

Sears

OWNERS
MANUAL

MODEL NO.
917.255275

Caution:
Read Rules for
Safe Operation
and Instructions
Carefully



FOR OFFICE USE
DO NOT RELEASE
10 H.P.

36" RIDING
LAWN TRACTOR
ELECTRIC START

Assembly
Installation
Operation
Repair Parts

MODEL
NUMBER _____
SERIAL
NUMBER _____
THE MODEL AND SERIAL NUMBERS
WILL BE FOUND ON THE MODEL
PLATE ATTACHED TO THE CHASSIS
ASSEMBLY. (REFER TO PAGE 18).

YOU SHOULD RECORD BOTH MODEL
AND SERIAL NUMBERS AND KEEP
IN A SAFE PLACE FOR FUTURE
REFERENCE.

CONGRATULATIONS on your purchase of a Sears Lawn 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, Roebuck and Co. Store. They have competent, well-trained technicians and the proper tools to service or repair this unit.

Please read and retain this manual. The instructions will enable you to assemble, operate and maintain your Tractor properly. Always observe the "RULES FOR SAFE OPERATION".

FULL ONE YEAR WARRANTY ON ELECTRIC START LAWN TRACTOR

For one year from the date of purchase, when this Lawn Tractor is used for personal household purposes, Sears will repair any defect in material or workmanship in this Lawn Tractor, except the battery, at no charge.

If this Lawn Tractor is used for commercial or rental purposes, this warranty applies for only 30 days from the date of purchase.

FULL 90-DAY WARRANTY ON BATTERY

For 90 days from the date of purchase, if any battery included with the Lawn Tractor proves defective in material or workmanship and will not hold a charge, Sears will replace the battery, at no charge.

LIMITED WARRANTY ON BATTERY

From the 91st day until one year from the date of purchase, if any battery included with the Lawn Tractor proves defective in material or workmanship and will not hold a charge, Sears will replace the battery, charging 1/12th of the price of the new battery for each full month from the date of purchase.

Warranty service is available at your home, at no charge, by simply contacting the nearest Sears store or Service Center throughout the United States.

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

Sears, Roebuck and Co.
Sears Tower
BSC 41-3
Chicago, IL 60684

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RULES FOR SAFE OPERATION

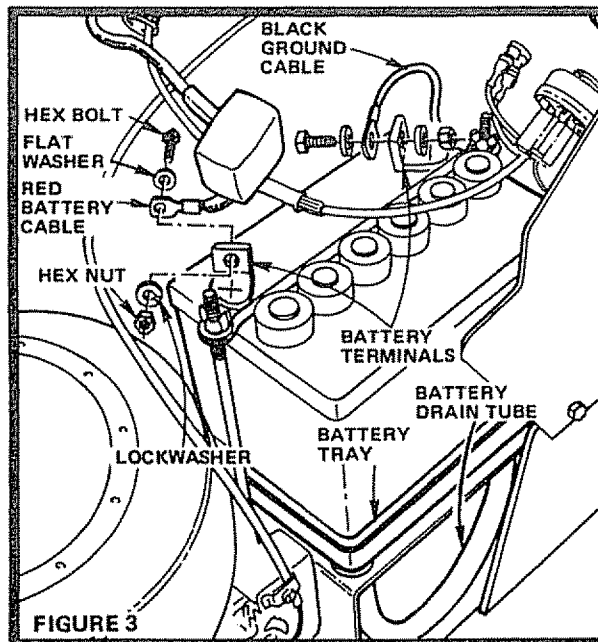
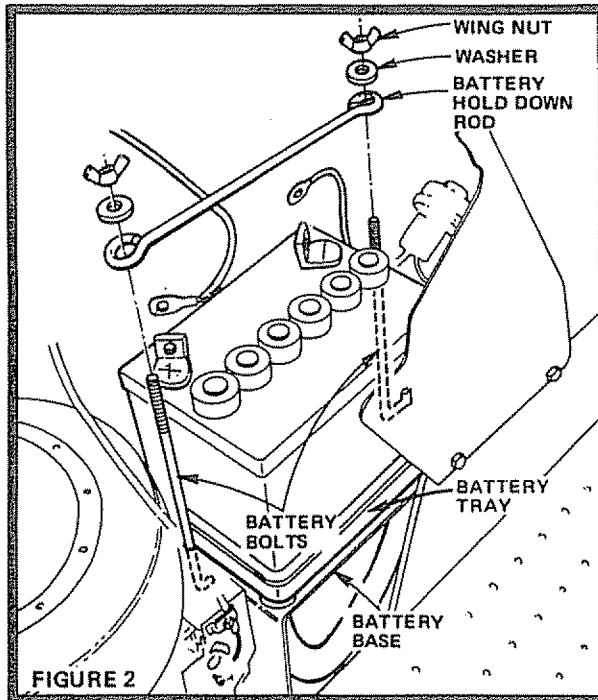
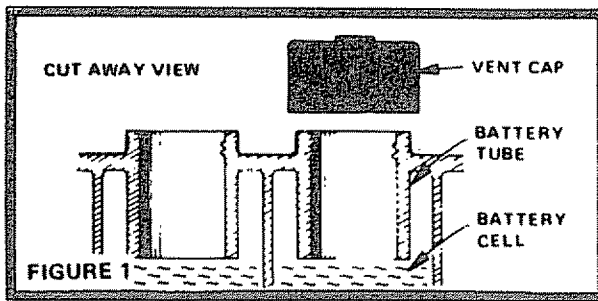
WARNING: This unit is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered or grass-covered land unless the engine's exhaust system is equipped with a spark arrester meeting applicable local or state laws (if any). If a spark arrester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

In the State of California the above is required by law (Section 4442 of the California Public Resources Code). Other states may have similar laws. Federal laws apply on federal lands. See your Sears Authorized Service Center for spark arrester muffler part number 673A223.

1. Know the controls and how to stop quickly. **READ THE OWNER'S MANUAL.**
2. Do not allow children to operate the vehicle. Do not allow adults to operate it without proper instruction.
3. Do not carry passengers. Keep children and pets a safe distance away.
4. Always wear substantial footwear. Do not wear loose fitting clothing that could get caught in moving parts.
5. Keep your eyes and mind on your tractor, mower and the area being cut. Don't let other interests distract you.
6. Do not attempt to operate your tractor or mower when not in drivers seat.
7. Always get on or off your tractor from the operators left hand side.
8. Clear the work area of objects which might be picked up and thrown.
9. Disengage all attachment clutches and shift into neutral before attempting to start the engine.
10. Disengage power to attachments and stop the engine before leaving the operator's position.
11. Disengage power to mower, stop the engine and disconnect spark plug wire(s) from spark plug(s) before cleaning, making an adjustment or repairs.
12. Disengage power to attachments when transporting or not in use.
13. Take all possible precautions when leaving the vehicle unattended, such as disengaging the power-take-off, lowering the attachments, shifting into neutral, setting the parking brake, stopping the engine, and removing the key.
14. Do not stop or start suddenly when going uphill or downhill. Mow up and down the face of slopes (not greater than 15°); never across the face.
15. Reduce speed on slopes and make turns gradually to prevent tipping or loss of control. Exercise extreme caution when changing direction on slopes.
16. Do not shift gears while going up or down slopes. Choose a gear low enough to negotiate the slope without stopping and shifting gears. To reduce speed, move throttle lever to slow.
17. Never mow in wet or slippery grass, when traction is unsure or at a speed which could cause a skid.
18. Stay alert for holes in the terrain and other hidden hazards.
19. Do not drive too close to creeks, ditches and public highways.
20. Exercise special care when mowing around fixed objects in order to prevent the blades from striking them. Never deliberately run tractor or mower into or over any foreign object.
21. Never shift gears until tractor comes to a stop.
22. Never place hands or feet under the mower, in the deflector (discharge chute) or near any moving parts while tractor or mower are running. Always keep clear of discharge chute.
23. Use care when pulling loads or using heavy equipment.
 - a. Use only approved drawbar hitch points.
 - b. Limit loads to those you can safely control.
 - c. Do not turn sharply. Use care when backing.
 - d. Use counterweight or wheel weights when suggested in this owner's manual.
24. Watch out for traffic when crossing or near roadways.
25. When using any attachments, never direct discharge of material toward bystanders nor allow anyone near the vehicle while in operation.
26. Handle gasoline with care - it is highly flammable.
 - a. Use approved gasoline containers.
 - b. Never remove the cap of the fuel tank or add gasoline to a running or hot engine, or fill the fuel tank indoors. Wipe up spilled gasoline.
 - c. Open doors if the engine is run in the garage - exhaust fumes are dangerous. Do not run the engine indoors.
27. Keep the vehicle and attachments in good operating condition, and keep safety devices in place.
28. Keep all nuts, bolts and screws tight to be sure the equipment is in safe working condition.
29. Never store the equipment with gasoline in the tank inside a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure.
30. To reduce fire hazard, keep the engine free of grass, leaves or excessive grease.
31. Except for adjustment; **DO NOT** operate Engine if air cleaner or cover directly over carburetor air intake is removed. Removal of such part could create a fire hazard.
32. **DO NOT OPERATE WITHOUT A MUFFLER OR TAMPER WITH THE EXHAUST SYSTEM.** Damaged mufflers or spark arresters could create a fire hazard. Inspect periodically and replace if necessary.
33. The vehicle and attachments should be stopped and inspected for damage after striking a foreign object, and the damage should be repaired before restarting and operating the equipment.
34. Do not change the engine governor settings or overspeed the engine.
35. When using the vehicle with mower, proceed as follows:
 - a. Mow only in daylight or in good artificial light.
 - b. Never make a cutting height adjustment while the engine is running if the operator must dismount to do so.
 - c. Shut the engine off when removing the grass catcher or unclogging chute.
 - d. Check the blade mounting bolts for proper tightness at frequent intervals.
36. Check the grass catcher bags frequently for wear or deterioration. Replace with new bags for safety protection.
37. Do not operate the Mower without either the entire grass catcher, on mowers so equipped, or the deflector shield in place.
38. Disengage power to mower before backing up. Do not mow in reverse unless absolutely necessary and then only after careful observation of the entire area behind the mower.



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



To assemble your Tractor you will need:

one 3/4" socket wrench and two 7/16" wrenches

NOTE: RIGHT HAND (R.H.) AND LEFT HAND (L.H.) ARE DETERMINED FROM OPERATOR'S POSITION WHILE SEATED ON THE TRACTOR.

ASSEMBLY

1. Remove Shipping Strap Banding, Battery, Steering Wheel and Bag of Parts.
2. Filling and charging Battery (BEFORE INSTALLING ON TRACTOR).



WEAR EYE AND FACE SHIELD.

- a. Battery Electrolyte: SEE DETAILED INSTRUCTIONS PACKAGED WITH BATTERY.
- b. Fill Battery with electrolyte to bottoms of tubes in cells (Fig. 1) NOTE: DO NOT OVERFILL. (OVERFILLING WILL RESULT IN DAMAGE TO TRACTOR).



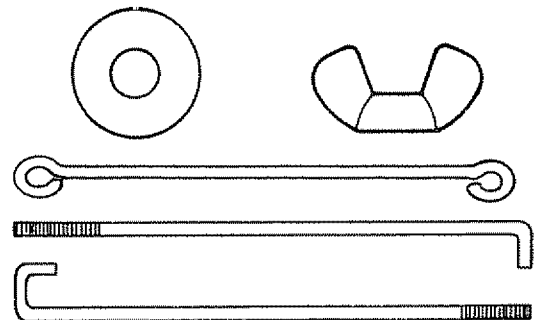
WASH HANDS OR CLOTHING IMMEDIATELY IF ACCIDENTALLY IN CONTACT WITH ELECTROLYTE.

- c. Check level of electrolyte after 30 minutes. Add additional electrolyte if necessary. NOTE: TIGHTEN CAPS SECURELY.
- d. Charge Battery at a rate not exceeding three amperes for about two and one half hours.



DO NOT SMOKE. FUMES FROM CHARGED ELECTROLYTE ARE EXPLOSIVE.

- e. Neutralize excess electrolyte 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.
3. Installing Battery using: two Flat Washers, two Wing Nuts (shown full size below) and



two Battery Bolts and Battery Hold Down Rod found in Bag of Parts.

- a. Hook one Battery Bolt into slot in the rear of the Battery Support (Fig. 2) NOTE: SHAPE OF BATTERY BOLT.
- b. Place Battery in Battery Tray (Fig. 2)
- c. Fasten Battery to installed Battery Bolt with the Battery Hold Down Rod, Washer and Wing Nut (Fig. 2).
- d. Hook remaining Battery Bolt to front of Battery Support and fasten Battery Hold Down Rod to it with remaining Flat Washer and Wing Nut. Tighten Wing Nuts securely by hand (Fig. 3).

NOTE: BE SURE BATTERY DRAIN TUBE IS SECURELY ATTACHED TO BATTERY TRAY DRAIN (FIG. 3).

4. Connecting Battery Cables using: two Hex Bolts, two Flat Washers, two Lockwashers and two Hex Nuts (shown full size below) and a Terminal Cover found in Bag of Parts.

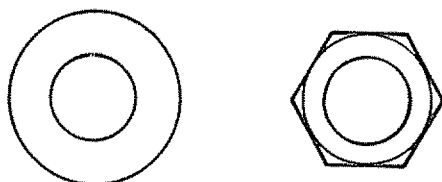


- a. Position Terminal Cover over RED Battery Cable (Fig. 4).



POSITIVE TERMINAL MUST BE CONNECTED FIRST TO PREVENT SPARKS FROM ACCIDENTAL GROUNDING.

- b. Connect RED Battery Cable to Positive (+) Battery Terminal with Hex Bolt, Flat Washer, Lockwasher and Hex Nut (Fig. 3). Form Cable in an upward position (Fig. 4) and tighten securely. Place Terminal Cover over Terminal. **NOTE: PULL TERMINAL COVER FORWARD TO ENCLOSE BATTERY TERMINAL (Fig. 5).**
- c. Connect BLACK Ground Cable to Negative (-) Battery Terminal with remaining Hex Bolt, Flat Washer, Lockwasher, and Hex Nut. Tighten securely (Fig. 3)
5. Install Steering Wheel using Flat Washer, Hex Jam Nut (shown full size below) and



Steering Wheel Insert found in Bag of Parts.

- a. Secure the Steering Wheel to Steering Shaft with Washer and Hex Jam Nut (Fig. 6). Tighten securely.
- b. Install the Steering Wheel Insert.

NOTE: A SPARK ARRESTOR MUFFLER (PAGE 23) IS AVAILABLE AS AN ACCESSORY PART FOR YOUR TRACTOR. CHECK LEGAL REQUIREMENTS IN YOUR AREA.

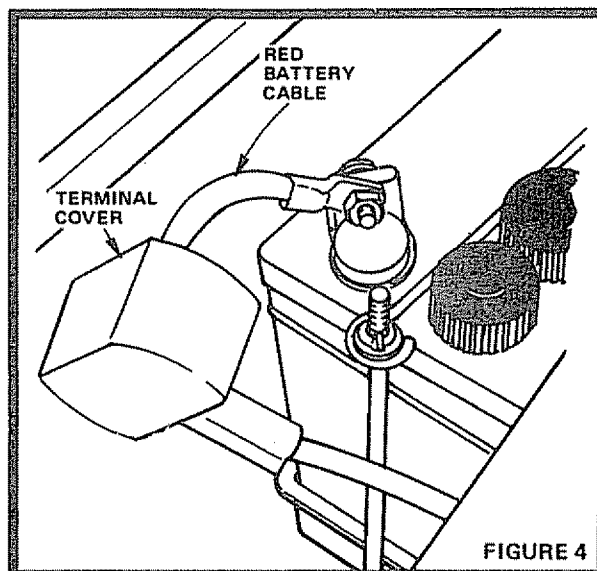


FIGURE 4

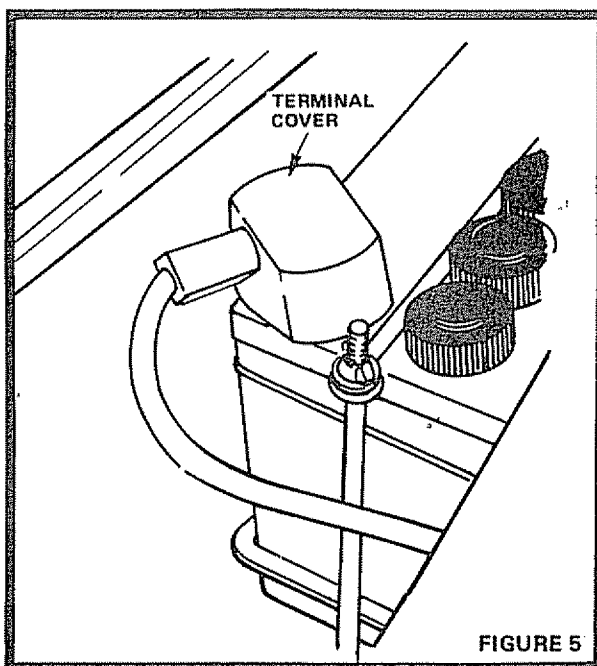


FIGURE 5

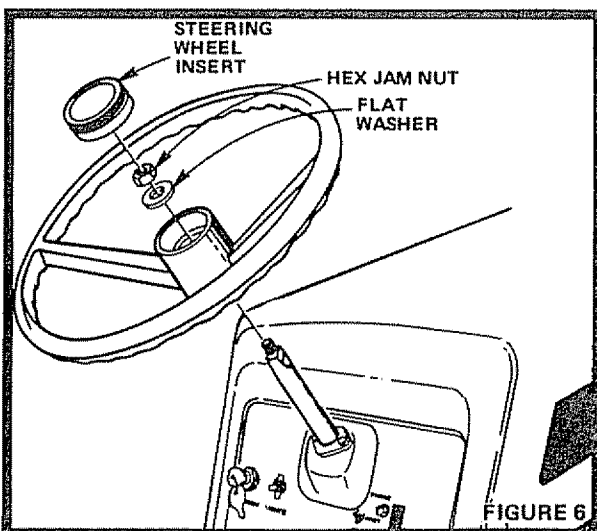
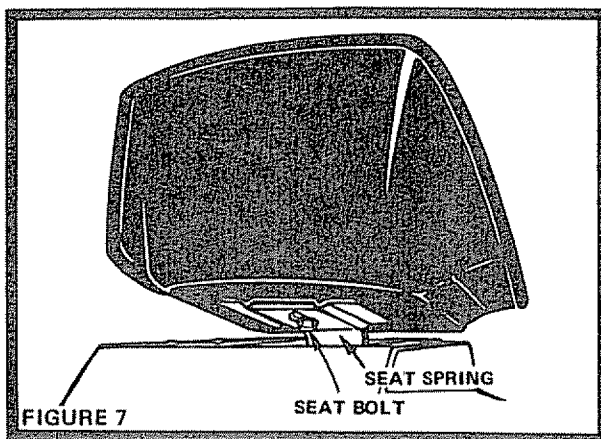


FIGURE 6

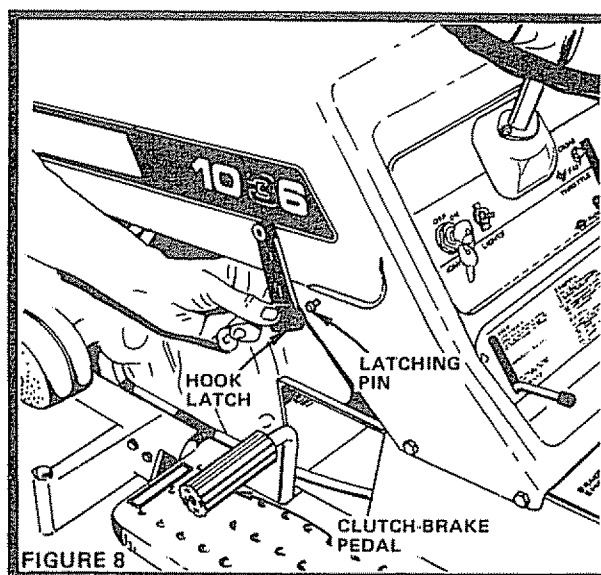


INITIAL ADJUSTMENTS

1. REDUCE TIRE PRESSURE TO 14 POUNDS IN FRONT AND 12 POUNDS IN REAR TIRES. (Tires were overinflated for shipping purposes).
2. Seat position should be adjusted forward or backward so that operator can comfortably reach Clutch-Brake Pedal (Fig. 8).
 - a. Loosen the Bolt beneath the Seat Spring (Fig. 7). Slide the seat forward or backward. Tighten Bolt securely.
3. Check mower alignment page 13 and adjust if necessary.

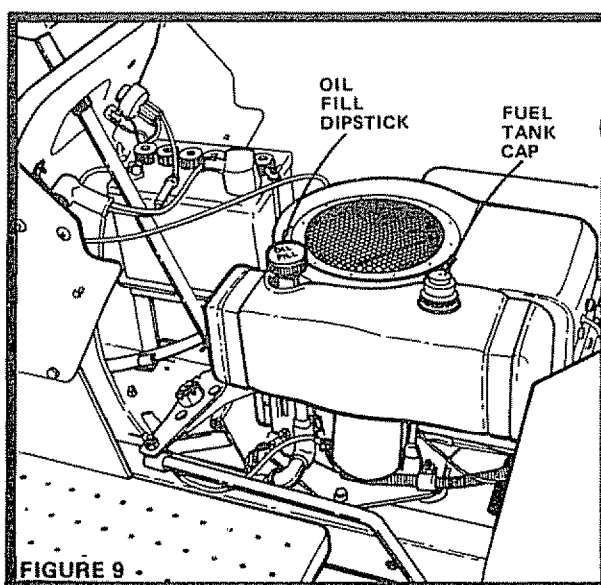
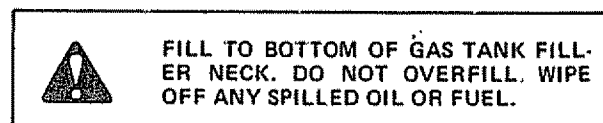
INITIAL SERVICE

NOTE: BE CAREFUL NOT TO ALLOW DIRT TO ENTER THE ENGINE WHEN CHECKING OR ADDING OIL OR FUEL.



1. Pull Hood Latches away from Latching Pins (Fig. 8). Raise Hood.
2. Check Engine Oil Level with Tractor on level ground. Remove and wipe Dipstick (Fig. 9) clean, screw it in tight for a few seconds, remove and read Oil Level. If necessary, add Oil until "FULL" mark is reached. In summer use S.A.E. 30 (SC, SD, SE or SF) Oil. In winter (below 32°F.) use S.A.E. 10W30 (SC, SD, SE or SF). In extreme cold (below 0°F.) use S.A.E. 5W20 (SC, SD, SE or SF). DO NOT USE 10W40 OIL. NOTE: DO NOT OVERFILL.
3. Fill Fuel Tank (Fig. 9) with fresh, clean regular grade leaded or low-lead automotive gasoline only. Capacity is 3 quarts. NOTE: DO NOT SWITCH FROM LEADED TO LEAD-FREE GASOLINE.

WARNING: DO NOT USE GASOHOL. Gasohol type alcohols react with water content in the fuel and tend to form strong acids which can corrode metal parts, even eat rubber and plastics.



OPERATION

NOTE: MOWER OPERATION IS LISTED ON PAGE 14.



THIS TRACTOR IS EQUIPPED WITH INTERLOCK SWITCHES TO PREVENT STARTING OF THE TRACTOR ENGINE WHILE THE MOWER BLADE CLUTCH LEVER IS IN THE "ENGAGED" POSITION (FIG. 10) AND/OR THE GEAR SHIFT LEVER IS NOT IN "NEUTRAL" POSITION (FIG. 12). IMMEDIATELY REPLACE SWITCHES THAT ARE NOT IN PROPER WORKING ORDER. DO NOT ATTEMPT TO DEFEAT THE PURPOSE OF THESE SWITCHES.



LEARN TO START, STOP AND REVERSE YOUR TRACTOR IN A LARGE, OPEN AREA.



CAUTION

1. Keep all shields in place.
2. Before leaving operator's position:
 - a. Shift lever to neutral (Fig. 12).
 - b. Set parking brake (Fig. 11).
 - c. Disengage attachment clutch (Mower Blade Clutch Lever) (Fig. 10).
 - d. Shut off engine.
 - e. Remove ignition key.
3. Wait for all movement to stop before servicing machine.
4. Keep people and pets a safe distance away from machine.

STARTING THE ENGINE

1. Disengage Mower Blade Clutch Lever (Fig. 10).
2. Depress Clutch-Brake Pedal fully. Raise Parking Brake Lever and hold in "LOCK" position (Fig. 11). Release Clutch-Brake Pedal.



CLUTCH-BRAKE PEDAL SHOULD REMAIN COMPLETELY DEPRESSED WHEN FOOT PRESSURE IS RELEASED.

3. Place Gear Shift Lever in "NEUTRAL" position (Fig. 12).
4. Move Throttle Control Lever (Fig. 13) to full throttle stop, then to the right and upward for "CHOKE" position. At the "FAST" position the Lever has a stop. The stop is provided so that you will know when you are at full throttle "FAST" position and prevent over travel into choke position.
5. Turn Ignition Key clockwise to "START" position and release Key as soon as engine starts (Fig. 13). Immediately move Throttle Control Lever mid-way between "FAST" and "SLOW" positions.

NOTE: DO NOT RUN STARTER CONTINUOUSLY FOR MORE THAN THIRTY SECONDS AT A TIME. If Engine does not start after several attempts, move Throttle Control Lever mid-way between "FAST" and "SLOW" positions, wait a few minutes, and try again.



ALWAYS WEAR SUBSTANTIAL FOOTWEAR AND AVOID LOOSE FITTING CLOTHING THAT COULD GET CAUGHT IN MOVING PARTS.

WARMING UP THE ENGINE

Move Throttle Control Lever mid-way between "FAST" and "SLOW" positions (Fig. 13). As engine warms up, move Throttle Control Lever to "FAST" position. NOTE: ALLOW ENGINE TO WARM UP FOR A FEW MINUTES BEFORE OPERATING.

When restarting a warm engine, move Throttle Control Lever to "FAST" position, "CHOKE" may not have to be used.



DO NOT OPERATE THROTTLE CONTROL LEVER UNLESS ENGINE IS RUNNING (FIG. 13).

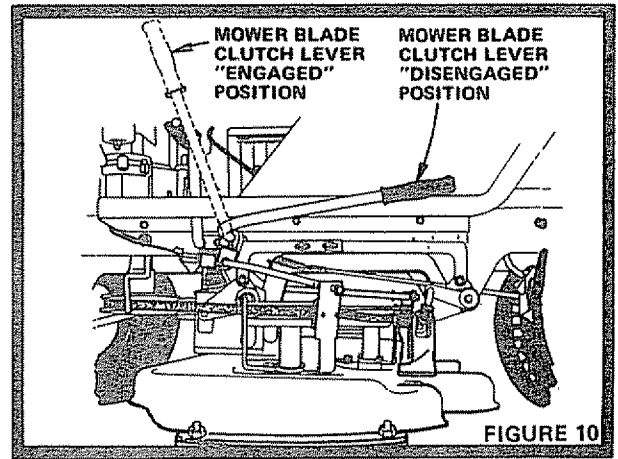


FIGURE 10

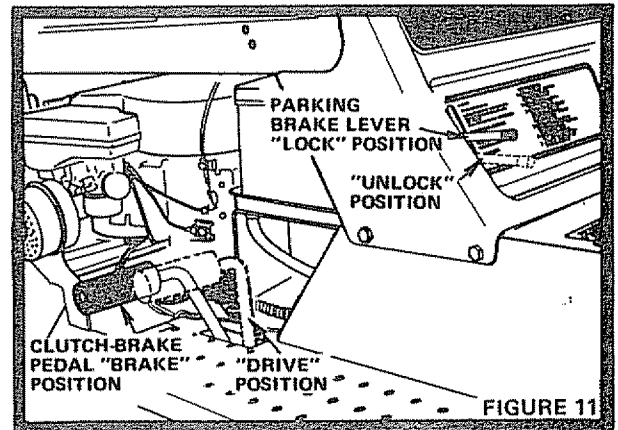


FIGURE 11

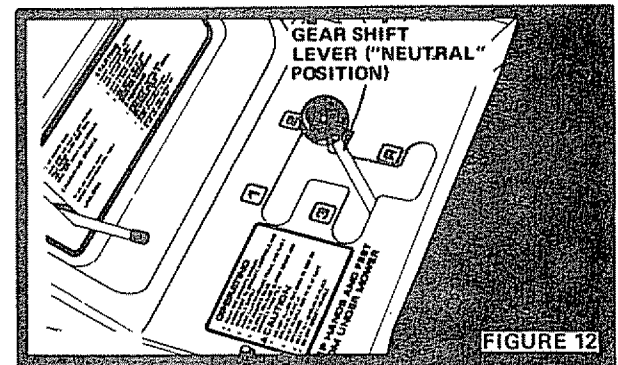


FIGURE 12

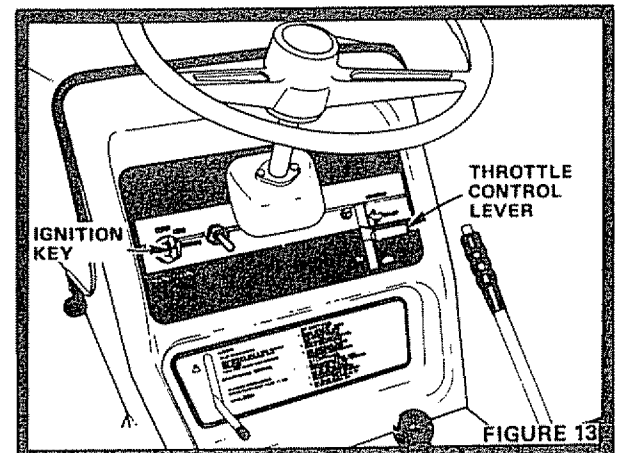
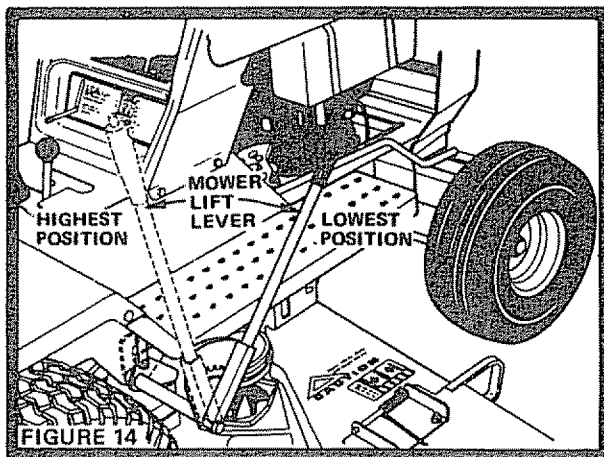


FIGURE 13



TRACTOR OPERATION

1. Depress button, at top of Mower Lift Lever and move Lever rearward to its "HIGHEST POSITION" (Fig. 14).
2. With engine running and warm, place Throttle Control Lever midway between "FAST" and "SLOW" position.
3. Push Clutch-Brake Pedal down firmly to "UNLOCK" Parking Brake (Fig. 11).
4. Move Gear Shift Lever to "1ST" Gear (Fig. 12).
5. Release Clutch-Brake Pedal SLOWLY to start forward movement.
6. If ground travel is too slow, move Throttle Control Lever to "FAST" position or press Clutch-Brake Pedal to stop and shift to a different gear. NOTE: ALWAYS SELECT A GROUND TRAVEL SPEED THAT WILL SUIT THE TERRAIN AND THE ATTACHMENT BEING USED.



MAKE SURE PARKING BRAKE WILL HOLD TRACTOR SECURE.



NEVER PLACE YOUR HANDS OR FEET IN OR UNDER ANY POWERED ATTACHMENT OR NEAR ANY MOVING PART WHILE TRACTOR OR ANY POWERED ATTACHMENT IS RUNNING.

NOTE: ALWAYS OPERATE ENGINE AT FULL ENGINE RPM WHEN MOWING TO ASSURE BETTER MOWING PERFORMANCE, LONG ENGINE LIFE AND PROPER DISCHARGE OF CUT MATERIAL. REGULATE GROUND SPEED BY SELECTING A LOW ENOUGH GEAR (FIG. 12) TO GIVE THE MOWER CUTTING PERFORMANCE PLUS QUALITY OF CUT DESIRED

STOPPING YOUR TRACTOR

1. Push Clutch-Brake Pedal completely into "BRAKE" position.
2. Move Gear Shift Lever to "NEUTRAL" position.
3. Place Parking Brake in "LOCK" position. Raise Parking Brake Lever and hold in "LOCK" position (Fig. 11). Release Clutch-Brake Pedal.
4. Move Throttle Control Lever to "SLOW" position.
5. Disengage Mower Blade Clutch Lever.
6. Turn Ignition Key to "OFF" position (Fig. 13).



REMOVE KEY WHEN LEAVING TRACTOR TO PREVENT UNAUTHORIZED USE.



BRING TRACTOR TO COMPLETE STOP BEFORE SHIFTING GEARS.



DO NOT OPERATE THE MOWER WITHOUT EITHER THE ENTIRE GRASS CATCHER, ON MOWERS SO EQUIPPED, OR THE DEFLECTOR SHIELD (DISCHARGE GUARD) IN PLACE.

TRANSPORTING YOUR TRACTOR

For pushing or towing your tractor, place Gear Shift Lever in "NEUTRAL" position (Fig. 12). Push Clutch-Brake Pedal down firmly to "UNLOCK" Parking Brake (Fig. 11). NOTE: DO NOT TOW YOUR TRACTOR FASTER THAN SIX MILES PER HOUR.

TRACTOR OPERATION ON HILLS

1. Move Gear Shift Lever to "1ST" Gear before starting up or down hills.



DO NOT DRIVE UP OR DOWN HILLS WITH SLOPES GREATER THAN 15°, AND DO NOT DRIVE ACROSS ANY SLOPE.

2. AVOID STOPPING OR SHIFTING ON HILLS.

- a. If slowing is necessary, move Throttle Control Lever to slower position.



LEAVE ENOUGH ROOM WHEN STOPPING AND STARTING TO ALLOW SLIGHT TRACTOR ROLL DOWNHILL AS CLUTCH-BRAKE PEDAL MOVES THROUGH CLUTCH POSITION.

- b. If stopping is absolutely necessary, push Clutch-Brake Pedal quickly to brake position and lock Parking Brake.
 - c. To restart tractor movement, make sure tractor is in the lowest speed range ("1ST" Gear) and that you have allowed room to roll slightly downhill. Depress Clutch-Brake fully. Unlock Parking Brake and release Clutch-Brake Pedal SLOWLY to start tractor movement.
3. Make all turns gradually.

STARTING YOUR TRACTOR WITH A LOW BATTERY

If your Battery is too low to start the engine, it should be recharged. If "Jumper Cables" are used for emergency starting follow this procedure. NOTE: YOUR TRACTOR IS EQUIPPED WITH A 12 VOLT NEGATIVE GROUNDED SYSTEM. THE OTHER VEHICLE MUST ALSO BE A 12 VOLT NEGATIVE GROUNDED SYSTEM.



LEAD-ACID BATTERIES GENERATE EXPLOSIVE GASES. KEEP SPARKS, FLAME, AND SMOKING MATERIALS AWAY FROM BATTERIES. ALWAYS WEAR EYE PROTECTION AROUND BATTERIES.

1. Connect each end of the RED Cable to the POSITIVE (+) terminals of each battery (taking care not to short against chassis).
2. Connect one end of the BLACK Cable to the NEGATIVE (-) terminal of fully charged battery.
3. Connect the other end of the cable to ENGINE BLOCK or good CHASSIS GROUND on tractor (away from Gas Tank or Battery).
4. Disconnect cables in reverse order:
 - a. Engine Block or chassis of tractor.
 - b. Negative terminal of fully charged battery.
 - c. Positive terminals.



DO NOT USE YOUR TRACTOR BATTERY TO START OTHER VEHICLES.

MAINTENANCE

MOWER MAINTENANCE IS LISTED ON PAGE 15.

To keep your tractor running better, longer; perform necessary service using the following Maintenance Schedule.



REFER TO "STOPPING YOUR TRACTOR" PAGE 6 AND DISCONNECT SPARK PLUG WIRE TO PREVENT ACCIDENTAL STARTING BEFORE MAKING ANY INSPECTION, ADJUSTMENT OR REPAIR (EXCEPT CARBURETOR).

DAILY MAINTENANCE

Make sure all nuts on bolts are tight and cotter pins are secure. Observe all safety precautions. Keep Tractor well lubricated (refer to page 12).

FIRST 2 HOURS

1. CHANGE ENGINE OIL

Changing Oil after the first two hours will help eliminate break-in residue which might be damaging to your Engine.

NOTE: Be careful not to allow dirt to enter the Engine when changing oil. Move Mower Blade Clutch Lever to "ENGAGED" position.

- Drain Oil with Engine warm. Unscrew Oil Drain Plug (Fig. 15) and remove Dipstick. Catch Oil in a suitable container. Replace Plug.
- Refill Engine Oil. In summer use S.A.E. 30 (SC, SD, SE or SF) Oil. In winter (below 32°F.) use S.A.E. 10W30 (SC, SD, SE or SF). In extreme cold (below 0°F.) use S.A.E. 5W20 (SC, SD, SE or SF). DO NOT USE 10W40 OIL. Refill capacity is 3 pints. NOTE: DO NOT OVERFILL. Replace Dipstick.
- Disengage Mower Blade Clutch Lever.

FREQUENTLY

1. CHECK BATTERY

- Electrolyte solution level in each Battery Cell should be even with bottoms of tubes in cells (Fig. 16). Add distilled water if necessary. NOTE: DO NOT OVERFILL.
- Keep Battery and Terminals clean. Refer to page 10.
- Keep Battery Bolts tight.
- Keep Vent Caps tight and small Vent holes in caps open.
- Recharge SLOWLY at 3 amperes if necessary.

2. CHECK TIRE PRESSURE

Tire pressure in front Tires should be 14 pounds; rear Tires 12 pounds.

3. CLEAN AIR SCREEN

Air Screen (Fig. 15) must be kept free of dirt and chaff to prevent Engine damage from overheating.

4. CHECK BRAKE OPERATION

This tractor is equipped with an adjustable disc brake mounted on the right side of the transaxle.



IF TRACTOR REQUIRES MORE THAN SIX FEET STOPPING DISTANCE IN HIGHEST GEAR, THEN BRAKE MUST BE ADJUSTED.

NOTE: R.H. REAR WHEEL WAS REMOVED FOR ILLUSTRATING ONLY (FIG. 17). A 5/64 INCH ALLEN SET SCREW WRENCH IS REQUIRED TO ADJUST THE BRAKE.

- To adjust, tighten set screw until Brake Disc cannot be moved by hand, approximately 1/4 to 1/2 turns clockwise. Now loosen Set Screw until Brake Disc is just moveable by hand (Fig. 17).
- Road test tractor as stated above. Readjust if necessary.

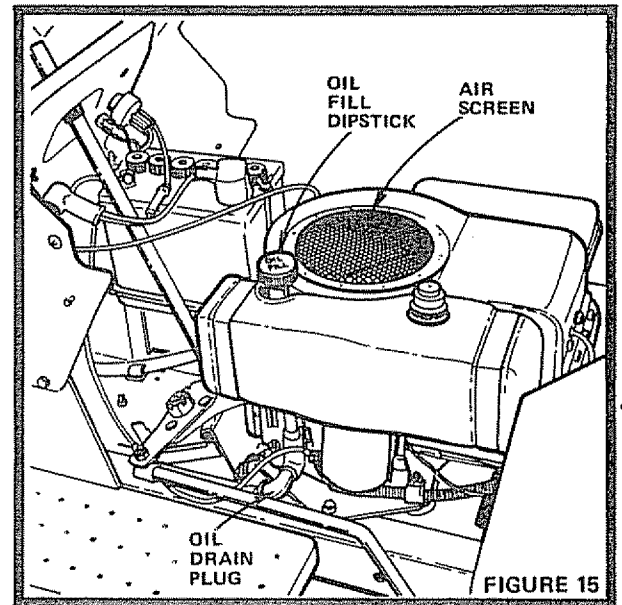


FIGURE 15

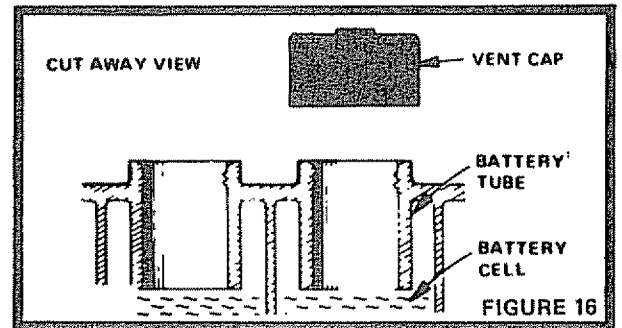


FIGURE 16

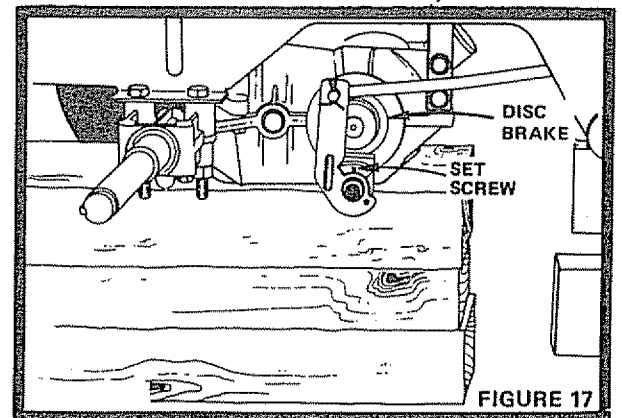
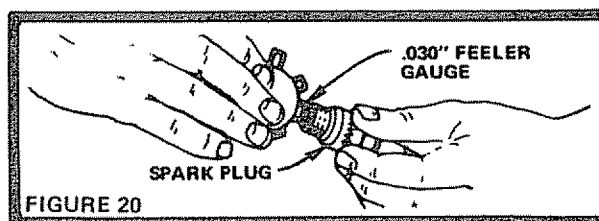
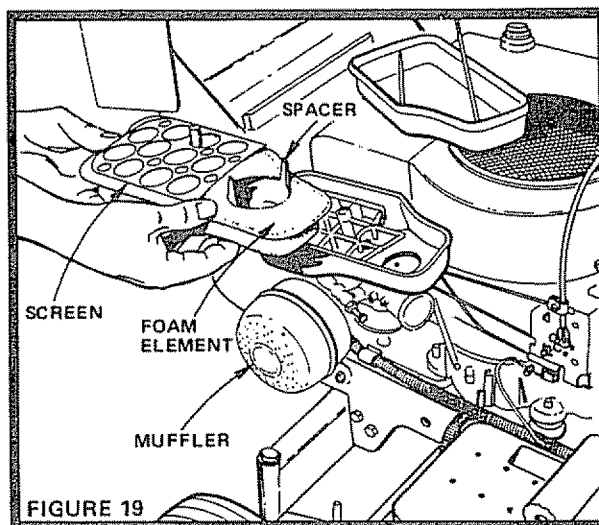
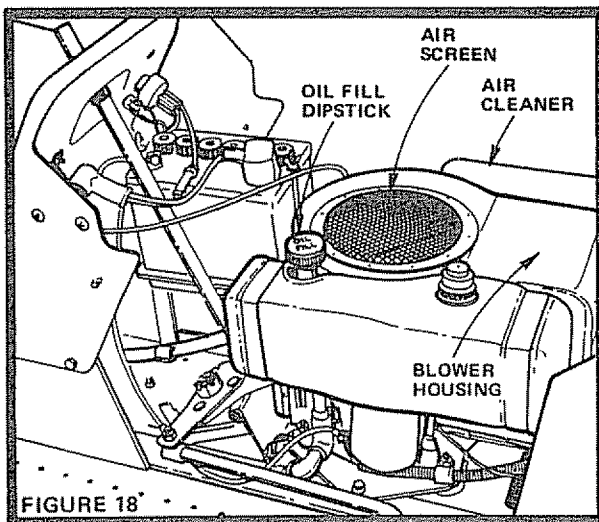


FIGURE 17



EVERY 5 HOURS

CHECK ENGINE OIL LEVEL



DO NOT CHECK ENGINE OIL LEVEL WITH ENGINE RUNNING.

Several minutes after stopping Engine, check Engine Oil Level with Tractor on level ground. Remove and wipe Dipstick clean (Fig. 18), screw it in tight for a few seconds, remove and read Oil Level. If necessary, add Oil until "FULL" mark is reached. In summer use S.A.E. 30 (SC, SD, SE or SF) Oil. In winter (below 32°F.) use S.A.E. 10W30 (SC, SD, SE or SF). In extreme cold (below 0°F.) use S.A.E. 5W20 (SC, SD, SE or SF). DO NOT USE 10W40 OIL. NOTE: DO NOT OVERFILL.

EVERY 25 HOURS

(EVERY 15 HOURS IF OPERATING IN VERY DUSTY CONDITIONS)

- CLEAN AIR CLEANER ELEMENT (FIG'S. 18 AND 19)**
 - Remove two Screws and lift off complete air cleaner assembly.
 - Remove Screen and Spacers from foam element.
 - Remove foam element from air cleaner body.
 - Wash foam element in liquid detergent and water to remove dirt.
 - Wrap foam in cloth and squeeze dry.
 - Saturate foam in engine oil. Squeeze to remove excess oil.
 - Assemble parts - securely fasten to carburetor with screws.

When assembling make certain the lip of the foam element extends over edge of the air cleaner body. The foam element lip will form a protective seal.

NOTE: NEVER RUN ENGINE WITH AIR CLEANER REMOVED.

2. CHANGE ENGINE OIL

The best time to change Engine Oil is at the end of a days operation when all dirt and foreign material is suspended in the hot Oil. Refer to page 7.

EVERY 50 HOURS

1. CLEAN ENGINE COOLING FINS

Keep Engine Cooling Fins free of dust, dirt and oil to prevent Engine damage from overheating.

- Remove Blower Housing (Fig. 18) and Cylinder Head Cover.
- Clean Engine Cooling Fins with a stiff bristled brush or compressed air. Reassemble Cylinder Head Cover to Engine.



WEAR SAFETY GLASSES IF USING COMPRESSED AIR.

2. MUFFLER

Do not operate the tractor without a Muffler (Fig. 19) or tamper with the exhaust system. Damaged Mufflers or spark arresters could create a fire hazard. Inspect periodically and replace if necessary. If your engine is equipped with a spark arrester screen assembly, remove every 50 hours for cleaning and inspection. Replace if damaged.

EVERY 100 HOURS

The Spark Plug should be changed every 100 hours of operation, or at the beginning of each mowing season. To remove the Spark Plug a 3/8" Drive Deep Well 3/4" Socket is required. Set Spark Plug gap at .030 inch (Fig. 20).

EVERY 200 HOURS

REPLACE AIR CLEANER ELEMENT

AS NEEDED:

1. CARBURETOR ADJUSTMENT

Never attempt to change maximum engine speed. This is preset at the factory and should only be changed by a qualified service technician who has the necessary equipment.

- a. Adjust Carburetor to suggested initial settings.
 - Turn High Speed Adjusting Needle clockwise, closing finger tight ONLY, and then turn counterclockwise 1 - 1/2 turns (Fig. 21).
- NOTE: VALVES MAY BE DAMAGED BY TURNING THEM TOO FAR.
- Turn Idle Adjusting Needle clockwise closing finger tight ONLY, and then turn counterclockwise 1 - 1/4 turns.



REFER TO "STARTING THE ENGINE"
PAGE 5.

- b. Start Engine and allow to warm for five minutes.
- c. Make final adjustments with Engine running and Gear Shift Lever in "NEUTRAL" position.
 - With Throttle Control Lever in "RUN" position, turn High Speed Adjusting Needle counterclockwise until engine runs "rough" then turn clockwise until engine begins to miss. Turn Needle to a point midway between these positions.
 - With Throttle Control Lever in "SLOW" position, hold Throttle Lever so that Idle Speed Adjusting Screw is against Carburetor, turn Idle Adjusting Needle counterclockwise until engine runs "rough" and then turn clockwise until engine begins to die. Turn Idle Needle to a point midway between these positions.

NOTE: If engine hesitates when moving Throttle Control Lever from "SLOW" to "FAST" positions, turn Idle Speed Adjusting Screw counterclockwise one-eighth turn.

2. TO REMOVE TRACTOR BELT

REPLACE ONLY WITH THE BELTS SPECIFIED IN THIS MANUAL.

- a. Engage Parking Brake.
- b. Place Mower Blade Clutch Lever in "DISENGAGED" position (Fig. 10).
- c. Remove Mower Belt from around Engine Pulley (Fig. 22).
- d. Loosen the three Belt Snubbers (Fig's. 22 and 23) and swing away from Transaxle Pulley (Fig. 23) and Stationary Idler Pulley (Fig. 22).
- e. Remove Nut from Traction Drive Idler Pulley and remove Pulley.
- f. Remove L.H. Torque Strap on Transaxle (Page 24, Key No. 32).
- g. Remove Belt from around Transaxle Pulley by rolling Belt over top of Pulley (Fig. 23).
- h. Remove Belt from around Engine Pulley.
- i. Disconnect Wires on Interlock Switch (Key No. 16, page 26).
- j. Form a loop in Belt and push it through opening containing Shift Lever in the Chassis. Pull loop up over Shift Lever and remove Belt.
- k. Assemble Belt by reversing above procedures. NOTE: Set Belt Snubbers 1/16 of an inch away from Belt with Idler engaged.

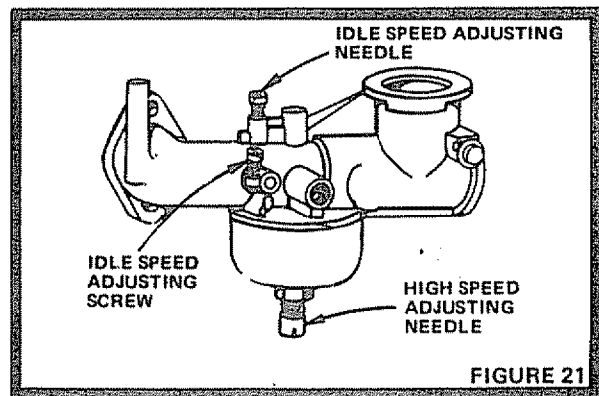


FIGURE 21

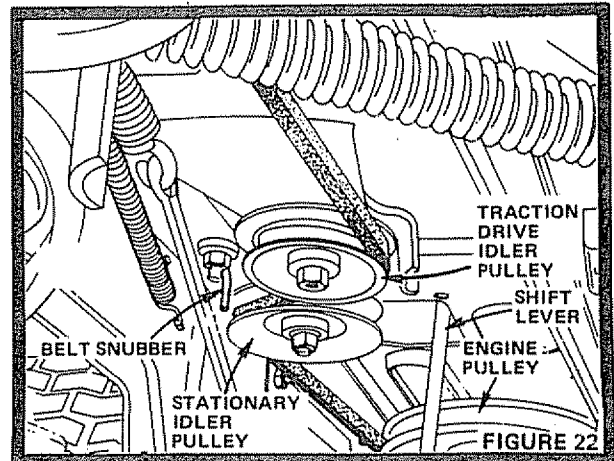


FIGURE 22

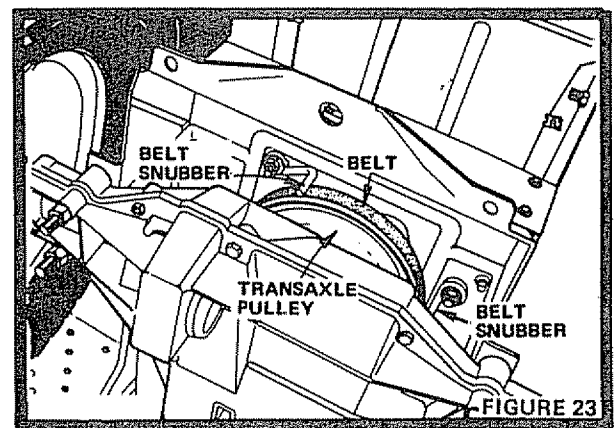
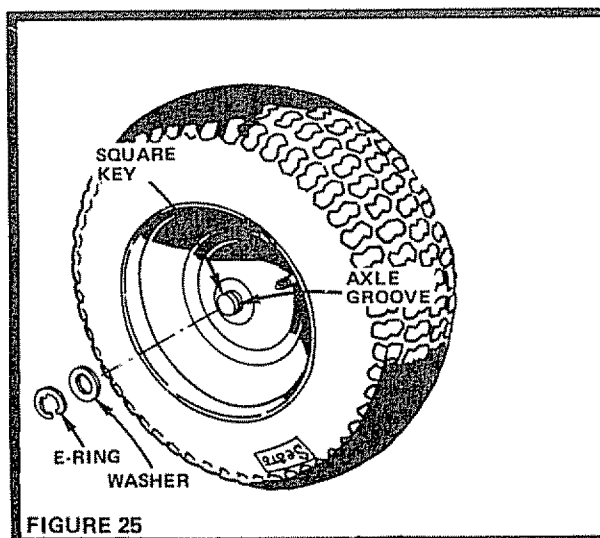
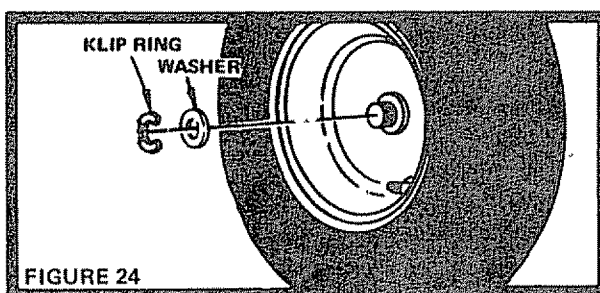
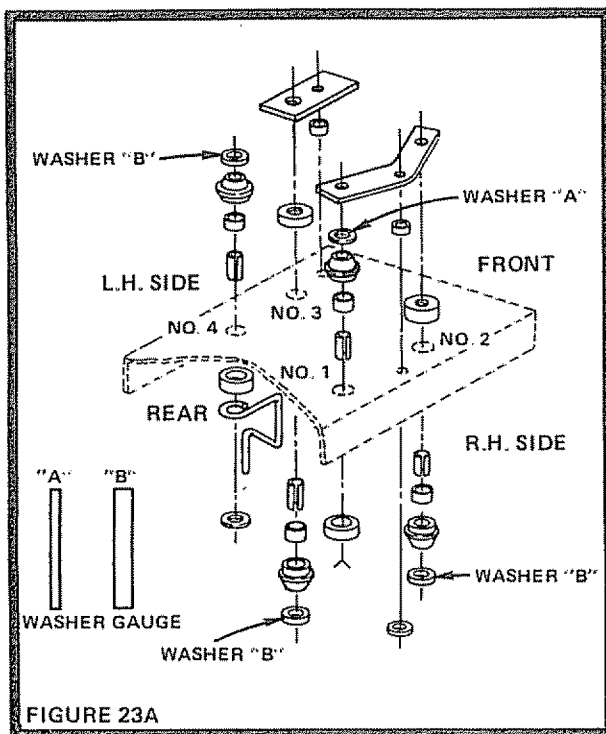


FIGURE 23



3. ISO-MOUNT REPLACEMENT

Should you need to replace your Iso-Mount Assembly order 674A166 listed on page 23. (674A166 contains only one of the four assemblies illustrated in Fig. 23A). Included in 674A166 are two Washers. Set a Washer on edge on Washer Gauge (Fig. 23A), to determine which is Washer "A" and which is Washer "B". NOTE: USE WASHER "A" ONLY IN ISO-MOUNT POSITION NO. 1. USE WASHER "B" IN POSITION NO. 2, 3 AND 4. DISCARD THE WASHER THAT IS NOT REQUIRED.

4. CLEAN BATTERY AND TERMINALS

Corrosion and dirt on the Battery and Terminals cause the Battery to "leak" power.



LEAD-ACID BATTERIES GENERATE EXPLOSIVE GASES. KEEP SPARKS, FLAME, AND SMOKING MATERIALS AWAY FROM BATTERIES. ALWAYS SHIELD EYES AROUND BATTERIES.

- Disconnect BLACK Battery Cable then RED Battery Cable and remove Battery from Tractor. Wash Battery with four tablespoons of baking soda to one gallon of water. NOTE: BE CAREFUL NOT TO GET THE SODA SOLUTION INTO THE CELLS. Rinse the Battery with plain water, dry and reinstall on Tractor.
- Clean terminals and Battery Cable ends with a wire brush until bright. Replace Battery Cables, connecting RED Battery Cable first, then BLACK Battery Cable to respective terminals. Coat terminal connections with Vaseline. Replace Terminal Cover.

5. TIRE CARE

- Maintain tire pressure in front tires at 14 pounds; rear tires at 12 pounds.
- Keep tires free of gasoline, oil, or insect control chemicals which can destroy rubber.
- Avoid stumps, stones, deep ruts and other hazards that may cause tire damage.
- Removing front wheel for tire repair (Fig. 24).
 - Block up front axle securely or use a Sears Tractor Jack.
 - Remove Klip Ring and Washer and remove wheel.
 - Repair tire and reassemble. Replace Washer, snap Klip Ring securely in axle groove.
- Removing rear wheel for tire repair (Fig. 25).
 - Block up rear axle securely or use a Sears Tractor Jack.
 - Remove E-Ring and Washer (1 to 3 as required) and remove wheel.
 - Repair tire and reassemble. Replace Washer (Washers) and snap E-Ring securely in Axle Groove.
 - Make sure Square Key is in place on Axle Shaft.



WHEN MOUNTING TIRES, UNLESS BEADS ARE SEATED, OVER INFLATION CAN CAUSE AN EXPLOSION.

6. FINISH

Keep tractor finish and seat free of gasoline, oil, insect chemicals or battery electrolyte. Protect painted surfaces with automotive type wax.

TROUBLE SHOOTING

| POSSIBLE CAUSE | POSSIBLE REMEDY |
|---|---|
| WILL NOT START Shift Lever in gear Mower Blade Clutch Lever engaged No gasoline in Fuel Tank or clogged Fuel Line Blown Fuse Dead Battery | Place in neutral Disengage Lever (Fig. 10) Fill Tank with Gasoline. Check Fuel Line and Carburetor (clean if necessary) Check for fault and replace Fuse Recharge or replace Battery |
| HARD TO START Choked improperly, flooded Engine Clogged Fuel Tank Dirty Air Cleaner Spark Plug dirty or improper gap Defective Battery Defective Ignition or loose wiring Water in gasoline or old fuel Improper Carburetor adjustment | Place Throttle Control in "FAST" position (Fig. 13) and run starter several times to clear out gas Remove and clean Remove and clean (Fig. 19) Clean, adjust gap or replace (Fig. 20) Recharge or replace Check the wiring and Spark Plug Drain Fuel Tank and Carburetor, use fresh fuel and replace Spark Plug Make necessary adjustments (Fig. 21) |
| ENGINE MISSES OR LACKS POWER Engine overload Clogged Fuel Tank Partially plugged Air Cleaner Improper Carburetor adjustment Dirty Engine Air Screen Low oil level or dirty oil Spark Plug dirty, improper gap or wrong type Faulty ignition Poor compression Oil in gasoline | Shift to a lower gear (Fig. 12) or reduce load Remove and clean Remove and clean (Fig. 19) Make necessary adjustments (Fig. 21) Clean Air Screen (Fig. 15) Add or change oil (Fig. 15) Replace Spark Plug (Fig. 20) Check Spark Plug and for loose wires Major Engine overhaul Drain and refill Gas Tank and Carburetor |
| ENGINE OVERHEATS Dirty Air Screen Low oil level or dirty oil Dirty Engine Partially plugged Muffler Partially plugged Air Cleaner Stale fuel or improper Carburetor adjustment | Clean Air Screen (Fig. 15) Add or change oil (Fig. 15) Clean Engine Cooling Fins (Page 8) Remove and clean Muffler or replace Remove and clean (Fig. 19) Use fresh fuel and adjust Carburetor (Fig. 21) |
| NO LIGHTS No Headlights with Light Switch on | Check Fuse, Switch and wire connections. Replace Sealed Beam Headlights |
| WON'T CHARGE Blown Fuse Defective Battery Defective Regulator - Rectifier Defective Alternator | Check for fault and replace Replace Replace Replace |

STORAGE

1. ENGINE OIL

Drain (with engine warm) and replace with clean engine oil. Refer to page 7.

2. FUEL SYSTEM

- a. Drain fuel tank and carburetor by allowing the engine to run out of gasoline. NOTE: GASOLINE LEFT IN YOUR ENGINE WILL LEAVE GUM DEPOSITS CLOGGING FUEL SYSTEM.
- b. Dispose of gasoline if not to be used. NOTE: GASOLINE STORED FOR SEVERAL MONTHS LOSES ITS VOLATILITY (ABILITY TO BURN EFFECTIVELY).

3. CYLINDER

- a. Remove Spark Plug.
- b. Pour one ounce of engine oil through spark plug hole into cylinder.

- c. Turn ignition key to "START" position for a few seconds to distribute oil.
- d. Replace with new Spark Plug.

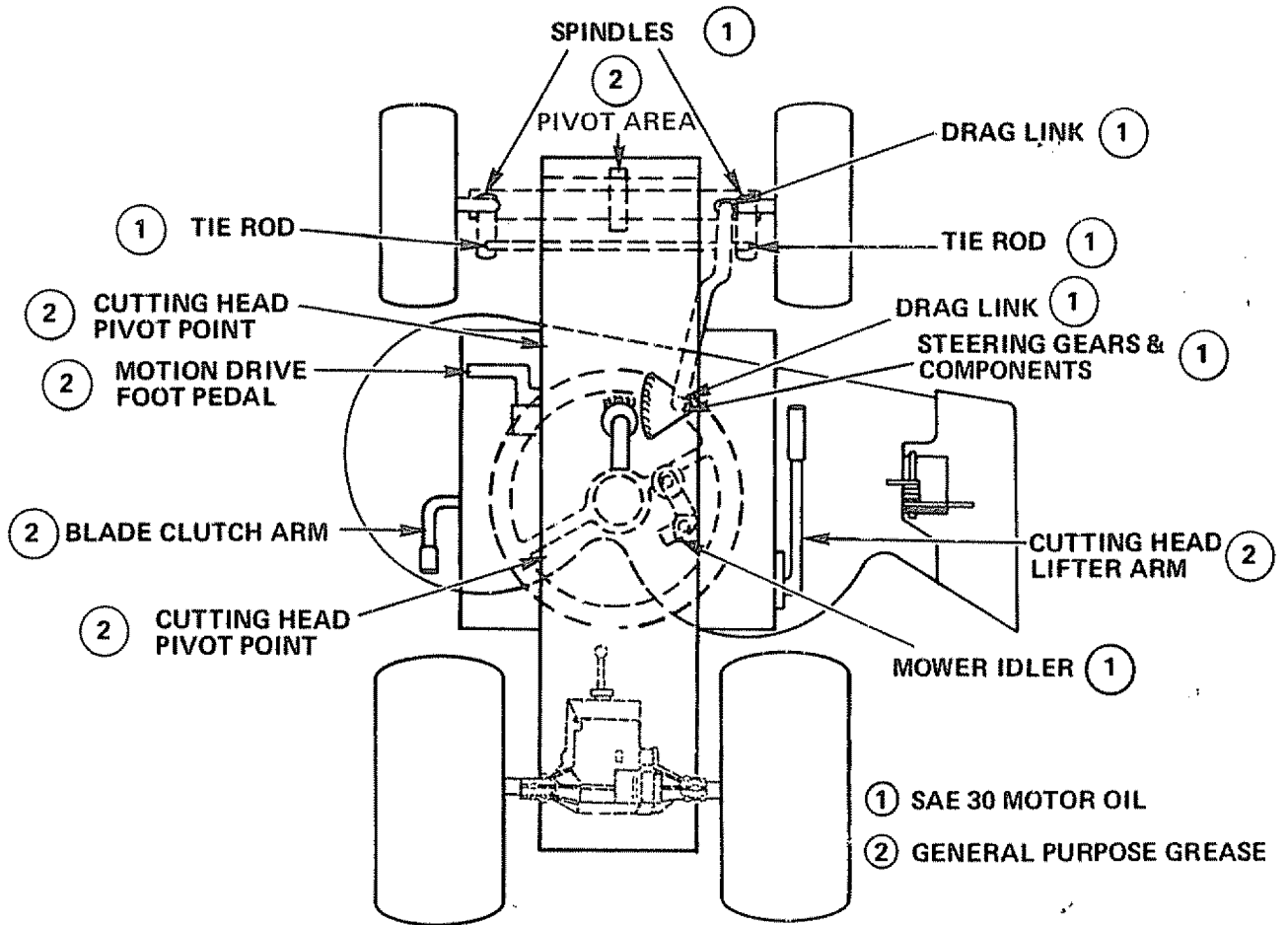
4. BATTERY

- a. Remove battery if tractor is not used regularly during winter months. Store in cool, dry place (above 50°F).
- b. Re-charge each month if necessary. NOTE: BATTERIES NOT IN USE FOR SEVERAL MONTHS AND NOT KEPT FULLY CHARGED, PRODUCE SULPHUR DEPOSITS ON PLATES WHICH CANNOT BE REMOVED BY RECHARGING.

5. GENERAL CLEANING

Clean engine, battery, finish, seat, etc. of all foreign matter.

LUBRICATION CHART



| SERVICE RECORD FILL IN DATES AS YOU COMPLETE REGULAR SERVICE | FREQUENTLY EVERY 5 HOURS EVERY 25 HOURS EVERY 50 HOURS EVERY 100 HOURS EVERY 200 HOURS | | | | | SERVICE DATES | | | | | | | | | |
|---|---|---|---|---|---|---------------|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | |
| Check Engine Oil Level | ✓ | | | | | | | | | | | | | | |
| Change Engine Oil | | ✓ | | | | | | | | | | | | | |
| Oil Pivot Points | ✓ | | | | | | | | | | | | | | |
| Check Brake Operation | ✓ | | | | | | | | | | | | | | |
| Clean Air Screen | ✓ | | | | | | | | | | | | | | |
| Clean Air Cleaner Element | | | ✓ | | | | | | | | | | | | |
| Replace Air Cleaner Element | | | | | ✓ | | | | | | | | | | |
| Clean Engine Cooling Fins | | | | ✓ | | | | | | | | | | | |
| Replace Spark Plug | | | | | ✓ | | | | | | | | | | |
| Check Battery Levels | ✓ | | | | | | | | | | | | | | |
| Check Tire Pressure | ✓ | | | | | | | | | | | | | | |
| Tighten Front Axle Pivot Bolt (page 28, Key Letter "F") | | | | ✓ | | | | | | | | | | | |

MOWER ADJUSTMENT



FOR ANY ADJUSTMENTS, INSPECTION OR MAINTENANCE:

PUSH TRACTOR CLUTCH-BRAKE PEDAL COMPLETELY INTO BRAKE POSITION. MOVE GEAR SHIFT LEVER TO "N" NEUTRAL POSITION. PLACE PARKING BRAKE IN "LOCK" POSITION. PLACE MOWER BLADE CLUTCH LEVER IN "DISENGAGED" POSITION. SHUT OFF THE ENGINE. MAKE ABSOLUTELY SURE THE BLADES AND ALL MOVING PARTS HAVE COMPLETELY STOPPED, REMOVE THE IGNITION KEY, DISCONNECT THE SPARK PLUG WIRE FROM THE SPARK PLUG AND KEEP WIRE AWAY FROM THE PLUG TO PREVENT INJURY FROM ACCIDENTAL STARTING.

NOTE: BEFORE CHECKING THE SIDE TO SIDE AND FRONT TO REAR ADJUSTMENTS BELOW, BE SURE PRESSURE IN FRONT TIRES IS 14 POUNDS AND PRESSURE IN REAR TIRES IS 12 POUNDS. IF TIRES ARE OVER OR UNDER INFLATED YOU WILL NOT PROPERLY ADJUST YOUR MOWER.

LEVEL MOWER FROM SIDE TO SIDE

1. Depress Lift Lever Plunger Cap. Move Lift Lever (Fig. 26) to approximately the middle of notched Lever Quadrant.
2. Rotate blades so that they are pointing toward discharge side of mower.
3. Measure the height of the OUTER CUTTING TIP of each blade (Fig. 27). Both R.H. and L.H. must be the same distance from level surface within 1/8 of an inch.
4. If an adjustment is required, turn Side to Side Adjusting Nut counterclockwise (↺) to raise L.H. Side of mower and clockwise (↻) to lower L.H. Side of mower (Fig 28 - Inset).

ADJUST MOWER FROM FRONT TO REAR

1. To obtain the best cutting results, your Mower Housing should be adjusted so the tip of the blades are 3/16" lower at front than at the rear. With R.H. mower blade in line with length of tractor, measure the height of the front tip of blade (Fig. 27). Rotate blade 1/2 turn and measure. The front tip must be approximately 3/16 of an inch lower at front than at rear.
2. If an adjustment is required, loosen the four Front to Rear Adjusting Nuts (two on each side of mower) (Fig. 28). Raise or lower the front of the mower to obtain the above pitch or difference from front to rear. To hold this dimension, use a piece of wood to block up the Mower Housing at the center, front section of housing. Tighten the four Nuts securely. Remove piece of wood.

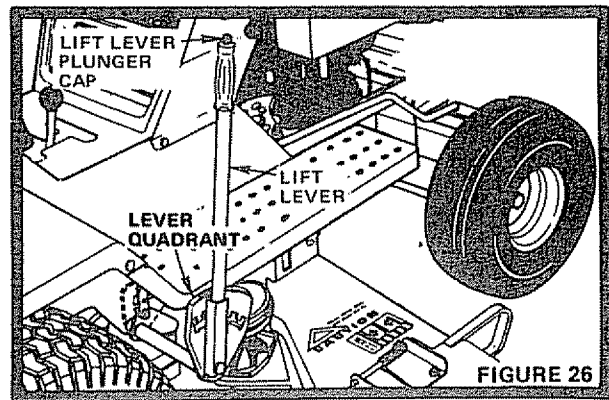


FIGURE 26

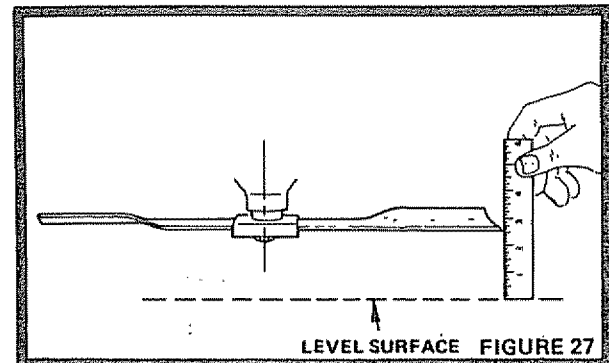


FIGURE 27

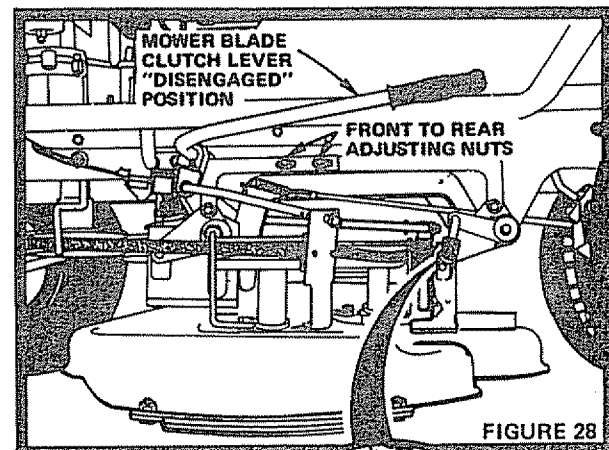
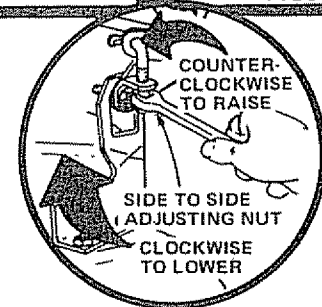
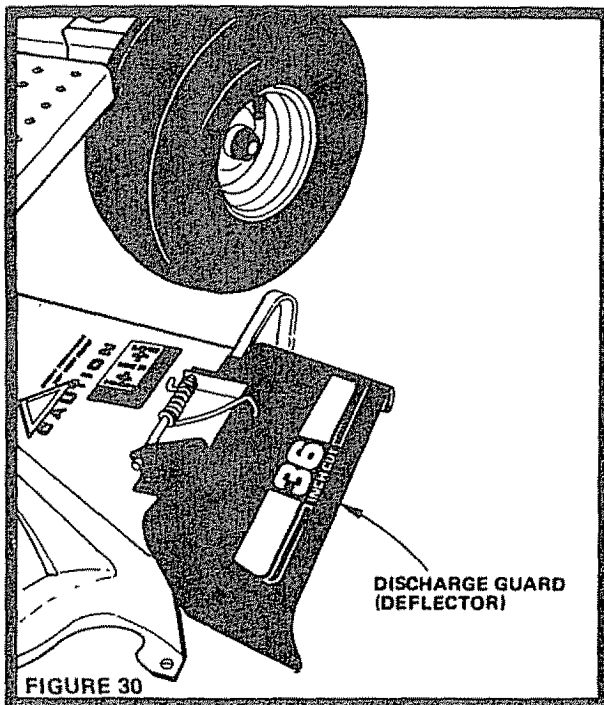
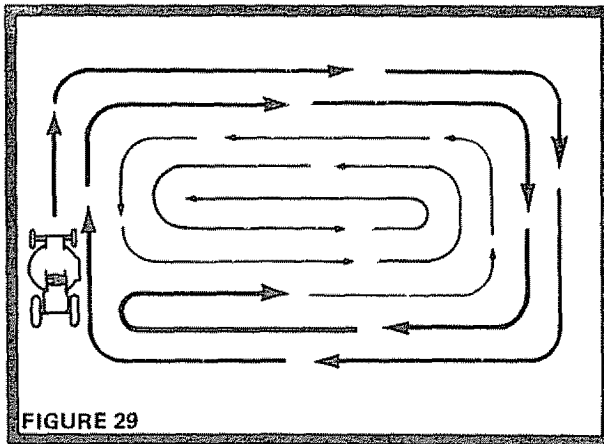


FIGURE 28





MOWER OPERATING INSTRUCTIONS



READ THE "RULES FOR SAFE OPERATION" CAREFULLY BEFORE OPERATING YOUR MOWER.

THE MOWER MUST BE LEVELED FROM FRONT TO REAR BEFORE OPERATING. THIS IS NECESSARY FOR LEVEL AND EFFICIENT MOWING. REFER TO PAGE 13.

1. Place Mower Blade Clutch Lever in "DISENGAGED" Position (Fig. 28).
2. Push tractor Clutch-Brake Pedal fully into brake position.
3. Place Gear Shift Lever in "NEUTRAL" position.

NOTE: Tractor must be in neutral and Mower Blade Clutch Lever in "DISENGAGED" position before tractor will start.

4. Start tractor and set engine speed to about 1/3 to 1/2 throttle before engaging mower. After mower is "ENGAGED" and you have started forward travel, set to FULL THROTTLE.

NOTE: "ENGAGE" OR "DISENGAGE" MOWER BLADE CLUTCH LEVER SLOWLY.



NEVER "ENGAGE" MOWER EXCEPT WHEN SITTING ON TRACTOR SEAT.

5. Start mowing in the first gear and increase ground speed as conditions will permit. Average cutting height is approximately 2 - 1/2 to 2 - 3/4 inches. Height of cut can be adjusted by means of the Lift Lever (Fig. 26). Moving the Lever forward lowers the mower. Moving it backwards raises the mower. The lever latch is actuated by depressing the Lift Lever Plunger Cap at the top of the Lift Lever (Fig. 26).
6. Drive so that clippings are discharged onto the area that has been cut. Have the cut area to the right of the machine. This will result in a more even distribution of clippings and more uniform cutting. When mowing large areas (Fig. 29), start by turning to the right so that the clippings will be discharged away from shrubs, fences, driveways, etc. After two or three rounds, mow in the opposite direction making left hand turns until finished. If grass is extremely tall, it should be mowed twice. The first time cut relatively high. The second time to the desired height. The left hand side of mower should be used for trimming.

FLIP-UP DISCHARGE GUARD

Your mower has a flip-up Discharge Guard (Fig. 30) for door or gate clearance when held in raised position.



MAKE SURE MOWER BLADE CLUTCH LEVER IS IN "DISENGAGED" POSITION AND BLADES HAVE STOPPED BEFORE RAISING DISCHARGE GUARD (DEFLECTOR). NEVER OPERATE MOWER WITHOUT DISCHARGE GUARD IN OPERATING POSITION.

MOWER MAINTENANCE INSTRUCTIONS

FOR ANY ADJUSTMENTS, INSPECTION OR MAINTENANCE:



PUSH TRACTOR CLUTCH-BRAKE PEDAL COMPLETELY INTO BRAKE POSITION. PLACE PARKING BRAKE IN "LOCK" POSITION. MOVE GEAR SHIFT LEVER TO "NEUTRAL" POSITION. PLACE MOWER BLADE CLUTCH LEVER IN "DISENGAGED" POSITION. TURN IGNITION KEY TO "OFF" POSITION. MAKE ABSOLUTELY SURE THE BLADES AND ALL MOVING PARTS HAVE COMPLETELY STOPPED. REMOVE THE IGNITION KEY, DISCONNECT THE SPARK PLUG WIRE FROM THE SPARK PLUG AND KEEP WIRE AWAY FROM THE PLUG TO PREVENT INJURY FROM ACCIDENTAL STARTING.

BLADE CARE

For best results mower blades must be kept sharp. The blades can be sharpened with a few strokes of a file or on a grinding wheel. We suggest they be sharpened after every 15 hours of mowing. Do not attempt to sharpen while on mower.

1. When grinding, care should be taken to maintain blade balance and the blade should be checked for proper balance before reinstallation on mower. Unbalanced or bent blade will cause excessive vibration when running, and eventual damage to mower or engine. Replace bent or damaged blades.
2. To ensure satisfactory operation, it is recommended that before the start of each mowing season, the old blades be discarded and replaced with new blades. Mower blades can be purchased at all Sears retail and catalog stores.

DAILY MAINTENANCE

Make sure all nuts on bolts are tight and cotter pins are secure. Keep blades sharp. Observe all safety precautions. Keep mower well lubricated (refer to page 12).

CLEANING MOWER



DISCONNECT SPARK PLUG WIRE TO PREVENT ACCIDENTAL STARTING BEFORE CLEANING.

Water pressure from a garden hose will remove fresh clippings from underside of mower. Clean mower after each mowing.

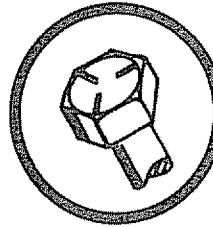
BLADE REPLACEMENT

Raise mower to highest position to permit access to Blades.

1. Remove Bolt, Lockwasher and Washer (Fig. 31) (turn counterclockwise).
2. Place new Blade between Flanges, (the word "TOP" is stamped on all Blades to assure proper installation), and secure with Washer, Lockwasher and Bolt previously removed. TIGHTEN SECURELY.



ALWAYS USE GRADE 5 HEAT TREATED BOLTS TO ATTACH BLADES. CHECK BOLTS IN BLADES OCCASIONALLY TO MAKE SURE BOLTS ARE TIGHT. TORQUE BOLTS 27 - 35 FT. LBS.



A GRADE 5 HEAT TREATED BOLT CAN BE IDENTIFIED BY THREE LINES INDICATED ON THE BOLT HEAD AS SHOWN AT LEFT.

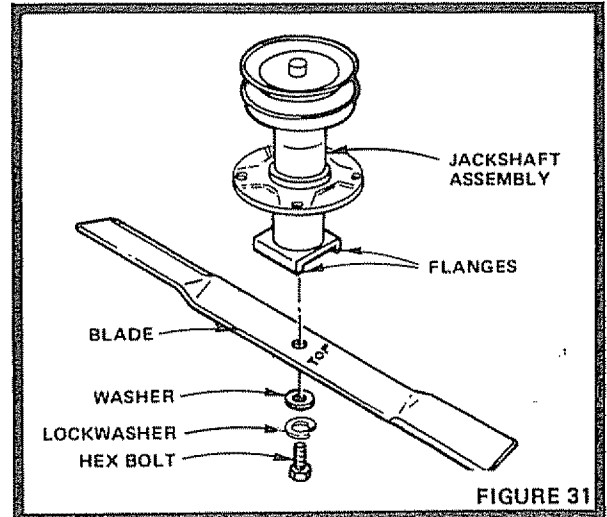


FIGURE 31

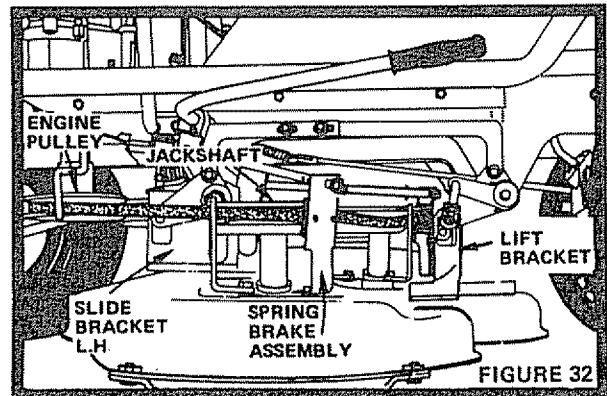
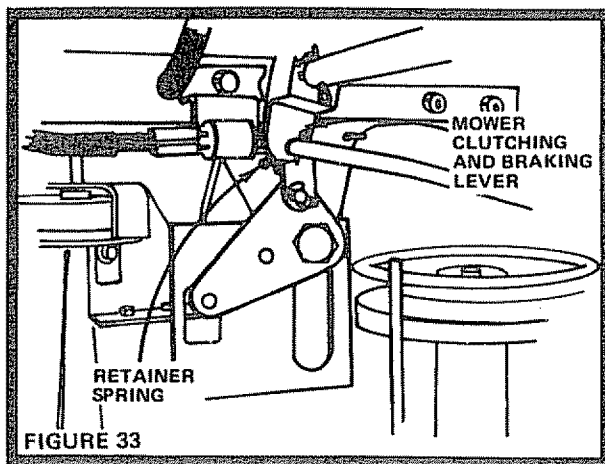


FIGURE 32

TO REMOVE MOWER BELT

REPLACE ONLY WITH THE BELTS SPECIFIED IN THIS MANUAL.

1. Place Mower Blade Clutch Lever in "DISENGAGED" position (Fig. 28).
2. Move Lift Lever (Fig. 26) forward to lower Mower to its lowest position.
3. Loosen bolt and nut in Idler Pulley (Page 22, Key No. 32). Remove Belt from Engine Pulley (Fig. 32).
4. Remove bolts, washers and nuts from L.H. Slide Bracket (Fig. 32).
5. Pull Spring Brake Assemblies away from Jackshafts to remove Belt (Fig. 32).
6. Assemble new Belt by reversing the above procedure.



TO REMOVE MOWER

1. Remove mower belt per instructions on page 15 under "To Remove Mower Belt".
2. Retighten mower idler pulley loosened in step 3, page 15.
3. Remove Retainer Spring from L.H. Brake Rod (Fig. 33). Remove Brake Rod from Mower Clutching and Braking Lever. Repeat process and remove R.H. Brake Rod.
4. Remove nuts, bolts and washers from R.H. Front Slide Bracket carefully - THE FRONT OF THE MOWER WILL COME DOWN AS THE BRACKET IS REMOVED.
5. Remove nuts securing the R.H. and L.H. Lift Brackets at the rear of the Mower. THE REAR OF THE MOWER WILL COME DOWN AS THE BRACKETS ARE REMOVED.
6. Pull mower from underneath tractor from left side.

TO REPLACE MOWER

1. Reposition mower under tractor.
2. Reverse above procedure.
3. Reinstall mower belt.

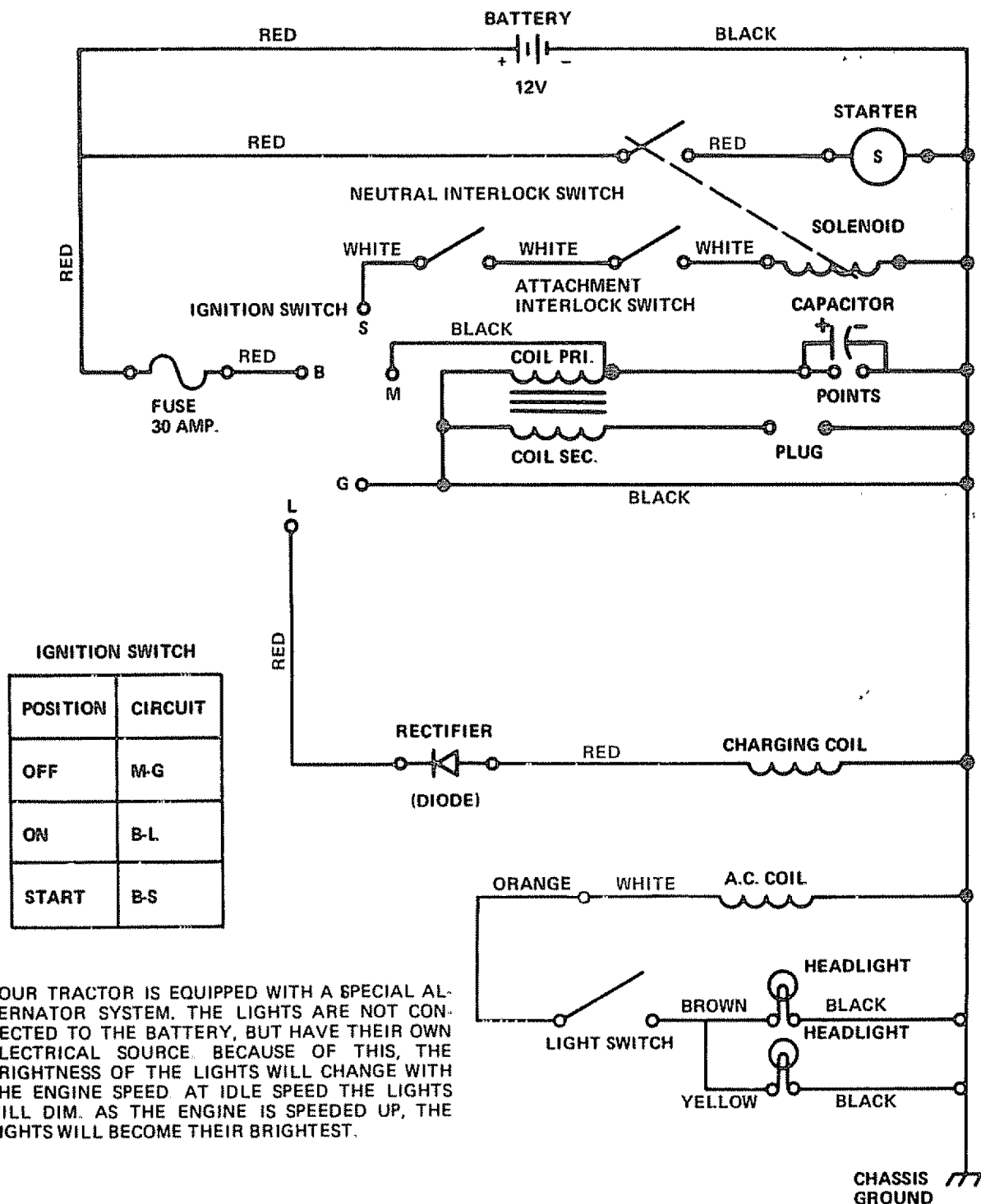
STORAGE

When mower is to be stored for a period of time, clean it thoroughly, remove all dirt, grease, leaves, etc. Give blades and underside of housing a good coat of grease or rust preventative. Store in a clean dry area.

REPAIR PARTS

SEARS LAWN TRACTOR--MODEL NUMBER 917.255275

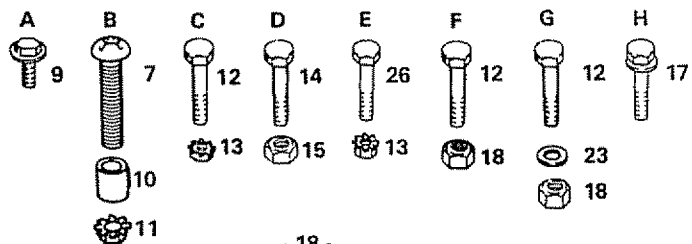
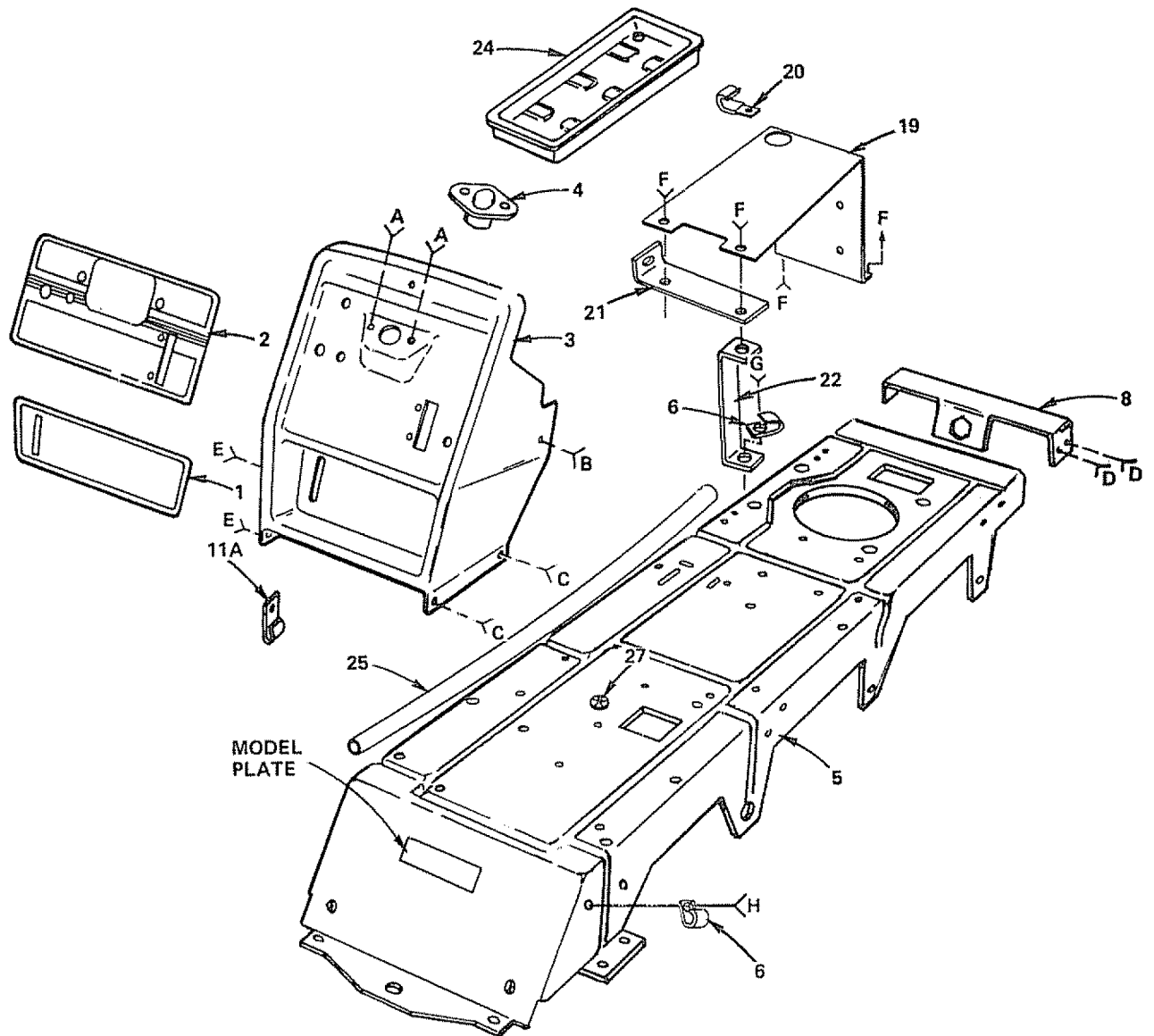
SCHEMATIC DIAGRAM



REPAIR PARTS

SEARS LAWN TRACTOR--MODEL NUMBER 917.255275

DASHBOARD AND CHASSIS



REPAIR PARTS

SEARS LAWN TRACTOR--MODEL NUMBER 917.255275

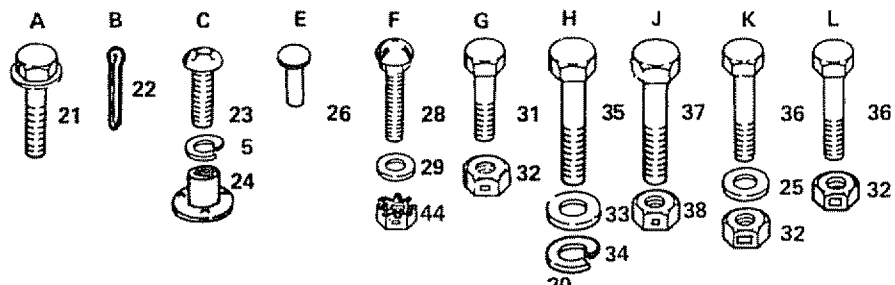
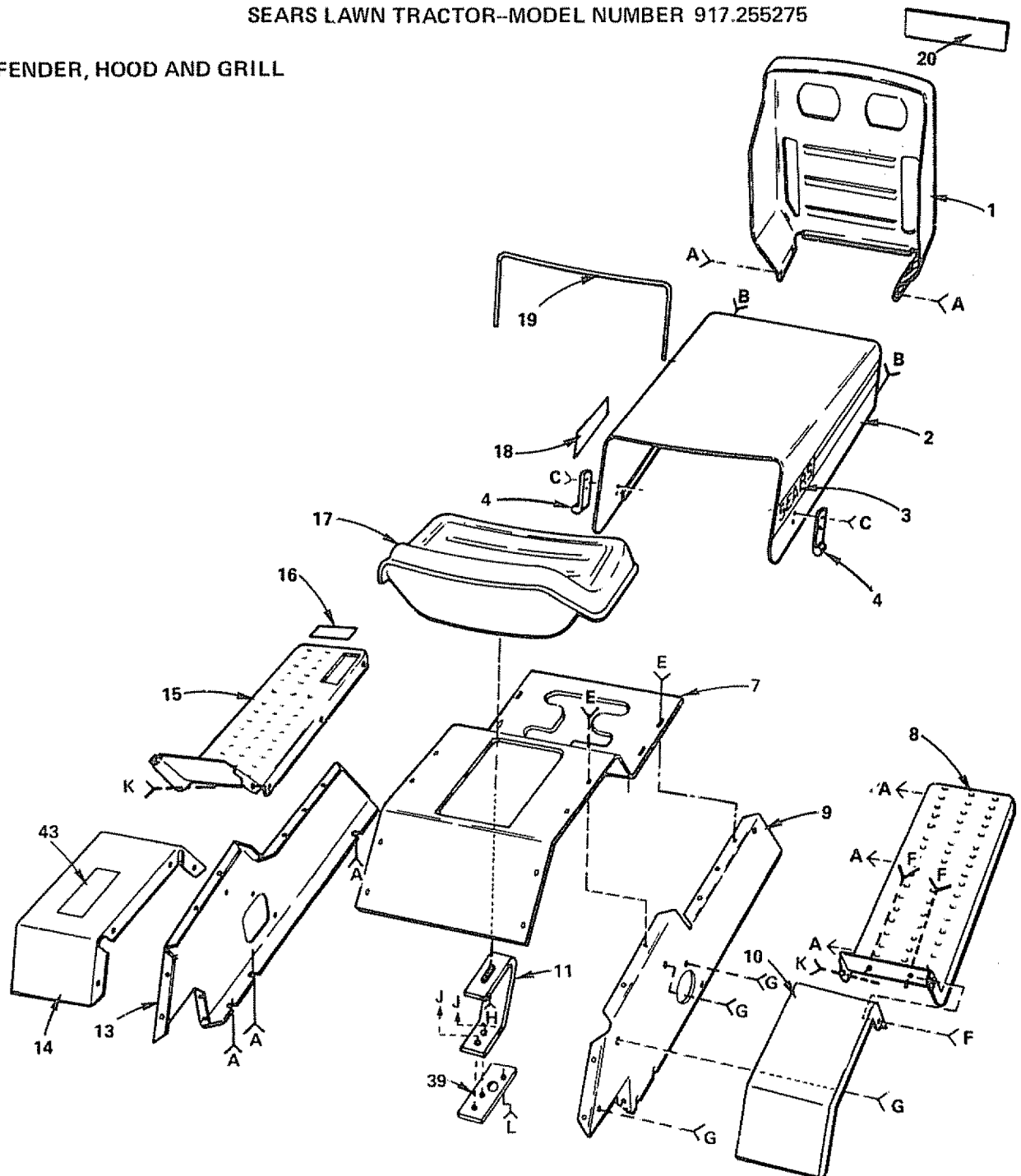
DASHBOARD AND CHASSIS

| KEY NO. | PART NO. | DESCRIPTION | KEY NO. | PART NO. | DESCRIPTION |
|---------|----------|---|---------|-----------|---|
| 1 | 2030J | Decal - Lower Dash | 12 | STD523107 | * Bolt, Hex 5/16 - 18 x 3/4 |
| 2 | 1841J | Decal - Upper Dash | 13 | 532P | Nut, Keps 5/16 - 18 UNC |
| 3 | 678H272 | Dashboard | 14 | STD523707 | * Bolt, Hex 3/8 - 16 x 3/4 |
| 4 | 1554J | Bushing, Steering | 15 | 545P | Nut, Crownlock 3/8 - 16 UNC |
| 5 | 678H427 | Chassis Assembly (Less Model Plate) | 17 | 5612P | Screw, Hex Washer Hd. Thd. Form 5/16 - 18 x 1/2 |
| 6 | 9297R | Insulated Clip | 18 | 575P | Nut - Crownlock 5/16 - 18 UNC |
| 7 | 6072P | Machine Screw - Cross Recess Pan Head No. 10 - 24 x 1 - 1/4 | 19 | 678H403 | Base - Battery |
| 8 | 678H494 | Axle Support | 20 | 2751R | Clip - Line, Fuel |
| 9 | 5614P | Screw, Hex Washer Hd. Type AB No. 10 x 1/2 | 21 | 678H454 | Support - Side, Battery |
| 10 | 7206J | Spacer - Split | 22 | 678H453 | Support - Leg, Battery |
| 11 | 572P | Nut, Keps No. 10 - 24 UNC | 23 | 1654P | Washer 11/32 x 3/4 x 12 Ga. |
| 11A | 2521R | Insulated Clip | 24 | 7603J | Battery Tray |
| | | | 25 | 7697J | Battery Drain Tube |
| | | | 26 | STD523106 | * Bolt, Hex 5/16 - 18 x 5/8 |
| | | | 27 | 3807R | Bushing - Universal |
| | | | --- | 7712J | Owners Manual |
| | | | | | *STANDARD HARDWARE--PURCHASE LOCALLY |

REPAIR PARTS

SEARS LAWN TRACTOR--MODEL NUMBER 917.255275

FENDER, HOOD AND GRILL



REPAIR PARTS

SEARS LAWN TRACTOR--MODEL NUMBER 917.255275

FENDER, HOOD AND GRILL

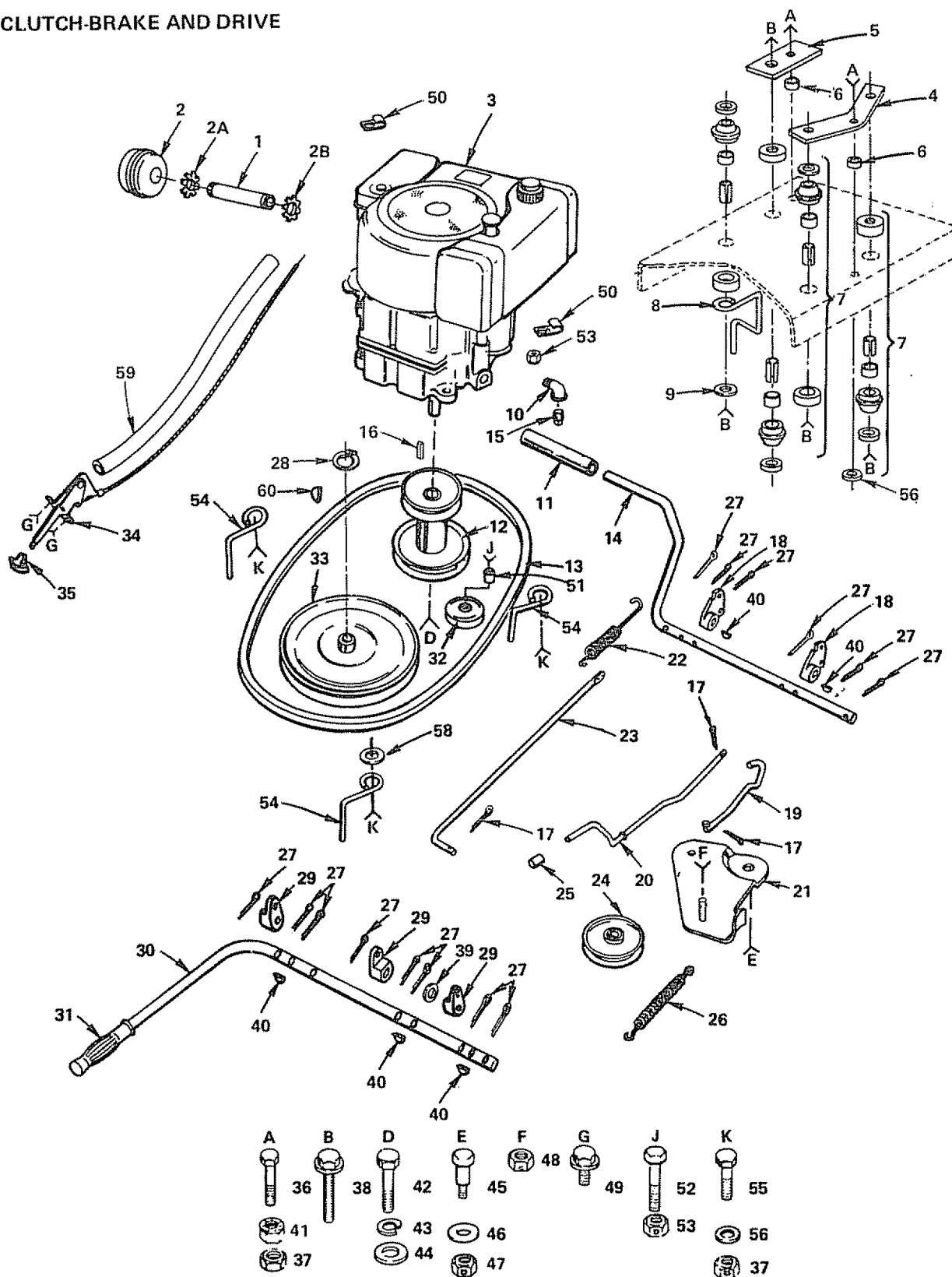
| KEY NO. | PART NO. | DESCRIPTION | KEY NO. | PART NO. | DESCRIPTION |
|---------|-----------|--|---------|-----------|---|
| 1 | 678H149 | Grill | 23 | STD511005 | *Screw, Machine Cross Recess Pan Hd No. 10 - 24 x 1/2 |
| 2 | 677H83 | Hood Assembly | 24 | 2029J | Nut, Weld |
| 3 | 4500J | Decal - Hood, R H. | 25 | 1599P | Washer 11/32 x 3/4 x 16 Ga |
| 4 | 8889R | Rubber Hood Latch | 26 | 2015P | Pop Rivet |
| 5 | STD551110 | *Lockwasher No. 10 Heavy | 28 | 66P | Bolt, Carriage Short Shoulder 1/4 - 20 x 1/2 Gr 5 |
| 7 | 677A805 | Top Panel with Silk Screen | 29 | 1507P | Washer 9/32 x 3/4 x 16 Ga |
| 8 | 677H94 | Foot Rest - R.H. | 31 | 3008P | Bolt, Hex 5/16 - 18 x 1/2 |
| 9 | 678H275 | Side Panel - R.H. | 32 | 575P | Nut, Crownlock 5/16 - 18 UNC |
| 10 | 677H704 | Fender - R.H. | 33 | 1661P | Washer 17/32 x 1 - 3/16 x 12 Ga |
| 11 | 677H950 | Spring Seat | 34 | STD551150 | *Lockwasher, Spring 1/2 |
| 13 | 678H276 | Side Panel - L.H. | 35 | STD525010 | *Bolt, Hex 1/2 - 13 x 1 |
| 14 | 677H705 | Fender - L.H. | 36 | STD523107 | *Bolt, Hex 5/16 - 18 x 3/4 |
| 15 | 678H471 | Foot Rest - L.H. | 37 | STD523710 | *Bolt, Hex 3/8 - 16 x 1 |
| 16 | 9596R | Decal - Brake, Clutch | 38 | 545P | Nut, Crownlock 3/8 - 16 UNC |
| 17 | 1496J | Seat | 39 | 678H456 | Washer - Seat |
| 18 | 4501J | Decal - Hood, L.H. | 43 | 6641J | Label - Fact, Warranty |
| 19 | 8937R | Hood Strip | 44 | 531P | Nut - Keps 1/4 - 20 UNC |
| 20 | 2893J | Decal - Grill | | | |
| 21 | 5612P | Screw, Hex Washer Hd Thrd. Form. 5/16 - 18 x 1/2 | | | |
| 22 | STD560907 | *Cotter Pin 3/32 x 3/4 | | | |

*STANDARD HARDWARE--PURCHASE LOCALLY

REPAIR PARTS

SEARS LAWN TRACTOR—MODEL NUMBER 917.255275

CLUTCH-BRAKE AND DRIVE



REPAIR PARTS

SEARS LAWN TRACTOR--MODEL NUMBER 917.255275

CLUTCH-BRAKE AND DRIVE

| KEY NO. | PART NO. | DESCRIPTION | KEY NO. | PART NO. | DESCRIPTION |
|---------|-----------|--|---------|-----------|---|
| 1 | 7107J | Pipe - Muffler | 33 | 1631J | Transaxle Pulley |
| 2 | 420J | Muffler | 34 | 3375J | Throttle Control (Inc. Key No. 35) |
| 2A | 9540H | Locknut - Conduit | 35 | 61159 | Knob - Throttle Control |
| 2B | 7106J | Locknut - Conduit | 36 | 3400P | Bolt, Hex Whiz Lock 5/16 - 18 x 1 - 1/2, Gr. |
| 3 | 7729J | Engine, 10 H.P. Model No. 220707, Type No. 0147-01 | 37 | 575P | Nut, Crownlock 5/16 - 18 UNC |
| 4 | 1532J | Engine Torque Strap | 38 | 5613P | Screw, Hex Washer Hd. Thread Rolling Type TT 3/8 - 16 x 2 - 1/2 |
| 5 | 1531J | Torque Strap L.H. | 39 | 1580P | Washer 21/32 x 1 x 16 Ga. |
| 6 | 4473J | Spacer - Strap, Torque | 40 | 9858M1 | Woodruff Key |
| 7 | 674A166 | + Iso-mount Assembly | 41 | 583P | Nut, Whiz Lock Flange 5/16 - 18 UNC |
| 8 | 1666J | V-Belt Snubber | 42 | 3418P | Bolt, Hex 7/16 - 20 UNF x 1 - 1/2 |
| 9 | STD551037 | * Washer 13/32 x 13/16 x 16 Ga. | 43 | STD551143 | * Lockwasher 7/16 |
| 10 | 4012P | 90° Street Elbow 3/8 - 18 NPT | 44 | 1680P | Washer 7/16 x 1 - 1/2 x 5 Ga. |
| 11 | 8883R | Pedal Cover - Attachment | 45 | 55855 | Bolt, Shoulder 5/16 - 24 x 15/16 |
| 12 | 7731J | Engine Pulley | 46 | 1650P | Washer .531 x 1.50 x .115 |
| 13 | 1629J | V-Belt Traction Drive | 47 | STD541531 | * Locknut 5/16 - 24 UNF |
| 14 | 678H455 | Foot Pedal Shaft | 48 | 7810H | Locknut 3/8 - 24 UNF |
| 15 | 31927 | Plug, Drain 3/8 - 18 Sq. Hd. | 49 | 5606P | Screw, Hex Washer Hd. Thread. Cut. 1/4 - 20 x 1/2 Type 23 |
| 16 | 9396E | Key--Square | 50 | 2751R | Clip - Fuel Line |
| 17 | STD560907 | * Cotter Pin 3/32 x 3/4 | 51 | 4470J | Spacer |
| 18 | 64229 | Clutch or Brake Lever | 52 | STD523722 | * Bolt, Hex 3/8 - 16 x 2 - 1/4 |
| 19 | 1636J | Clutch Rod | 53 | 545P | Nut, Crownlock 3/8 - 16 UNC |
| 20 | 5977J | Parking Brake Rod | 54 | 678H492 | Snubber, V-Belt |
| 21 | 677A903 | Idler Bracket Assembly | 55 | STD523110 | * Hex, Bolt 5/16 - 18 x 1 |
| 22 | 1635J | Spring - Brake Rod | 56 | 1599P | Washer 11/32 x 3/4 x 16 Ga. |
| 23 | 678H509 | Brake Rod | 58 | 1622P | Washer 13/32 x 7/8 x 7 Ga. |
| 24 | 67400 | Idler Pulley | 59 | 7512J | Sleeve - Insulated |
| 25 | 71673 | Plunger Cap | 60 | 2228M | Key - Woodruff, No. 9 |
| 26 | 73275 | Spring - Idler | | | |
| 27 | STD561210 | * Cotter Pin 1/8 x 1 | | | |
| 28 | 5038P | Retainer Ring | | | |
| 29 | 4481J | Arm - Clutch, Mower | | | |
| 30 | 677H960 | Mower Clutch Handle | | | |
| 31 | 67653 | Handle Grip | | | |
| 32 | 1649J | Idler Pulley | | | |

*STANDARD HARDWARE--PURCHASE LOCALLY
+REFER TO PAGE 10 FOR PROPER ASSEMBLY

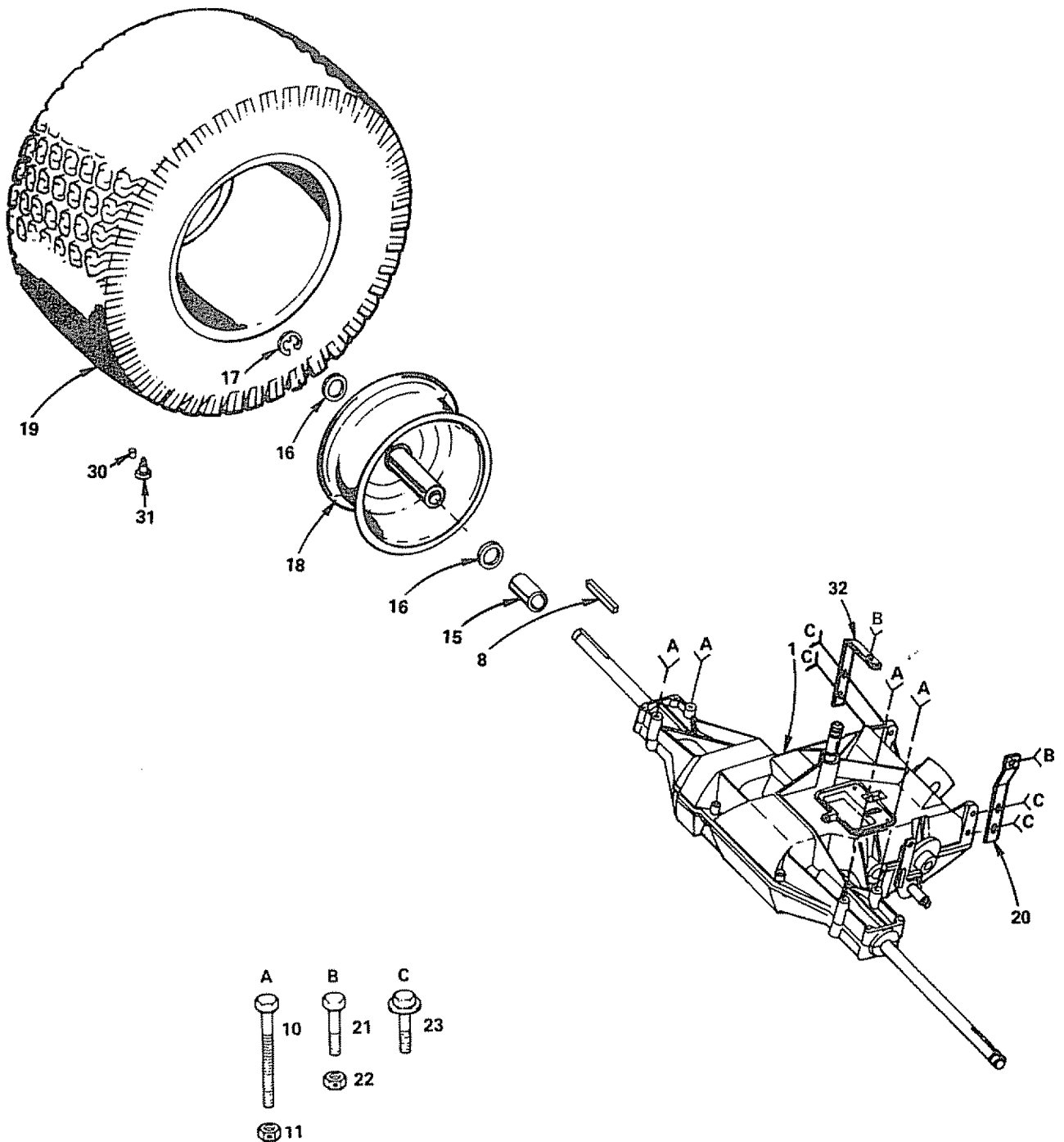
OPTIONAL EQUIPMENT

Spark Arrestor Muffler 673A223

REPAIR PARTS

SEARS LAWN TRACTOR--MODEL NUMBER 917.255275

TRANSAXLE AND REAR WHEEL



REPAIR PARTS

SEARS LAWN TRACTOR--MODEL NUMBER 917.255275

TRANSAXLE AND REAR WHEEL

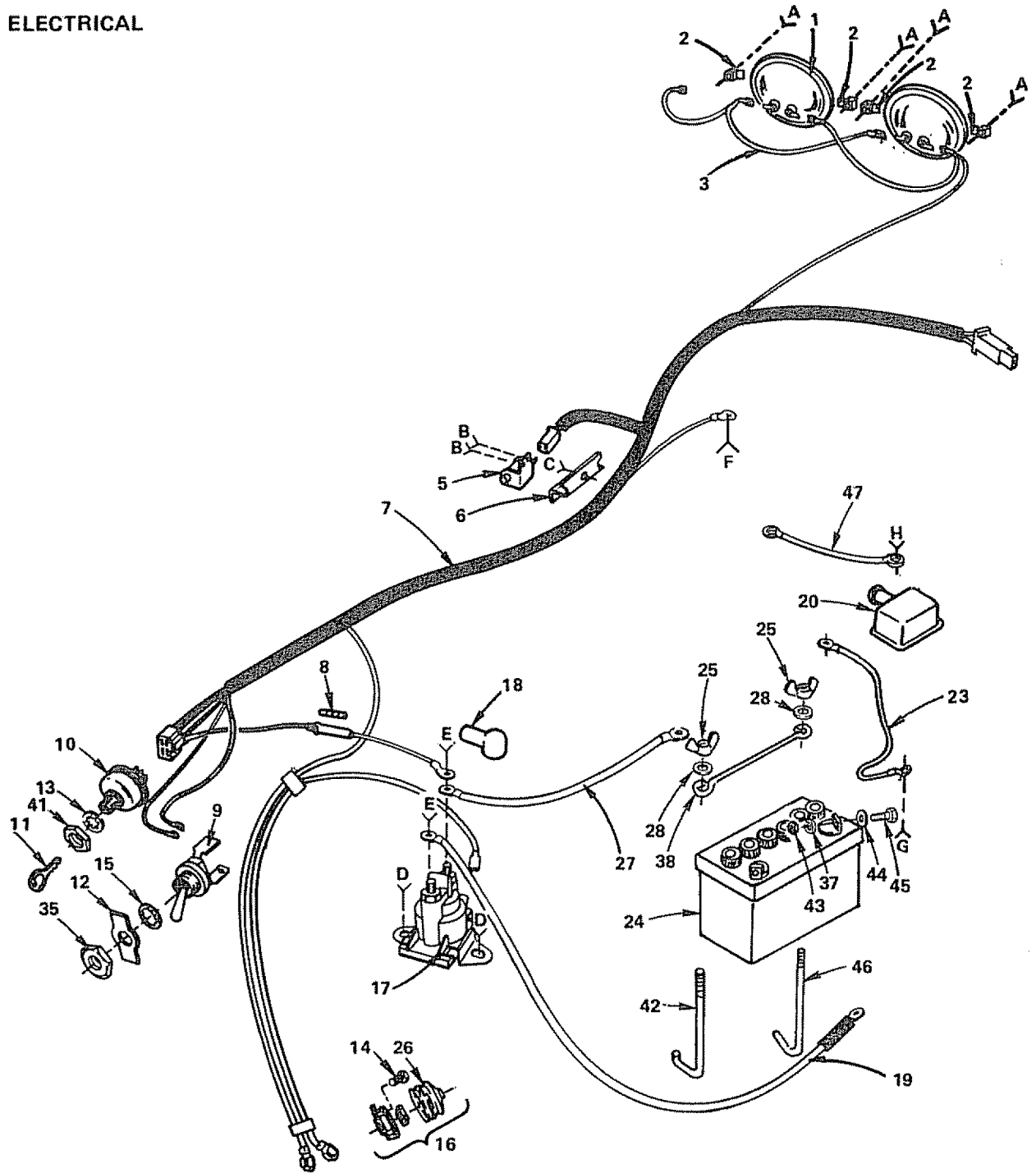
| KEY NO. | PART NO. | DESCRIPTION | KEY NO. | PART NO. | DESCRIPTION |
|---------|-----------|---|---------|-----------|--|
| 1 | 677A302 | Transaxle Assembly Model No. 4010-6 (See Pages 32 & 33 for Breakdown of Parts) | 19 | 3716J | Tire - Soft Trac 18 x 9.50 - 8 |
| 8 | 2703J | Key, Square 3/16 x 2 | 20 | 678H505 | Strap, Torque - R.H. |
| 10 | STD523727 | *Bolt, Hex 3/8 - 16 x 2 - 3/4 | 21 | STD523107 | *Bolt, Hex 5/16 - 18 x 3/4 |
| 11 | 545P | Nut, Crownlock 3/8 - 16 UNC | 22 | 575P | Nut, Crownlock 5/16 - 18 UNC |
| 15 | 2935J | Wheel Spacer | 23 | 5620P | Screw, Hex Washer Hd. Thread Form. 5/16 - 18 x 3/4 |
| 16 | 1552P | Washer 25/32 x 1 - 1/4 x 16 Ga. (2 to 6 as required) | 30 | 59192 | Valve Cap |
| 17 | 5000P | E-Ring | 31 | 65139 | Valve Stem |
| 18 | 71652 | Rim Assembly - Rear 8" | 32 | 678H504 | Strap, Torque - L.H. |

*STANDARD HARDWARE--PURCHASE LOCALLY

REPAIR PARTS

SEARS LAWN TRACTOR-MODEL NUMBER 917.255275

ELECTRICAL



- | | | | | | | | |
|----|----|----|----|----|----|----|----|
| A | B | C | D | E | F | G | H |
| | | | | | | | |
| 29 | 31 | 32 | 33 | 50 | 49 | 39 | 48 |
| | | | | | | | |
| 30 | | | 22 | | | | |
| | | | | | | | |
| | | | 34 | | | | |

REPAIR PARTS

SEARS LAWN TRACTOR--MODEL NUMBER 917.255275

ELECTRICAL

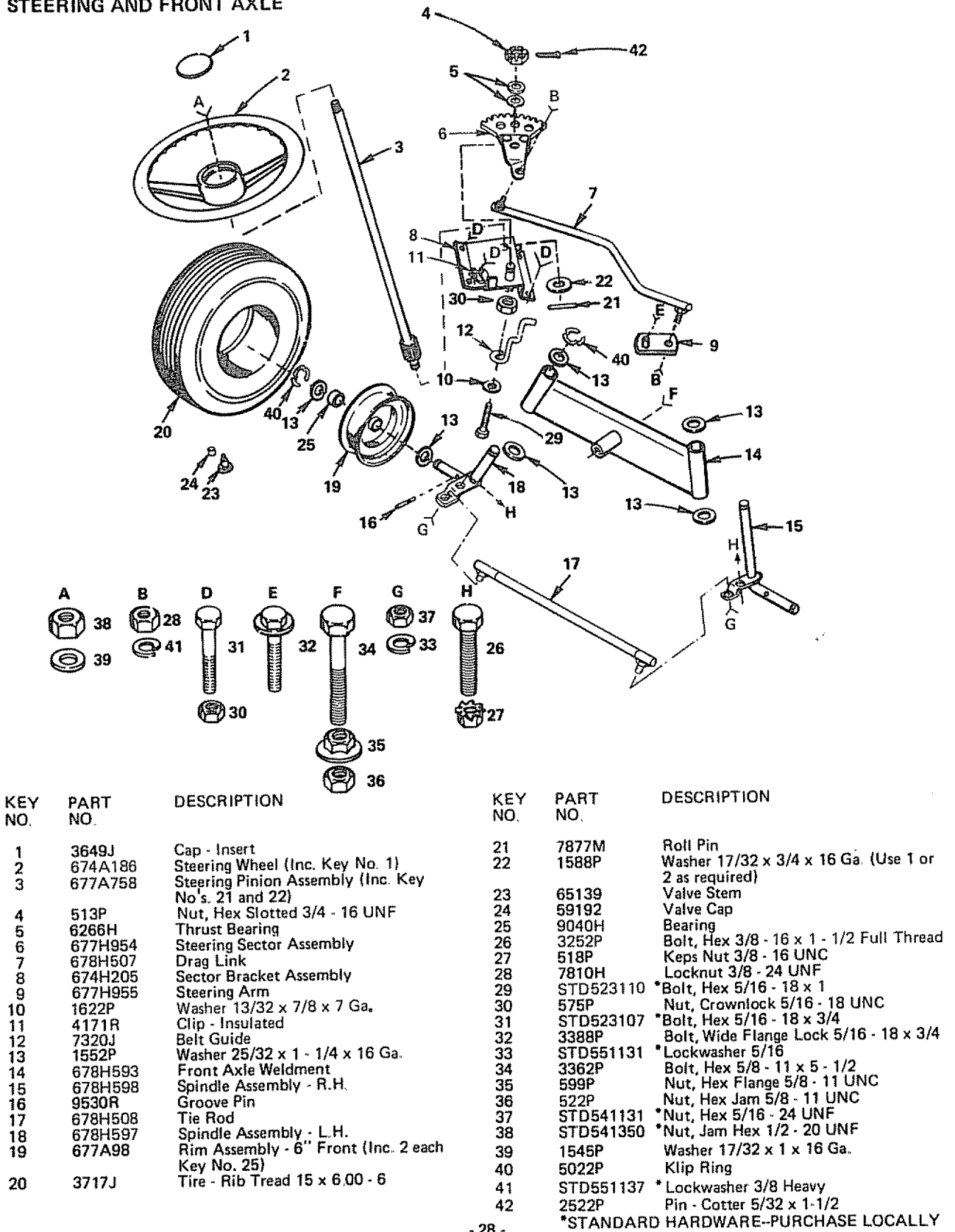
| KEY NO. | PART NO. | DESCRIPTION |
|------------|-------------|---|
| 1 | 6452R | Headlight |
| 2 | 8794R | Headlight Clamp |
| 3 | 8031R | Headlight Ground Wire |
| 5 | 7755R | Interlock Switch |
| 6 | 678H497 | Interlock Switch Bracket |
| 7 | 6439J | Wiring Harness |
| 8 | 6347R | Fuse - 30 Amp. |
| 9 | 4482J | Light Switch |
| 10 | 4406R | Ignition Switch |
| 11 | 7552H | Key |
| 12 | 7682R | Plate - On/Off |
| 13 | 1411P | Lockwasher, Internal Tooth 5/8 |
| 14 | 2067J | Screw, Hex Washer Head Tapping No. 10 - 24 x 1 |
| 15 | 7319R | Lockwasher, Internal Tooth 7/16 |
| 16 | 3003J | Interlock Switch |
| 17 | 2008J | Solenoid |
| 18 | 719J | Terminal Cover |
| 19 | 5906J | Cable Assembly (Solenoid to Starter) |
| 20 | 225J | Terminal Cover |
| 22 | 1417P | Lockwasher - External Tooth 1/4 |
| 23 | 2955J | Cable Assembly (Ground Wire) |
| 24 | 9272R | Battery |
| 25 | 577P | Wing Nut 1/4 - 20 UNC |
| 26 | 2300J | Boot-Switch |
| 27 | 5907J | Battery Cable (To Solenoid) |
| 28 | 1507P | Washer 9/32 x 3/4 x 16 Ga |
| 29 | STD511010 | Machine Screw, Cross Recess Truss Hd No 10 - 24 x 1 |
| 30 | 4632H | Locknut No. 10 - 24 UNC |
| 31 | 6064P | Screw, Hex Hd. Washer Sems Type T No. 10 - 24 x 3/8 |
| 32 | 5612P | Screw, Hex Washer Hd. Thread Form 5/16 - 18 x 1/2 |
| 33 | 3454P | Mach. Screw Pan Hd. Sltd. 1/4 - 20 x 1/2 |
| 34 | 531P | Keps Nut 1/4 - 20 UNC |
| 35 | 7320R | Nut - Hex Face |
| 36 | STD541225 | *Nut, Hex Jam 1/4 - 20 UNC |
| 37 | STD551125 | *Lockwasher 1/4 |
| 38 | 67187 | Battery Rod |
| 39 | 1408P | Lockwasher, Ext. Tooth 5/16 |
| 41 | 3258J | Nut - Flat |
| 42 | 70456 | Battery Bolt |
| 43 | STD541025 | *Hex Nut 1/4 - 20 UNC |
| 44 | STD551025 | *Washer 9/32 x 5/8 x 16 Ga. |
| 45 | STD522507 | *Hex Bolt 1/4 - 20 x 3/4 |
| 46 | 5959J | Bolt Hook Battery |
| 47 | 6011J | Ground Strap |
| 48 | 545P | Gripco Crownlock Nut 3/8 - 16 |
| 49 | 3008P | Bolt - Hex 5/16 - 18 x 1/2 |
| 50 | 1415P | Lockwasher, Regular 1/4 |

*STANDARD HARDWARE--PURCHASE LOCALLY

REPAIR PARTS

SEARS LAWN TRACTOR-MODEL NUMBER 917.255275

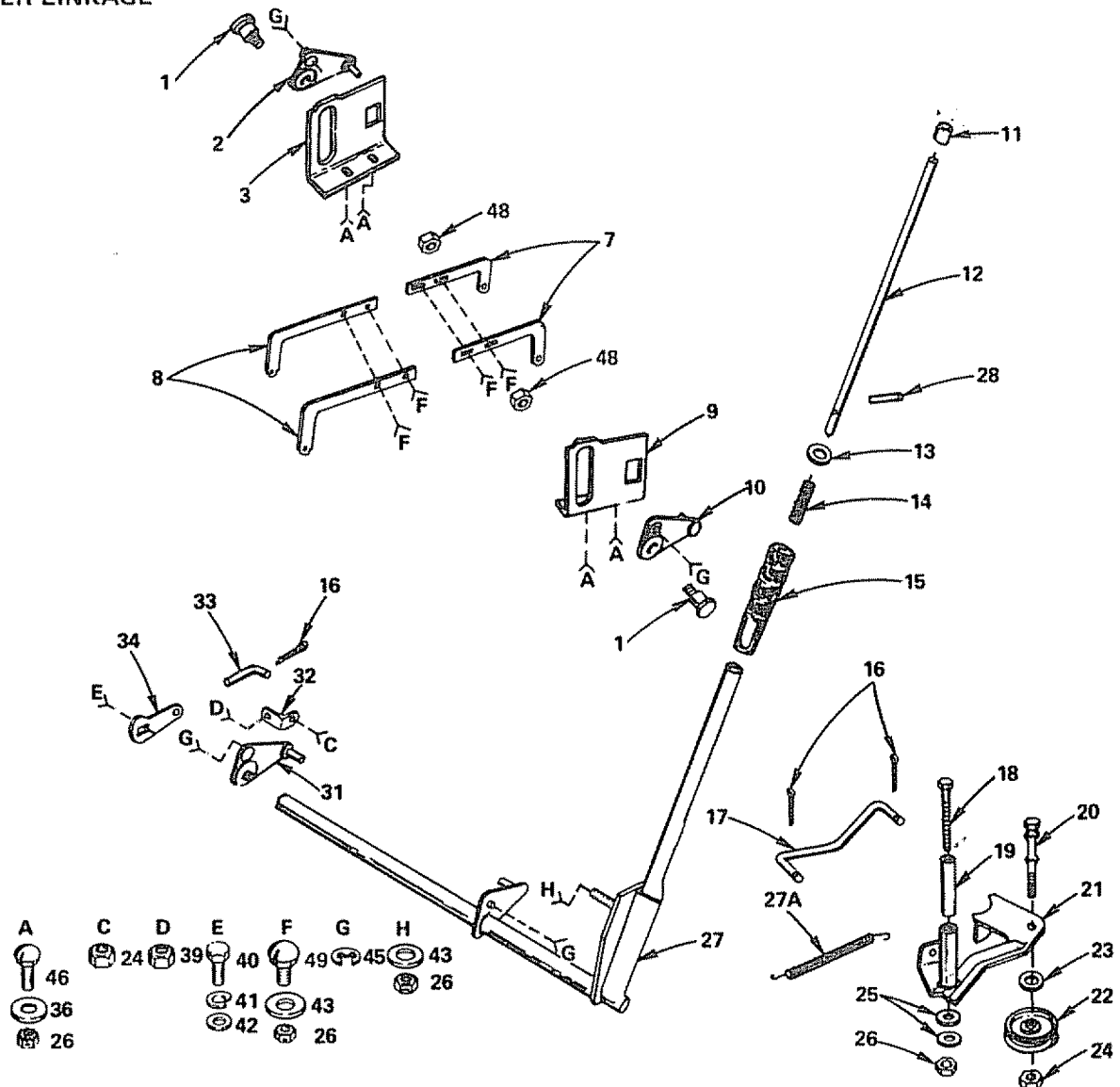
STEERING AND FRONT AXLE



REPAIR PARTS

SEARS LAWN TRACTOR-MODEL NUMBER 917.255275

MOWER LINKAGE



| KEY NO. | PART NO. | DESCRIPTION |
|---------|----------|--|
| 1 | 4792J | Bolt, Shoulder |
| 2 | 678H457 | Arm Assembly - Lift, L.F. |
| 3 | 678H458 | Slide Bracket - L.H. |
| 7 | 512J | Lift Link Adjustment |
| 8 | 1658J | Lift Link |
| 9 | 678H459 | Slide Bracket - R.H. |
| 10 | 678H460 | Arm Assembly - Lift, R.F. |
| 11 | 9479R | Lever Plunger Cap |
| 12 | 678H461 | Rod Plunger |
| 13 | 1615P | Washer 15/32 x 3/4 x 16 Ga. |
| 14 | 71669 | Spring |
| 15 | 1747J | Grip |
| 16 | 2505P | Cotter Pin 1/8 x 3/4 |
| 17 | 678H496 | Mower Clutch Link |
| 18 | 3409P | Bolt, Hex 5/16 - 18 x 4 - 3/4 |
| 19 | 1850J | Sleeve, Inner |
| 20 | 1665J | Bolt, Headed |
| 21 | 677H962 | Mower Idler Bracket Assembly |
| 22 | 7221J | Idler Pulley - Mower |
| 23 | 1507P | Washer 13/32 x 3/4 x 16 Ga. (0 to 3 as required) |
| 24 | 545P | Locknut 3/8 - 16 UNC |

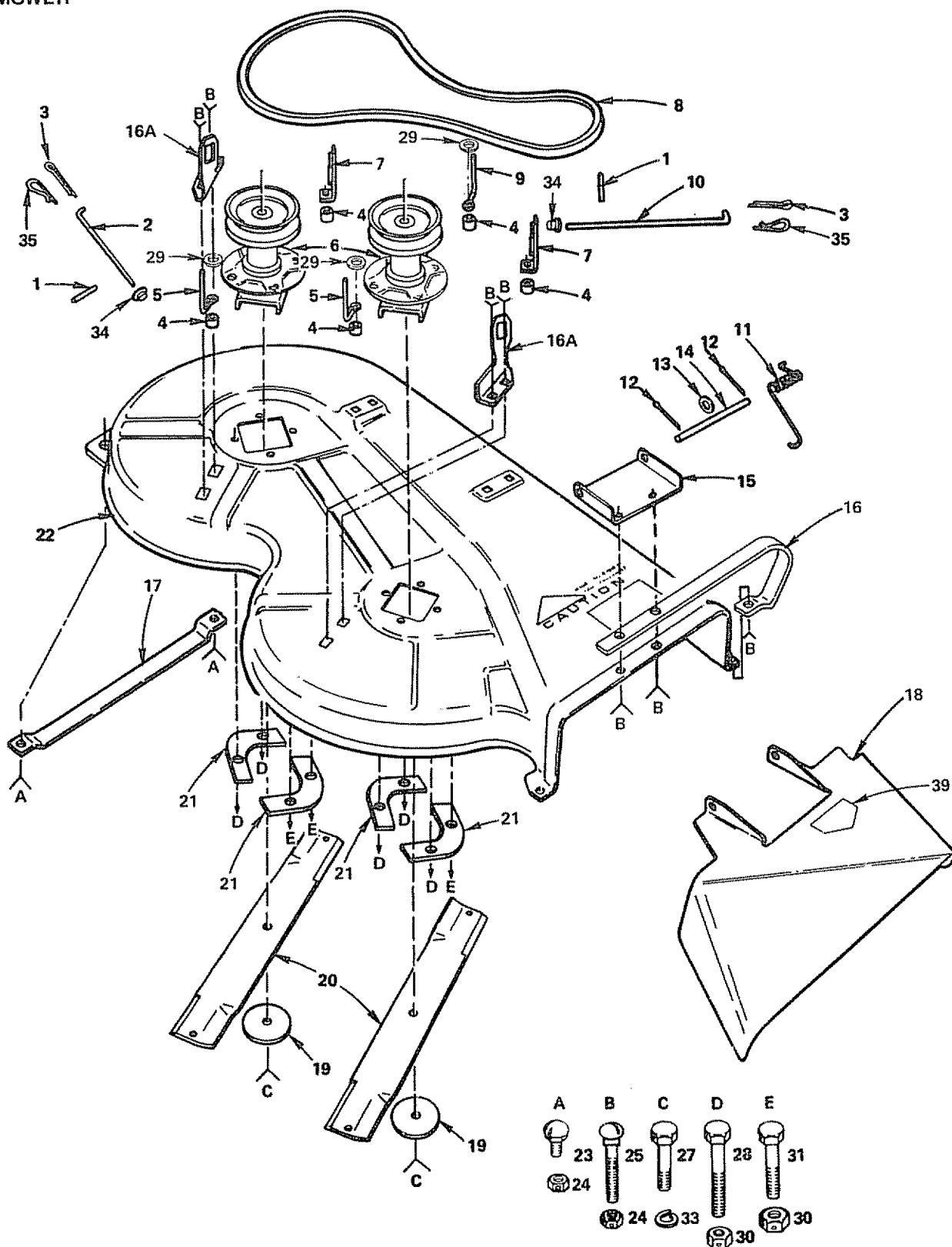
| KEY NO. | PART NO. | DESCRIPTION |
|---------|-----------|---|
| 25 | 1509P | Washer 5/16 x 3/4 x 16 Ga. (2 to 3 as required) |
| 26 | 575P | Nut, Crownlock 5/16 - 18 UNC |
| 27 | 677H972 | Lift Shaft Assembly |
| 27A | 7458J | Spring - Mower Idler Bracket |
| 28 | 5005J | Drive Lock Pin |
| 31 | 678H462 | Arm Assembly - Lift, L.R. |
| 32 | 678H498 | Adjustment - Bracket |
| 33 | 678H499 | Rod - Adjustment |
| 34 | 678H463 | Arm - Adjustment |
| 36 | 1658P | Washer 11/32 x 5/8 x 14 Ga. |
| 39 | 7810H | Locknut 3/8 - 24 UNF |
| 40 | STD522507 | *Bolt, Hex 1/4 - 20 x 3/4 |
| 41 | STD551125 | *Lockwasher 1/4 |
| 42 | 1585P | Washer 9/32 x 1 - 1/4 x 16 Ga. |
| 43 | 1599P | Washer 11/32 x 3/4 x 16 Ga. |
| 45 | 5006P | E-Ring |
| 46 | 67P | Bolt, Carriage 5/16 - 18 x 3/4 Gr. 5 |
| 48 | 595P | Nut, Crownlock 1/2 - 13 UNC |
| 49 | 73P | Bolt, Carriage 5/16 - 18 x 5/8 Gr. 5 |

*STANDARD HARDWARE-PURCHASE LOCALLY

REPAIR PARTS

SEARS LAWN TRACTOR--MODEL NUMBER 917.255275

MOWER



REPAIR PARTS

SEARS LAWN TRACTOR--MODEL NUMBER 917.255275

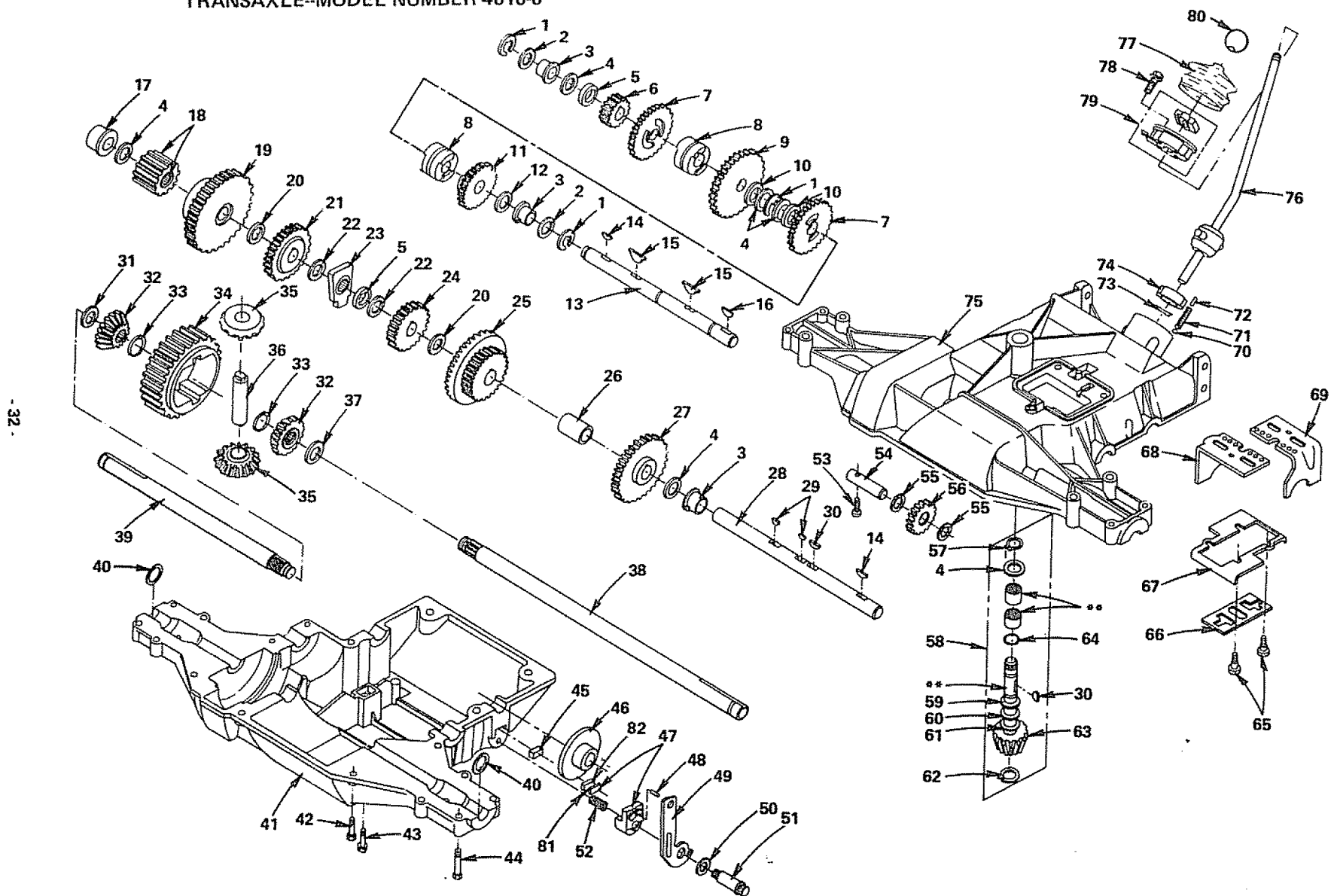
MOWER

| KEY NO. | PART NO. | DESCRIPTION | KEY NO. | PART NO. | DESCRIPTION |
|---------|-----------|-----------------------------|---------|--------------------|--|
| 1 | 53997 | Spring Pin 1/8 x 3/4 | 17 | 678H473 | Skid - Housing, L.H. |
| 2 | 1186J | Jackshaft Brake Rod - L.H. | 18 | 674A258 | Deflector (Discharge Guard) with Silk Screen |
| 3 | 2505P | Cotter Pin 1/8 x 3/4 | 19 | 678H500 | Washer 25/64 x 2 - 3/8 x 8 Ga. |
| 4 | 678H503 | Spacer - Tube, Split | 20 | 71285 | Blade |
| 5 | 678H501 | Belt Snubber - Mower | 21 | 678H465 | Plate - Support, Jackshaft |
| 6 | 678H280 | Jackshaft Assembly | 22 | 677A501 | Mower Housing with Silk Screen |
| 7 | 677A909 | Brake Assembly | 23 | 73P | Bolt, Carriage |
| 8 | 518J | Drive Belt - Mower | | | 5/16 - 18 x 5/8 Gr. 5 |
| 9 | 678H502 | Belt Snubber | 24 | 575P | Nut, Crownlock 5/16 - 18 UNC |
| 10 | 1185J | Jackshaft Brake Rod - R.H. | 25 | 67P | Bolt, Carriage 5/16 - 18 x 3/4 Gr. 5 |
| 11 | 71526 | Discharge Spring | 27 | STD623710 | *Bolt, Hex 3/8 - 24 x 1 Gr. 5 |
| 12 | STD560907 | *Cotter Pin 3/32 x 3/4 | 28 | STD523715 | *Bolt, Hex 3/8 - 16 x 1 - 1/2 |
| 13 | 1623P | Washer 11/32 x 7/8 x 16 Ga. | 29 | 1507P | Washer 13/32 x 3/4 x 16 Ga. |
| 14 | 71555 | Hinge Rod | 30 | 545P | Nut, Crownlock 3/8 - 16 UNC |
| 15 | 678H464 | Deflector Bracket | 31 | STD523710 | *Bolt, Hex 3/8 - 16 x 1 |
| 16 | 678H630 | Housing Skid | 33 | STD551137 | *Lockwasher 3/8, Heavy |
| 16A | 678H472 | Lift Bracket | 34 | 9423R | Push Nut |
| | | | 35 | 4921H | Retainer Spring |
| | | | 39 | 3495J | Label - Warning C P S C. |

*STANDARD HARDWARE--PURCHASE LOCALLY

REPAIR PARTS

SEARS LAWN TRACTOR-MODEL NUMBER 917.255275
TRANSAXLE-MODEL NUMBER 4010-6



REPAIR PARTS

SEARS LAWN TRACTOR--MODEL NUMBER 917.255275
TRANSAXLE--MODEL NUMBER 4010-6

| KEY NO. | PART NO. | DESCRIPTION |
|---------|----------|-----------------------------------|
| 1 | 2225J | Ring, Retaining |
| 2 | 2229J | Washer, Plain, 1.00 x .630 x .040 |
| 3 | 2234J | Bearing, Flange |
| 4 | 2226J | Washer, Plain, 1.00 x .630 x .060 |
| 4 | 2227J | Washer, Plain, 1.00 x .630 x .050 |
| 4 | 2228J | Washer, Plain, 1.00 x .630 x .045 |
| 4 | 2229J | Washer, Plain, 1.00 x .630 x .040 |
| 4 | 2230J | Washer, Plain, 1.00 x .630 x .035 |
| 4 | 2231J | Washer, Plain, 1.00 x .630 x .031 |
| 4 | 2232J | Washer, Plain, 1.00 x .630 x .025 |
| 4 | 2233J | Washer, Plain, 1.00 x .630 x .020 |
| 5 | 2235J | Spacer, 1.00 x .630 x .110 |
| 6 | 2236J | Gear, Spur, 13T. |
| 7 | 5561J | Gear, Spur, 25T. |
| 8 | 2238J | Collar, Clutch |
| 9 | 4174J | Gear, Spur, 33T. |
| 10 | 3412J | Spacer, 1.00 x .630 x .260 |
| 11 | 5562J | Gear, Spur, 20T. |
| 12 | 3413J | Washer, Plain, 1.00 x .630 x .010 |
| 13 | 3414J | Shaft, Intermediate |
| 14 | 2242J | Key, Wdrf., No. 3 Alloy |
| 15 | 3415J | Key, Hi-Pro, Special |
| 16 | 2244J | Key, Wdrf., No. 61 Alloy |
| 17 | 2246J | Bearing, Flange |
| 18 | 3416J | Assembly, Gear, 12T. |
| 19 | 2248J | Gear, Spur, 37T. |
| 20 | 2228J | Washer, Plain, 1.00 x .630 x .045 |
| 21 | 2249J | Gear, Spur, 25T. |
| 22 | 2232J | Washer, Plain, 1.00 x .630 x .025 |
| 23 | 2250J | Assembly, Support, Shaft |
| 24 | 2251J | Gear, Spur, 17T. |
| 25 | 2252J | Gear, Spur, 20T & Bevel, 42T. |
| 26 | 2253J | Spacer (.875 x .630 x 1.375) |
| 27 | 2254J | Gear, Spur, 30T. |
| 28 | 2255J | Shaft, Drive |
| 29 | 2256J | Key, Wdrf., No. 3 Alloy, Special |
| 30 | 2228M | Key, Wdrf., No. 9 Alloy |
| 31 | 2263J | Washer, Plain, 1.25 x .755 x .062 |
| 31 | 2264J | Washer, Plain, 1.25 x .755 x .031 |
| 31 | 2265J | Washer, Plain, 1.25 x .755 x .040 |
| 31 | 3417J | Washer, Plain, 1.25 x .755 x .020 |
| 32 | 2266J | Gear, Miter, 15T., Splined |
| 33 | 3418J | Ring, Retaining, Spirolox R |
| 34 | 2268J | Gear, Spur, 32T. |
| 35 | 2269J | Gear, Miter, 15T. |
| 36 | 2270J | Shaft, Cross |
| 37 | 2264J | Washer, Plain, 1.25 x .755 x .031 |
| 38 | 3419J | Axle, R.H. |
| 39 | 3420J | Axle, L.H. |
| 40 | 2272J | Seal, Felt |

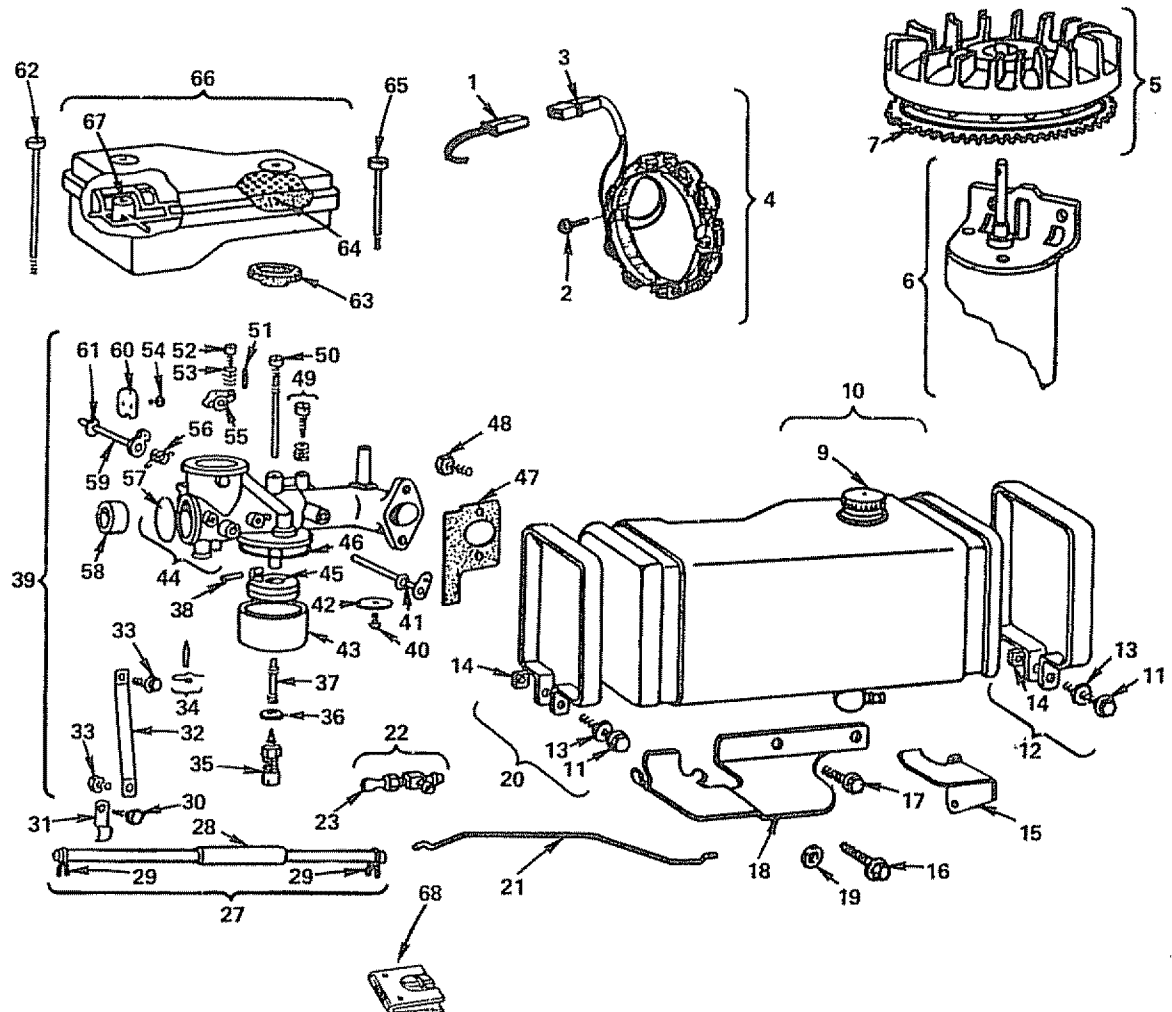
| KEY NO. | PART NO. | DESCRIPTION |
|---------|----------|---|
| 41 | 2273J | Housing, Lower |
| 42 | 2274J | Bolt, Hex Hd., S.T. 1/4 - 20 x .875 |
| 43 | 2275J | Screw, Machine, No. 12 - 24 x .625 |
| 44 | 2276J | Bolt, Hex Hd., S.T. 1/4 - 20 x 1 - 5/16 |
| 45 | 4175J | Puck, Friction |
| 46 | 2278J | Disc, Brake |
| 47 | 2279J | Assembly, Brake Jaw (Inc. Item 48) |
| 48 | 2281J | Screw, Set (No. 8 - 32) |
| 49 | 2282J | Assembly, Lever, Actuating |
| 50 | 2284J | Washer, Plain, .750 x .505 x .006 |
| 51 | 2285J | Bolt, Shoulder |
| 52 | 2280J | Spring, Compression |
| 53 | 2258J | Screw, Tapping, No. 10 - 24 x 1.00 |
| 54 | 2259J | Shaft, Idler |
| 55 | 2260J | Washer, Plain, 1.00 x .505 x .020 |
| 56 | 2261J | Assembly, Gear, Idler |
| 57 | 2267J | Ring, Retaining |
| 58 | 3331J | Assembly, Kit, Input Shaft |
| 59 | 2229J | Washer, Plain, 1.00 x .630 x .040 |
| 60 | 2228J | Washer, Plain, 1.00 x .630 x .045 |
| 61 | 3422J | Washer, Plain, 1.00 x .630 x .015 |
| 61 | 2233J | Washer, Plain, 1.00 x .630 x .020 |
| 61 | 2232J | Washer, Plain, 1.00 x .630 x .025 |
| 61 | 2231J | Washer, Plain, 1.00 x .630 x .030 |
| 61 | 2230J | Washer, Plain, 1.00 x .630 x .035 |
| 62 | 2286J | Ring, Retaining |
| 63 | 2287J | Pinion, Bevel, 16T. |
| 64 | 3423J | O-Ring |
| 65 | 2289J | Screw, Pozi-Driv |
| 66 | 2290J | Plate, Lock-out |
| 67 | 2291J | Plate, Fork, Support |
| 68 | 2292J | Fork, Shifter |
| 69 | 2293J | Fork, Shifter |
| 70 | 2294J | Ball, Detent |
| 71 | 2295J | Spring, Detent |
| 72 | 2296J | Screw, Set, 1/4 - 20 x 1/2 |
| 73 | 2019J | Washer, Wave |
| 74 | 2061J | Insert, Nylon |
| 75 | 2297J | Housing, Upper |
| 76 | 3002J | Assembly, Lever, Shift |
| 77 | 2300J | Boot, Switch |
| 78 | 2067J | Screw, Hex Hd., S.T. No. 10 - 24 x 1.00 |
| 79 | 3003J | Assembly, Kit, Switch |
| 80 | 4591J | Knob |
| 81 | 4169J | Spacer (.045) |
| 82 | 4170J | Puck, Friction |

**ORDER KEY NO. 58

REPAIR PARTS

SEARS LAWN TRACTOR--MODEL NUMBER 917.255275
ENGINE--MODEL NUMBER 220707, TYPE NUMBER 0147-01

AIR CLEANER AND CARBURETOR



REPAIR PARTS

SEARS LAWN TRACTOR--MODEL NUMBER 917.255275
ENGINE--MODEL NUMBER 220707, TYPE NUMBER 0147-01

AIR CLEANER AND CARBURETOR

| KEY NO. | PART NO. | DESCRIPTION | KEY NO. | PART NO. | DESCRIPTION |
|---------|----------|--|---------|----------|--|
| 1 | 393362 | Alternator Harness Assy (Dual Circuit) | 37 | 230932 | +Screw - Nozzle |
| 2 | 93621 | Screw - Sem | 38 | 230896 | +Pin - Float Hinge |
| 3 | 393456 | Diode and Connector Assy. | 39 | 391788 | Carburetor Assembly (Inc. Key No's. 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60 & 61) |
| 4 | 393474 | Stator - Alternator (Dual Circuit) (Inc. Key No. 3) | | | |
| 5 | 391988 | Flywheel and Ring Gear Assy - Magneto (Inc. Key No. 7) | 40 | 93499 | Screw - Throttle & Choke Valve Mtg. Sem |
| 6 | 394805 | Motor - Starting (12 Volt) | 41 | 391512 | Shaft & Lever - Throttle |
| 7 | 392134 | Gear - Ring | 42 | 221939 | Valve - Throttle |
| 9 | 392300 | Cap - Fuel Tank | 43 | 221995 | Bowl - Float |
| 10 | 390225 | Tank Assembly - Fuel (3 quart) (Inc. Key No. 9) | 44 | 391787 | Body Assembly - Carburetor (Inc. Key No. 57) |
| 11 | 93803 | Screw - Hex Head | 45 | 299707 | Float - Carburetor |
| 12 | 390406 | Strap Assy - Fuel Tank (R.H.) (Inc. Key No's. 11, 13 & 14) | 46 | 270511 | +Gasket - Float Bowl |
| 13 | 90832 | Washer - Lock - 1/4 x 3/32 x 5/64 | 47 | 270872 | *Gasket - Carburetor |
| 14 | 90970 | Nut - Square 1/4 - 20 | 48 | 93357 | Screw - Carburetor |
| 15 | 222980 | Bracket - Fuel Tank (R.H.) | 49 | 292681 | +Valve Assembly - Carburetor Idle |
| 16 | 93634 | Screw - Sem | 50 | 299740 | +Nozzle - Carburetor |
| 17 | 93535 | Screw - Sem (3/4" long) | 51 | 93043 | Pin - Throttle Stop |
| 18 | 222979 | Bracket - Fuel Tank (L.H.) | 52 | 91920 | Screw - Machine - Fill. Hd. 8 - 32 x 5/8" |
| 19 | 22776 | Washer - Flat | 53 | 26157 | Spring - Throttle Adjustment |
| 20 | 390405 | Strap Assy - Fuel Tank (L.H.) (Inc. Key No's. 11, 13 & 14) | 54 | 93499 | Screw - Throttle & Choke Valve Mtg. Sem |
| 21 | 261274 | Link - Choke | 55 | 211712 | Stop - Throttle |
| 22 | 390303 | Connector - Fuel Pipe (Inc. Key No. 23) | 56 | 261116 | Spring - Choke Return |
| 23 | 293934 | Valve - Fuel Shut-Off | 57 | 221997 | +Plug - Welch |
| 27 | 296004 | Pipe - Fuel (Inc. Key No. 29) | 58 | 211960 | Venturi - Carburetor |
| 28 | 222175 | Shield - Heat | 59 | 390684 | Shaft & Lever - Choke |
| 29 | 93053 | Clamp - Fuel Pipe | 60 | 222010 | Valve Choke |
| 30 | 93572 | Screw | 61 | 270382 | Washer - Choke Shaft |
| 31 | 221428 | Clamp (2) | 62 | 93323 | Screw - Air Cleaner |
| 32 | 222311 | Bracket - Carburetor | 63 | 270853 | Gasket - Air Cleaner |
| 33 | 93572 | Screw | 64 | 270843 | Element - Air Cleaner |
| 34 | 299096 | +Valve - Fuel Inlet | 65 | 93622 | Screw - Air Cleaner |
| 35 | 391233 | +Valve - Needle | 66 | 391786 | Cleaner Assembly - Air (Inc. Key No's. 64 & 67) |
| 36 | 222014 | +Washer - Float Bowl | 67 | 280118 | Support - Air Cleaner Element |
| | | | 68 | 223271 | Valve - Handle - Shut-Off |
| | | | --- | 299852 | Carburetor Overhaul Kit |

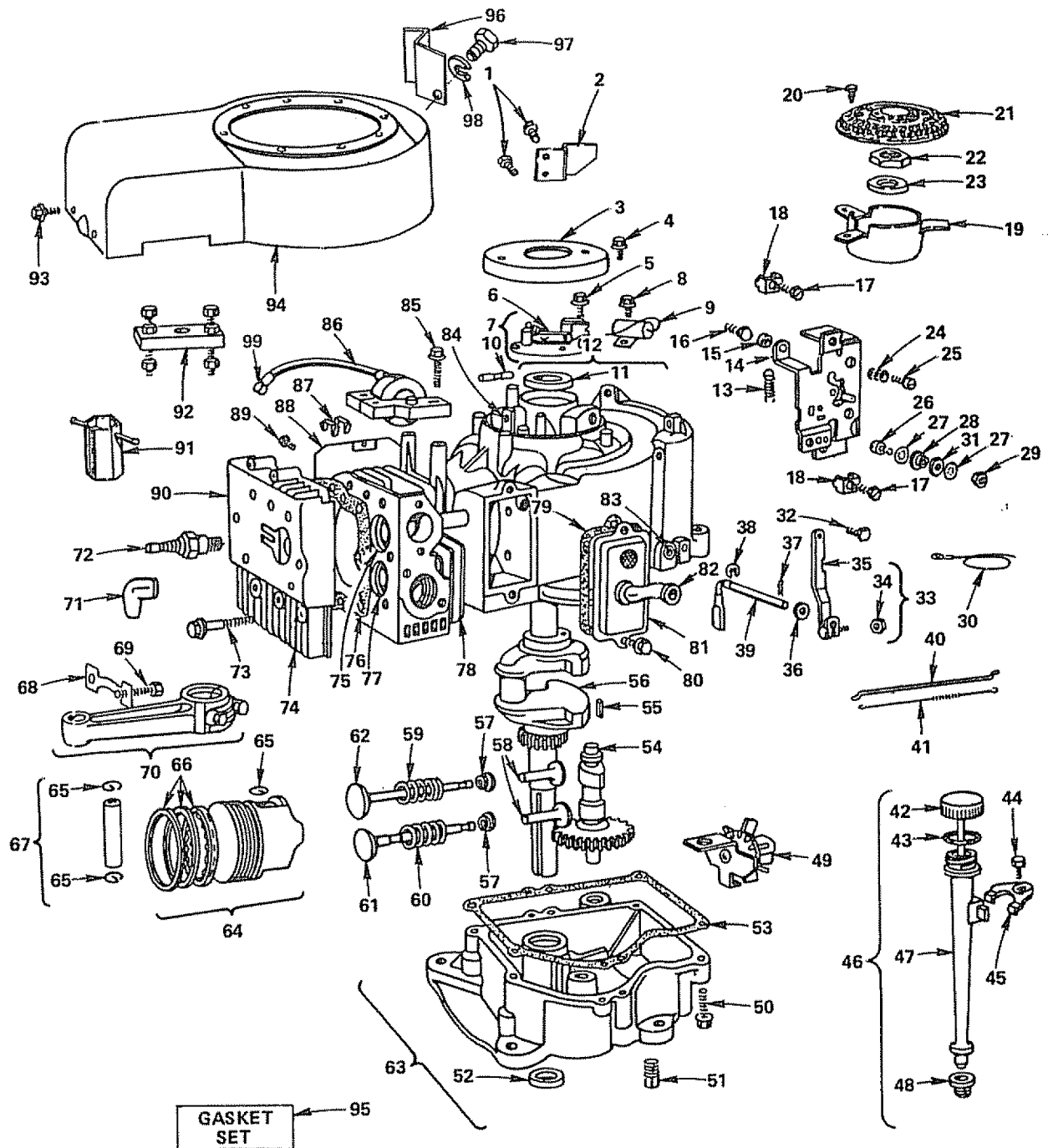
+INCLUDED IN CARBURETOR OVERHAUL KIT
PART NO. 299852

*INCLUDED IN GASKET SET - PART NO. 393411

REPAIR PARTS

SEARS LAWN TRACTOR—MODEL NUMBER 917.255275
ENGINE—MODEL NUMBER 220707, TYPE NUMBER 0147-01

CYLINDER, CRANKSHAFT AND ENGINE BASE GROUP



REPAIR PARTS

SEARS LAWN TRACTOR--MODEL NUMBER 917.255275
ENGINE--MODEL NUMBER 220707, TYPE NUMBER 0147-01

CYLINDER, CRANKSHAFT AND ENGINE BASE GROUP

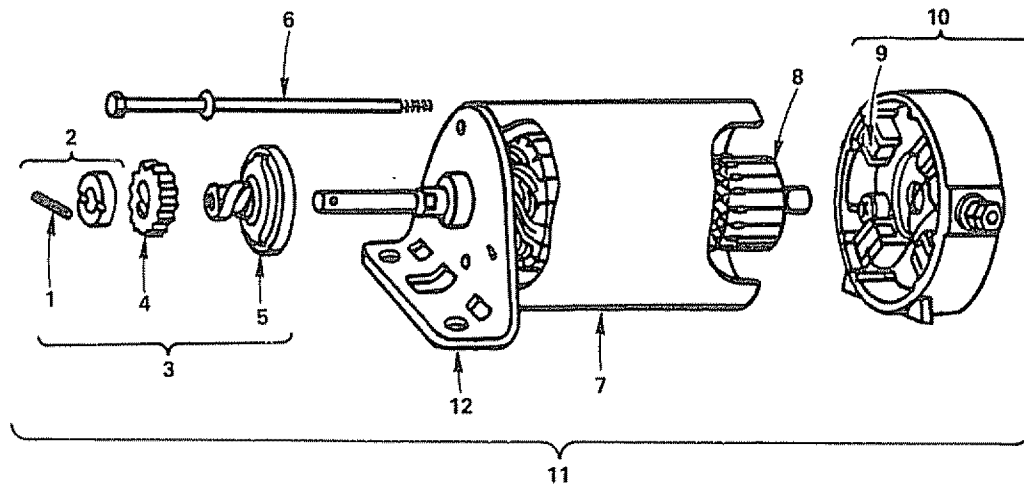
| KEY NO. | PART NO. | DESCRIPTION | KEY NO. | PART NO. | DESCRIPTION |
|---------|----------|--|---------|----------|--|
| 1 | 93572 | Screw | 54 | 212296 | Gear - Cam |
| 2 | 222971 | Bracket - Fuel Tank Support | 55 | 61760 | Key - Flywheel |
| 3 | 222309 | Cover - Breaker Point | 56 | 261187 | Crankshaft |
| 4 | 93014 | Screw - Sem | 57 | 221596 | Retainer - Intake Valve |
| 5 | 93226 | Screw - Breaker Adjusting Sem | 58 | 261183 | Tappet - Valve |
| 6 | 26018 | Spring - Breaker Arm | 59 | 65906 | Spring - Intake Valve |
| 7 | 391284 | Breaker Ass'y - Ignition (Inc. Key No. 6) | 60 | 26828 | Spring - Exhaust Valve |
| 8 | 93042 | Screw - Sem | 61 | 261503 | Valve - Exhaust |
| 9 | 29861 | Condenser | 62 | 261462 | Valve - Intake |
| 10 | 65704 | Plunger - Breaker Point | 63 | 391784 | Sump - Oil (Inc. Key No's. 52 & 53) |
| 11 | 391086 | Seal - Oil | 64 | 391285 | Piston Ass'y - Standard (Inc. Key No's. 65 & 66) |
| 12 | 393863 | Cylinder Assembly (Inc. Key No. 11) | 64 | 391287 | Piston Ass'y - .010 O.S. |
| 13 | 261306 | Spring - Governor | 64 | 391288 | Piston Ass'y - .020 O.S. |
| 14 | 390662 | Plate - Gov. Control | 64 | 391289 | Piston Ass'y - .030 O.S. |
| 15 | 231039 | Spacer - Control Bracket Mounting | 65 | 260924 | Lock - Piston Pin |
| 16 | 93686 | Screw - Control Bracket Mounting | 66 | 391780 | Ring Set - Piston - Standard |
| 17 | 93496 | Screw - Sem | 66 | 391781 | Ring Set - Piston - .010 O.S. |
| 18 | 221535 | Clamp - Casing | 66 | 391782 | Ring Set - Piston - .020 O.S. |
| 19 | 222561 | Cup - Screen Mounting | 66 | 391783 | Ring Set - Piston - .030 O.S. |
| 20 | 93805 | Screw - Sem | 67 | 299691 | Pin Assembly - Piston - Standard (Inc. Key No. 65) |
| 21 | 222562 | Screen - Flush Rotating | 67 | 391286 | Pin Assembly - Piston - .005 O.S. |
| 22 | 92284 | Nut - Hex | 68 | 222299 | Lock - Conn. Rod Screw |
| 23 | 220865 | Washer - Spring | 69 | 92909 | Screw - Conn. Rod |
| 24 | 26157 | Spring - Throttle Adjustment | 70 | 393860 | Rod Ass'y - Connecting (Inc. Key No's. 68 & 69) |
| 25 | 91920 | Screw - Machine, Fill. Hd. 8 - 32 x 5/8 | 71 | 66538 | NOTE: For Connecting Rod with .020 undersize Crankpin - Order No. 393861 |
| 26 | 93735 | Screw - Terminal | 72 | 293918 | Elbow - Spark Plug |
| 27 | 92791 | Washer - Insulating | 73 | 93723 | Plug - Spark (Resistor Type) |
| 28 | 66554 | Collar - Insulating | 74 | 212366 | Screw - Cylinder Head (3" Long) |
| 29 | 90576 | Nut - Hex - 8 - 32 (2) | 75 | 261463 | +Head - Cylinder |
| 30 | 391602 | Wire - Ground | 76 | 271075 | Seat - Intake Valve (Standard) |
| 31 | 66068 | Washer - Insulating | 77 | 211661 | *Gasket - Cylinder Head |
| 32 | 93572 | Screw | 78 | 231218 | +Seat - Exhaust Valve |
| 33 | 391733 | Lever Ass'y - Governor (1/4 Dia. Crank) (Inc. Key No's. 34 & 35) | 79 | 27803 | +Guide - Exhaust Valve |
| 34 | 231082 | Nut - Hex., 10 - 24 | 80 | 93394 | *Gasket - Valve Cover |
| 35 | 92613 | Bolt - Governor Link | 81 | 391406 | Screw - Sem |
| 36 | 222450 | Washer - Gov. Crank (1/4 I.D.) | 82 | 280100 | Breather Assembly |
| 37 | 93306 | Cotter - Hairpin | 83 | 231055 | Tube - Breather |
| 38 | 93307 | Retainer - E-Ring | 84 | 23513 | Bushing - Gov. Crank (1/4 I.D.) |
| 39 | 231058 | Crank - Governor (1/4 Dia.) | 85 | 93381 | +Bushing - Plunger |
| 40 | 261198 | Link Governor | 86 | 298968 | Screw - Armature Mounting Sem |
| 41 | 261197 | Spring Governor | 87 | 221907 | Armature Assembly |
| 42 | 391841 | Cap and Dipstick | 88 | 222744 | Clip - Wire |
| 43 | 270920 | Seal - Oil Filter Cap | 89 | 93163 | Shield - Cylinder |
| 44 | 93804 | Screw - Clamp Mtg. | 90 | 222725 | Screw - Cylinder Shield Mtg. Sem |
| 45 | 222502 | Clamp - Oil Filter Tube | 91 | 89838 | Cover - Cylinder Head |
| 46 | 392067 | Fill Group-Oil (Inc. Key No's. 42, 43, 44, 45, 47 & 48) | 92 | 19203 | Wrench - Spark Plug |
| 47 | 280134 | Tube - Oil Filter | 93 | 93158 | Puller - Flywheel |
| 48 | 68838 | Seal - Filler Tube | 94 | 391556 | Screw - Blower Housing Mounting Sem |
| 49 | 391764 | Oil Slinger, Gov. Gear & Bracket Assembly | 95 | 393411 | Housing Blower |
| 50 | 93585 | Screw - Sump Mounting Sem | 96 | 223157 | Gasket Set |
| 51 | 91084 | Plug - Oil Drain | 97 | 93294 | Fuel Tank Support Bracket |
| 52 | 291675 | Seal - Oil | 98 | 90832 | Screw |
| 53 | 270808 | *Gasket - Crankcase Cover - 1/64 Thick | 99 | 221798 | Lockwasher |
| 53 | 270915 | *Gasket - Crankcase Cover - .005 Thick | | | Terminal - Ignition Cable |
| 53 | 270916 | *Gasket - Crankcase Cover - .009 Thick | | | |

+SPECIAL TOOLS REQUIRED TO INSTALL
*INCLUDED IN GASKET SET PART NO. 393411

REPAIR PARTS

SEARS LAWN TRACTOR--MODEL NUMBER 917.255275
ENGINE--MODEL NUMBER 220707, TYPE NUMBER 0147-01

STARTER MOTOR GROUP



| KEY NO. | PART NO. | DESCRIPTION | KEY NO. | PART NO. | DESCRIPTION |
|---------|----------|--|---------|----------|---|
| 1 | 93754 | Roll Pin | 7 | 393805 | Housing Assembly |
| 2 | 391462 | Retainer and Pin (Inc. Key No. 1) | 8 | 390837 | Armature Assembly |
| 3 | 391461 | Drive Assembly (Inc. Key No's 1, 2, 4 & 5) | 9 | 395538 | Brush Assembly |
| 4 | 280104 | Gear | 10 | 395537 | End Cap Assembly - Commutator (Inc. Key No. 9) |
| 5 | 391135 | Clutch Assembly | 11 | 394805 | Motor and Drive Assembly (Inc. Key No's 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 & 12) |
| 6 | 94003 | Thru Bolt Assembly | 12 | 394856 | End Cap Assembly Drive |

SERVICE NOTES

SERVICE NOTES

SERVICE NOTES

Sears

**OWNERS
MANUAL**

MODEL NO.
917.255275

**HOW TO ORDER
REPAIR PARTS**

**10 H.P.
36" RIDING
LAWN TRACTOR
ELECTRIC START**

The Model Number will be found on a plate attached to the Chassis Assembly. Always mention the Model Number when requesting service or repair parts for your Riding Lawn Tractor.

All parts listed herein may be ordered from any Sears Service Center and most Sears stores.

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION.

- THE PART NUMBER
- THE PART DESCRIPTION
- THE MODEL NUMBER
- THE NAME OF MERCHANDISE

If the parts you need are not stocked locally, your order will be electronically transmitted to a Sears Repair Parts Distribution Center for "expedited handling".