

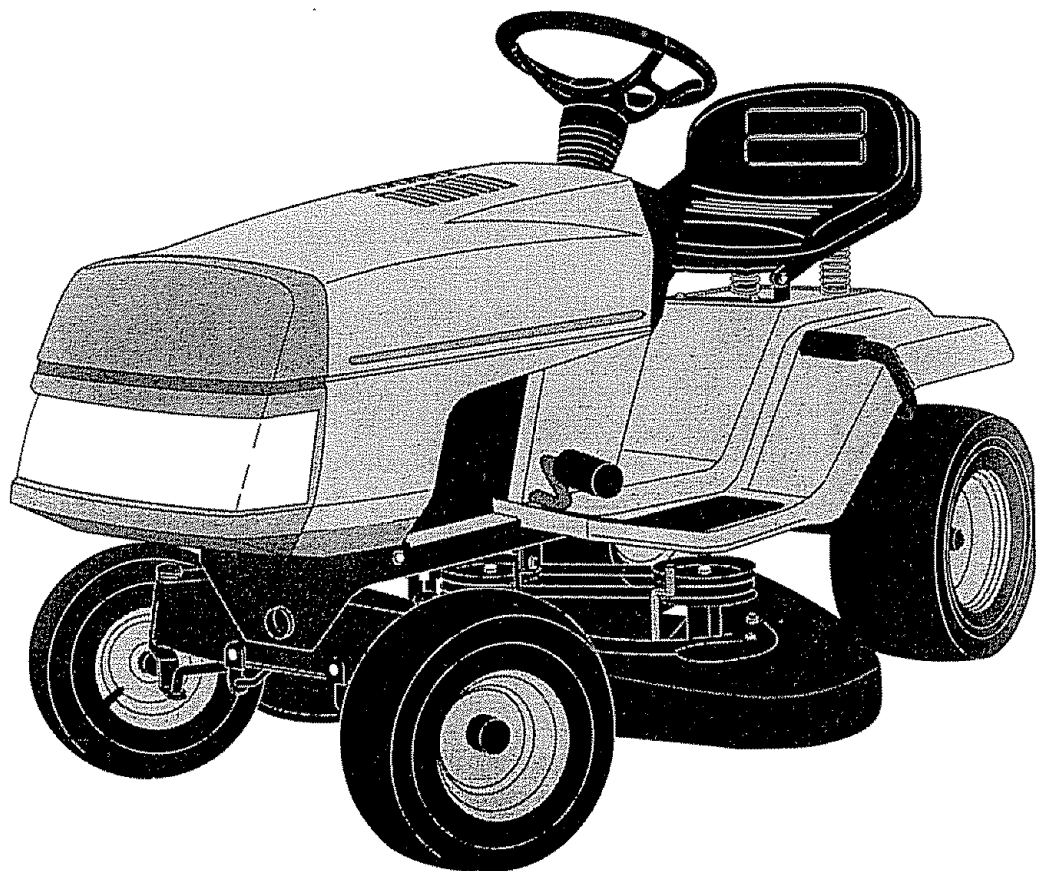
SEARS

CRAFTSMAN[®]

MODEL NUMBER 917.256922 OWNER'S MANUAL

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

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



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



SAFETY RULES

Safe Operation Practices for Ride-On Mowers



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

I. GENERAL OPERATION

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

II. SLOPE OPERATION

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

DO:

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

DO NOT:

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

III. CHILDREN

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

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

IV. SERVICE

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



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



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

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

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

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

MODEL NUMBER	917.256922
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 tractor. Contact your nearest Sears store for details.

CUSTOMER RESPONSIBILITIES

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

PRODUCT SPECIFICATIONS

HORSEPOWER:	12
GASOLINE CAPACITY:	1.4 GALLONS UNLEADED REGULAR
OIL (3.0 PINTS)	SAE 30 (above 32°F) 5W-30 (below 32°F)
SPARK PLUG (GAP .030 IN.):	CHAMPION RJ-19LM STD361458
VALVE CLEARANCE:	INTAKE .005 - .007 IN. EXHAUST .009 - .011 IN.
GROUND SPEED:	FORWARD 1st .95 MPH 2rd 1.94 MPH 3th 2.91 MPH 4th 3.71 MPH 5th 4.76 MPH REVERSE: 1.46 MPH
TIRE PRESSURE:	FRONT: 14 PSI REAR: 12 PSI
CHARGING SYSTEM:	5 AMPS HEADLIGHTS 3 AMPS BATTERY
BLADE BOLT TORQUE:	30-35 FT. LBS.

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

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

LIMITED TWO YEAR WARRANTY ON ELECTRIC START RIDING EQUIPMENT

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

This Warranty does not cover:

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

LIMITED 90 DAY WARRANTY ON BATTERY

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

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

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

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

TABLE OF CONTENTS

SAFETY RULES	2	OPERATION	10-13
PRODUCT SPECIFICATIONS	3	MAINTENANCE SCHEDULE	14
CUSTOMER RESPONSIBILITIES	3, 14-17	SERVICE AND ADJUSTMENTS	18-22
WARRANTY	3	STORAGE	23
TABLE OF CONTENTS	4	TROUBLESHOOTING	24-25
INDEX	4	REPAIR PARTS - TRACTOR	27-43
TRACTOR ACCESSORIES	5	REPAIR PARTS - ENGINE	46-50
ASSEMBLY	7-9	PARTS ORDERING/SERVICE	BACK PAGE



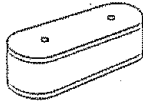



INDEX

A		E		O	
Accessories	5	Electrical:		Oil:	
Adjustments:		Interlocks and Relays	21	Cold Weather Conditions	12,16
Brake	20	Schematic	26	Engine	16
Carburetor	22	Wiring Diagram	28	Storage	23
Mower		Engine:		Operation	10-13
Front-To-Back	19	Air Filter	17	Operating Mower	12
Side-To-Side	19	Air Filter Foam Pre-Cleaner	17	Options:	
Throttle Control Cable	22	Air Screen	17	Accessories	5
Air Filter, Engine	17	Cooling Fins, Engine	17	Spark Arrester	3,38
Air Screen, Engine	17	Oil Change	16	P	
Assembly	7-9	Oil Level	12,16	Parking Brake	10-11
B		Oil Type	16	Parts Bag	6
Battery:		Preparation	12	Parts, Replacement/Repair	27-43
Charging	8	Repair Parts	46-50	Product Specifications	3
Cleaning	16	Starting	13	R	
Installation	9	Storage	23	Repair Parts	27-43
Levels	8,15	F		S	
Preparation	8	Filter:		Safety Rules	2
Starting with Weak Battery	21	Air Filter	17	Seat	8
Storage	23	Air Filter Foam Pre-Cleaner	17	Service and Adjustments	18-22
Terminals	16	Fuel	17	Carburetor	22
Belt:		Fuel:		Fuse	21
Motion Drive		Type	13	Hood Removal/Installation	21
Removal/Replacement	20	Storage	23	Motion Drive Belt	
Blade:		Fuse	21	Removal/Replacement	20
Sharpening	15	H		Mower Adjustment:	
Replacement	15	Hood Removal/Installation	21	Front- to-Back	19
Brake Adjustment	20	L		Side-to-Side	19
C		Leveling Mower Deck	19	Mower Removal	18
Carburetor Adjustment	22	Lubrication:		Tire Care	8,15,21
Controls, Tractor	10	Chart	14	Slope Guide Sheet	51
Customer Responsibilities	3,14-17	M		Spark Plugs	17
Engine:		Maintenance Schedule	14	Specifications	3
Air Filter	17	Mower:		Starting the Engine	12-13
Air Filter Foam Pre-Cleaner	17	Adjustment, Front-to-Back	19	Steering Wheel	7,20
Air Screen, Engine	17	Adjustment, Side-to-Side	19	Stopping the Tractor	11
Battery	15	Blade Sharpening	15	Storage	23
Cooling Fins, Engine	17	Blade Replacement	15	T	
Engine Oil	16	Cutting Height	12	Throttle Control Cable Adjustment	22
Fuel Filter	17	Installation	18	Tires	8,15,21
Spark Plugs	17	Operation	12	Trouble Shooting Chart	24-25
Tractor:		Removal	18	Transaxle Repair Parts	44-45
Blade	15	Mowing Tips	13	W	
Lubrication Chart	14	Muffler	17	Warranty	3
Maintenance Schedule	14	Spark Arrester	3,38	Wiring Diagram	28
Tire Care	8,15,21			Wiring Schematic	26
Cutting Height, Mower	12				



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.

CARTS make hauling easy. Variety of sizes available.

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

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

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

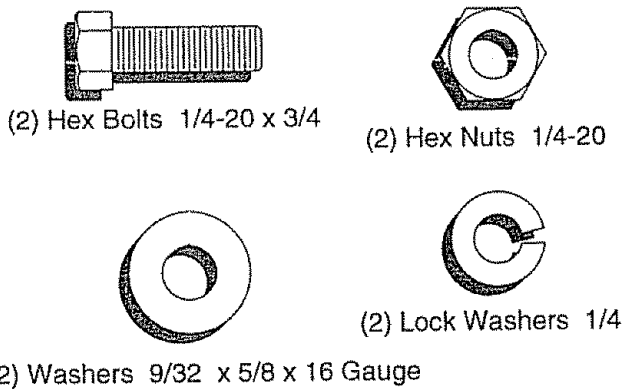
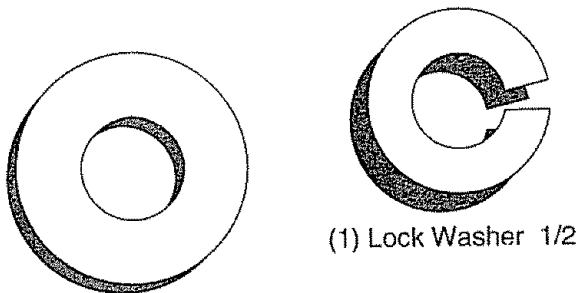
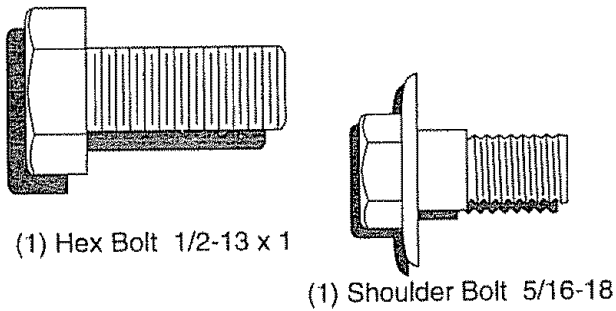
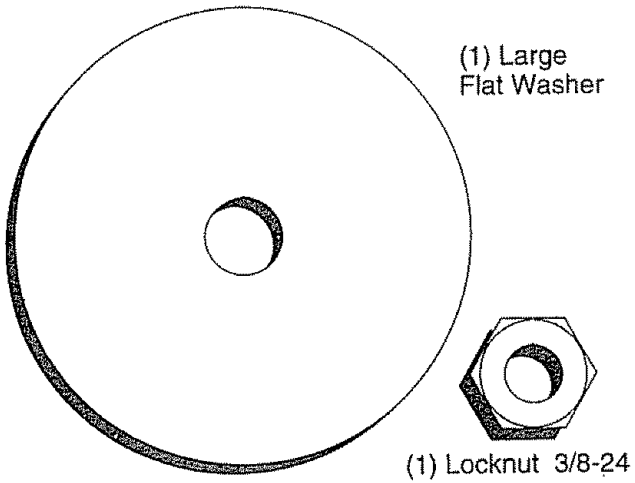
AERATOR promotes deep root growth for a healthy lawn. Tapered 2.5-inch steel spikes mounted on 10-inch diameter discs puncture holes in soil at close intervals to let moisture soak in. Steel weight tray for increased penetration.

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

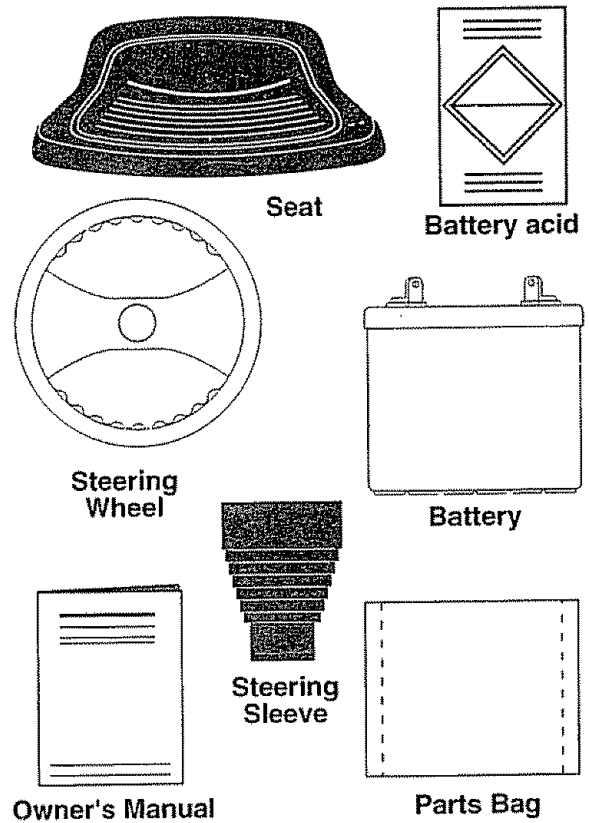
SPRAYERS use 12-volt DC electric motor that connects to the tractor battery or other 12-volt source. Includes booms for automatic spraying when pulling, and hand held wand for spot spraying. Wand has adjustable spray pattern. For applying herbicides, insecticides, fungicides, and liquid fertilizers.

CONTENTS OF HARDWARE PACK

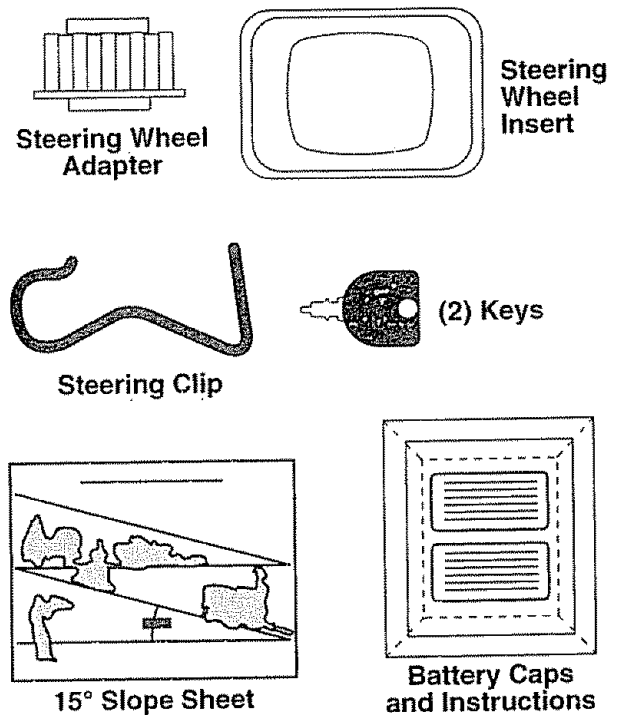
Parts Bag contents shown full size



Parts packed separately in carton



Parts bag contents not shown full size



ASSEMBLY

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

TOOLS REQUIRED FOR ASSEMBLY

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

- | | |
|--------------------|---------------------|
| (1) 9/16" wrench | Pliers |
| (2) 7/16" wrenches | Tire pressure gauge |
| (1) 1/2" wrench | Screwdriver |
| (1) 3/4" wrench | Utility knife |

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

TO REMOVE TRACTOR FROM CARTON UNPACK CARTON

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

BEFORE ROLLING TRACTOR OFF SKID ATTACH STEERING WHEEL

POSITION STEERING SHAFT (See Fig. 1) -

- Lift hood.
- Pull steering shaft up to engage gears.
- Push steering clip through hole on steering shaft at 45° (hole is located under dash and above lower steering bushing).
- Push steering clip onto steering shaft until steering clip snaps into place.

INSTALL STEERING WHEEL (See Fig. 2) -

- Slide the steering sleeve over the steering shaft (bottom of sleeve goes over ring on dash).
- Slide steering wheel adapter onto upper steering shaft.
- Position front wheels of the tractor so they are pointing straight forward.
- Position steering wheel so cross bars are horizontal (left to right) and slide onto adapter.
- Assemble large flat washer and 3/8-24 locknut and tighten securely.
- Snap insert into center of steering wheel.
- Remove protective plastic from tractor hood and grill.

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

TO ROLL TRACTOR OFF SKID (See Fig. 7)

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

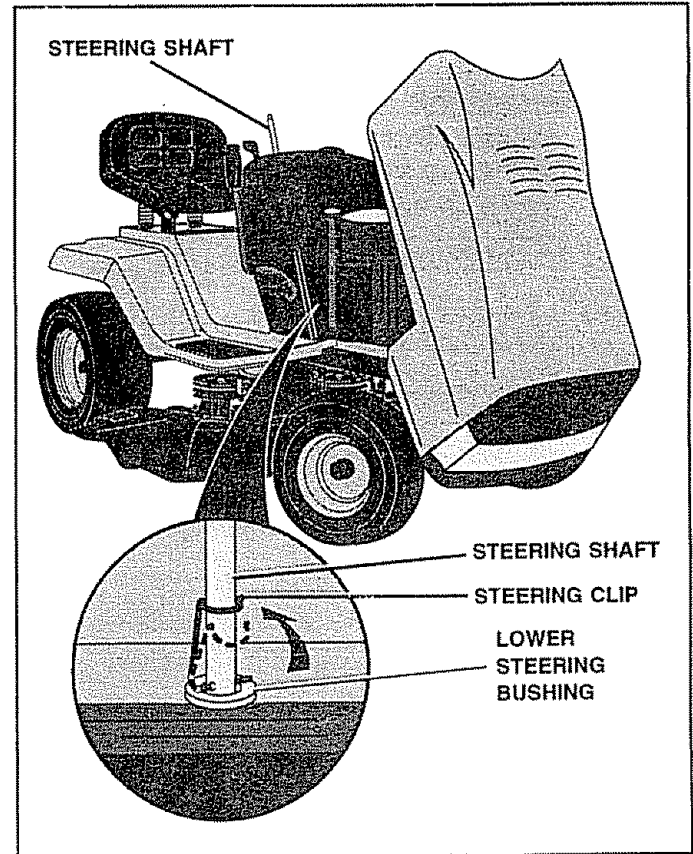


FIG. 1

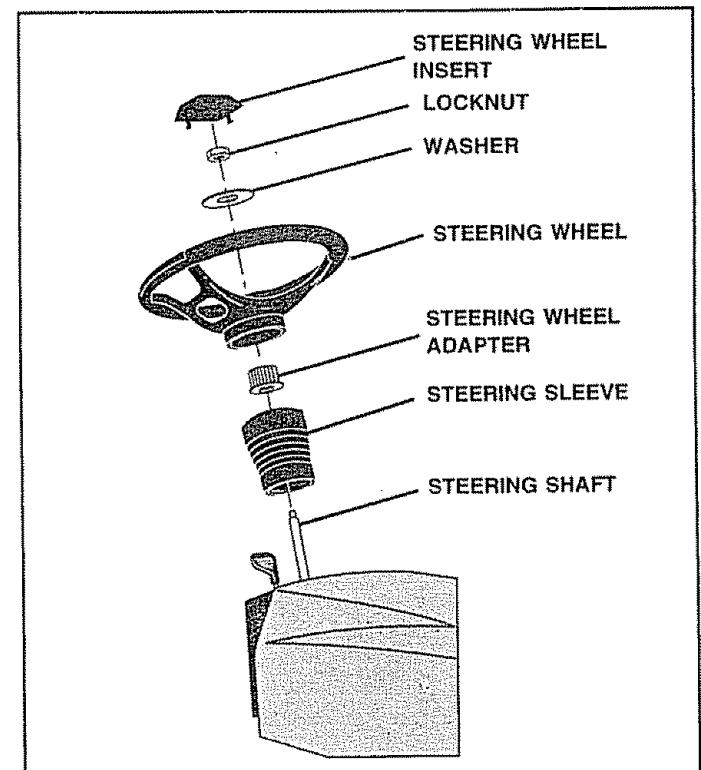


FIG. 2

ASSEMBLY

HOW TO SET UP YOUR TRACTOR

PREPARE BATTERY (See Fig. 3)



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

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

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

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

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

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

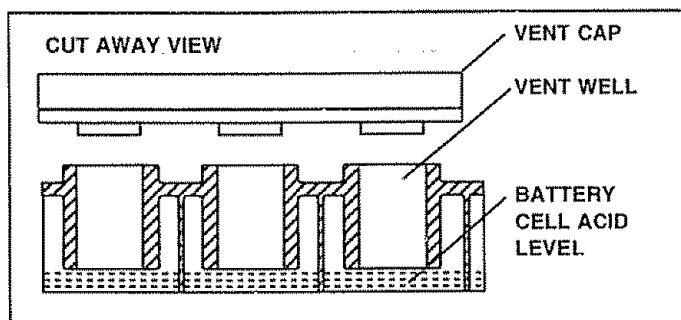


FIG. 3

INSTALL SEAT (See Fig. 4)

Adjust seat before tightening adjustment bolt.

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

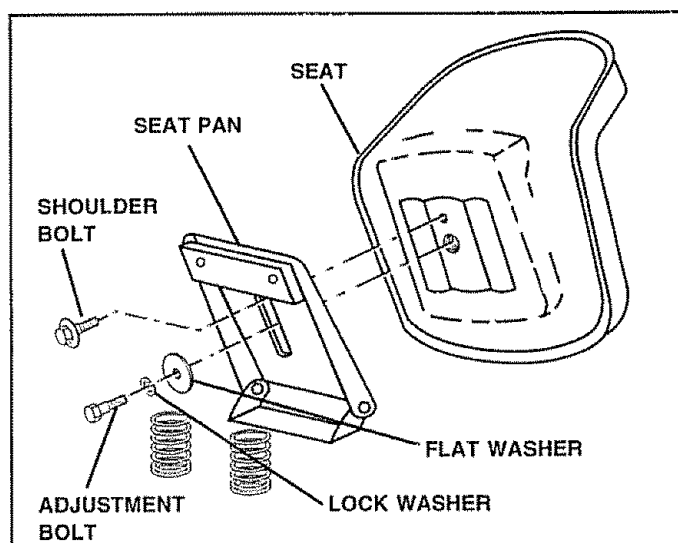


FIG. 4

CHECK TIRE PRESSURE

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

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

CHECK DECK LEVELNESS

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

CHECK FOR PROPER POSITION OF ALL BELTS

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

CHECK BRAKE SYSTEM

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

ASSEMBLY

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.

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

Use terminal access doors for:

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

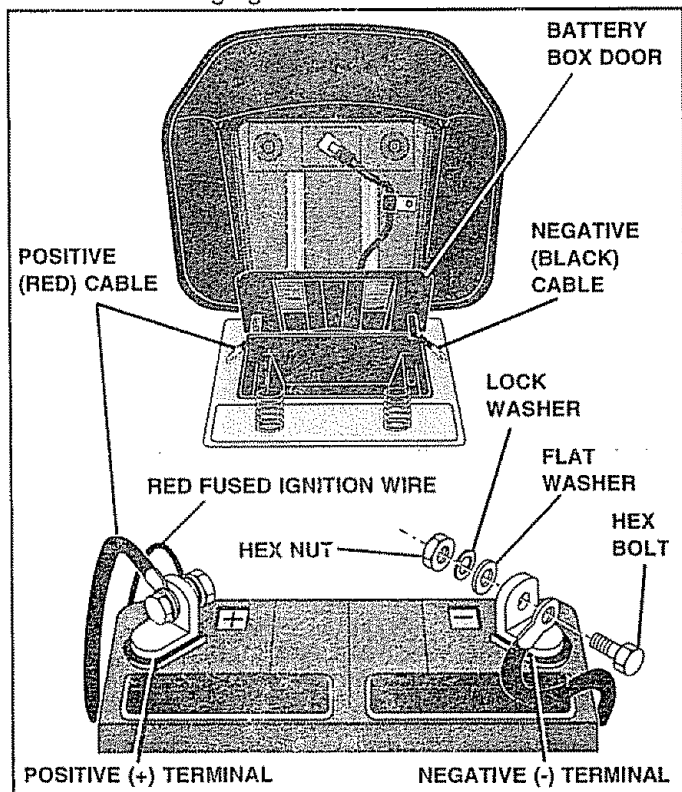


FIG. 5

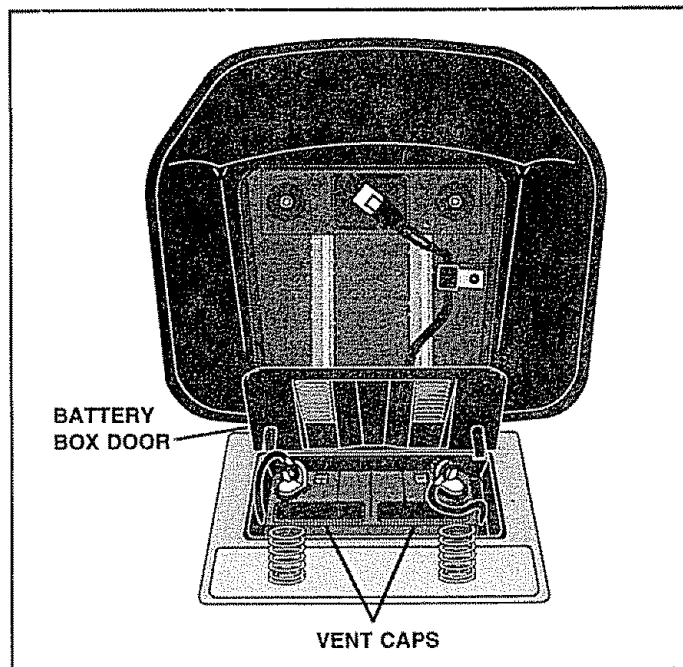


FIG. 6

✓ 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 & SAFETY RULES BEFORE OPERATING YOUR TRACTOR.

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

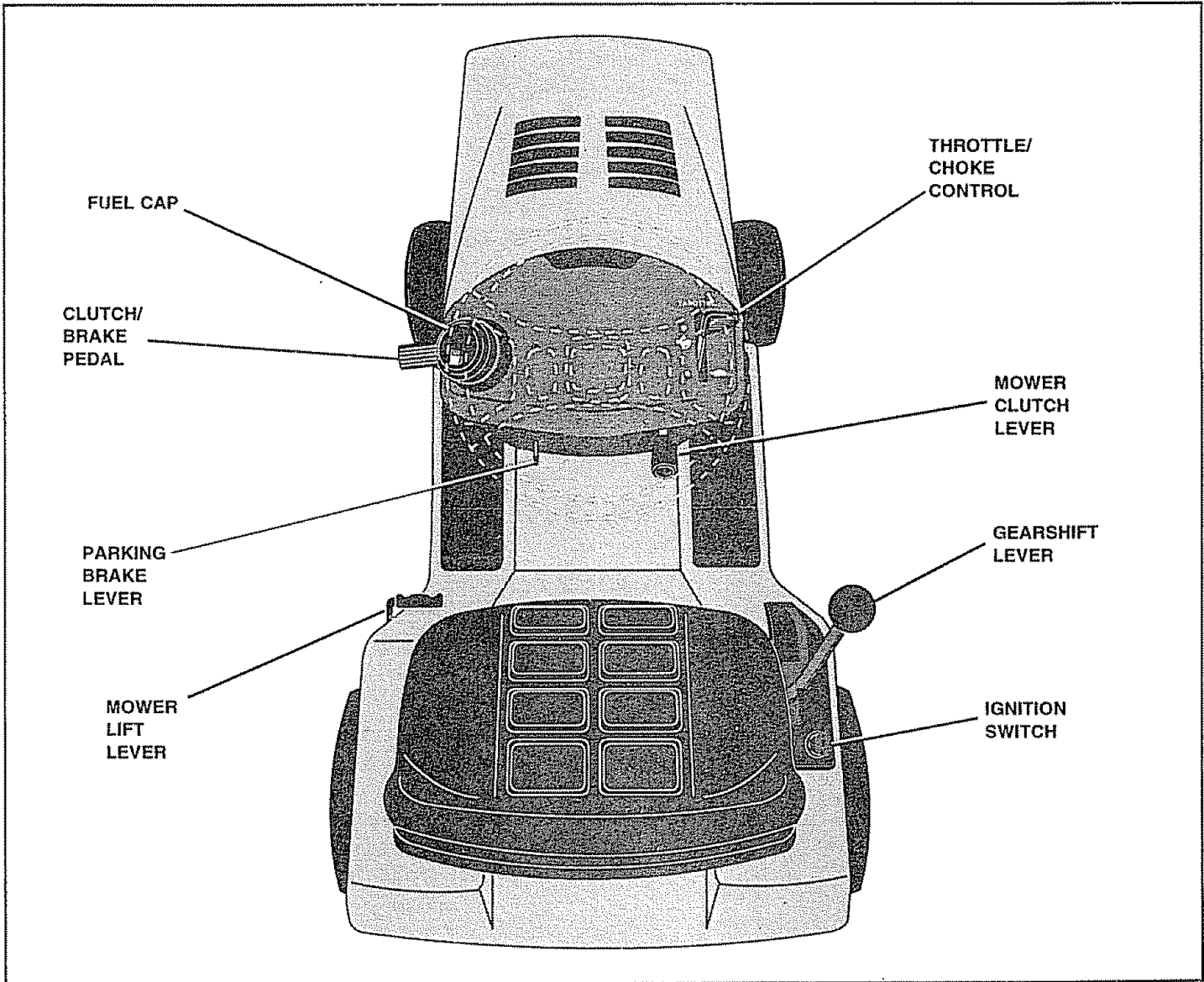


FIG. 7

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

IGNITION SWITCH: Used for starting and stopping the engine.

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

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

GEARSHIFT LEVER: Selects the speed and direction of tractor.

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

MOWER CLUTCH LEVER: Used to engage the mower blades.

MOWER LIFT LEVER: Used to raise and lower the mower deck.

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 before starting your tractor and while moving. 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 tractor secure.

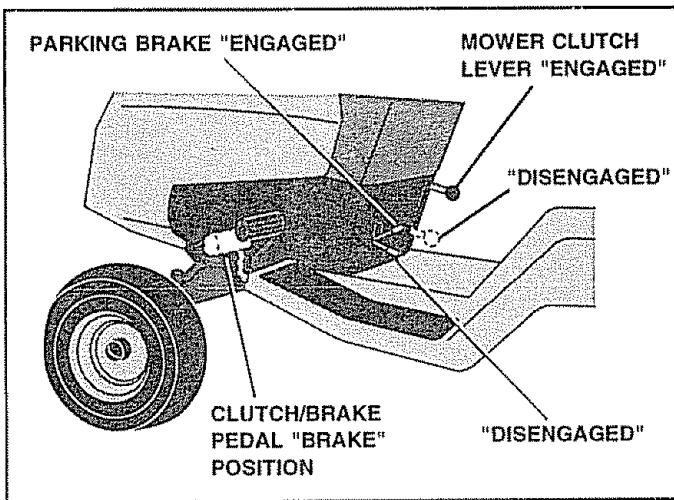


FIG. 8

STOPPING (See Figs. 8 and 9)

MOWER BLADES -

- Move mower clutch lever to "DISENGAGED" position.

GROUND DRIVE -

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

ENGINE -

- Move throttle control to "SLOW" position.

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

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

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



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

TO USE THROTTLE CONTROL (See Fig. 9)

Always operate engine at full throttle.

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

TO MOVE FORWARD AND BACKWARD (See Figs. 8 and 9)

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

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

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

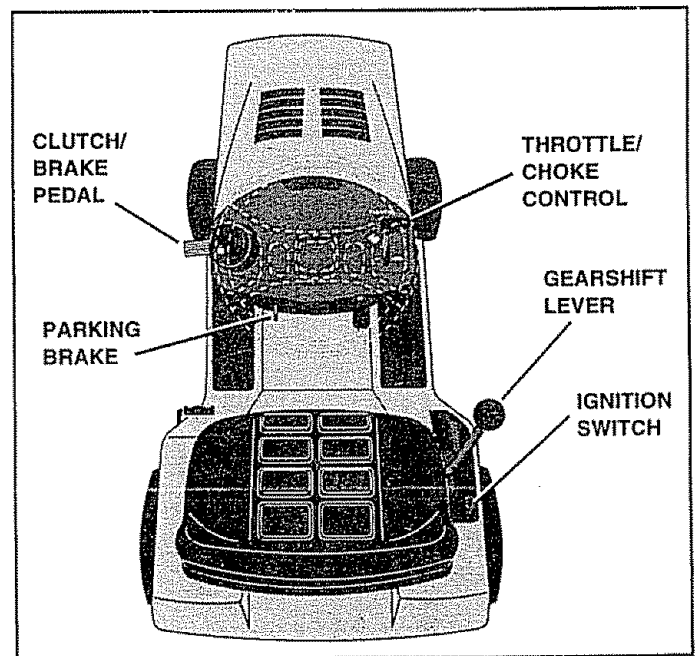


FIG. 9

OPERATION

TO ADJUST MOWER CUTTING HEIGHT

(See Fig. 10)

The position of the mower lift lever determines the cutting height. The position of the mower lift lever can be adjusted to desired position.

- Grasp lift lever as shown, lift away from fender and move forward or back to desired position.

The cutting height range is approximately 1-1/8" to 3-5/8". 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 type of grass being mowed.

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

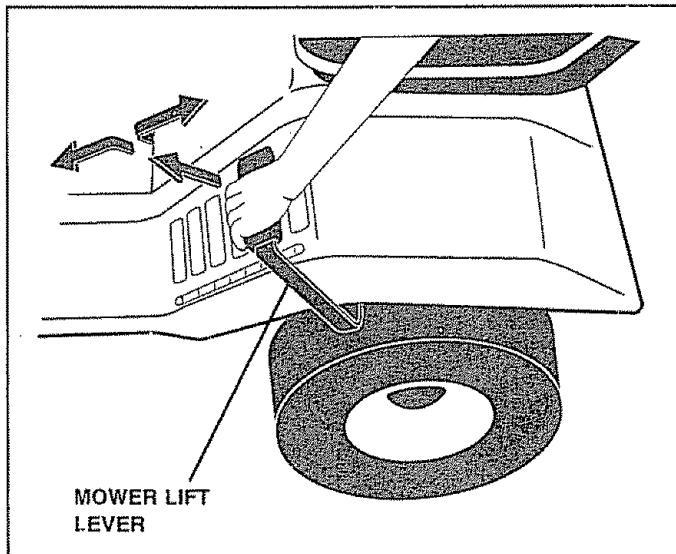


FIG. 10

TO OPERATE MOWER (See Figs. 10 and 11)

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

- Select desired height of cut.
- Engage mower by slowly moving mower clutch lever to "ENGAGED" position.
- TO STOP MOWER - Move mower clutch lever to "DISENGAGED" position.



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

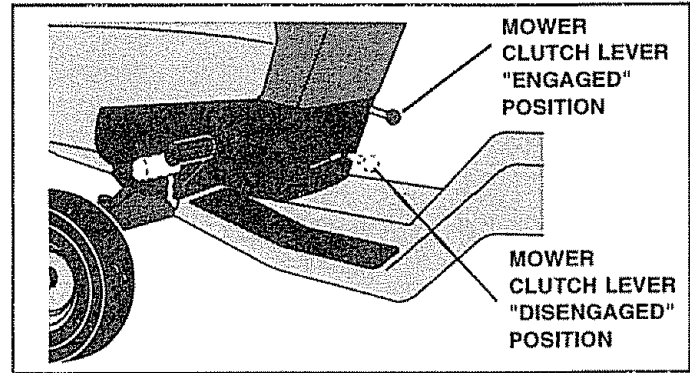


FIG. 11

TO OPERATE ON HILLS



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

- Choose the slowest speed before starting up or down hills.
- Avoid stopping or changing speed on hills.
- If slowing is necessary, move throttle control lever to slower position.
- If stopping is absolutely necessary, push clutch/brake pedal quickly to brake position and engage parking brake.
- Move gearshift lever to 1st gear and be sure you have allowed room for tractor to roll slightly as you restart movement.
- To restart movement, slowly release parking brake and clutch/brake pedal.
- Make all turns slowly.

TO TRANSPORT

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

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

BEFORE STARTING THE ENGINE

CHECK ENGINE OIL LEVEL (See Fig. 16)

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

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 Instructions for additional information. Never use engine or carburetor cleaner products in the fuel tank or permanent damage may occur.



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

TO START ENGINE (See Fig. 7)

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

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

MOWING TIPS

- Mower should be properly leveled for best mowing performance. See "TO LEVEL MOWER HOUSING" in the Service and Adjustments section of this manual.
- The left hand side of mower should be used for trimming.
- Drive so that clippings are discharged onto the area that has been cut. Have the cut area to the right of the tractor. This will result in a more even distribution of clippings and more uniform cutting.
- When mowing large areas, start by turning to the right so that clippings will discharge away from shrubs, fences, driveways, etc. After one or two rounds, mow in the opposite direction making left hand turns until finished (See Fig. 12).
- If grass is extremely tall, it should be mowed twice to reduce load and possible fire hazard from dried clippings. Make first cut relatively high; the second to the desired height.
- Do not mow grass when it is wet. Wet grass will plug mower and leave undesirable clumps. Allow grass to dry before mowing.
- Always operate engine at full throttle when mowing to assure better mowing performance and proper discharge of material. Regulate ground speed by selecting a low enough gear to give the mower cutting performance as well as the quality of cut desired.
- When operating attachments, select a ground speed that will suit the terrain and give best performance of the attachment being used.

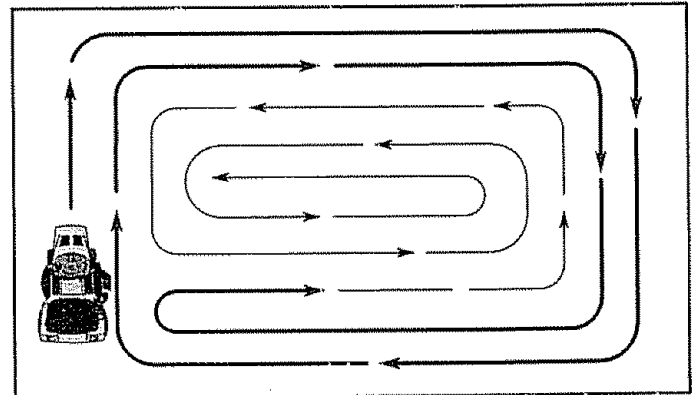


FIG. 12

CUSTOMER RESPONSIBILITIES

MAINTENANCE SCHEDULE FILL IN DATES AS YOU COMPLETE REGULAR SERVICE		BEFORE EACH USE						SERVICE DATES				
		BEFORE EACH USE	FIRST 2 HOURS	EVERY 8 HOURS	EVERY 25 HOURS	EVERY 50 HOURS	EVERY 100 HOURS	BEFORE STORAGE				
TRACTOR	Check Brake Operation	✓	✓									
	Check Tire Pressure	✓	✓									
	Check for Loose Fasteners	✓						✓				
	Sharpen/Replace Mower Blades				✓ ₄							
	Lubrication Chart			✓				✓				
	Check Battery Level/Recharge			✓								
	Clean Battery and Terminals			✓				✓				
	Check Transmission Cooling			✓								
	Adjust Blade Belt(s) Tension					✓ ₅						
	Adjust Motion Drive Belt(s) Tension					✓ ₅						
ENGINE	Check Engine Oil Level	✓	✓									
	Change Engine Oil		✓	✓ _{1,2,3}				✓				
	Clean Air Filter			✓ ₂								
	Clean Air Screen			✓ ₂								
	Inspect Muffler/Spark Arrester				✓							
	Replace Oil Filter (If equipped)					✓ _{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 - If equipped with oil filter, change oil every 50 hours
4 - Replace blades more often when mowing in sandy soil
5 - If equipped with adjustable system

GENERAL RECOMMENDATIONS

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

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

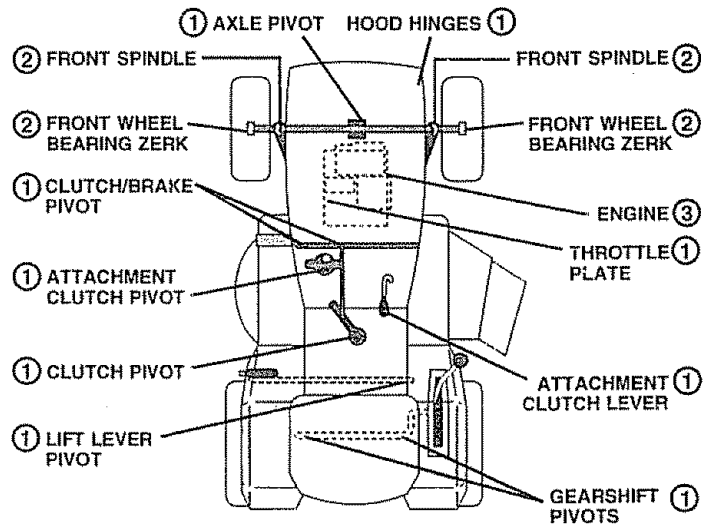
All adjustments in the Service and Adjustments section of this manual should be checked at least once each season.

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

BEFORE EACH USE

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

LUBRICATION CHART



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

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

CUSTOMER RESPONSIBILITIES

TRACTOR

Always observe safety rules when performing any maintenance.

BRAKE OPERATION

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

TIRES

- Maintain proper air pressure in all tires (See "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. Replace bent or damaged blades.

BLADE REMOVAL (See Fig. 13)

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

IMPORTANT: BLADE BOLT IS GRADE 8 HEAT TREATED.

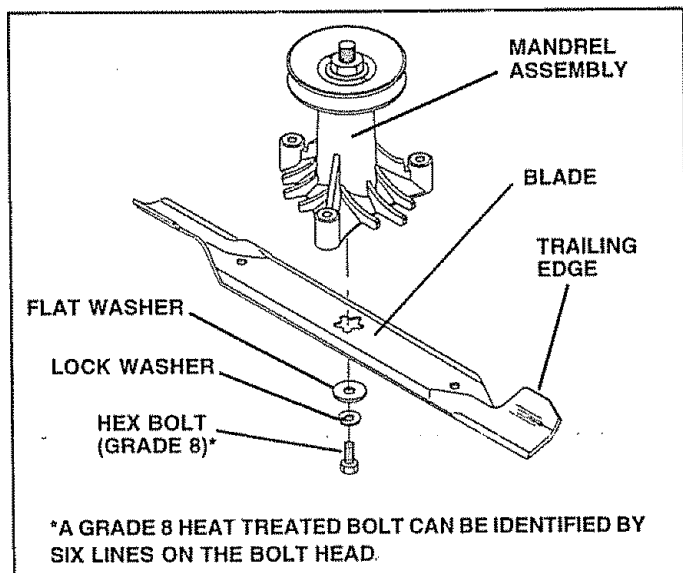


FIG. 13

TO SHARPEN BLADE (See Fig. 14)

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

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

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

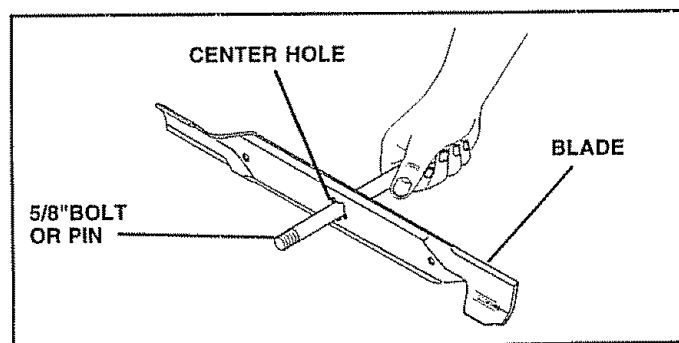


FIG. 14

BATTERY (See Fig. 15)

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

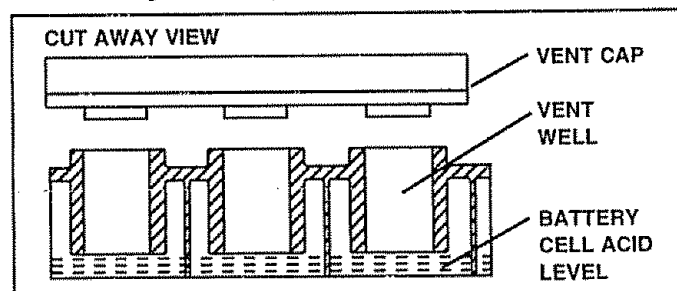


FIG. 15

CUSTOMER RESPONSIBILITIES

TO CLEAN BATTERY AND TERMINALS -

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

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

V- BELTS

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

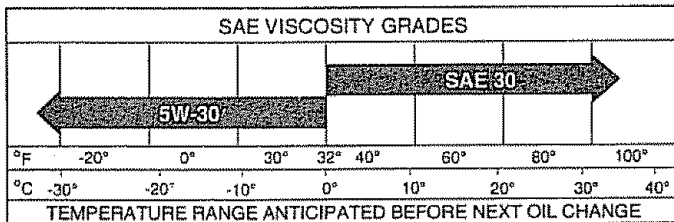
TRANSAXLE COOLING

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

ENGINE

LUBRICATION

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



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

Change the oil after the first two hours of operation and every 25 hours thereafter or at least once a year if the tractor is not used for 25 hours in one year.

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

TO CHANGE ENGINE OIL (See Fig. 16 and 17)-

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

- Be sure tractor 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.
- 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.

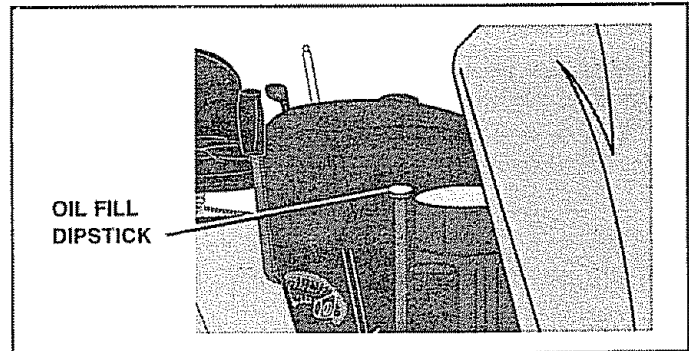


FIG. 16

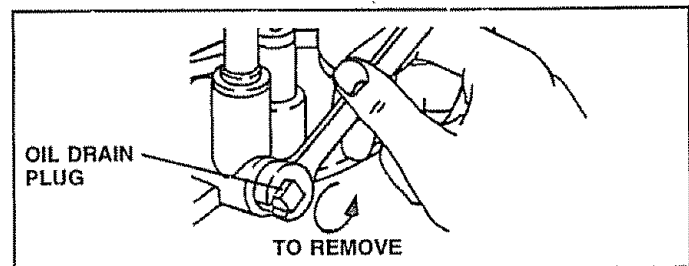


FIG. 17

CUSTOMER RESPONSIBILITIES

AIR FILTER (See Fig. 18)

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

Service air cleaner more often under dusty conditions.

- Remove knob(s) and cover.

TO SERVICE PRE-CLEANER -

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

TO SERVICE CARTRIDGE -

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

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

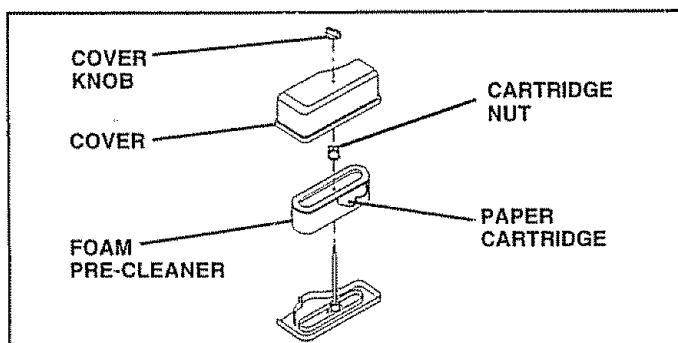


FIG. 18

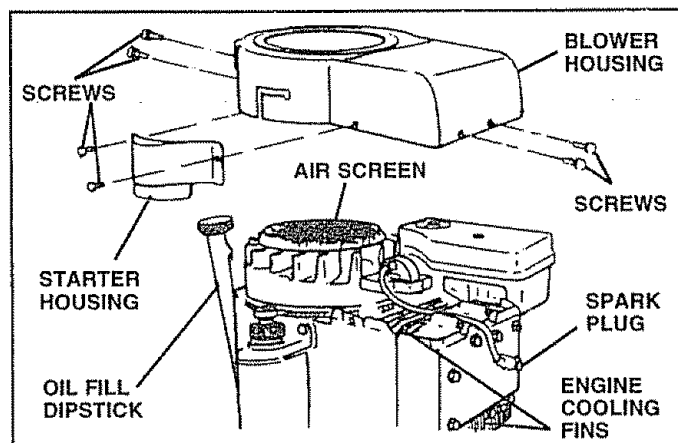


FIG. 19

AIR SCREEN (See Fig. 19)

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

ENGINE COOLING FINS (See Fig. 19)

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

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

MUFFLER

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

SPARK PLUGS

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

IN-LINE FUEL FILTER (See Fig. 20)

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

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

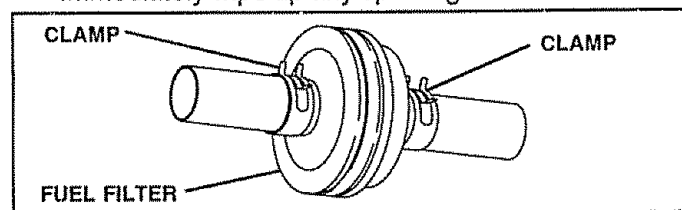


FIG. 20

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 tractor unless the electrical system, muffler, air filter and carburetor are covered to keep water out. Water in engine can result in a shortened engine life.

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 Figs. 21 & 22)

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

- Park tractor on a level surface and engage parking brake.
- Be sure that mower clutch lever is in "DISENGAGED" position.
- Move attachment lift lever down to lowest cutting position.
- Roll belt off engine pulley.
- Disconnect clutch rod from clutch arm by removing retainer spring.
- Disconnect rear suspension arms from chassis by removing retainer springs.
- Disconnect front links from mower deck by removing retainer springs.
- Disconnect rear lift links from mower deck by removing retainer springs.



CAUTION: When rear lift links are removed, the lift arms will be pulled up to the chassis by the counterbalance spring. Keep hands free when removing rear lift links from lift arms.

- Raise mower lift lever to highest position.
- Slide mower deck out on right side of tractor.

TO INSTALL MOWER (See Figs. 21 & 22)

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

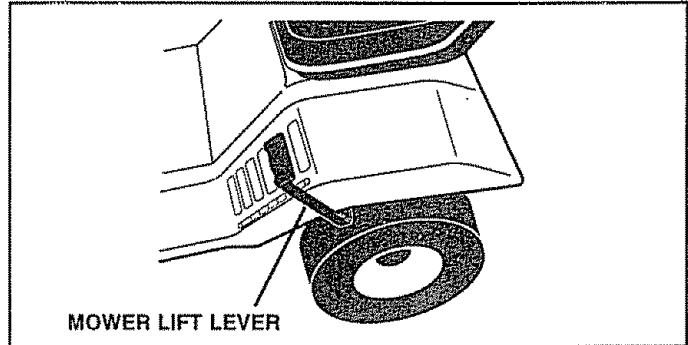


FIG. 21

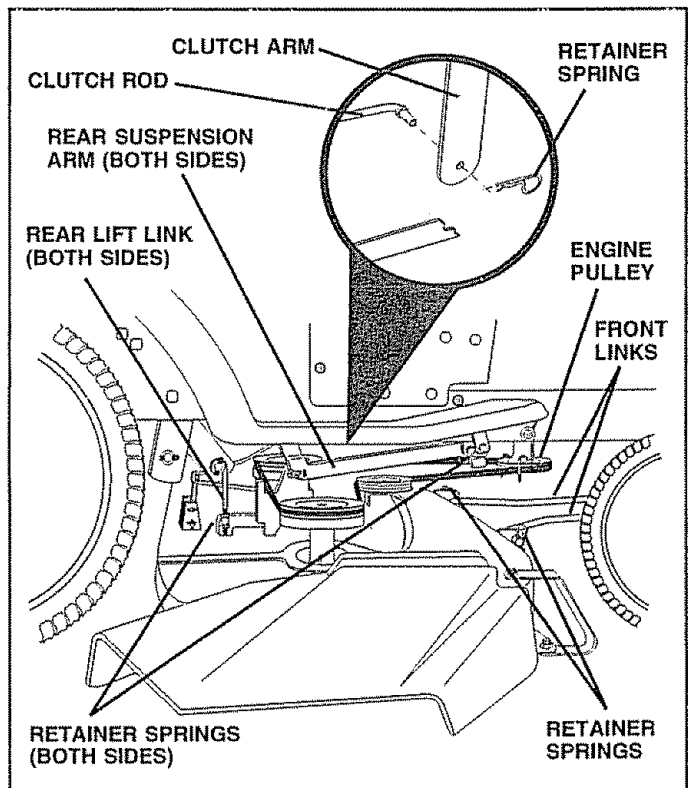


FIG. 22

SERVICE AND ADJUSTMENTS

TO LEVEL MOWER HOUSING

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

SIDE-TO-SIDE ADJUSTMENT (See Figs. 23 and 24) -

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

- Raise mower with attachment lift control to allow two (2) 1-1/2" thick blocks to be placed under rear edge of mower deck.
- Place one block directly behind right mandrel. Place the remaining block under the stamped ridge on left side of rear edge of mower deck.

NOTE: Be sure blocks clear all hardware that may be exposed on underside of deck.

- Lower mower deck to its lowest height of cut position.
- Loosen nut "C" so that the adjustment plate can move up and down freely.
- Be sure the mower deck rests level on both 1-1/2" thick blocks. Retighten nut "C".
- Raise mower with attachment lift control and remove blocks from under mower.

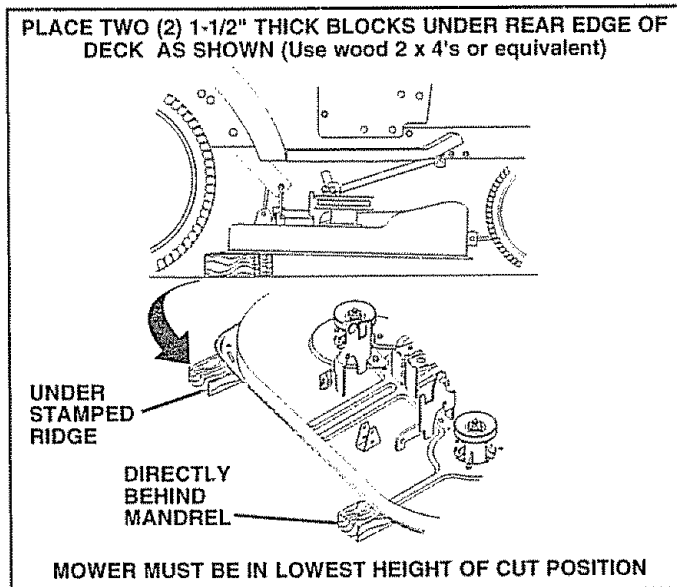


FIG. 23

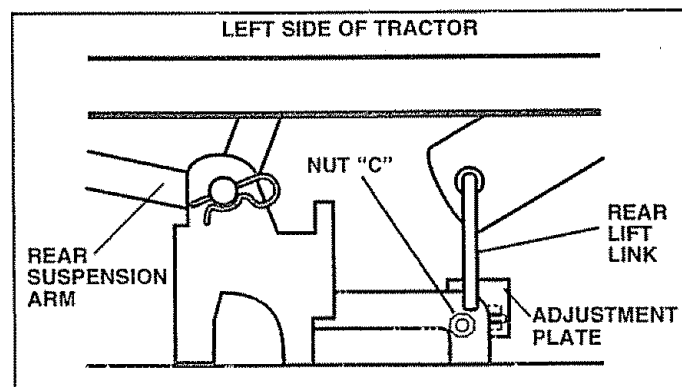


FIG. 24

FRONT-TO-BACK ADJUSTMENT (See Figs. 25 and 26) -

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

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

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

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

NOTE: Each full turn of nut "F" will change dim. "E" by approximately 3/8 inch.

- Recheck side-to-side adjustment.

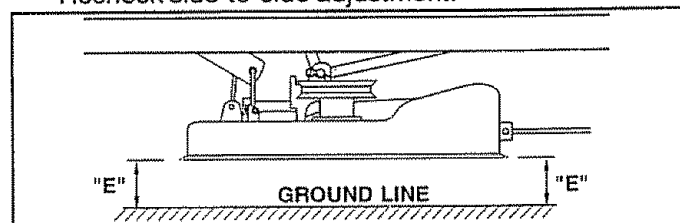


FIG. 25

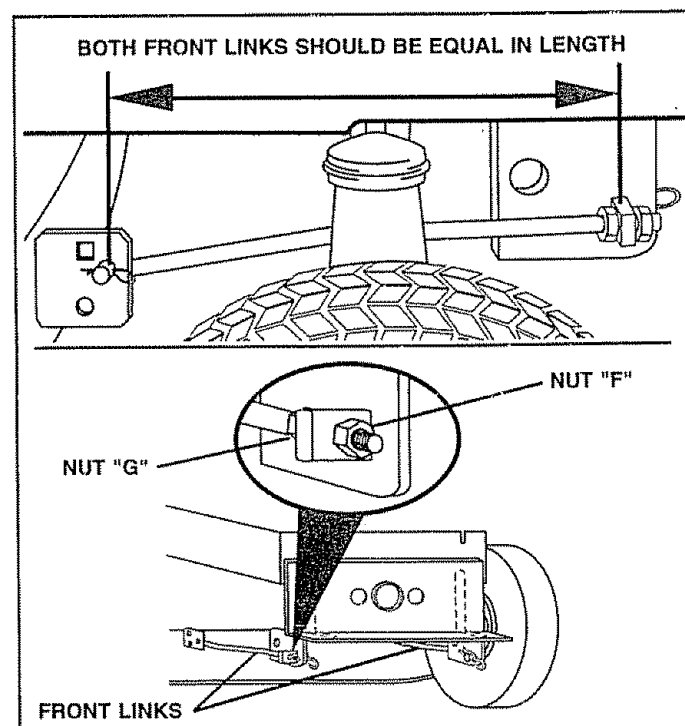


FIG. 26

SERVICE AND ADJUSTMENTS

TO ADJUST BRAKE (See Fig. 27)

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

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

- Depress clutch/brake pedal and engage parking brake.
- Measure distance between brake operating arm and nut "A" on brake rod.
- If distance is other than 1-5/8", disengage parking brake, loosen jam nut and turn nut "A" until distance becomes 1-5/8". Retighten jam nut against nut "A".
- Engage parking brake and recheck distance.
- Road test tractor for proper stopping distance as stated above. Readjust if necessary. If stopping distance is still greater than six (6) feet in highest gear, further maintenance is necessary. Contact your nearest authorized service center.

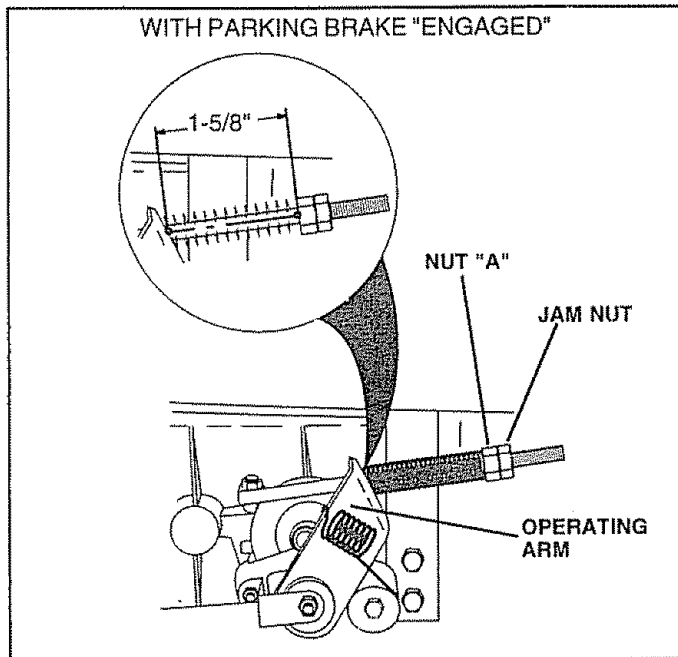


FIG. 27

TO REPLACE MOTION DRIVE BELT (See Fig. 28)

The tractor drive belt may be replaced without tools. Park the tractor on level area. Engage parking brake. For assistance, there is a belt installation guide decal on bottom of left footrest.

- Engage parking brake.
- Lower mower lift lever to "lowest" position.
- Turn front wheels fully to left or right.
- Disconnect mower drive belt at engine pulley.
- Disconnect motion drive belt at clutching idler.
- Disconnect motion drive belt at transaxle. Push above transaxle pulley.

- Disconnect motion drive belt at chassis belt keeper.
- Disconnect motion drive belt at engine pulley. Thread belt below mower drive sheave and through engine belt keeper and engine pulley.
- Remove belt.
- Install new belt by reversing above procedure.
- Make sure that belt is inside all belt keepers.

IMPORTANT: REPLACE ONLY WITH BELT LISTED IN THIS MANUAL.

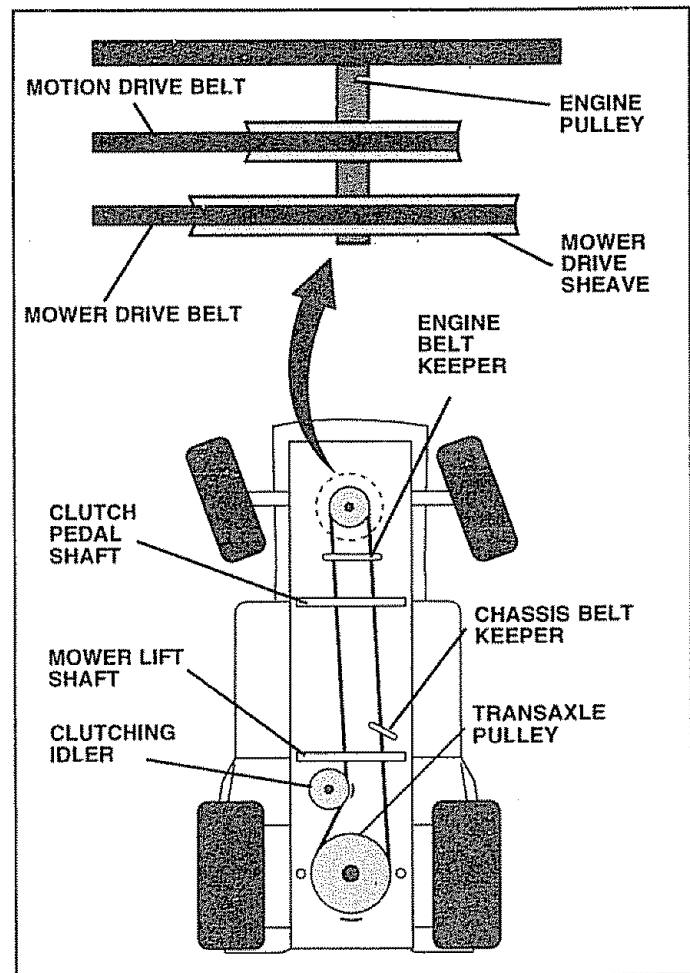


FIG. 28

TO ADJUST STEERING WHEEL ALIGNMENT

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

FRONT WHEEL TOE-IN/CAMBER

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

SERVICE AND ADJUSTMENTS

TO REMOVE WHEEL FOR REPAIRS (See Fig. 29)

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

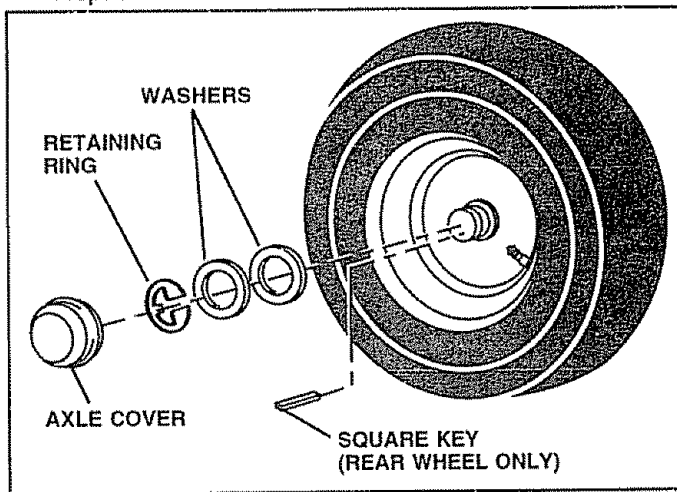


FIG. 29

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



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

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

IMPORTANT: YOUR TRACTOR IS EQUIPPED WITH A 12 VOLT NEGATIVE 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 good CHASSIS GROUND, away from fuel tank and battery.

TO REMOVE CABLES, REVERSE ORDER -

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

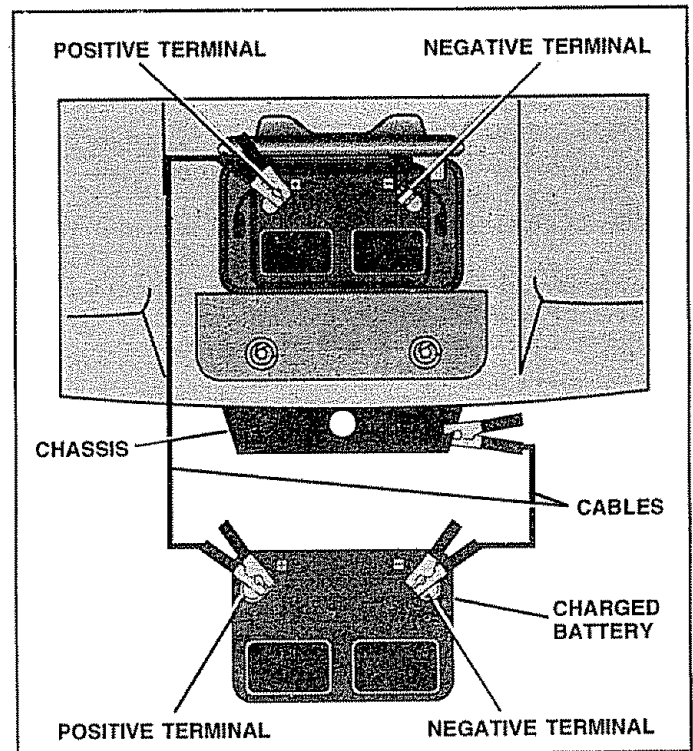


FIG. 30

TO REPLACE FUSE

Replace with 30 amp automotive-type plug-in fuse. The fuse holder is located next to the battery box, accessible from left rear wheel area.

INTERLOCKS AND RELAYS

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

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

TO REMOVE HOOD (See Fig. 31)

- With hood closed, remove hood spring from pivot bracket.
- Remove left side and right side pivot.
- Lift hood off tractor.
- To reassemble hood, reverse above procedure.

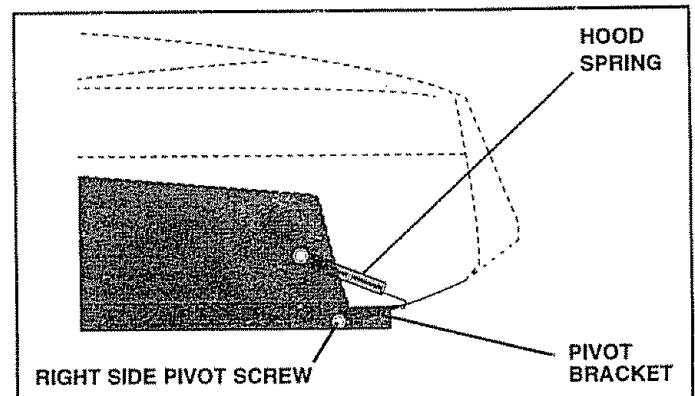


FIG. 31

SERVICE AND ADJUSTMENTS

ENGINE

TO ADJUST THROTTLE CONTROL CABLE (See Fig. 32)

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

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

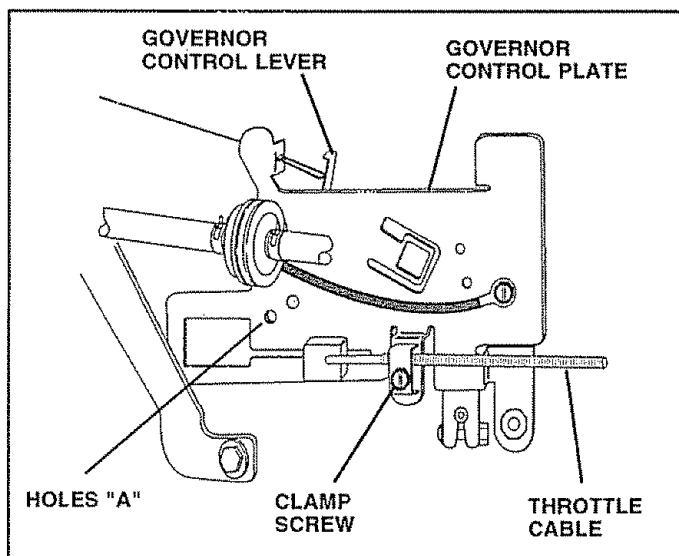


FIG. 32

TO ADJUST CARBURETOR (See Fig. 33)

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

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

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

PRELIMINARY SETTING -

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

FINAL SETTING -

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

ACCELERATION TEST -

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

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. OVSPEEDING 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.

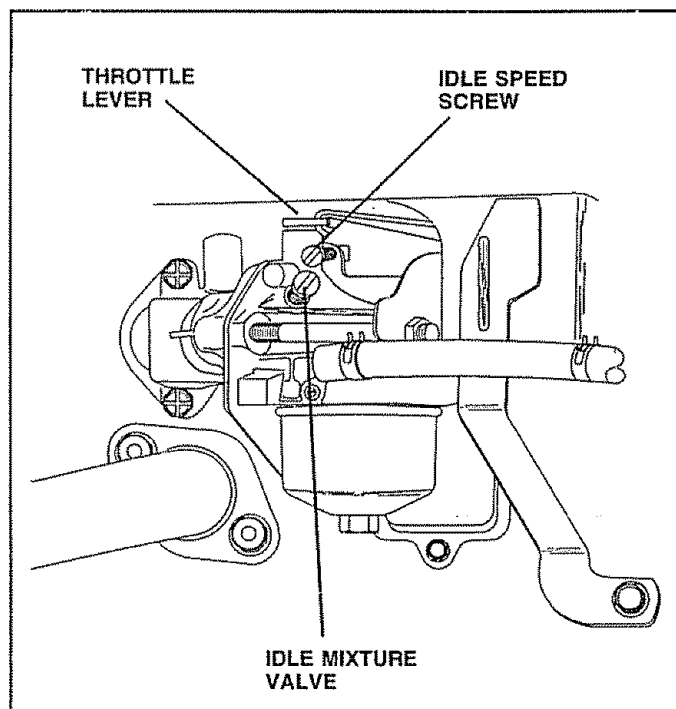


FIG. 33

STORAGE

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



CAUTION: Never store the tractor with gasoline in the tank inside a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure.

TRACTOR

Remove mower from tractor for winter storage. When mower is to be stored for a period of time, clean it thoroughly, remove all dirt, grease, leaves, etc. Store in a clean, dry area.

- Clean entire tractor (See "CLEANING" in the Customer Responsibilities section of this manual).
- Inspect and replace belts, if necessary (See belt replacement instructions in the Service and Adjustments section of this manual).
- Lubricate as shown in the Customer Responsibilities section of this manual.
- Be sure that all nuts, bolts and screws are securely fastened. Inspect moving parts for damage, breakage and wear. Replace if necessary.
- Touch up all rusted or chipped paint surfaces; sand lightly before painting.

BATTERY

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

ENGINE

FUEL SYSTEM

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

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

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

ENGINE OIL

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

CYLINDERS

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

OTHER

- Do not store gasoline from one season to another.
- Replace your gasoline can if your can starts to rust. Rust and/or dirt in your gasoline will cause problems.
- If possible, store your tractor indoors and cover it to give protection from dust and dirt.
- Cover your tractor with a suitable protective cover that does not retain moisture. Do not use plastic. Plastic cannot breathe which allows condensation to form and will cause your tractor to rust.

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

TROUBLESHOOTING POINTS

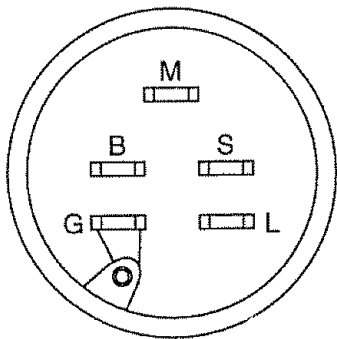
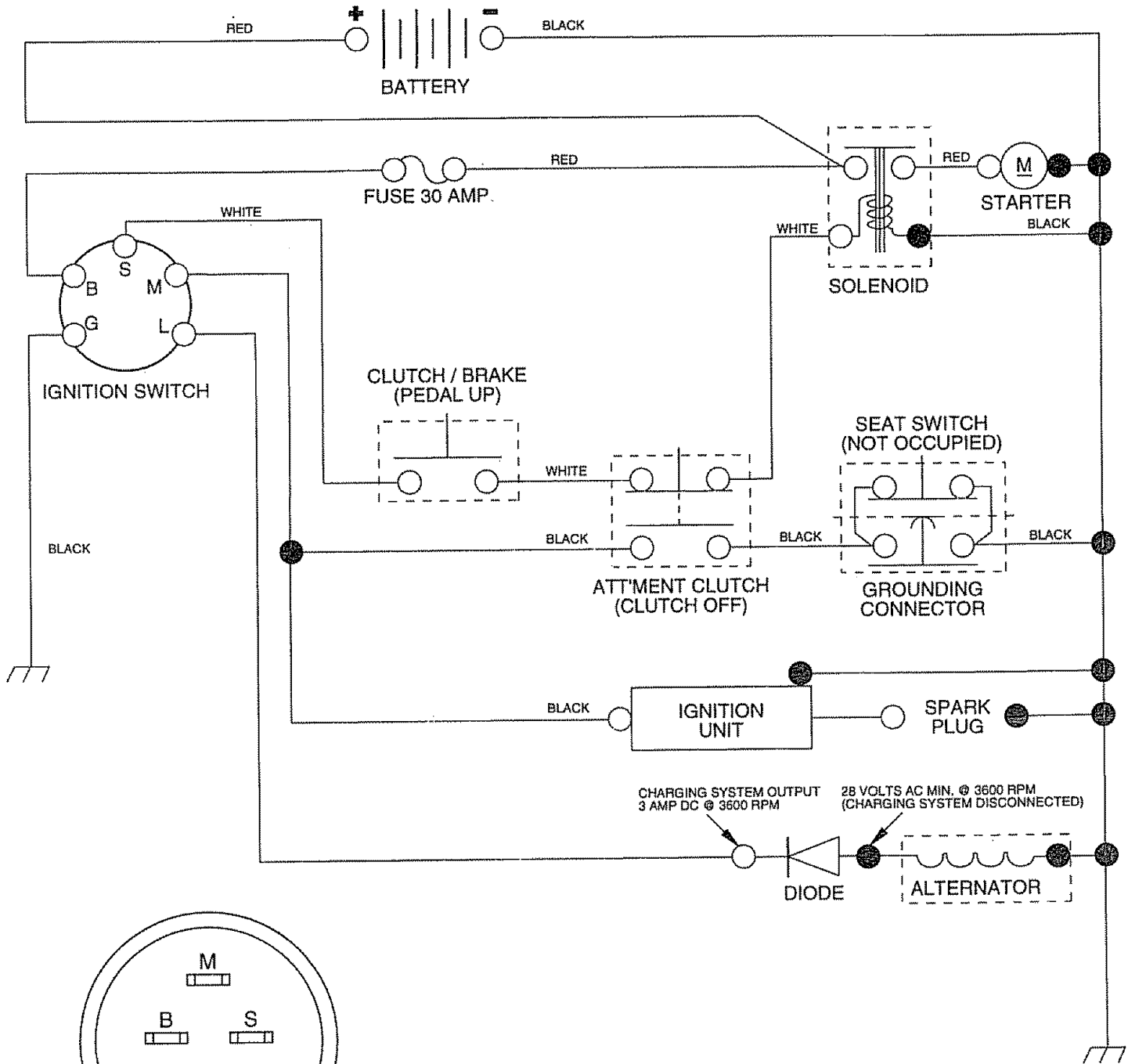
PROBLEM	CAUSE	CORRECTION
Will not start	<ol style="list-style-type: none"> 1. Out of fuel. 2. Engine not "CHOKED" properly. 3. Engine flooded 4. Bad spark plug 5. Dirty air filter. 6. Dirty fuel filter. 7. Water in fuel. 8. Loose or damaged wiring. 9. Carburetor out of adjustment. 10. Engine valves out 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 an authorized service center/department. 10. Contact an authorized service center/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 an authorized service center/department. 8. Contact an authorized service center/department.
Engine will not turn over	<ol style="list-style-type: none"> 1. Clutch/brake pedal not depressed. 2. Attachment clutch is engaged. 3. Weak or dead battery. 4. Blown fuse. 5. Corroded battery terminals. 6. Loose or damaged wiring. 7. Faulty ignition switch. 8. Faulty solenoid or starter. 9. Faulty operator presence switch(es). 	<ol style="list-style-type: none"> 1. Depress clutch/brake pedal. 2. Disengage attachment clutch. 3. Recharge or replace battery. 4. Replace fuse. 5. Clean battery terminals. 6. Check all wiring. 7. Check/replace ignition switch. 8. Check/replace solenoid or starter. 9. Contact an authorized service center/department.
Engine clicks but will not start	<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 an authorized service center/department. 15. Contact an authorized service center/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 an authorized service center/ 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. 5. Clogged mower deck vent holes from buildup of grass, leaves, and trash around mandrels. 	<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. 5. Clean around mandrels to open vent holes.
Mower blades will not rotate	<ol style="list-style-type: none"> 1. Obstruction in clutch mechanism. 2. Worn/damaged mower drive belt. 3. Frozen idler pulley 4. Frozen blade mandrel. 	<ol style="list-style-type: none"> 1. Remove obstruction. 2. Replace mower drive belt. 3. Replace idler pulley. 4. 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. 9. Blades improperly installed. 10. Improper blades used. 11. Clogged mower deck vent holes from buildup of grass, leaves, and trash around mandrels. 	<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 mower drive belt. 9. Reinstall blades sharp edge down. 10. Replace with blades listed in this manual. 11. Clean around mandrels to open vent holes.
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) 4. Faulty alternator. 	<ol style="list-style-type: none"> 1. Replace battery. 2. Check/clean all connections. 3. Replace regulator. 4. Replace alternator.
Engine "backfires" when turning engine "OFF"	<ol style="list-style-type: none"> 1. Engine throttle control not set at "SLOW" position for 30 seconds before stopping engine. 	<ol style="list-style-type: none"> 1. Move throttle control to "SLOW" position and allow to idle for 30 seconds before stopping engine.

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

SCHEMATIC



IGNITION SWITCH

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

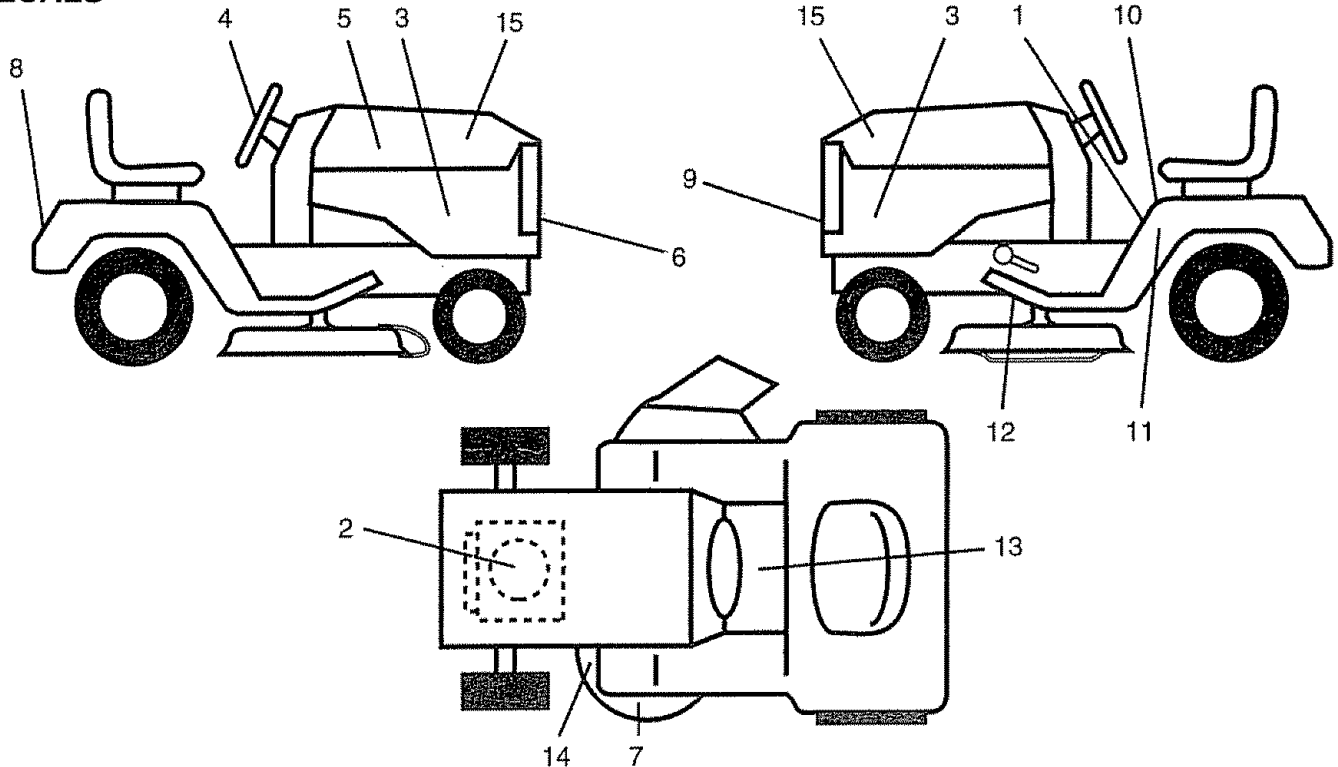
- NON-REMOVABLE CONNECTIONS
- REMOVABLE CONNECTIONS

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

REPAIR PARTS

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

DECALS



KEY PART NO. NO.

DESCRIPTION

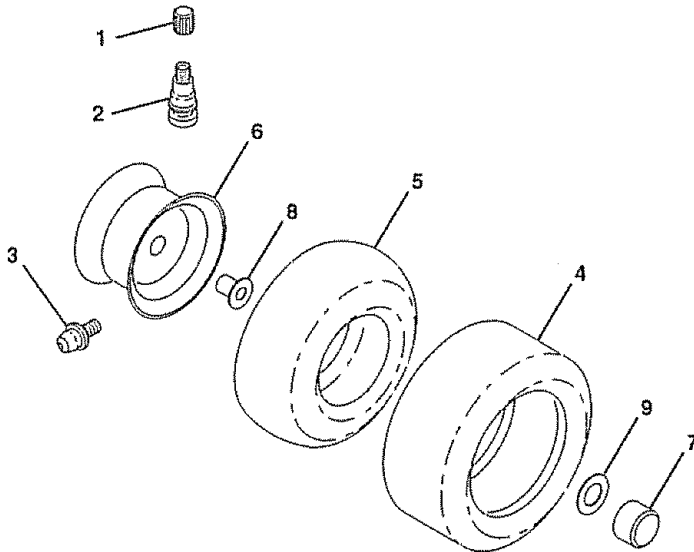
1	126712X	Decal, Instruction, English
2	126685X	Decal, Engine
3	138114	Decal, Side Panel
4	132267	Decal, Steering Wheel Insert
5	133644	Decal, Customer Maintenance
6	132285	Decal, Grill
7	133179	Decal, Mower QC System
8	125880X	Decal, Fender

KEY PART NO. NO.

DESCRIPTION

9	126241X	Decal, Stripe, Grill
10	137537	Decal, Caution
11	135073	Decal, Height Indicator
12	123408X	Decal, V-Belt Drive
13	135561	Pad, Center
14	136831	Decal, Mower Drive Schematic
15	108631X	Decal, II
--	138703	Owner's Manual, English
--	138704	Owner's Manual, Spanish

WHEELS & TIRES



KEY PART NO. NO.

DESCRIPTION

1	59192	Cap, Valve
2	65139	Stem, Valve
3	278H	Fitting, Grease (Front Only)
4	137422	Tire, Front
	132703	Tire, Rear
5	59904	Tube, Tire, Front (Not Supplied, Service Item Only)
	8134H	Tube, Tire, Rear (Not Supplied, Service Item Only)
6	137237X361	Rim, Front
	123412X361	Rim, Rear
7	104757X	Cap, Axle (Front and Rear)
8	9040H	Bearing, Flange (Front Only)
9	121748X	Washer 25/32 x 1-5/8 x 16 Gauge

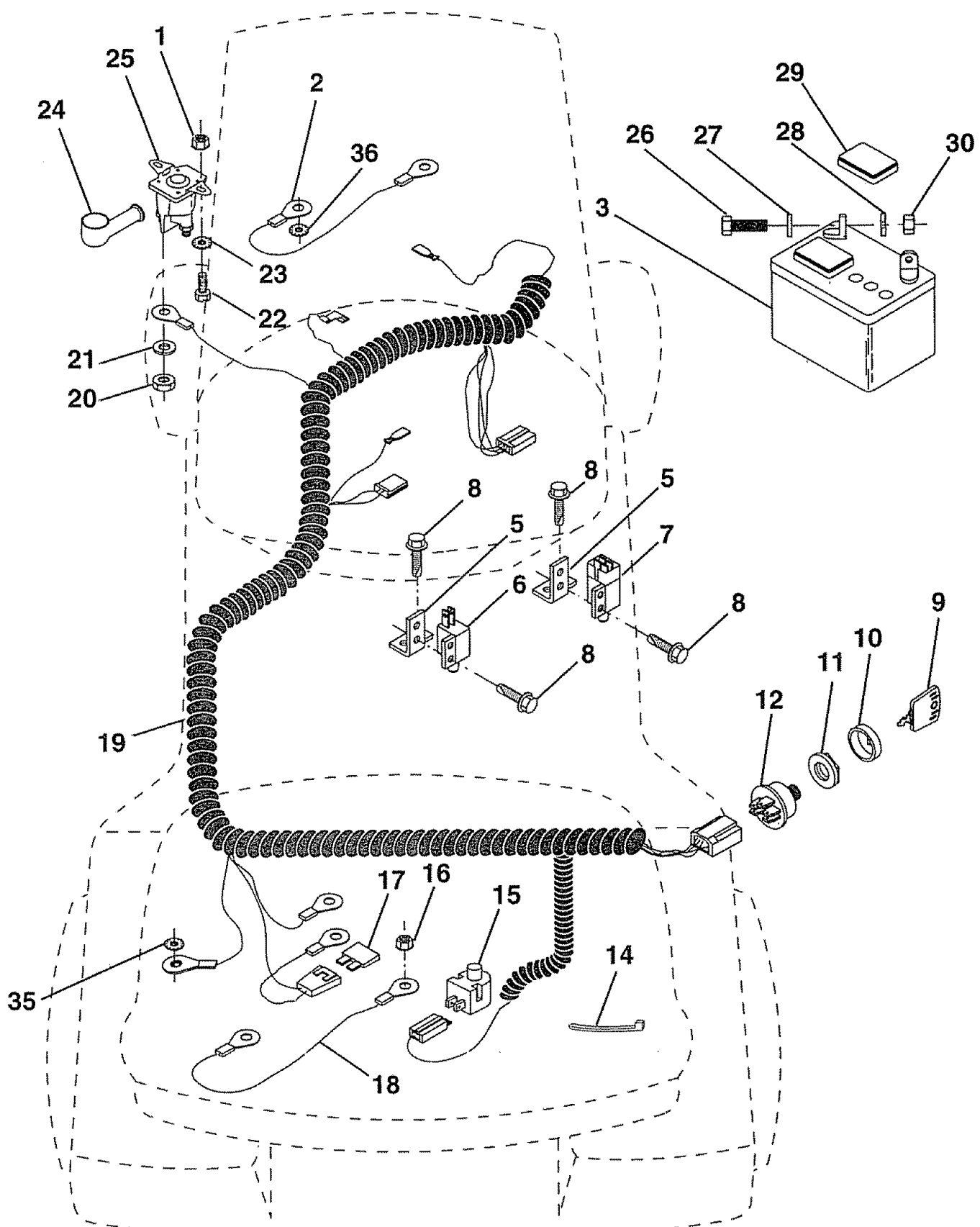
NOTE: All component dimensions given in U.S. inches
1 inch = 25.4 mm

HARDWARE SHOWN LARGER FOR EASIER IDENTIFICATION

REPAIR PARTS

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

ELECTRICAL



REPAIR PARTS

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

ELECTRICAL

KEY PART NO.	NO.	DESCRIPTION
1	73510400	Nut, Hex, Keps 1/4-20 UNC
2	108423X	Assembly, Cable
3	121265X	Battery
5	108236X	Bracket, Switch
6	104445X	Switch, Interlock (2-terminal)
7	109553X	Switch, Interlock (4-terminal)
8	STD601005	Screw, Hex Head, Tapping #10-24 x 1/2
9	109310X	Key, Molded
10	123620X	Cover, Ignition Key
11	124211X	Nut, Ignition
12	STD365402	Switch, Ignition
14	7192J	Tie, Cable
15	121305X	Switch, Plunger
16	STD541431	Nut, Hex, Keps 5/16-18
17	108824X	Fuse
18	128353	Assembly, Cable
19	132223	Harness, Ignition
20	73350400	Nut, Hex, Jam 1/4-20
21	STD551125	Washer, Lock 1/4
22	74780408	Bolt, Hex Head 1/4-20 x 12 Grade 5
23	STD551225	Washer, Lock, External Tooth 1/4
24	131563	Cover, Terminal
25	138406	Solenoid
26	74760412	Bolt, Hex Head 1/4-20 UNC x 3/4
27	STD551025	Washer 9/32 x 5/8 x 16 Gauge
28	STD551125	Washer, Lock, Heavy Helical Spring 1/4
29	121264X	Cap, Battery
30	STD541025	Nut, Hex, Fin. 1/4-20
35	STD551237	Washer, Lock, External Tooth 3/8
36	STD551225	Washer, Lock Internal Tooth 1/4

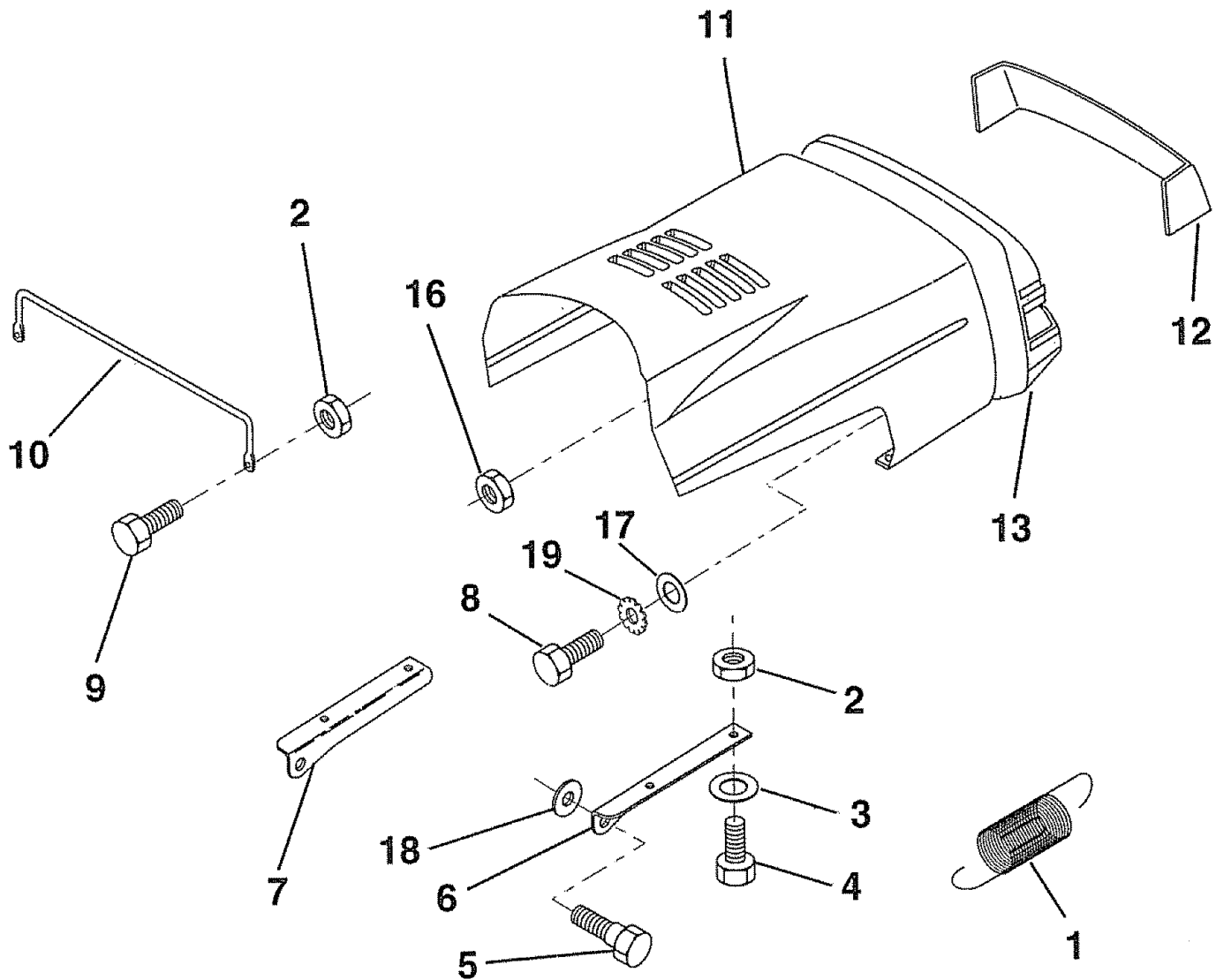
NOTE: All component dimensions given in U.S. inches
1 inch = 25.4 mm

HARDWARE SHOWN LARGER FOR EASIER IDENTIFICATION

REPAIR PARTS

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

HOOD



**KEY PART
NO. NO.**

DESCRIPTION

1	124657X	Spring, Extension
2	STD541425	Nut, Hex, Keps 1/4-20 UNC
3	STD551025	Washer 9/32 x 5/8 x 16 Gauge
4	74780410	Bolt, Hex Head, Fin. 1/4-20 UNC x 5/8 Grade 5
5	126675X	Bolt, Shoulder
6	122549X	Bracket, Hood, R.H.
7	122548X	Bracket, Hood, L.H.
8	17411310	Screw, Hex Head, Fin. #13-16 Hi-Lo x 5/8
9	STD522507	Bolt, Hex Head, Fin. 1/4-20 x 3/4 Grade 5

**KEY PART
NO. NO.**

DESCRIPTION

10	123693X	Brace, Hood
11	132918X417	Hood
12	135741X417	Plate, Grill Trim
13	123705X	Grill
16	124346X	Nut, Hex, Washer Head, Self-Threading 1/4
17	STD551025	Washer 9/32 x 3/4 x 16 Gauge
18	19111116	Washer 11/32 x 11/16 x 16 Gauge
19	11030400	Washer, Lock, Internal/External Tooth 1/4

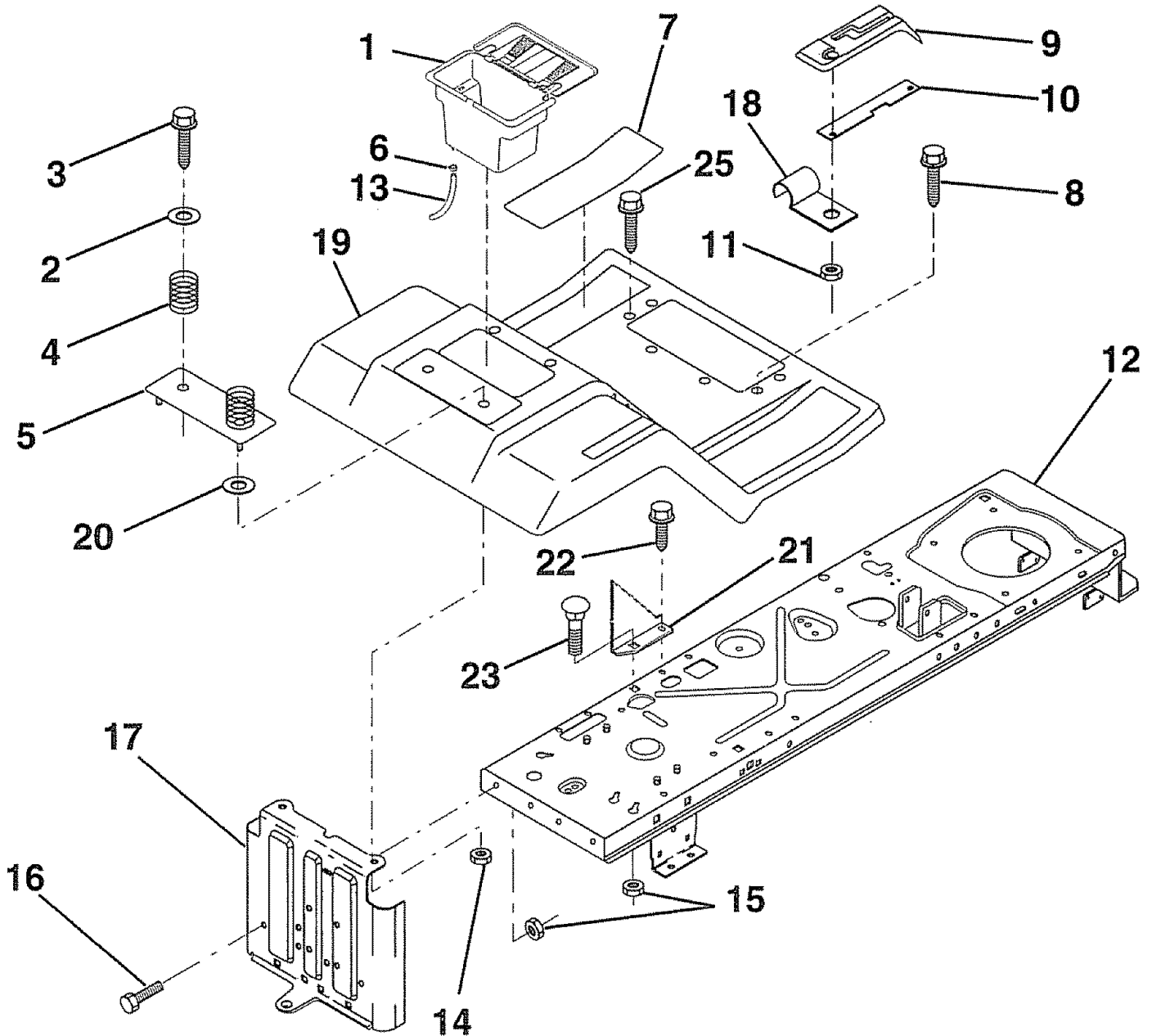
NOTE: All component dimensions given in U.S. inches
1 inch = 25.4 mm

HARDWARE SHOWN LARGER FOR EASIER IDENTIFICATION

REPAIR PARTS

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

FENDER / CHASSIS



KEY PART NO. NO.

DESCRIPTION

1	129965	Box, Battery
2	19132012	Washer 13/32 x 1-1/4 x 12 Gauge
3	17490612	Screw, Hex Washer Head, Thd., Roll. 3/8-16 x 3/4
4	124181X	Spring, Compression, Seat
5	127115X417	Plate, Fender
6	109596X	Clamp, Hose
7	134214	Pad, Footrest
8	17490512	Screw, Hex Washer Head, Thd., Roll. 5/16-18 x 3/4
9	126994X	Console, Shift Control
10	124602X	Bar, Shift Lock
11	124346X	Nut, Self-Threading 3/16
12	137097	Chassis Assembly

KEY PART NO. NO.

DESCRIPTION

13	109238X	Tube, Battery Drain
14	STD541425	Nut, Hex, Keps 1/4-20
15	STD541431	Nut, Crownlock 5/16-18
16	STD523107	Bolt, Hex Head 5/16-18 UNC x 3/4
17	127880	Drawbar
18	126470X	Clip, Insulated
19	132650X417	Fender/Footrest
20	19091413	Washer 9/32 x 7/8 x 13 Gauge
21	132562	Plate, Depth Stop
22	17490508	Screw, Thd., Roll. 5/16-18 x 1/2
23	STD533107	Bolt, Carriage 5/16-18 x 3/4
25	17490516	Screw, Thd., Roll. 5/16-18 x 1

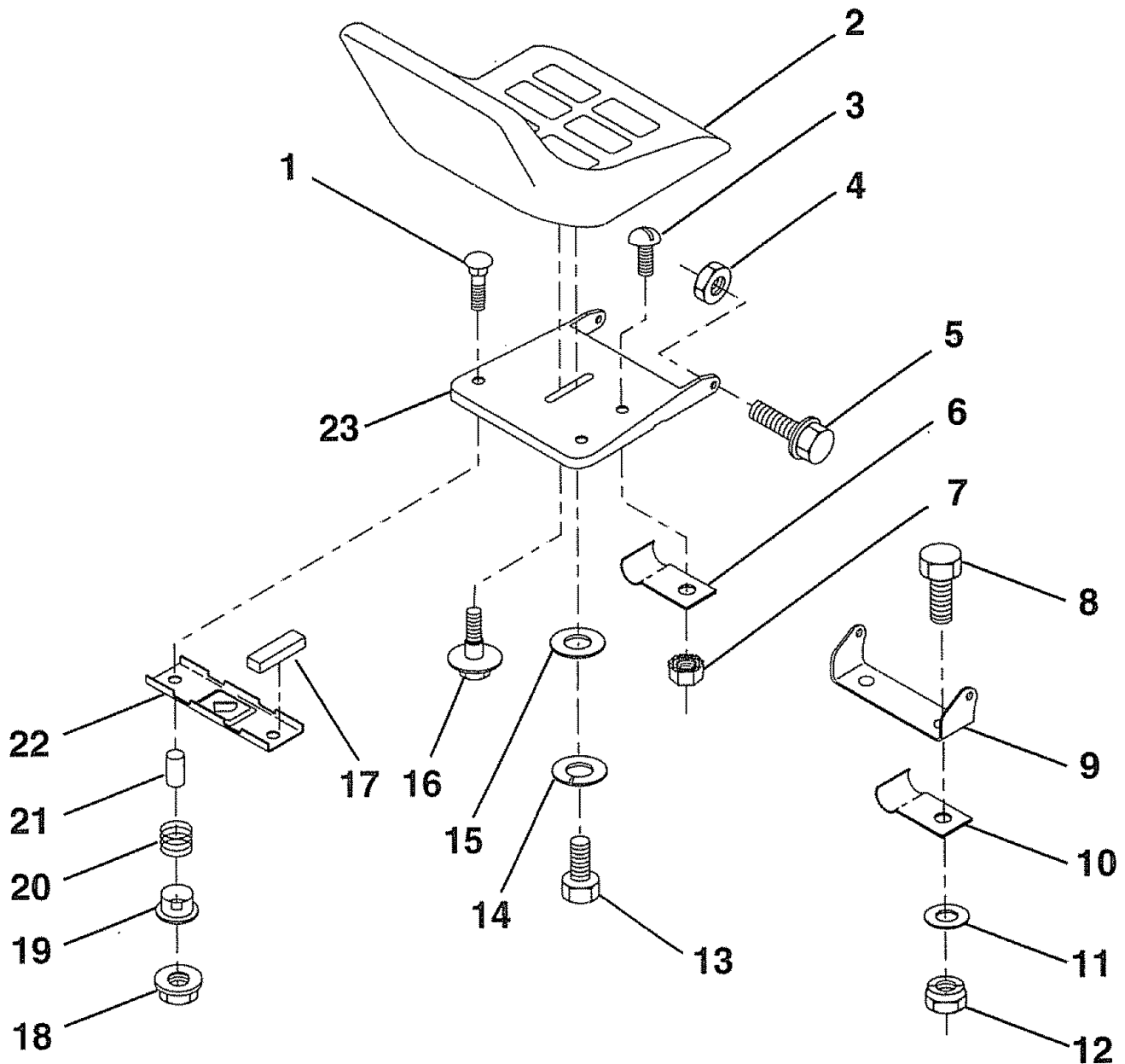
NOTE: All component dimensions given in U.S. inches
1 inch = 25.4 mm

HARDWARE SHOWN LARGER FOR EASIER IDENTIFICATION

REPAIR PARTS

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

SEAT



KEY PART NO. NO.

DESCRIPTION

KEY PART NO. NO.

DESCRIPTION

1	72050411	Bolt, Carriage 1/4-20 x 1-3/8
2	127436	Seat
3	STD511005	Screw, Slotted Pan Head #10-32 x 1/2
4	STD541431	Nut, Crownlock 5/16-18
5	105529X	Bolt, Shoulder 5/16-18 UNC
6	4171R	Clip, Insulated
7	73951000	Nut, Hex, Keps #10-32 UNF
8	STD523707	Bolt, Hex, Fin. 3/8-16 UNC x 3/4
9	126656X	Bracket, Pivot, Seat
10	126471X	Clip, Insulated
11	19133210	Washer 13/32 x 2 x 10 Gauge
12	STD541437	Nut, Crownlock 3/8-16 UNC

13	74780814	Bolt, Hex Hd., Fin. 1/2-13 UNC x 1
14	STD551150	Washer, Lock 1/2
15	19171912	Washer 17/32 x 1-3/16 x 12 Gauge
16	127018X	Bolt, Shoulder
17	121251X	Strip, Foam
18	123976X	Locknut, Hex, Large, Flange
19	121248X	Bushing, Snap
20	121250X	Spring, Compression
21	134300	Spacer, Split, Large .28 Id. x .96
22	121246X	Bracket, Switch, Mounting
23	131451	Pan, Seat

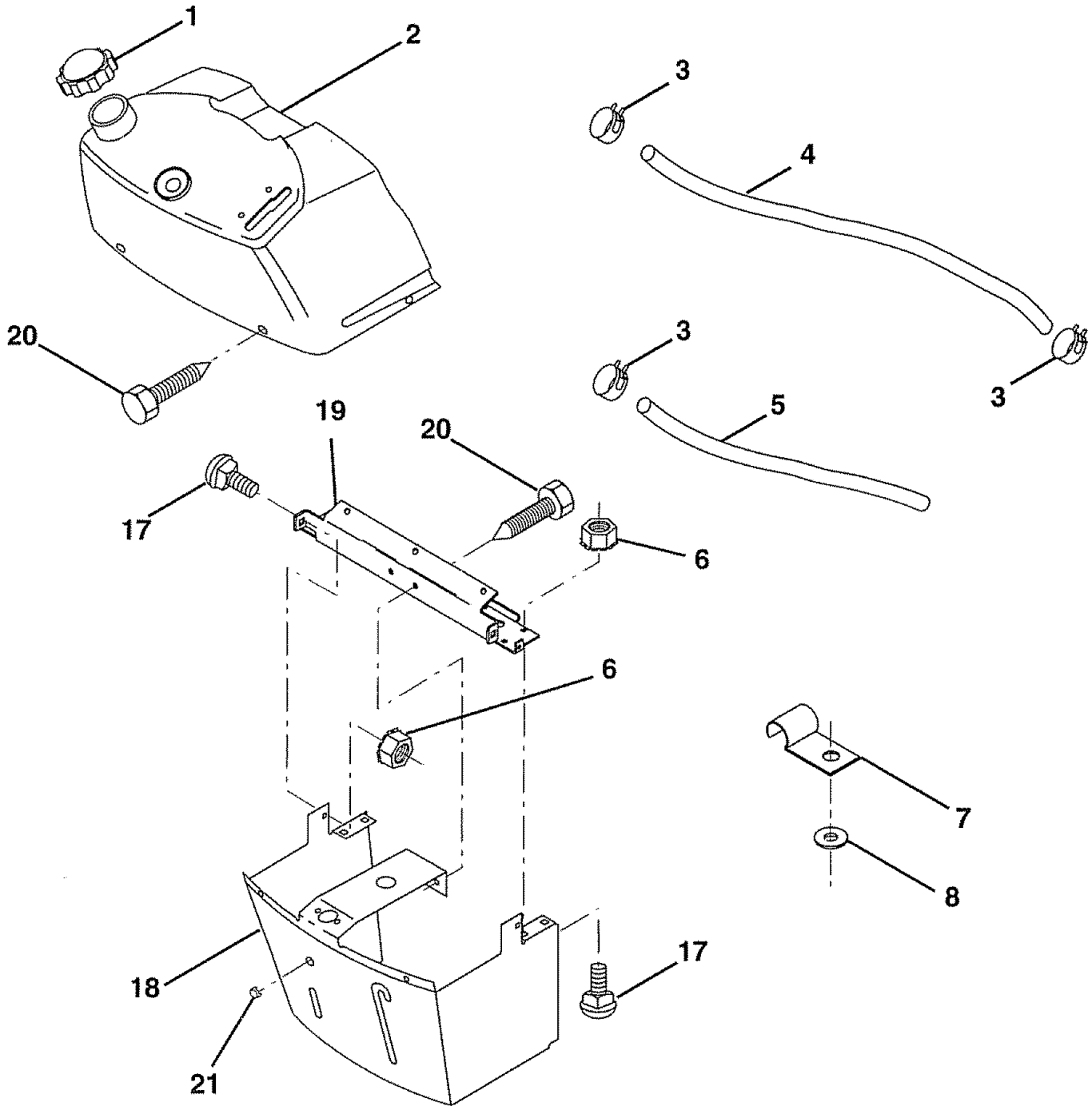
NOTE: All component dimensions given in U.S. inches
1 inch = 25.4 mm

HARDWARE SHOWN LARGER FOR EASIER IDENTIFICATION

REPAIR PARTS

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

DASH



KEY PART NO. NO.

DESCRIPTION

1	132734	Cap, Fuel
2	138393	Assembly, Dash & Fuel Tank
3	123487X	Clamp, Hose
4	8544R	Line, Fuel
5	8548R	Line, Fuel
6	STD541425	Nut, Hex, Keps 1/4-20
7	2751R	Clip, Fuel Line
8	STD551025	Washer 9/32 x 3/4 x 16 Gauge

KEY PART NO. NO.

DESCRIPTION

17	STD532505	Bolt, Carriage 1/4-20 x 1/2 Grade 5
18	131886	Support Assembly, Dash
19	134744	Brace, Cross
20	17060408	Screw, Self-Tapping 1/4-20 x 1/2
21	134014	Plug, Dome

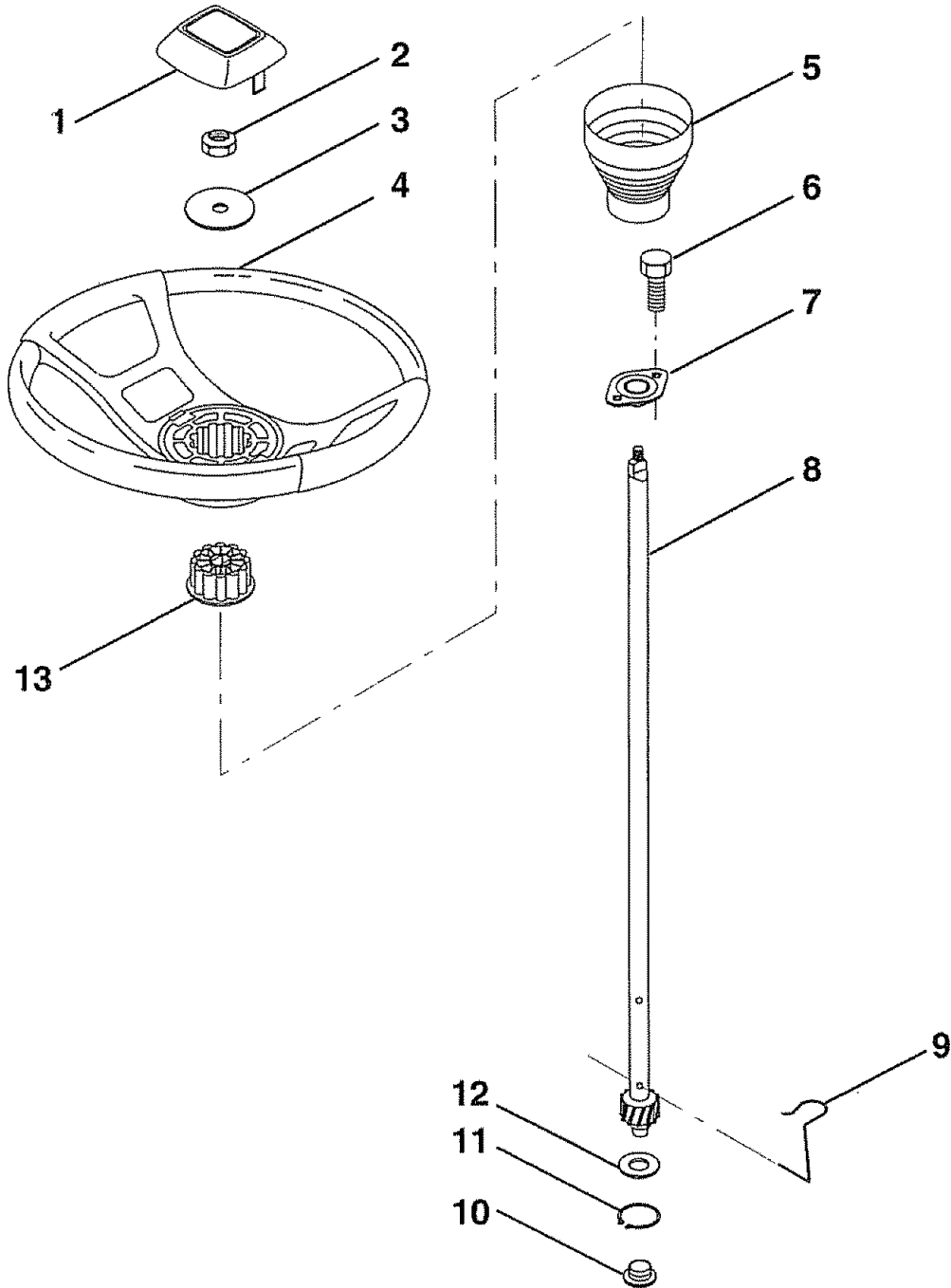
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HARDWARE SHOWN LARGER FOR EASIER IDENTIFICATION

REPAIR PARTS

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

STEERING WHEEL



**KEY PART
NO. NO.**

DESCRIPTION

1	133742	Insert, Steering Wheel
2	STD541537	Locknut 3/8-24 UNF
3	19133808	Washer 13/32 x 2-3/8 x 8 Gauge
4	133741	Steering Wheel
5	121897X	Sleeve, Steering
6	STD611005	Screw, Hex Head, Self-Tapping #10-16 x 1/2
7	102803X	Bushing, Steering

**KEY PART
NO. NO.**

DESCRIPTION

8	123651X	Shaft, Steering
9	124210X	Clip, Steering
10	123438X	Bushing, Lower, Steering
11	12000045	Ring, Retaining
12	STD551062	Washer 21/32 x 1 x 16 Gauge
13	104820X	Adaptor, Steering Wheel

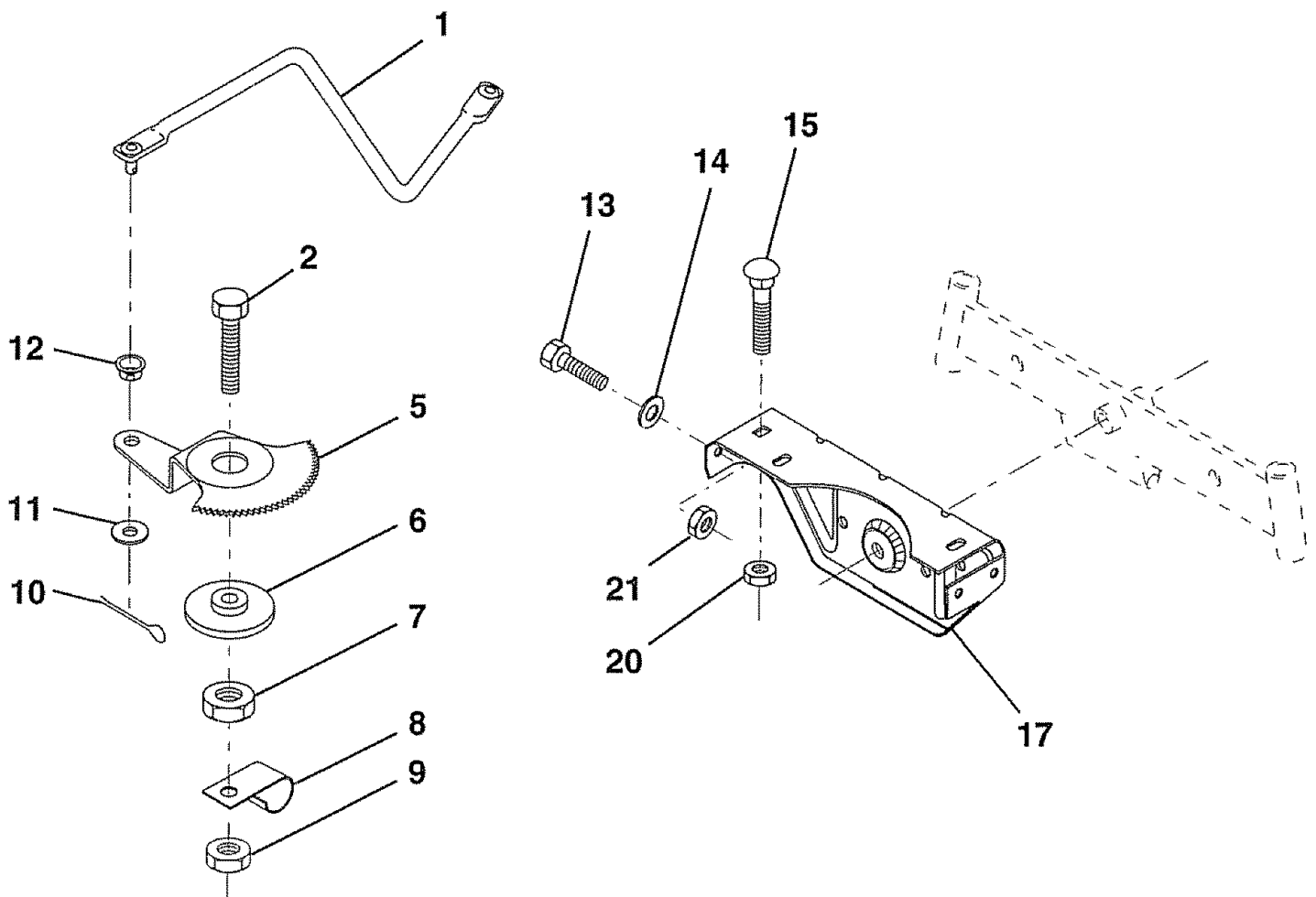
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HARDWARE SHOWN LARGER FOR EASIER IDENTIFICATION

REPAIR PARTS

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

SECTOR GEAR / AXLE SUPPORT



KEY PART NO. NO.	DESCRIPTION
1 132566	Link, Drag
2 74780828	Bolt, Hex Head, Fin. 1/2-13 x 1-3/4
5 121926X	Gear, Sector
6 121927X	Bushing
7 73030800	Nut, Heavy, Hex, Top Lock 1/2-13 UNC
8 126472X	Clip, Wire
9 73680800	Nut, Crownlock 1/2-13
10 STD561210	Pin, Cotter 1/8 x 3/4
11 STD551037	Washer 13/32 x 13/16 x 16 Gauge

KEY PART NO. NO.	DESCRIPTION
12 126847X	Bushing
13 STD523107	Bolt, Hex Head 5/16-18 UNC x 3/4
14 19111416	Washer 11/32 x 7/8 x 16 Gauge
15 STD533707	Bolt, Carriage 3/8-16 UNC x 3/4
17 137096	Support, Front Axle
20 STD541437	Nut, Crownlock 3/8-16 UNC
21 STD541431	Nut, Crownlock 5/16-18

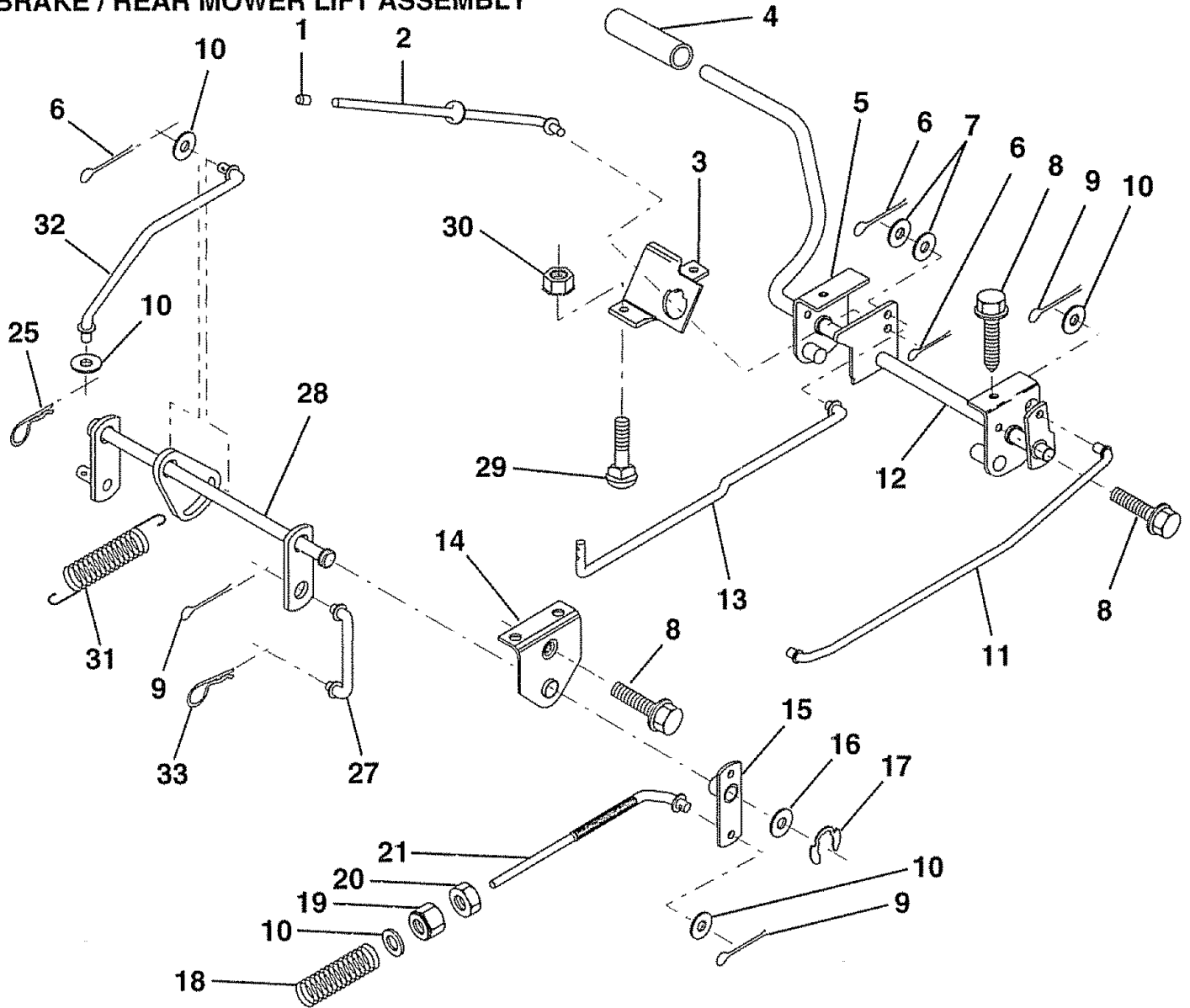
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HARDWARE SHOWN LARGER FOR EASIER IDENTIFICATION

REPAIR PARTS

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

BRAKE / REAR MOWER LIFT ASSEMBLY



KEY PART NO. NO.

DESCRIPTION

1	124236X	Cap, Plunger
2	123436X	Rod, Parking Brake
3	123437X	Bracket, Parking Brake
4	8883R	Cover, Pedal
5	132205	Bracket Assy., Clutch Pedal, L.H.
6	STD560907	Pin, Cotter 3/32 x 3/4
7	STD551037	Washer 13/32 x 5/8 x 16 Gauge
8	17490508	Screw, Hex, Thd., Roll. 5/16-18 x 1/2
9	STD561210	Pin, Cotter 1/8 x 3/4
10	STD551037	Washer 13/32 x 13/16 x 16 Gauge
11	123543X	Rod, Front Brake
12	136263	Assembly, Clutch/Brake Pedal
13	123394X	Rod, Clutch
14	121978X	Bracket, Lift, Shaft
15	123641X	Assembly, Brake, Pivot, Arm

KEY PART NO. NO.

DESCRIPTION

16	19251816	Washer 25/32 x 1-1/8 x 16 Gauge
17	12000034	Ring, Klip
18	106888X	Spring, Brake Rod
19	STD541237	Nut, Hex, Jam 3/8-16 UNC
20	73680600	Nut, Crownlock 3/8-16 UNC
21	131460	Rod, Rear Brake
25	4921H	Spring, Retainer
27	136780	Link, Threaded
28	136779	Assembly, Rear Mower Lift
29	STD533107	Bolt, Carriage 5/16-18 UNC x 3/4
30	STD541431	Nut, Keps 5/16-18 UNC
31	133095	Spring, Counterbalance
32	133721	Link, Lift Lever
33	4939M	Retainer Spring

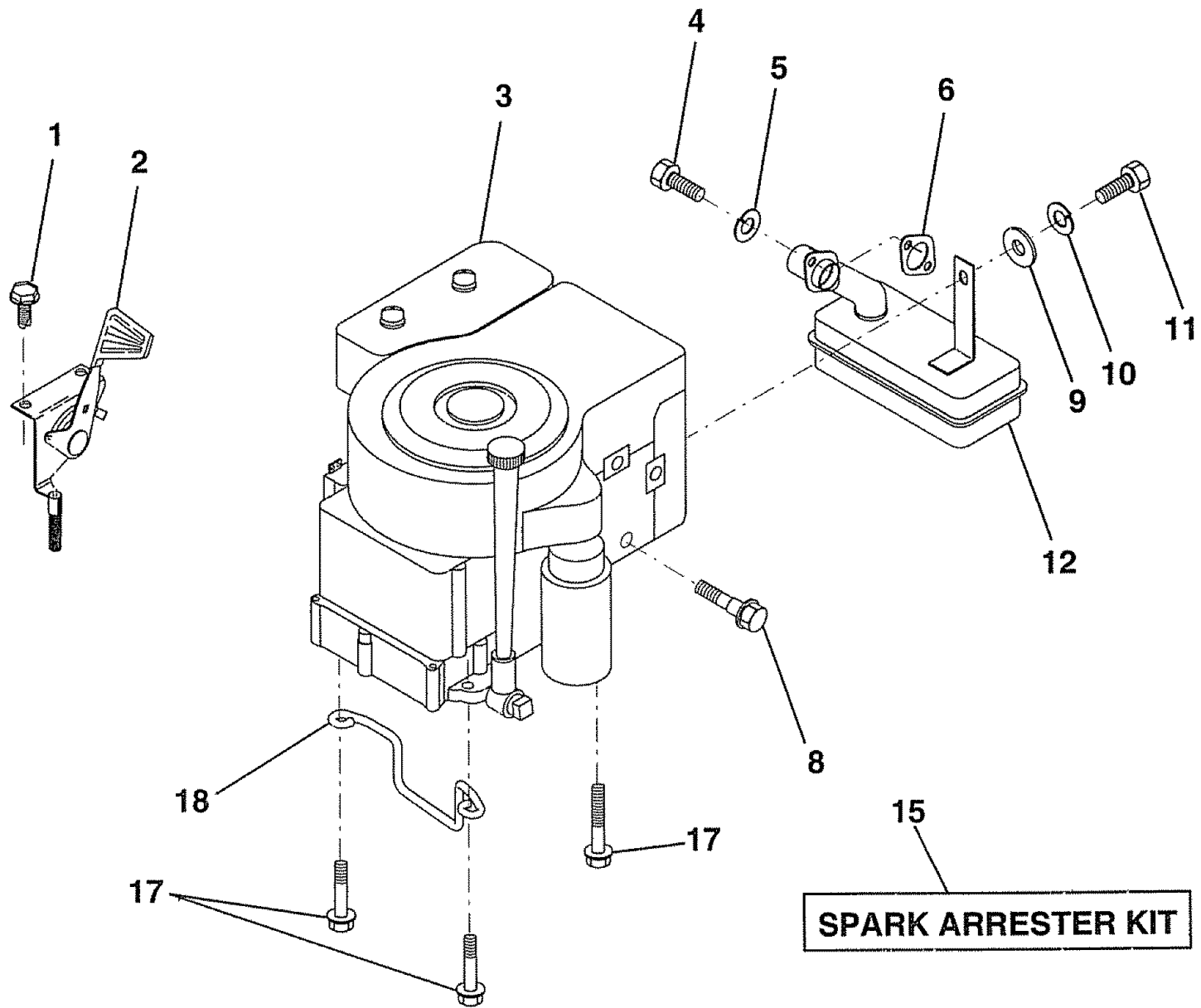
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HARDWARE SHOWN LARGER FOR EASIER IDENTIFICATION

REPAIR PARTS

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

ENGINE / THROTTLE



KEY PART NO. NO.

DESCRIPTION

KEY PART NO. NO.

DESCRIPTION

1	17060408	Screw, Hex Head, Thread Cutting 1/4-20 x 1/2
2	132758	Control, Throttle
3	131951	Engine, Briggs & Stratton, 12 HP, Model #283707, Type #0217-01
4	71070512	Screw, Hex Cap Head 5/16-18 x 3/4
5	STD551131	Washer, Lock, Heavy Helical Spring 5/16
6	125593X	Gasket, Exhaust
8	121094X	Bolt, Shoulder
9	STD551031	Washer 5/16 x 3/4 x 16 Gauge

10	STD551125	Washer, Lock, Heavy Helical Spring 1/4
11	---	Bolt, Hex, Fin. 1/4-20 UNC x 3/4 (Order From Engine Manufacturer)
12	137437	Muffler
15	137180	Kit, Spark Arrester (Optional)
17	17490624	Screw, Hex Washer Head, Thd., Roll. 3/8-16 x 1-1/2
18	126636X	Keeper, Ground Drive Belt

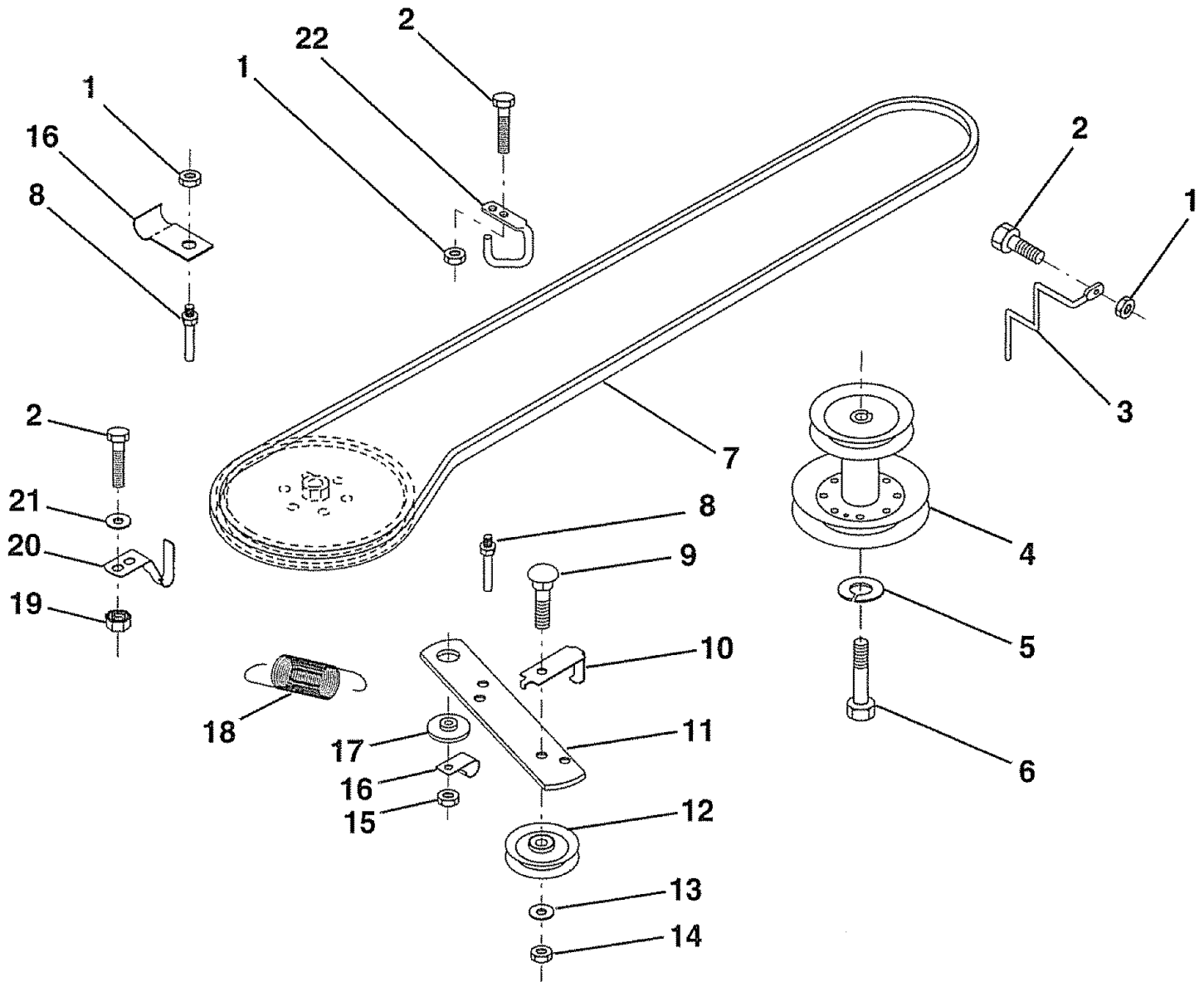
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HARDWARE SHOWN LARGER FOR EASIER IDENTIFICATION

REPAIR PARTS

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

GROUND DRIVE



KEY PART NO. NO.

DESCRIPTION

1	STD541431	Nut, Crownlock 5/16-18
2	STD523107	Bolt, Hex Head 5/16-18 UNC x 3/4
3	132946	Keeper, Mower Drive Belt, Engine
4	135036	Pulley, Engine
5	STD551143	Washer, Lock 7/16
6	71130748	Bolt, Hex Head, Fin. 7/16-20 UNF x 3
7	124525X	Traction, V-Belt Drive
8	123405X	Keeper, T/A, Ground Drive Belt
9	STD533715	Bolt, Carriage 3/8-16 x 1-1/2
10	123396X	Keeper, Ground Drive Belt, Idler
11	123395X	Arm, Ground Drive Clutch
12	4859J	Idler, Flat

KEY PART NO. NO.

DESCRIPTION

13	STD551037	Washer 13/32 x 13/16 x 16 Gauge
14	73930600	Nut, Centerlock 3/8-16 UNC
15	STD541437	Nut, Crownlock 3/8-16 UNC
16	126471X	Clip, Insulated
17	122052X	Spacer, Retainer
18	131459	Spring, Extension
19	STD541431	Nut, Hex, Keps 5/16-18 UNC
20	123891X	Keeper, T/A, Ground Drive Belt
21	19111016	Washer 11/32 x 5/8 x 16 Gauge
22	123404X	Keeper, Chassis, Ground Drive Belt

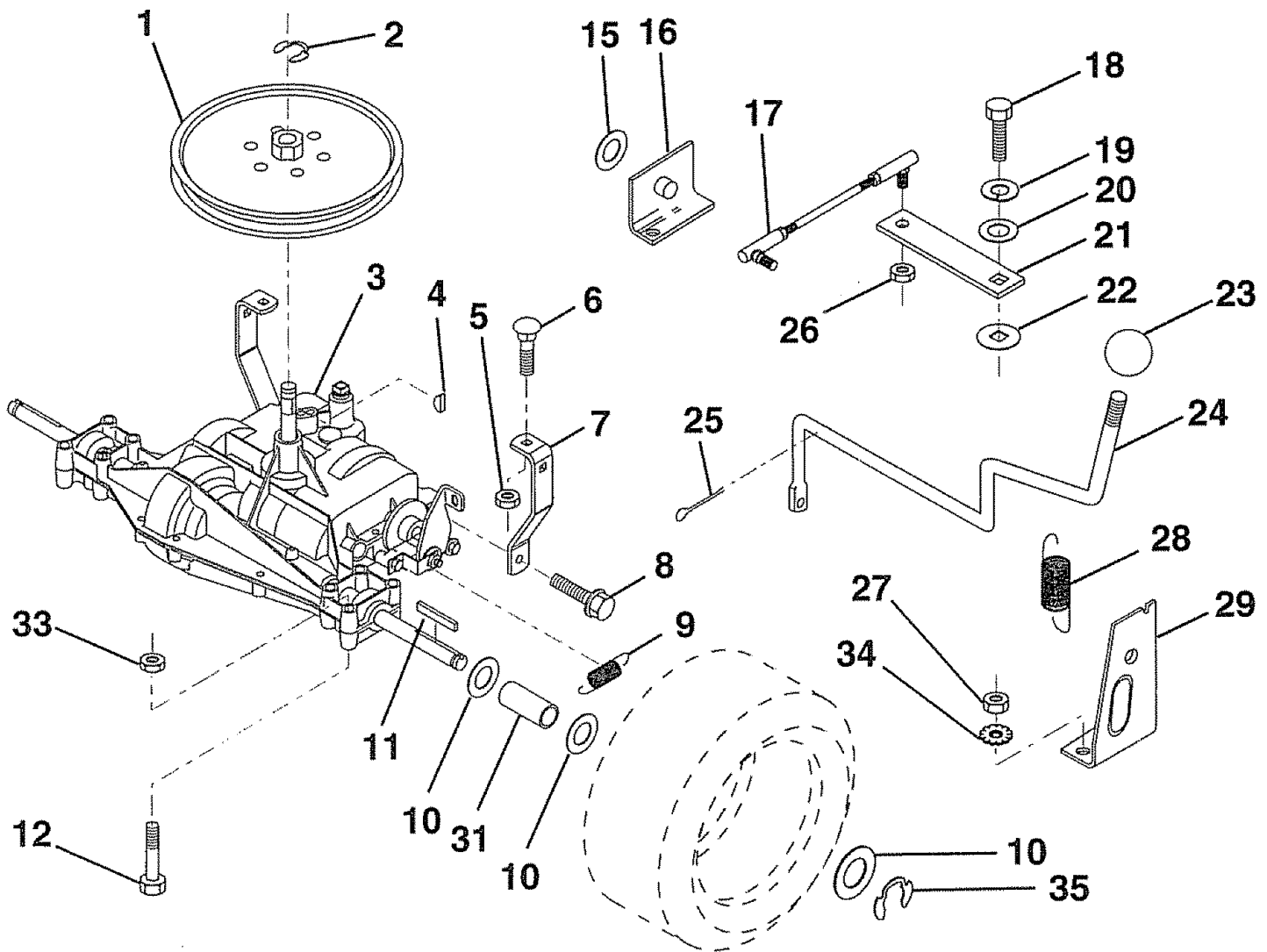
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HARDWARE SHOWN LARGER FOR EASIER IDENTIFICATION

REPAIR PARTS

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

TRANSAXLE



KEY PART NO. NO.

DESCRIPTION

KEY PART NO. NO.

DESCRIPTION

1	123385X	Pulley
2	12000028	Ring, Retainer
3	137365	Transaxle, Dana, 5 Speed, Model Number 4360-50
4	2228M	Key, Woodruff #9
5	STD541431	Nut, Crownlock 5/16-18
6	STD533107	Bolt, Carriage 5/16-18 UNC x 3/4
7	123378X	Strap, Torque
8	17490512	Screw, Hex Head, Thd., Roll. 5/16-18 x 3/4
9	110422X	Spring, Brake
10	121749X	Washer 25/32 x 1-1/4 x 16 Gauge
11	123583X	Key, Square
12	STD523727	Bolt, Fin Hex 3/8-16 x 2-3/4
15	STD551050	Washer 17/32 x 1 x 16 Gauge
16	124600X	Support, Shift Handle, L.H.
17	123632X	Link, Shift
18	71040412	Bolt, Hex Head, Fin. 1/4-28 x 3/4 Grade 8

19	STD551125	Washer, Lock 1/4
20	19091210	Washer 9/32 x 3/4 x 10 Gauge
21	123484X	Arm, Shift
22	105701X	Washer, Shift Plate
23	106933X	Knob
24	128215	Rod, Shift
25	STD561210	Pin, Cotter 1/8 x 1
26	STD541531	Nut, Hex, Nylon 5/16-24
27	STD541431	Nut, Hex, Keps 5/16-18
28	128085	Spring, Extension
29	128084	Support, Shift Handle, R.H.
31	123409X	Spacer, Split .80 x 1.31
32	STD551031	Washer 11/32 x 11/16 x 16 Gauge
33	STD541437	Nut, Crownlock 3/8-16 UNC
34	11050500	Washer, Lock, External Tooth 5/16
35	STD581075	E-Ring

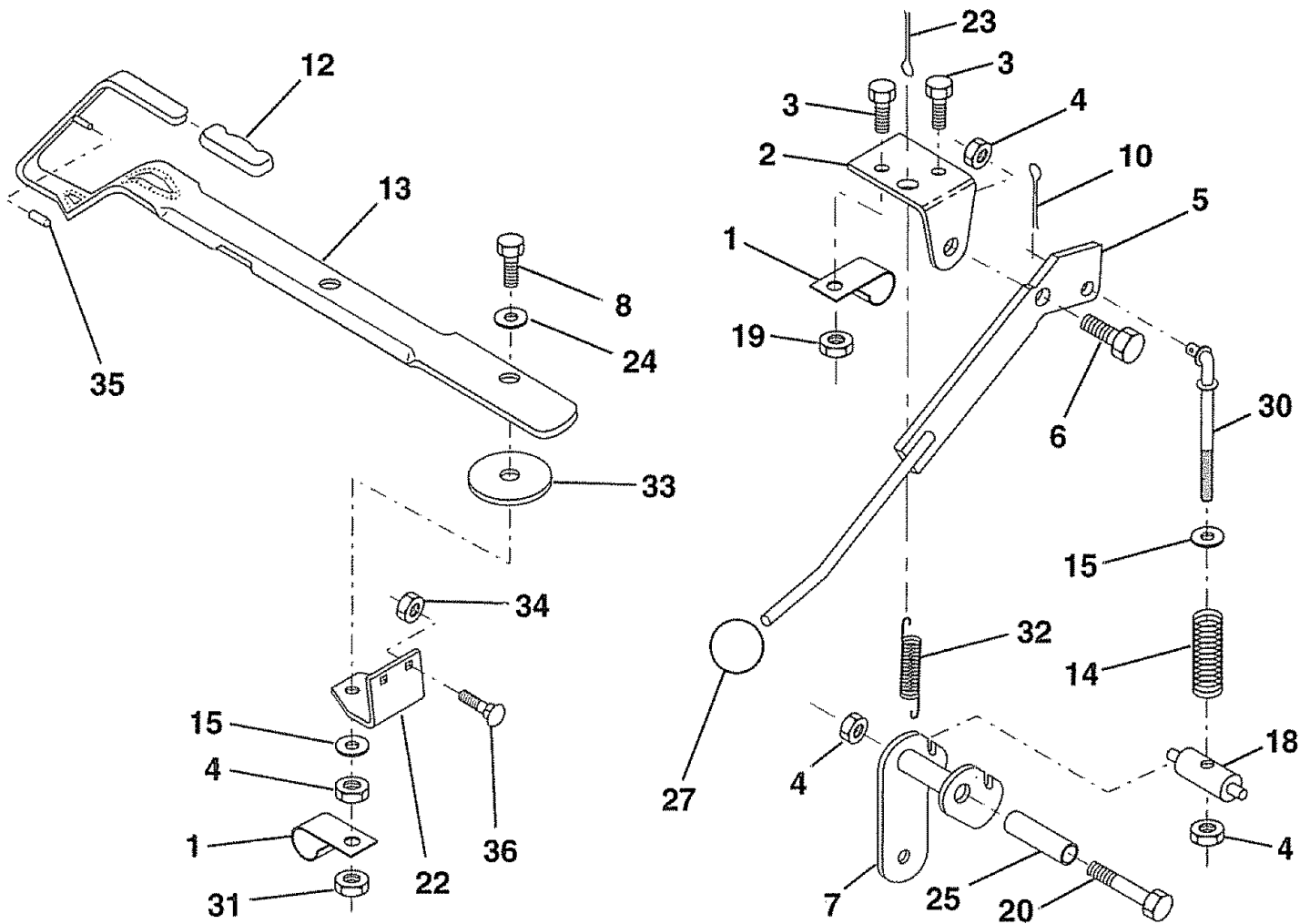
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HARDWARE SHOWN LARGER FOR EASIER IDENTIFICATION

REPAIR PARTS

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

MOWER LIFT LEVER



KEY PART NO.	NO.	DESCRIPTION
1	126470X	Clip, Fuel Line
2	122018X	Bracket, Mower Clutch
3	74780408	Bolt, Hex Head, Fin.
4	STD541437	Nut, Crownlock 3/8-16 UNC
5	132552	Assembly, Clutch Lever
6	106451X	Bolt, Shoulder
7	135110	Assembly, Mower Clutch Arm
8	74930624	Bolt, Hex Head 3/8-16 x 1-1/2
10	76020412	Pin, Cotter 1/8 x 3/4
12	122027X	Handle, Lift Lever
13	136658	Assembly, Lift Handle
14	133939	Spring, Compression, Clutch
15	19131616	Washer 13/32 x 1 x 16 Gauge
18	135107	Trunnion
19	73680400	Nut, Crownlock 1/4-20

KEY PART NO.	NO.	DESCRIPTION
20	STD523727	Bolt, Hex, Fin. 3/8-16 UNC x 2-3/4
22	132561	Bracket, Lift Lever
23	76020312	Pin, Cotter 3/32 x 3/4
24	7672J	Washer 25/64 x 1-1/4 x 12 Gauge
25	121933X	Tube, Spacer
27	106932X	Knob
30	135039	Rod, Tension, Clutch
31	73930600	Nut, Centerlock 3/8-16
32	133435	Spring, Extension, Return
33	62333	Washer .390 x 1.437 x .074
34	STD541431	Nut, Crownlock 5/16-18
35	133603	Cap, Vinyl, Red
36	STD533107	Bolt, Carriage 5/16-18 x 3/4

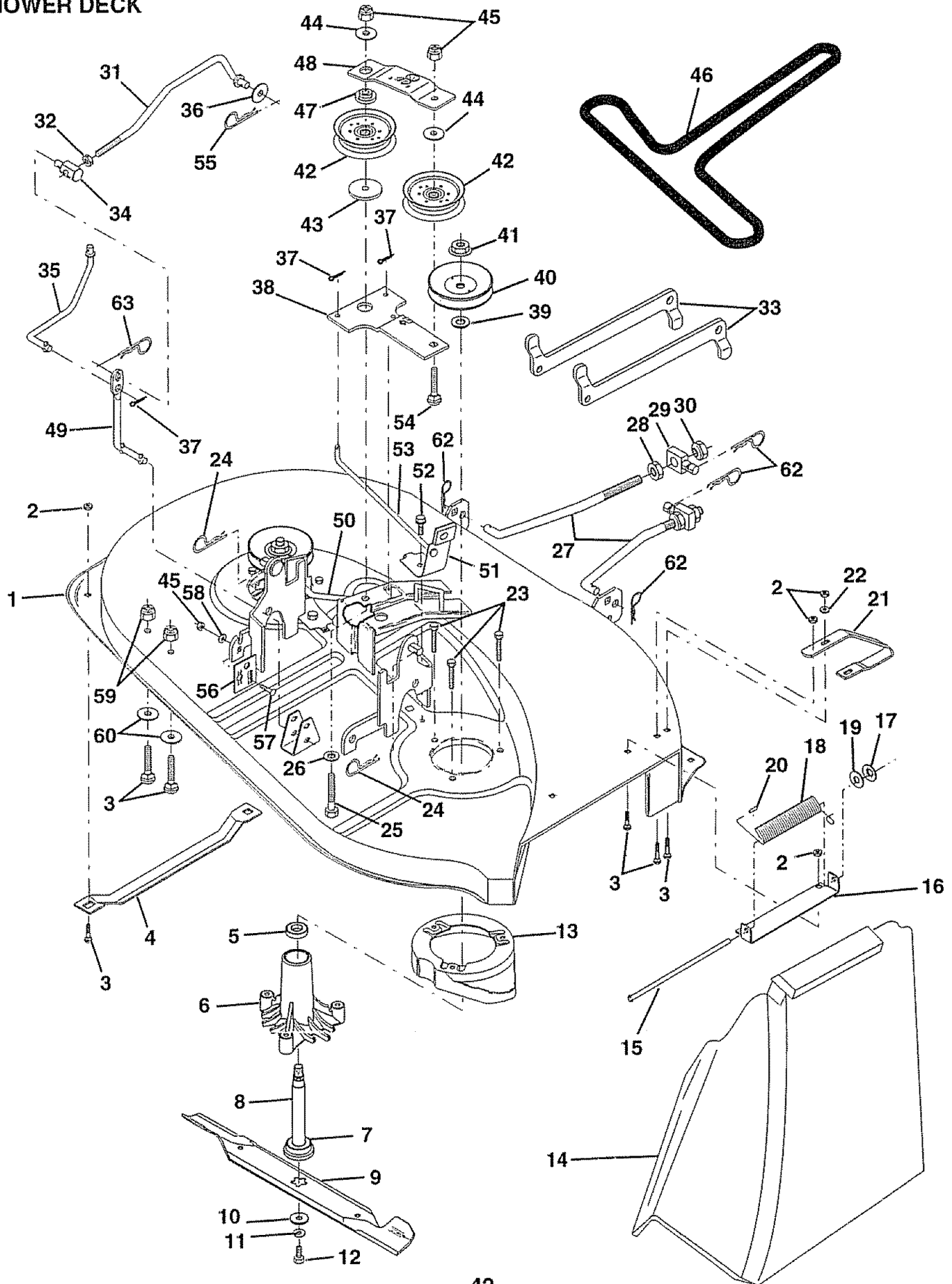
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HARDWARE SHOWN LARGER FOR EASIER IDENTIFICATION

REPAIR PARTS

12 HP 38" TRACTOR -- MODEL NUMBER 917.256922

MOWER DECK



REPAIR PARTS

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

MOWER DECK

KEY PART NO.	NO.	DESCRIPTION	KEY PART NO.	NO.	DESCRIPTION
1	138356	Mower Deck Assembly	36	STD551037	Washer 13/32 x 13/16 x 16 Gauge
2	STD541431	Nut, Crownlock 5/16-18	37	STD560907	Pin, Cotter 3/32 x 3/4
3	STD533107	Bolt, Carriage 5/16-18 x 3/4	38	133840	Idler Arm
4	7631J	Runner, L.H.	39	129963	Washer .150 Thick
5	110485X	Bearing	40	129206	Pulley, Mandrel
6	128774	Housing, Mandrel	41	137266	Nut, Flangelock 9/16
7	129895	Bearing	42	131494	Pulley, Flat Idler
8	137645	Shaft & Bearing Assembly, Mandrel (Includes Key Number 7)	43	122052X	Spacer, Retainer
9	138497	Blade, High Performance	44	19131612	Washer 13/32 x 1 x 12 Gauge
10	129962	Washer, Hard	45	STD541437	Nut, Crownlock 3/8-16
11	STD551137	Washer, Lock 3/8	46	131290	Belt
12	850857	Bolt, Hex 3/8-24 x 1-1/4 Grade 8	47	133502	Spacer, Idler Arm
13	136929	Stripper, Mower, Vented	48	133503	Stiffener, Idler Arm
14	106736X	Shield, Deflector	49	133551	Rod, Pivot
15	106735X	Rod, Hinge	50	131289	Rod, Brake, L.H.
16	137607	Bracket Assembly, Deflector	51	130840	Brake Assembly
17	110452X	Pushnut	52	17490512	Screw, Hex Washer Head, Thd., Roll. 5/16-18 x 3/4
18	123713X	Spring, Deflector	53	131288	Rod, Brake, R.H.
19	19111016	Washer 11/32 x 5/8 x 16 Gauge	54	STD533717	Bolt, Carriage 3/8-16 x 1-3/4 Grade 5
20	105304X	Cap, Sleeve	55	4921H	Spring, Retainer
21	128772	Runner, R.H.	56	136782	Adjustment Plate, Rear Link
22	19111216	Washer 11/32 x 3/4 x 16 Gauge	57	STD533707	Bolt, Carriage 3/8-16 x 3/4
23	78158	Bolt, Hex Head 5/16-18 x 1-1/4	58	19131212	Washer 13/32 x 3/4 x 12 Gauge
24	STD624008	Retainer, Spring	59	73800500	Locknut, Hex, with Washer Insert 5/16-18
25	74600636	Bolt, Carriage 3/8-16 x 2-1/4	60	19111112	Washer 11/32 x 11/16 x 16 Gauge
26	19131612	Washer 13/32 x 1 x 12 Gauge	61	72140506	Bolt, Hex Head 5/16-18 x 3/4
27	132556	Link, Front	62	3146R	Retainer Spring
28	73350800	Nut, Hex, Jam 1/2-13 UNC	63	4497H	Retainer Spring
29	130171	Trunnion	--	130794	Mandrel Assembly (Includes Key Numbers 5-8, 10-12, 39 and 41)
30	STD541450	Locknut with Washer Insert 1/2-13 UNC	--	138411	Mower Deck, Complete
31	132553	Rod, Clutch, Primary			
32	STD541237	Nut, Hex, Jam 3/8-16			
33	132559	Arm, Suspension, Rear			
34	133604	Trunnion 3/8-16			
35	132554	Rod, Clutch, Secondary			

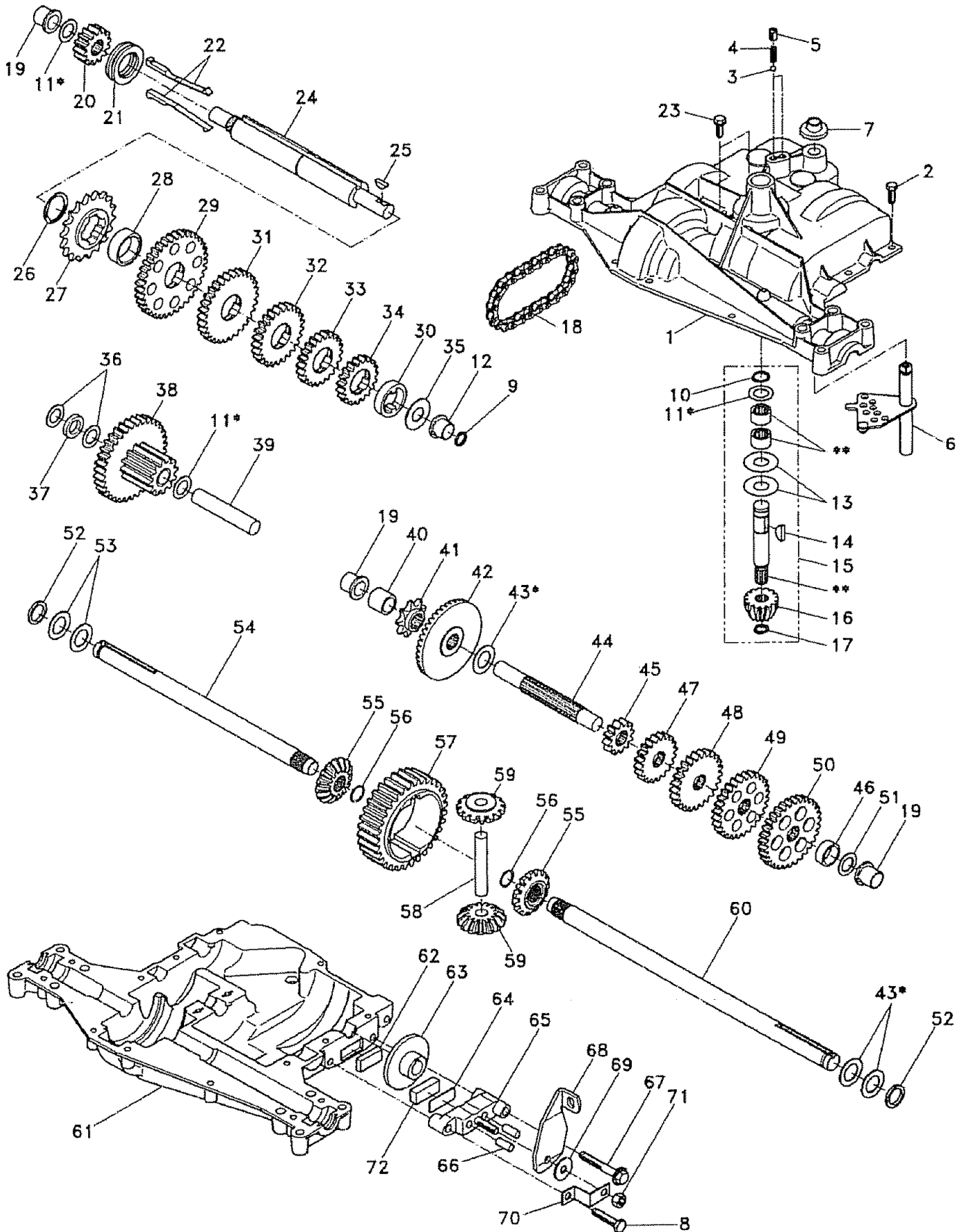
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HARDWARE SHOWN LARGER FOR EASIER IDENTIFICATION

REPAIR PARTS

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

DANA TRANSAXLE - MODEL NUMBER 4360-50



REPAIR PARTS

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

DANA TRANSAXLE - MODEL NUMBER 4360-50

KEY PART NO. NO.	DESCRIPTION	KEY PART NO. NO.	DESCRIPTION
1 138248	Housing, Upper	40 120472X	Spacer .635 x .875 x .755
2 2274J	Screw, Self-Tapping, Large 1/4-20 x .734	41 105928X	Sprocket, 9 Teeth
3 134400	Ball, Detent	42 110084X	Gear, Bevel, 42 Teeth
4 105904X	Spring, Detent	43 134394	* Assembly, Kit, Shim .750 Shaft
5 105905X	Screw, Set	44 120473X	Shaft, Drive
6 138235	Kit, Shifter Assembly	45 105933X	Gear, Spur, 12 Teeth
7 134399	Boot, Shifter	46 105936X	Spacer .781 x 1.00 x .375
8 106596X	Screw, Self-Tapping, Large 5/16-18 x 1.44	47 120407X	Gear, Spur, 20 Teeth
9 138241	Square Ring	48 106589X	Gear, Spur, 25 Teeth
10 2267J	Ring, Retaining	49 120408X	Gear, Spur, 28 Teeth
11 134793	* Assembly, Kit, Shim .625 Shaft	50 105937X	Gear, Spur, 31 Teeth
12 138240	Bearing, Flange	51 2226J	Washer, Plain .632 x 1.00 x .060
13 120415X	Washer, Plain .632 x 1.38 x .046	52 134401	Washer, Neoprene
14 2257J	Key, Woodruff, #9	53 2264J	Washer, Plain .758 x 1.25 x .031
15 138234	Assembly, Kit, Input Shaft	54 123907X	Axle, L.H.
16 110078X	Pinion, Bevel, 14 Teeth	55 110081X	Gear, Miter, 15 Teeth
17 105909X	Ring, Retaining	56 105941X	Ring, Retaining
18 105910X	Chain, 24 Pitches	57 110071X	Gear, Spur, 32 Teeth
19 105911X	Bearing, Flange	58 120952X	Shaft, Cross
20 138242	Gear, Spur, 14 Teeth	59 110082X	Gear, Miter, 15 Teeth
21 138246	Collar, Clutch	60 123908X	Axle, R.H.
22 138236	Assembly, Kit, Clutch Keys	61 138247	Housing, Lower
23 134791	Screw, Self-Tapping, with Sealer	62 120961X	Puck, Friction
24 138243	Shaft, Intermediate	63 7294J	Disc, Brake
25 2244J	Key, Woodruff, #61	64 108989X	Spacer
26 105916X	Ring, Retaining	65 120953X	Jaw, Brake
27 120470X	Sprocket, 18 Teeth	66 120954X	Pin, Dowel
28 110070X	Spacer	67 134799	Screw, Self-Tapping, Large 5/16-18 x 2.25
29 108977X	Gear, Spur, 37 Teeth	68 138244	Lever, Actuating
30 134797	Spacer 1.133 x 1.50 x .375	69 108996X	Washer, Plain .321 x 1.00 x .055
31 120405X	Gear, Spur, 30 Teeth	70 120956X	Bracket, Anti-Rotation
32 108980X	Gear, Spur, 25 Teeth	71 73810500	Locknut 5/16-24
33 120406X	Gear, Spur, 22 Teeth	72 120951X	Puck, Friction
34 134796	Gear, Spur, 19 Teeth	73 120416X	Grease
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 of 12 Teeth and 35 Teeth		
39 124639X	Shaft, Idler		

* Use in combinations to maintain proper clearances

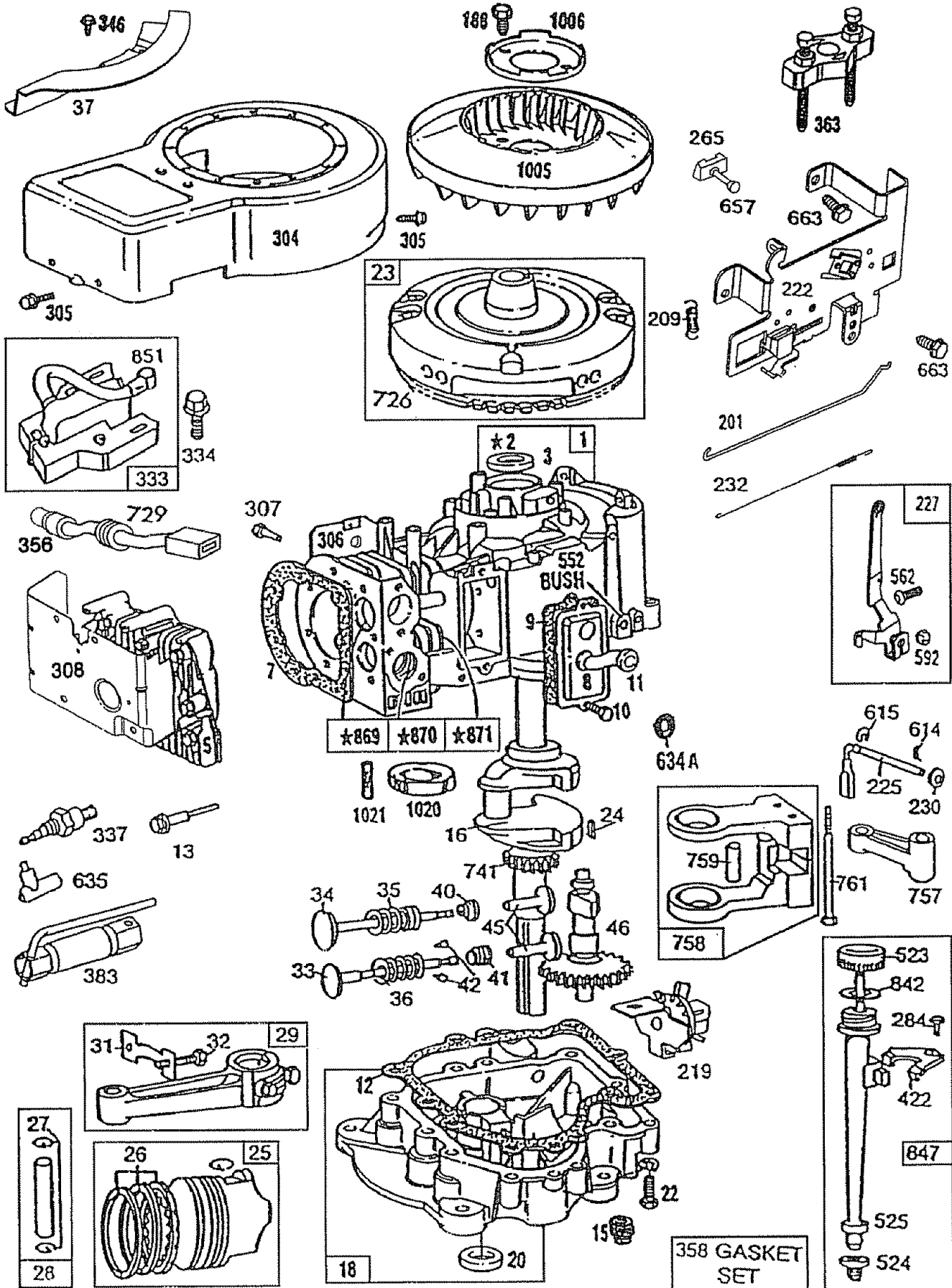
** Order Key No. 15

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REPAIR PARTS

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

BRIGGS & STRATTON ENGINE - MODEL NUMBER 283707, TYPE NUMBER 0217-01

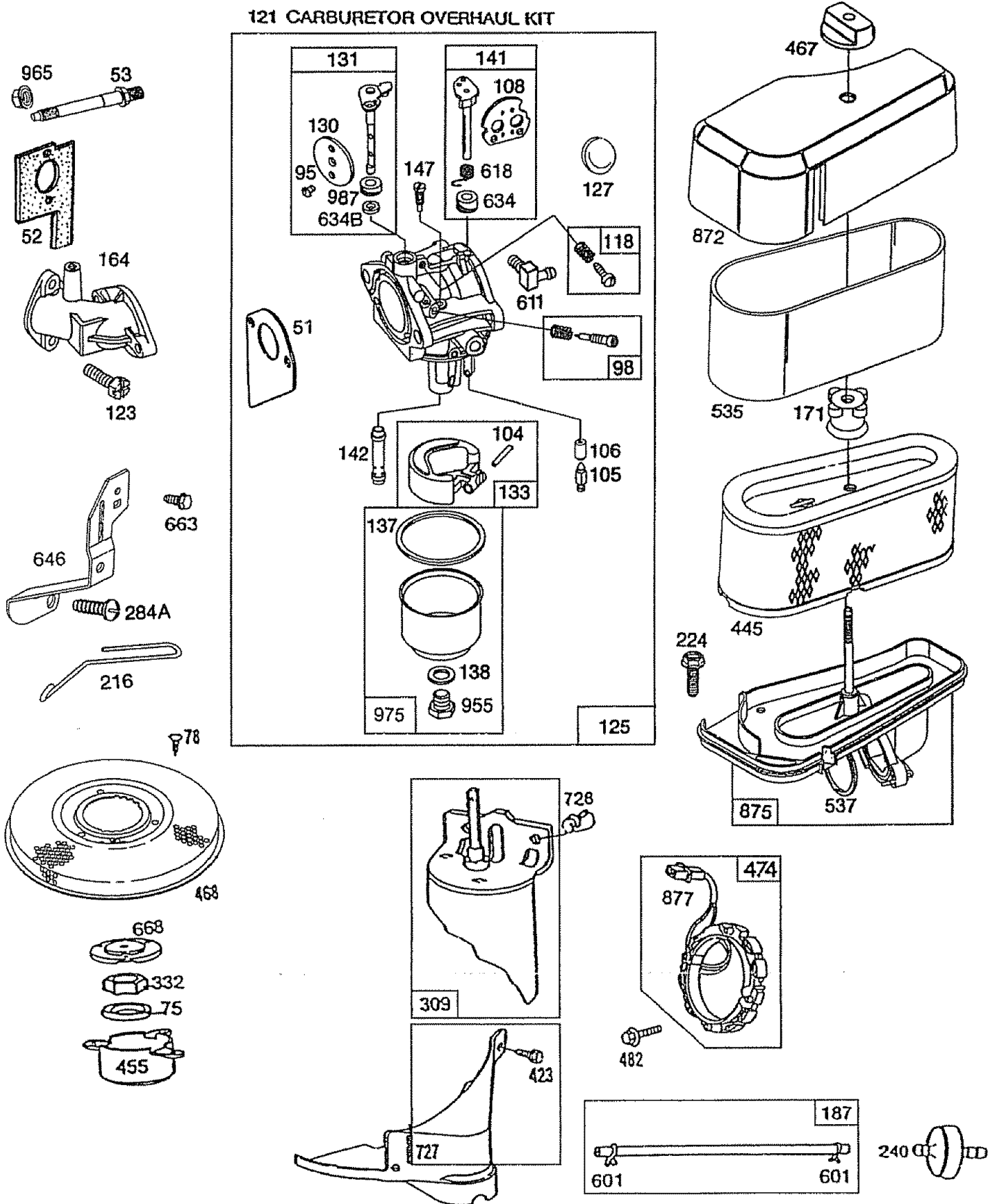


REPAIR PARTS

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

BRIGGS & STRATTON ENGINE - MODEL NUMBER 283707, TYPE NUMBER 0217-01

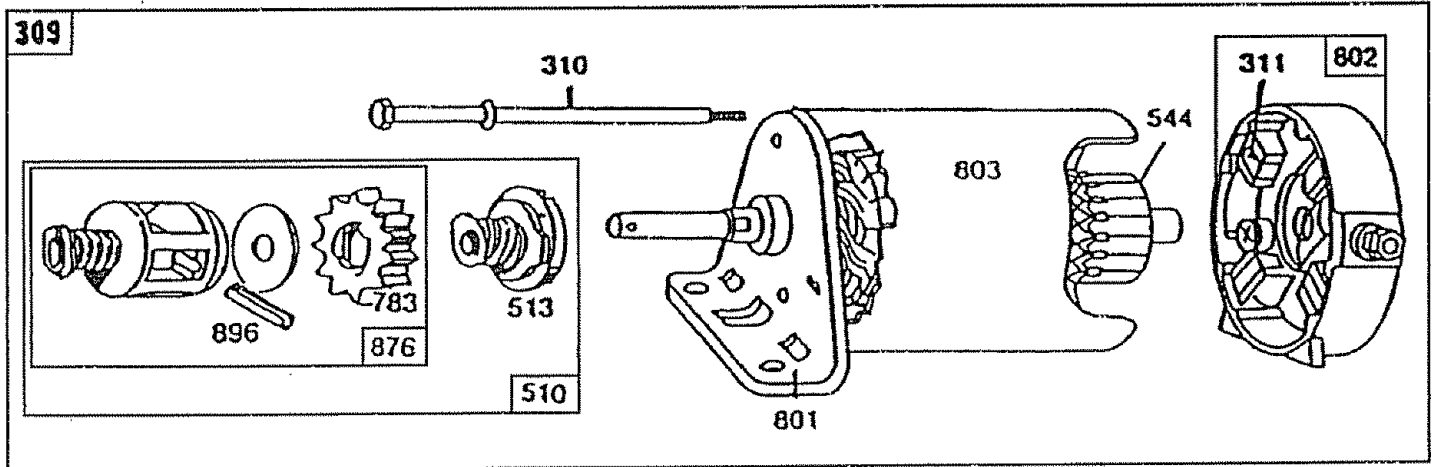
121 CARBURETOR OVERHAUL KIT



REPAIR PARTS

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

BRIGGS & STRATTON ENGINE - MODEL NUMBER 283707, TYPE NUMBER 0217-01



Reference Number		309	310	311	510	544	801	802	803
Manufacturer		Motor and Drive Ass'y.	Thru Bolt Assembly	Brush Assembly	Drive Assembly	Armature Assembly	Drive End Cap Assembly	End Cap Ass'y. Commutator	Housing Assembly
Briggs & Stratton	Housing Length								
12V	3-21/32"	394805	94003	395538	490421**	390837	394856	395537*	393825

*Includes Brush Set

**Includes #398003 Clutch Assembly (Ref. No. 513)
 #280104 Gear (Ref. No. 783)
 #490467 Retainer and Pin (Ref. No. 876)
 # 94288 Roll Pin (Ref. No. 896)

REPAIR PARTS

12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

BRIGGS & STRATTON ENGINE - MODEL NUMBER 283707, TYPE NUMBER 0217-01

KEY PART NO.	NO.	DESCRIPTION	KEY PART NO.	NO.	DESCRIPTION
1	490450	Cylinder Assembly	53	94637	Stud, Carburetor Mounting
2	399265	Bearing, Cylinder (Requires Special Tools For Installation)	75	224061	Washer, Spring
3	391086	* Seal, Oil	78	93805	Screw, Sems
5	494240	Head, Cylinder	95	94098	** Screw, Throttle
7	271866	* Gasket, Cylinder Head	98	495800	Screw, Idle Speed (Used After Code Date 92071900)
8	391406	Breather Assembly		494382	Screw, Idle Speed (Used Before Code Date 92072000)
9	27803	* Gasket, Valve Cover	104	231789	** Pin, Float Hinge
10	93394	Screw, Sems	105	231855	** Valve Assembly, Inlet Needle (Used After Code Date 92071900)
11	280100	Tube, Breather		231790	** Valve Assembly, Inlet Needle (Used Before Code Date 92072000)
12	271916	* Gasket, Crankcase Cover 1/64"			Inlet, Valve Seat (Used After Code Date 92071900)
	271997	* Gasket, Crankcase Cover .005"	106	231854	Inlet, Valve Seat (Used Before Code Date 92072000)
	271996	* Gasket, Crankcase Cover .009"		281169	Valve, Choke
13	93723	Screw, Cylinder Head	108	224540	** Valve, Needle
15	94239	Plug, Oil Drain	118	494383	Carburetor Overhaul Kit
16	490466	Crankshaft	121	494384	Screw, Elbow Mounting
	94196	Key, Timing Gear	123	94616	Carburetor Assembly
18	494238	Base, Engine	125	494502	** Plug, Welch (Sold in Kit Only)
20	291675	* Seal, Oil	127	- - -	Valve, Throttle
22	94305	Screw, Sems, Base Mounting	130	224539	Shaft and Lever, Throttle
23	492326	Flywheel and Ring Gear Assembly, Magneto	131	494379	Float, Carburetor
24	222698	Key, Flywheel	133	494381	*** Gasket, Float Bowl
25	394661	Piston Assembly, Standard	137	281165	*** Washer, Float Bowl Screw
	394662	Piston Assembly .010" Oversize	138	281164	** Shaft and Lever, Choke
	394663	Piston Assembly .020" Oversize	141	494380	** Nozzle / Jet, Carburetor
	394664	Piston Assembly .030" Oversize	142	494537	High Altitude Kit: 231796 Pilot, Jet, High Altitude
26	391780	Ring Set, Piston, Standard Size		494499	281164 Seal, Bowl Screw
	392331	Ring Set, Piston, Chrome, Standard	147	231794	** Pilot, Jet
	391781	Ring Set, Piston .010" Oversize	164	213819	Carburetor, Elbow
	391782	Ring Set, Piston .020" Oversize	171	281051	Nut, Air Cleaner Mounting
	391783	Ring Set, Piston .030" Oversize	187	393815	Line, Fuel
27	260924	Lock, Piston Pin	188	93535	Screw, Sems
28	299691	Pin Assembly, Piston, Standard	201	262767	Link, Governor
	391286	Pin Assy., Piston .005" Oversize	209	260871	Spring, Governor
29	490348	Rod Assembly, Connecting	216	262766	Link, Choke
	490469	Rod Assembly, Connecting, .020" Undersize Crankpin Bore	219	490815	Oil Slinger, Governor Gear and Bracket Assembly
31	222299	Lock, Connecting Rod Screw			
32	92909	Screw, Connecting Rod			
33	262246	Valve, Exhaust			
34	262247	Valve, Intake			
35	65906	Spring, Intake Valve			
36	26828	Spring, Exhaust Valve			
37	223752	Guard, Flywheel			
40	221596	Retainer, Intake Valve			
41	292260	Rotocoil, Exhaust Valve			
42	93630	Retainer, Exhaust Valve Rotocoil			
45	262248	Tappet, Valve			
46	212897	Gear, Cam			
51	272465	*** Gasket, Carburetor (Carburetor to Elbow)			
52	270872	* Gasket, Carburetor (Elbow to Cylinder)			

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

REPAIR PARTS

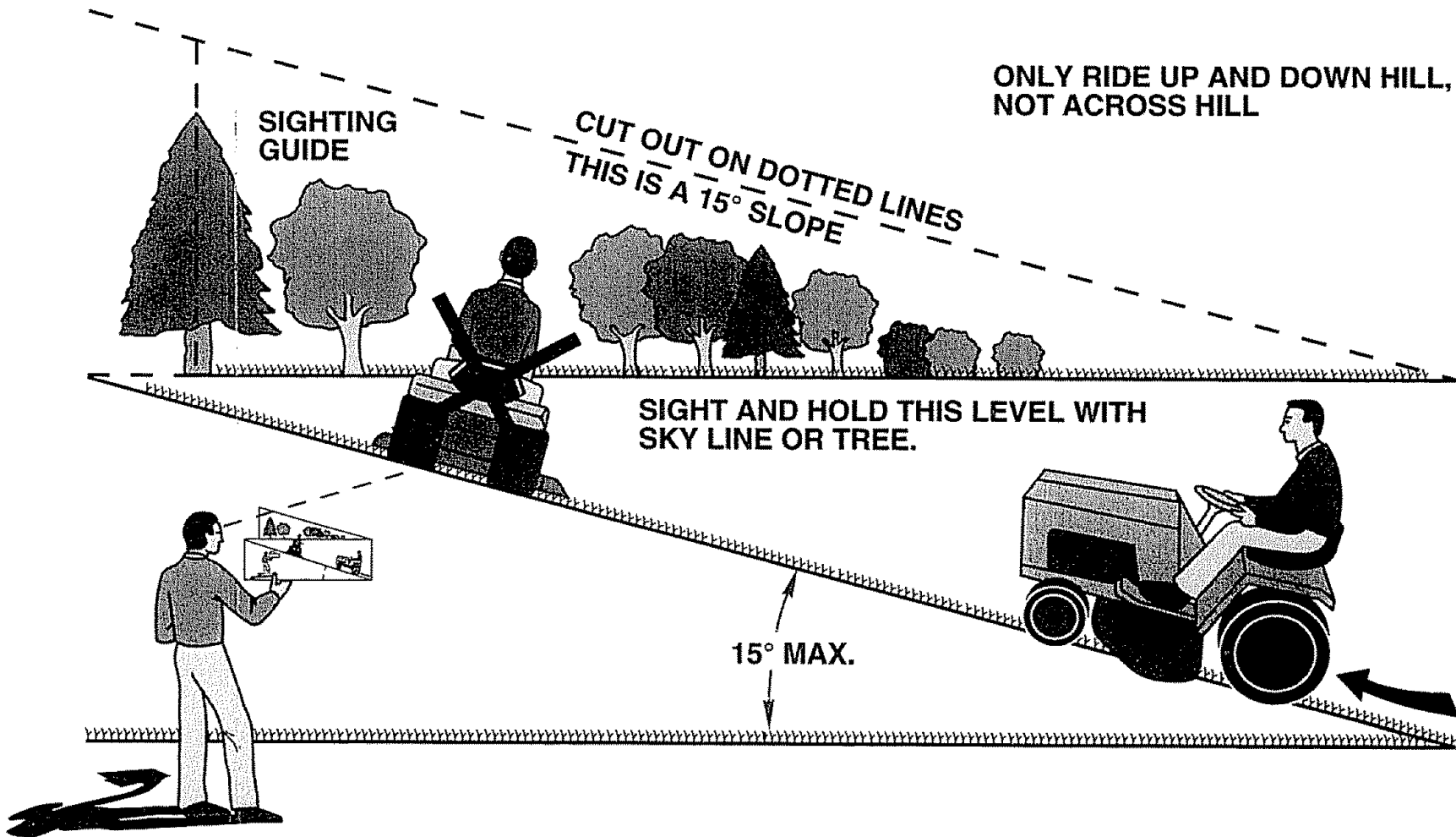
12 HP 38" TRACTOR - - MODEL NUMBER 917.256922

BRIGGS & STRATTON ENGINE - MODEL NUMBER 283707, TYPE NUMBER 0217-01

KEY PART NO. NO.	DESCRIPTION	KEY PART NO. NO.	DESCRIPTION
222 494887	Plate, Governor Control (Choke-A-Matic)	634 281168	** Seal, Choke Shaft
224 94513	Screw, Sems, Air Cleaner	634A 491323	* Seal, Governor
225 231058	Crank, Governor	634B 281167	Washer, Throttle Shaft
227 493935	Lever Assembly, Governor	635 66538	Elbow, Spark Plug
230 222450	Washer, Governor Crank	646 224546	Brace, Air Cleaner
232 262785	Spring, Governor Link	657 93496	Screw, Sems
240 394358	Filter, Fuel	663 94620	Screw, Hex Head
265 221535	Clamp, Casing	668 280848	Spacer
284 94419	Screw, Clamp Mounting	726 392134	Gear, Ring
284A 94326	Screw, Air Cleaner	727 490324	(Includes Mounting Parts) Cover, Starter (Includes Mounting Screws)
304 494269	Housing, Blower	728 94627	Screw, Sems
305 94608	Screw, Sems, Blower Housing Mounting	729 281159	Clip, Lead Wire
306 224545	Shield, Cylinder	741 262135	Gear, Timing
307 93949	Screw, Sems, Cylinder Shield Mounting	757 212359	Link, Counterweight
308 491490	Cover, Cylinder Head	758 399891	Counterweight Assembly
309 - - -	Motor, Starting (See Chart on Illustrated Pages for Replacement Parts for Starting Motors)	759 298909	Pin, Counterweight
332 92284	Nut, Hex	761 93875	Screw, Counterweight
333 492341	Armature, Magneto	842 270920	Seal, Oil Filler Cap
334 93381	Screw, Sems, Armature Mounting	847 490474	Fill Group, Oil
337 802592	Plug, Spark	851 221798	Terminal, Ignition Cable
346 93705	Screw, Hex Head	869 261463	Seat, Intake Valve, Standard
356 494328	Wire, Ground	870 213316	Seat, Exhaust Valve, Standard
358 494241	Gasket Set	871 261961	Guide, Exhaust Valve
363 19203	Puller, Flywheel	872 281104	Cover, Air Cleaner
383 89838	Wrench, Spark Plug	875 494237	Body, Air Cleaner
422 223721	Clamp, Oil Filler Tube	877 393456	Diode and Connector Assembly, Dual Circuit
423 94073	Screw, Sems	955 94642	** Screw, Fuel Bowl
445 493909	Cartridge, Air Cleaner	965 94108	Locknut, Air Cleaner Mounting
455 222561	Cup, Screen Mounting	975 494378	Bowl Assembly, Carburetor
467 493903	Knob, Air Cleaner	977 494385	Carburetor Gasket Kit
468 222562	Screen, Flush Rotating	987 281166	** Seal, Throttle Shaft
474 393474	Stator, Alternator	1005 280687	Fan, Flywheel
482 93621	Screw, Sems	1006 224413	Retainer, Fan
523 490327	Cap and Dipstick, Oil Filler	1020 262243	Eccentric
524 68838	Seal, Filler Tube	1021 94160	Pin, Eccentric
525 280741	Tube, Oil Filler		RPM Settings: Low: 1550-1950 High: 3200-3400
535 272403	Element, Air Cleaner		
537 281106	* O-Ring, Air Cleaner		* Included in Gasket Set (494241)
552 231597	Bushing, Governor Crank		** Included in Carburetor Overhaul Kit (494384)
562 92613	Bolt, Governor Lever		*** Included in both Carburetor Overhaul Kit (494384) and Carburetor Gasket Set (494385)
592 231082	Nut, Hex #10-24		
601 93053	Clamp, Fuel Pipe		
611 494451	Fuel Inlet Tube		
614 93306	Cotter, Hair Pin		
615 93307	Retainer, E-Ring		
618 262803	Spring, Choke Return		

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

SUGGESTED GUIDE FOR SIGHTING SLOPES FOR SAFE OPERATION



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

SEARS

**OWNER'S
MANUAL**

**MODEL NO.
917.256922**

**HOW TO ORDER
REPAIR PARTS**

CRAFTSMAN®

**12 HP IC
ELECTRIC START
38" MOWER
5 SPEED TRANSAXLE
LAWN TRACTOR**

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

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

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

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

**WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE
FOLLOWING INFORMATION:**

- PRODUCT - LAWN TRACTOR
- MODEL NUMBER - 917.256922
- ENGINE MODEL NO. - 283707, TYPE NO. 0217-01
- PART NUMBER
- PART DESCRIPTION

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