

SEARS
OWNER'S
MANUAL

MODEL NO.
917.255540

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



CRAFTSMAN[®]
14.0 HP TWIN CYLINDER
ELECTRIC START
38" MOWER
6 SPEED TRANSAXLE
LAWN TRACTOR

- Assembly
- Operation
- Maintenance
- Service and Adjustment
- Repair Parts

SAFETY RULES



CAUTION: ALWAYS DISCONNECT SPARK PLUG WIRE AND PLACE WIRE WHERE IT CANNOT CONTACT SPARK PLUG TO PREVENT ACCIDENTAL STARTING WHEN SETTING-UP, TRANSPORTING, ADJUSTING OR MAKING REPAIRS.



IMPORTANT

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

TRAINING:

- Know the controls and how to stop quickly. Read this owner's manual and instructions furnished with attachments.
- Do not allow children to operate the machine. Do not allow adults to operate it without proper instruction.
- Do not carry passengers. Do not mow when children and others are around.
- Do not attempt to operate your vehicle or mower when not in the driver's seat.
- Always get on or off your vehicle from the operator's left hand side.
- The vehicle and attachments should be stopped and inspected for damage after striking a foreign object, and the damage should be repaired before restarting and operating the equipment.
- Never mow in wet or slippery grass, when traction is unsure, or at a speed which could cause a skid.
- Stay alert for holes in the terrain and other hidden hazards. Keep away from drop-offs.
- Do not drive too close to creeks, ditches, and public highways.
- Exercise special care when mowing around fixed objects in order to prevent the blades from striking them. Never deliberately run vehicle or mower into or over any foreign objects.
- Never shift gears until vehicle comes to a stop.
- Never place hands or feet under the mower, in discharge chute, or near any moving parts while vehicle or mower is running. Always keep clear of discharge chute.
- Use care when pulling loads or using heavy equipment.
 - Use only approved drawbar hitch points.
 - Limit loads to those you can safely control.
 - Do not turn sharply. Use care when backing.
 - Use counterweight or wheel weights when suggested in owner's manual.
- Watch out for traffic when crossing or near roadways.
- When using any attachments, never direct discharge of material toward bystanders nor allow anyone near the vehicle while in operation.
- Except for adjustments, do not operate engine if air cleaner or cover directly over carburetor air intake is removed. Removal of such part could create a fire hazard.
- Do not change the engine governor settings or overspeed the engine; severe damage or injury may result.
- When using the vehicle with mower, proceed as follows:
 - Mow only in daylight or in good artificial light.
 - Shut the engine off when unclogging chute.
 - Check the blade mounting bolts for proper tightness at frequent intervals.
- Disengage power to mower before backing up. Do not mow in reverse unless absolutely necessary and then only after careful observation of the entire area behind the mower.

PREPARATION:

- Always wear substantial footwear. Do not wear loose fitting clothing that could get caught in moving parts.
- Clear the work area of objects (wire, rocks, etc.) which might be picked up and thrown.
- Disengage all attachment clutches before attempting to start the engine.
- Handle gasoline with care - it is highly flammable.
 - Use approved gasoline containers.
 - Never remove the fuel cap of the fuel tank or add gasoline to a running or hot engine or an engine that has not been allowed to cool for several minutes after running. Never fill tank indoors. Always clean up spilled gasoline.
 - Open doors if the engine is run in the garage - exhaust fumes are dangerous. Do not run the engine indoors.
- Do not operate the mower without the entire grass catcher, on mowers so equipped, or the deflector shield in place.

OPERATION:

- Keep your eyes and mind on your vehicle, mower, and the area being cut. Do not let other interests distract you.
- Disengage power to attachments and stop the engine before leaving the operator's position.
- Disengage power to mower, stop the engine, and disconnect spark plug wire(s) from spark plug(s) before cleaning, making an adjustment, or repair. Be careful to avoid touching hot muffler or engine components.
- Disengage power to attachments when transporting or not in use.
- Take all possible precautions when leaving the vehicle unattended. Disengage the power take-off, lower the attachments, shift into neutral, set the parking brake, stop the engine, and remove the key.
- Do not stop or start suddenly when going uphill or downhill. Mow up and down the face of slopes (not greater than 15°), never across the face.
- Reduce speed on slopes and make turns gradually to prevent tipping or loss of control. Exercise extreme caution when changing direction on slopes.
- While going up or down slopes, place gearshift control lever in 1st gear position to negotiate the slope without stopping.

MAINTENANCE AND STORAGE

- Keep the vehicle and attachments in good operating condition, and keep safety devices in place and working.
- Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
- Never store the equipment 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.
- To reduce fire hazard, keep the engine free of grass, leaves, or excessive grease. Do not clean product while engine is running.
- Do not operate without a muffler, or tamper with exhaust system. Damaged mufflers or spark arresters could create a fire hazard. Inspect periodically and replace if necessary.
- Under normal usage the grass catcher bag material is subject to deterioration and wear. It should be checked frequently for bag replacement. Replacement bags should be checked to ensure compliance with the original manufacturer's recommendations or specifications.



LOOK FOR THIS SYMBOL TO POINT OUT IMPORTANT SAFETY PRECAUTIONS. IT MEANS - ATTENTION!!! BECOME ALERT!!! YOUR SAFETY IS INVOLVED.

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

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

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

MODEL NUMBER	917.255540
SERIAL NUMBER	_____
DATE OF PURCHASE	_____
THE MODEL AND SERIAL NUMBERS WILL BE FOUND ON A PLATE UNDER THE SEAT.	
YOU SHOULD RECORD BOTH SERIAL NUMBER AND DATE OF PURCHASE AND KEEP IN A SAFE PLACE FOR FUTURE REFERENCE.	

MAINTENANCE AGREEMENT

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

CUSTOMER RESPONSIBILITIES

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

PRODUCT SPECIFICATIONS

HORSEPOWER:	14.0
GASOLINE CAPACITY:	2 GALLONS UNLEADED REGULAR
OIL (3.0 PINTS w/o filter) (3.5 PINTS w/filter)	SAE 30 (or 10W-30) WINTER: SAE 5W-30
SPARK PLUG (GAP.030 IN.):	CHAMPION RJ-19LM STD361458
VALVE CLEARANCE:	INTAKE .004 - .006 IN. EXHAUST .004 - .006 IN.
GROUND SPEED:	FORWARD 1st 1.01 MPH 2nd 2.07 MPH 3rd 3.11 MPH 4th 3.96 MPH 5th 5.07 MPH 6th 5.10 MPH REVERSE: 1.35 MPH
TIRE PRESSURE:	FRONT: 14 PSI REAR: 10 PSI
CHARGING SYSTEM:	16 AMPS @3600 RPM
BLADE BOLT TORQUE:	30-35 FT. LBS.

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

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

LIMITED TWO YEAR WARRANTY ON ELECTRIC START RIDING EQUIPMENT

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

This Warranty does not cover:

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

FULL 90 DAY WARRANTY ON BATTERY

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

WARRANTY SERVICE IS AVAILABLE BY CONTACTING THE NEAREST SEARS SERVICE CENTER/DEPARTMENT IN THE UNITED STATES. THIS WARRANTY APPLIES ONLY WHILE THIS PRODUCT IS IN USE IN THE UNITED STATES.

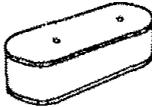
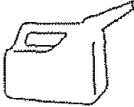
This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

SEARS, ROEBUCK AND CO., D/731CR-W SEARS TOWER, CHICAGO, IL 60684

ACCESSORIES AND ATTACHMENTS

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

ENGINE

SPARK PLUG	MUFFLER	AIR FILTER	GAS CAN	ENGINE OIL	STABILIZER
					

MAINTENANCE

BLADES	BELTS
	

PERFORMANCE

Sears offers a wide variety of attachments that fit your vehicle. 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 unit.**

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

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

LAWN SWEEPERS let you collect grass clippings and leaves.

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

CARTS make hauling easy. Variety of sizes available

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

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

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

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

DETHATCHER loosens soil and flips thatch and matted leaves to lawn surface for easy pick up. Twenty spring tine teeth. Useful to prepare bare areas for seeding. Available for front or rear mounting.

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

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

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

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

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

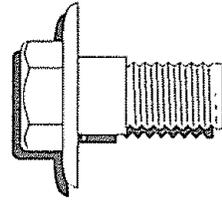
TRACTOR CAB has heavy duty vinyl fabric over tubular steel frame, ABS plastic top; clear plastic windshield offers 360 degree visibility. Hinged metal doors with catch. Keeps operator warm and dry. Remove vinyl and windshields for use as sun protector in summer.

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

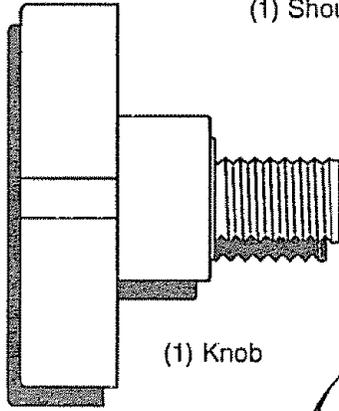
TRACTOR COVER protects tractor from weather. Made of Evolution 3 fabric (water-repellent, extremely breathable, light weight, soft, non-abrasive, pliable in all temperatures, durable, stain/tear/puncture resistant, will not shrink or stretch).

CONTENTS OF HARDWARE PACK

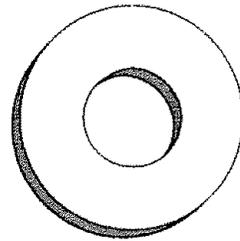
Parts Bag contents shown full size



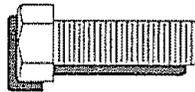
(1) Shoulder Bolt 5/16-18



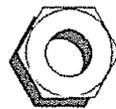
(1) Knob



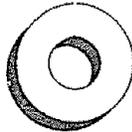
(1) Washer 17/32 x 1-3/16 x 12 Ga.



(2) Hex Bolts 1/4 - 20 x 3/4



(2) Hex Nuts 1/4 - 20



(2) Washers 9/32 x 5/8 x 16 Ga.

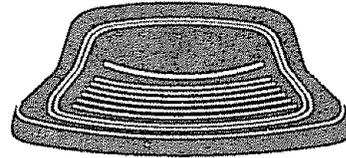


(2) Lockwashers 1/4

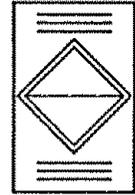


(2) Wing Nuts 1/4 - 20

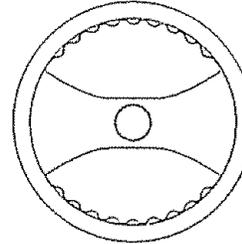
Parts packed separately in carton



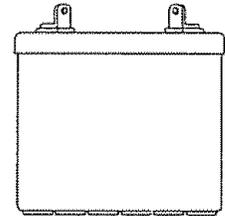
Seat



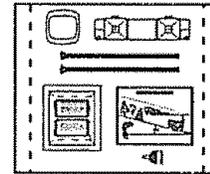
Battery acid



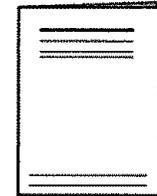
Steering Wheel



Battery



Parts Bag

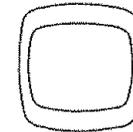


Owner's Manual

Parts bag contents not shown full size



(2) Keys



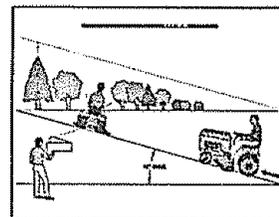
Steering Wheel Insert



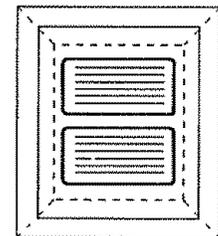
(2) Battery Carriage Bolts 1/4-20 x 7-1/2



Terminal Guard



15° Slope Sheet



Battery Caps and Instructions

ASSEMBLY

TOOLS REQUIRED FOR ASSEMBLY

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

- (2) 7/16" wrenches
- (1) Tire Pressure Gauge
- (1) 9/16" wrench
- (1) Screwdriver
- (1) 1/2" wrench
- (1) Utility Knife

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 UNIT FROM CARTON

UNPACK CARTON

- Remove all loose parts from carton (See page 6).
- Cut, from top to bottom, all four corners of carton and lay panels flat.

ATTACH STEERING WHEEL (See FIG. 1)

- Remove hex nut and large flat washer from steering shaft.
- Position front wheels of the tractor so they are pointing straight forward.
- Position steering wheel so cross bars are horizontal (left to right) and slide onto adapter.
- Secure steering wheel to steering shaft with hex nut and large flat washer previously removed. Tighten securely.
- Snap insert into center of steering wheel.
- Remove protective plastic from tractor hood.

BEFORE ROLLING UNIT OFF SKID (See FIG. 2)

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

- Raise attachment lift lever to its highest position.
- Release parking brake by depressing clutch/brake pedal.
- Place gearshift lever in "NEUTRAL" position.
- Roll unit backwards off skid.

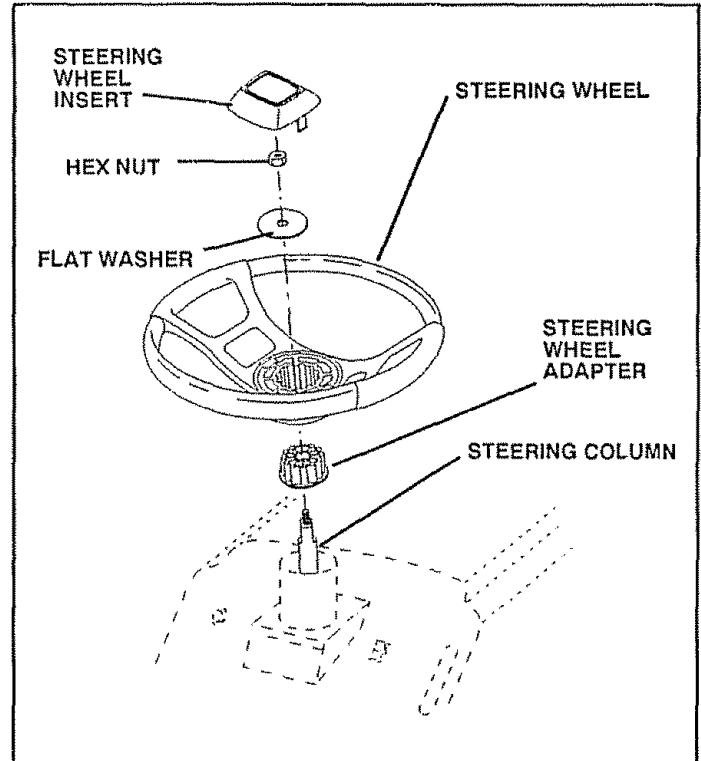


FIG. 1

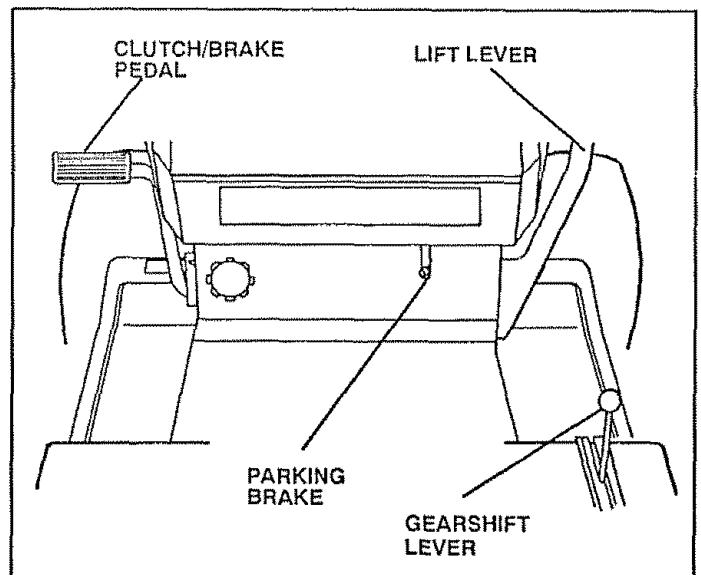
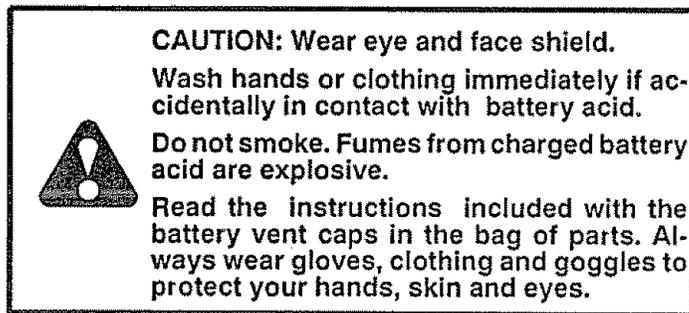


FIG. 2

ASSEMBLY

HOW TO SET UP YOUR TRACTOR

PREPARE BATTERY (See FIG. 3)



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

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

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

- To maximize the life of your battery, it is necessary that the battery be charged before use. Use a 12 volt battery charger. Charge battery at a rate of 6 amperes for 1 hour. Observe all safety precautions required for battery charging. Failure to charge battery can result in a shortened battery life.
- Check the acid level after the battery is charged. If the acid has fallen below the correct level, add distilled or iron free water.
- Install the vent caps to cover the vent wells. Wash the top of the battery with water to remove any acid, then wipe dry.
- Check battery case for leakage to make sure that no damage has occurred in handling.
- Dispose of excess battery acid. Neutralize acid for disposal by adding it to four inches of water in a five gallon plastic container (11 cm water in a 19 litre container). Stir with a wooden or plastic paddle while adding baking soda until the addition of more soda causes no more foaming.
- Follow instructions on how to install battery.

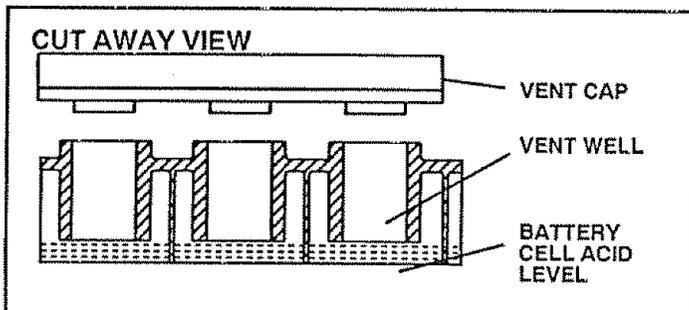


FIG. 3

INSTALL SEAT (See FIG. 4)

Adjust seat before tightening adjustment knob.

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

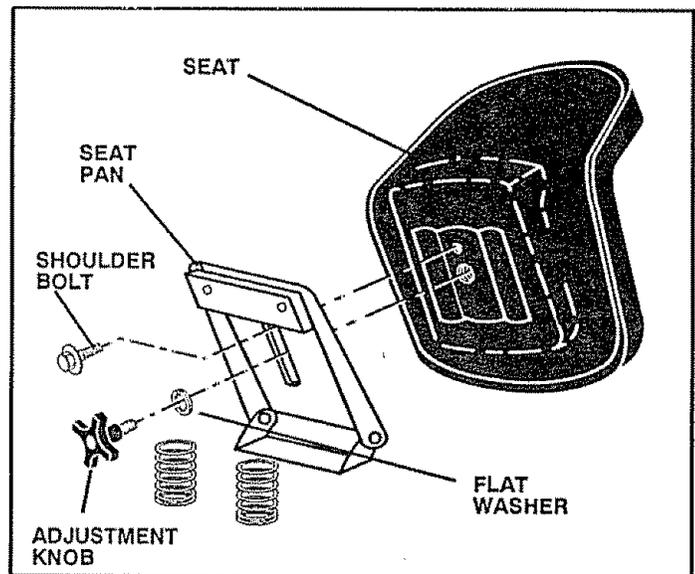


FIG. 4

CHECK TIRE PRESSURE

The tires on your unit 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, mower drive, and mower blade drive belts in the Service and Adjustments section of this manual. Verify that the belts are routed correctly.

ASSEMBLY

CHECK BRAKE SYSTEM

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

INSTALL BATTERY (See FIGS. 5 & 6)



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

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

- Raise hood.
- Lift out air intake duct.
- Make sure drain tube is fastened to drain hole in battery tray and battery tray is positioned in hole of battery support.
- Place battery in plastic tray, battery terminals to front of tractor.
- First connect RED battery cable to positive (+) battery terminal with hex bolt, flat washer, lockwasher and hex nut as shown. Tighten securely.
- Connect BLACK grounding cable to negative (-) battery terminal with remaining hex bolt, flat washer, lockwasher and hex nut. Tighten securely.
- Slide the two battery bolts through terminal guard and start wing nuts onto threads.
- Position terminal guard over battery as shown, lower bolts into key holes and slide square shafts of bolts into slots of key holes.
- Tighten wing nuts by hand making sure battery bolts remain in slots of key holes in battery support.
- Replace air intake duct. Make sure bottom lip of air duct sits between battery and lip of battery tray.
- Be sure terminal access doors are closed.

Use terminal access doors for:

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

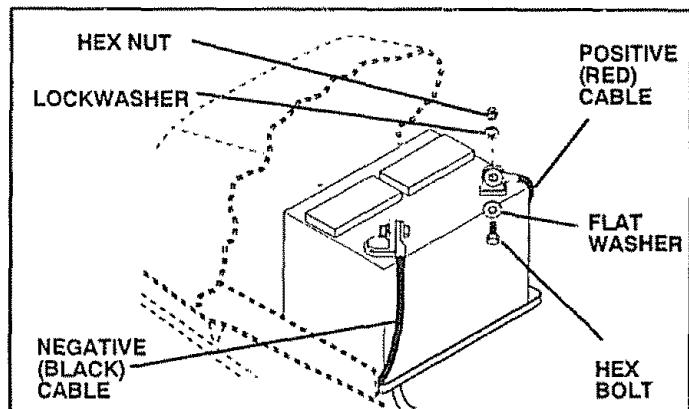


FIG. 5

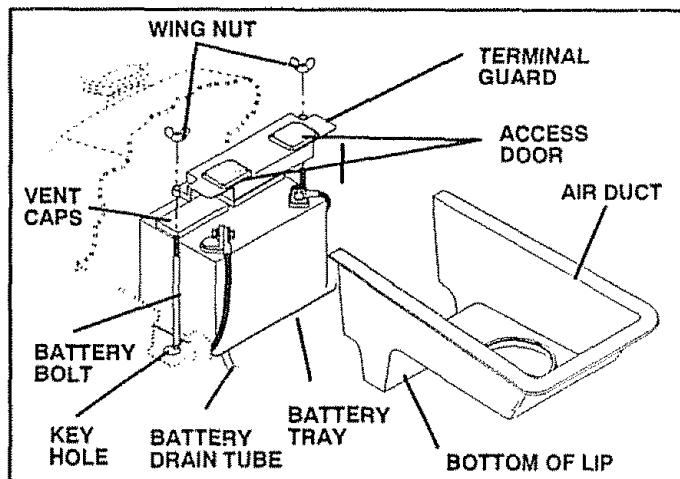


FIG. 6

✓ CHECKLIST

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

PLEASE REVIEW THE FOLLOWING CHECKLIST:

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

OPERATION

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.

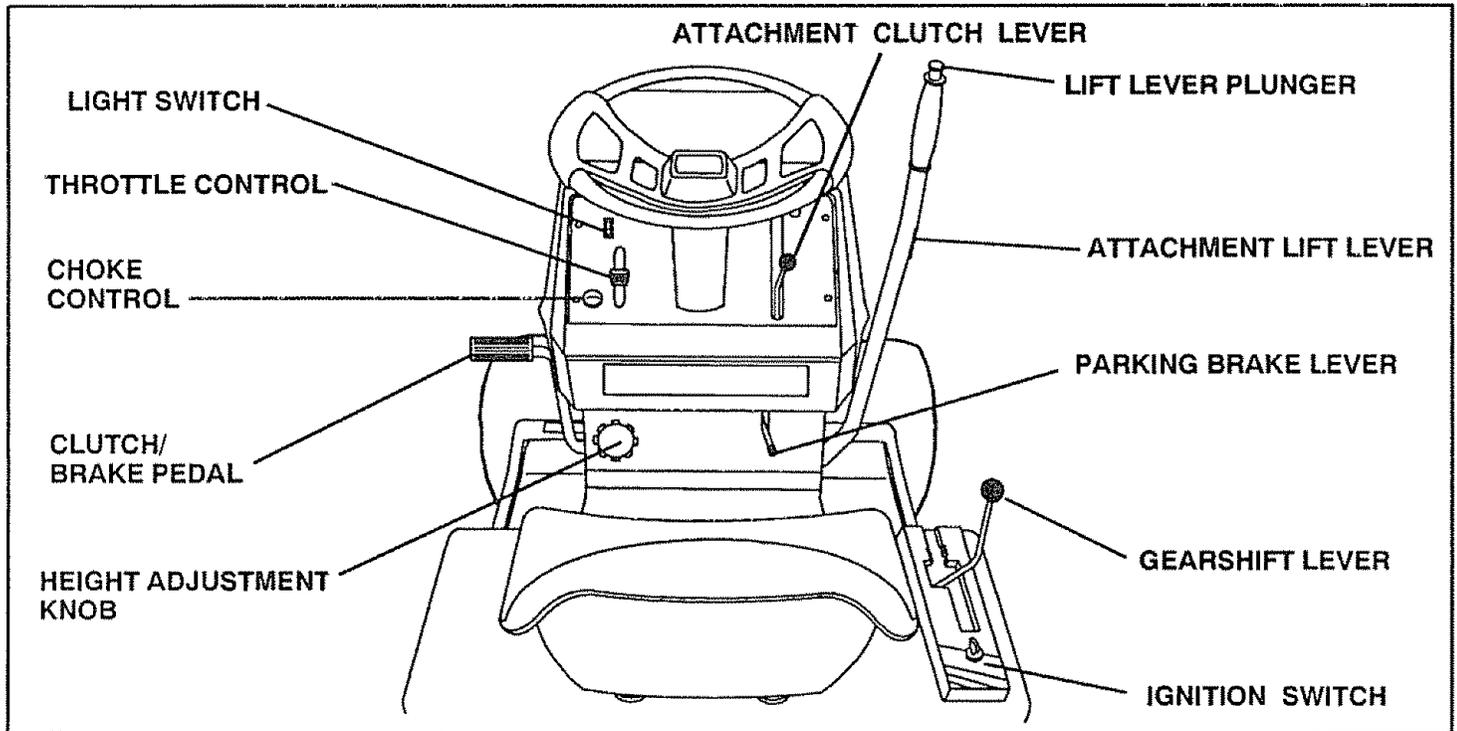


FIG. 7

ATTACHMENT CLUTCH LEVER – Used to engage mower blades or other attachments mounted to your tractor.

ATTACHMENT LIFT LEVER – Used to raise and lower the attachment mounted to your tractor.

CLUTCH/BRAKE PEDAL – Used for declutching and braking the tractor.

HEIGHT ADJUSTMENT KNOB – Used to adjust the mower height.

LIGHT SWITCH – Turns the headlights on and off.

GEARSHIFT LEVER – Selects the speed and direction of the tractor.

THROTTLE CONTROL – Used to control engine speed.

IGNITION – Used to start and stop the engine.

PARKING BRAKE LEVER – Locks clutch/brake pedal into the brake position.

CHOKE CONTROL – Used when starting a cold engine.

⚠ CAUTION TO AVOID INJURY

- READ OWNER'S MANUAL.
- KNOW LOCATION AND FUNCTION OF ALL CONTROLS.
- KEEP GUARDS, SAFETY SHIELDS AND SWITCHES IN PLACE AND WORKING.
- REMOVE OBJECTS THAT CAN BE THROWN BY BLADES.
- DO NOT MOW WHEN CHILDREN AND OTHERS ARE AROUND.
- NEVER CARRY CHILDREN OR PASSENGERS.
- ALWAYS LOOK BEHIND MACHINE BEFORE BACKING.
- DO NOT MOW WHERE MACHINE CAN TIP OR SLIP.
- IF MACHINE STOPS GOING UPHILL, STOP BLADE AND BACK DOWN SLOWLY.
- BE SURE BLADES AND ENGINE HAVE STOPPED BEFORE PLACING HANDS OR FEET NEAR THE BLADES.
- REMOVE KEY WHEN LEAVING MACHINE.

OPERATION



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 before performing any adjustments or repairs. We recommend wide vision safety mask for over the spectacles or standard safety glasses.

HOW TO USE YOUR TRACTOR

TO SET PARKING BRAKE (See FIG. 8)

- 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 vehicle secure.

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" position.

ENGINE –

- Move throttle control to "SLOW" position.
- Turn ignition key to "OFF" position and remove key. Always remove key when leaving vehicle to prevent unauthorized use.
- Never use choke to stop engine.

TO USE CHOKE CONTROL (See FIG. 8)

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

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

TO USE THROTTLE CONTROL (See FIG. 8)

Always operate engine at full throttle.

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

TO MOVE FORWARD AND BACKWARD (See FIG. 8)

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

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

IMPORTANT: BRING TRACTOR TO A COMPLETE STOP BEFORE SHIFTING OR CHANGING GEARS.

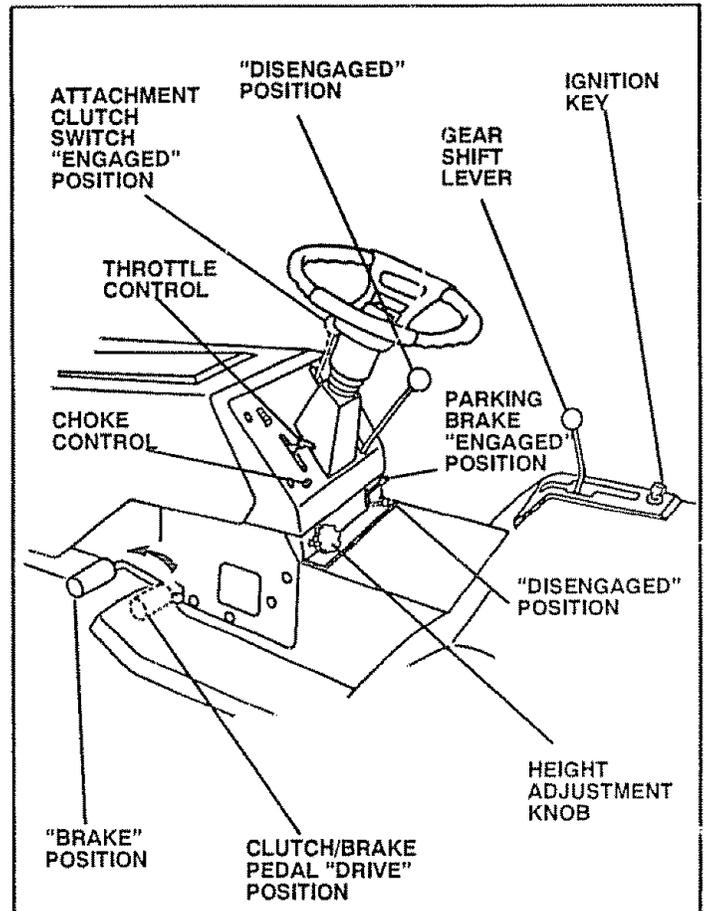


FIG. 8

TO ADJUST MOWER CUTTING HEIGHT (See FIG. 8)

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

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

The cutting height range is approximately 1–1/4" to 3–3/4". 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 approximately 2–1/2" during the cool season and over 3" during hot months. For healthier and better looking lawns, mow often and after moderate growth.
- For best cutting performance, grass over 6" in height should be mowed twice. Make the first cut relatively high; the second to desired height.

OPERATION

TO OPERATE MOWER (See FIG. 8 & 9)

Your unit 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, using height adjustment knob
- Lower attachment lift lever.
- Engage mower by slowly moving attachment clutch lever to "ENGAGED" position.
- TO STOP MOWER – Move attachment clutch lever to "DISENGAGED" position.
- Raise attachment lift lever.



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

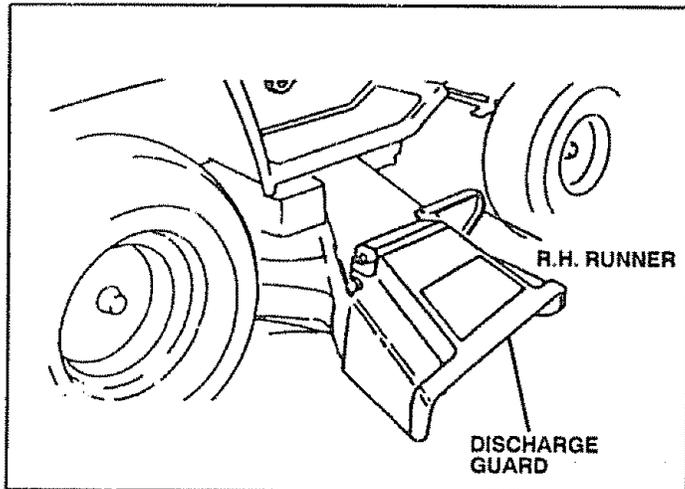


FIG. 9

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

TO TRANSPORT

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

BEFORE STARTING THE ENGINE

CHECK ENGINE OIL LEVEL (See FIG. 10)

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

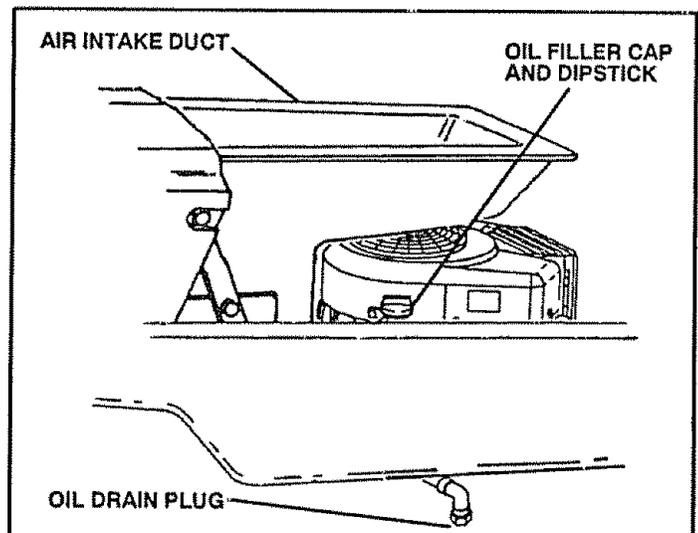


FIG. 10

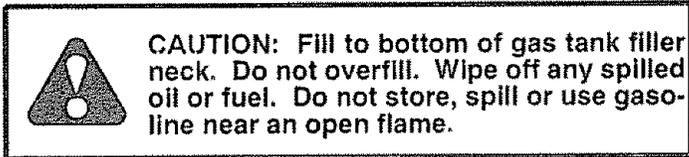
OPERATION

ADD GASOLINE

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

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

WARNING: Experience indicates that alcohol blended fuels (called gasohol or using ethanol or methanol) can attract moisture which leads to separation and formation of acids during storage. Acidic gas can damage the fuel system of an engine while in storage. To avoid engine problems, the fuel system should be emptied before storage of 30 days or longer. Drain the gas tank, start the engine and let it run until the fuel lines and carburetor are empty. Use fresh fuel next season. See Storage section of this manual for additional information. Never use engine or carburetor cleaner products in the fuel tank or permanent damage may occur.

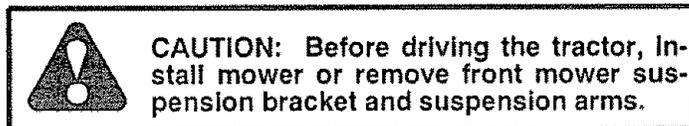


TO START ENGINE (See FIG. 8)

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

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

NOTE: If at a high altitude (above 3000 feet) or in cold temperatures (below 32°F or 0°C), 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 unit.
- Mower should be properly leveled for best mowing performance. See "TO LEVEL MOWER HOUSING" in the Service and Adjustments section of this manual.
- Use the runner on the right hand side of mower as a guide. The blade cuts approximately an inch outside the runner (See FIG. 9).
- 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. 11).

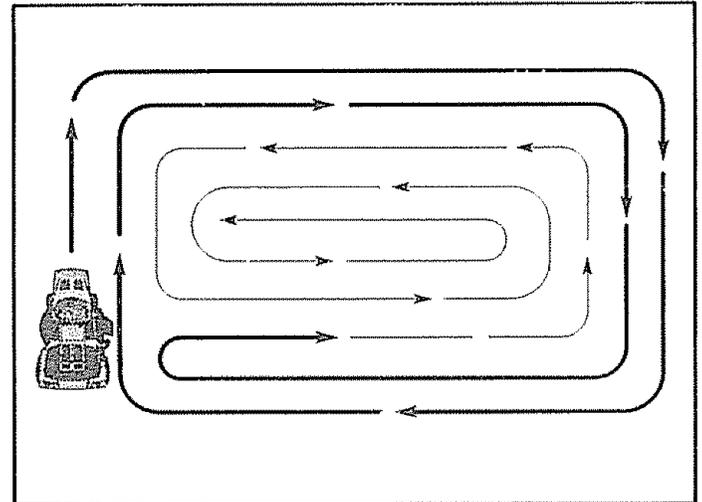


FIG. 11

- If grass is extremely tall, it should be mowed twice to reduce load and possible fire hazard from dried clippings. Make first cut relatively high, the second to the desired height.
- Do not mow grass when it is wet. Wet grass will plug mower and leave undesirable clumps. Allow grass to dry before mowing.
- Always operate engine at full throttle when mowing to assure better mowing performance and proper discharge of material. Regulate ground speed by selecting a low enough speed 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.

MAINTENANCE

MAINTENANCE SCHEDULE		SERVICE INTERVALS							SERVICE DATES				
FILL IN DATES AS YOU COMPLETE REGULAR SERVICE		BEFORE EACH USE	FIRST 2 HOURS	EVERY 8 HOURS	EVERY 25 HOURS	EVERY 50 HOURS	EVERY 100 HOURS	BEFORE SEASON	BEFORE STORAGE				
TRACTOR	Check Brake Operation	✓	✓										
	Check Tire Pressure	✓	✓										
	Check for Loose Fasteners	✓						✓					
	Sharpen/Replace Mower Blades				✓ ³								
	Lubricate Pivot Points				✓			✓					
	Check Battery Level/Recharge				✓			✓					
	Clean Battery and Terminals				✓			✓					
ENGINE	Check Engine Oil Level	✓											
	Change Engine Oil		✓		✓ ^{1,2}								
	Clean Air Filter/Foam Pre-cleaner				✓ ²								
	Clean Air Screen				✓ ²								
	Inspect Muffler/Spark Arrester				✓								
	Change Engine Oil Filter					✓ ^{1,2}	✓						
	Clean Engine Cooling Fins					✓ ²	✓						
	Replace Spark Plug					✓	✓						
	Replace Air Filter Paper Cartridge					✓ ²	✓						
	Replace Fuel Filter						✓						

- 1 - Change more often when operating under a heavy load or in high ambient temperatures
- 2 - Service more often when operating in dirty or dusty conditions
- 3 - Replace blades more often when mowing in sandy soil

GENERAL RECOMMENDATIONS

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

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

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

- Once a year 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.

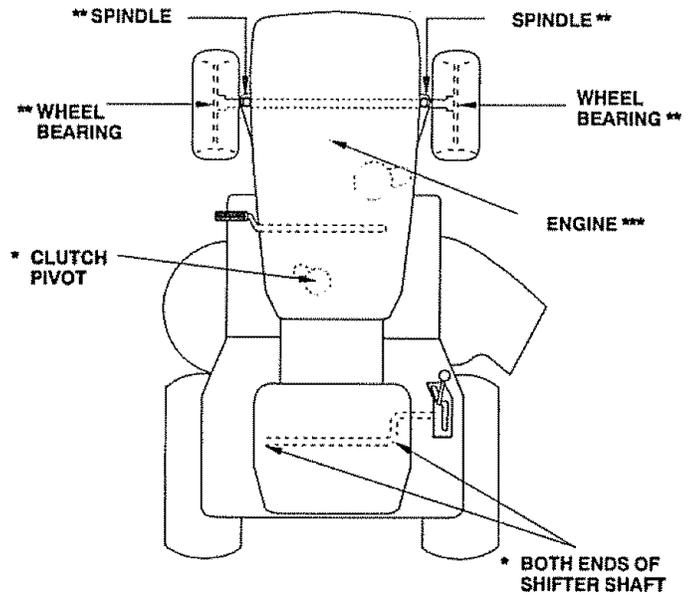
BEFORE EACH USE

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

LUBRICATION

Keep unit well lubricated (See "LUBRICATION CHART")

LUBRICATION CHART



- * SAE 30 or 10W30 MOTOR OIL API - SF/CC
- ** EXTREME PRESSURE LUBRICATING GREASE
- *** REFER TO ENGINE MAINTENANCE SECTION

IMPORTANT: Do not oil or grease the pivot points which have special nylon bearings. Viscous lubricants will attract dust and dirt that will shorten the life of the self-lubricating bearings. If you feel they must be lubricated, use only a dry, powdered graphite type lubricant sparingly.

MAINTENANCE

TRACTOR

Always observe safety rules when performing any maintenance.

TIRES

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

BLADE CARE

For best results mower blades must be kept sharp. The blades can be sharpened with a file or on a grinding wheel. We suggest they be sharpened or replaced after every 25 hours of mowing. Check blades more often if mowing in sandy conditions.

- Do not attempt to sharpen blades while they are on the mower.
- Replace bent or damaged blades.

BLADE REMOVAL (See FIG. 12)

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

IMPORTANT: BLADE BOLT IS GRADE 5 HEAT TREATED.

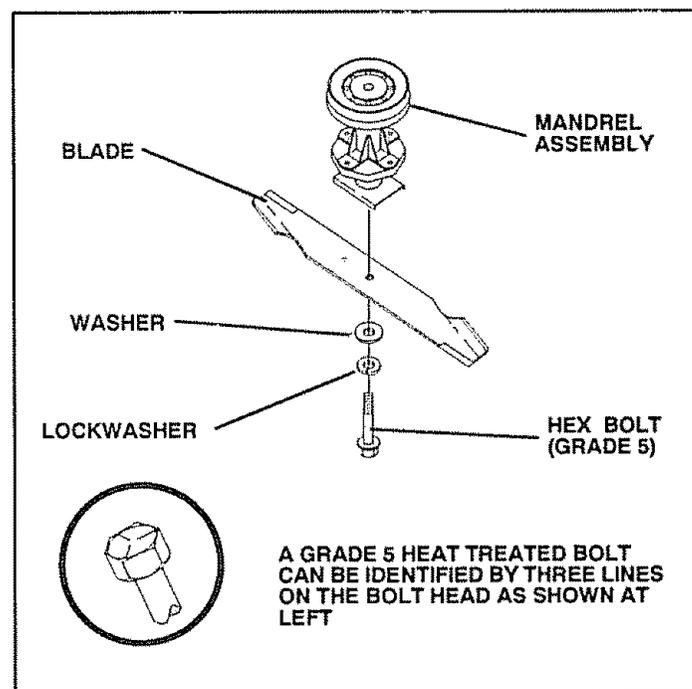


FIG. 12

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, drive a nail into a beam or wall. Leave about one inch of the straight nail exposed. Place center hole of blade over the head of the nail. If blade is balanced, it should remain in a horizontal position. If either end of the blade moves downward, sharpen the heavy end until the blade is balanced.

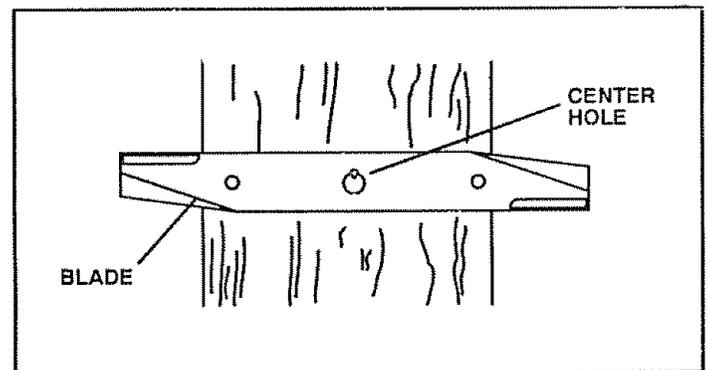


FIG. 13

BATTERY (See FIG. 14)

Your unit 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.

- Acid solution level in each battery cell should be even with bottoms of vent wells. Add only distilled or iron-free water if necessary. Do not overfill.

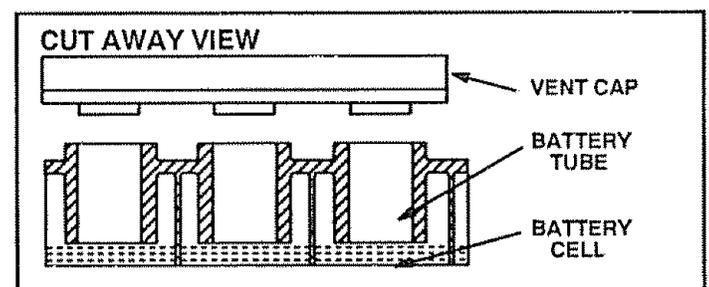


FIG. 14

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

MAINTENANCE

TO CLEAN BATTERY AND TERMINALS –

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

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

ENGINE

LUBRICATION

Change the oil after the first two hours of operation and every 50 hours thereafter or at least once a year if the tractor is not used for 50 hours in one year.

Check the crankcase oil level before starting the engine and after each five (5) hours of continuous use. Add SAE 30W motor oil or equivalent. Tighten oil fill cap/dipstick securely each time you check the oil level. SAE 5W-30 motor oil may be used to make starting easier in areas where temperature is consistently 32° F (0°C) or lower.

TO CHANGE ENGINE OIL (See FIGS. 15 and 16)

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

- Be sure vehicle is on level surface.
- Oil will drain more freely when warm.
- Catch oil in a suitable container.
- Remove oil fill dipstick. Be careful not to allow dirt to enter the engine when changing oil.
- Remove drain plug.

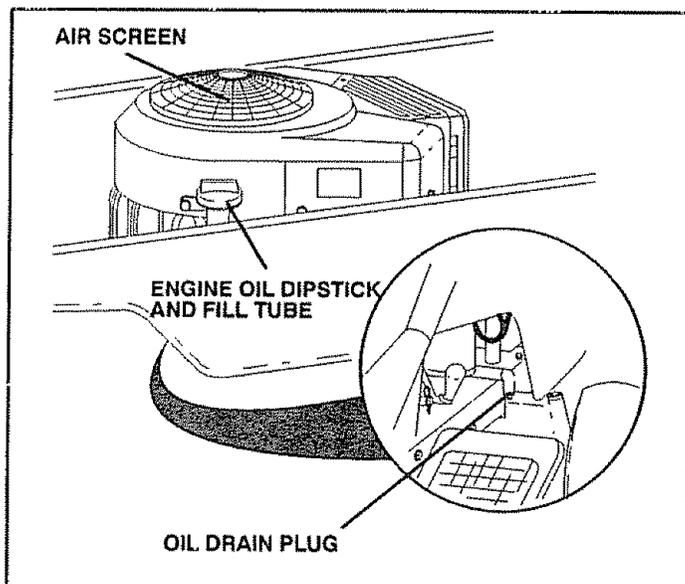


FIG. 15

- After oil has drained completely, replace oil drain plug and tighten securely.
- Refill engine with oil through oil fill dipstick tube. Pour slowly. Do not overfill. For approximate capacity see "PRODUCT SPECIFICATIONS" on page 3 of this manual.
- Use gauge on oil fill dipstick for checking level. Be sure dipstick cap is tightened securely for accurate reading. Keep oil at "FULL" line on dipstick.

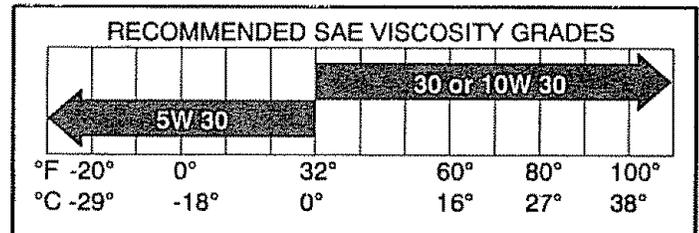


FIG. 16

CLEAN AIR SCREEN (See FIG. 15)

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

CLEAN ENGINE COOLING FINS (See FIG. 17)

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

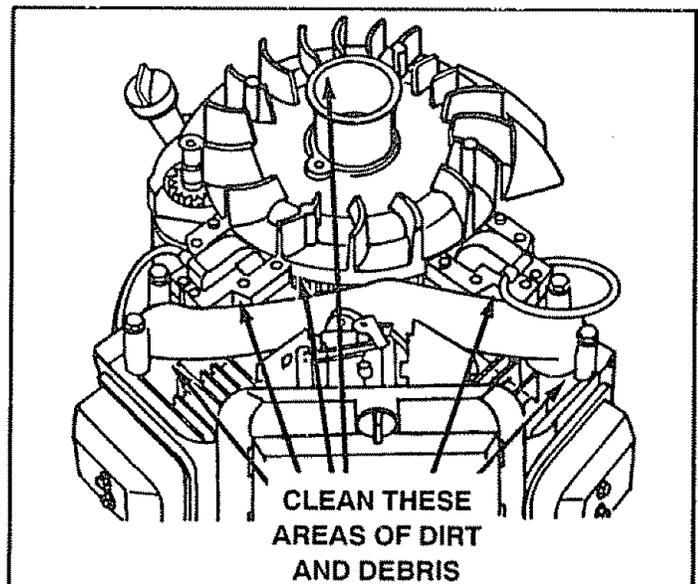


FIG. 17

MAINTENANCE

AIR FILTER FOAM PRE-CLEANER (See FIG. 18)

Your engine will not run properly and may be damaged by using a dirty air filter. Clean the foam pre-cleaner element after every 25 hours of operation, more often if tractor is used in very dusty, dirty conditions.

- Unscrew knob and open cover.
- Remove cartridge and foam pre-cleaner.

NOTE: Do not attempt to clean or oil the paper cartridge. Replace paper cartridge once a year or after every 100 hours of operation, more often if used in very dusty or dirty conditions.

- Wash foam pre-cleaner in liquid detergent and water.
- Wrap foam pre-cleaner in cloth and squeeze dry.
- Lightly coat foam pre-cleaner with clean engine oil. Squeeze in towel to remove excess oil. Do not saturate.
- Install foam pre-cleaner in cover.
- Install cartridge in cover with tabs on cartridge in slots on cover. Use new cartridge if old one is dirty or wet.
- Close cover and tighten knob securely.

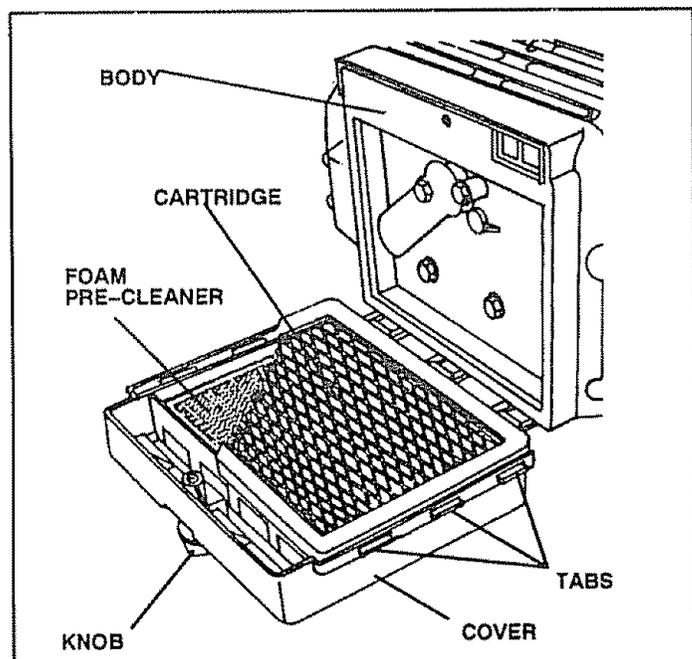


FIG. 18

MUFFLER

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

SPARK PLUGS

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

ENGINE OIL FILTER (See FIG. 19)

Replace the engine oil filter every season or every other oil change if the tractor is used more than 100 hours in one year.

- Unscrew old filter by turning counterclockwise. Use a suitable container to catch oil.
- Apply a thin coating of new engine oil to rubber gasket on replacement oil filter.
- Install replacement oil filter on filter adapter. Turn oil filter clockwise until rubber gasket contacts filter adapter, then tighten filter an additional 1/2 to 3/4 turn.
- Fill crankcase with new oil (See "TO CHANGE ENGINE OIL"). For approximate capacity see "PRODUCT SPECIFICATIONS" on page 3 of this manual
- Start engine and check for oil leaks. Correct any leaks before placing engine into full operation.

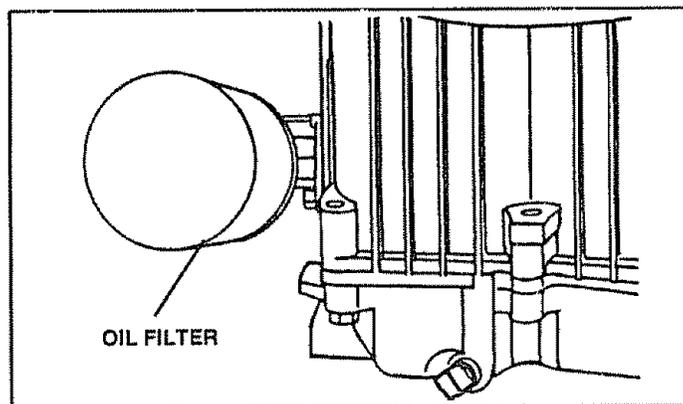


FIG. 19

IN-LINE FUEL FILTER (See FIG. 20)

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

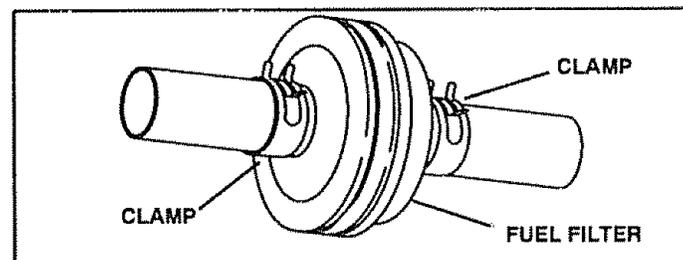


FIG. 20

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 unit 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.

SERVICE AND ADJUSTMENTS

CAUTION: BEFORE PERFORMING ANY SERVICE OR ADJUSTMENTS:



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

TRACTOR

TO REMOVE MOWER (See Fig. 21)

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

- Remove mower blade drive belt from engine pulley only (See "TO REPLACE MOWER BLADE DRIVE BELT" through step removing belt from electric clutch pulley).
- Remove retainer spring from clutch rod; pull clutch rod out of clutch lever.
- Pull retainer springs out of rear suspension trunnions. Remove rear suspension trunnions from lift brackets.
- Pull retainer springs from front hinge pins.
- Remove hinge pins attaching parallel link to mower and front axle.
- Raise lift lever to raise suspension arms. Slide mower out from under tractor.

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

TO INSTALL MOWER (See Fig. 21)

- Raise attachment lift lever to its highest position.
- Turn height adjustment knob to lowest setting.
- Slide mower under tractor with discharge guard to right side of tractor.
- Install parallel link to front axle and mower with hinge pins. Secure hinge pins with retainer springs.
- Lower attachment lift lever to lower suspension arms. Slide trunnions through lift bracket holes and secure with retainer springs.
- Roll belt over electric clutch pulley. Make sure belt is inside all pulley grooves and inside belt guides.
- Raise attachment lift lever to raise mower.
- Turn height adjustment knob to desired setting.

TO LEVEL MOWER HOUSING

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

SIDE-TO-SIDE ADJUSTMENT (See Figs. 22 and 23) -

- Raise attachment lift lever to its highest position.
- Measure height from bottom of deck curl to ground level at front corners of mower. Distance "A" should be the same.
- If distance "A" needs to be changed, snap out access hole cover on left side of tractor above footrest.
- To raise left side of mower, loosen nut "B" and tighten nut "C".
- To lower left side of mower, loosen nut "C" and tighten nut "B".
- When distance "A" is equal, securely tighten nuts "B" and "C".
- Replace access hole cover.

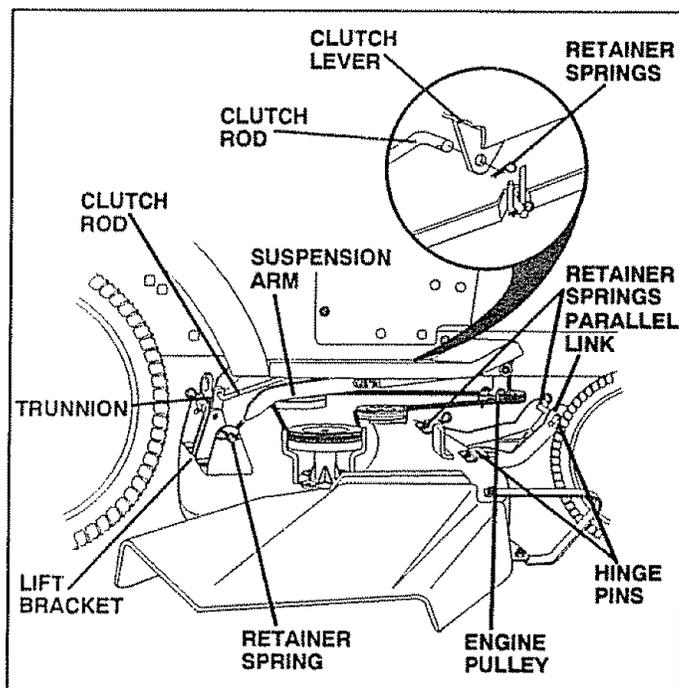


FIG. 21

SERVICE AND ADJUSTMENTS

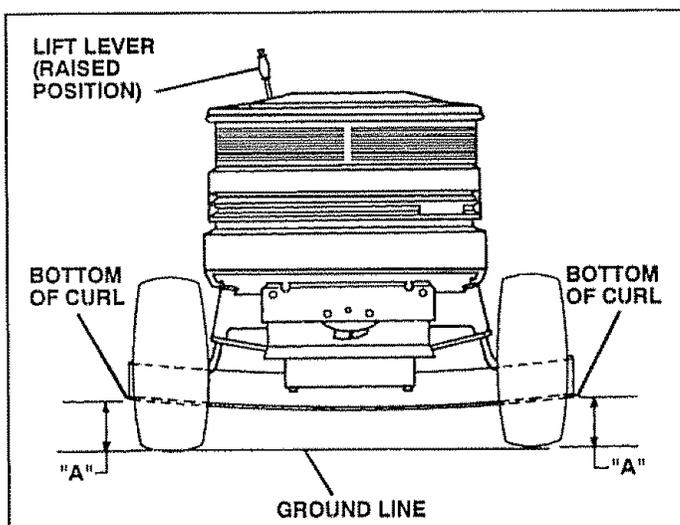


FIG. 22

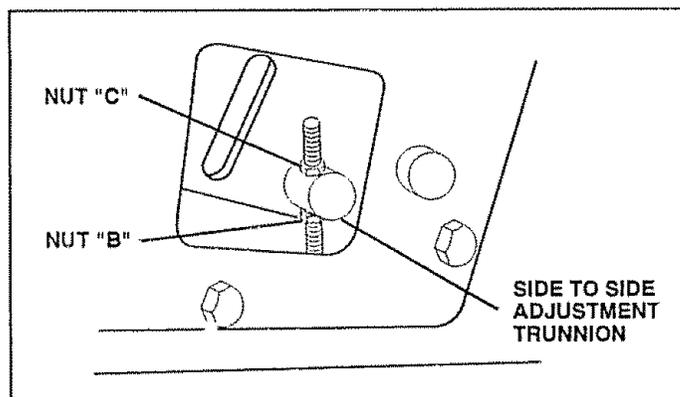


FIG. 23

FRONT-TO-BACK ADJUSTMENT (See Figs. 24 and 25) -
To obtain the best cutting results, the mower housing should be adjusted so the front is approximately 1/2 to 3/4" (1.3 cm to 1.9 cm) lower than the rear when the mower is in its highest position.

Check adjustment on right side of tractor. Measure distance "D" at front and rear flanges of mower housing as shown.

- To raise rear of mower, loosen nut "E" on both rear suspension arms. Screw both nuts "F" on both rear suspension arms an equal number of turns.
- When distance "D" is 3/4" to 7/8" higher at rear than front, retighten nuts "E".
- Recheck side-to-side adjustment.

IMPORTANT: WHEN ADJUSTING REAR SUSPENSION TRUNNIONS, ALWAYS ADJUST BOTH EQUALLY SO MOWER WILL STAY LEVEL SIDE-TO-SIDE.

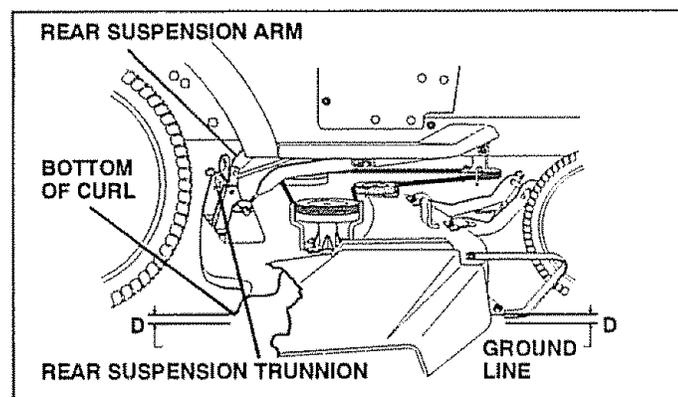


FIG. 24

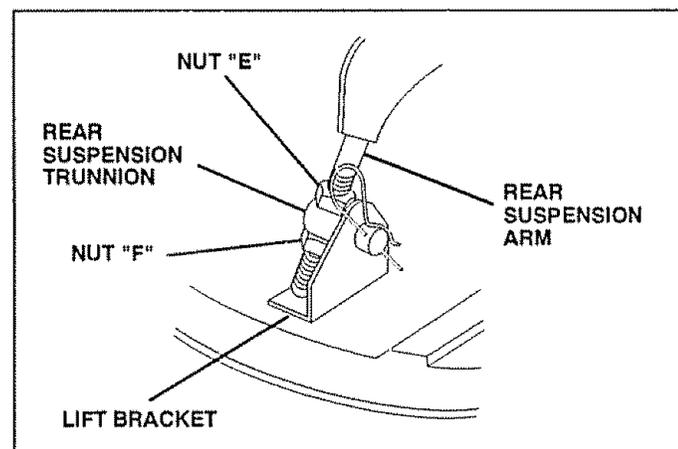


FIG. 25

SERVICE AND ADJUSTMENTS

TO ADJUST MOWER BLADE DRIVE BELT (See Fig. 26)

Your tractor has been manufactured with the ability to readjust the mower blade drive belt to provide you with longer belt life.

With engine off and the lift lever in the highest position, move attachment clutch lever slowly forward. If the lever moves significantly forward in the slot before resistance is felt, adjustment is necessary.

- Lower the mower deck for easier access.
- Remove the bolt, nut and D-shaped washers from rock shaft assembly.
- Move extension spring from lower to upper end of slot in rock shaft assembly and install bolt, nut and the D-shaped washers (flat side of washers down).
- Tighten bolt and nut to secure the D-shaped washers (flat side down as shown).

NOTE: When installing a new belt, be sure spring is in lower end of slot.

TO REPLACE MOWER BLADE DRIVE BELT (See Figs. 26 and 27)

The mower blade drive belt may be replaced without tools. Park the tractor on level surface. Engage parking brake. For assistance, there is a belt installation guide decal on the mower housing.

BELT REMOVAL -

- Place attachment clutch in "DISENGAGED" position.
- Move attachment lift lever forward to lower mower to its lowest position.
- Roll belt off engine pulley.
- Pull belt off both mandrel pulleys.
- Spring belt guide away from idler pulley and pull belt off idler pulley.
- Slide belt from under extension spring.

BELT INSTALLATION -

- Slide belt under extension spring.
- Place belt around back side and in groove of both mandrel pulleys.
- Spring idler belt guide down and place belt around rear side of idler pulley.
- Roll belt over engine pulley.
- Make sure belt is in all pulley grooves and inside all belt guides.

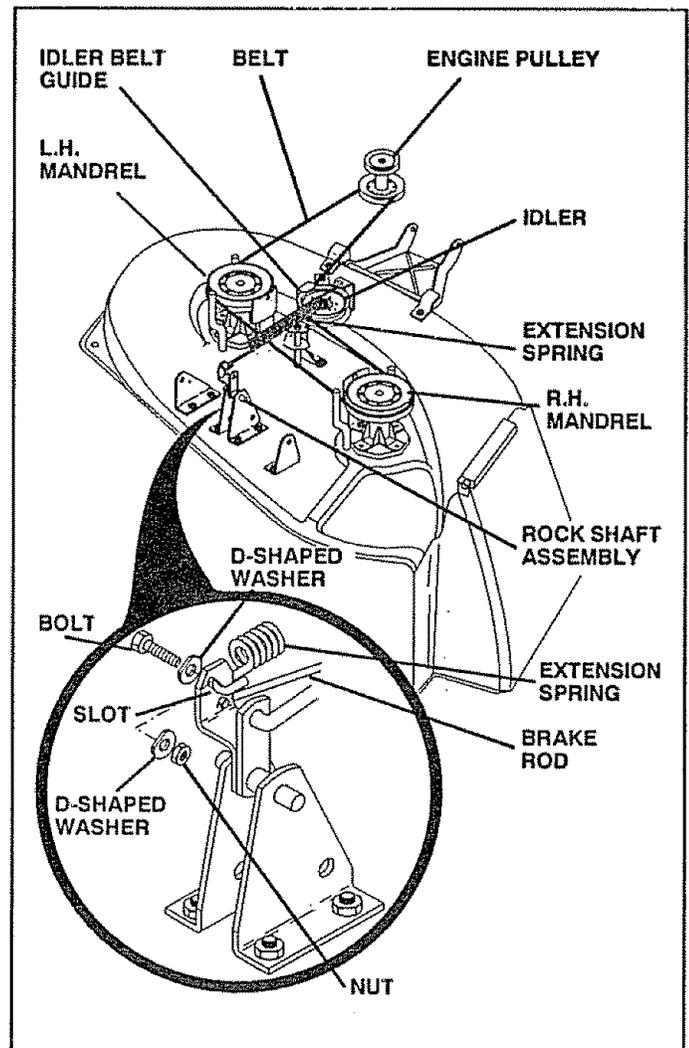


FIG. 26

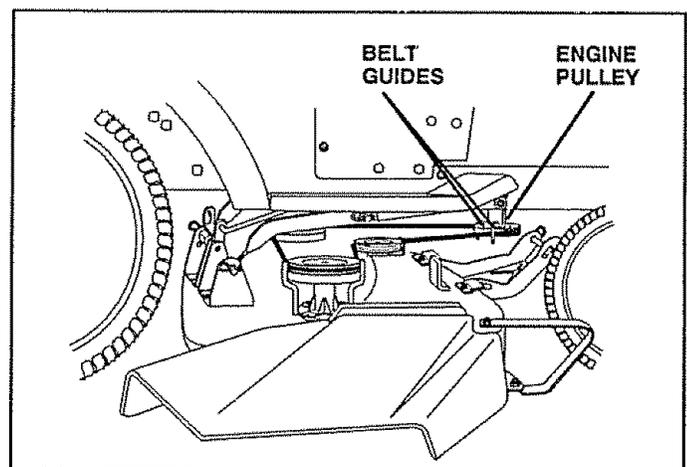


FIG. 27

SERVICE AND ADJUSTMENTS

TO ADJUST BRAKE (SEE FIG. 28)

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

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

- Depress clutch/brake pedal and engage parking brake.
- Measure distance between brake operating arm and nut "A" on brake rod.
- If distance is other than 1-1/2", disengage parking brake, loosen jam nut and turn nut "A" until distance becomes 1-1/2". Retighten jam nut against nut "A".
- Engage parking brake and recheck distance.
- Road test unit for proper stopping distance as stated above. Readjust if necessary. If stopping distance is still greater than 6 feet (1.8 metres) in highest gear, further maintenance is necessary. Contact your nearest Authorized Service Center.

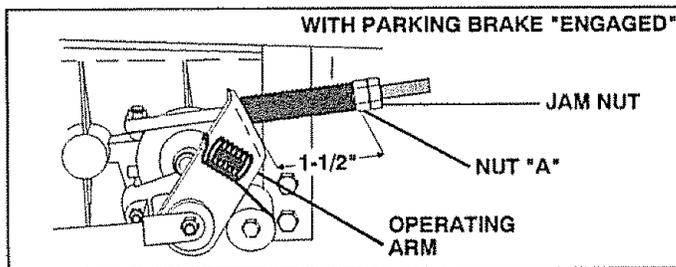


FIG. 28

TO REPLACE MOTION DRIVE BELT (See FIG. 29)

Park the tractor on level surface. Engage parking brake. For ease of service 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 belt from stationary idler and clutching idler.
- Remove belt from engine pulley.
- Roll belt over top of transmission pulley.
- Install new belt by reversing above procedure.

IMPORTANT: REPLACE ONLY WITH BELT LISTED IN THIS MANUAL.

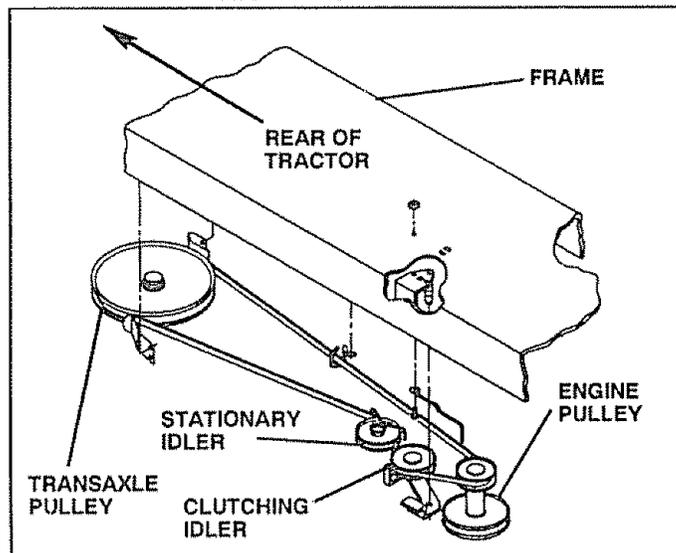


FIG. 29

TRANSAXLE SHIFTER LINKAGE AND ADJUSTMENT (See FIGS. 30 and 31)

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

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

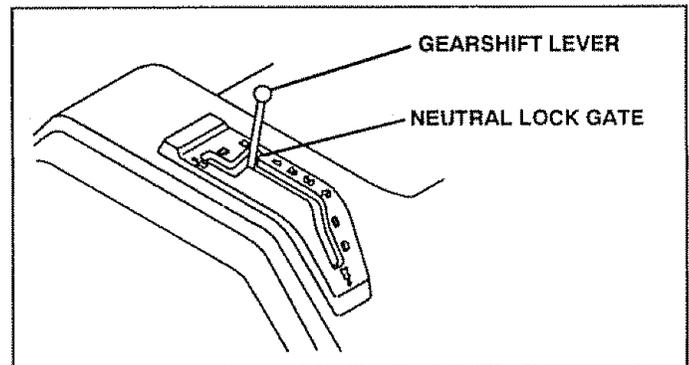


FIG. 30

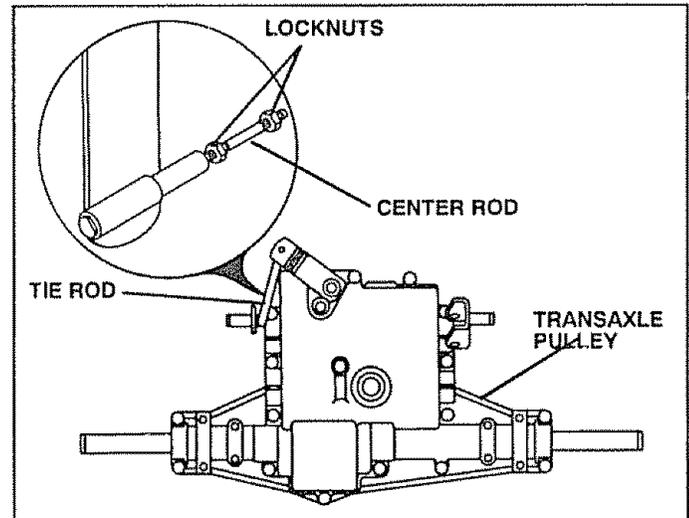


FIG. 31

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 unit. If damage has occurred to affect the front wheel toe-in or camber, contact your nearest Authorized Service Center.

SERVICE AND ADJUSTMENTS

TO REMOVE WHEEL FOR REPAIRS (See Fig. 32)

- Block up axle securely.
- Remove hub cap, 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 hub cap.

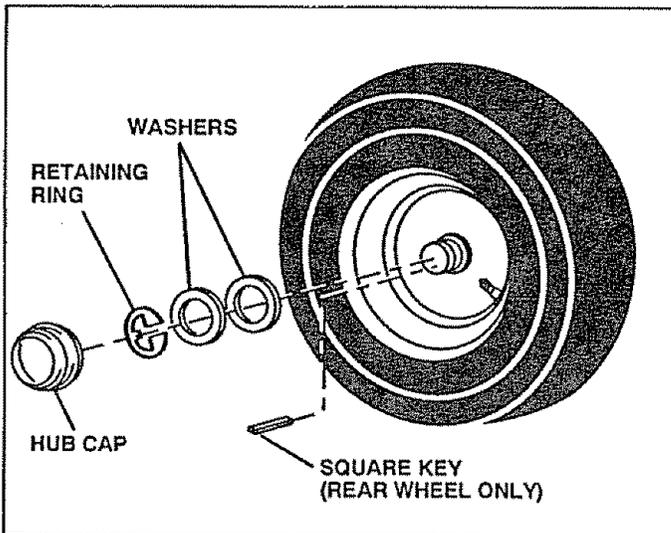


FIG. 32

TO START ENGINE WITH A WEAK BATTERY (See Figs. 33 & 34)



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 UNIT IS EQUIPPED WITH A 12 VOLT NEGATIVE GROUND SYSTEM. THE OTHER VEHICLE MUST ALSO BE A 12 VOLT NEGATIVE GROUND 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 NEGATIVE (-) terminal of fully charged battery.
- Connect the other end of the BLACK cable to a panel bolt on the left side of the chassis, away from fuel tank and battery.

TO REMOVE CABLES, REVERSE ORDER -

- BLACK cable first from left side of chassis and fully charged battery.
- RED cable last from both batteries.

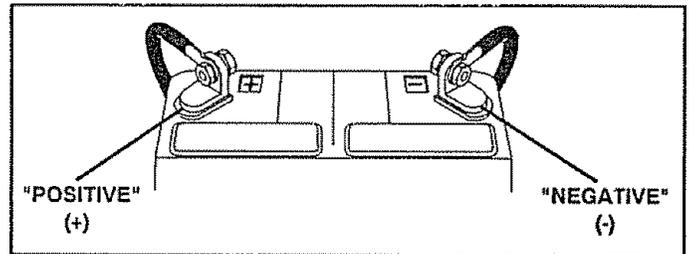


FIG. 33

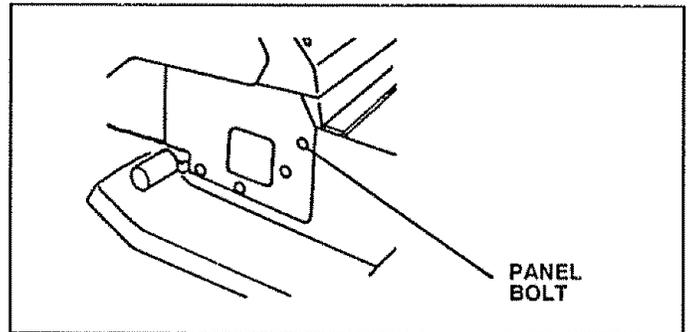


FIG. 34

TO REPLACE FUSE (See Fig. 35)

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

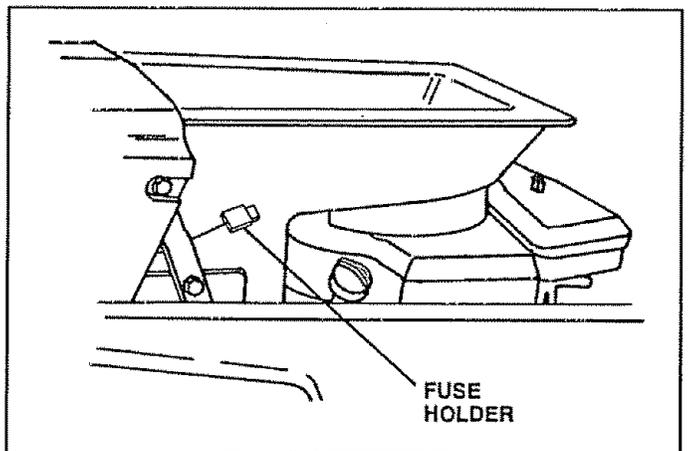


FIG 35

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.

SERVICE AND ADJUSTMENTS

TO REMOVE HOOD AND GRILL ASSEMBLY (See Figs. 36 and 37)

- Raise hood.
- Unsnap headlight wire connector.
- Carefully remove wing nuts from rear of side panels.
- Stand at front of tractor. Grasp hood and side panels, tilt forward and lift off unit.
- To reinstall, reverse above procedure.

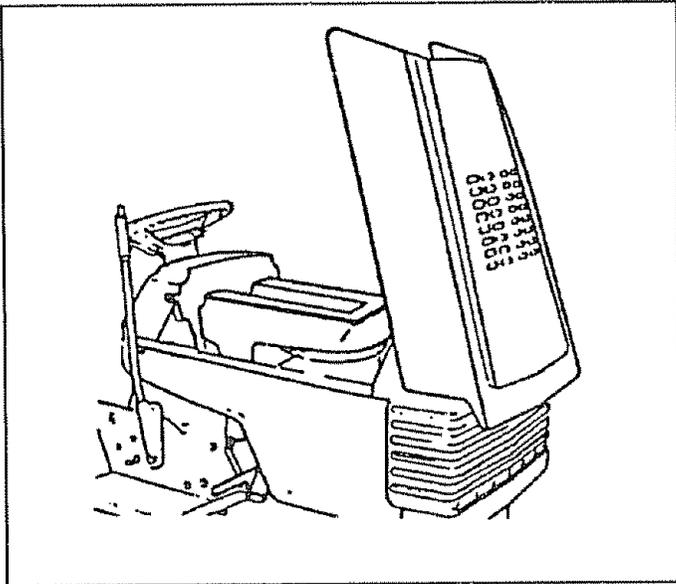


FIG. 36

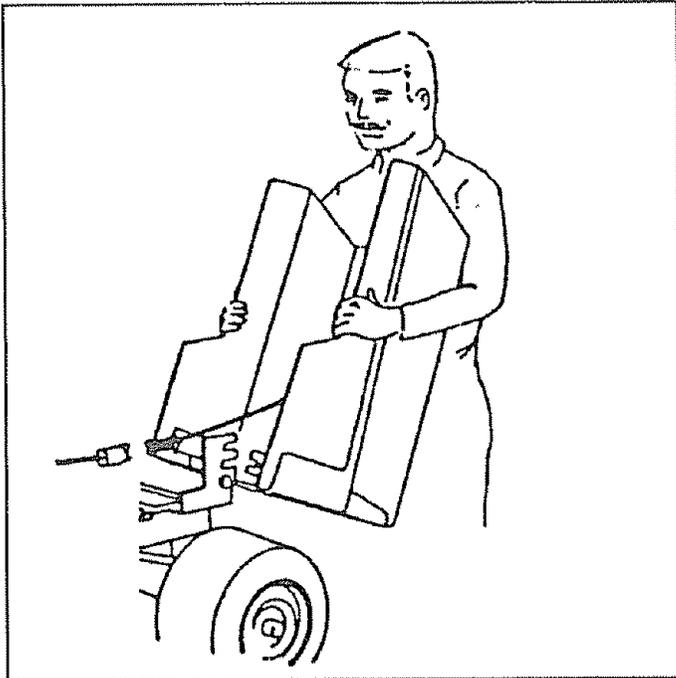


FIG. 37

ENGINE

TO ADJUST THROTTLE CONTROL CABLE (See Fig. 38)

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

- With engine not running, move throttle control lever to "FAST" position.
- Check that swivel is against stop. If it is not, loosen cable clamp screw and pull cable back until swivel is against stop. Tighten cable clamp screw securely.

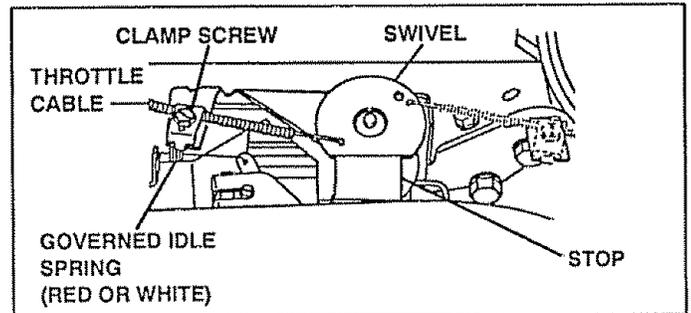


FIG. 38

TO ADJUST CHOKE CONTROL (See Fig. 39)

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

- With engine not running, move choke control (located on dash panel) to full "CHOKE" position.
- Loosen knob and remove cover assembly from air cleaner.
- Choke should be closed. If it is not, loosen casing clamp screw and move choke cable until choke is completely closed. Tighten casing clamp screw securely.
- Replace air cleaner cover assembly and tighten knob.

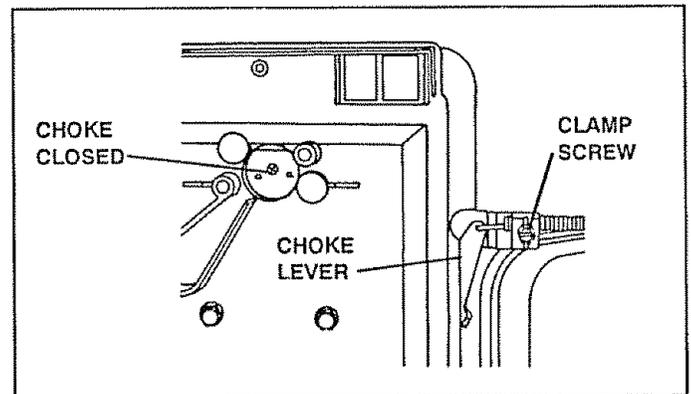


FIG. 39

SERVICE AND ADJUSTMENTS

TO ADJUST CARBURETOR (See Fig. 40)

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

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

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

PRELIMINARY SETTING -

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

FINAL SETTING -

- Start engine and allow to warm for five minutes. Make final adjustments with engine running and shift/ motion control lever in "NEUTRAL" position.
- With throttle control lever in "SLOW" position, hold throttle lever against idle speed screw and adjust idle speed screw to obtain 1300 to 1500 RPM.
- While still holding throttle lever against idle speed screw, turn idle mixture screw **In** (clockwise) until engine begins to die and then turn **out** (counterclockwise) until engine runs rough. Turn screw to a point midway between those two positions.
- Continue to hold throttle lever against idle speed screw and adjust idle speed screw to obtain 1200 RPM, if the governed idle spring is red, or 900 RPM, if the governed idle spring is white. Release throttle lever.

ACCELERATION TEST -

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

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

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

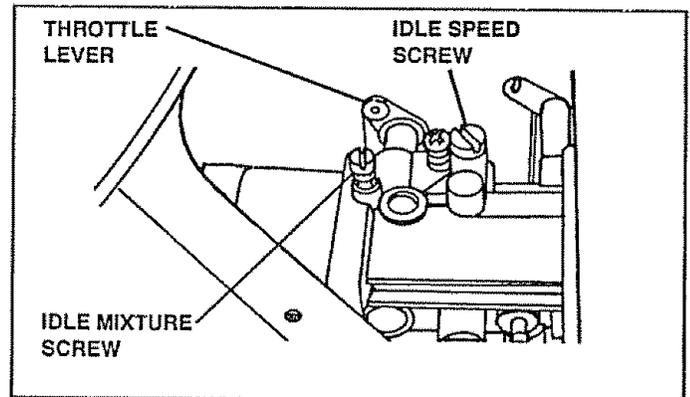


FIG. 40

STORAGE

Immediately prepare your tractor for storage at the end of the season or if the unit 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. Give blades and underside of housing a good coat of grease or rust preventative. Store in a clean, dry area.

- Clean entire tractor (See "CLEANING" in the Maintenance 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 Maintenance 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 Maintenance 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 to drain in battery tray.

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 Maintenance 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 unit indoors and cover it to give protection from dust and dirt.
- Cover your unit with a suitable protective cover that does not retain moisture. Do not use plastic. Plastic cannot breathe which allows condensation to form and will cause your unit to rust.

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

TROUBLESHOOTING POINTS

PROBLEM	CAUSE	CORRECTION
Will not start	<ol style="list-style-type: none"> 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. 10. Engine valves out of adjustment. 	<ol style="list-style-type: none"> 1. Fill fuel tank. 2. See TO START ENGINE In Operation section. 3. Wait 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 fresh gasoline and replace fuel filter. 8. Check all wiring. 9. Contact Sears Service Department. 10. Contact Sears Service Department.
Hard to start	<ol style="list-style-type: none"> 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. 	<ol style="list-style-type: none"> 1. Clean/replace air filter. 2. Replace spark plug. 3. Recharge or replace battery. 4. Replace fuel filter. 5. Drain fuel tank and refill with fresh gasoline. 6. Check all wiring. 7. Contact Sears Service Department. 8. Contact Sears Service Department.
Engine will not turn over	<ol style="list-style-type: none"> 1. Clutch/brake pedal not depressed. 2. Attachment clutch is engaged. 3. Spark plug wire is disconnected. 4. Weak or dead battery. 5. Blown fuse. 6. Corroded battery terminals. 7. Loose or damaged wiring. 8. Faulty ignition switch. 9. Faulty solenoid or starter. 10. Faulty operator presence switch(es). 	<ol style="list-style-type: none"> 1. Depress clutch/brake pedal. 2. Disengage attachment clutch. 3. Connect wire to spark plug. 4. Recharge or replace battery. 5. Replace fuse. 6. Clean battery terminals. 7. Check all wiring. 8. Check/replace ignition switch. 9. Check/replace solenoid or starter. 10. Contact Sears Service Department.
Engine clicks but will not start	<ol style="list-style-type: none"> 1. Weak or dead battery. 2. Corroded battery terminals. 3. Loose or damaged wiring. 4. Faulty solenoid or starter. 	<ol style="list-style-type: none"> 1. Recharge or replace battery. 2. Clean battery terminals. 3. Check all wiring. 4. Check/replace solenoid or starter.
Loss of power	<ol style="list-style-type: none"> 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 oil 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. 	<ol style="list-style-type: none"> 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. Contact Sears Service Department. 15. Contact Sears Service Department.
Excessive vibration	<ol style="list-style-type: none"> 1. Worn, bent or loose blade. 2. Bent blade mandrel. 3. Loose/damaged part(s). 	<ol style="list-style-type: none"> 1. Replace blade. Tighten blade bolt. 2. Replace blade mandrel. 3. Tighten loose part(s). Replace damaged parts.

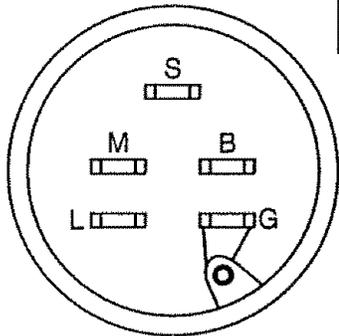
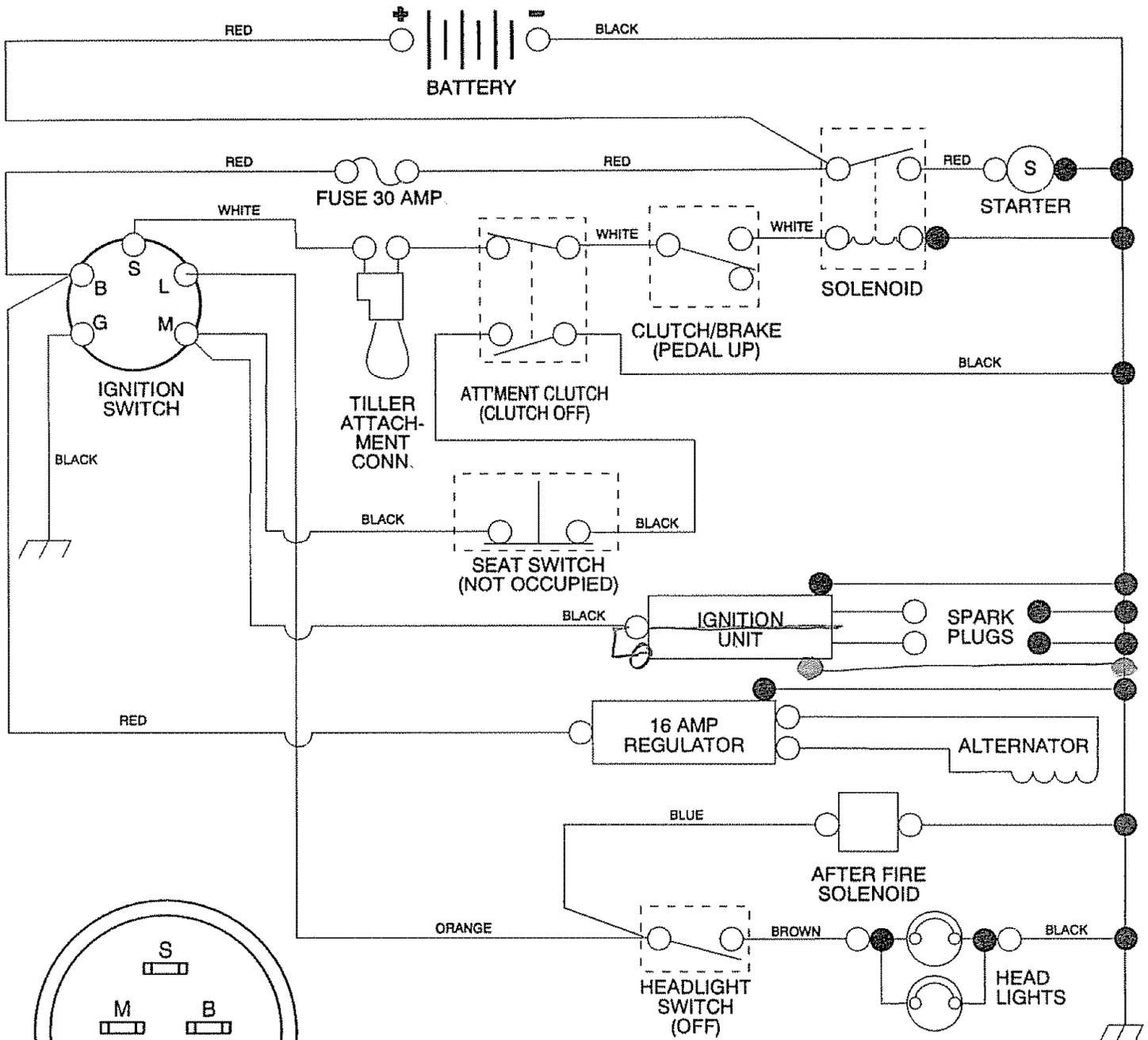
TROUBLESHOOTING POINTS

PROBLEM	CAUSE	CORRECTION
Engine continues to run when operator leaves seat with attachment clutch engaged	<ol style="list-style-type: none"> 1. Faulty operator-safety presence control system. 	<ol style="list-style-type: none"> 1. Check wiring, switches and connections. If not corrected, contact Sears Service Department.
Poor cut - uneven	<ol style="list-style-type: none"> 1. Worn, bent or loose blade. 2. Mower deck not level. 3. Buildup of grass, leaves, and trash under mower. 4. Bent blade mandrel. 	<ol style="list-style-type: none"> 1. Replace blade. Tighten blade bolt. 2. Level mower deck. 3. Clean underside of mower housing. 4. Replace blade mandrel.
Mower blades will not rotate	<ol style="list-style-type: none"> 1. Obstruction in clutch mechanism. 2. Mower drive belt out of adjustment. 3. Worn/damaged mower drive belt. 4. Frozen idler pulley. 5. Frozen blade mandrel. 	<ol style="list-style-type: none"> 1. Remove obstruction. 2. Adjust mower drive belt. 3. Replace mower drive belt. 4. Replace idler pulley. 5. Replace blade mandrel.
Poor grass discharge	<ol style="list-style-type: none"> 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 or out of adjustment. 9. Blades improperly installed. 10. Improper blades used. 	<ol style="list-style-type: none"> 1. Place throttle control in "FAST" position. 2. Shift to slower speed. 3. Allow grass to dry before mowing. 4. Level mower deck. 5. Check tires for proper air pressure. 6. Replace/sharpen blade. Tighten blade bolt. 7. Clean underside of mower housing. 8. Replace/adjust mower drive belt. 9. Reinstall blades sharp edge down. 10. Replace with blades listed in this manual.
Headlight(s) not working (if so equipped)	<ol style="list-style-type: none"> 1. Switch is "OFF". 2. Bulb(s) burned out. 3. Faulty light switch. 4. Loose or damaged wiring. 5. Blown fuse. 	<ol style="list-style-type: none"> 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	<ol style="list-style-type: none"> 1. Bad battery cell(s). 2. Poor cable connections. 3. Faulty regulator (if so equipped). 	<ol style="list-style-type: none"> 1. Replace battery. 2. Check/clean all connections. 3. Replace regulator.

SERVICE NOTES

14 HP RIDING LAWN TRACTOR - - MODEL NUMBER 917.255540

SCHEMATIC



IGNITION SWITCH

POSITION	CIRCUIT
OFF	M + G
ON	B + L
START	B + S + L

WIRING INSULATED CLIPS

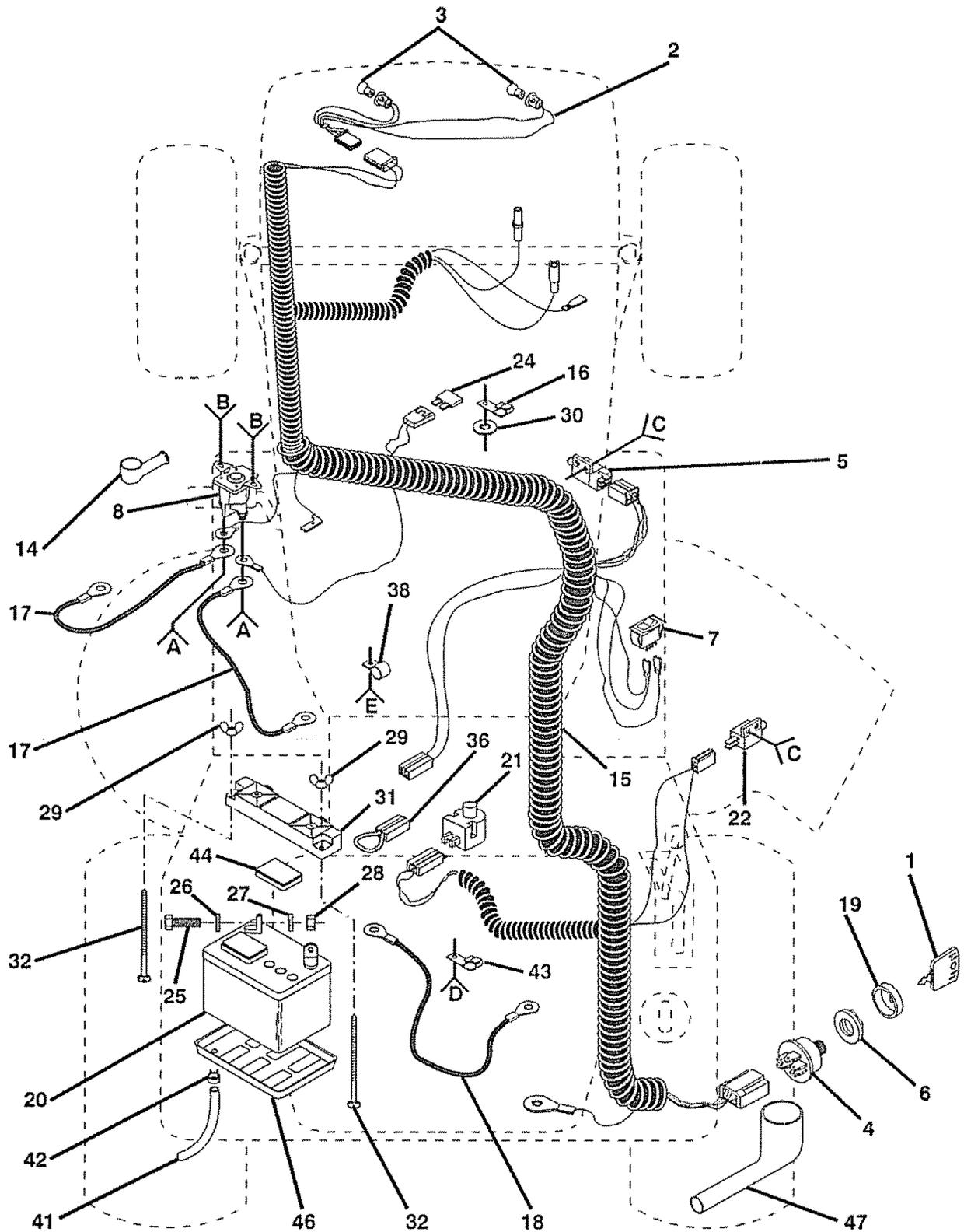
NOTE: IF WIRING INSULATED CLIPS WERE REMOVED FOR SERVICING OF UNIT, THEY SHOULD BE REPLACED TO PROPERLY SECURE YOUR WIRING

- NON-REMOVABLE CONNECTIONS
- REMOVABLE CONNECTIONS

REPAIR PARTS

14 HP RIDING LAWN TRACTOR - - MODEL NUMBER 917.255540

ELECTRICAL



REPAIR PARTS

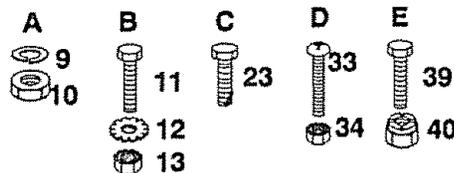
14 HP RIDING LAWN TRACTOR - - MODEL NUMBER 917.255540

ELECTRICAL

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	109310X	Molded, Key	26	19091016	Washer 9/32 x 5/8 x 16 Gauge
2	110859X	Harness, Light Socket	27	10040400	Washer, Lock 1/4
3	4152J	Bulb, Light	28	73220400	Nut, Hex 1/4-20
4	102972X	Switch, Ignition	29	123198X	Nut, Wing 1/4-20
5	109553X	Switch, Interlock, Attachment, Clutch	30	11050600	Washer, Lock, External Tooth 3/4
6	124211X	Ignition, Nut	31	102476X	Guard, Terminal
7	110712X	Switch, Light	32	72240460	Bolt, Carriage 1/4-20 x 7-1/2
8	109081X	Solenoid	33	74641008	Screw, Slotted Pan Head #10-32 x 1/2
9	10090400	Washer, Lock 1/4	34	73951000	Nut, Keps #10-32 x 1/2
10	73350400	Nut, Jam 1/4-20	36	102501X	Wire, Loop
11	74780408	Bolt, Hex, Fin 1/4-20 x 1/2	38	235R	Clip, Insulation
12	11050400	Washer, Lock, External Tooth 1/4	39	74780408	Bolt, Hex 1/4-20 x 1/2
13	73510400	Nut, Keps 1/4-20	40	73680400	Nut, Crownlock 1/4-20
14	719J	Cover, Terminal	41	100541K	Tube
15	127873X	Harness, Ignition	42	109596X	Clamp, Hose
16	2751R	Clip, Fuel Line	43	4171R	Clip, Insulated
17	4206J	Cable, Battery	44	121264X	Caps, Battery
18	4207J	Cable, Ground	46	7603J	Tray, Battery
19	109787X	Bezel, Ignition	47	123620X	Cover, Key Switch
20	121537X	Battery (Includes Battery Acid)	--	101539X	Sheet, Instruction, Tractor 15° Slope
21	121305X	Switch, Seat	--	120960X	Decal, Battery
22	104445X	Switch, Interlock, Clutch	--	127877	Owners Manual
23	17021008	Screw, Hex, Tap #10-24 x 1/2			
24	108824X	Fuse,			
25	74760412	Bolt, Hex 1/4-20 x 3/4			

* STANDARD HARDWARE - PURCHASE LOCALLY

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



REPAIR PARTS

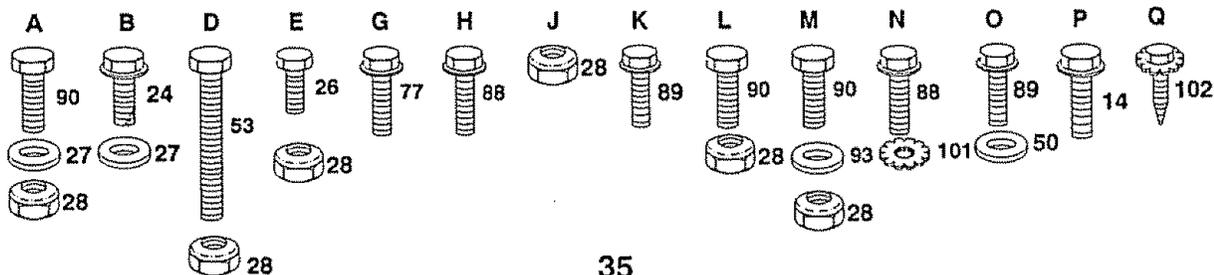
14 HP 38" RIDING LAWN TRACTOR - - MODEL NO. 917.255540

DRIVE

KEY PART NO.	NO.	DESCRIPTION	KEY PART NO.	NO.	DESCRIPTION
1	123666X	Pulley, Transaxle (Driven)	59	110437X	Rod, Brake
2	12000028	Ring, Retainer	60	124236X	Cap
3	73800600	Nut, Hex, Lock W/Wsh. Insert 3/8-16	61	106888X	Spring, Rod, Brake
4	120898X	Transaxle, 6 Speed, Dana Model No. 4360-7	62	19131316	Washer 13/32 x 13/16 x 16 Gauge
5	105953X	Duct, Air Intake	63	121748X	Washer 25/32 x 1-5/8 x 16 Gauge
6	13200300	Elbow, STD. 90° 3/8-18	64	73350600	Nut, Hex, Jam 3/8-16
7	13280336	Nipple, Pipe	65	STD561210	Pin, Cotter 1/8 x 1
8	127811	Engine, 14HP, Vanguard, Briggs & Stratton Model No. 303777, Type No. 0032-03	67	123766X	Pulley, Idler
9	122440X	Muffler	68	123789X	Arm, Idler
10	122434X	Tube, Manifold, L.H.	69	123205X	Retainer, Belt
11	122435X	Tube, Manifold, R.H.	70	74760624	Bolt, Hex 3/8-16 x 1-1/2
14	17190408	Screw, Hex Wsh. Thd. Cut. 1/4-20	71	110812X	Washer, Hardened
15	122981X	Shield, Heat	72	12000039	Ring, Klip
16	127272X	Bushing, Rod, Steering	73	105709X	Spring, Return, Clutch
17	125907X	V-Belt, Drive	74	105710X	Link, Clutch
18	2751R	Clip	76	124559X	Control, Throttle
24	17490612	Screw, Hex Washer Hd Thd. Roll. 3/8-16 x 3/4	77	17720410	Screw, Hex Thd. Cut 1/4-20 x 5/8
25	121218X	Keeper, Belt, Engine	78	59192	Cap, Valve
26	74760612	Bolt, Hex 3/8-16 x 3/4	79	65139	Stem, Valve
27	19131312	Washer 13/32 x 13/16 x 12 Gauge	80	106268X	Tire, Rear
28	73680600	Nut, Lock 3/8-16	81	106108X311	Rim,
29	8883R	Cover, Pedal	82	109502X	Spacer, Split
30	122424X	Shaft, Foot Pedal	83	121749X	Washer 25/32 x 1-1/4 x 16 Gauge
31	STD571810	Pin, Roll 3/16 x 1	84	12000001	E-Ring
32	STD551062	Washer 21/32 x 1 x 16 Gauge	85	104757X	Cap, Hub, Rear
33	120183X	Bearing, Nylon	86	123583X	Key, Square 2.5 x .1845/.1865
34	122439X	Bracket, Muffler Mounting	87	127274X	Keeper, Belt, R.H.
35	121440X	Guide, Belt, Lower, Engine Pulley, L.H.	88	17490624	Bolt, Hex Washer Thd. Roll. 3/8-16 x 1-1/2
36	121441X	Guide, Belt, Lower, Engine Pulley, R.H.	89	17490512	Screw, Hex Washer Thd. Roll. 5/16-18 x 3/4
37	104777X	Guide, Belt Retainer, Chassis	90	74760616	Bolt, Hex 3/8-16 x 1
38	109070X	Keeper, Belt	91	105706X	Bearing
39	4470J	Spacer	93	19132012	Washer 13/32 x 1-1/4 x 12 Gauge
40	123674X	Idler, Flat	97	7152J	Tube
41	74760644	Bolt, Hex 3/8-16 x 2-3/4	98	110422X	Spring, Brake Return
42	105731X	Pulley, Engine	99	121851X	Spark Arrester Kit
43	10040700	Washer, Lock 7/16	100	101326L	Deflector, Muffler
44	71130720	Bolt, Hex 7/16-20 x 1-1/4	101	11050600	Washer, Lock, Tooth 3/8
45	127275X	Keeper, Belt, L.H.	102	17030808	Screw, Hex, Spiderlock #8 x 1/2
46	106933X	Knob	103	71040412	Bolt, Hex 1/4-28 x 3/4
47	123781X	Rod, Shifter	104	STD551025	Washer 9/32 x 3/4 x 16 Gauge
49	19091216	Washer 9/32 x 3/4 x 10	105	123794X	Shift, Arm
50	19131614	Washer 13/32 x 1 x 14 Gauge	106	73530400	Nut 1/4-28
51	105701X	Washer, Shift Plate	107	126591X	Washer 21/32 x 1-1/4 x 16 Gauge
52	19171216	Washer 17/32 x 3/4 x 16 Gauge	108	12000003	Ring, Klip
53	STD523727	Bolt, Hex 3/8-16 x 2-3/4	109	127273X	Shaft Assembly, Shifter
54	121520X	Strap, Torque	110	123782X	Spring, Torsion
55	109167X	Bracket, Transaxle	111	123793X	Rod, Tie
56	123223X	Duct, Extension	--	125917X	Decal, Engine
57	76020412	Pin, Cotter 1/8 x 3/4	--	125918X	Decal, Engine, B & S
58	125637X	Rod, Brake, Park	--	127781X	Decal, Airduct, V-Twin, Engine

* STANDARD HARDWARE - PURCHASE LOCALLY

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



REPAIR PARTS

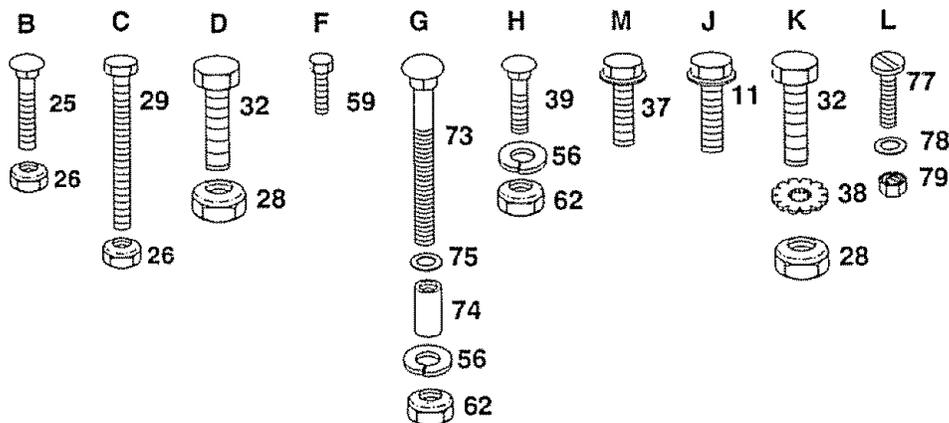
14 HP 38" RIDING LAWN TRACTOR - - MODEL NO. 917.255540

STEERING AND FRONT AXLE

KEY PART NO.	NO.	DESCRIPTION	KEY PART NO.	NO.	DESCRIPTION
2	126805X	Insert, Steering Wheel	46	73901000	Locknut, Flange 5/8-11
3	73940800	Nut, Top Lock 1/2-20 UNF	48	105656X	Spindle, L.H.
4	100712K	Washer	49	105654X	Spindle, R.H.
5	100713N	Wheel, Steering	50	121748X	Washer 25/32 x 1-5/8 x 16 Gauge
6	100711L	Adapter, Steering Wheel	51	105715X	Rod, Tie
7	106015X	Sleeve, Steering	52	19131416	Washer 13/32 x 7/8 x 16 Gauge
8	120028X	Dash	53	STD561210	* Pin, Cotter 1/8 x 3/4
9	127536X011	Dash Plate	54	3366R	Bearing
10	109816X	Nyliner, Snap-In	55	124032X	Link, Drag
11	17490608	Screw, Hex Washer Thd. Roll. 3/8-16 x 1/2	56	STD551137	* Washer, Lock 3/8
12	121749X	Washer 25/32 x 1-1/4 x 16 Gauge	57	STD541137	* Nut, Hex 3/8-24
13	128755	Shaft, Steering	58	1554J	Bushing, Steering
16	124036X	Bracket, Steering	59	17431008	Screw, Hex #10-16 x 1/2
17	124037X	Gear, Pinion	60	104757X	Cap, Hub, Front
18	19212010	Washer 21/32 x 1-1/4 x 10 Gauge	61	2751R	Clip, Fuel Line
19	124033X	Shaft, Pitman	62	STD541037	* Nut, Hex 3/8-16
20	12000029	Ring, Klip	64	59192	Cap, Valve
21	6266H	Bearing, Thrust	65	65139	Stem, Valve
22	124034X	Gear, Sector	66	278H	Fitting, Grease
24	105518X	Dash, Lower	67	9040H	Bearing
25	74180512	Screw, Crown Truss Hd. 5/16-18 x 3/4	68	106732X311	Rim,
26	73680500	Locknut 5/16-18	69	106222X	Tire, Front
27	127543X011	Saddle	70	STD551125	* Washer, Lock 1/4
28	73680600	Locknut 3/8-16	72	59904	Tube, Tire, Front
29	STD523120	* Bolt, Hex 5/16-18 x 2	73	72110622	Bolt, Carriage, Hex 3/8-16 x 2-3/4
30	121236X	Spacer	74	121235X	Spacer
31	128231	Support Plate, Battery	75	19131416	Washer 13/32 x 7/8 x 16 Gauge
32	STD523707	* Bolt, Hex 3/8-16 x 3/4	76	71070410	Screw, Hex, Socket, 1/4 x 20 x 5/8
33	57079	Washer	77	STD512507	* Screw, Pan Head 1/4-20 x 3/4
34	124035X	Support, Shaft	78	19091216	Washer 13/32 x 3/4 x 16 Gauge
35	126684X	Washer 5/8 x 1/4 x 16 Gauge	79	73510400	Nut, Keps 1/4 NC
36	126540	Control, Choke	80	19272016	Washer 27/32 x 1-1/4 x 16 Gauge
37	17490612	Screw, Hex Wsh. Thd. Roll. 3/8-16 x 3/4	81	124460X	Bracket, Air Duct Locator
38	11050600	Washer, Lock, Int./External Tooth 3/8	83	5320R	Clip, Insulated
39	72110608	Bolt, Carriage	84	120754X	Bushing
40	105669X	Axle, Front 108075X	85	121232X	Cap, Spindle
42	74761060	Bolt, Hex 5/8-11 x 3-3/4	--	128315	Decal, Cap, Steering Wheel
45	110438X	Spacer, Bearing, Front Axle	--	108456X	Decal (Dash)

* STANDARD HARDWARE - PURCHASE LOCALLY

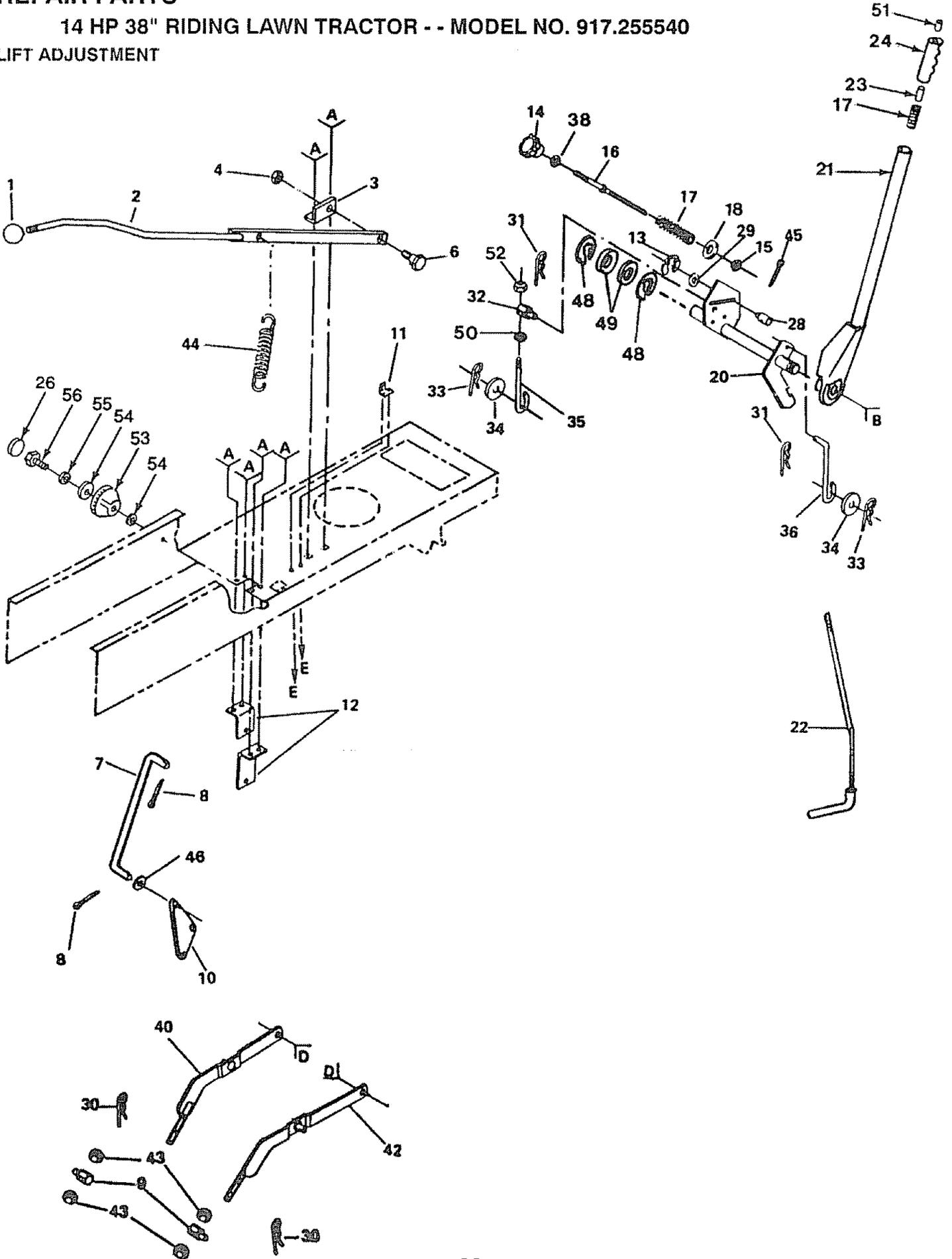
NOTE: All component dimensions given in U.S. inches.
1 inch = 25.4 mm



REPAIR PARTS

14 HP 38" RIDING LAWN TRACTOR - - MODEL NO. 917.255540

LIFT ADJUSTMENT



REPAIR PARTS

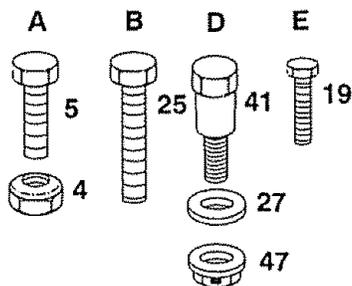
14 HP 38" RIDING LAWN TRACTOR - - MODEL NO. 917.255540

LIFT ADJUSTMENT

KEY PART NO.	NO.	DESCRIPTION	KEY PART NO.	NO.	DESCRIPTION
1	106933X	Knob	30	9135R	Retainer, Spring
2	125916X	Lever, Mower, Clutch	31	4939M	Retainer, Spring
3	125914X	Bracket, Pivot	32	110447X	Trunnion, Lift
4	73680600	Nut, Lock 3/8-16	33	4921H	Retainer, Spring
5	STD523707	* Bolt, Hex 3/8-16 x 3/4	34	19171516	Washer 17/32 x 5/16 x 16 Gauge
6	106451X	Bolt, Shoulder	35	110448X	Link, Lift, Adjust
7	108387X	Rod, Clutch, Primary	36	110029X	Link, Lift
8	76020412	Pin, Cotter 1/8 x 3/4	38	STD541237	* Nut, Jam 3/8-16
9	106308X	Trunnion, Lift, Lower	40	121599X	Arm, Suspension, L.H.
10	109728X	Bellcrank	41	105848X	Bolt, Shoulder 3/8-16
11	108236X	Bracket, Switch	42	121598X	Arm, Suspension 3/8-16
12	106444X	Bracket, Bellcrank	43	STD541050	* Nut, Hex, Fin 1/2-13
13	1200037	Ring, Klip	44	58606	Spring
14	100734K	Knob, Height Adjustment	45	76020308	Pin, Cotter 3/32 x 1/2
15	110807X	Nut, Special	46	19131410	Washer 13/32 x 7/8 x 10 Gauge
16	110729X	Rod, Adjust, Lift	47	73980600	Nut, Lock 3/8-16
17	2876H	Spring	48	12000022	E-Ring
18	STD551037	* Washer 13/32 x 5/8 x 16 Gauge	49	19292016	Washer 29/32 x 1-1/4 x 16 Gauge
19	17021008	Screw, Hex Hd. Tap	50	73360700	Nut, Hex, Jam 7/16 x 20
20	124516X	Shaft, Lift	51	122365X	Button, Plunger
21	121002X	Lever, Lift (Inc. Key No. 22)	52	73710700	Nut, Crownlock, Jam 7/16 x 20
22	121006X	Rod, Lever	53	123934X	Scale, Height Indicator
23	122364X	Plunger, Lever	54	19112410	Washer 11/32 x 1-1/2 x 10 Gauge
24	125631X	Grip, Handle	55	STD551131	* Washer, Lock Hvy. Helical Spring
25	STD523715	* Bolt 3/8-16 x 1-1/2	56	74780516	Bolt, Hex, Fin 5/16-18 x 1
26	123935X	Plug, Hole			
27	110739X	Washer, Spring 3/8			
28	110810X	Trunnion, Stop Depth			
29	19151216	Washer 15/32 x 3/4 x 16 Gauge			

* STANDARD HARDWARE - PURCHASE LOCALLY

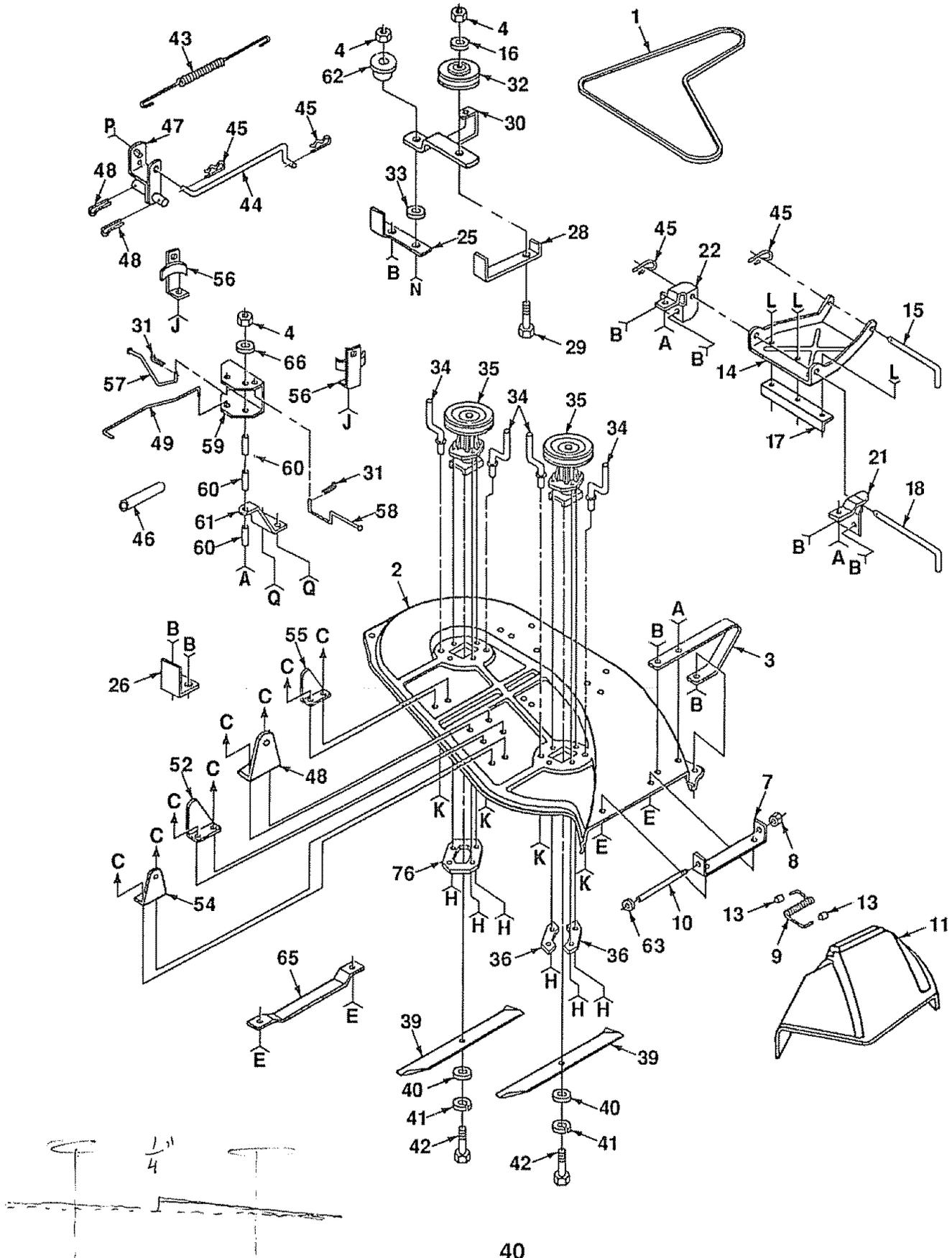
NOTE: All component dimensions given in U.S. inches.
1 inch = 25.4 mm



REPAIR PARTS

14 HP 38" RIDING LAWN TRACTOR - - MODEL NO. 917.255540

MOWER



REPAIR PARTS

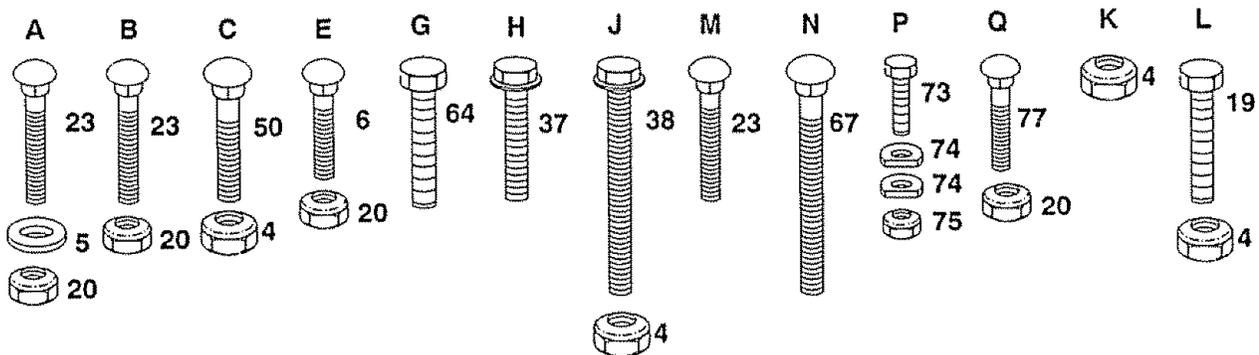
14 HP 38" RIDING LAWN TRACTOR - - MODEL NO. 917.255540

MOWER

KEY PART NO.	NO.	DESCRIPTION	KEY PART NO.	NO.	DESCRIPTION
1	106085X	V-Belt	41	STD551137	* Washer, Lock 3/8
2	121259X	Housing	42	STD632715	* Bolt, Hex 3/8-24 x 1-1/2 Grade 5
3	8417J	Runner, R.H.	43	108250X	Spring, Extension
4	73680600	Locknut 3/8-16	44	108235X	Rod, Clutch, Mower
5	19111216	Washer 11/32 x 3/4 x 16 Gauge	45	4921H	Spring, Retainer
6	72140505	Bolt, Carriage 5/16-18 x 5/8	46	6404J	Spacer 1/2 x 9/16
7	105896X	Bracket, Deflector	47	124066X	Rock, Shaft, Assembly
8	110452X	Nut, Push	48	76020616	Pin, Cotter 3/16 x 1
9	106734X	Spring, Deflector	49	108247X	Rod, Brake, Primary
10	106735X	Rod, Hinge	50	STD533707	Bolt, Carriage 3/8-16 x 3/4
11	106736X	Deflector, Shield	52	108243X	Bracket, Pivot, R.H.
13	105304X	Cap	53	108241X	Bracket, Pivot, L.H.
14	105662X	Link, Parallel	54	105857X	Bracket, Suspension, Rear, R.H.
15	105744X	Pin, Hinge, Front	55	108673X	Bracket, Suspension, Rear, L.H.
16	STD551037	* Washer 13/32 x 13/16 x 16 Gauge	56	106578X	Brake Assembly
17	105872X	Stop, Link	57	106463X	Rod, Brake, Secondary, L.H.
18	109835X	Pin, Hinge, Rear	58	108249X	Rod, Brake, Secondary, R.H.
19	STD523707	* Bolt 3/8-16 x 3/4	59	106456X	Bracket, Brake, Pivot
20	73680500	Locknut 5/16-18	60	100672K	Spacer, Brake
21	109598X	Bracket, Lift, R.H.	61	100673L	Bracket, Support
22	109597X	Bracket, Lift, L.H.	62	106513X	Washer, Wear
23	STD533107	* Bolt, Carriage 5/16-18 x 3/4	63	19111016	Washer 11/32 x 5/8 x 16 Gauge
25	109503X	Support, Arm	64	74760688	Bolt 3/8-16 x 5-1/4
26	109504X	Stop, Deck, Front	65	7631J	Runner, L.H.
28	126756X	Guide, Belt	66	19131614	Washer 13/32 x 1 x 14 Gauge
29	STD523720	* Bolt 3/8-16 x 2	67	72140610	Bolt, Carriage 3/8-16 x 1-1/4
30	127163X	Arm, Idler	69	122314X	Spacer, Split
31	76020308	Pin, Cotter	73	74760412	Bolt, Hex 1/4-20 x 3/4
32	123688	Pulley, Idler	74	109893X	Washer, Special
33	106902X	Spacer, Retainer	75	73680400	Nut 1/4-20
34	102669X	Keeper, Belt	76	110445X	Plate, Support, L.H., Mandrel
35	121676X	Mandrel Assembly	77	72110506	Bolt, Carriage 5/16-18 x 16 Gauge
36	100668L	Plate, Support, Mandrel	--	122215X	Mower Assembly Complete
37	17490614	Screw, Hex Washer Hd. 3/8-16 x 3/4	--	105814X	Decal (Mower, Housing)
38	17490620	Screw, Hex Washer Hd. 3/8-16 x 1-1/4	--	121343X	Decal, Warning (Mower, Housing)
39	121263X	Blade, 38"			
40	19132012	Washer 13/32 x 1-1/4 x 12 Gauge			

* STANDARD HARDWARE - PURCHASE LOCALLY

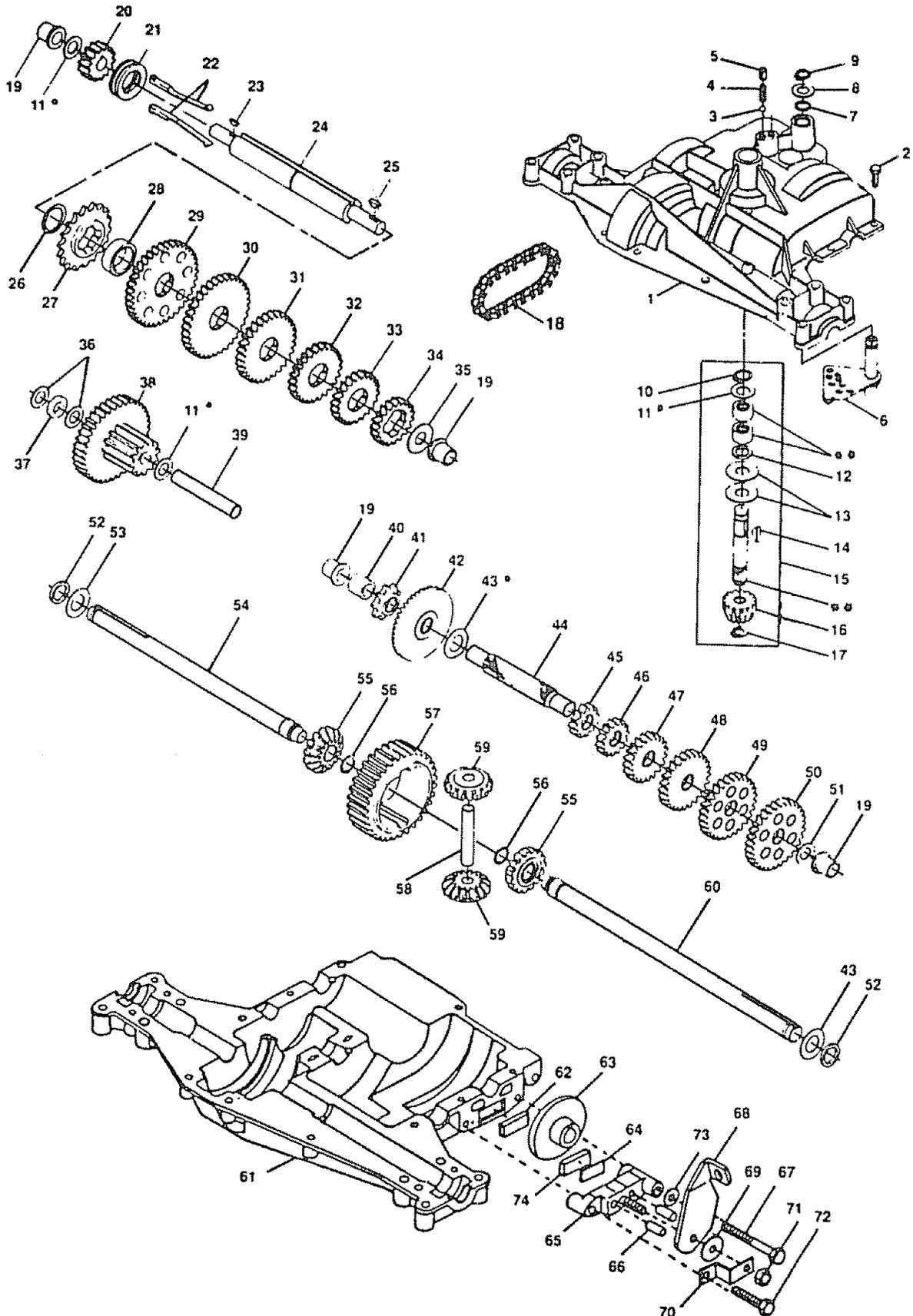
NOTE: All component dimensions given in U.S. inches.
1 inch = 25.4 mm



REPAIR PARTS

14 HP 38" RIDING LAWN TRACTOR - - MODEL NO. 917.255540

TRANSAXLE FOOTE-DANA - - MODEL NO. 4360-7



REPAIR PARTS

14 HP 38" RIDING LAWN TRACTOR - - MODEL NO. 917.255540

TRANSAXLE FOOTE-DANA - - MODEL NO. 4360-7

KEY PART NO. NO.	DESCRIPTION	KEY PART NO. NO.	DESCRIPTION
1	120458X Housing, Upper	40	120472X Spacer .635 x .875 x .755
2	2274J Screw, Tapping, Lg. 1/4-20 x .734	41	105928X Sprocket, 9 Teeth
3	68003 Ball, Detent	42	110084X Gear, Bevel, 42 Teeth
4	105904X Spring, Detent	43	108983X * Washer, Plain .758 x 1.12 x .010
5	105905X Screw, Set	43	105930X * Washer, Plain .758 x 1.12 x .015
6	120460X Assembly, Shifter	43	105931X * Washer, Plain .758 x 1.12 x .020
7	120461X O-Ring	43	105932X * Washer, Plain .758 x 1.12 x .025
8	120462X * Washer, Plain .505 x .942 x .006	43	3417J * Washer, Plain .758 x 1.25 x .020
8	120463X * Washer, Plain .505 x .942 x .010	43	106097X * Washer, Plain .758 x 1.25 x .025
8	120464X * Washer, Plain .505 x .942 x .015	43	2264J * Washer, Plain .758 x 1.25 x .031
8	120465X * Washer, Plain .505 x .942 x .020	43	106098X * Washer, Plain .758 x 1.25 x .035
8	120466X * Washer, Plain .505 x .942 x .026	43	2265J * Washer, Plain .758 x 1.25 x .040
8	83818 * Washer, Plain .505 x .942 x .030	43	106586X * Washer, Plain .758 x 1.25 x .045
8	120467X * Washer, Plain .505 x .942 x .040	43	106587X * Washer, Plain .758 x 1.25 x .050
9	2286J Ring, Retaining	43	106588X * Washer, Plain .758 x 1.25 x .055
10	2267J Ring, Retaining	43	2263J * Washer, Plain .758 x 1.25 x .062
11	3413J * Washer, Plain .632 x 1.00 x .010	44	120473X Shaft, Drive
11	2233J * Washer, Plain .632 x 1.00 x .020	45	105933X Gear, Spur, 12 Teeth
11	2232J * Washer, Plain .632 x 1.00 x .026	46	106151X Gear, Spur, 15 Teeth
11	2231J * Washer, Plain .632 x 1.00 x .031	47	120407X Gear, Spur, 20 Teeth
11	2230J * Washer, Plain .632 x 1.00 x .036	48	106589X Gear, Spur, 25 Teeth
11	2229J * Washer, Plain .632 x 1.00 x .041	49	120408X Gear, Spur, 28 Teeth
11	2228J * Washer, Plain .632 x 1.00 x .046	50	105937X Gear, Spur, 31 Teeth
11	2227J * Washer, Plain .632 x 1.00 x .050	51	2226J Washer, Plain .632 x 1.00 x .060
11	2226J * Washer, Plain .632 x 1.00 x .060	52	2272J Seal, Felt
11	105906X * Washer, Plain .632 x 1.00 x .082	53	2263J Washer, Plain .758 x 1.25 x .062
12	6725J O-Ring	54	120474X Axle, L.H.
13	120415X Washer, Plain .632 x 1.38 x .046	55	110081X Gear, Miter, 15 Teeth
14	2257J Key, Woodruff #9	56	105941X Ring, Retaining
15	110077X Assembly, Kit, Input Shaft	57	110071X Gear, Spur, 32 Teeth
16	110078X Pinion, Bevel, 14 Teeth	58	120952X Shaft, Cross
17	105909X Ring, Retaining	59	110082X Gear, Miter, 15 Teeth
18	105910X Chain, 24 Pitches	60	120475X Axle, R.H.
19	105911X Bearing, Flange	61	120476X Housing, Lower
20	108976X Gear, Spur, 14 Teeth	62	120961X Puck, Friction
21	105913X Collar, Clutch	63	7294J Disc, Brake
22	120468X Key, Clutch	64	108989X Spacer
23	2242J Key, Woodruff	65	120953X Jaw, Brake
24	120469X Shaft, Intermediate	66	120954X Pin, Dowel
25	2244J Key, Woodruff #61	67	120955X Screw, Tapping, Lg. 5/16-18 x 2.25
26	105916X Ring, Retaining	68	108992X Lever, Actuating
27	120470X Sprocket, 18 Teeth	69	108996X Washer, Plain .321 x 1.00 x .055
28	110070X Spacer	70	120956X Bracket, Anti-Rotation
29	108977X Gear, Spur, 37 Teeth	71	73810500 Locknut 5/16-24
30	109254X Gear, Spur, 35 Teeth	72	106596X Screw, Tapping, Lg. 5/16-18 x 1.44
31	120405X Gear, Spur, 30 Teeth	73	120993X Washer, Plain .343 x .81 x .059
32	108980X Gear, Spur, 25 Teeth	74	120951X Puck, Friction
33	120406X Gear, Spur, 22 Teeth	75	120416X Grease
34	108455X Gear, Spur, 19 Teeth		
35	105925X Washer, Plain .640 x 1.37 x .061		
36	2232J Washer, Plain .632 x 1.00 x .026		
37	108978X Spacer .630 x 1.00 x .169		
38	110079X Assembly, Gear, Combination 12 Teeth and 35 Teeth		
39	120471X Shaft, Idler		

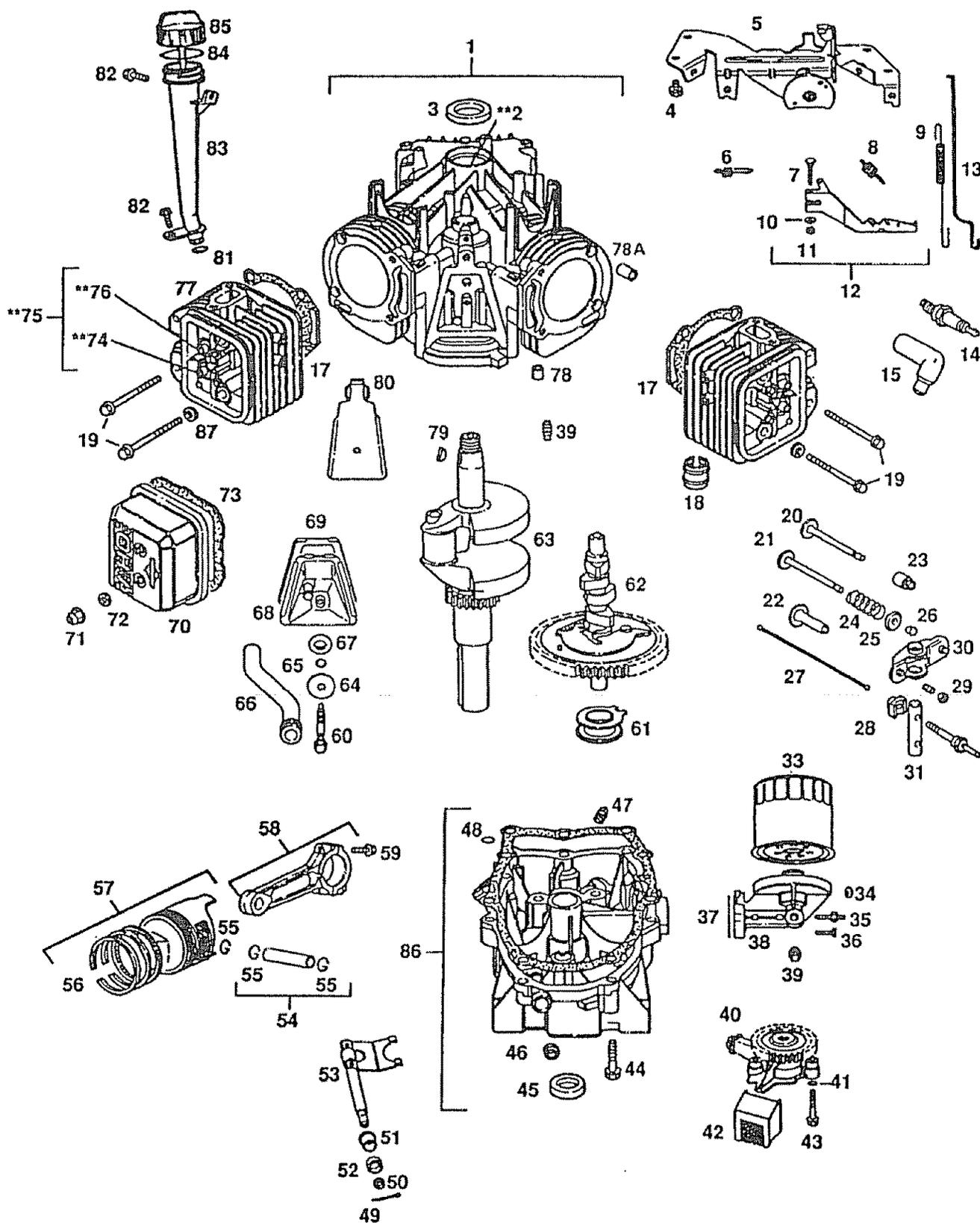
*Use in various combinations to maintain proper clearances.

**Order Key Number 15.

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

REPAIR PARTS

14 H.P. RIDING TRACTOR -- MODEL NUMBER 917.255540
ENGINE BRIGGS & STRATTON -- MODEL NUMBER 303777, TYPE 0032-02



REPAIR PARTS

14 H.P. RIDING TRACTOR -- MODEL NUMBER 917.255540

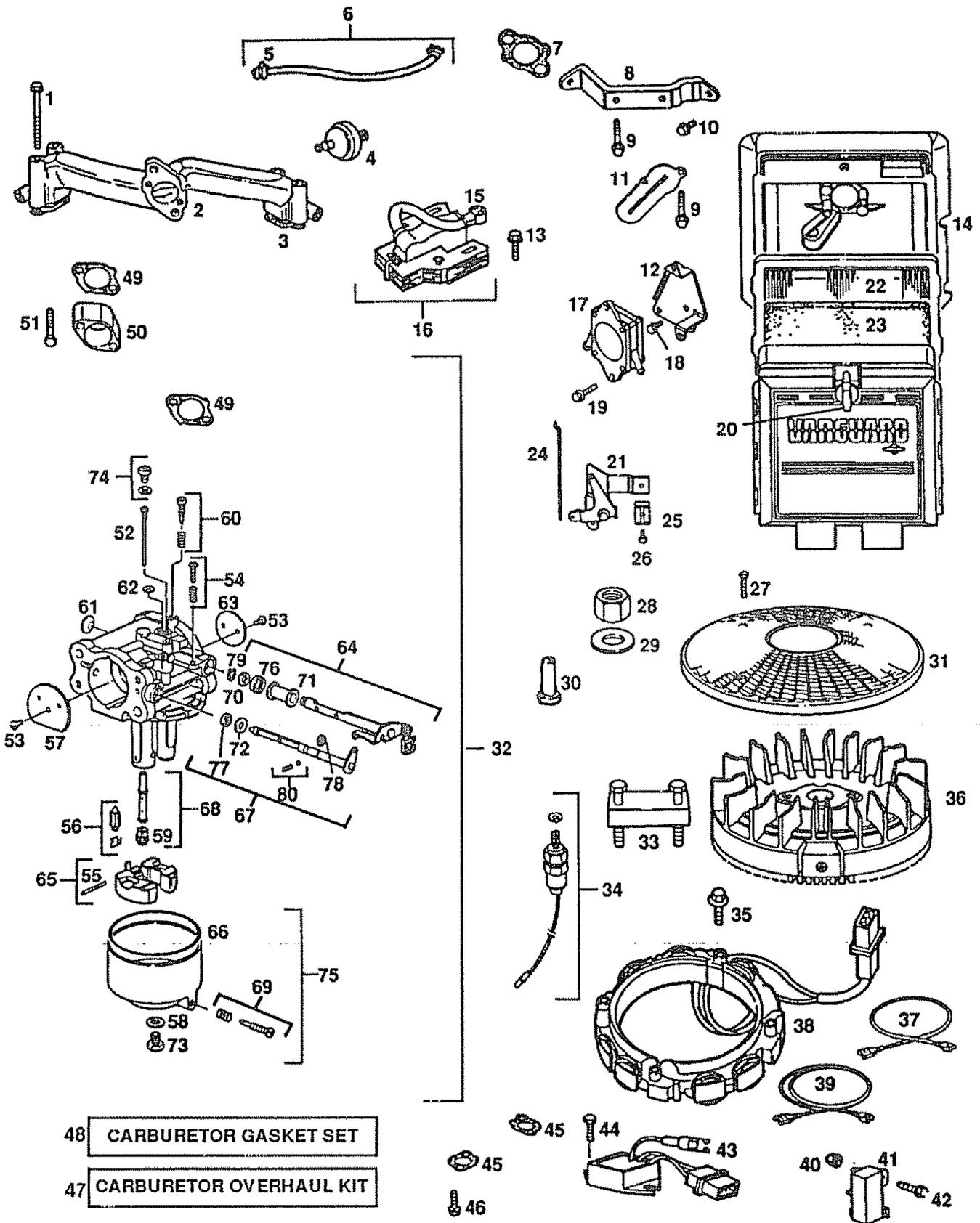
ENGINE BRIGGS & STRATTON -- MODEL NUMBER 303777, TYPE 0032-02

KEY PART NO.	NO.	DESCRIPTION	KEY PART NO.	NO.	DESCRIPTION
1	807511	Cylinder Assembly	49	805417	Pin-Cotter
2	805107	Bearing-Cylinder	50	805054	Seal-Governor Shaft
3	805101	Seal-Oil	51	805412	Bushing-Governor Shaft
4	805025	Screw-Sem	52	805413	Bushing-Governor Shaft
5	807610	Bracket-Governor Control	53	807596	Fork-Governor
6	805453	Spring-Governed Idle	54	807621	Pin Assy. Piston (Standard)
7	805381	Bolt	55	805099	Lock-Piston Pin
8	805462	Spring-Governor	56	807620	Ring Set-Piston (Standard)
9	805465	Spring-Governor Link	57	807619	Piston Assembly (Standard)
10	805018	Washer	58	807622	Rod Assembly-Connecting
11	805383	Nut-Hex	59	805395	Screw-Connecting Rod
12	807528	Lever Assembly-Governor	60	805194	Screw
13	805480	Link-Governor	61	805313	Slider-Governor
14	491055	Resistor Spark Plug (Champion RJ12 or equivalent)	62	807542	Gear-Cam
15	805529	Elbow-Spark Plug	63	807588	* Crankshaft
16	807510	Head Cylinder- (Cyl. #2)	64	805484	Washer-Breather Screw
17	805111	*+ Gasket-Cylinder Head	65	805482	Seal-Breather Screw
18	805083	Liner-Exhaust Port	66	805362	Tube-Breather
19	805097	Screw-Cylinder Head	67	805483	Seal-Breather Screw
20	805090	Valve-Intake	68	807553	* Breather Assembly
21	805089	Valve-Exhaust	69	805379	Gasket, Breather
22	805354	Tappet-Valve	70	805100	* Cover-Valve
23	805094	Seal-Valve Guide			Note: *807665 Cover-Valve Used on Cylinder #1 on Fuel Pump Applications
24	805078	Spring-Valve	71	805019	+ Nut-Nylock
25	805092	Retainer-Valve Spring	72	805420	+ Washer-Valve Cover
26	805161	Retainer-Valve	73	805028	* Valve-Cover Gasket
27	805352	Rod-Push	74	805086	Seat-Exhaust Valve
28	805341	Support-Rocker Arm	75	805084	Guide-Valve
29	807623	Screw-Valve Adjustment (Includes: Jam Nut)	76	805085	Seat-Intake Valve
30	807557	Arm-Rocker	77	807508	Head-Cylinder (Cyl. #1)
31	805342	Shaft-Rocker Arm	78	805103	Dowel-Crankcase
32	805343	Stud-Rocker Arm	78A	805102	Dowel-Cylinder Head
33	492932	Filter-Oil	79	805016	Key-Flywheel
34	805449	Washer, Lock	80	805197	Baffle-Breather
35	805073	Stud-Oil Filter Adapter	81	805011	Seal-Filler Tube
36	805030	Screw-Sem	82	805317	Screw-Mounting
37	805250	* Gasket-Oil Filter Adapter	83	807611	Tube-Oil Filler
38	805292	Adapter-Oil Filter	84	805012	O-Ring
39	805059	Plug-Pipe	85	807516	Dipstick
40	807644	Oil Pump Assembly	86	807638	Cover Assembly-Crankcase
41	805058	O-Ring (Oil Pump)	87	805193	+ Washer-Cylinder Head
42	805312	Screen-Oil			*Included in Gasket Set - Part No. 807640
43	805057	Screw-Sem			+Included in Valve Overhaul Kit - Part No. 807668
44	805017	Screw-Crankcase Cover			
45	805049	Seal-Oil			
46	805416	Washer-Governor Shaft			
47	805048	Plug-Oil Drain			
48	805198	O-Ring (Crankcase) Cover			

Note: All component dimensions given in U.S. inches. 1 inch = 25.4mm
 A RESISTOR SPARK PLUG MUST BE USED IN ORDER TO COMPLY WITH RADIC INTERFERENCE REGULATIONS

REPAIR PARTS

14 H.P. RIDING TRACTOR -- MODEL NUMBER 917.255540
 ENGINE BRIGGS & STRATTON -- MODEL NUMBER 303777, TYPE 0032-02



48 CARBURETOR GASKET SET

47 CARBURETOR OVERHAUL KIT

REPAIR PARTS

14 H.P. RIDING TRACTOR -- MODEL NUMBER 917.255540

ENGINE BRIGGS & STRATTON -- MODEL NUMBER 303777, TYPE 0032-02

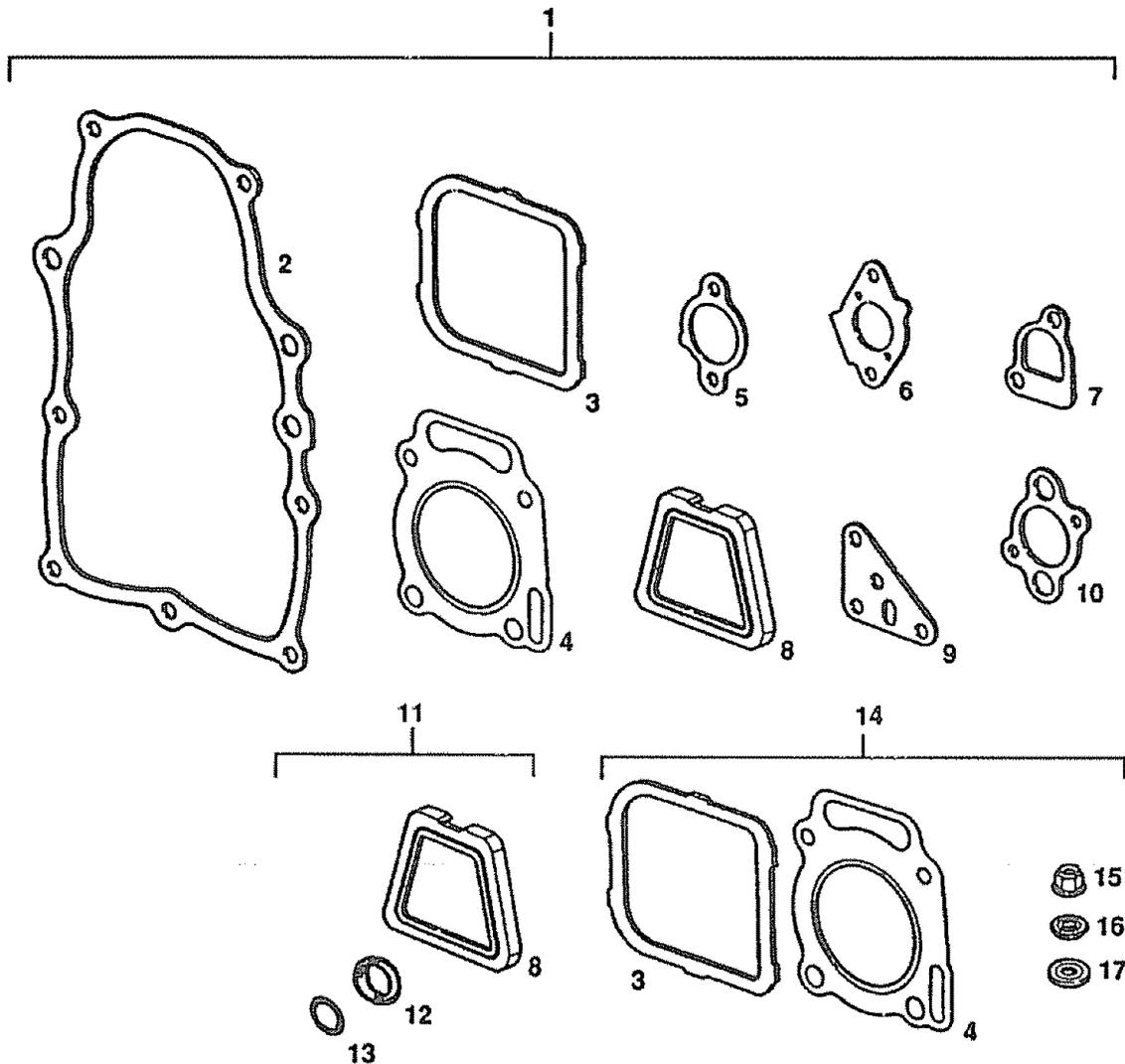
KEY PART NO. NO.	DESCRIPTION	KEY PART NO. NO.	DESCRIPTION
1 805006	Screw-Sem	42 805169	Screw-Hex. Head
2 805409	Manifold Assembly-Intake	43 394890	Regulator-Alternator
3 805023	* Gasket-Intake Manifold	44 805448	Screw-Regulator Mtg.
4 394358	* Filter-Fuel	45 805024	* Gasket-Exhaust Manifold
5 93053	Clamp-Hose	46 805158	Screw-Sem
6 393815	Hose-Fuel (Cut to Required Length)	47 — — —	Carburetor Overhaul Kit
7 805003	* Gasket-Air Cleaner	48 — — —	Carburetor Gasket Set
8 807576	Bracket-Air Cleaner	49 805149	* Gasket-Carburetor Mtg.
9 805405	Screw-Air Cleaner Base	50 805329	Spacer-Carburetor
10 805406	Screw-Sem	51 805360	Screw-Sem
11 805370	Deflector-Breather (A.C.)	52 805565	** Nozzle-Carburetor
12 807685	Bracket-Fuel Pump	53 805561	Screw-Valve Mtg.
13 805407	Screw-Mounting	54 807705	Screw-Throttle Adj.
14 807564	Base-Air Cleaner	55 805586	** Pin-Float Hinge
15 221798	Terminal-Ignition Cable	56 807706	** Valve-Fuel Inlet
16 490586	Armature-Magneto	57 805562	Valve-Choke Gasket-Sealing (Sold in kit only)
17 491922	Pump-Fuel	59 — — —	** Jet-Main (Sold in kit and ref.147.)
18 805025	Screw-Sem	60 807707	Valve Assy. Carb. Idle
19 805407	Screw-Mounting	61 805570	** Plug-Welch
20 807565	Screw-Air Cleaner Mtg.	62 805571	** Plug-Welch
21 807609	Bracket-Choke Control	63 805522	Valve-Throttle
22 805113	Filter-Air Cleaner	64 807709	Shaft-Throttle
23 805267	Pre-Filter	65 807710	Float Assy.-Carb.
24 805439	Link-Choke	66 — — —	** Gasket Float Bowl (Sold in kit only)
25 221535	Clamp-Casing	67 807711	Shaft-Choke
26 805169	Screw-Hex. Head	68 807712	** Nozzle
27 805447	Screw-Sem	69 807713	Drain-Carb. Bowl
28 805021	Nut-Hex	70 805576	** Collar-Throttle
29 805007	Washer-Spring	71 805574	** Collar-Throttle
30 805402	Spacer	72 805580	** Collar-Choke
31 280829	Screen-Rotating	73 805592	Screw-Bowl Mtg.
32 807639	Carburetor Assembly	74 807714	Plug and Seal Carb.
33 19203	Puller-Flywheel	75 807715	Bowl Assy. Float
34 807646	Solenoid	76 805575	** Seal-Throttle Shaft
35 805407	Screw-Mounting	77 805581	** Seal-Choke Shaft
36 807531	Flywheel & Ring Gear	78 805578	Retainer-Choke Shaft
37 807594	Wire-Ground (Cyl. #1)	79 805577	Retainer-Throttle Shaft
38 393295	Stator-Alternator	80 807717	Ball-Choke Locator
39 807593	Wire-Ground (Cyl. #2)		
40 805496	Nut-Nylock		
41 807527	Terminal-Ground		

*Included in Gasket Set-Part No. 807640

**Included in Carburetor Overhaul Kit Part No. 807708

REPAIR PARTS

14 H.P. RIDING TRACTOR -- MODEL NUMBER 917.255540
 ENGINE BRIGGS & STRATTON -- MODEL NUMBER 303777, TYPE 0032-02



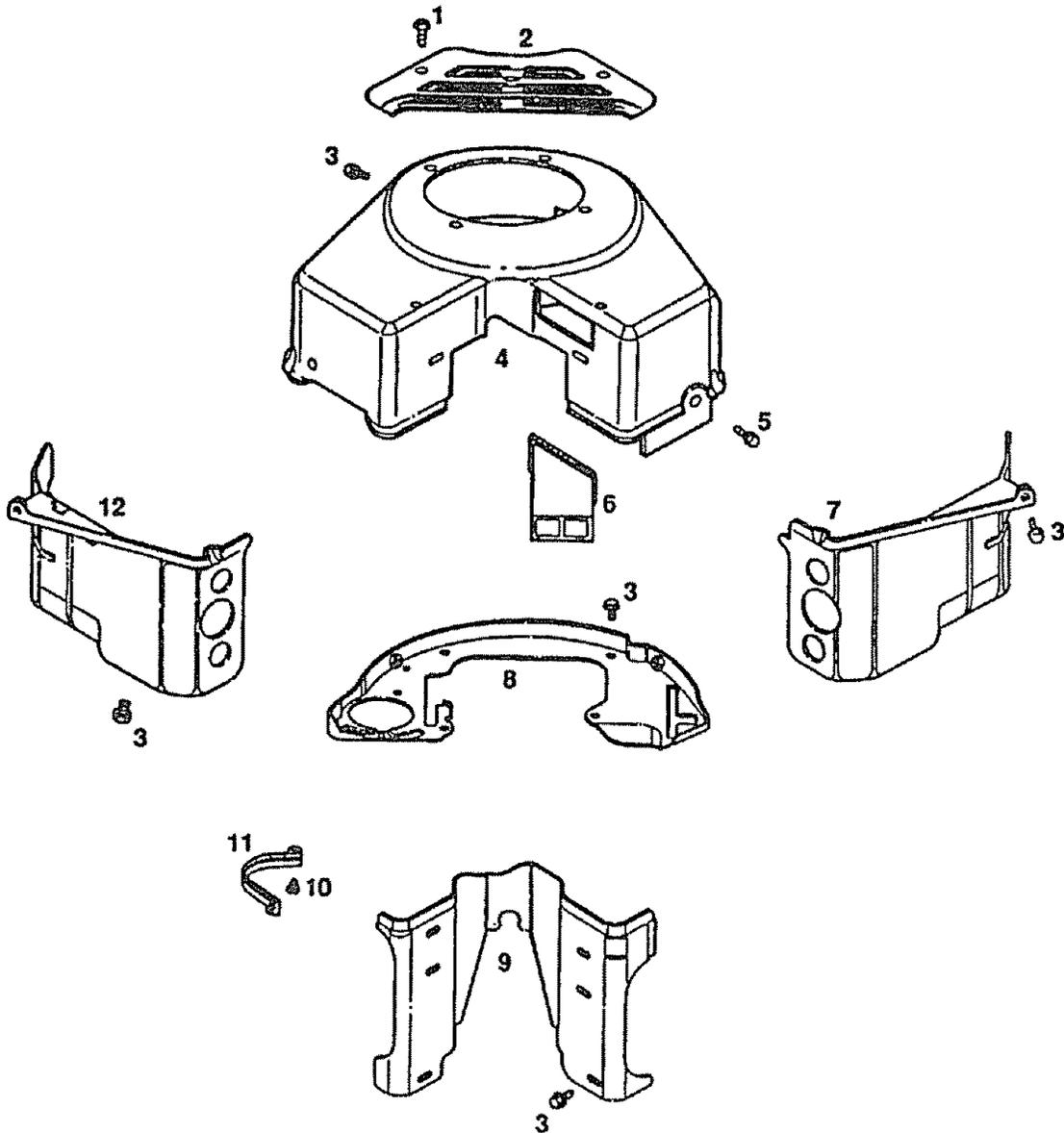
KEY PART NO. NO.	DESCRIPTION
1 807640	Gasket Set
2 805112	* Gasket-Crankcase Cover
3 805028	*+ Gasket-Valve Cover
4 805111	*+ Gasket-Cylinder Head
5 805024	* Gasket-Exhaust Manifold
6 805149	* Gasket-Carburetor Mtg.
7 805023	* Gasket-Intake Manifold
8 805379	* Gasket-Breather
9 805250	* Gasket-Oil Filter Adapter

KEY PART NO. NO.	DESCRIPTION
10 805003	* Gasket-Air Cleaner
11 807688	Breather Gasket Set
12 805483	Seal-Breather Screw
13 805482	Seal-Breather Screw
14 807668	Overhaul Kit-Valve
15 805019	+ Nut-Nylock
16 805420	+ Washer-Valve Cover
17 805193	+ Washer-Cylinder Head

*Included in Gasket Set - part No. 807640
 +Included in Valve Overhaul Kit - Part No. 807668

REPAIR PARTS

14 H.P. RIDING TRACTOR -- MODEL NUMBER 917.255540
 ENGINE BRIGGS & STRATTON -- MODEL NUMBER 303777, TYPE 0032-02



KEY PART
NO. NO.

DESCRIPTION

1	805009	Screw-Sem
2	805369	Cover-Carburetor
3	805406	Screw-Sem
4	807662	Housing-Blower
5	805025	Screw-Sem
6	805363	Tube-Air Inlet

KEY PART
NO. NO.

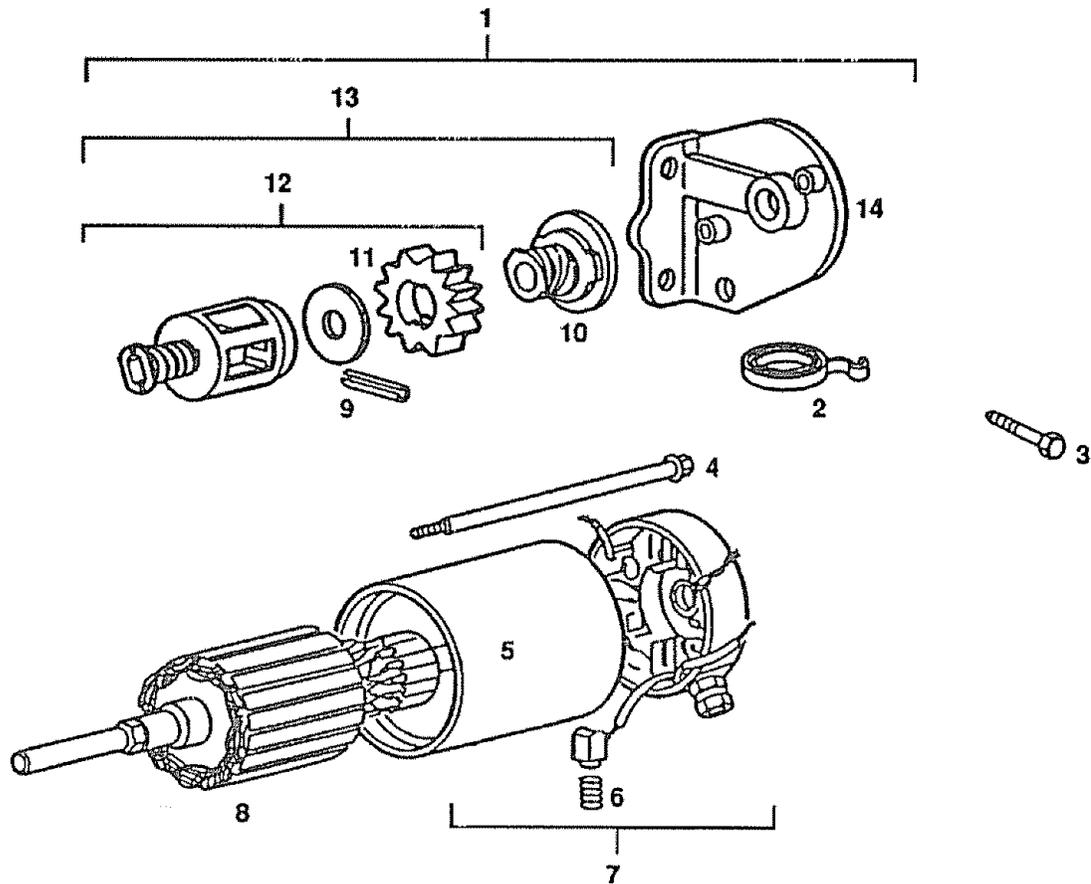
DESCRIPTION

7	807657	Cover-Air Guide (Cyl. #2)
8	807663	Back Plate Assembly
9	807660	Valley Cover-Air Guide
10	805260	Screw-Sem
11	805505	Shield-Starter
12	807656	Cover-Air Guide (Cyl. #1)

REPAIR PARTS

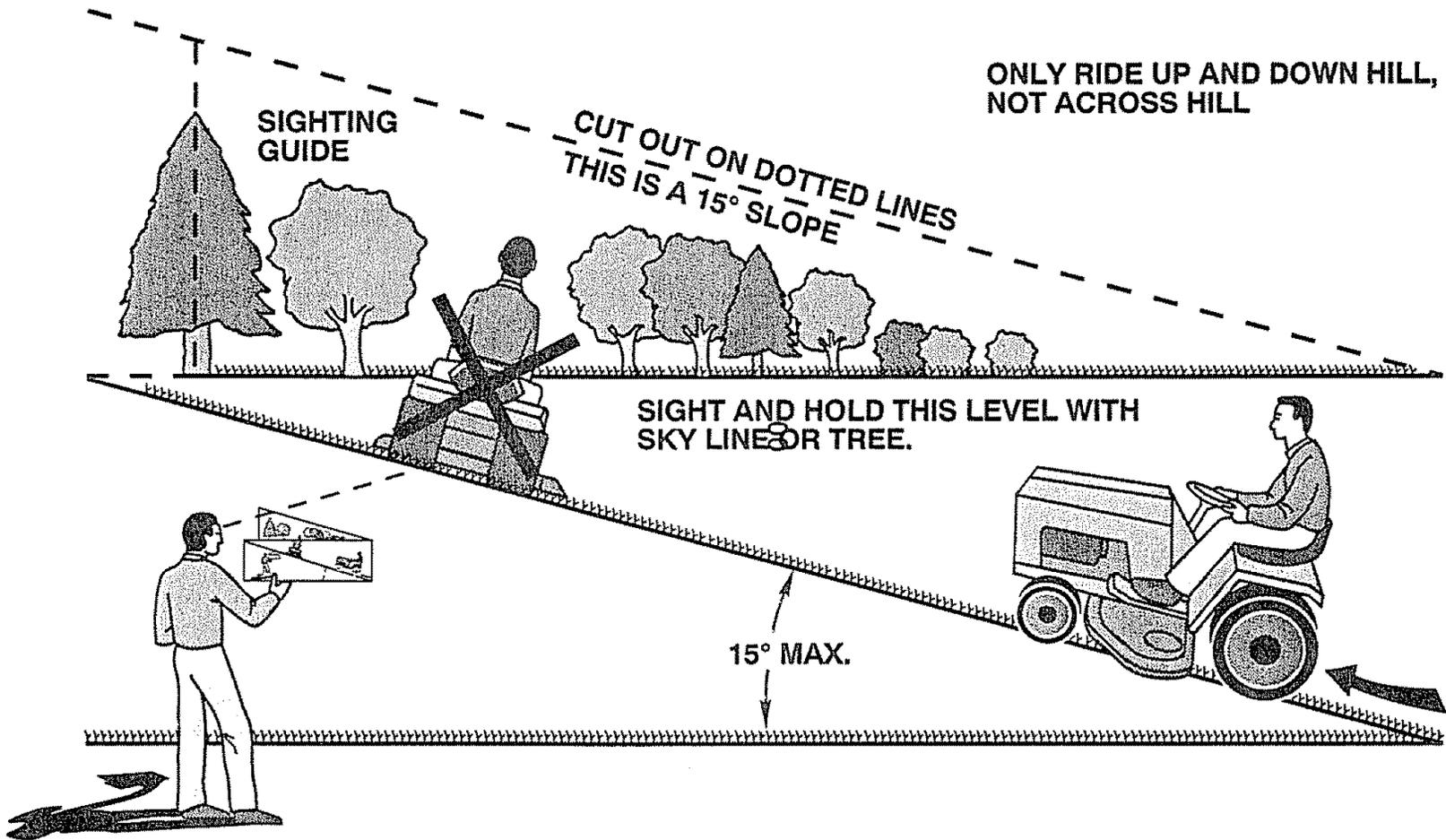
14 H.P. RIDING TRACTOR -- MODEL NUMBER 917.255540

ENGINE BRIGGS & STRATTON -- MODEL NUMBER 303777, TYPE 0032-02



KEY PART NO. NO.	DESCRIPTION	KEY PART NO. NO.	DESCRIPTION
1 399169	Motor-Starting	8 490309	Armature Assembly
2 490316	Brush Spring Set	9 94288	Roll Pin
3 805247	Screw-Starter Mtg.	10 398003	Clutch Assembly
4 94169	Bolt	11 280104	Gear
5 399172	Housing Assembly	12 490467	Retainer Kit
6 490311	Brush Assembly	13 490421	Drive Assembly
7 490310	Cap Assembly-Commutator End	14 394857	Cap Assembly-Commutator End

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. C917.255540

HOW TO ORDER REPAIR PARTS

CRAFTSMAN®

14.0 HP TWIN CYLINDER ELECTRIC START 38" 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 Service Centre and most Retail Stores.

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION:

- **PRODUCT - LAWN TRACTOR**
- **MODEL NUMBER - 917.255540**
- **ENGINE MODEL NUMBER - 303777, TYPE NUMBER 0032-03**
- **PART NUMBER**
- **PART DESCRIPTION**

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

Sears, Roebuck and Co., Chicago, IL 60684 U.S.A.