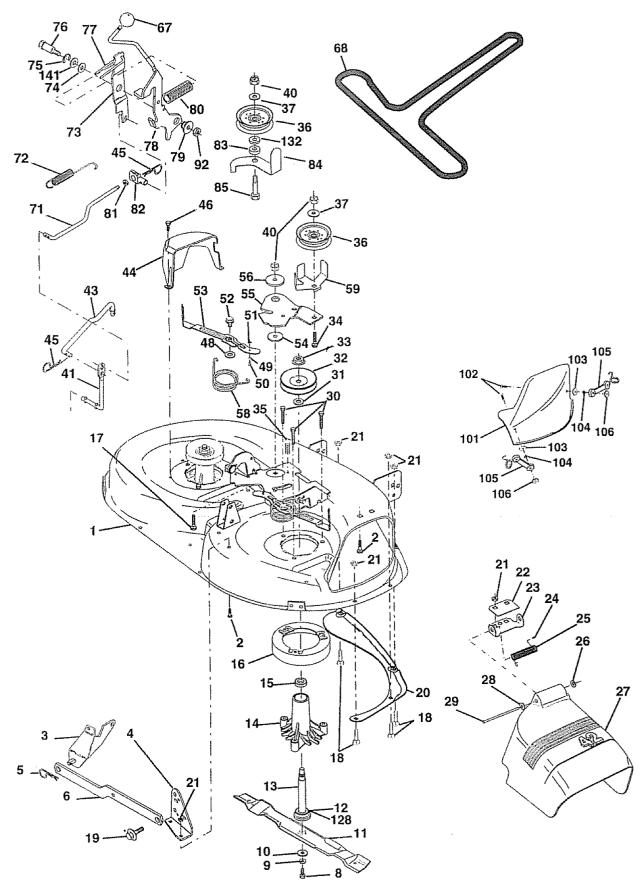
LIFT

KEY NO.	PART NO.	DESCRIPTION
1 2 3	159460 159471 105767X	Washer Asm Inner Spring W/ Plunger Shaft Asm. Lift RH Pin Groove
4 5 6 7 8	12000002 19211621 120183X 125631X 122365X	E Ring #5133-62 Washer 21/32 x 1 x 21 Ga. Bearing Nylong Grip Handle Fluted Button Plunger Read
12 13 15	139865 139866 STD624008 127218 73350800	Link Asm Lift L.H. Link Asm Lift R.H. Retainer Spring Link Front Nut Jam Hex 1/2-13 Unc
17 18 19 20	130171 73800800 139868	Trunnion Blk Zinc Nut Lock W/Wsh 1/2-13 Unc Arm Suspension Mower Retainer Spring Bearing, Pvt. Lift. Spherical Nut Crownlock 3/8-24

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

TRACTOR - - MODEL NUMBER 917.270610

MOWER



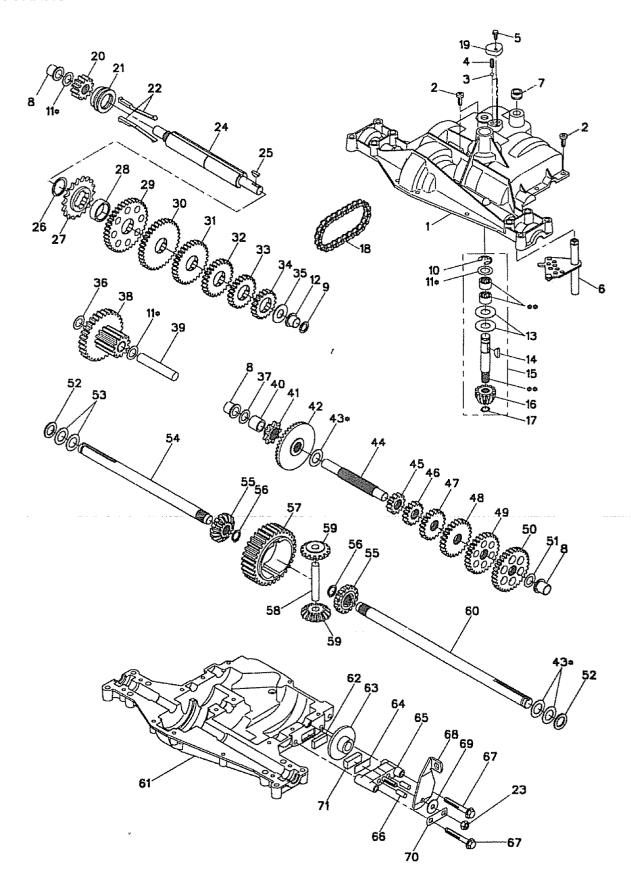
TRACTOR - - MODEL NUMBER 917.270610

MOWER

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1 2	144393 STD533107	Mower Housing Bolt	49 50	155066 131340	Roller Assembly, Cam Follower Bolt, Shoulder #10-24 Grade 5
3	138017	Bracket Assembly, Sway Bar, Front	51	STD541410	Locknut
4	138440	Bracket Assembly, Sway Bar	52	139888	Bolt, Shoulder 5/16-18 UNC
5	STD624008	Retainer Spring	53	131845X900	Arm Assembly, Pad, Brake
6 8	130832 850857	Arm, Suspension, Rear Bolt, Hex 3/8-24 x 1.25 Grade 8	54 55	133943 155046	Washer, Hardened Arm, Idler
9	STD551137	Washer, Lock	56	122052X	Spacer, Retainer
1Ŏ	140296	Washer, Hardened	58	140086	Spring, Torsion Brakes 42"
11	134149	Blade, Mulching	59	141043	Guard, Tuv Idler (94)
12	129895	Bearing, Ball	67	149846	Knob Custom Oval
13	137645	Shaft Assembly, Mandrel, Vented (Includes Key Number 6)	68 71	144200 142427	V-Belt Rod, Clutch, Primary, with Nibs
14	128774	Housing, Mandrel, Vented		131870	Spring, Return
15	110485X	Bearing, Ball, Mandrel	73	127847	Arm, Clutch, Secondary
16	140329	Stripper, Vented Mower Deck	74	121748X	Washer 25/32 x 1-5/8 x 16 Gauge
17	72110610	Bolt, Carriage 3/8-16 x 2-1/4	75 76	12000029	Ring, Klip
18 19	STD533106 132827	Bolt, Carriage 5/16-18 x 5/8 Bolt, Shoulder	76 77	128903 127845	Bolt, Shoulder 3/8-16 UNC x 1.44 Keeper, Spring
20	136888	Baffle, Vortex		154809	Arm, Clutch, Primary
21	STD541431	Nut, Crownlock 5/16-18 UNC	79	127498	Bushing, Large, Brass
22	134753	Stiffener Bracket	80	153701	Spring, Mower Clutch
23	131267	Bracket, Deflector	81 82	STD541237 142028	Nut, Hex Jam 3/8-16 UNC
24 25	105304X 123713X	Cap, Sleeve Spring, Torsion, Deflector	83	142026 120958X	Trunnion Adj. 94 Washer Sintered
26	110452X	Nut, Push	84	156084	Keeper Belt Idler
27	130968	Shield, Deflector		72140618	Bolt Carriage 3/8-16 x 2-1/4
28	19111016	Washer 11/32 x 5/8 x 16 Gauge	92	STD541437	Locknut, Hex W/Wsh 3/8-16 UNC
29	131491	Rod, Hinge		136420	Cover Mulching 42" Black
30 31	157722 129963	Screw Thdrol Rolling Washer Head Washer, Spacer		71161010 19061216	Screw Truss Head Phil 10-24 x 5/8 Washer #10
32	153535	Pulley, Mandrel		10071000	Washer Lock #10
33	137266	Nut, Toplock, Flanged	105	160793	Latch Asm Bagger
34	STD533717	Bolt		2029J	Nut Weld
35 36	133835	Fastner, Christmas Tree		153390 19132203	Washer Felt
37	131494 STD551037	Pulley, Idler, Flat Washer 13/32 x 13/16 x 16 Ga.		6266H	Washer 13/32 x 1-3/8 x 3 Ga. Washer Thrust .75 x 1.230
40	STD541437	Nut, Crownlock 3/8-16 UNC	***	130794	Mandrel Assembly (Includes Key
41	133551	Rod, Pivot, with Nibs			Numbers 8-10, 12-15, 31 and 32)
43	140083	Rod, Clutch, Secondary, with Nibs		145411	Mower Deck, Complete (Std deck -
44 45	140088 STD624003	Guard, Mandrel, L.H. Retainer			order separately mulcher plate
45 46	137729	Screw, Thd. Roll 1/4-20 x 5/8	£ 1	P* - Atl	components key nos. 101-106)
48	133944	Washer, Hardened	NOT	1 inch = 25	ent dimensions given in U.S. inches
		•		1 mon = 20.	**** \$ \$ \$ \$ \$ \$.

TRACTOR - - MODEL NUMBER 917.270610

DANA TRANSAXLE - MODEL NUMBER 4360-113

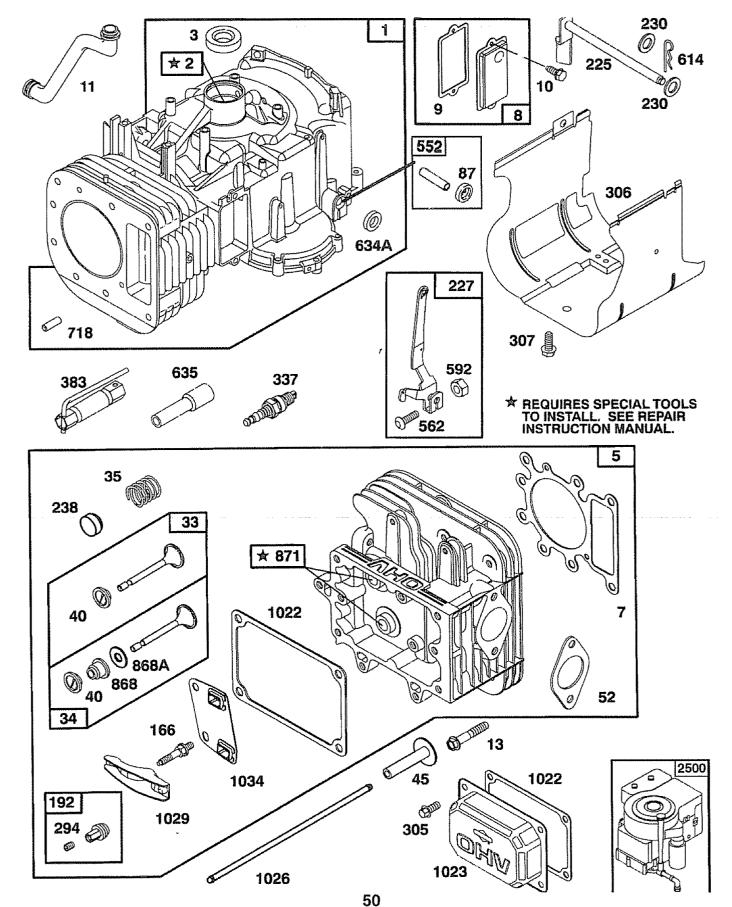


TRACTOR - - MODEL NUMBER 917.270610

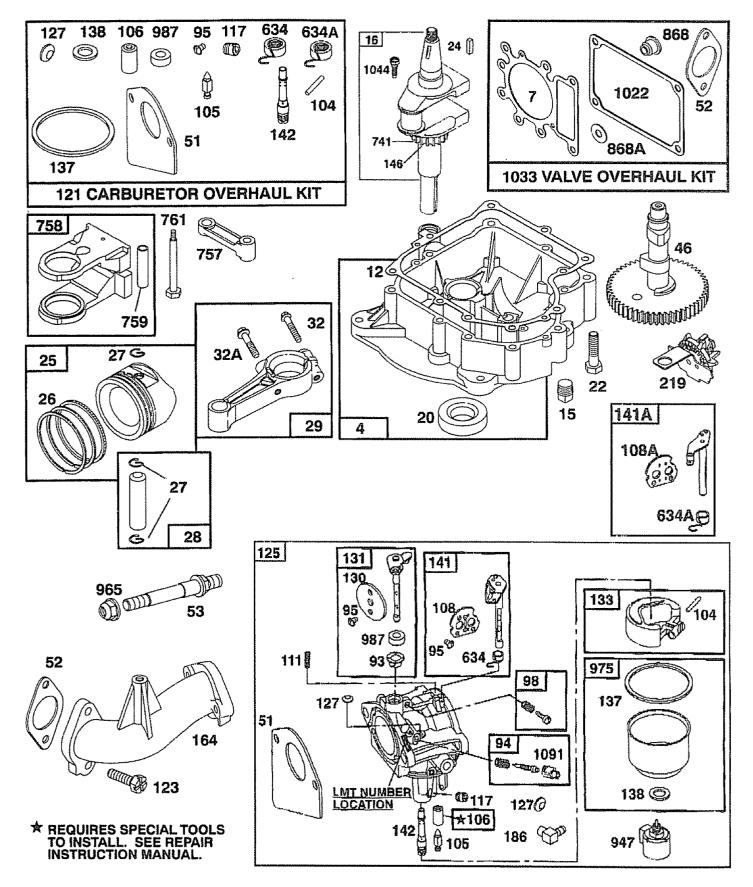
DANA TRANSAXLE - MODEL NUMBER 4360-113

	PART NO.	DESCRIPTION		PART NO.	DESCRIPTION
NO. 12345678901123456789012223456278	NO. 160939 2274J 134400 105904X 160940 138235 108727X 148266 148269 2225J 134793 148268 120415X 142674 138234 110078X 105909X 105910X 160942 160943 148267 138236 73810500 142676 2244J 105916X 120470X 110070X	Housing, Upper Screw, Tapping, 1/4-20 X 734 Ball, Detent Spring, Detent Screw, Tapping, No. 10-24 X 482 Assy, Shifter V-Ring Bearing, Flange Seai, Oil Ring, Retaining Assy, Kit, Shim, 625 Shaft Bearing, Flange Washer, Plain, 632 X 1.38 X 046 Key, Woodruff, No. 9 Assy, Kit, Input Shaft Pinion, Bevel, 14T Ring, Retaining Chain, 24 Pitches Cover, Detent Gear, Spur, 12T Collar, Clutch Assy, Kit, Clutch Keys Nut, Lock, 5/16-24 Shaft, Intermediate Key, Woodruff, No. 61 Ring, Retaining Sprocket, 18T Spacer, 1.131 X 1.45 X 494	NO. 40 41 42 43 44 45 46 47 48 49 51 52 55 55 56 66 66 66 66 66 66 66 66 66 66	NO. 120472X 105928X 110084X 134394 120473X 142678 143697 124641X 106589X 120408X 105937X 2226J 134401 2264J 160946 110081X 160948 110071X 120952X 110082X 160950 142680 120961X 7294J 108989X 160952 120954X 160953	Spacer, .633 X .87 X .755 Sprocket, 9T Gear, Bevel, 42T Assy, Kit, Shim, .750 Shaft Shaft, Drive Gear, Spur, 12T Gear, Spur, 15T Gear, Spur, 20T Gear, Spur, 28T Gear, Spur, 28T Gear, Spur, 31T Washer, Plain, .632 X 1.00 X .060 Washer, Neoprene Washer, Plain, .758X 1.25X .031 Axle, LH Gear, Miter, 15T Ring, Retaining Gear, Spur, 32T Shaft, Cross Gear, Miter, 15T Axle, RH Housing, Lower Puck, Friction Disc, Brake Spacer, Brake Puck Jaw, Brake Pin, Dowel Screw, Tapping, 5/16-18 X 2.35
		Spacer, 1.131 X 1.45 X .494 Gear, Spur, 37T Gear, Spur, 35T Gear, Spur, 30T Gear, Spur, 25T			Screw, Tapping, 5/16-18 X 2.35 Lever, Actuating Washer, Plain, .321 X 1.00 X .055 Bracket, Anti-Rotation Puck, Friction
34 35 36 37 38 39	134796 105925X 2228J 2231J 160944 124639X	Gear, Spur, 22T Gear, Spur 19T Washer, Plain, .640 X 1.37 X .061 Washer, Plain, .632 X 1.00 X .046 Washer, Plain, .632 X 1.00 X .031 Assy, Gear, Comb., 12T & 30T Shaft, Idler			Grease ent dimensions given in U.S. inches 4 mm

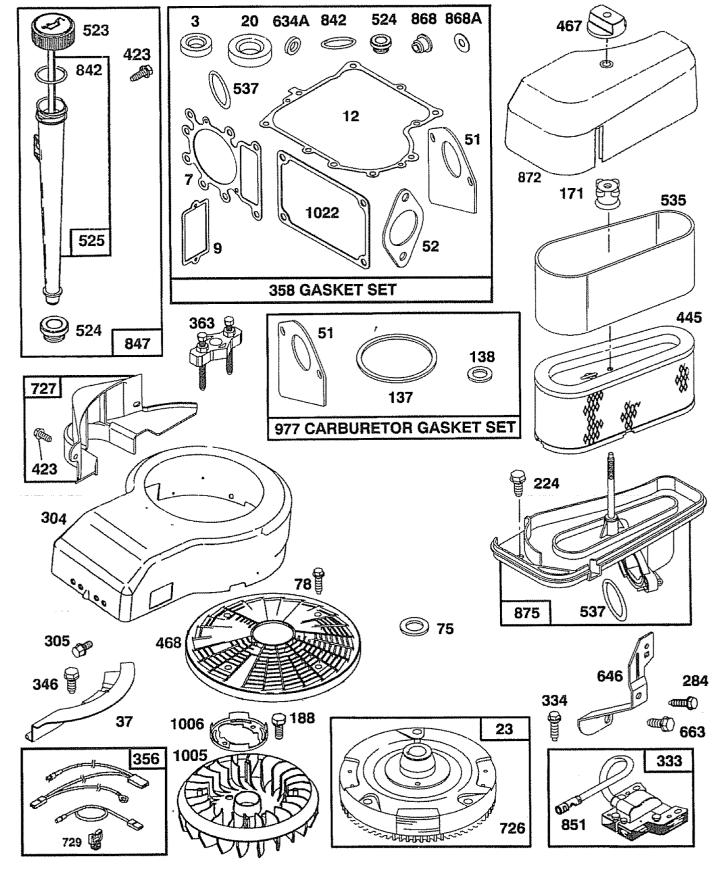
TRACTOR - - MODEL NUMBER 917.270610
BRIGGS & STRATTON ENGINE - MODEL NUMBER 28U707, TYPE NUMBER 1174-E1



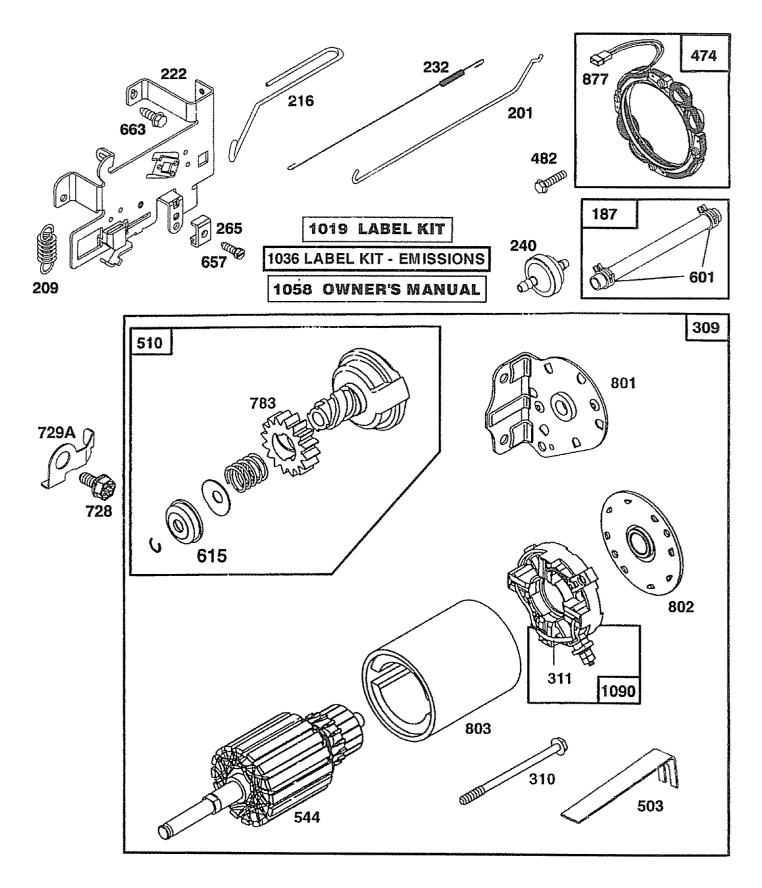
TRACTOR - - MODEL NUMBER 917.270610 BRIGGS & STRATTON ENGINE - MODEL NUMBER 28U707, TYPE NUMBER 1174-E1



TRACTOR - - MODEL NUMBER 917.270610
BRIGGS & STRATTON ENGINE - MODEL NUMBER 28U707, TYPE NUMBER 1174-E1



TRACTOR - - MODEL NUMBER 917.270610 BRIGGS & STRATTON ENGINE - MODEL NUMBER 28U707, TYPE NUMBER 1174-E1



TRACTOR - - MODEL NUMBER 917.270610

BRIGGS & STRATTON ENGINE - MODEL NUMBER 28U707, TYPE NUMBER 1174-E1

KEY NO.	PART NO.	DESCRIPTION	KEY PART NO. NO.	DESCRIPTION
1	496412	Cylinder Assembly	95 94098	** Screw, Throttle
2	399265	Bearing, Cylinder	98 495800	Screw, Idle Speed
3	391086	* Seal, Oil	104 231789	** Pin, Float Hinge
4	494238	Base, Engine	105 231855	** Valve Float
5	495858	Head, Cylinder	106 231854	** Seat, Inlet Valve
7	273280	*** Gasket, Cylinder Head	108 224558	Valve, Choke (Lmt 153)
8	495735	Breather Assembly	108A 22454	
9	27803	* Gasket, Valve Cover	111 262715	Spring Choke (Lmt 155)
10	94621	Screw, Sems	117 232118	** Jet, Needle Valve (Std.)
11	281246	Tube, Breather	232119	Jet, Needle Valve (Hi-Alt.)
12	271916	* Gasket, Crankcase Cover, .015"	121 499233	Carburetor Overhaul Kit
	271997	* Gasket, Crankcase Cover, .005"	123 94913	Screw, Elbow Mounting
	271996	* Gasket, Crankcase Cover, .009"	125 499153	Carburetor Assembly
13	94728	Screw, Cylinder Head	127	** Plug, Welch (Sold in Kit Only)
15	94239	Plug, Oil Drain	130 224539	Valve, Throttle
16	498971	Crankshaft	131 494379 133 494381	Shaft and Lever, Throttle Float, Carburetor
00	94196	Timing Gear Key	133 494361	**** Gasket, Float Bowl
20	291675	* Seal, Oil	138 281164	**** Washer, Bowl
22 23	94624	Screw, Serns, Base Mounting Flywheel and Ring Gear Assembly,	141 495097	Choke, Shaft Kit (Choke-A-Matic)
23	492326		141A 49593	
94	222698	Magneto Key, Flywheel	142 232117	** Nozzle, Carburetor
24 25	495860	Piston Assembly, Standard Size	146 94196	Key, Timing Gear
20	495977	Piston Assembly, 010" Oversize	164 214047	
	495978	Piston Assembly, .020" Oversize	166 94555	Stud, Rocker Arm
	495979	Piston Assembly, .030" Oversize	171 281051	Nut, Air Cleaner Mounting
26	495854	Ring Set, Piston, Standard Size	186 493496	
-~	495852	Ring Set, Piston, .010" Oversize	187 298099	
	495851	Ring Set, Piston, .020" Oversize	188 94627	Screw, Sems
	495855	Ring Set, Piston, .030" Oversize	192 492160	
27	263129	Lock, Piston Pin	201 262767	
28	498319	Pin Assy., Piston, Standard Size	209 260695	
	498320	Pin Assy., Piston, .005" Oversize	216 262766	
29	494504	Rod Assembly, Connecting	219 490815	
	495490	Rod Assembly, Connecting,	222 495611	Plate, Governor Control
		.020" Undersize Crankpin Bore	224 94905	Screw, Sems, Air Cleaner
32	94695	Screw, Hex Washer Head, 1-57/64	225 495157	
	94648	Screw, Hex Washer Head, 1-5/8	227 493935	
33	495856	Valve, Exhaust	230 94742 232 262785	Washer, Governor Crank
34	495857	Valve, Intake	238 262836	
35	262811	Spring, Valve Guard, Flywheel	240 394358	
37	224502	Retainer, Valve Spring	265 221535	Clamp, Casing
40 45	224641 262411	Tappet, Valve	284 94704	Screw, Hex Head
45 46	496884	Gear, Cam	£0-F 0-1701	wordty How Howa
51	272465	**** Gasket, Carburetor	* Include	d in Gasket Set (495993)
JI	212400	(Carburetor to Elbow)	11(0)000	
52	272569	*** Gasket, Carburetor	** Include	d in Carburetor Kit (499233)
W 5	L. 2000	(Elbow to Cylinder)		,
53	94637	Stud, Carburetor Mounting	*** Include	d in both Gasket Set (495993) and
75	225136	Washer, Spring		Overhaul Kit (495992)
78	94832	Screw, Pan Head		
87	491323	* Seal, Governor Shaft	**** Include	d in Gasket Set (495993), Carburetor Kit
93	281346	Bushing, Throttle Shaft	(49923	3) and Carburetor Gasket Set (494385)
94	498030	Valve, Needle		, , , , , , , , , , , , , , , , , , ,
			NOTE: All c	omponent dimensions given in U.S. inches
			1 inc	h = 25.4 mm

TRACTOR - - MODEL NUMBER 917.270610

BRIGGS & STRATTON ENGINE - MODEL NUMBER 28U707, TYPE NUMBER 1174-E1

KEY PART NO. NO.	DESCRIPTION	KEY PART NO. NO.	DESCRIPTION
294 810068	Screw, Set	729A 225170	Retainer, Wire
304 496280	Housing, Blower	741 262932	Gear, Timing
305 94786	Screw, Hex, Head,	757 213998	Link, Counterweight
	Blower Housing Mounting	758 399891	Counterweight Assembly
306 225020	Shield, Cylinder	759 298909	Pin, Counterweight
307 94930	Screw, Cylinder Shield	761 94593	Screw, Counterweight
309 497595	Motor, Starter	783 280104	Gear, Starter
310 497602 311 497608	Bolt, Thru Brush Set	801 394856 802 497605	Cap, Drive
333 495859	Armature, Magneto	803 497604	Cap, End Housing, Starter
334 94731	Screw, Sems, Armature Mounting	842 270920	* Seal, Oil Filler Cap
337 491055	Plug, Spark	847 496415	Fill Group, Oil
346 93705	Screw, Hex Head		Terminal, Ignition Cable
356 497708	Wire Assembly	868 494435 **	* Seal Assembly, Valve
358 495993	Gasket Set	868A 272610 *'	* Gasket, Valve
363 19203	Puller, Flywheel	871 262835	Bushing, Guide (Intake & Exhaust)
383 89838	Wrench, Spark Plug	872 281361	Cover, Air Cleaner
423 94903	Screw, Sems	875 495862	Body, Air Cleaner
445 493909	Cartridge, Air Cleaner	877 393456	Diode and Connector Assembly
467 493903 468 494439	Knob, Air Cleaner Screen, Flush Rotating	947 497672 965 94010	Solenoid
474 393474	Stator, Alternator	975 495933	Nut, Hex Bowl Assembly, Carburetor
482 93621	Screw, Sems	977 494385	Carburetor Gasket Set
503 806000	Strap, Starter	987 281166	* Seal, Throttle Shaft
510 497606	Drive, Starter	1005 281400	Fan, Flywheel
523 495230	Cap and Dipstick, Oil Filler	1006 224413	Retainer, Fan
524 281370	⁻ Seal, Filler Tube	1019 496758	Label Kit
525 496113	Tube, Oil Filler	1022 272475 **	** Gasket, Cover
535 272403	Element, Filter	1023 224552	Cover, Rocker Arm
537 281106 544 497603	* O-Ring, Air Cleaner Armature, Starter	1026 494432	Rod, Push, Intake
552 491986	Bushing, Governor Crank	495136 1029 224554	Rod, Push, Exhaust Arm, Rocker
562 94907	Bolt, Carriage	1033 495992	Valve Overhaul Kit
592 231978	Nut, Hex	1034 495248	Guide Assembly, Push Rod
601 93053	Clamp, Fuel Pipe	1036 499364	Label Kit, Emissions
614 93306	Pin, Cotter	1044 94673	Screw, Hex Head
615 263080	Retainer	1054 270723	Tie, Cable
618 262803	Spring, Choke Return	1058 272623	Manual, Owner's
634 494453	** Seal, Spring Assy.	1090 497607	Retainer, Brush
634A 494455	** Seal, Spring Assy.	1091 281364	Cap, Limiter
635 280872	Boot, Spark Plug	2500 28N/07-1020	Replacement Engine
646 224546 657 94906	Brace, Air Cleaner Screw, Sems		Replacement Shortblock
663 94620	Screw, Self-Tapping	RPM Settings: Lo	w: 1650-1850, High: 3200-3400
718 230192	Pin, Dowel	in wocangs. Lo	w. 1030-1630, Tilgil. 3200-3400
726 399676	Gear, Ring	* Included in G	asket Set (495993)
	(Includes Mounting Hardware)	2. Just him the san tale 19 6 Mark	
727 490324	Cover, Starter	** Included in C	arburetor Kit (499233)
728 94951	Screw, Torx®		· ·
729 281390	Clip, Wire	*** Included in bo	oth Gasket Set (495993) and
		valve Overna	iul Kit (495992)`

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

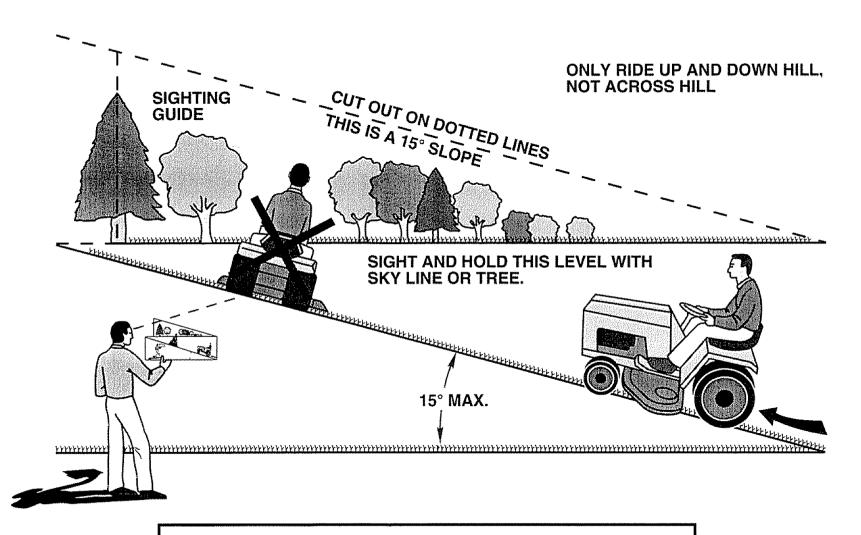
Included in Gasket Set (495993), Carburetor Kit (499233) and Carburetor Gasket Set (494385)

SERVICE NOTES

SERVICE NOTES

SERVICE NOTES

SUGGESTED GUIDE 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. 917.270610

IF YOU NEED REPAIR SERVICE OR PARTS:

FOR REPAIR SERVICE, CALL THIS TOLL FREE NUMBER:

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

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

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

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

1-800-659-5917

CRAFTSMAN®

15.5 HP IC ELECTRIC START 42" MOWER 6 SPEED TRANSAXLE LAWN TRACTOR

Each tractor has its own model number. Each engine has its own model number.

The model number for your tractor will be found on the model plate located under the seat.

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

All parts listed 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 917.270610
- ENGINE MODEL NO. 28U707, TYPE NO. 1174-E1
- PART NUMBER
- PART DESCRIPTION

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

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