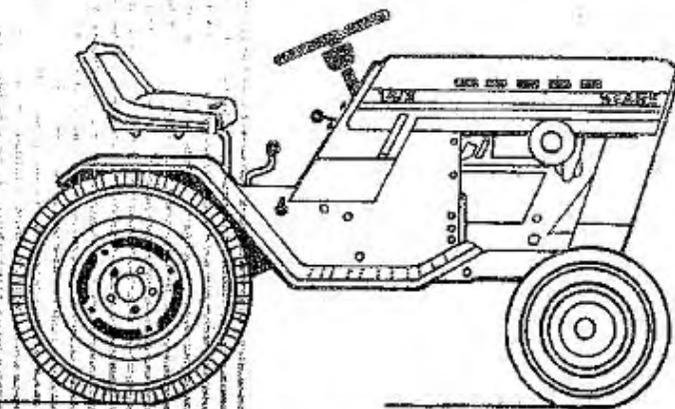


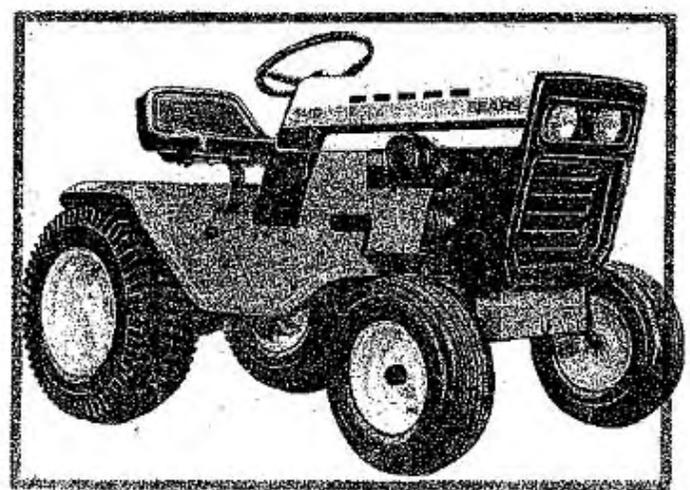
**MODEL NO.
917.25160**



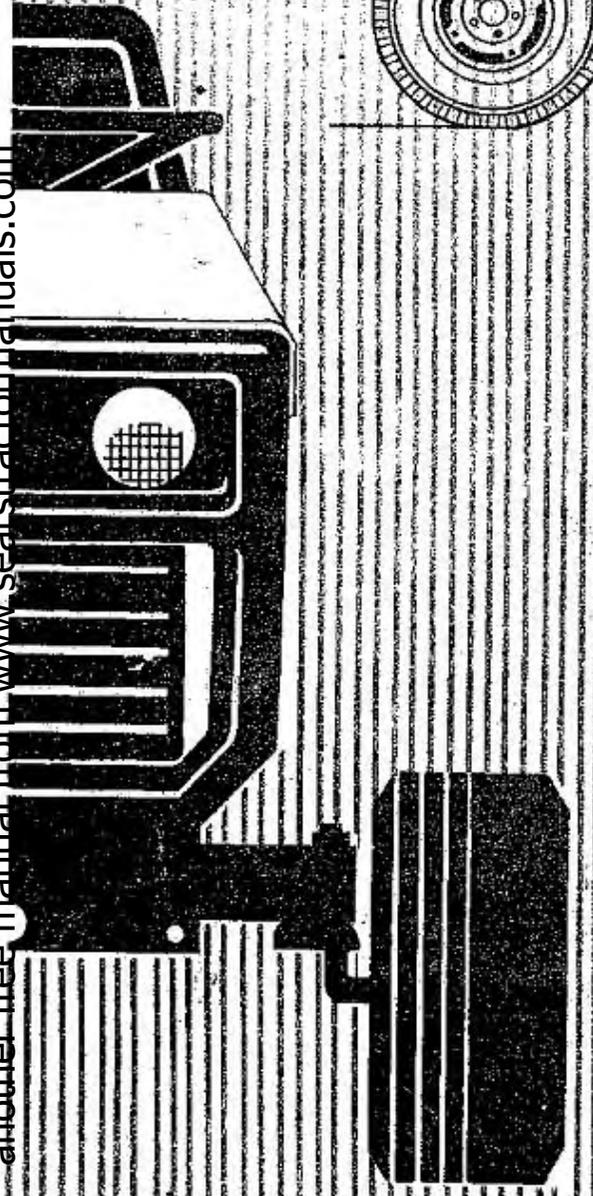
OWNER'S MANUAL

**14/6
GARDEN TRACTOR**

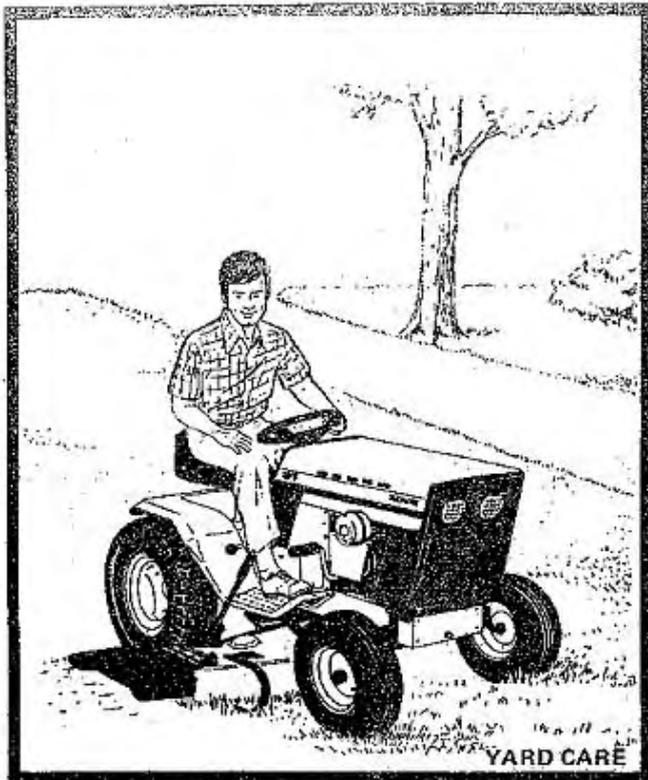
**Assembly Operation
Maintenance Repair Parts**



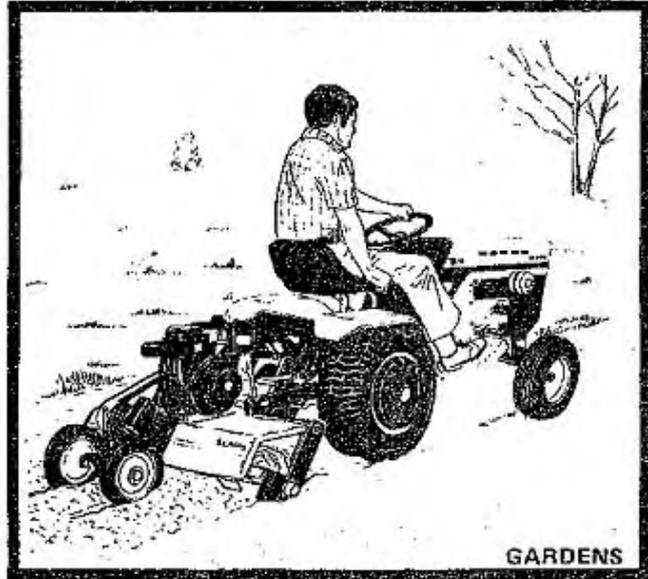
another free manual from www.searstractormanuals.com



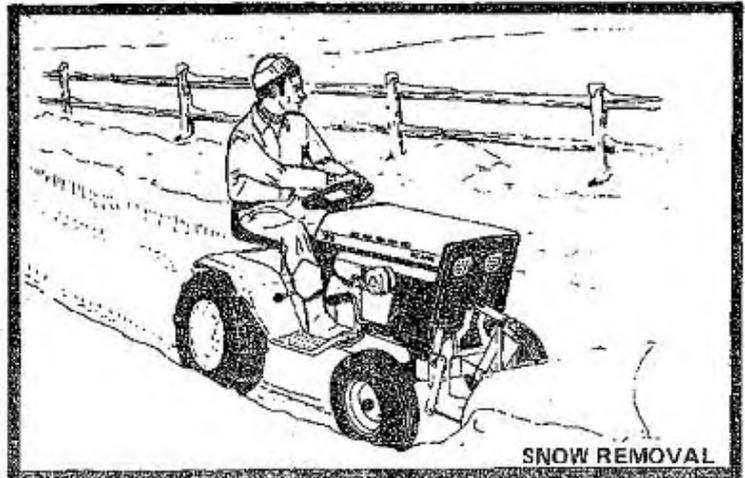
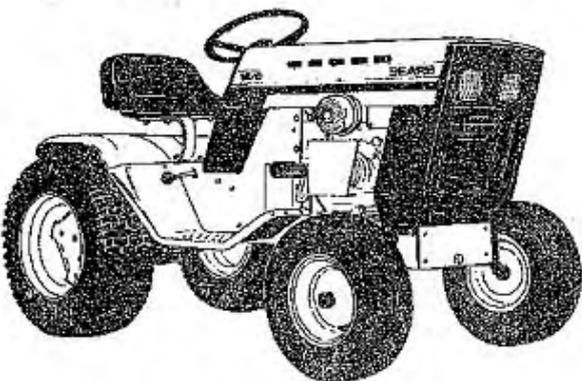
**IMPORTANT!
READ RULES FOR
SAFE OPERATION
AND INSTRUCTIONS
CAREFULLY**



YARD CARE



GARDENS



SNOW REMOVAL

CONGRATULATIONS on your purchase of a Sears 14/6 Garden Tractor. It has been designed, engineered and manufactured to give you dependability and performance. Should you experience any problem you cannot easily remedy, please contact your nearest Sears, Roebuck and Co. or Simpsons Sears Limited store. They have competent, well-trained technicians and the proper tools and parts 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".

YOUR NEW 14/6 GARDEN TRACTOR FEATURES . . .

CRAFTSMAN 14 H.P. ENGINE—cool-running performance and long life with plenty of power to take on a variety of yard, gardening or snow removal tasks.

SAFETY INTERLOCK SYSTEM—allows engine to start only when tractor Clutch-Brake Pedal is depressed and Attachment Clutch Pedal is in "OUT" position.

ALL GEAR TRANSMISSION—six speeds forward, two reverse speeds—to let you select the proper match for the terrain and the job. Auto-type differential helps guard against turf scuffing.

CONTROL PANEL—with Throttle, Choke, Light Switch, Ignition Switch, Ammeter, Parking Brake Lever and Power Assist Lift Switch—conveniently grouped for ease of use.

ATTACHMENT VERSATILITY handles a large variety of Sears Yard and Garden Tractor Attachments including . . .

MANUAL OR POWER ASSIST LIFT,

42 INCH MOWER with three "high-lift" blades to stand grass up for level cuts.

LITTER WHISK LAWN SWEEPER is more efficient than conventional lawn sweepers because of its wheel-less design; only the rotary brush touches the ground.

SELF POWERED ROTO TILLER prepares soil for new lawns and gardens with a 30 to 38 inch wide tilling path. **OTHER SOIL TILLAGE ATTACHMENTS** including Plow, Disc Harrow, Drag Harrow and Cultivator.

CHEVRON TIRES for added traction in loose soil, gravel or snow.

46 INCH DOZER BLADE levels or moves dirt and gravel or removes snow.

TABLE OF CONTENTS

WARRANTY	1	MAINTENANCE INSTRUCTIONS	5
RULES FOR SAFE OPERATION	1	TROUBLE SHOOTING	10
ASSEMBLY INSTRUCTIONS	2	REPAIR PARTS	12
OPERATION INSTRUCTIONS	4		

FULL ONE YEAR WARRANTY ON ELECTRIC START GARDEN TRACTOR

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

If the Garden 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 Garden 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 Garden 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 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

RULES FOR SAFE OPERATION

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. Clear the work area of objects which might be picked up and thrown.
5. Disengage all attachment clutches and shift into neutral before attempting to start the engine.
6. Disengage power to attachments and stop the engine before leaving the operator's position.
7. Disengage power to attachments and stop the engine before making any repairs or adjustments.
8. Disengage power to attachments when transporting or not in use.
9. Take all possible precautions when leaving the vehicle unattended, such as disengaging the power-take-off, lowering the attachments, shifting into neutral, locking the parking brake, stopping the engine, and removing the key.
10. 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.
11. Reduce speed on slopes and make turns gradually to prevent tipping or loss of control. Exercise extreme caution when changing direction on slopes.
12. Stay alert for holes in the terrain and other hidden hazards.
13. 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 counterweights or wheel weights when suggested in attachment owner's manuals.
14. Watch out for traffic when crossing or near roadways.
15. When using any attachments, never direct discharge of material toward bystanders nor allow anyone near the vehicle while in operation.
16. Handle gasoline with care - it is highly flammable.
 - a. Use approved gasoline container.
 - 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.
17. Keep the vehicle and attachments in good operating condition, and keep safety devices in place.
18. Keep all nuts, bolts and screws tight to be sure the equipment is in safe working condition.
19. 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.
20. To reduce fire hazard, keep the engine free of grass, leaves or excessive grease.
21. 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.
22. Do not change the engine governor settings or overspeed the engine.
23. When using the vehicle 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.
24. Check the grass catcher bags frequently for wear or deterioration. Replace with new bag for safety protection.



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

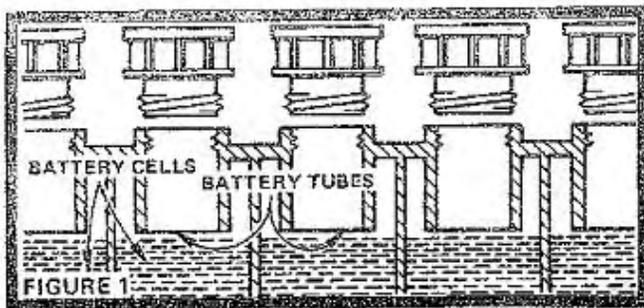


FIGURE 1

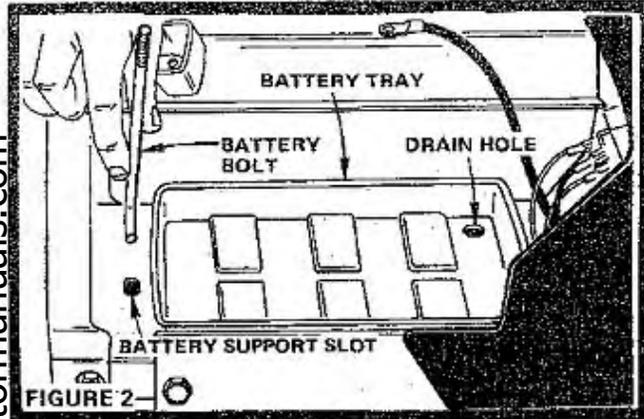


FIGURE 2

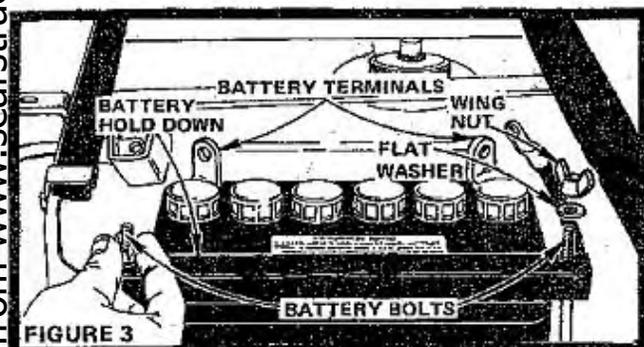


FIGURE 3

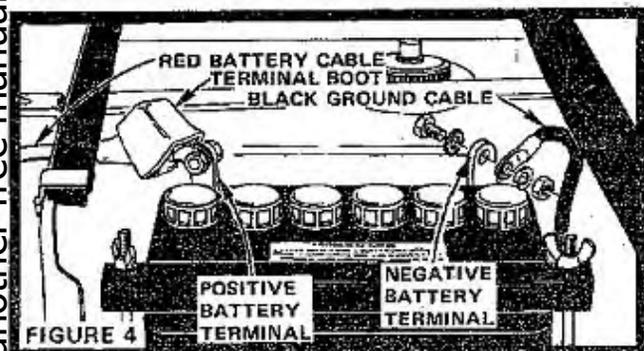


FIGURE 4

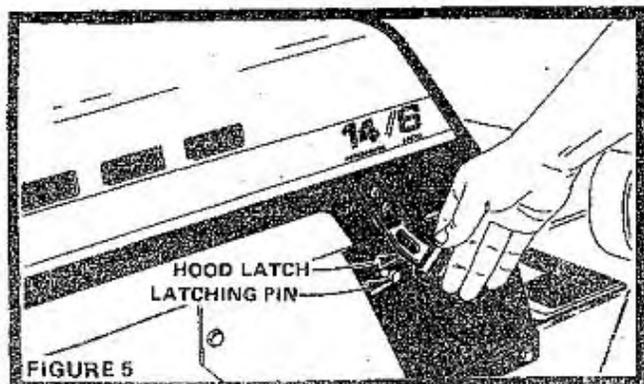


FIGURE 5

To assemble your Tractor you will need:

one 1/2", one 5/8", two 7/16" and one 9/16" Wrenches.

NOTE: Right Hand (R.H.) and Left Hand (L.H.) are determined from operator's position.

ASSEMBLY

1. Remove Shipping Wires, Battery, Steering Wheel and Bag of Parts.
2. Filling and Charging Battery (BEFORE INSTALLING ON TRACTOR):



WEAR EYE AND FACE SHIELD.

- a. Mix electrolyte. NOTE: 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 Battery Bolts, Battery Hold Down, two Flat Washers, and two Wing Nuts found in Bag of Parts.

- a. Remove tape from plastic Battery Tray and move it slightly to the rear to hook one Battery Bolt into slot in the front of the Battery Support (Fig. 2). Return Battery Tray to original position (drain hole to rear).
- b. Place Battery in Battery Tray (Battery Terminals to inside) (Fig. 3).
- c. Fasten Battery to installed Battery Bolt with the Battery Hold Down, Washer and Wing Nut (Fig. 3).
- d. Hook remaining Battery Bolt to rear of Battery Support and fasten Battery Hold Down to it with remaining Flat Washer, and Wing Nut. Tighten Wing Nuts securely (Fig. 3).

4. Connecting Battery Cables using: two Hex Bolts, two Flat Washers, two Lockwashers and two Hex Nuts found in Bag of Parts.

- a. Connect RED Battery Cable to Positive (+) Battery Terminal with Hex Bolt, Flat Washer, Lockwasher and Hex Nut (Fig. 4). Tighten securely. Place Boot over Terminal.



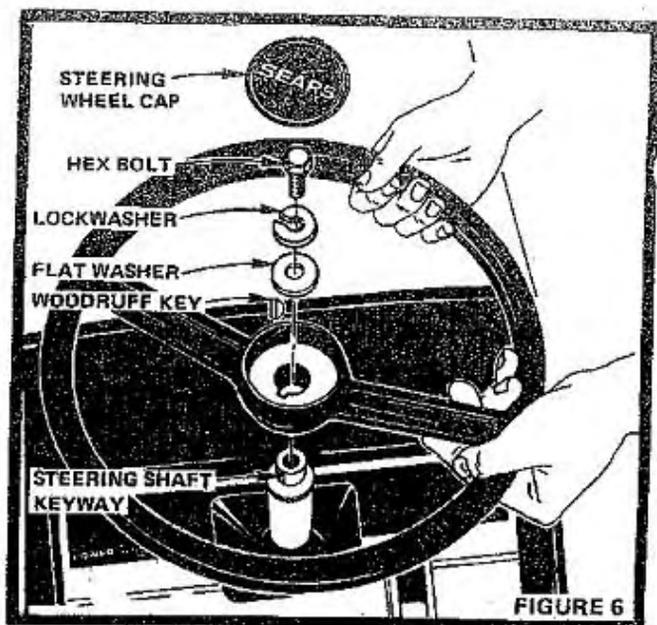
POSITIVE TERMINAL MUST BE CONNECTED FIRST TO PREVENT SPARK FROM ACCIDENTAL GROUNDING.

- b. Connect BLACK Ground Cable to Negative (-) Battery Terminal with remaining Hex Bolt, Flat Washer, Lockwasher, and Hex Nut (Fig. 4). Tighten securely.

5. Close Hood securely by stretching Hood Latches over Latching Pins (Fig. 5).

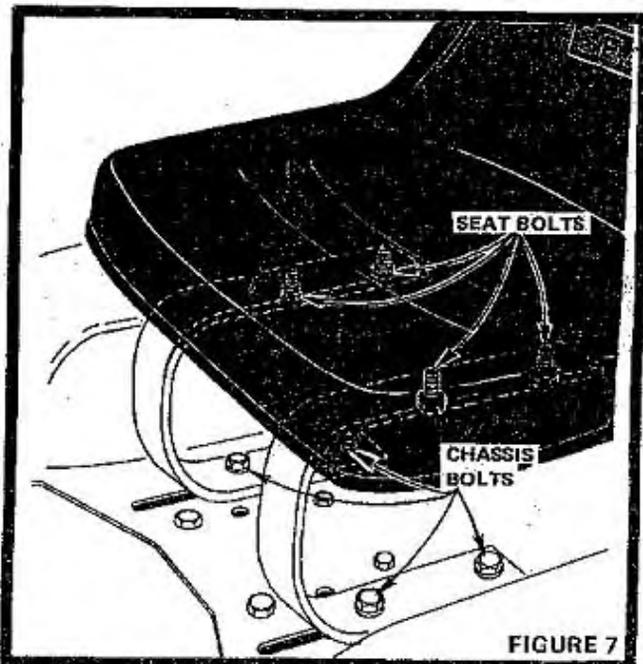
6. Installing Steering Wheel using: Hex Bolt, Lockwasher and Flat Washer assembled on end of Steering Shaft and Woodruff Key and Steering Wheel Cap found in bag of parts.

- a. Remove Hex Bolt, Lockwasher and Flat Washer from Steering Shaft (Fig. 6).
- b. Insert Woodruff Key in Keyway of Steering Shaft and slide Steering Wheel over Shaft and Key. NOTE: BE SURE WOODRUFF KEY IS SECURE IN STEERING SHAFT.
- c. Fasten with Flat Washer, Lockwasher and Hex Bolt (Fig. 6). Tighten securely.
- d. Insert Steering Wheel Cap in place.



INITIAL ADJUSTMENTS

1. Reduce Tire pressure to 12 pounds in front and rear Tires. (Tires were overinflated for shipping purposes).
2. Seat position should be adjusted forward or backward so that operator can comfortably reach foot pedals.
 - a. For maximum adjustment remove Seat Bolts, position Seat with forward or rearward set of holes, and tighten Bolts (Fig. 7).
 - b. For fine adjustment loosen Chassis Bolts, slide Seat to desired position, and tighten Bolts securely (Fig. 7).
3. A spark arrestor muffler is available as an accessory part for your tractor. Check legal requirements in your area.



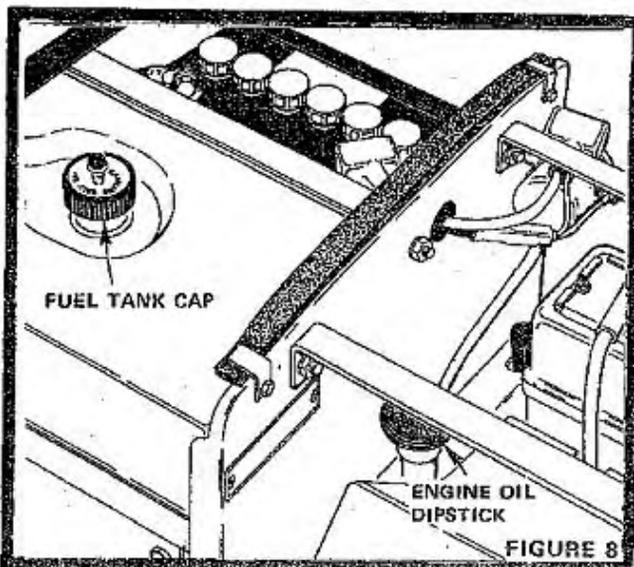
INITIAL SERVICE

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

1. Check Engine Oil Level with Tractor on level ground. Wipe dipstick (Fig. 8) 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 or SE) Oil. In winter (below 32°F.) use S.A.E. 10W30 (SC, SD or SE) or 10W40 (SC, SD or SE). In extreme cold (below 0°F.) use S.A.E. 5W20 (SC, SD or SE). NOTE: DO NOT OVERFILL.
2. Fill Fuel Tank (Fig. 8) with fresh regular grade lead-free or leaded gasoline. Capacity is 7 quarts. NOTE: DO NOT SWITCH FROM LEADED TO LEAD-FREE GASOLINE.



FILL TO BOTTOM OF GAS TANK FILLER NECK. DO NOT OVERFILL. WIPE OFF ANY SPILLED OIL OR FUEL.



OPERATION



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

STARTING THE ENGINE

1. Place Attachment Clutch Pedal in "OUT" position (Fig. 9).
2. Push Clutch-Brake Pedal fully into brake position (Fig. 10).
3. Place Gear Shift Lever in "NEUTRAL", start position (Fig. 11).
4. Pull Choke out (Fig. 12).
5. Move Throttle Control Lever to middle position (Fig. 12).
6. Turn Ignition Key to "START" position until Engine starts (Fig. 12). Release key into "ON" position.
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 to "F" fast position, wait a few minutes, and try again.



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

NOTE: The Power Assist Lift Switch (Fig. 12) raises or lowers rear mounted attachments when used with an Electric Three Point Hitch (optional equipment).

WARMING UP THE ENGINE

Move Throttle Control Lever to "S" slow position. Push Choke in as engine warms up. NOTE: ALLOW ENGINE TO WARM UP FOR A FEW MINUTES BEFORE OPERATING.

When restarting a warm engine, move Throttle Control Lever in middle position, Choke may not have to be used.

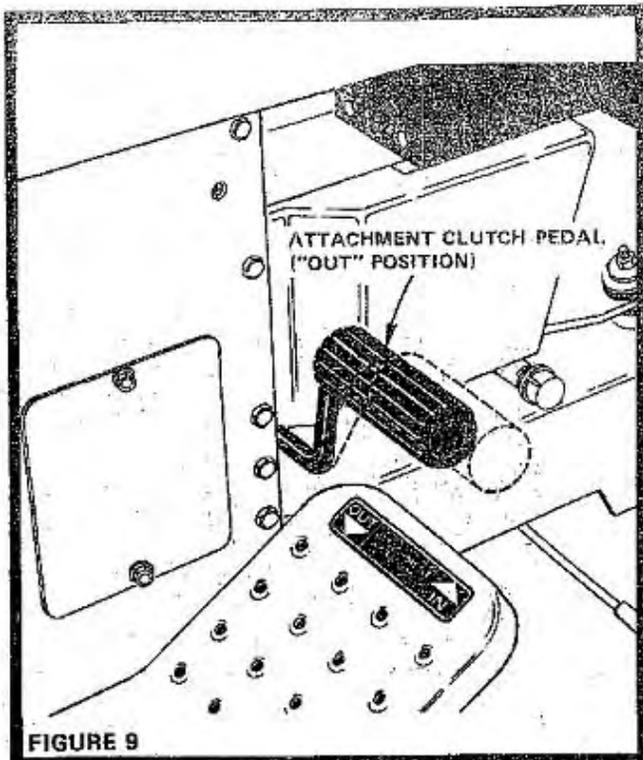


FIGURE 9

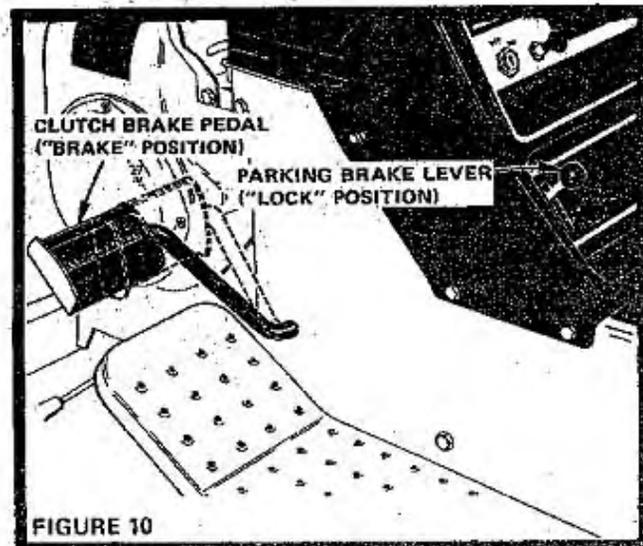


FIGURE 10

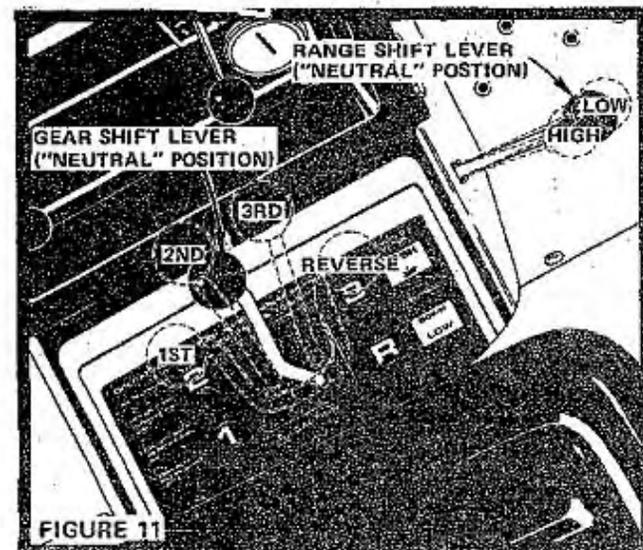


FIGURE 11

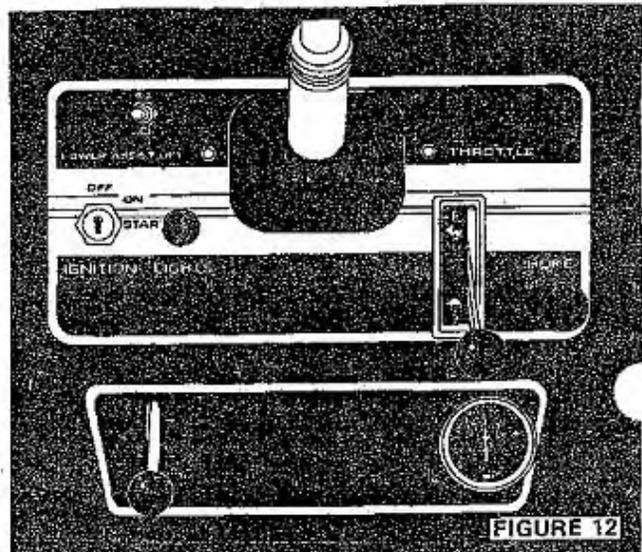


FIGURE 12

TRACTOR OPERATION

1. With engine running and warm, place Throttle Control Lever in middle position.
2. Push Clutch-Brake Pedal down firmly to unlock Parking Brake and hold it in Brake position (Fig. 10).
3. Move Gear Shift Lever to "2ND" and Range Shift Lever to "LOW" (Fig. 11).
4. Release Clutch-Brake Pedal SLOWLY to start forward movement.
5. If ground travel is too slow move Throttle 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.



BRING TRACTOR TO COMPLETE STOP BEFORE SHIFTING GEARS.



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.

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.



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

4. Place Attachment Clutch Pedal in "OUT" position and lower attachment to the ground.
5. Move Throttle Control Lever to "S", slow position.
6. Turn Ignition Key to "OFF" position.



REMOVE KEY WHEN LEAVING TRACTOR TO PREVENT UNAUTHORIZED USE.



MAKE SURE PARKING BRAKE WILL HOLD TRACTOR SECURE.

TRANSPORTING YOUR TRACTOR

For pushing or towing your tractor, place Gear Shift Lever and Range Shift Lever in neutral position (Fig. 11). NOTE: DO NOT TOW YOUR TRACTOR FASTER THAN SIX MILES PER HOUR.

TRACTOR OPERATION ON HILLS

1. Choose one of the lowest gears 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 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 your tractor, make sure tractor is in the lowest speed range and that you have allowed room to roll slightly downhill. 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.

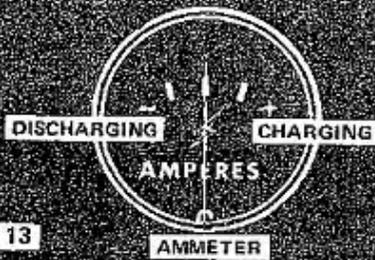


FIGURE 13

AMMETER

MAINTENANCE

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

Each time you start your tractor, check your Ammeter (F-13). The needle should move towards the + (charging) ma indicating the battery is being charged as you operate the tractor.



DISCONNECT SPARK PLUG WIRE (FIG. 15) TO PREVENT ACCIDENTAL STARTING BEFORE MAKING ANY INSPECTION, ADJUSTMENT (EXCEPT CARBURATOR) OR REPAIR.

FIRST 2 HOURS:

1. CHECK V-BELT TENSION

A new V-Belt may stretch after the first few hours of operation.

- Remove Belt Guard and Access Cover (Fig. 14).
- Measure the distance between the center of the idler and Tractor Frame. The recommended measurement is 7". If this measurement has reached 7 - 1/2" V-Belt must be retensioned.
- Place Clutch-Brake Pedal into V-Belt adjusting position by partially depressing Clutch-Brake Pedal while holding Parking Brake Lever in "LOCK" position. Release Clutch-Brake Pedal (which will return to near drive position).
- Loosen Flat Idler Bolts, reach into access hole, pull Flat Idler down until V-Belt is snug and hold in this position while retightening Flat Idler Bolts.
- Recheck Idler to Tractor Frame measurement. It should be at seven (7) inches within an eighth of an inch.
- Reposition Access Cover and Belt Guard.

NOTE: FOR LONGER V-BELT LIFE, ALWAYS KEEP BELT TENSIONED PROPERLY, START TRACTOR MOVEMENT WITH THROTTLE CONTROL IN MIDDLE POSITION, AND ALWAYS REPLACE WITH SEARS V-BELTS.

2. 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.

- Drain Oil with Engine warm. Unscrew Oil Drain Cap (Fig. 15) and catch Oil in a suitable container. Replace Cap.
- Refill Engine Oil (Fig. 15). In summer use S.A.E. 30 (SC, SD or SE) Oil. In winter (below 32°F.) use S.A.E. 10W30 (SC, SD or SE) or 10W40 (SC, SD or SE). In extreme cold (below 0°F.) use S.A.E. 5W20 (SC, SD or SE). Refill capacity is 2 - 7/8 pints. **NOTE: DO NOT OVERFILL.**

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 9.
- Keep Battery bolts tight.
- Keep Vent Caps tight and small vent holes in caps open.
- Recharge **SLOWLY** at 3 amperes if specific gravity of electrolyte falls below 1.225.

2. CHECK TIRE PRESSURE

Tire pressure in front and rear Tires should be 12 pounds.

3. CLEAN AIR SCREEN

Air Screen (Fig. 17) must be kept free of dirt and chaff to prevent Engine damage from overheating.

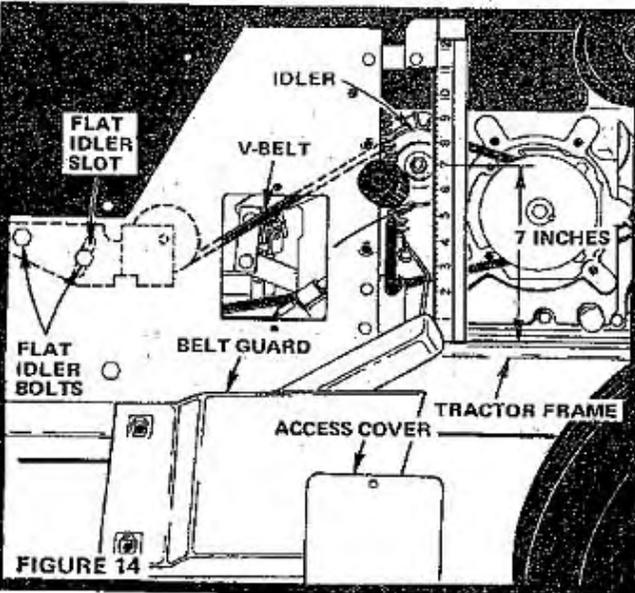


FIGURE 14

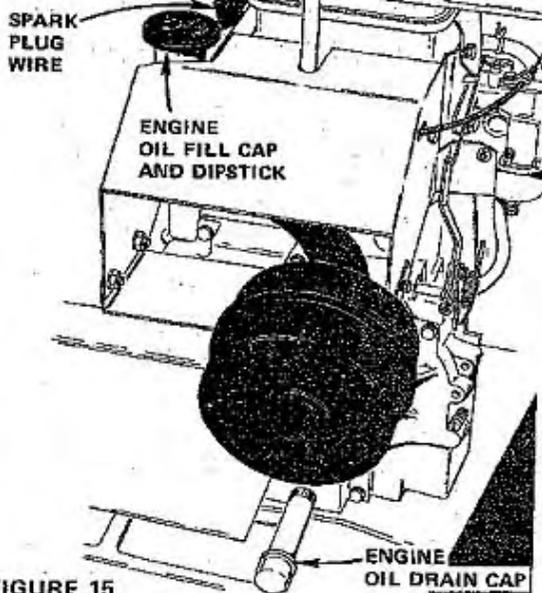


FIGURE 15

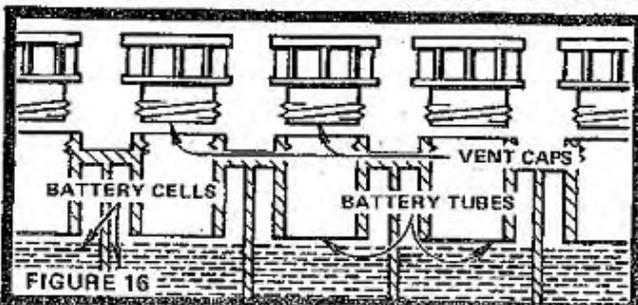


FIGURE 16

4. CHECK BRAKE OPERATION



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

- Use Parking Brake Lever to place Clutch-Brake Pedal in "LOCK" position.
- Loosen Jam Nut (Fig. 18) to rear of Turnbuckle.
- Torque Turnbuckle to 65 to 70 foot pounds. (This will also place Parking Brake into proper adjustment).
- Retighten Jam Nut.

EVERY 5 HOURS:

1. 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. Wipe Dipstick clean, screw it down 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 or SE) Oil. In winter (below 32°F.) use S.A.E. 10W30 (SC, SD or SE) or 10W40 (SC, SD or SE). In extreme cold (below 0°F.) use S.A.E. 5W20 (SC, SD or SE). NOTE: DO NOT OVER-FILL.

2. LUBRICATE STEERING & FRONT WHEELS

Use a Grease Gun with Extreme Pressure Lubricating Grease Amdex No. 1 (available at your local Sears Service Center) for the six Grease Fittings on the underside of your tractor. (Fig. 19).

- Grease the two wheel fittings until grease squeezes out around the hubs and then wipe hubs clean.
- Two shots will adequately grease the other four underside fittings.

3. OIL PIVOT POINTS

Place several drops of S.A.E. 30 Oil at points where parts move against each other, especially:

- Clutch-Brake Shaft.
- Attachment Clutch Shaft.
- Front Axle Pivot.

EVERY 25 HOURS:

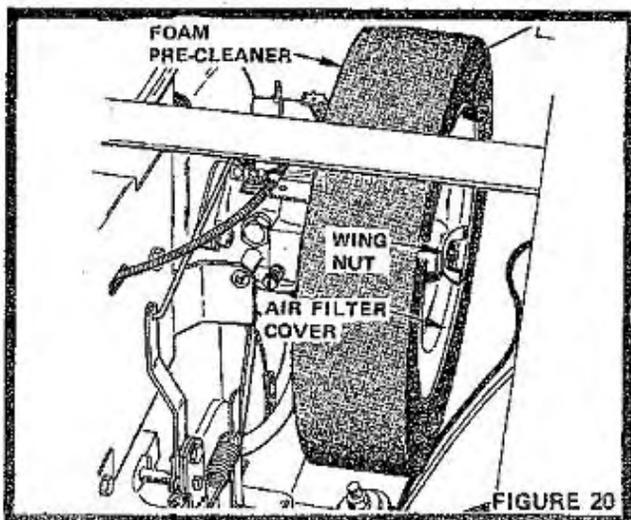
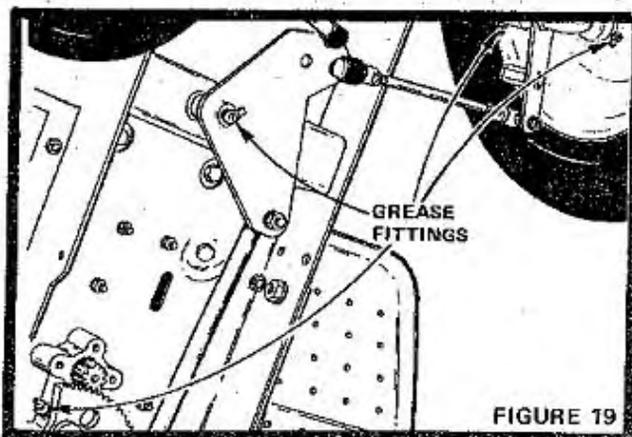
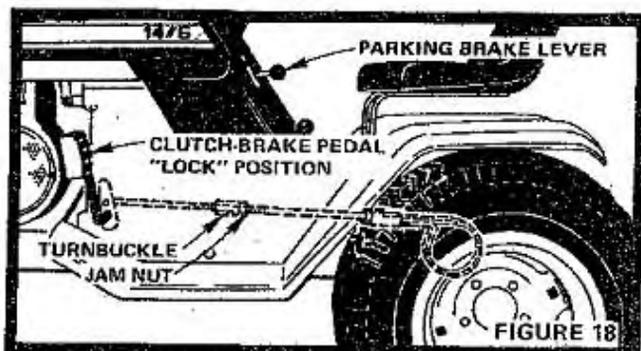
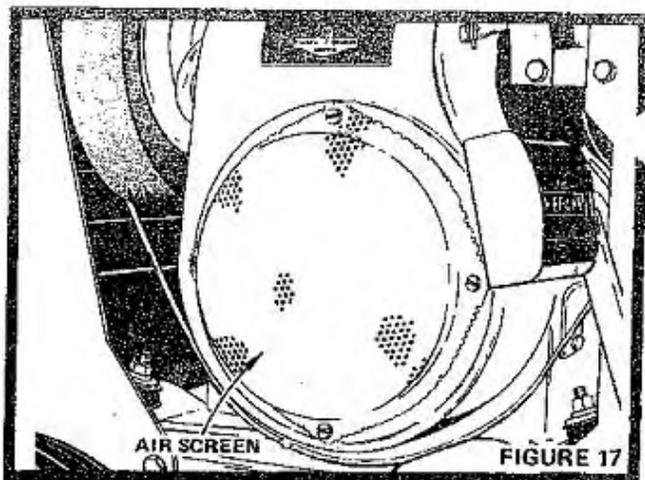
(EVERY 15 HOURS IF OPERATING IN VERY DUSTY CONDITIONS).

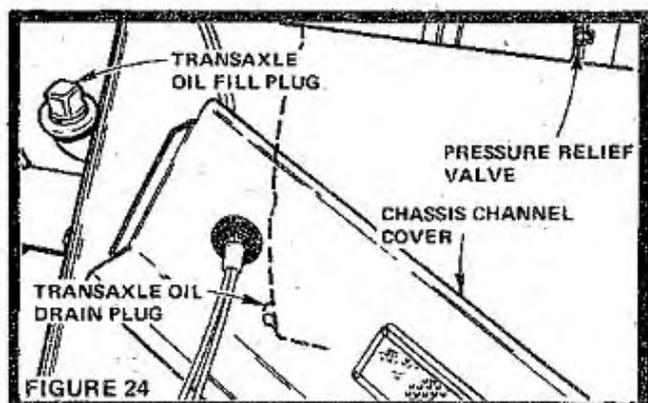
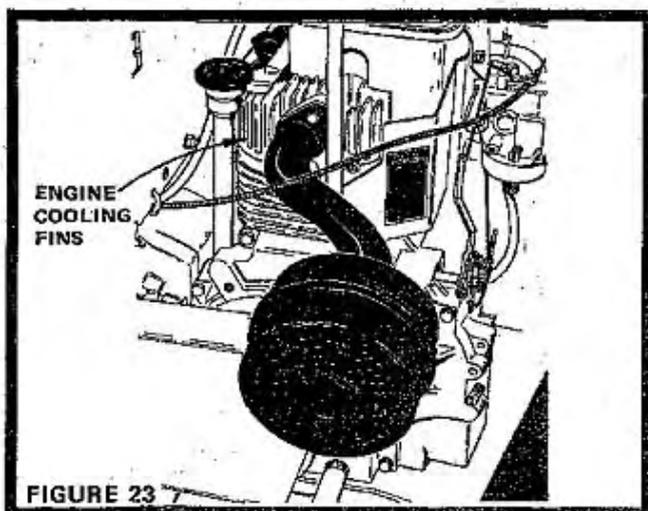
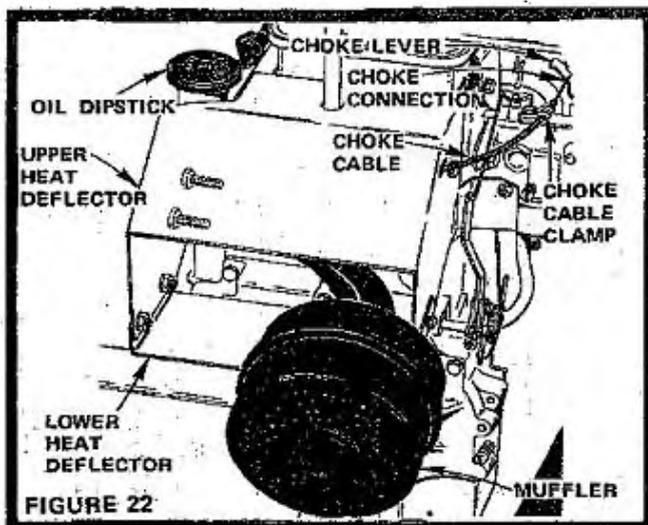
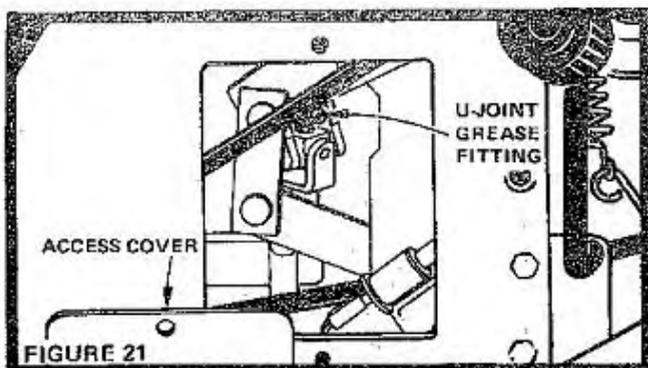
1. CLEAN AIR FILTER & FOAM PRE-CLEANER

- Unscrew Wing Nut (Fig. 20) to remove Air Filter Cover Paper Air Filter Element and Foam Pre-Cleaner.
- Clean dust from Paper Air Filter Element by gently tapping Element on a flat surface.
- Wash Foam Pre-Cleaner in detergent and water.
- Rinse, squeeze (rather than twist) and allow to dry thoroughly.
- Coat with three tablespoons of S.A.E. 30 Engine Oil, knead to distribute evenly, and squeeze out excess.
- Check Paper Air Filter Element. Replace if excessively dirty.
- Re-Assemble Air Filter and re-position on Tractor. 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 6.





EVERY 50 HOURS:

1. LUBRICATE STEERING U-JOINT

- Remove Access Cover (Fig. 21).
- Rotate Steering Wheel so that U-Joint Grease Fitting is exposed.
- Using a Grease Gun, give Fitting two shots of Extreme Pressure Lubricating Grease Amdex No. 1 (available at your Sears Service Center).

2. CLEAN ENGINE COOLING FINS

Keep Engine Cooling Fins (Fig. 23) free of dust, dirt and oil to prevent Engine damage from overheating.

- Loosen Choke Cable Clamp and disconnect Choke Connection (Fig. 22).
- Remove four Bolts to remove Lower Heat Deflector (Fig. 22).
- Remove two front Screws and rear Bolt to remove Upper Heat Deflector (Fig. 22).
- Clean Engine Cooling Fins with a stiff bristled brush or compressed air (Fig. 23).
- Reassemble Upper Heat Deflector with Choke Cable, tighten fasteners and Lower Heat Deflector and tighten Bolts (Fig. 22).
- Reconnect Choke Connection in middle hole of Choke Lever and clip Choke Cable under Clamp (Fig. 22).
- With Choke fully depressed, push Cable through Clamp as far as it will go towards Choke Connection and tighten Clamp (Fig. 22).

3. CHECK TRANSAXLE OIL LEVEL

- Remove Fill Plug (Fig. 24) from Transaxle Oil Fill (above L.H. rear axle). Oil level should be even with Oil Fill threads. Add S.A.E. 30 Motor Oil if necessary.
- Remove Chassis Channel Cover to check Pressure Relief Valve (above R.H. rear axle) (Fig. 24). It should spring completely closed when pulled out by hand and released.

EVERY 100 HOURS:

1. CLEAN SPARK PLUG AND RESET GAP

Wire brush carbon deposits from Spark Plug Electrode and reset gap at .030 inch. (Fig. 25). Replace Spark Plug if it shows signs of fouling or electrode erosion.

2. LUBRICATE BALL JOINTS

- Move Rubber Boots to expose Ball Joints on Tie Rods and Steering Link (Fig. 26).
- Coat Ball Joints with Silicone Spray Lubricant.
- Reposition Rubber Boots.

EVERY 200 HOURS:

REPLACE PAPER AIR FILTER ELEMENT

Refer to page 7.

EVERY 480 HOURS:

CHANGE TRANSAXLE OIL

- Drain Transaxle Oil by removing Drain Plug (Fig. 24) and catching Oil in suitable container. Replace Drain Plug Refill Transaxle with S.A.E. 30 Motor Oil. Capacity is 5 quarts. Pressure Relief Valve (opposite of oil fill side of Transaxle) may be held open to allow Transaxle to fill more quickly.
- Check Pressure Relief Valve. It should spring completely closed when pulled out by hand and released.

AS NEEDED:

1. TOE-IN ADJUSTMENT

1. If any parts in Front Axle or Tie Rods are being replaced, Tie Rod adjustment is required.
 - a. Loosen Jam Nuts (Fig. 26) at each end of Tie Rod Adjustment Sleeves.
 - b. Adjust both Tie Rods so that Tie Rod Joints measure from 10 - 1/4 to 10 - 3/8 inches from studs center to center.
 - c. Tighten Jam Nuts, making sure Tie Rod Joints are parallel (180°) to each other. This adjustment assures proper Front Wheel Toe-In and Steering Operation.

2. CARBURETOR ADJUSTMENT

If Engine lacks power or does not idle properly, the Carburetor may need adjustment.

- a. Main Fuel (High Speed) Screw (Fig. 27) should not require adjustment. If resetting is necessary, turn clockwise, closing finger tight ONLY, then turn counterclockwise 1 - 1/2 turn.
- b. Turn Idle Adjusting Needle (Fig. 27) clockwise, closing finger tight ONLY, and then turn counterclockwise 1 - 3/8 turns.
- c. Start Engine and allow to warm for five minutes.
- d. Make final adjustments with Engine running (Throttle Control in "F", fast position) and Gear Shift Lever in Neutral position.
 - Turn Idle Adjusting Needle 1/8 turn at a time, counterclockwise until Engine runs "rough" then clockwise until Engine begins to miss. Return Screw to a point midway between these extremes. NOTE: Allow several seconds between each adjustment so engine may react to each setting.
 - Throttle Stop Screw (Fig. 27) should not require adjustment. If resetting is necessary, set to obtain the slowest engine speed at idle (Throttle Control in "S", slow position) that will allow smooth acceleration.

3. RE-TENSION V-BELT

Occasionally it may be necessary to re-tension V-Belt. (See page 6).

4. CLEAN BATTERY AND TERMINALS

Corrosion and dirt on the Battery and Terminals cause the Battery to "leak" power and hinders the operation of the charger.

- a. Remove the Battery from the Tractor and wash 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.
- b. Clean terminals with a wire brush until bright. Replace Battery Cables. Coat terminal connections with Vasoline.

5. TIRE CARE

- a. Maintain tire pressure in front and rear tires at 12 pounds.
- b. Keep tires free of gasoline, oil, or insect control chemicals which can destroy rubber.
- c. Avoid stumps, stones, deep ruts and other hazards that may cause tire damage.
- d. Removing front wheel for tire repair (Fig. 28).
 - Block up front axle securely or use a Sears Tractor Jack.
 - Remove Dust Cap, E-Ring and Washer to allow wheel removal.
 - Repair tire and reassemble. Replace Washer, snap E-Ring securely in axle groove and reposition Dust Cap.
- e. Removing rear wheel for tire repair (Fig. 29).
 - Block up rear axle securely or use a Sears Tractor Jack.
 - Remove E-Ring to allow wheel removal.
 - Repair tire and reassemble. Snap E-Ring securely in axle groove.

6. FINISH

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

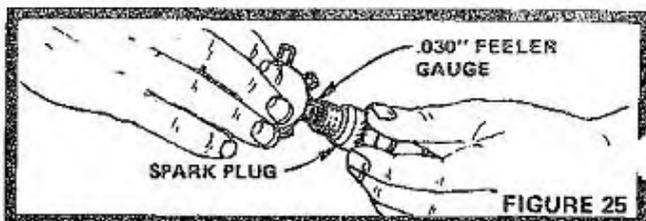


FIGURE 25

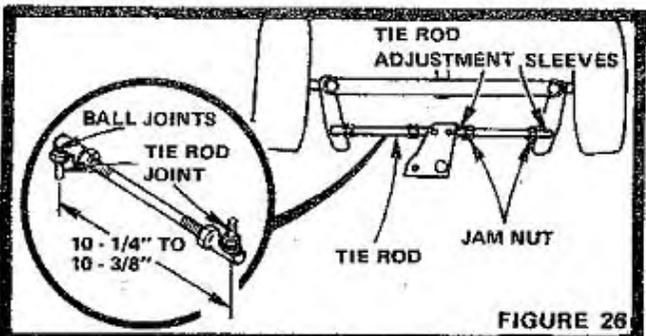


FIGURE 26

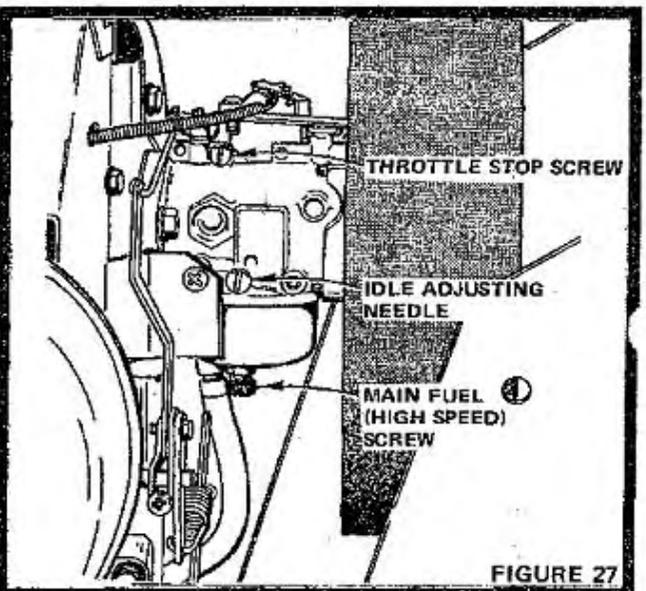


FIGURE 27

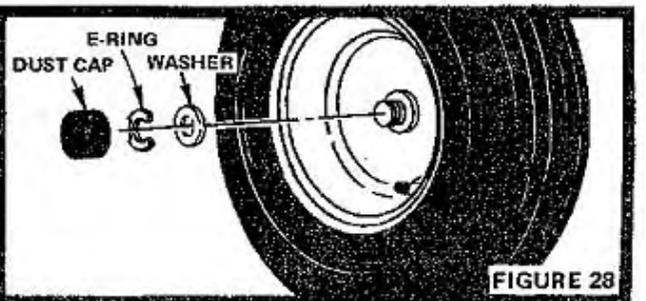


FIGURE 28

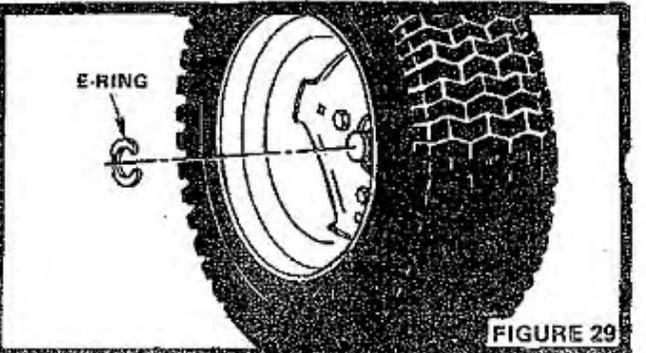


FIGURE 29

TROUBLE SHOOTING

POSSIBLE CAUSE

POSSIBLE REMEDY

WILL NOT START

Clutch-Brake Pedal in drive position
Attachment Clutch Pedal in "IN" position
No gasoline in Fuel Tank or clogged Fuel Line
Blown Fuse
Dead Battery

Push Pedal into brake position
Move Pedal to "OUT" position
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

Push Choke in, place Throttle Control in fast position and run starter several times to clear out gas
Remove and clean
Remove and clean
Clean, adjust gap or replace
Recharge or replace
Check the wiring and Spark Plug
Drain Fuel Tank and Carburetor, use fresh fuel and clean Spark Plug
Make necessary adjustments

ENGINE MISSES OR LACKS POWER

Engine overload
Clogged Fuel Tank
Partially plugged Air Cleaner
Improper Carburetor adjustment
Dirty 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 or reduce load
Remove and clean
Remove and clean
Make necessary adjustments
Clean Air Screen and Cylinder Fins
Add or change oil
Clean, reset gap or replace
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
Add or change oil
Clean Cylinder Fins
Remove and clean Muffler
Remove and clean
Use fresh fuel and adjust Carburetor

NO LIGHTS

No Headlights with Light Switch Knob pulled out

Check Light Fuse under dash and wire connections.
Replace Sealed Beam Headlights

WON'T CHARGE

Blown Fuse
Defective Battery

Check for fault and replace
Replace

STORAGE

1. ENGINE OIL

Drain (with engine warm) and replace with clean engine oil. Refer to page 6.

2. FUEL SYSTEM

- 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.
- Dispose of gasoline if not to be used. NOTE: GASOLINE STORED FOR SEVERAL MONTHS LOSES ITS VOLATILITY (ABILITY TO BURN EFFECTIVELY).

3. CYLINDER

- Remove Spark Plug.
- Pour one ounce of oil through spark plug hole into cylinder.
- Turn ignition key to "START" position for a few seconds to distribute oil.
- Replace Spark Plug.

4. BATTERY

- Remove battery if tractor is not used regularly during winter months. Store in cool, dry place (above 50°F). NOTE: DO NOT STORE BATTERY DIRECTLY ON CONCRETE SURFACE.
- Check electrolyte charge each month and recharge if below 1.225 specific gravity. 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, etc. of all foreign matter.

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
EVERY 480 HOURS

SERVICE DATES

	FREQUENTLY	EVERY 5 HOURS	EVERY 25 HOURS	EVERY 50 HOURS	EVERY 100 HOURS	EVERY 200 HOURS	EVERY 480 HOURS	SERVICE DATES																
Check Engine Oil Level		✓																						
Change Engine Oil			✓																					
Oil Pivot Points		✓																						
Lubricate Front Wheels		✓																						
Check Transaxle Oil Level				✓																				
Change Transaxle Oil											✓													
Clean Air Screen	✓											✓												
Clean Air Filter & Foam Pre-Cleaner				✓																				
Replace Paper Air Filter Element												✓												
Clean Engine Cooling Fins				✓																				
Clean Spark Plug & Reset Gap												✓												
Check Battery Levels	✓	✓																						
Check Tire Pressure	✓	✓																						
Check Brake Operation	✓	✓																						
Lubricate Steering U-Joint				✓																				
Lubricate Ball Joints												✓												

another free manual from www.seartractormanuals.com

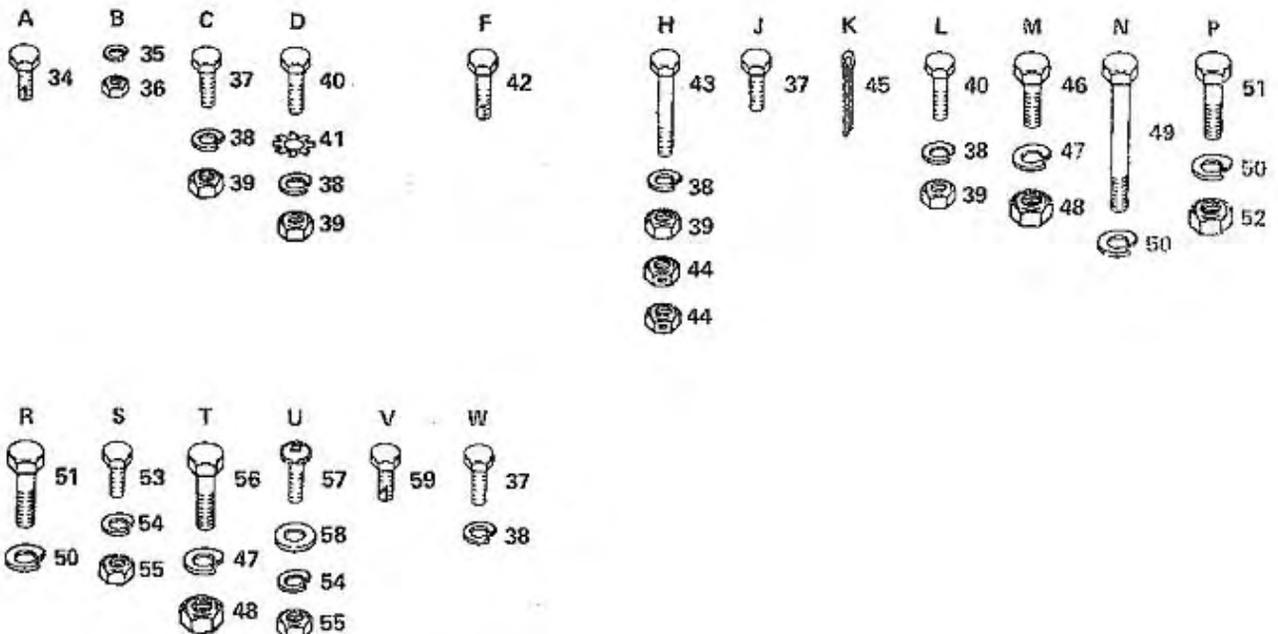
REPAIR PARTS

14/6 GARDEN TRACTOR—MODEL NUMBER 917.25160

CHASSIS, FENDER & DASHBOARD

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	8855R	Battery Tray	34	5599P	Hex Head Thread Cutting Screw 1/4 - 20 UNC x 1/2 Type 23
2	8797R	Tank & Battery Support	35	STD551110	*Lockwasher No. 10
3	8753R	Hood Latch Pin	36	STD541010	*Hex Nut No. 10 - 24 UNC
4	8792R	Tank & Battery Support Brace	37	STD523106	*Hex Bolt 5/16 - 18 UNC x 5/8
5	8808R	Chassis Channel	38	STD551131	*Lockwasher 5/16
6	8791R	Engine Pulley Cover	39	STD541031	*Hex Nut 5/16 - 18 UNC
7	8915R	Nut Retainer	40	STD523107	*Hex Bolt 5/16 - 18 UNC x 3/4
8	9800R	Channel Access Cover	41	STD551231	*Ext. Tooth Lockwasher 5/16
9	6364H	Control Knob	42	5503P	Hex Head Thread Cutting Screw 5/16 - 18 UNC x 3/4 Type 23
10	8756R	Range Shift Rod	43	STD523115	*Hex Bolt 5/16 - 18 UNC x 1 - 1/2
11	8819R	Range Shift Rod Bracket	44	1685H	Locknut 5/16
12	8900R	Decal - Attachment Clutch	45	STD561820	*Cotter Pin 3/16 x 1
13	8640R	Foot Rest - R.H.	46	STD523707	*Hex Bolt 3/8 - 16 UNC x 7/8
14	673A37	Suspension Arm Bracket Weldment - R.H.	47	STD551137	*Lockwasher 3/8
15	2751R	Clip - Fuel Line	48	STD541037	*Hex Nut 3/8 - 16 UNC
16	8825R	Transaxle Bracket	49	3155P	Hex Bolt 7/16 - 14 UNC x 2 - 1/4
17	8774R	Seat Spring Lock Plate	50	STD551143	*Lockwasher 7/16
18	9248R	Transaxle Spacer	51	3034P	Hex Bolt 7/16 - 14 UNC x 1
19	673A95	Drawbar Assembly	52	STD541043	*Hex Nut 7/16 - 14 UNC
20	5012R	Reflector	53	STD522505	*Hex Bolt 1/4 - 20 UNC x 1/2
21	8782R	Chassis Channel Cover	54	STD551125	*Lockwasher 1/4
22	3807R	Universal Bushing	55	STD541025	*Hex Nut 1/4 - 20 UNC
23	673A38	Suspension Arm Bracket Weldment - L.H.	56	STD523710	*Hex Bolt 3/8 - 16 UNC x 1
24	8898R	Decal Shift Pattern	57	STD512507	Phillips Truss Head Machine Screw 1/4 - 20 UNC x 3/4
25	8641R	Foot Rest - L.H.	58	STD551025	*Washer 9/32 x 5/8 x 16 Ga.
26	8509R	Fender	59	5600P	Hex Head Thread Cutting Screw 5/16 - 18 UNC x 1/2 Type 23
27	8768R	Seat Spring		9553R	Warranty Decal
28	8884R	Seat		8919R	Owners Manual
29	8897R	Decal - Lower Dashboard			
30	8895R	Decal - Upper Dashboard			
31	8622R	Dashboard			
32	9038R	Bearing			
33	673A66	Steering Bracket & Bearing (Inc. Key No. 32)			

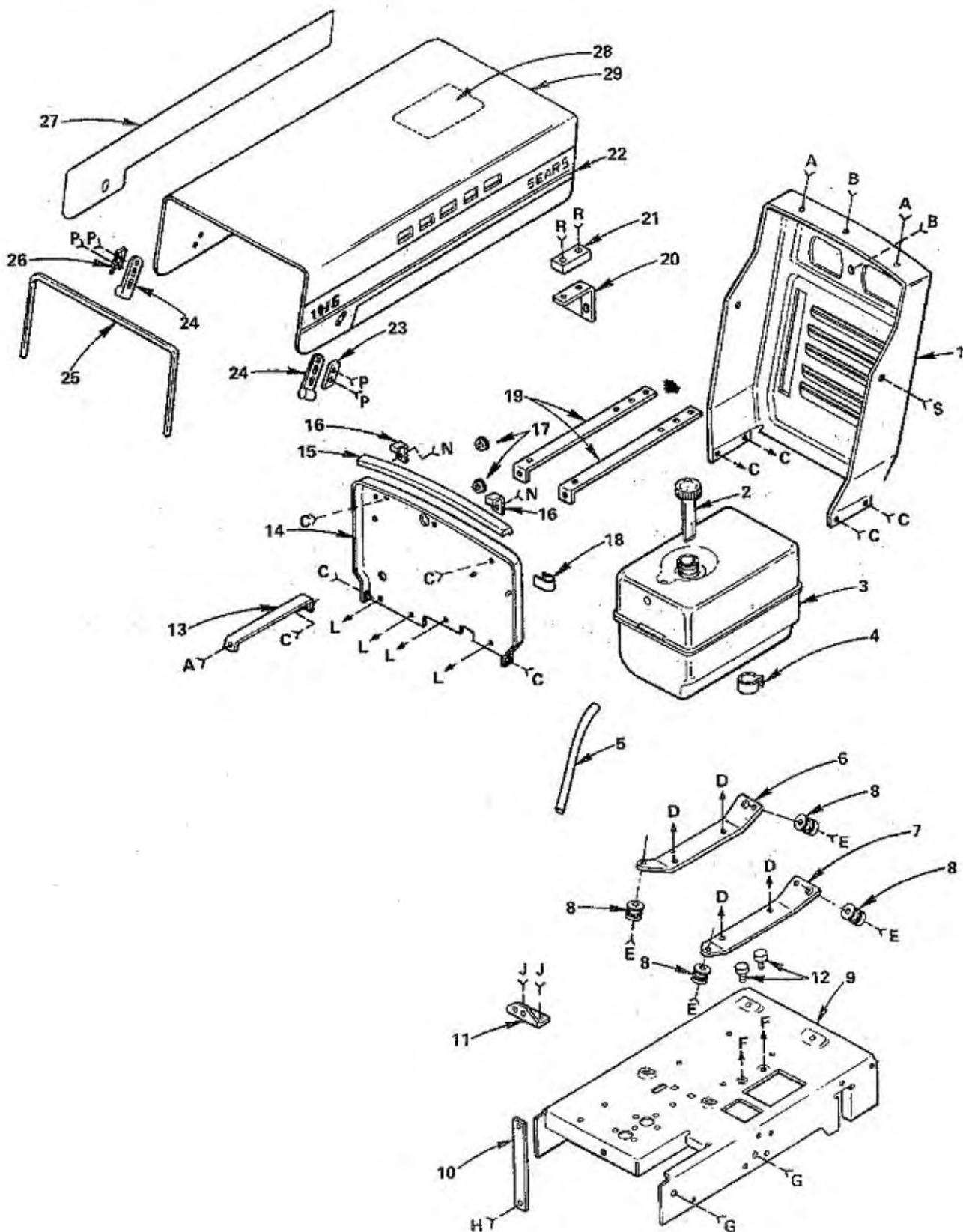
*STANDARD HARDWARE—PURCHASE LOCALLY



REPAIR PARTS

14/6 GARDEN TRACTOR--MODEL NUMBER 917.25160

ENGINE MOUNT, HOOD & GRILL



another free manual from www.searstractormanuals.com

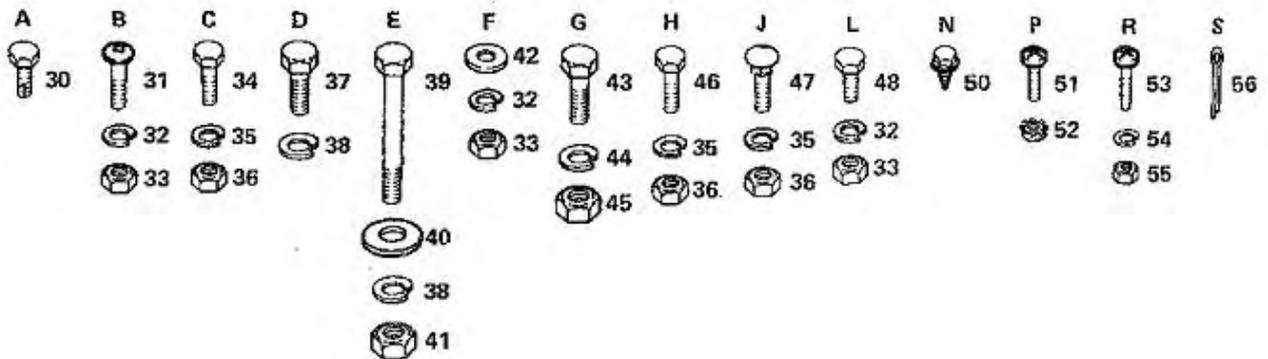
REPAIR PARTS

14/6 GARDEN TRACTOR--MODEL NUMBER 917.25160

ENGINE MOUNT, HOOD & GRILL

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	8656R	Grill	32	STD551125	*Lockwasher 1/4
2	8869R	Fuel Gauge	33	STD541025	*Hex Nut 1/4 - 20 UNC
3	8867R	Fuel Tank	34	STD523106	*Hex Bolt 5/16 - 18 UNC x 5/8
4	9877R	Hose Clamp	35	STD551131	*Lockwasher 5/16
5	9806R	Fuel Line - Overflow	36	STD541031	*Hex Nut 5/16 - 18 UNC
6	9306R	Engine Isolator Mounting Bracket - L.H.	37	STD523707	*Hex Bolt 3/8 - 16 UNC x 7/8
7	9305R	Engine Isolator Mounting Bracket - R.H.	38	STD551137	*Lockwasher 3/8
8	673A124	Iso-Mount Ass'y.	39	STD523722	*Hex Bolt 3/8 - 16 UNC x 2 - 1/4
9	673A40	Engine Base Weldment	40	1589P	Washer 13/32 x 1 - 1/4 x 12 Ga.
10	8818R	Engine Base Brace	41	STD541037	*Hex Nut 3/8 - 16 UNC
11	9280R	Safety Switch Bracket	42	STD551025	*Washer 9/32 x 5/8 x 16 Ga.
12	9304R	Snubber Mount	43	3034P	Hex Bolt 7/16 - 14 UNC x 1
13	8780R	Dashboard Brace	44	STD551143	*Lockwasher 7/16
14	8784R	Heat Shield	45	STD541043	*Hex Nut 7/16 - 14 UNC
15	8936R	Sealing Strip	46	STD523107	*Hex Bolt 5/16 - 18 UNC x 3/4
16	8934R	Sealing Strip Clamp	47	STD533107	Sq. Neck Carriage Bolt 5/16 - 18 UNC x 3/4
17	9151R	Snap Bushing	48	STD522505	*Hex Bolt 1/4 - 20 UNC x 1/2
18	4171R	Insulated Clip	50	5601P	Hex Head Sheet Metal Screw No. 10 x 3/8 Type AB
19	8781R	Grill Brace	51	STD551005	*Phillips Pan Head Machine Screw No. 10 - 24 UNC x 1/2
20	8933R	Grill Bracket	52	561P	Locknut No. 10 - 24 UNC
21	9042R	Rubber Bumper	53	3067P	Phillips Pan Head Machine Screw No. 10 - 24 UNC x 3/4
22	9421R	Decal - Hood R.H.	54	STD551110	*Lockwasher No. 10
23	8935R	Hood Latch Cover - R.H.	55	STD541010	*Hex Nut No. 10 - 24 UNC
24	8889R	Hood Latch	56	STD560907	*Cotter Pin 3/32 x 3/4
25	8937R	Hood Strip			
26	9015R	Hood Latch Cover - L.H.			
27	9420R	Decal - Hood L.H.			
28	8028R	Decal - Maintenance			
29	673A29	Hood Ass'y.			
30	5600P	Hex Head Thread Cutting Screw 5/16 - 18 UNC x 1/2 Type 23			
31	STD512507	*Phillips Truss Head Machine Screw 1/4 - 20 UNC x 3/4			

*STANDARD HARDWARE--PURCHASE LOCALLY

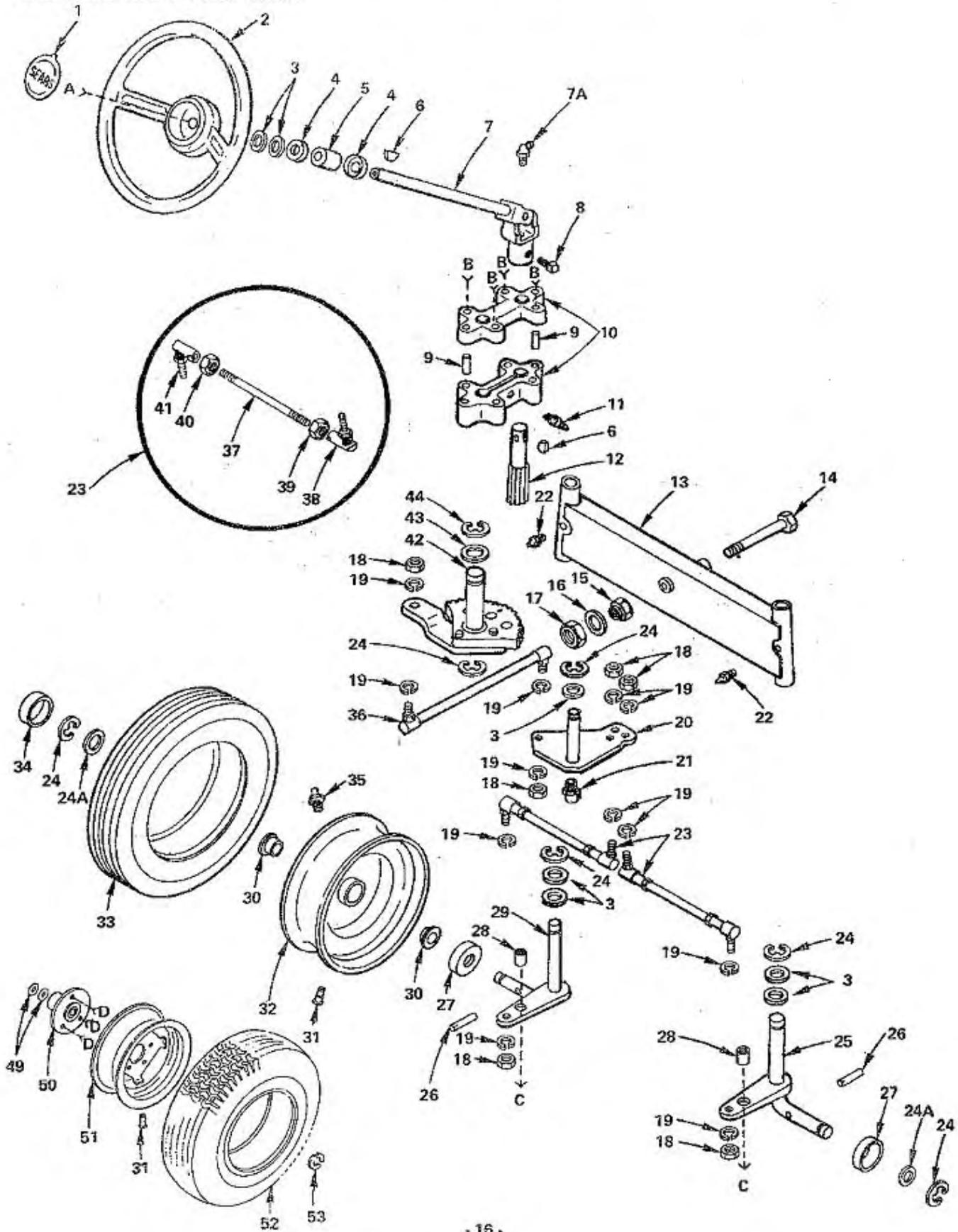


another free manual from www.searctractormanuals.com

REPAIR PARTS

14/6 GARDEN TRACTOR—MODEL NUMBER 917.25160

STEERING AND FRONT AXLE



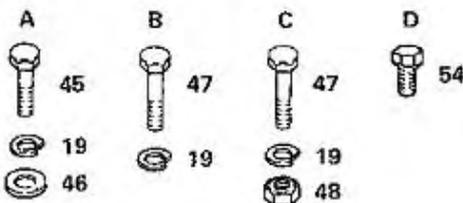
REPAIR PARTS

14/6 GARDEN TRACTOR--MODEL NUMBER 917.25160

STEERING AND FRONT AXLE

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	8866R	Steering Wheel Cap	29	673A19	Spindle Weldment - L.H.
2	2700R	Steering Wheel	30	9040H	Flanged Bearing
3	1552P	Washer 49/64 x 1 - 1/4 x 16 Ga.	31	795R	Tire Valve
4	9007H	Cap - Steering Tube	32	9473R	Front Wheel (Inc. Key No's. 30 & 35)
5	5949H	Rubber Bushing	33	2795R	Front Tire - Tubeless
6	9858M1	Woodruff Key	34	2118R	Dust Cap
7	9822R	U-Joint (Inc. Key No. 7A)	35	6856M	Grease Fitting
7A	9823R	Grease Fitting	36	8865R	Steering Drag Link
8	4605P	Sq. Hd. Set Screw 3/8 - 16 UNC x 1/2	37	673A39	Tie Rod (Inc. Key No's. 39 & 40)
9	6277H	Dowel Pin	38	8922R	Tie Rod Joint - L.H. Thread
10	673A122	Steering Bracket and Steering Cap (Inc. Key No. 9)	39	547P	Hex Jam Nut 3/8 - 24 UNF - L.H.
11	8842M	Grease Fitting	40	STD541337	*Hex Jam Nut 3/8 - 24 UNF
12	8765R	Steering Pinion	41	8921R	Tie Rod Joint - R.H. Thread
13	673A26	Front Axle Weldment	42	673A24	Steering Sector Ass'y.
14	8916R	Pivot Bolt 5/8 - 11 UNC x 6	43	1553P	Washer 57/64 x 1 - 1/4 x 16 Ga.
15	8767R	Shoulder Nut	44	5017P	E-Ring
16	STD551062	*Washer 21/32 x 1 - 5/16 x 13 Ga.	45	STD523710	*Hex Bolt 3/8 - 16 UNC x 1
17	522P	Hex Jam Nut 5/8 - 11 UNC	46	1559P	Washer 7/16 x 1 x 10 Ga.
18	STD541137	*Hex Nut 3/8 - 24 UNF	47	STD523717	*Hex Bolt 3/8 - 16 UNC x 1 - 3/4
19	STD551137	*Lockwasher 3/8	48	STD541037	*Hex Nut 3/8 - 16 UNC
20	673A30	Steering Bell Crank Weldment	49	7563R	Axle Thrust Washers
21	6853M	Grease Fitting	50	673A64	Wheel Hub and Bushing
22	6855M	Grease Fitting	51	9528R	Rear Wheel
23	673A15	Steering Tie Rod (Inc. Key No's. 37 thru 41)	52	8246R	Rear Tire
24	5000P	E-Ring	53	5845R	E-Ring
24A	1589P	Washer 49/64 x 1 - 5/8 x 16 Ga.	54	1304H	Hub Bolt
25	673A20	Spindle Weldment - R.H.			
26	9530R	Groove Pin			
27	8798R	Dust Cup - Inner			
28	8907R	Bushing - Steering Stop			

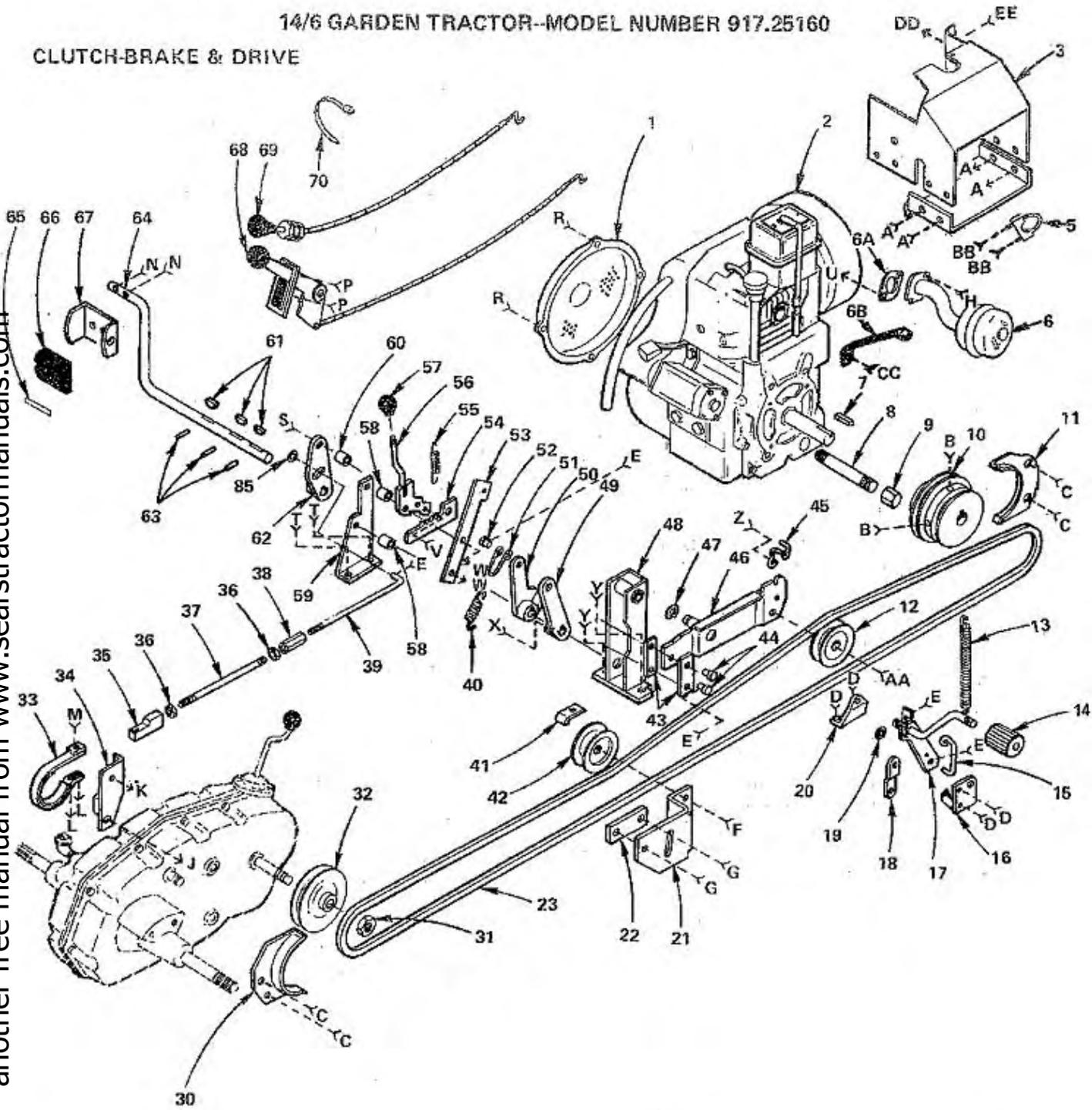
*STANDARD HARDWARE--PURCHASE LOCALLY



REPAIR PARTS

14/6 GARDEN TRACTOR—MODEL NUMBER 917.25160

CLUTCH-BRAKE & DRIVE



- | | | | | | | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| A | B | C | D | E | F | G | H | J | K | L | M | N | P | R |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

another free manual from www.searstractormanuals.com

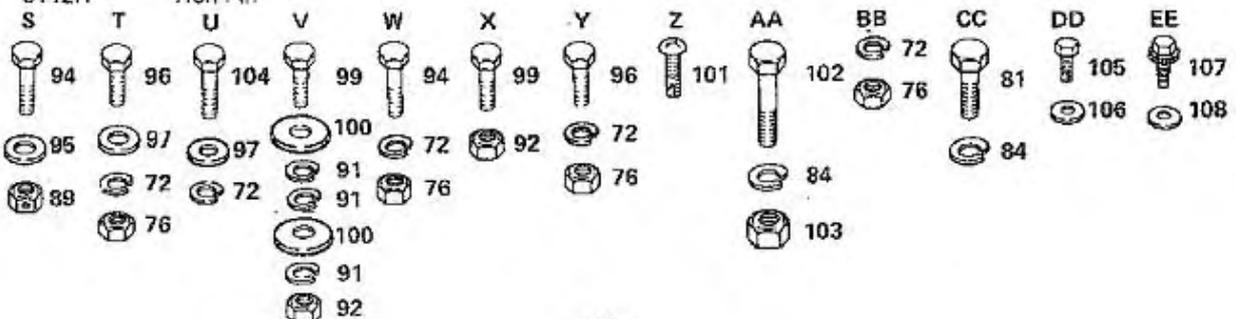
REPAIR PARTS

14/6 GARDEN TRACTOR--MODEL NUMBER 917.25160

CLUTCH-BRAKE & DRIVE

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	704R	Air Inlet Screen	64	8760R	Foot Pedal Shaft
2	673A13	Engine - 14 H.P. (Model No. 143.670042)	65	8899R	Decal - Clutch Brake
3	9587R	Heat Deflector - Upper	66	8882R	Foot Pedal
4	9586R	Heat Deflector - Lower	67	8795R	Foot Pedal Bracket
5	673A75	Muffler Clamp	68	9299R	Throttle Control
6	9300R	Muffler	69	8881R	Choke Control
6A	2929R	Muffler Gasket	70	6106R	Cable Tie
6B	9293R	Exhaust Pipe Brace	71	STD511005	*Hex Mach. Screw No. 10 - 24 UNC x 1/2
7	9396E	Sq. Key			*Hex Nut No. 10 - 24 UNC
8	4011P	Oil Drain Pipe 3/8 - 18 NPT x 3 - 1/2	71A	STD541010	*Lockwasher No. 10
9	4010P	Drain Pipe Cap 3/8 - 18 NPT	71B	STD551110	*Lockwasher 5/16
0	673A98	Engine Pulley & Set Screws (Inc. Key No. 73)	72	STD551131	*Socket Headless Set Screw 5/16 - 18 UNC x 1/2
1	8799R	Engine Pulley Belt Guide	73	4540P	*Hex Bolt 5/16 - 18 UNC x 5/8
2	8848R	Belt Idler - V Groove	74	STD523106	*Hex Bolt 5/16 - 18 UNC x 3/4
3	8906R	Spring - Mower Clutch	75	STD541031	*Hex Nut 5/16 - 18 UNC
4	8883R	Attachment Pedal Cover	76	STD561210	*Cotter Pin 1/8 x 1
5	9283R	Clutch Spring Hanger	77	3036P	*Hex Bolt 7/16 - 14 UNC x 1 - 1/2
6	673A105	Outer Clutch Bracket Ass'y.	78	STD551143	*Lockwasher 7/16
7	673A106	Attachment Clutch Pedal Weldment	79	STD541043	*Hex Nut 7/16 - 14 UNC
8	8832R	Clutch Link - Lower	80	STD523707	*Hex Bolt 3/8 - 16 UNC x 3/4
9	5018P	Retaining Ring			
0	8828R	Clutch Bracket - Inner	83	STD523707	*Hex Bolt 3/8 - 16 UNC x 7/8
1	8826R	Flat Idler Bracket	84	STD551137	*Lockwasher 3/8
2	8770R	Idler Bracket Lock Plate	85	STD551037	*Washer 13/32 x 13/16 x 16 Ga.
3	8845R	Ground Drive Belt	86	3164P	*Flat Head Mach. Screw 3/8 - 16 UNC x 3/4
4	8800R	Transaxle Pulley Belt Guide			
5	9204H	Locknut 1/2 - 20 UNF	87	STD532505	Sq. Neck Carriage Bolt 1/4 - 20 UNC x 1/2
6	8847R	Transaxle Pulley			
7	673A28	Brake Band Ass'y.	88	1605H	Locknut 1/4 - 20 UNC
8	673A27	Brake Bracket Weldment	89	1685H	Locknut 5/16 - 18 UNC
9	7772H	Brake Rod Guide	90	5599P	Hex Hd. Thread Cutting Screw 1/4 - 20 UNC x 1/2 Type 23
0	STD541037	*Hex Nut 3/8 - 16 UNC			
1	8853R	Brake Rod - Rear	91	STD551125	*Lockwasher 1/4
2	6417H	Turnbuckle	92	STD541025	*Hex Nut 1/4 - 20 UNC
3	8852R	Brake Rod - Front	93	6040P	Slotted Fillister Head Machine Screw W/Sems Lockwasher 1/4 - 28 UNF x 3/4
4	8905R	Spring - Idler			
5	9896R	Wire Guard	94	STD523110	*Hex Bolt 5/16 - 18 UNC x 1 Grade 5
6	6635H	Belt Idler - Flat	95	STD551025	*Washer 5/16 x 3/4 x 16 Ga.
7	8815R	Clutch Arm Link	96	STD523108	*Hex Bolt 5/16 - 18 UNC x 7/8
8	8912R	Drilled Flat Head Rivet	97	STD551037	*Washer 11/32 x 11/16 x 16 Ga.
9	8848R	Idler Belt Guide			
0	673A22	Belt Idler Bracket Weldment	99	STD522507	*Hex Bolt 1/4 - 20 UNC x 3/4
1	STD581062	*E-Ring	100	1585P	Washer 9/32 x 1 - 1/4 x 16 Ga.
2	673A21	Belt Idler Support	101	5602P	Phillips Truss Head Thread Cutting Screw 1/4 - 20 UNC x 1/2 Type 23
3	8837R	Clutch Pivot Arm	102	STD523715	*Hex Bolt 3/8 - 16 UNC x 1 - 1/2
4	8836R	Safety Switch Arm	103	STD541037	*Hex Nut 3/8 - 16 UNC
5	8850R	Spring Clevis	104	STD523107	*Hex Bolt 5/16 - 18 UNC x 3/4 Gr. 5
6	8911R	Drilled Flat Head Rivet	105	5604P	Hex Head Thread Cutting Screw No. 10 x 3/8 Type 23
7	8820R	Parking Brake Lock Bracket	106	STD551010	*Washer 7/32 x 1/2 x 18 Ga.
8	8817R	Parking Brake Lock Bar	107	5603P	Hex Head Sheet Metal Screw No. 12 x 1/2 Type AB
9	8904R	Spring - Parking Brake	108	STD551012	*Washer 1/4 x 9/16 x 16 Ga.
0	673A18	Parking Brake Lever Weldment			
1	8871R	Control Knob - Parking Brake			
2	8908R	Bushing - Brake Lever			
3	8822R	Parking Brake Support			
4	8909R	Bushing - Lock Bar			
5	2228M	Woodruff Key			
6	8835R	Brake Arm			
7	5142H	Roll Pin			

*STANDARD HARDWARE--PURCHASE LOCALLY



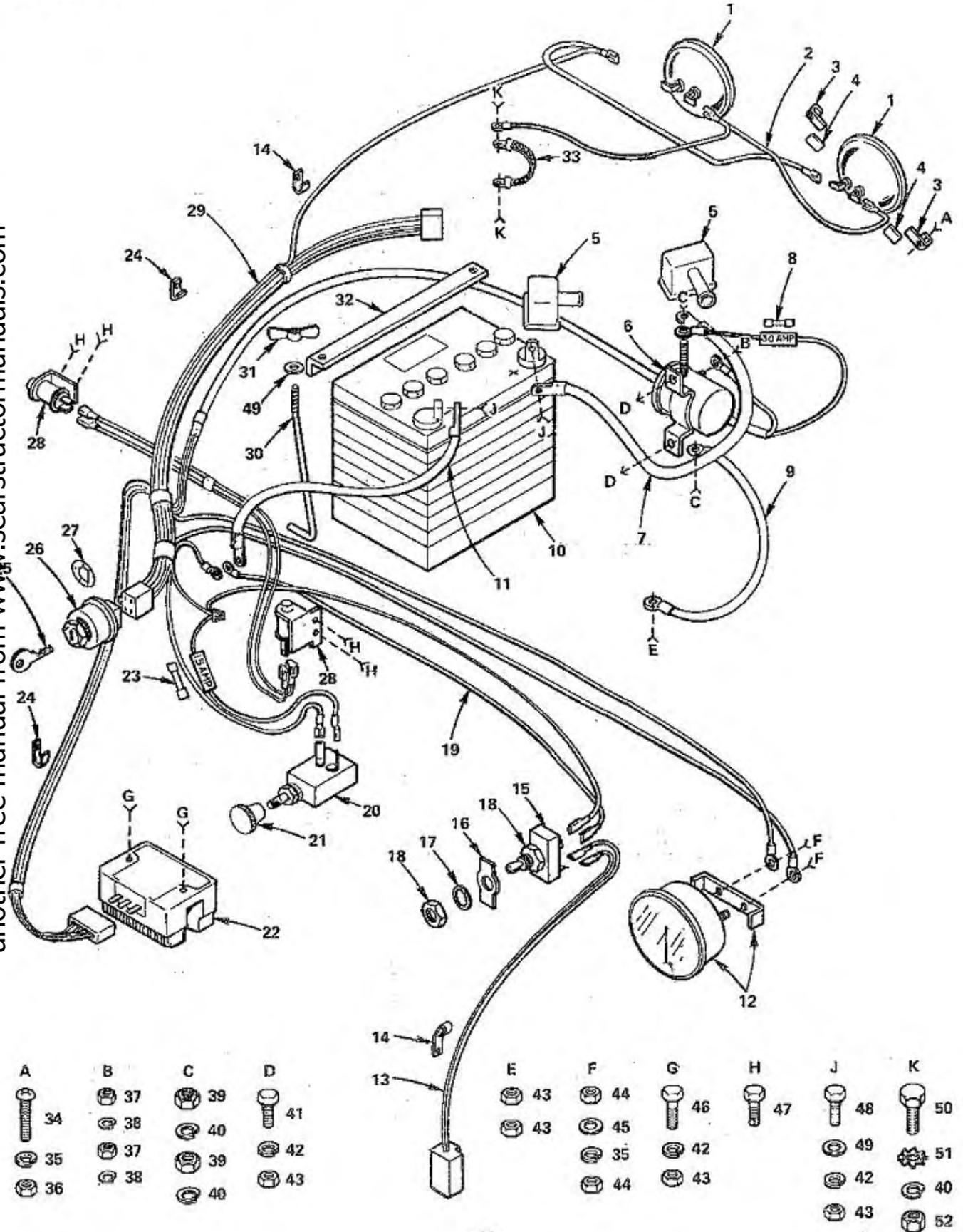
another free manual from www.searstractormanuals.com

REPAIR PARTS

14/6 GARDEN TRACTOR--MODEL NUMBER 917.25160

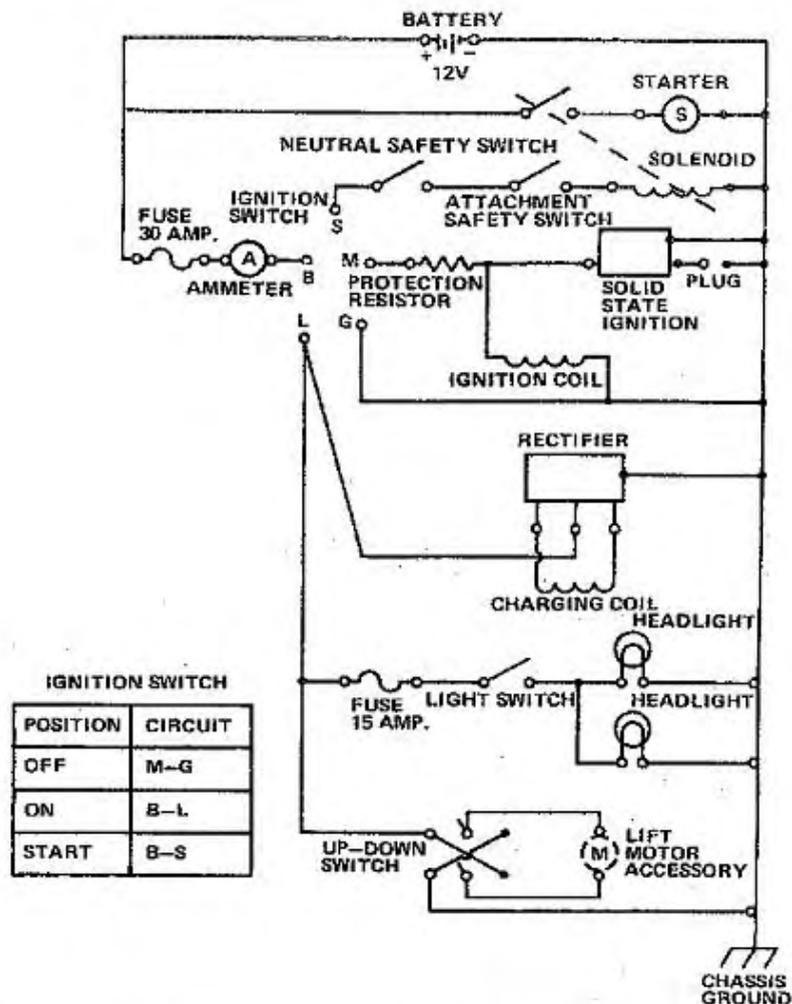
ELECTRICAL

another free manual from www.searstractormanuals.com



14/6 GARDEN TRACTOR--MODEL NUMBER 917.25160

ELECTRICAL



IGNITION SWITCH	
POSITION	CIRCUIT
OFF	M-G
ON	B-L
START	B-S

another free manual from www.seartractormanuals.com

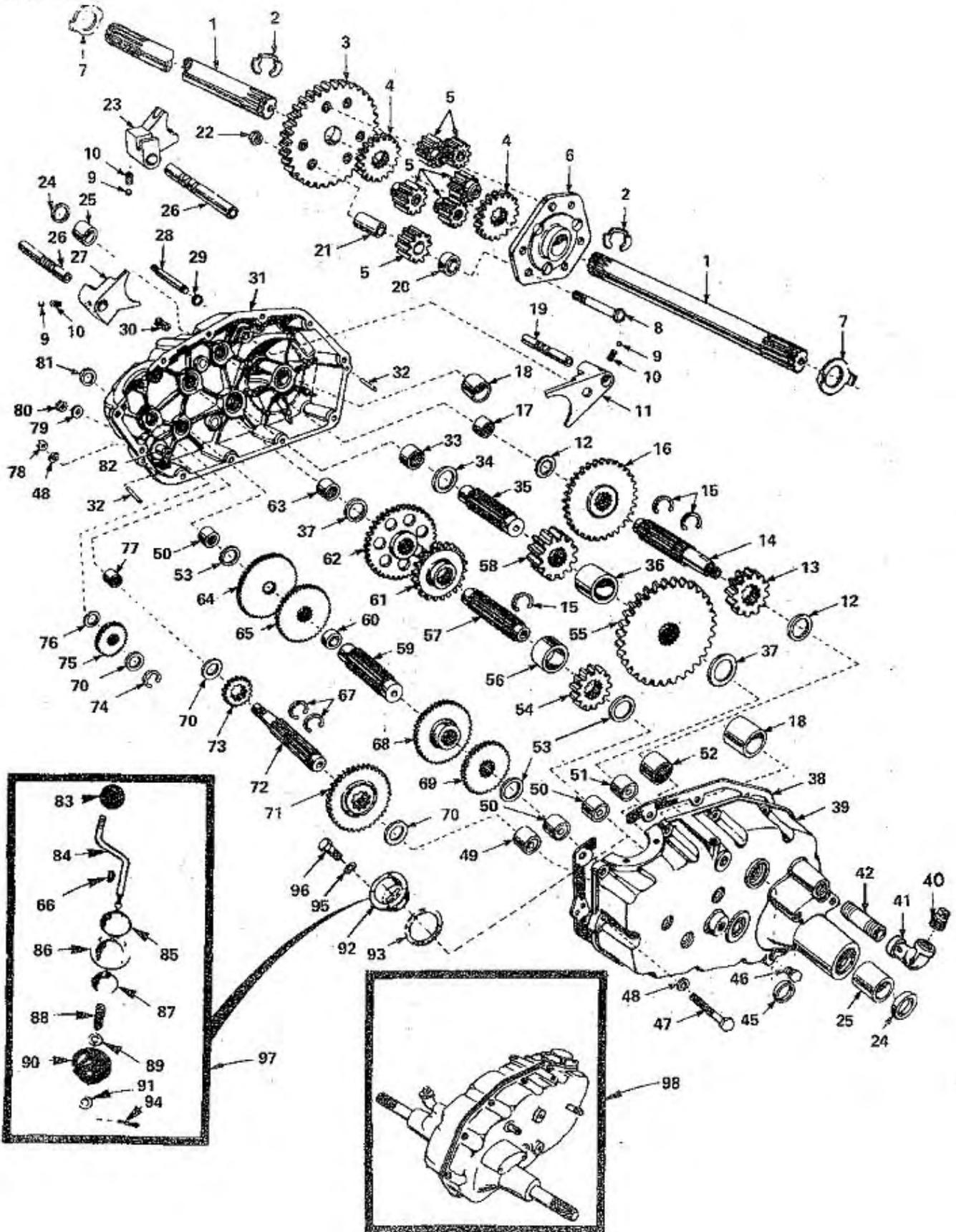
PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
6452R	Headlight	29	9570R	Wiring Harness
8031R	Wire - Headlight Ground	30	8854R	Battery Bolt
8794R	Headlight Clamp	31	3748M	Wing Nut 1/4 - 20 UNC
8862R	Sieve - Headlight Clamp	32	8796R	Battery Hold Down
8856R	Terminal Insulator	33	9289R	Ground Strap
103R	Solenoid (Inc. Key No. 37 thru 40)	34	3349P	Phillips Truss Hd. Mach. Screw No. 10 - 24 UNC x 1
9277R	Battery Cable		STD551110	*Lockwasher No. 10
6347R	Fuse - 30 Amp.	35	STD541010	*Hex Nut No. 10 - 24 UNC
8860R	Starter Cable	36	STD541008	*Hex Nut No. 8 - 32 UNC
8859R	Battery	37	STD551108	*Lockwasher No. 8
8861R	Ground Cable	38	STD541331	*Hex Jam Nut 5/16 - 24 UNF
9433R	Ammeter	39	STD551131	*Lockwasher 5/16
9700R	Harness - Lift Motor	40	STD522505	*Hex Bolt 1/4 - 20 UNC x 1/2
4171R	Insulated Clip	41	STD551125	*Lockwasher 1/4
8984R	Lift Switch (Inc. Key No. 18)	42	STD541025	*Hex Nut 1/4 - 20 UNC
9349R	Up-Down Plate	43	STD541110	*Hex Nut No. 10 - 32 UNF
7319R	Internal Tooth Lockwasher	44	1583P	Brass Washer No. 10
566P	Hex Nut 15/32 - 32 NS	45	STD522508	*Hex Bolt 1/4 - 20 UNC x 7/8
9697R	Ground Wire	46	5595P	Hex Self Tapping Screw No. 10 x 1/2 Type 23
7793R	Light Switch	47	STD522507	*Hex Bolt 1/4 - 20 UNC x 3/4
7794R	Light Switch Knob	48	STD551025	*Washer 9/32 x 5/8 x 16 Ga.
7809R	Regulator - Rectifier	49	STD523107	*Hex Bolt 5/16 - 18 UNC x 3/4
2212R	Fuse - 15 Amp.	50	STD551231	*Ext. Tooth Lockwasher 5/16
2761R	Wire Clip	51	STD541031	*Hex Nut 5/16 - 18 UNC
7552H	Key Set	52		
4406R	Ignition Switch			
8657R	Terminal Identifier			
7755R	Safety Switch			

*STANDARD HARDWARE--PURCHASE LOCALLY

REPAIR PARTS

14/6 GARDEN TRACTOR--MODEL NUMBER 917.25160

TRANSAXLE



another free manual from www.searctractormanuals.com

REPAIR PARTS

14/6 GARDEN TRACTOR--MODEL NUMBER 917.25160

TRANSAXLE

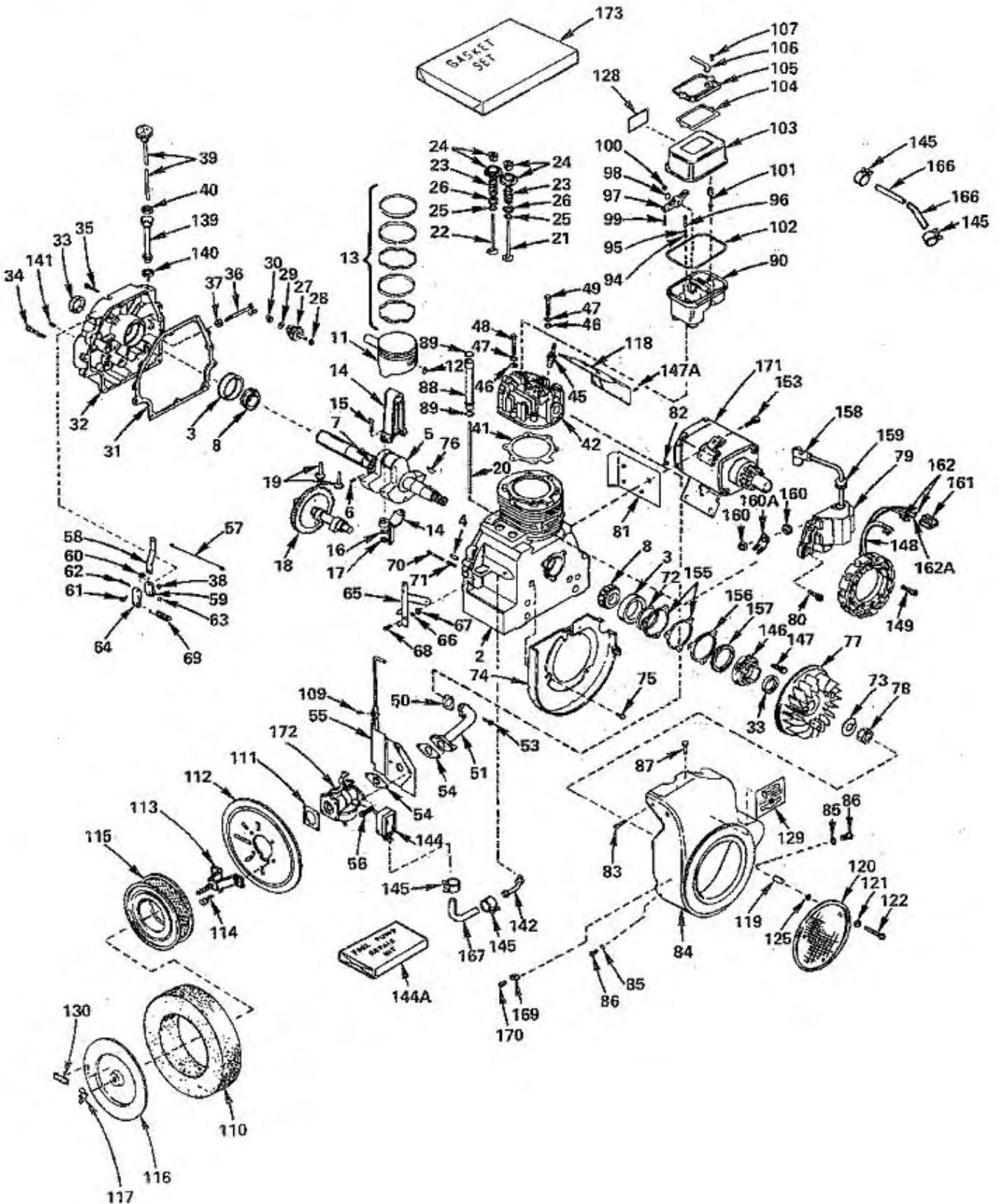
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	4202R	Axle Shaft	49	4895H	Needle Bearing
2	5845R	Retaining Ring	50	4222R	Needle Bearing
3	4199R	Final Drive Gear	51	1529R	Needle Bearing
4	4216R	Differential Gear	52	8119M	Needle Bearing
5	4215R	Differential Pinion	53	4220R	Thrust Bearing Race
6	4217R	Differential Carrier	54	4209R	3rd Reduction Pinion - Low
7	6256H	Axle Thrust Washer	55	4213R	4th Reduction Gear
8	3056P	Hex Bolt 3/8 - 24 UNF x 3 - 1/4 (1" Thread Length)	56	4442R	3rd Reduction Pinion Spacer
9	7392M	Steel Ball	57	4195R	2nd Reduction Gear Shaft
10	6272H	Spring Shift Fork Detent	58	4214R	Final Drive Pinion
11	4985R	Shift Fork, High - Low Range	59	4194R	1st Reduction Gear Shaft
12	6266H	Thrust Bearing Race	60	7528R	1st Reduction Shaft Spacer
13	4212R	4th Reduction Pinion	61	4208R	3rd Reduction Pinion - High
14	4196R	3rd Reduction Gear Shaft	62	4207R	2nd Reduction Gear
15	6276H	Snap Ring - Crescent Type	63	7398H	Needle Bearing
16	633A63	High - Low Range Gears	64	4203R	Low Speed Gear and 2nd Reduction Pinion Cluster
17	8118M	Needle Bearing	65	4204R	Reverse Gear
18	9040R	Sintered Iron Bearing	66	7835M	Woodruff Key 1/8 x 1/2
19	6217H	Shift Fork Shaft, High - Low Range	67	4926H	Snap Ring - Crescent Type
20	4218R	Differential Pinion Spacer	68	4205R	Intermediate Speed Gear
21	6252H1	Differential Pinion Bushing	69	4206R	High Speed Gear
22	7810H	Grpco Centerlock Nut 3/8 - 24 UNF	70	1370H	Thrust Bearing Race
23	4986R	Shift Fork - L.H.	71	633A69	Intermediate and High Speed Cluster Pinion
24	7393R	Oil Seal	72	4193R	Input Shaft
25	9039R	Sintered Iron Bearing	73	4201R	Low Speed Pinion
26	6216H	Shift Fork Shaft	74	STD581062	*E-Ring
27	6262H	Shift Fork - R.H.	75	1153R	Reverse Idler Gear
28	9012R	Shift Shaft, High - Low Range	76	7392H	Reverse Idler Thrust Washer
29	6269H	Oil Seal	77	5529H	Needle Bearing
30	5855H	Pressure Relief Valve	78	STD641031	*Hex Nut 5/16 - 18 UNC
31	633A65	Gearcase, Reverse Idler Shaft and Bearings - R.H. (Inc. Key No's. 17, 18, 25, 33, 50, 63, 76, 77 and 82)	79	1167R	Sealing Washer
32	6277H	Dowel Pin	80	541P	Hex Jam Nut 7/16 - 20 UNF
33	4225R	Needle Bearing	81	6270H	Oil Seal
34	7396H	Thrust Bearing Race	82	7384H	Reverse Idler Shaft
35	4198R	4th Reduction Gear Shaft	83	6364H	Control Knob
36	4200R	4th Reduction Gear Spacer	84	9011R	Gear Shift Lever - Bent
37	7395H	Thrust Bearing Race	85	9013R	Gear Shift Cap
38	6275H	Gearcase Gasket	86	633A85	Gear Shift Ball Cover and Pin
39	633A64	Gearcase and Bearings - L.H. (Inc. Key No's. 18, 25, 49, 50 (2), 51 and 52)	87	8739H1	Shift Lever Guide Ball - Keyed Spring
40	4002P	Pipe Plug 1/2 - 14 N.P.T.	88	4924H	Spring
41	4015P	Elbow 90°, 1/2 - 14 N.P.T.	89	STD551043	*Washer 15/32 x 59/64 x 16 Ga.
42	4014P	Std. Pipe Nipple 1/2 - 14 N.P.T. x 3	90	8105R	Shift Mechanism Seal
45	6271H	Oil Seal	91	STD551050	*Washer 9/16 x 15/16 x 11 Ga.
46	4001P	Pipe Plug 1/4 - 18 N.P.T.	92	633A19	Gear Shift Gate and Reinforcement
47	STD523115	*Hex Bolt 5/16 - 18 x 1 - 1/2 Grade 5	93	6274H	Shift Ball Cover Gasket
48	STD561131	*Lockwasher 5/16 Extra Heavy	94	STD561210	*Cotter 1/8 x 3/4
			95	STD551131	*Lockwasher 5/16
			96	STD523108	*Hex Bolt 5/16 - 18 UNC x 7/8
			97	633A87	Gear Shift Lever Ass'y.
			98	633A84	Transaxle Assembly Less Brake Drum & Shift Lever Ass'y.

*STANDARD HARDWARE--PURCHASE LOCALLY

REPAIR PARTS

14/6 GARDEN TRACTOR--MODEL NUMBER 917.25160

CRAFTSMAN 4 CYCLE ENGINE--MODEL NUMBER 143.670042



another free manual from www.seartractormanuals.com

REPAIR PARTS

14/6 GARDEN TRACTOR--MODEL NUMBER 917.25160

CRAFTSMAN 4 CYCLE ENGINE--MODEL NUMBER 143.670042

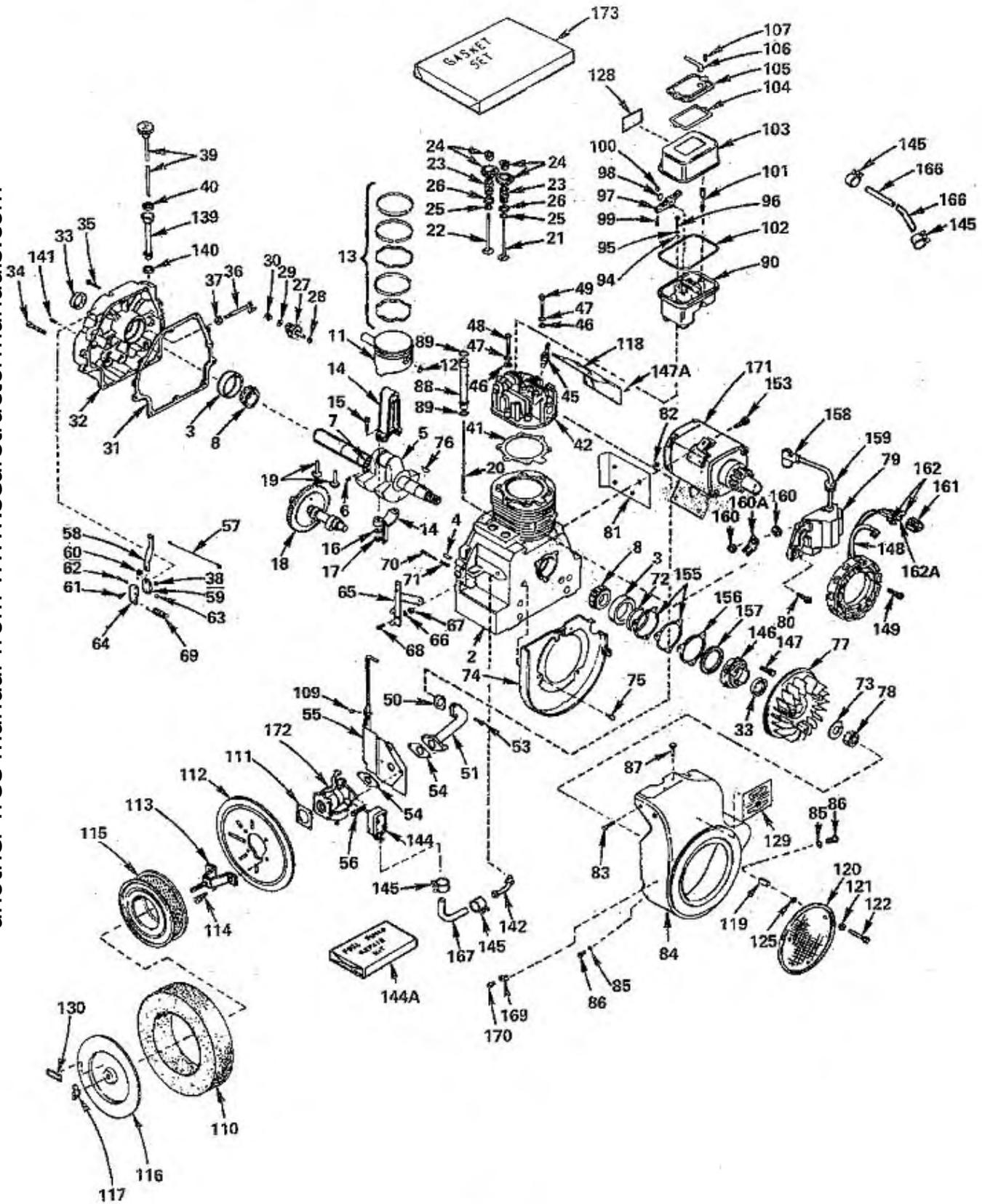
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	670042	Complete Engine	36	32425	Rod Ass'y., Governor
2	33823	Cylinder Ass'y. (Inc. No's. 4, 33 & 141)	37	32426	Spacer, Governor Rod
3	31928	Cup, Bearing	38	29193	Ring, Retaining
4	27652	Pin, Dowel	39	33764	Dipstick, Oil Fill (Inc. No. 40)
5	33397	Crankshaft Ass'y. (Inc. No's. 3, 6, 7 & 8)	40	29985	"O" Ring
6	29783	Pin, Crankshaft Gear	41	33474	*Gasket, Cylinder Head
7	31931	Gear, Crankshaft	42	33763	Head, Cylinder
8	31932	Bearing, Tapered Roller	45	34046	Plug, Spark
11	32001A	Piston & Pin Ass'y. (Inc. 2 of No. 12) (Std.)	46	650691	Washer, Flat
11	32002	Piston & Pin Ass'y. (Inc. 2 of No. 12) (.010 Oversize)	47	650690	Washer, Belleville
11	32003	Piston & Pin Ass'y. (Inc. 2 of No. 12) (.020 Oversize)	48	650692	Screw, Hex Hd. Cap, 5/16 - 18 x 1 - 3/4
11	32619	Piston & Pin Ass'y. (Inc. 2 of No. 12) (.030 Oversize)	49	650746	Screw, Hex Hd. Cap, 5/16 - 18 x 1 - 3/8
11	32620	Piston & Pin Ass'y. (Inc. 2 of No. 12) (.040 Oversize)	50	33516	*Gasket, Intake Pipe
12	31919	Ring, Piston Pin Retaining	51	33475	Pipe, Intake
13	32004	Ring Set, Piston (Std.)	53	650512	Screw, Hex Hd. Sems, 5/16 - 18 x 7/8
13	32005	Ring Set, Piston (.010 Oversize)	54	33476	*Gasket, Carburetor
13	32006	Ring Set, Piston (.020 Oversize)	55	33477A	Baffle, Air Extension
13	32623	Ring Set, Piston (.030 Oversize)	56	650378	Screw, Fil. Hd. Sems, 5/16 - 18 x 1 - 1/8
13	32624	Ring Set, Piston (.040 Oversize)	57	33478	Link, Governor
14	33093A	Rod Ass'y., Connecting (Inc. No's. 15, 16 & 17)	58	31963	Lever, Governor Adjusting
15	32077	Bolt, Connecting Rod	59	31964	Clamp, Governor Lever
16	26073	Washer, Connecting Rod	60	650518	Lockwasher, No. E.T.
17	28264	Nut, Lock	61	30312	Screw, Hex Slotted Washer Hd., 10 - 32 x 1/2
18	33470	Camshaft (Mech. Compression Release)	62	650544	Screw, Pan Flex Hd., 10 - 24 x 7/8
19	33472	Lifter, Valve	63	7975	Nut, Square, 10 - 24
20	33471	Rod, Push	64	31965	Plate, Governor Spring
21	33505	Valve, Intake (Standard)	65	31984A	Lever Ass'y., Control
21	33645	Valve, Intake (1/32" Oversize)	66	28558	Washer, Wave
22	33506	Valve, Exhaust (Standard)	67	31966	Bushing, Governor Lever
22	33646	Valve, Exhaust (1/32" Oversize)	68	650597	Screw, Hex Washer Hd. Mach., 10 - 24 x 5/8
23	33507	Spring, Valve	69	31967	Spring, Governor
24	33508	Retainer & Cap Set, Keeper Valve	70	650591	Screw, Fil. Slotted Hd. Mach., 10 - 24 x 2
25	33509	"O" Ring	71	33099	Spring, Locking
26	33510	Cap, Valve	72	32599	*"O" Ring
27	33473	Gear & Shaft Ass'y., Governor	73	650666	Washer, Lock
28	650746	Washer, Flat	74	32579	Baffle, Blower Housing
29	30590A	Washer, Flat	75	650561	Screw, Phil. Hex Hd. Sems 1/4 - 20 x 5/8
30	31948	Spool, Governor	76	650592	Key, Flywheel
31	31956	*Gasket, Cylinder Cover	77	610909	Flywheel
32	32685	Cover Ass'y., Cylinder (Inc. No's. 33, 36, 37, 38 & 41)	78	650594	Nut, Flywheel
33	31950	Seal, Oil	79	610906	Magneto, Solid State (Inc. No's. 158 thru 160A)
34	30564	Screw, Hex Hd. Cap Sems 1/4 - 20 x 1	80	650661	Screw, Phil. Fil. Hd. w/Conical Spring Lockwasher, 1/4 - 20 x 3/4
35	650588	Screw, Hex Hd. Sems, 1/4-20 x 2	81	33479	Extension, Blower Housing

* INDICATES PARTS INCLUDED IN GASKET SET, PART NO. 173.

REPAIR PARTS

14/6 GARDEN TRACTOR--MODEL NUMBER 917.25160

CRAFTSMAN 4 CYCLE ENGINE--MODEL NUMBER 143.670042



another free manual from www.searstractormanuals.com

REPAIR PARTS

14/6 GARDEN TRACTOR--MODEL NUMBER 917.25160

CRAFTSMAN 4 CYCLE ENGINE--MODEL NUMBER 143.670042

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
82	30688	Screw, Hex Hd. Cap, Sems 1/4 - 20 x 1/2	144	32959	Pump, Impulse Fuel
83	650751	Screw, Phil. Hex Hd. w/Conical Spring Washer, 1/4 - 20 x 7/16	144A	33010	Repair Kit, Impulse Fuel Pump
84	33775	Housing, Blower	145	26460	Clamp, Fuel Line
85	8274	Lockwasher, Split 5/16	146	32577	Cover, Cylinder (See Note 1)
86	650595	Screw, Hex Hd. Cap, 5/16 - 24 x 3/8	147	650512	Screw, Hex Hd. Sems, 5/16 - 18 x 7/8
87	650752	Screw, Phil. Hex Hd. Sems, 1/4 - 20 x 7/16	147A	650736	Screw, Phil. Pan Hd., 10 - 16 x 3/8
88	33480	Tube, Push Rod	148	610902	Coil Ass'y., Alternator (Inc. No's 161, 162 & 162A)
89	33481	*"O" Ring	149	650521	Screw, Phil. Fil. Hd., Sems, 10 - 32 x 1 - 1/8
90	33482	Housing, Rocker Arm	153	650781	Screw, Hex Hd. Cap, Sems, 5/16 - 18 x 11/16
94	33484	*"O" Ring	155	31971	*Gasket, Shim (.004/.005 Thick, See Note 1)
95	650168	Washer, Flat	156	31972	*Gasket, Shim (.005/.007 Thick, See Note 1)
96	32610A	Screw, Flanged Hex Hd., 1/4 - 20 x 29/32	157	32031	Spacer, Steel (.010 Thick, See Note 1)
97	33485	Arm, Rocker	158	610118	Cover, Spark Plug
98	33486	Ring, Retaining	159	610750	Grommet, Lead Wire
99	650765	Screw, Adjusting	160	610408	Nut, Hex, 8 - 32
00	650456	Nut, Hex	160A	610908	Terminal
01	650756	Stud, Rocker Arm Cover	161	610903	Connector, Pyramid
02	33487	*"O" Ring	162	610905	Terminal
03	33488	Cover, Rocker Arm	162A	610904	Terminal
04	31958	*Gasket, Breather	166	30962	Line, Fuel
05	33489	Body, Ass'y., Breather	167	29774	Line, Fuel
06	33490	Tube, Breather	169	27793	Clip, Conduit
07	30102	Screw, Slotted Hex Hd. Sems, 10 - 32 x 5/8	170	28942	Screw, Hex Slotted Hd. Sems, 10 - 32 x 3/8
09	650738	Screw, Phil. Hex Washer Hd. Thr'd. Cutting, 1/4 - 20 x 5/8	171	33835	Motor, Starter (12 Volt) (Inc. No. 153)
10	32906	Filter, Pre-air	172	631763	Carburetor (Inc. No. 54)
11	33492	*Gasket, Air Cleaner	173	33516	Gasket Set (Inc. Items Marked *)
12	33777	Bracket, Air Cleaner	*INDICATES PARTS INCLUDED IN GASKET SET, PART NO. 173.		
13	33778	Bracket, Air Cleaner			
14	650399	Screw, Phil. Fil. Hd. Sems, 10 - 32 x 5/8	NOTE 1: DETERMINE THE GAP BETWEEN THE COVER AND THE MACHINED SURFACE ON THE CYLINDER, WHICH CAN BE FROM .001" UP TO .007", IN WHICH CASE NO SHIM GASKETS WILL BE RE- QUIRED. USE OF GASKETS MUST BE LIMITED TO A COMBINED TOTAL OF .010" THICK. STEEL SPACERS MUST BE USED AS REQUIRED TO ELIMINATE CRANKSHAFT END PLAY.		
15	32008	Element, Air Cleaner			
16	32904	Cover, Air Cleaner			
17	650513	Nut, Wing			
18	33495	Cover, Cylinder Head			
19	32426	Spacer, Screen			
20	33776	Screen, Starter Pulley			
21	27070	Washer, Lock			
22	650670	Screw, Truss Hd. Mach., 1/4 - 20 x 3/4			
25	650675	Washer, Flat			
28	30592	Decal, Name & Instruction			
29	32730	Decal, Solid State			
130	32954	Decal, Air Cleaner			
139	33468	Tube Ass'y., Oil Filler			
140	29673	Gasket, Oil Fill Tube			
141	31927	Plug, Pipe (3/8 - 18 Sq. Hd.)			
142	32958	Fitting, Fuel Pump			

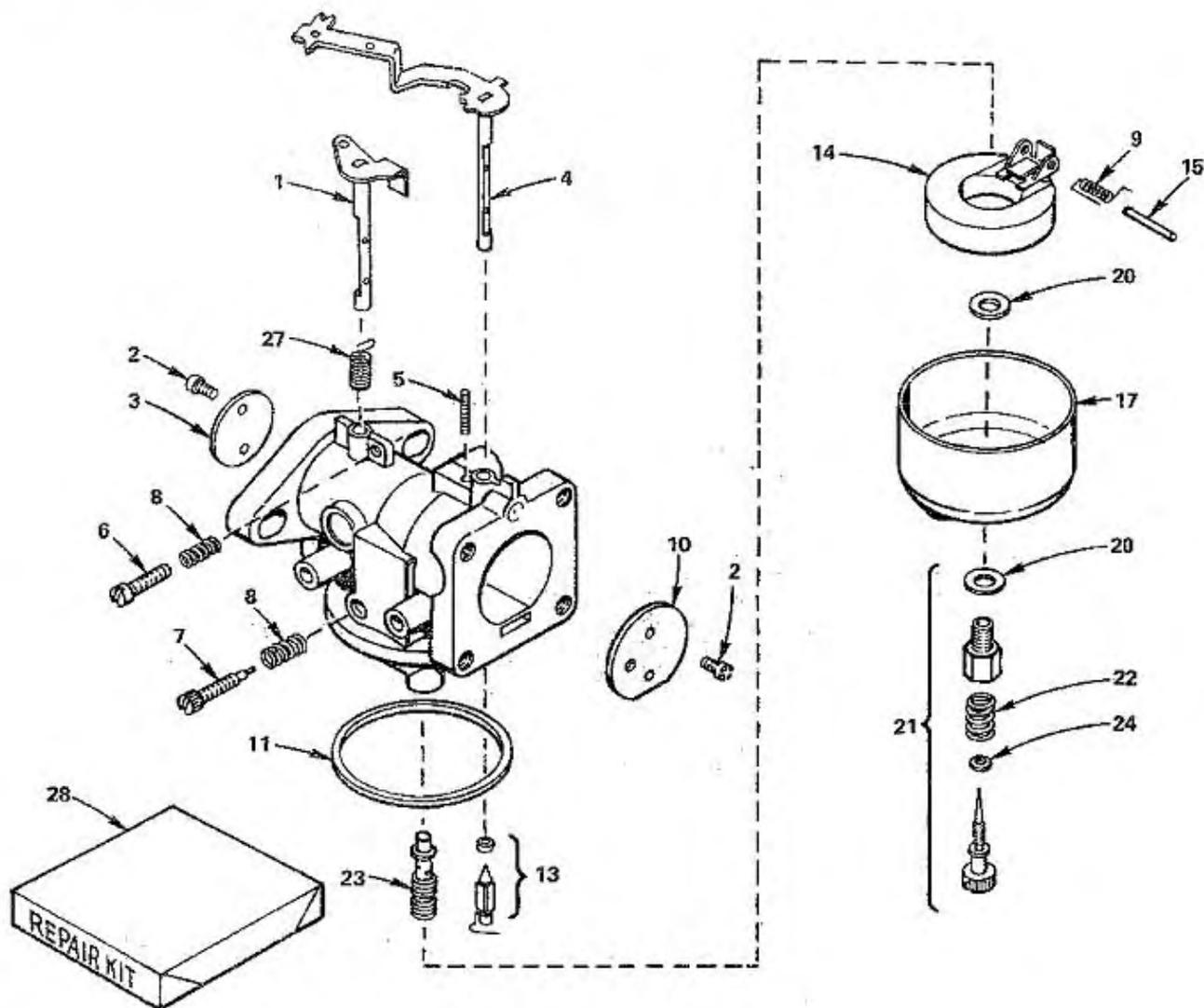
*INDICATES PARTS INCLUDED IN
GASKET SET, PART NO. 173.

NOTE 1: DETERMINE THE GAP BETWEEN THE
COVER AND THE MACHINED SURFACE
ON THE CYLINDER, WHICH CAN BE
FROM .001" UP TO .007", IN WHICH
CASE NO SHIM GASKETS WILL BE RE-
QUIRED. USE OF GASKETS MUST BE
LIMITED TO A COMBINED TOTAL OF
.010" THICK. STEEL SPACERS MUST
BE USED AS REQUIRED TO ELIMINATE
CRANKSHAFT END PLAY.

REPAIR PARTS

14/6 GARDEN TRACTOR--MODEL NUMBER 917.25160
CRAFTSMAN 4 CYCLE ENGINE--MODEL NUMBER 143.670042

CARBURETOR NO. 631763

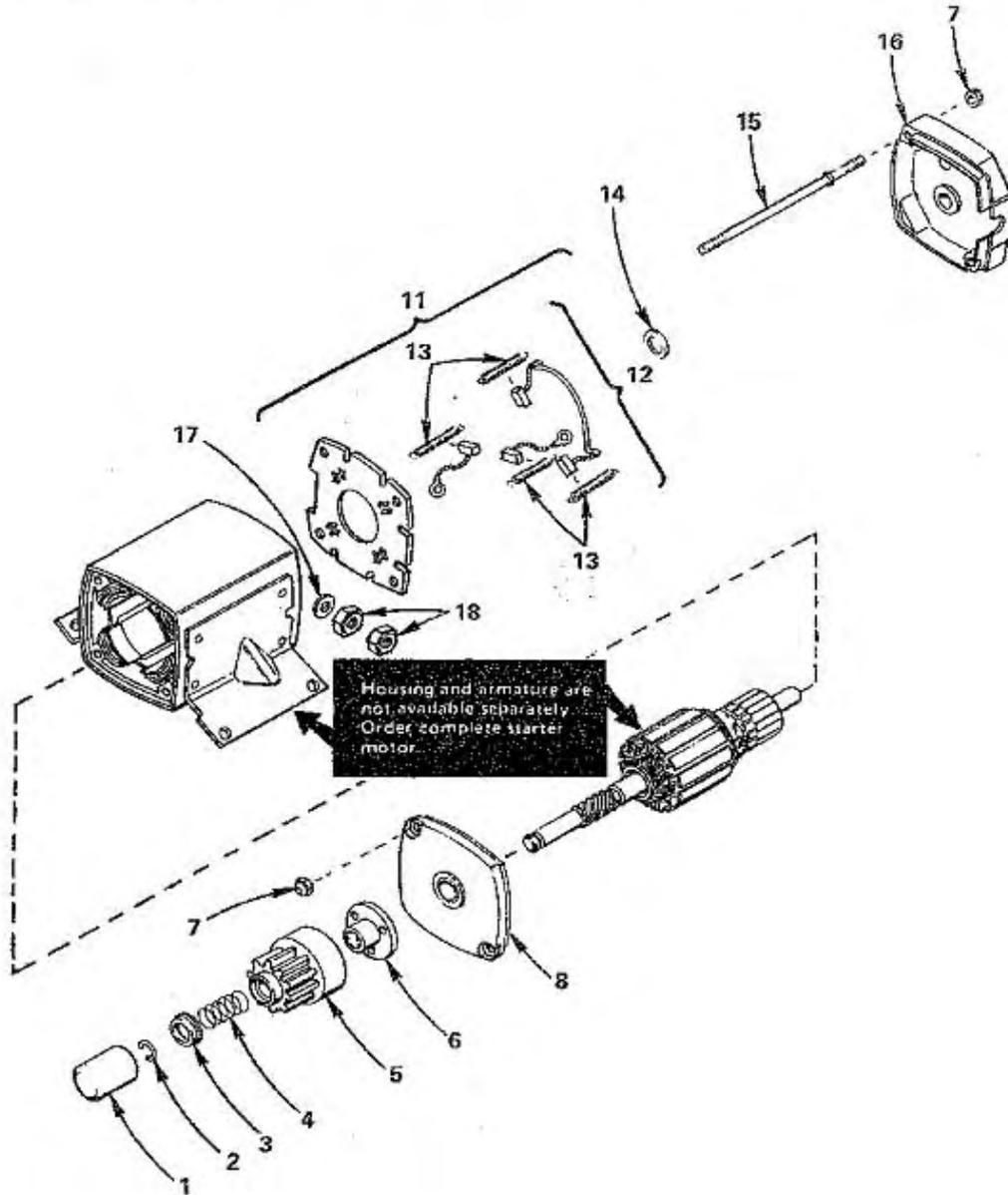


KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
	631763	Carburetor	14	27105	Float
1	631881	Shaft & Lever Ass'y., Throttle	15	27106	*Shaft, Float
2	30357	Screw, Rd. Hd., 6 - 32 x 3/16	17	29170	Bowl, Fuel
3	631682	Shutter, Throttle	20	27110	*Gasket, Bowl-to-Body
4	631683	Shaft & Lever Ass'y., Choke	21	631764	*Needle Ass'y., Power Adjusting (Inc. No's. 20, 22 & 24)
5	27113	Spring, Choke Stop	22	630786	Spring, Adjusting Needle
6	630605	Screw, Throttle Adjusting	23	631685	Nozzle, Main
7	27112	*Needle, Idle Adjusting	24	27544	"O" Ring
8	27114	Spring, Adjusting	27	32096	Spring, Throttle Return
9	31503	Spring, Float Shaft	28	631765	Repair Kit (Inc. Items Marked *)
10	631684	Shutter, Choke			
11	27109	*Gasket, Bowl-to-Body			
13	631687	*Valve, Seat & Spring Ass'y. (Inc. No. 9)			

REPAIR PARTS

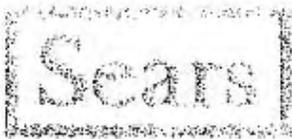
14/6 GARDEN TRACTOR--MODEL NUMBER 917.25160
 CRAFTSMAN 4 CYCLE ENGINE--MODEL NUMBER 143.670042

STARTER MOTOR NO. 33835



another free manual from www.seartractormanuals.com

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
	33835	Starter Motor, Complete	12	33849	Brush & Spring Kit (Inc. 4 Pcs. of No. 13)
1	33841	Cover, Dust	13	33850	Spring, Brush
2	33842	Ring, Retainer	14	590500	Washer, Thrust
3	33843	Retainer, Spring	15	33851	Bolt, 10 - 32 x 5 - 1/4
4	33854	Spring, Anti-Drift	16	33852	Cap Ass'y., Commutator End
5	33844	Gear	17	650168	Washer, Flat
6	33433	Nut, Engaging	18	650723	Nut, Hex
7	33450	Nut, Lock			
8	33845	Cap Ass'y., Drive End			
11	33848	Card Ass'y., Brush (Inc. No. 12)			



MODEL NO.
917.25160

HOW TO ORDER REPAIR PARTS

MODEL NUMBER

The Model Number will be found on the Model Plate attached to the Heat Shield, in front of the Gas Tank. Always mention the Model Number when requesting service or repair parts for your Garden Tractor.

REPAIR PARTS

All parts listed herein may be ordered from any SEARS, ROEBUCK AND CO. or SIMPSONS-SEARS LIMITED retail or catalog store.

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".



SEARS SERVICE

Your Sears merchandise takes on added value when you discover the Sears Service Units throughout the country. Each is staffed by Sears-trained, professional technicians using Sears approved parts and methods.

Sears, Roebuck and Co., Chicago, Ill. 60684, U.S.A.
and Simpsons Sears Limited, Toronto, Canada