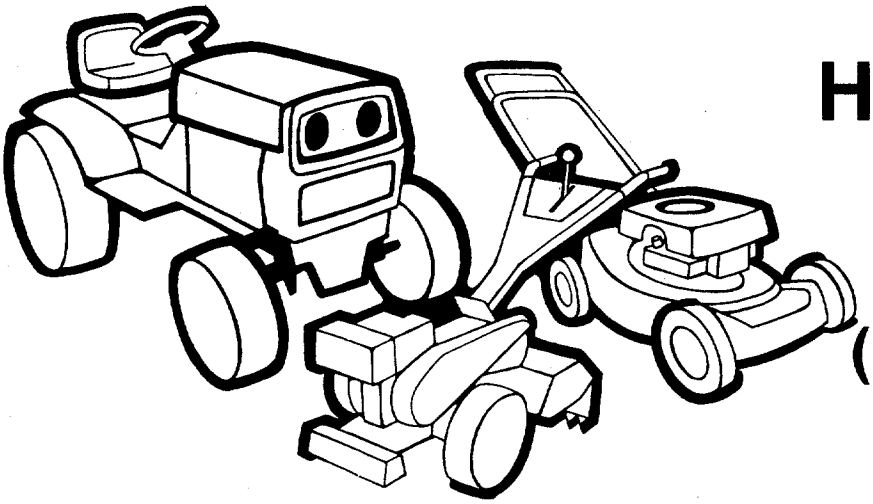
.75

OWNERS MANUAL



HYDROSTATIC LAWN TRACTORS

(11 H.P., 16 H.P. and 18 H.P.)

ASSEMBLY
OPERATION
MAINTENANCE
PARTS LIST

Important:

Read Safety Rules and Instructions Carefully

Model Numbers

134-760-000
134-764-000
134-765-000
134-784-000
134-785-000
134-786-000
134-794-000
134-795-000
134-796-000

Thank you for purchasing an American built product.

PRINTED IN U.S.A.

FORM NO. 770-3207

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LIMITED WARRANTY

For one year from the date of original retail purchase, MTD PRODUCTS INC will either repair or replace, at its option, free of charge, F.O.B. factory or authorized service firm, any part or parts found to be defective in material or workmanship. Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. Transportation charges for any parts submitted for replacement under this warranty must be paid by the purchaser unless such return is requested by MTD PRODUCTS INC.

This warranty will not apply to any part which has become inoperative due to misuse, excessive use, accident, neglect, improper maintenance, alterations, or unless the unit has been operated and maintained in accordance with the instructions furnished. This warranty does not apply to the engine, motor, battery, battery charger or component parts thereof. Please refer to the applicable manufacturer's warranty on these items.

This warranty will not apply where the unit has been used commercially.

Warranty service is available through your local authorized service dealer or distributor. If you do not know the dealer or distributor in your area, please write to the Customer Service Department of MTD.

The return of a complete unit will not be accepted by the factory unless prior written permission has been extended by MTD.

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

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

In the State of California the above is required by law (Section 4442 of the California Public Resources Code). Other states may have similar laws. Federal laws apply on federal lands. A spark arrester muffler is available at your nearest engine authorized service center.

WARNING

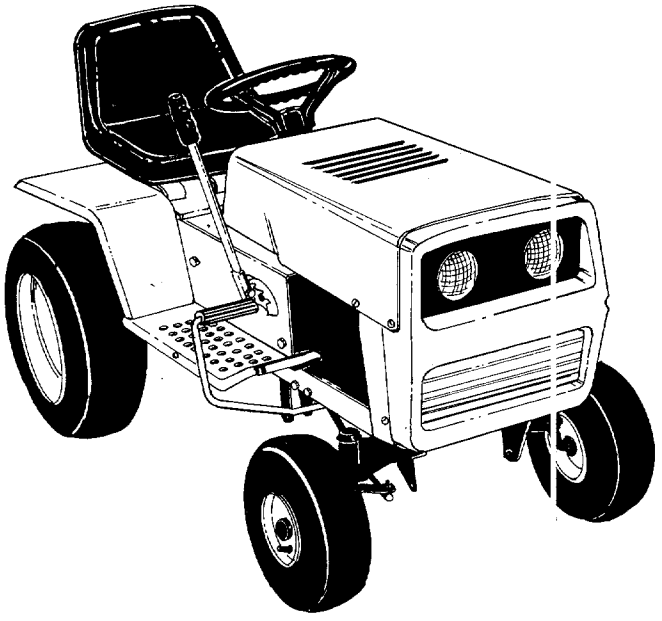
To reduce the potential for any injury, comply with the following safety instructions. Failure to comply with the instructions may result in personal injury.

SAFE OPERATION PRACTICES FOR RIDING VEHICLES

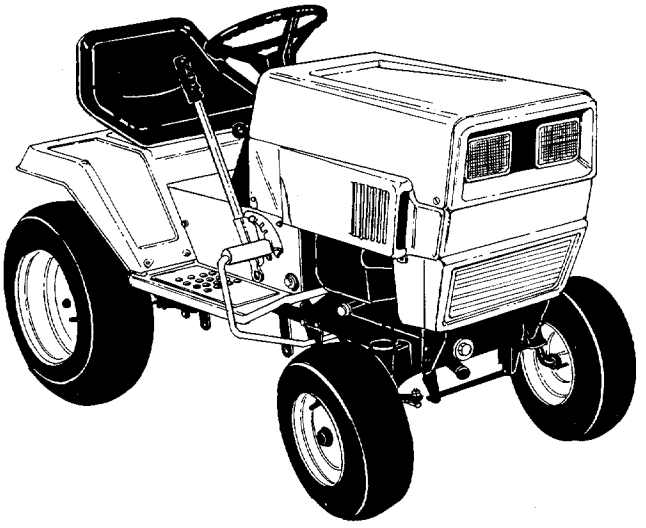
1. Read this owner's manual carefully in its entirety before attempting to assemble or operate this unit. Keep this manual in a safe place for future and regular reference and for ordering replacement parts.
2. This unit is a precision piece of power equipment, not a plaything. Therefore exercise extreme caution at all times.
3. Know the controls and how to stop quickly—READ THIS OWNER'S MANUAL.
4. Do not allow children to operate vehicle. Do not allow adults to operate it without proper instruction. Only persons well acquainted with these rules of safe operation should be allowed to use your mower.
5. No one should operate this unit while intoxicated or while taking medication that impairs the senses or reactions.
6. Wear sturdy, rough-soled work shoes and close-fitting slacks and shirts to avoid entanglement in the moving parts. Never operate a unit in bare feet, sandals, or sneakers.
7. To prevent injury, do not carry passengers or give rides. Keep children, pets and bystanders out of the area while mowing. Only the operator should ride on the unit and only ride in the seat.
8. Check overhead clearance carefully before driving under power lines, guy wires, bridges or low hanging tree branches, before entering or leaving buildings, or in any other situation where the operator may be struck or pulled from the unit, which could result in serious injury.
9. To maintain control of the unit and reduce the possibility of upset or collision, operate the tractor smoothly. Avoid erratic operation and excessive speed.
10. Keep the area of operation clear of all persons, particularly small children and pets. Stop engine when they are in the vicinity of your mower. Although the area of operation should be completely cleared of foreign objects, a small object may have been overlooked and could be accidently thrown by the mower in any direction and cause injury.
11. Clear work area of objects which might be picked up and thrown by the mower in any direction and cause injury.
12. Stop the blade(s) when crossing gravel drives, walks or roads.
13. Disengage all attachment clutches and shift into neutral before attempting to start engine.
14. Disengage power to attachment(s) and stop engine before leaving operating position.
15. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times as the rotating blade(s) can cause injury.
16. Disengage power to attachment(s) and stop engine before making any repairs or adjustments. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
17. Before attempting to unclog the mower or discharge chute, stop the engine. The mower blade(s) may continue to rotate for a few seconds after the engine is shut off. Therefore, be sure the blade(s) have stopped completely. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
18. Disengage power to attachment(s) when transporting or not in use.
19. Take all possible precautions when leaving vehicle unattended such as disengaging power-take-off, lowering attachments, shifting into neutral, setting parking brake, stopping engine and removing key.
20. Do not stop or start suddenly when going uphill or downhill. Mow up and down face of steep slopes; never across the face. Use extreme caution if it is necessary to drive the tractor up an incline or back the tractor down an incline because the front of the tractor could lift and rapidly flip over backward which could cause serious injury.
21. Reduce speed on slopes and in sharp turns to prevent tipping or loss of control. Always keep the tractor in gear when going down steep hills to take advantage of engine braking action.
22. Stay alert for holes in terrain and other hidden hazards.
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(s) or wheel weights when suggested in 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 vehicle while in operation.
26. Handle gasoline with care. It is highly flammable.
    A. Use approved gasoline container.
    B. Never remove cap or add gasoline to a running or hot engine or fill fuel tank indoors. Wipe up spilled gasoline.
    C. Open doors if engine is run in garage. Exhaust fumes are dangerous. Do not run engine indoors.

27. Keep the vehicle and attachments in good operating condition, and keep safety devices in place. Use guards as instructed in operator's manual.
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 engine to cool before storing in any enclosure.
30. To reduce fire hazard, keep engine free of grass, leaves or excessive grease.
31. The vehicle and attachments should be stopped and inspected for damage after striking a foreign object. The damage should be repaired before restarting and operating the equipment.
32. Do not change the engine governor settings or overspeed the engine.
33. When using the vehicle with mower, proceed as follows:
    (1) Mow only in daylight or in good artificial light.
    (2) Never make a cutting height adjustment while engine is running if operator must dismount to do so.
    (3) Shut the engine off and wait until the blade comes to a complete stop before removing the grass catcher.
    (4) Check blade mounting bolts for proper tightness at frequent intervals.
34. Check grass catcher bags frequently for wear or deterioration. For safety protection, replace only with new bag meeting original equipment specifications.
35. Look behind to make sure the area is clear before placing the transmission in reverse and continue looking behind while backing up. Disengage blades before shifting into reverse and backing up.
36. This unit should not be driven up a ramp onto a trailer or truck under power, because the unit could tip over, causing serious personal injury. The unit must be pushed manually to load properly.

This owner's manual covers two different styles of lawn tractors. Examine the hood, grille and fenders on your unit, and determine if it is Style A or Style B as shown below. Follow only the instructions which pertain to your style unit.



Style A



Style B

ASSEMBLY

NOTE

This unit is shipped WITHOUT GASOLINE or OIL. After assembly, see separate engine manual for proper fuel and engine oil recommendations.

This owner's manual covers various models of lawn tractors. The units illustrated may vary from your unit. Follow only the instructions which pertain to your style unit (refer to page 4).

BATTERY INFORMATION

WARNING

A. Battery acid must be handled with great care as contact with it can burn and blister the skin. It is also advisable to wear protective clothing (goggles, rubber gloves and apron) when working with it.*

B. Should battery acid accidentally splatter into the eyes or onto the face, rinse the affected area immediately with clean cold water. If there is any further discomfort, seek prompt medical attention.

C. If acid spills on clothing, first dilute it with clean water, then neutralize with a solution of ammonia/water or baking soda/water.

D. Since battery acid is corrosive, do not pour it into any sink or drain. Before discarding empty electrolyte containers, rinse them with a neutralizing solution.

E. NEVER connect or disconnect charger clips to battery while charger is turned on as it can cause sparks.

F. Keep all lighted materials (cigarettes, matches, lighters) away from the battery as the hydrogen gas generated during charging can be combustible.

G. As a further precaution, only charge the battery in a well-ventilated area.

***Always shield eyes, protect skin and clothing when working near batteries.**

DANGER

Battery contains sulfuric acid. Antidote: EXTERNAL—Flush with water. INTERNAL—Drink large quantities of water or milk. Follow with milk of magnesia, beaten egg or vegetable oil. Seek prompt medical attention. EYES: Flush with cool water for at least 15 minutes, then seek immediate medical attention.

Since batteries produce explosive gases, keep all lighted materials (cigarettes, lighters, matches, etc.) away. Be sure to charge battery only in well-ventilated areas.

KEEP BATTERIES OUT OF THE REACH OF CHILDREN.

ACTIVATING THE BATTERY

1. Place the battery to be filled on a workbench. Never activate a battery in the unit.
2. Slip one end of battery drain tube on the battery manifold.
3. Remove the fill caps from all cells.
4. Fill each cell carefully using 1.265 specific gravity electrolyte. Fill each cell to the top of the separators. Do not overfill.
5. Let the battery sit for 20 minutes to allow the chemical reaction to take place.
6. Charge the battery at a MAXIMUM RATE OF 5 AMPS. until the specific gravity reads 1.265. Use a hydrometer to check the specific gravity.

CAUTION

An excessive rate of charge will damage the battery.

7. Check the level of electrolyte. Adjust level to bottom of split ring if necessary with electrolyte.
8. Replace fill caps.

CAUTION

After battery has been in service, add only distilled water, or pure drinking water. DO NOT ADD ACID.

NOTE

This engine is equipped with an alternator. The current for the battery charger alternator is unregulated. During normal operation, it is only necessary to charge the battery:

1. When it is activated for the first time.
2. Before winter storage.
3. Before using the lawn tractor after winter storage.

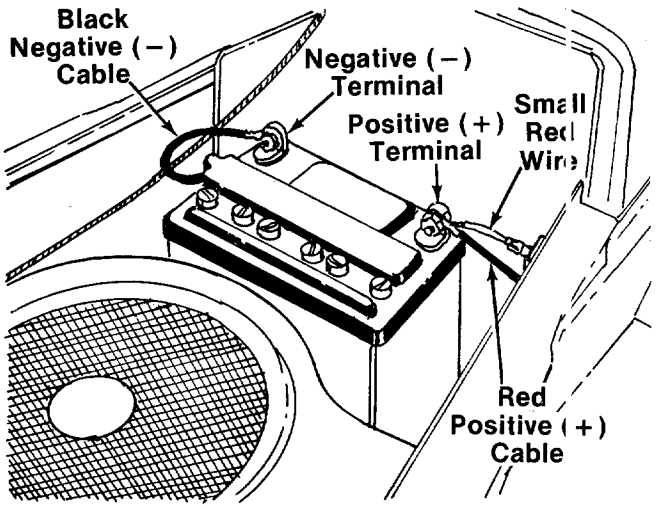


FIGURE 1.

INSTALLING THE BATTERY

NOTE

The positive battery terminal is marked Pos. (+). The negative battery terminal is marked Neg. (−).

1. Place the battery on the battery plate with the terminals towards the rear of the tractor.
2. Attach the positive cable (heavy red wire) and the small red wire (from the circuit breaker) to the positive battery terminal (+) with a ¼-20 x ¾" long bolt, lock washer and hex nut provided in the battery pack. See figure 1.
3. Attach the negative cable (heavy black wire) to the negative battery terminal (−) with the other ¼-20 x ¾" long bolt, lock washer and hex nut.

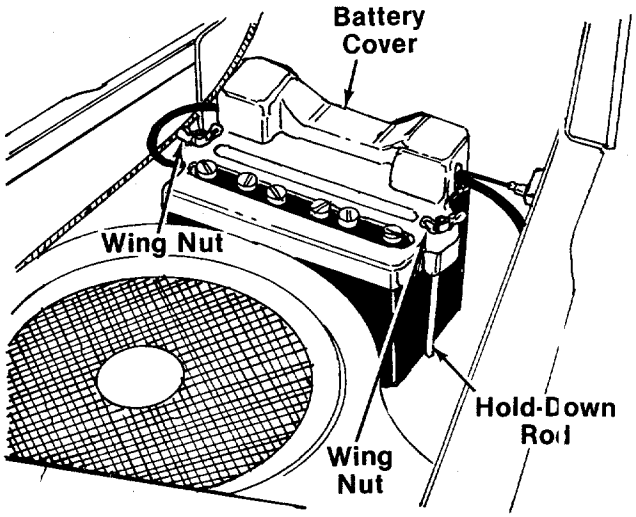


FIGURE 2.

4. Hook one hold-down rod into the hole in the battery plate beside the battery. See figure 2. Place the battery cover in position over the hold-down rod. Secure with wing nut. Attach other hold-down rod to the other side of battery cover in the same manner.

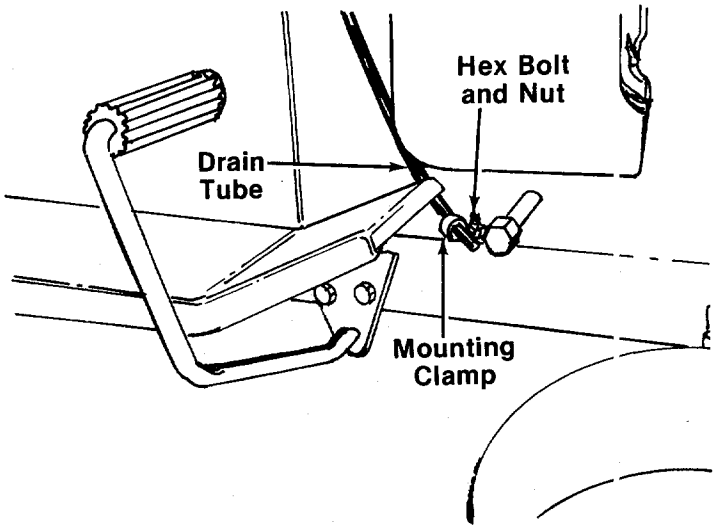


FIGURE 3.

5. Route the battery drain tube down beside the oil drain pipe on the right side of the tractor.

   11 H.P. Tractor—Secure battery drain tube to oil drain pipe with plastic tie provided. Cut off excess end of plastic tie.

   16 and 18 H.P. Tractor—Slip the end of the drain tube into the mounting clamp provided in hardware pack. Secure the mounting clamp to the tractor by placing the clamp over the hex bolt and nut which hold the engine pulley belt guard to the frame. Secure in place with hex lock nut provided in hardware pack. See figure 3.

NOTE

The vented battery allows any gases or liquid from the battery to be drained onto the ground.

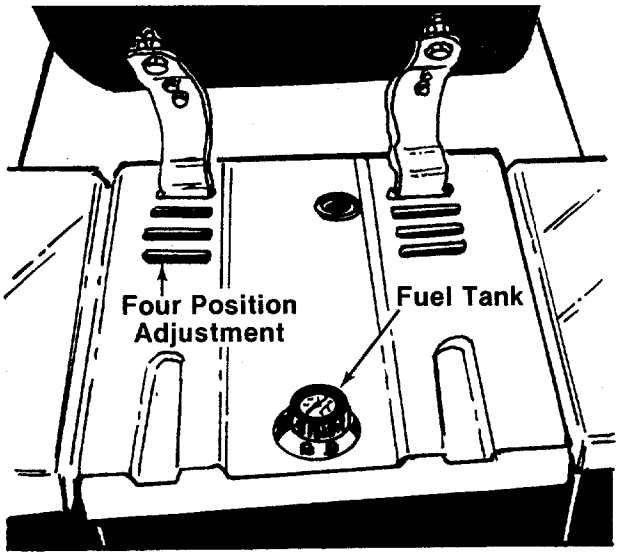


FIGURE 4A.—Style A

SEAT ASSEMBLY

Style A:

The seat can be adjusted to four positions. With the seat tipped forward, hook the front of the seat spring into the slots on the tractor frame. Allow the seat to pivot backwards until it rests on the rear of the springs. See figure 4A.

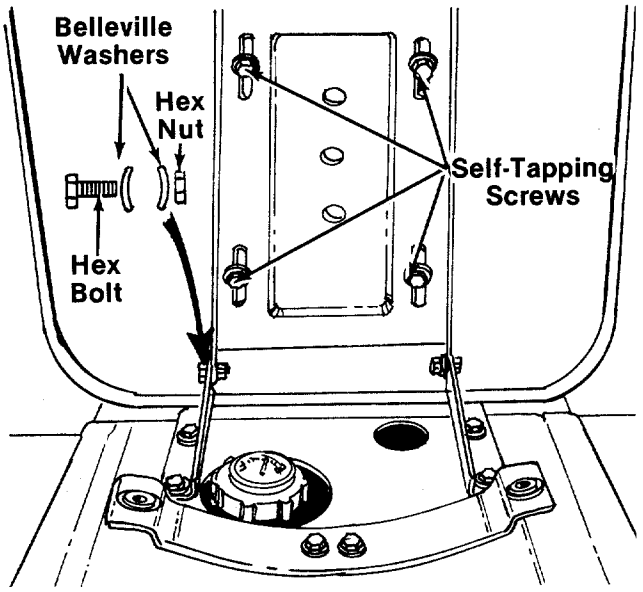


FIGURE 4B.—Style B

Style B:

Place the seat in position against the seat brackets. Secure each side of seat with ¾" long hex bolt, two belleville washers (on the inside and outside) and hex lock nut. Crown side of washers should be against the head of the bolt and the nut. See figure 4B.

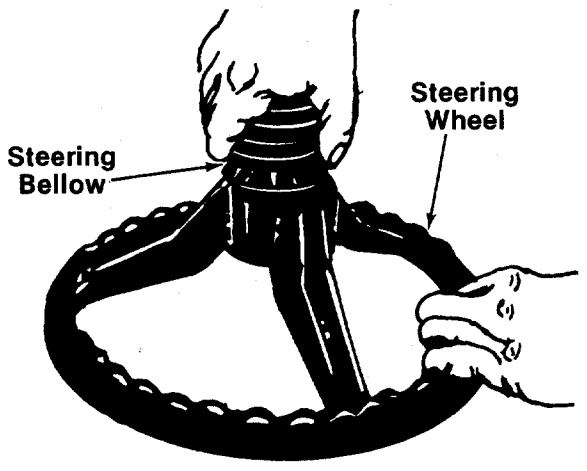


FIGURE 5.—Style B

STEERING WHEEL INSTALLATION

1. **Style B only:** There are four height positions for the steering wheel. For shipping purposes, the steering shaft is assembled in the lowest position. Lift the hood of the tractor. Remove the hairpin cotter and clevis pin on the steering shaft. Raise the shaft to desired position and secure with hairpin cotter and clevis pin. See reference numbers 56 and 57 on page 30.
2. **Style B only:** Attach the plastic steering bellow to the steering wheel as shown in figure 5.

NOTE

One end of the steering bellow is slightly larger than the other. The larger end must be assembled to the steering wheel.

3. Place steering wheel over the steering shaft, lining up the flats in the wheel with the flats on the shaft.

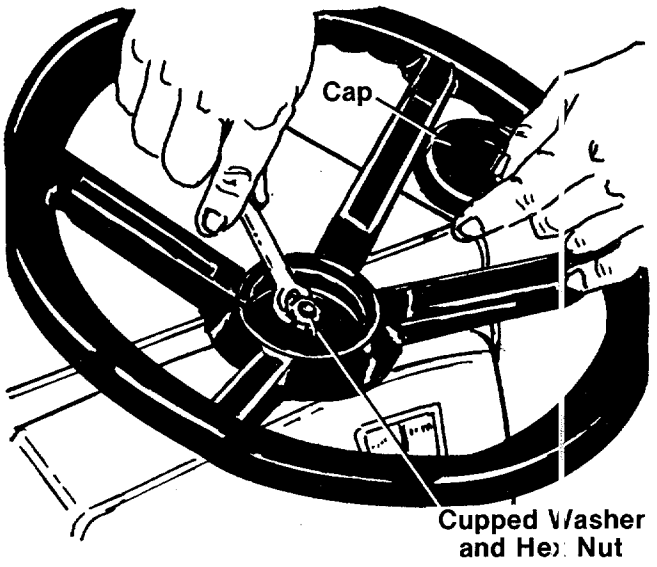


FIGURE 6.

4. Secure with cupped washer (cupped side against the steering wheel) and hex nut. See figure 6.
5. Press the steering wheel cap on the steering wheel by hand.

TIRE PRESSURE

For shipping purposes, the tires on your unit may be over-inflated. Tire pressure should be reduced before unit is put into operation. Recommended operating tire pressure should be 10 p.s.i.

Check sidewall of tire for manufacturer's maximum tire pressure. If this information does not appear on your tire, maximum tire pressure under any circumstances is 30 p.s.i. Equal tire pressure should be maintained on all tires.

CONTROLS

IGNITION SWITCH

The ignition switch is located in the center of the dashboard. Turn the key to the START position to start the engine. When the engine is running, leave the key in the ON position. To stop the engine, turn the key to the OFF position. See figure 7.

WARNING

Remove the key from the tractor when the tractor is not in use to prevent accidental starting.

THROTTLE CONTROL

The throttle control is located on the left side of the dashboard and is used to regulate the engine speed. See figure 7. The engine should be operated from ¾ to full throttle (FAST) when operating any equipment that uses the tractor engine as a source of power such as the mowing deck, snow thrower or rotary tiller.

CHOKE CONTROL (16 H.P. and 18 H.P. only)

The choke control is located on the right side of the dashboard and is operated manually. Details for the choke operation are covered in the separate engine manual packed with your unit. See figure 7.

LIGHT SWITCH

The head lamps are operated by pushing the light switch located on the dashboard. The head lamps will only operate when the engine is running. See figure 7.

AMMETER

The ammeter registers the rate of battery charge or discharge. The ammeter will register on the discharging side when starting the engine. It should register on the opposite side (charging) when the engine is running in the fast position until the battery is completely charged. With a fully charged battery or with the engine idling, the ammeter will not show a charge. See figure 7.

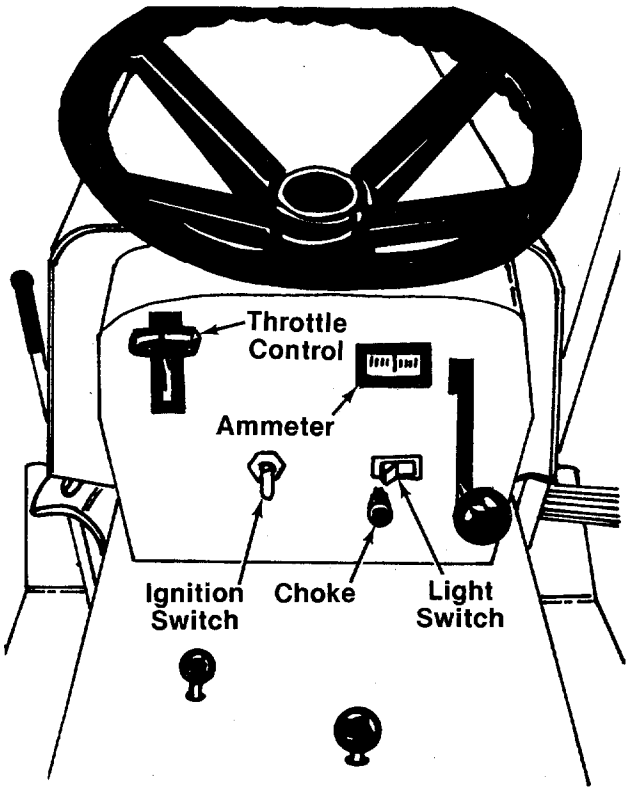


FIGURE 7.—Style A Shown

GASOLINE TANK

The gasoline tank is located under the tractor seat. Tip the seat forward to fill the tank. Refer to figure 4.

HYDROSTATIC CONTROL LEVER

A single control lever connected to the hydrostatic transmission controls both the speed and direction of the tractor. Infinite speed control is achieved by moving the control lever forward or backward. The farther forward or backward you move the control lever, the faster you will travel. Pulling the control lever into neutral (N) area will stop the tractor. To increase rear wheel torque (pulling power), move the control lever towards neutral (N) position. The lawn tractor responds similar to shifting to a lower gear with a gear type transmission. See figure 8.

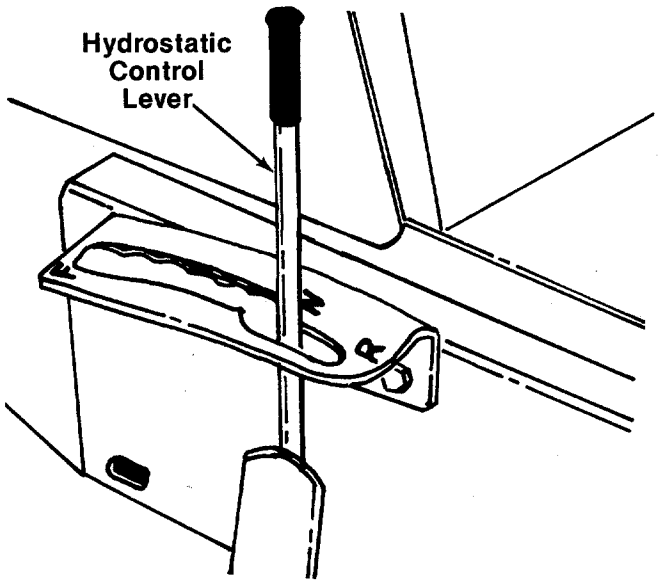


FIGURE 8.

CLUTCH-BRAKE PEDAL

The clutch-brake pedal is located on the right side of the lawn tractor. Depressing the pedal disengages the engine from the hydrostatic transmission and applies the brake. You can release the clutch pedal and resume the same speed without moving the hydrostatic control lever. See figure 9.

NOTE

The clutch-brake pedal must be depressed to start the engine.

PARKING BRAKE

To set the parking brake, depress the clutch-brake pedal and pull up the parking brake knob. It will stay in the raised position. To release the parking brake, depress and release the clutch-brake pedal. See figure 9.

RELIEF VALVE

To move the lawn tractor without the engine running, pull up the relief valve and lock it in the raised position. This allows the rear wheels to roll. See figure 9.

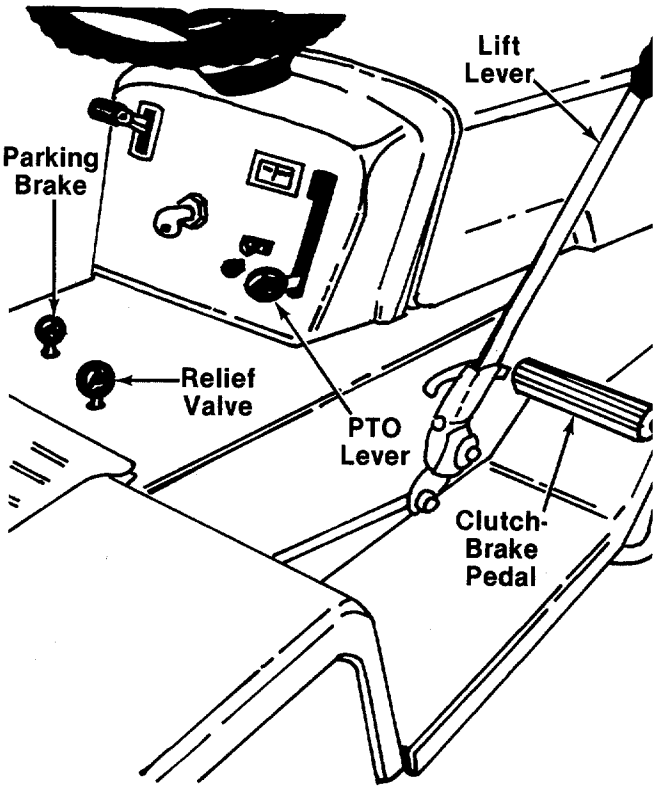


FIGURE 9.—Style A Shown

LIFT LEVER

The five position lift lever is used to change the operating position of the attachments. To operate, pull the lever towards you. To release, move the lever to the right and then forward. See figure 9.

POWER TAKE-OFF (PTO) LEVER

The PTO lever is located on the right side of the dashboard. To engage the PTO, lift the lever slowly and lock it into the notch. See figure 9.

NOTE

The PTO lever **must** be in the disengaged position (down) when starting the engine and when shifting into reverse.

OPERATION

CAUTION

1. Keep all shields in place.
2. Before leaving operator's position:
   a. Shift transmission to neutral
   b. Set parking brake
   c. Disengage attachment clutch
   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.
5. Look to the rear before backing up.

PREPARATION

NOTE

When packaged for shipment, the machine contains no oil or gasoline. Before starting the engine, oil must be added to the engine crankcase and gasoline to the tank. DO NOT mix oil with gasoline.

1. Put oil in engine crankcase. Refer to separate engine manual packed with your unit for engine oil recommendations.
2. Fill the fuel tank with clean, fresh, lead-free, low-lead or regular grade leaded gasoline.

OPERATING THE TRACTOR

NOTE

This unit is equipped with a safety interlock system for your protection. The purpose of the safety interlock system is to prevent the engine from cranking or starting unless the clutch-brake pedal is depressed and the PTO lever is in the disengaged position. In addition, the PTO lever must be in the disengaged position when the unit is put into reverse or the engine will shut off.

WARNING

Do not operate the tractor if the interlock system is malfunctioning because it is a safety device, designed for protection.

1. Place the PTO lever in the disengaged (down) position.
2. Depress the clutch-brake pedal and set the parking brake.
3. Place the hydrostatic control lever in the "NEUTRAL" (N) position.
4. Set the throttle control in the "FAST" position.
5. **16 H.P. and 18 H.P. only**—Pull out the choke control. A warm engine requires less choking.
6. Turn the ignition key to the right to the "START" position. After the engine starts, release the key. It will return to the "ON" position.
7. **16 H.P. and 18 H.P. only**—Slowly push in the choke as the engine warms up.
8. Depress the clutch-brake pedal so the parking brake is released and then release the clutch-brake pedal.
9. Move the hydrostatic control lever forward. The farther forward you move the hydrostatic control lever, the faster you will travel.
10. To stop the tractor, pull the hydrostatic control lever into "NEUTRAL" (N) or depress the clutch-brake pedal.
11. To shut off the engine, turn the ignition key to the left to the OFF position. Remove the key to prevent accidental starting while equipment is unattended.

IMPORTANT

If you strike a foreign object, stop the engine. Remove wire from spark plug, thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower.

ADJUSTMENTS

WARNING

Disconnect the spark plug wire and ground against the engine before performing any adjustments, repairs or maintenance.

SEAT ADJUSTMENT

Style A:

The tractor seat is adjustable to four positions. To change positions, tip the seat all the way forward and lift it out of the slots on each side. Refer to figure 4A.

Style B:

To adjust the position of the seat, loosen the four self-tapping screws on the bottom of the seat. See figure 4B. Slide the seat forward or backward as desired. Retighten the self-tapping screws.

HYDROSTATIC CONTROL ADJUSTMENT

The hydrostatic transmission control is in correct adjustment when the tractor does not move with the engine running, the clutch engaged and the hydrostatic control lever in the neutral position.

If adjustment is necessary, follow these steps:

1. Raise both rear wheels off the ground by placing blocks under the rear frame.
2. Loosen both lock nuts on both ends of the connecting rod. See figure 10.
3. Place the hydrostatic control lever in the neutral position.
4. Start the tractor.
5. Release the clutch-brake pedal.

NOTE

DO NOT set the parking brake or the relief valve.

WARNING

Be careful of the cooling fan on the front of the hydrostatic transmission.

6. Turn the connecting rod back and forth until the rear wheels do not rotate.
7. Shut off the engine.
8. Tighten both lock nuts on the connecting rod.
9. Remove the blocks under the tractor frame and test the tractor operation.

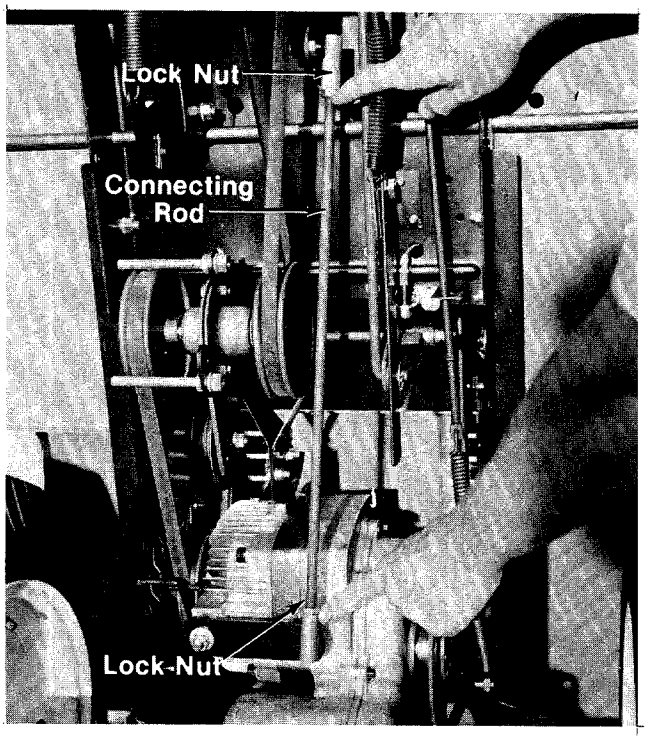


FIGURE 10.

REAR WHEEL TRACK ADJUSTMENT

The distance between the rear wheels can be changed from wide to narrow by removing the rear wheels one at a time and reversing them on the hub.

With the rear wheels in the narrow position, the outside of the rear wheels is even with the outside of the front wheels.

With the rear wheels in the wide position, the inside of the rear wheels is even with the outside of the front wheels.

BRAKE ADJUSTMENT

During normal operation of this machine, the brakes are subject to wear and will require periodic examination and adjustment.

CAUTION

Do not adjust the brake while the engine is running. Be sure to block the wheels of the tractor before making the brake adjustment.

1. Loosen the outside lock nut. See figure 11.
2. Turn the inside lock nut in until it locks the disc.

3. Back off the inside lock nut one complete turn.
4. Tighten the outside lock nut.
5. Test the brake operation.

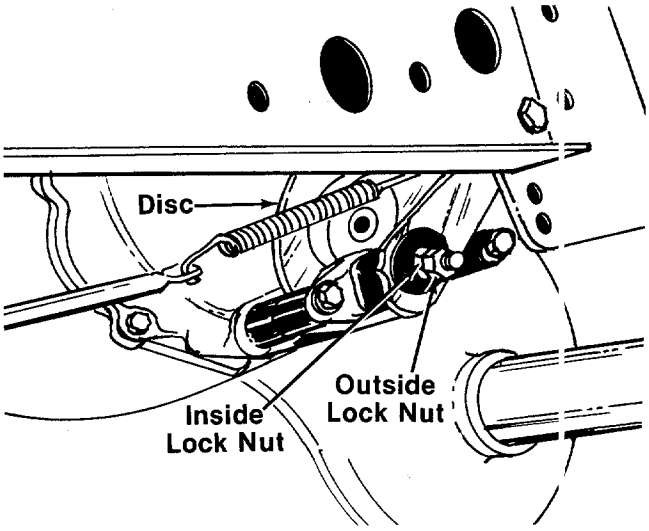


FIGURE 11.

CARBURETOR ADJUSTMENTS

WARNING

If any adjustments are made to the engine while the engine is running (e.g. carburetor), disengage all clutches and blades. Keep clear of all moving parts. Be careful of heated surfaces and muffler.

Minor carburetor adjustments may be required to compensate for differences in fuel, temperature, altitude and load.

Refer to separate engine manual for carburetor adjustment information.

STEERING WHEEL ADJUSTMENT

Style B Only:

There are four height positions for the steering wheel. To adjust the height of the steering wheel, remove the hairpin cotter and clevis pin on the steering shaft. Place the steering wheel in the position desired and secure with hairpin cotter and clevis pin. See reference numbers 56 and 57 on page 30.

LUBRICATION

STEERING GEARS

Wipe off the old grease and dirt. After every 25 hours of operation place an automotive multi-purpose grease in the teeth of the segment and pinion gears. See figure 12.

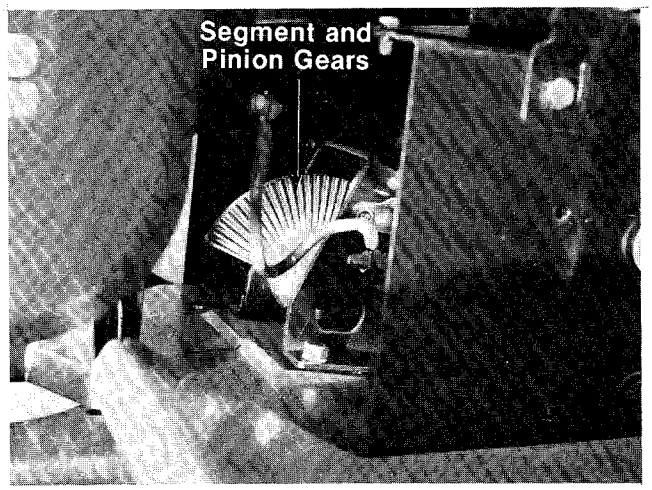


FIGURE 12.

TRANSAXLE

Check the oil level four times a year. Lubricant should be at the point of overflowing. Use SAE E.P. 90 oil. Drain and refill every two years. Capacity 2¾ pints. See figure 13.

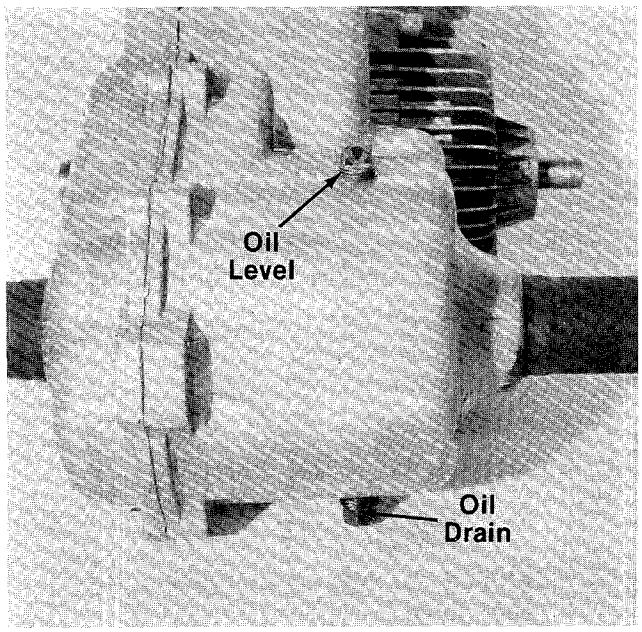


FIGURE 13.

LINKAGE

Once a season lubricate all the pivot points on the clutch, brake and lift linkage with SAE 30 engine oil.

FRONT WHEELS

The front wheels are provided with grease fittings. Lubricate at least once a season with automotive multi-purpose grease.

PIVOT POINTS

Lubricate all pivot points with light oil at least once a season.

BALL JOINTS

The ball joints and drag link ends are permanently lubricated.

HYDROSTATIC OIL LEVEL

The transmission has been filled at the factory and should not require changing for the life of the transmission. The following oils can be used: Texaco 2209, General Motors Dexron B, Ford M2C-33F, Mobile Fluid 300, or a good quality SAE 20 High Detergent oil.

CAUTION

Never use a multi-viscosity oil.

The transmission fluid level should be checked prior to initial use. The level should not be above the COLD mark which is about ¼" from the bottom of the reservoir/expansion tank. See figure 14.

CAUTION

Overfilling reduces the expansion area in the reservoir/expansion tank and fluid will spill at operating temperatures.

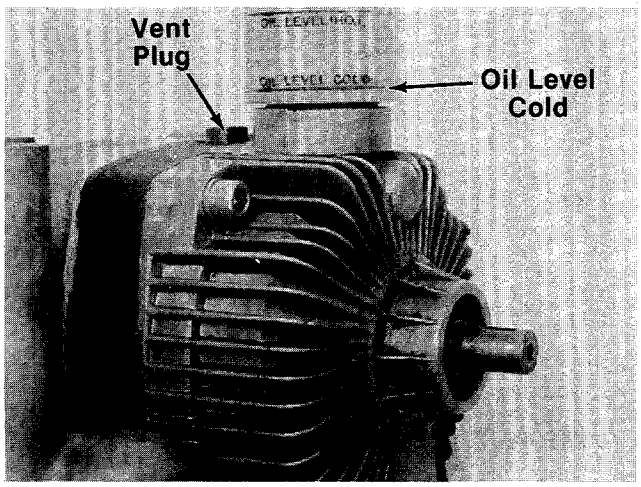


FIGURE 14.

To check or add fluid to the transmission:

1. Unscrew the parking brake and relief valve knobs.
2. Unscrew the two screws holding the access cover located in front of the seat.
3. Check the oil level in the reservoir/expansion tank. See figure 14.
4. If it is necessary to add oil, unscrew the cap on the reservoir/expansion tank and add oil through the hole with a funnel. Do not overfill. See figure 15.
5. Reassemble parts.

If frequent additions are required, locate the leak and correct. Inadequate supply of fluid may result in permanent internal damage.

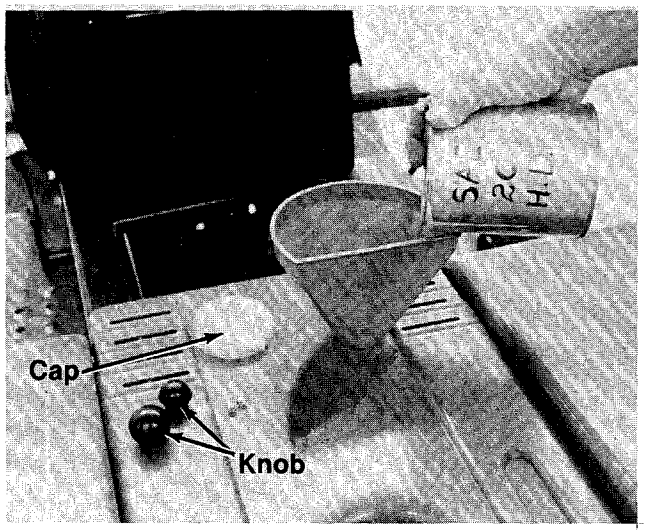


FIGURE 15.

If contaminate is observed on the reservoir/expansion tank screen, poor maintenance is indicated. Remove the reservoir/expansion tank, wash clean, dry and reinstall. If the screen is pierced, the reservoir/expansion tank should be replaced.

CAUTION

The threads on the reservoir/expansion tank are left hand thread.

If the natural color of the transmission fluid has changed, black or milky, overheating and/or water contaminate is indicated. The fluid should be drained and replaced with new transmission fluid.

To drain the hydrostatic transmission, remove the hex plug on the bottom of the hydrostatic transmission.

To fill the hydrostatic transmission, remove the vent plug located next to reservoir/expansion tank to prevent an air lock. Replace vent plug.

Hydrostatic Transmission Cooling

The hydrostatic transmission is cooled by the oil, fan and fins. Normal operating temperature is 180°F. If the hydrostatic transmission runs hot, check to see if the fan is in operating condition, the oil level is correct and the fins are clean.

CAUTION

DO NOT use high pressure water spray or steam to clean the hydrostatic transmission.

MAINTENANCE

WARNING

Disconnect the spark plug wire and ground against the engine before performing any adjustments, repairs or maintenance.

TROUBLE SHOOTING

Refer to the chart on page 18 for trouble shooting engine problems.

CRANKCASE OIL

Check the oil level in the crankcase before each use of the machine and after every two hours of operation. Oil level should be maintained as instructed in the separate engine manual.

After the first two hours of operating a new engine, drain the oil from the crankcase while engine is still hot and refill crankcase with new oil; thereafter change the oil after every 25 hours of operation. Refer to the engine manual.
engine manual.

FUEL SHUT-OFF VALVE AND FILTER (Optional) Style A Only

The valve and filter is located on the bottom of the gasoline tank located at the extreme rear of the tractor.

Turn the valve knob in to shut off the fuel flow. Turn the valve knob out to operate the tractor. See figure 16.

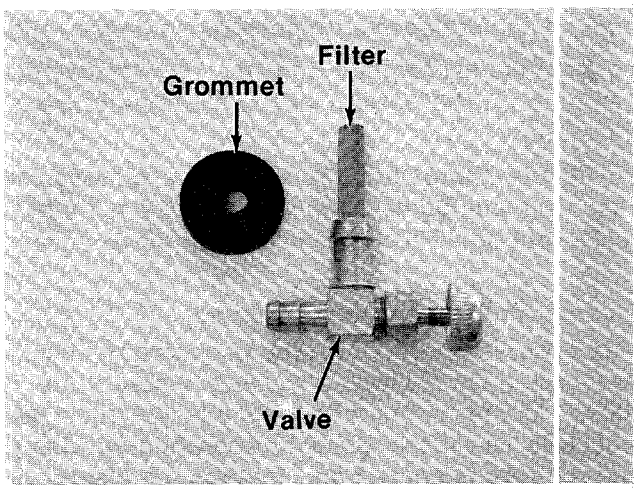


FIGURE 16.

The entire valve can be pulled out to clean the filter. When reassembling, place the rubber grommet into the gasoline tank first, then push the valve all the way in.

WARNING

Only use factory approved parts if repairs are needed on the gasoline tank, grommet, valve or gasoline line.

FUEL FILTER

If your unit does not have a fuel shut-off valve, it is equipped with a replaceable in-line fuel filter. Replace filter whenever contamination or discoloration is noticed. Order replacement filter through your authorized engine service dealer.

WHEEL ALIGNMENT

The front wheels should toe-in approximately 1/8". Measure the distances A and B on the front wheels. See figure 17.

NOTE

Dimension B should be approximately 1/8 inch less than dimension A.

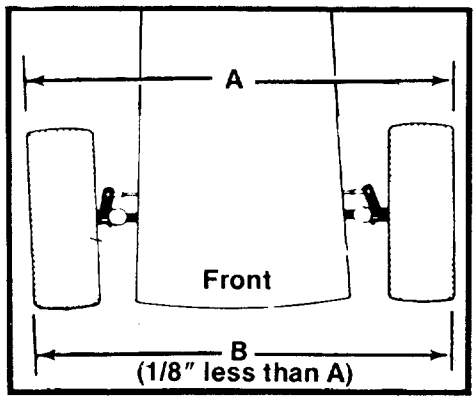


FIGURE 17.

To adjust the toe-in, loosen the hex jam nut, remove the elastic lock nut, lift the tie rod end out of the hole in the steering arm and screw the tie rod end in or out as necessary. See figure 16.

Reassemble the tie rod end after the correct alignment is made.

DRAG LINK

If the drag link or ball joints are changed, the new assembly must be adjusted to the exact same length as the original. If adjusted incorrectly, it will allow the tractor to turn sharper one direction than the other.

To take off the drag link, remove the nuts and lock washers holding the ball joint to the steering gear and left front axle bracket. See figure 18.

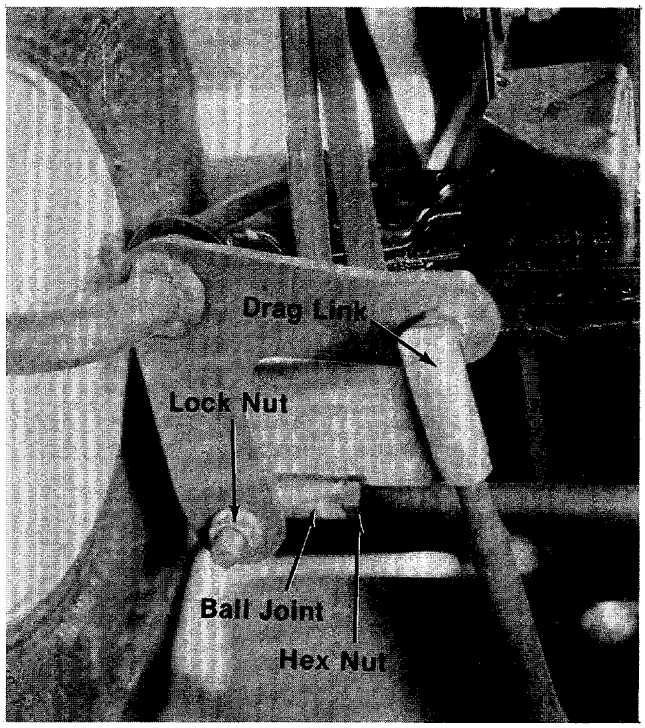


FIGURE 18.

ENGINE

Refer to separate engine manual for all engine maintenance procedures.

MAINTENANCE OF BATTERY

1. Check electrolyte level periodically (at least every two weeks). Keep the level to the split rings. Use only distilled water or a good quality drinking water. Never add acid or any other chemicals to the battery after initial activation.
2. The battery should be checked with a hydrometer after every 25 hours of operation. If the specific gravity is less than 1.225, the battery should be recharged. Maximum charge rate 5 AMPS.
3. Coat the terminals and exposed wire with a thin coat of grease or petroleum jelly for longer service and protection against corrosion.
4. The battery should be kept clean. Any deposits of acid should be neutralized with soda and water. Be careful not to get this solution in the cells.
5. Avoid tipping the battery. Even a "sealed" battery will leak electrolyte when tipped.

STORAGE OF THE BATTERY

1. Charge battery using normal methods. NEVER store discharged battery as it will not recover.
2. When storing battery for extended periods, disconnect battery cables. Removing battery from unit is recommended.
3. Store in cold, dry place.
4. Recharge battery whenever the specific gravity is less than 1.225, before returning to service, or every two months, whichever occurs first.

COMMON CAUSES FOR BATTERY FAILURE

1. Overcharging
2. Undercharging
3. Lack of water
4. Loose hold downs and/or corroded connections
5. Excessive loads
6. Battery electrolyte substitutes
7. Freezing of electrolyte

NOTE

These failures do not constitute warranty.

BATTERY REMOVAL OR INSTALLATION

WARNING

When removing the battery, follow this order of disassembly to prevent your wrench from shorting against the frame.

1. Remove the Negative cable.
2. Remove the Positive cable.

To install a battery:

1. Attach the Positive cable.
2. Attach the Negative cable.

JUMP STARTING

1. Attach the first jumper cable from the Positive terminal of the good battery to the Positive terminal of the dead battery.
2. Attach the second jumper cable from the Negative terminal of the good battery to the FRAME OF THE UNIT WITH THE DEAD BATTERY.

WARNING

Failure to use this starting procedure could cause sparking, and the gases in either battery could explode.

INSTALLATION OF TIRE TO RIM

WARNING

The following procedure must be followed when removing or installing a tire to the rim.

1. Be sure rim is clean and rust free.
2. Lubricate both the tire and rim generously.
3. Never inflate to over 30 p.s.i. to seat beads. Excessive inflation pressure when seating beads may cause tire/rim assembly to burst with force sufficient to cause serious injury.

CHANGING THE DRIVE BELT

1. If a cutting deck is attached to your tractor, remove it. Remove the battery.
2. Depress the clutch pedal and set the parking brake.
3. Raise and block the front wheels of the tractor so you can work under it.
4. Unscrew the belt guard release next to the engine pulley. See figure 19.

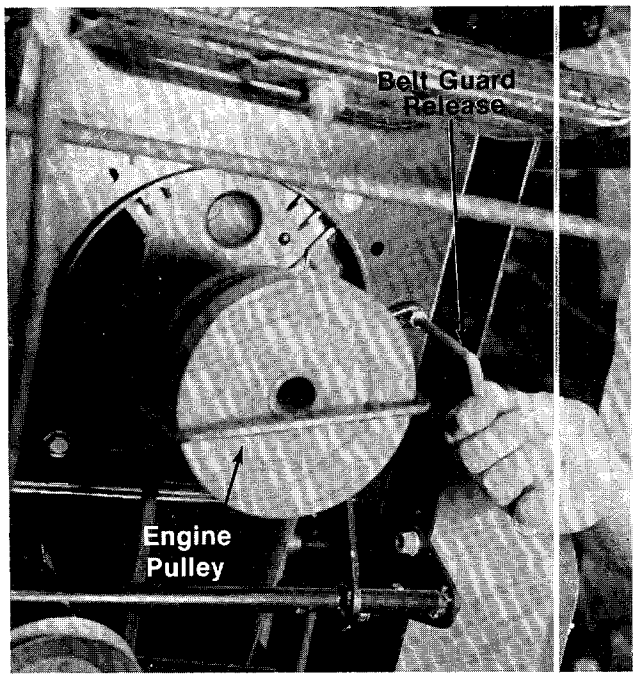


FIGURE 19.

5. Swing the belt guard forward towards the front of the tractor.

WARNING

Observe the way the belt is twisted. If the new belt is installed backwards, the tractor will run backwards.

6. Loosen the stop bolt behind the pulley assembly so the pulley assembly will pivot forward enough to remove the V-belt.
7. Using a bar or large screwdriver, pry the pulley assembly towards the front of the tractor and unhook the belt from the pulley. See figure 20.
8. Install the new belt by hooking it over the engine pulley and twisting the belt to the left as you attach it to the pulley.
9. Test the operation of the tractor to assure the belt has been installed correctly.

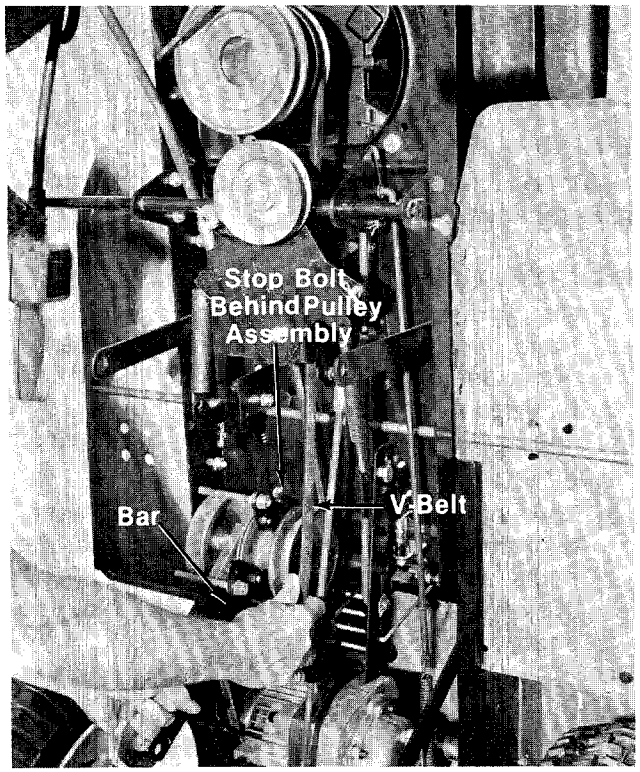


FIGURE 20.

Removing the Rear (Clutch) Belt

1. Remove the cutting deck (if one is attached) and battery.
2. Raise and block the front wheels of the tractor so you can work under it.
3. Depress the clutch-brake pedal and set the parking brake.
4. Remove the two belt guard pins on the pulley assembly. See figure 21.

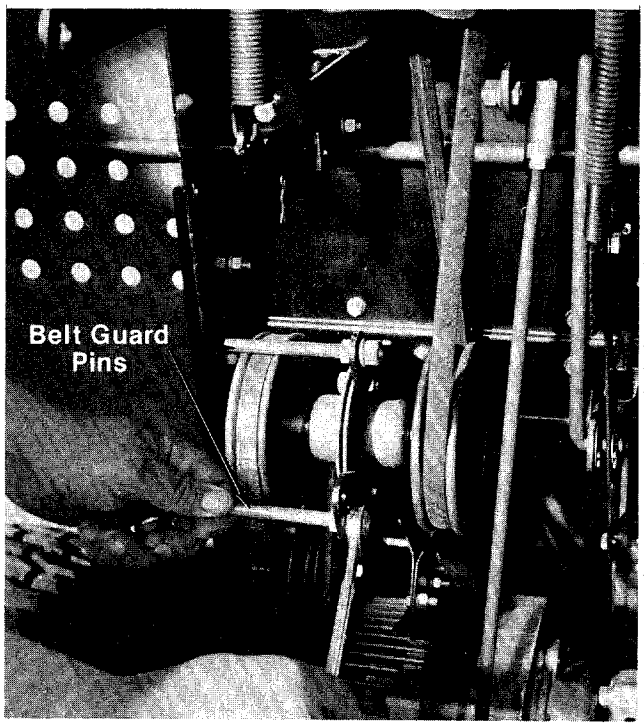


FIGURE 21.

5. Take off the idler assembly by removing the center bolt.

NOTE

Be sure the belt clip is reassembled the same way. See figure 22.

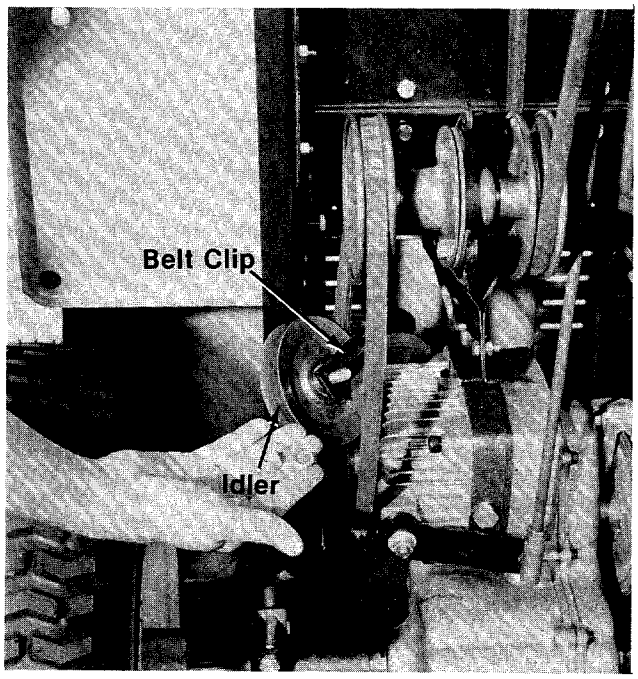


FIGURE 22.

6. Take off the round wire belt guard around the hydrostatic pulley by removing the two screws through the frame.
7. Loosen the frame bolt holding the rear axle bracket to the frame. See figure 23.
8. Pry the frame over about ¼" and remove the V-belt.
9. Reassemble in reverse order with a new V-belt.

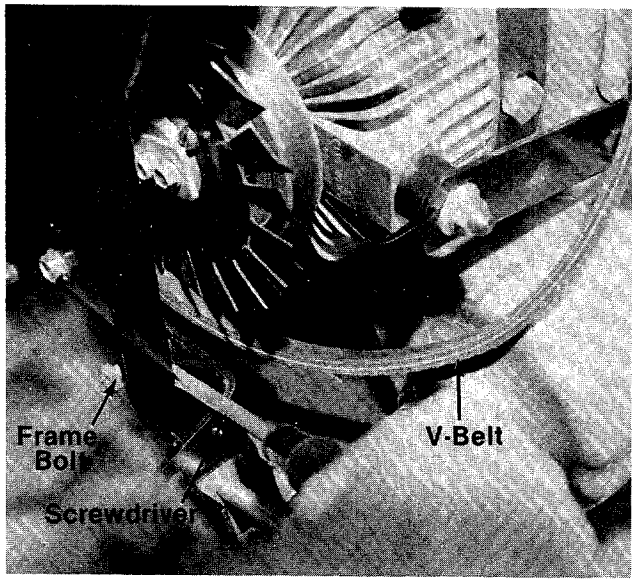


FIGURE 23.

OFF-SEASON STORAGE

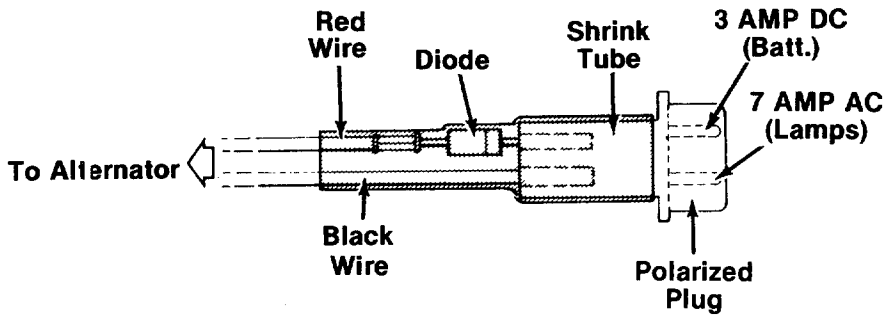
If the machine is to be inoperative for a period longer than 30 days, prepare for storage as follows.

1. Clean the engine and the entire unit thoroughly.
2. Lubricate all lubrication points. Wipe the entire machine with an oiled rag to protect the surfaces.
3. Refer to the engine manual for correct engine storage instructions. The engine must be completely drained of fuel to prevent gum deposits from forming on essential carburetor parts, fuel lines and fuel tanks.
4. Refer to battery storage instructions on page 15.
5. Store unit in a clean, dry area.

CAUTION

When storing any type of power equipment in an unventilated or metal storage shed, care should be taken to rust proof the equipment. Using a light oil or silicone, coat the equipment, especially any chains, springs, bearings and cables.

TROUBLE SHOOTING CHART FOR ELECTRIC START MODELS

TROUBLE	LOOK FOR	REMEDY
Engine will not crank	Battery installed incorrectly	The battery must be installed with the negative, identified at the terminal post by (Neg, N or -) grounded. The positive (Pos, P or +) attaches to the large cable from the solenoid. The small red wire from the fuse holder or circuit breaker is also attached to the positive terminal.
	Blown fuse or circuit breaker	Replace fuse with 7½ amp. fuse ¼ x 1¼" lg. Circuit breaker will reset itself when it cools off. Fuses or circuit breakers seldom open or fail without a reason. The problem must be corrected. Check for loose connections in the fuse holder. Replace fuse holder if necessary. A dead short may be in the cranking or charging circuit where the insulation may have rubbed through and exposed the bare wire. Replace the wire or repair with electrican's tape if the wire strands have not been damaged. Note: Look for a wire pinched between body panels, burned by the exhaust pipe or muffler or rubbed against a moving part.
	Battery is dead or weak	Use a hydrometer to check the condition of the battery. The Specific Gravity (s.g.) should be 1.265 at 80° F. (1.215 s.g. minimum needed for cranking engine). The reason for the battery failing must be determined. (1) Defective battery. Battery will not accept or hold a full charge. (2) Short circuit. Check for grounded wire. (3) Charging system not working, either engine alternator or trickle charger. **Trickle Charger.** Check with multimeter. Charger 725-0578—input 120 V A.C., no load output 13.5 V D.C. rated load current 1 amp. Charger 725-0507—input 120 V A.C., no load output 17.4 V D.C., rated load current 1/2 amp. **Alternator** (dual or single circuit) The charging system is an alternator located under the flywheel. It is unregulated and rated 3 amp. at 3600 r.p.m. A diode (rectifier) is located in the output lead just before the wire harness plug on the engine side.  The diode changes A.C. to D.C. to charge the battery. A bad diode can either fail to charge the battery or discharge the battery if the alternator is shorted as well as the diode. To test: (1) Disconnect charger lead from the battery (small red wire). (2) Connect 12 V small test lamp between the 3 amp. D.C. charge lead and the positive terminal of the battery. (3) With the engine off, the lamp should not light. If it does, the diode and possibly the alternator should be replaced. (4) Start the engine. The lamp should light. If it does not,the alternator (stator) or lead wire is bad and should be replaced.
	Mechanical failure. (Wires and switches)	The interlock system includes two mechanical activated switches which are wired in series in the circuit used to energize the starter solenoid. While testing the interlock system, you will make the mower temporarily unsafe by permitting the engine to be started with the blade and clutch engaged. WARNING: While testing, disengage the clutch, shut off the blade control, set the parking brake and place the gear shift lever in neutral. Attach a wire (minimum 18 gauge) to the positive terminal of the battery and touch the other end to the small terminal on the solenoid. **If the engine does not crank:** (1) There is a loose connection or poor ground. (2) The solenoid may be bad. The solenoid can be checked by using a heavy wire (#8 gauge minimum) and jumping between the two large terminals. If the engine cranks, the solenoid is bad. (3) If the engine does not crank when you jump the solenoid, have the starter motor tested by an authorized engine dealer. If the engine does crank, the problem is with one of the safety switches, ignition switch or the wire between the fuse holder (or circuit breaker) and the small terminal on the solenoid. Note: Look for a poor connection at the switches or a defective switch. Replace if necessary.
Engine cranks but will not start	Throttle or choke not in starting position	Check owner's guide for correct position for throttle control and choke (if separate control) for starting.

TROUBLE SHOOTING CHART FOR ELECTRIC START MODELS

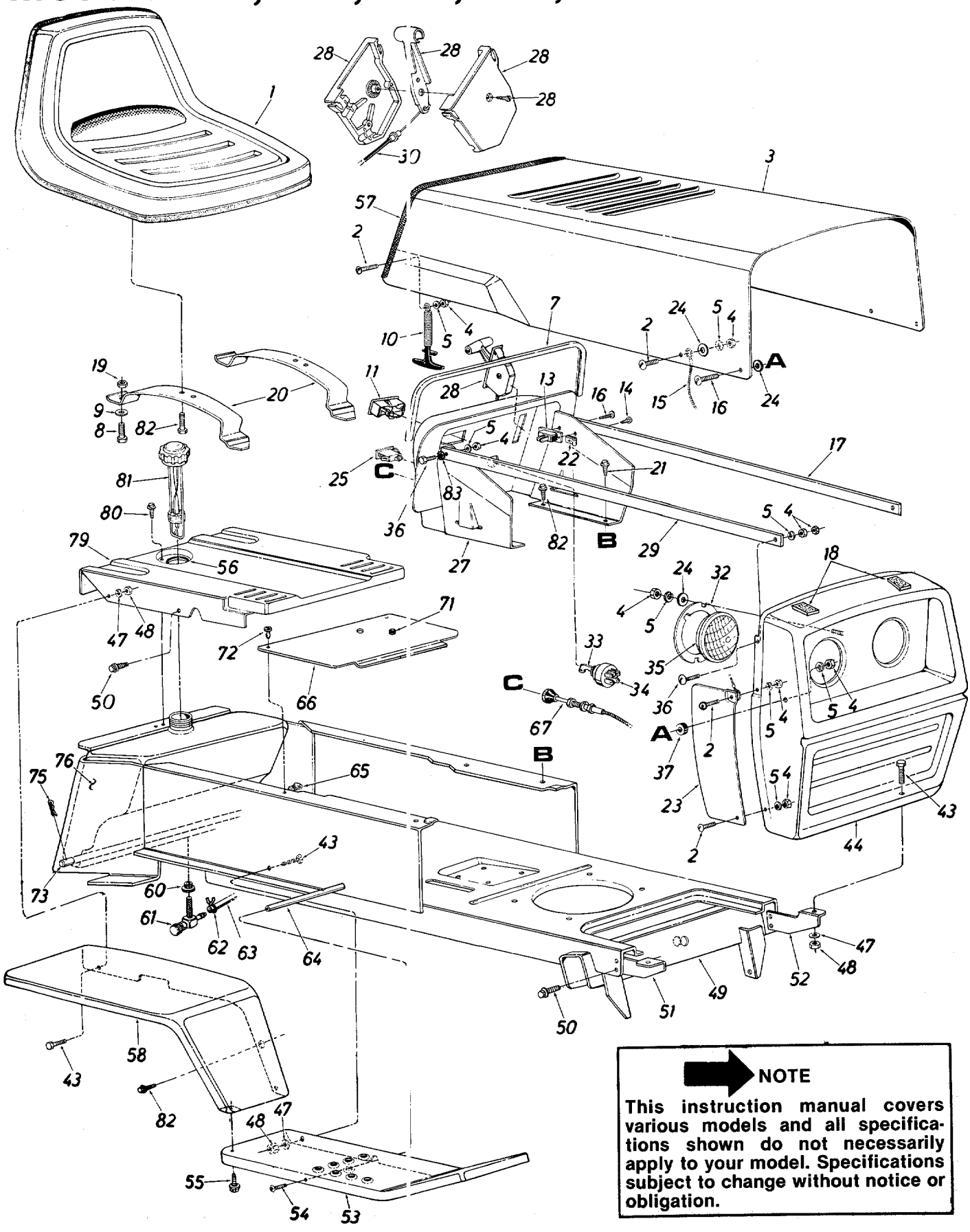
TROUBLE	LOOK FOR	REMEDY
	No spark to spark plug	Spark plug lead disconnected. Connect lead. Hold spark plug lead away from engine block about 1/8". Crank engine. There should be a spark. If not, have engine repaired at authorized engine service dealer. Faulty spark plug. To test, remove spark plug. Attach spark plug lead to spark plug. Ground the spark plug body against the engine block. Crank the engine. The spark plug should fire at the electrode. Replace if it does not.
	No fuel to the carburetor	Gasoline tank empty. Fill. Fuel valve shut off. Open valve. Valve is located either at the bottom of the fuel tank or on the carburetor. Fuel line plugged. Remove and clean.
	Air filter dirty	If the air cleaner is dirty, the engine may not start. Clean or replace as recommended by the engine manufacturer.
Engine smokes	Engine loses crankcase vacuum	Dipstick not seated or broken. Replace defective part. Engine breather defective. Replace.
Excessive vibration	Bent or damaged blade spindle	**Stop engine immediately.** Check all pulleys, blade adapters, keys and bolts for tightness and damage. Tighten or replace any damaged parts.
	Bent blade	**Stop engine immediately.** Replace damaged blade. Only use original equipment blades.
Mower will not discharge grass or leaves uncut strips	Engine speed low Transmission selection Blades short or dull	Throttle must be set between 3/4 and full throttle. Use lower transmission gear. The slower your ground speed, the better the quality of cut. Sharpen or replace blades (uncut strip problem only).

HYDROSTATIC TRANSMISSION TROUBLE SHOOTING

No output torque (power) in either direction, cold start.	1. Recheck relief valve position, control linkage, input drive. 2. Oil level in reservoir low. 3. Broken control shaft dowel pin. Transmission must be repaired or replaced.
Loss of output torque, continuous load	1. Operating at conditions approaching hydraulic stall. The transmission fluid has exceeded 180°F. 2. Internal leakage due to wear. Transmission should be repaired or replaced. 3. Water in transmission fluid. Purge system of all fluid and replace with new transmission fluid. Replacement of the transmission is generally not necessary.
No output torque in one direction.	1. One of the directional valves is stuck. Transmission should be repaired or replaced. 2. Low oil level.
Riding mower cannot be pushed with engine off.	1. Relief valve control not set. 2. Relief valve travel not adjusted. 3. Motor piston or rotor seized. Transmission must be repaired or replaced.
No neutral.	Recheck linkage. Loose linkage creates an adjustment problem. Note: The hydraulic neutral band is very narrow. Deflection in the linkage may make it difficult to obtain neutral from both directions. It is recommended that neutral should be positive from forward drive.
Oil leakage at the control shaft seal	1. Spillage when fluid has been added to the reservoir. 2. Spillage at the vent in the reservoir at operating temperatures due to cold level being too high or water in the fluid. Reduce fluid level or replace fluid in the event there is water in it (milky color). 3. Loose oil reservoir or cover. 4. Loose vent bolt. 5. Damaged control shaft seal. Transmission should be repaired.
Noisy operation.	1. Operating at part throttle. Hydrostatic transmission is designed to operate with the engine running at full throttle. 2. Water in transmission fluid. Replace transmission fluid. 3. Air in transmission fluid. Bleed air from vent.
Output shaft rotates in the opposite direction.	The transmission body is 180° out of position. Transmission has to be removed and reassembled correctly.

NOTES

Models 760, 764, 784, 786, 794 and 796



NOTE

This instruction manual covers various models and all specifications shown do not necessarily apply to your model. Specifications subject to change without notice or obligation.

Models 760, 764, 784, 786, 794 and 796

PARTS LIST FOR MODELS 760, 764, 784, 786, 794 AND 796 LAWN TRACTORS

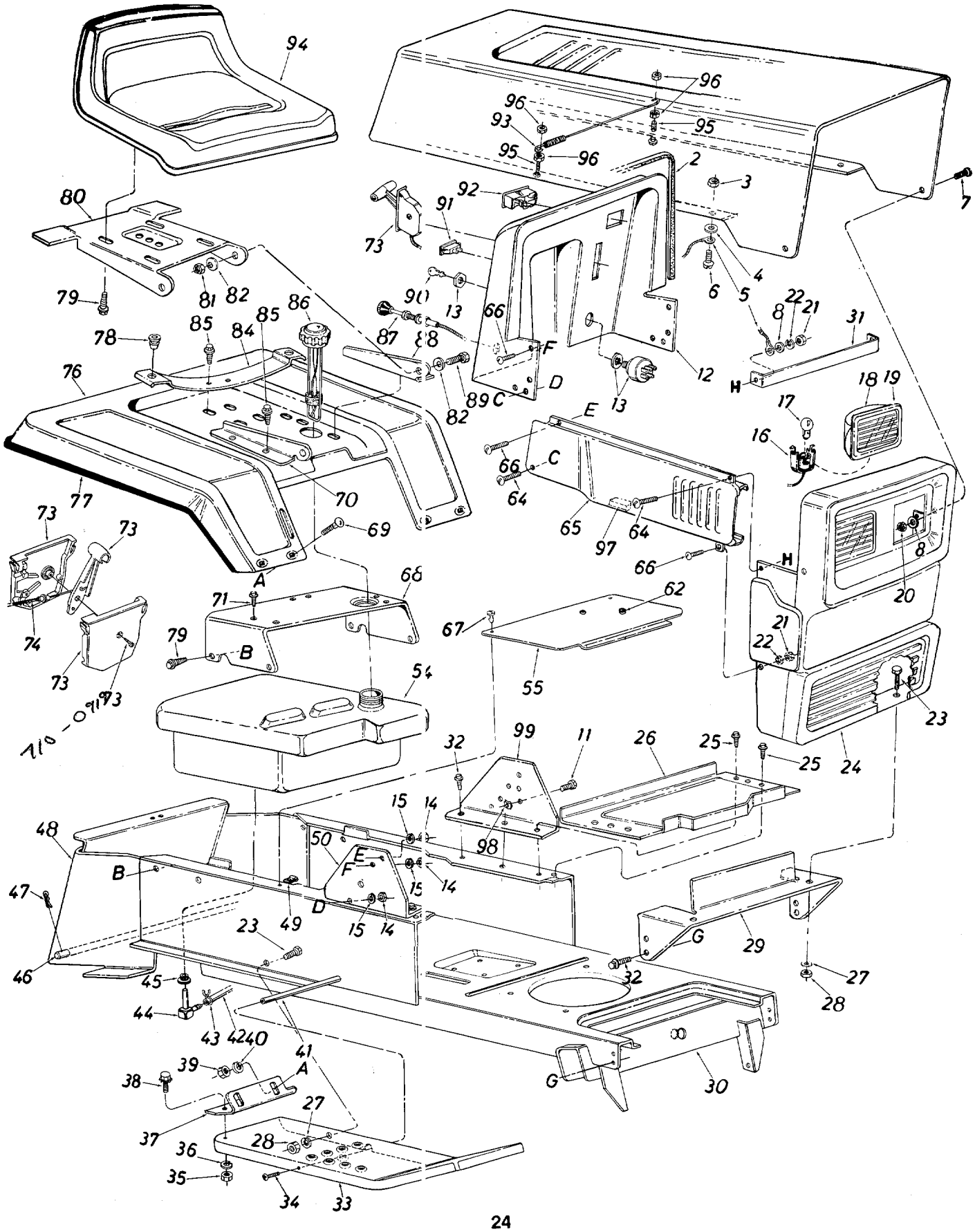
REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	757-0298		Seat Assembly	
2	710-0286		Truss Mach. Scr. ¼-20 x .50" Lg.*	
3	13808	—447	Hood	
4	712-0287		Hex Nut ¼-20 Thd.*	
5	736-0329		L-Wash. ¼" Scr.*	
7	731-0511		Vinyl Molding Strip—29"	
8	710-0689		Hex Nylon Scr. ½-13 x .75" Lg.	
9	736-0192		Fl-Wash. .50" I.D. x 1.00" O.D. x .090	
10	723-0296		Hood Latch Ass'y.	
11	725-0925		Ammeter	
13	725-0459		Circuit Breaker 8 Amp.	
14	710-0351		Hex Tap Scr. #10 x .50" Lg.*	
15	727-0199		Hood Stop	
16	710-0255		Truss Mach. Scr. ¼-20 x .75" Lg.*	
17	749-0220		Grille Positioning Rod	
18	722-0135		PVC Foam Strip ½ x 1.00" x 2.00" Lg.	
19	712-0206		Hex Nut ½-13 Thd.*	
20	13123		Seat Spring	
21	710-0599		Hex Thd. Rolling Scr. ¼" x .50" Lg.	
22	712-0344		Speed Nut #10Z	
23	14748	—462	Grille Side Panel—R.H.	
	14749	—462	Grille Side Panel—L.H. (Not Shown)	
24	736-0173		Fl-Wash. ¼" I.D.	
25	725-0634		Light Switch	
27	15939		Dash Panel Ass'y.	
28	831-0692		Throttle Control Box Comp.	
29	749-0220		Grille Positioning Rod	
30	746-0501		Throttle Control Wire (11 H.P.)	
	746-0503		Throttle Control Wire (16 and 18 H.P.)	
32	09960		Head Lamp Retainer	
33	725-0201		Ignition Key	
34	725-0267		Ignition Switch	
35	725-0222		Head Lamp	
36	710-0255		Truss Machine Scr. ¼-20 x .75" Lg.	
37	735-0144		Rubber Wash. .50" I.D. x 1.00 O.D. x .25 Thk.	
43	710-0118		Hex Scr. 5/16-18 x .75" Lg.*	
44	13801	—462	Grille Ass'y. (Painted)	
	14226		Grille Ass'y. (Chrome)	
47	736-0119		L-Wash. 5/16" Scr.*	
48	712-0267		Hex Nut 5/16-18 Thd.*	
49	13820		Lower Frame Ass'y.	
50	710-0726		Hex Thd. Rolling AB Scr. 5/16 x .75" Lg.	
51	13862		Grille Mount Brkt.—R.H.	
52	13863		Grille Mount Brkt.—L.H.	
53	13828	—452	Running Board—R.H.	
	13827	—452	Running Board—L.H. (Not Shown)	
54	710-0323		Truss Mach. Scr. 5/16-18 x .75" Lg.*	
55	710-0726		Hex Thd. Rolling Scr. 5/16-24 x .75" Lg.	
56	735-0179		Grommet (Gas Tank Neck)	
57	731-0511		Vinyl Moulding Strip—30"	
58	13810	—462	Fender Ass'y.—R.H.	
	13809	—462	Fender Ass'y.—L.H. (Not Shown)	
60	735-0143		Bushing (Gas Tank)	
61	751-0171		Fuel Shut-Off Valve (Optional)	
	751-3054		90° Nipple (Optional)	
62	726-0199		Hose Clamp 3/8"	
63	751-0173		Gas Line 46" Lg.	
64	738-0435		Running Board Rod	
65	712-0526		Speed Nut	
66	14023		Transmission Cover	
67	746-0394		Choke Control Comp. (16 and 18 H.P.)	
71	731-0405		Snap Bushing	
72	710-0473		Truss Hd. Scr. ¼-20 x .75" Lg.	
73	738-0482		Hitch Rod	
75	714-0147		Internal Cotter Pin	
76	751-0259		Gas Tank	
79	13814		Seat Plate	
80	710-0726		Hex Thd. Rolling Scr. 5/16-24 x .75" Lg.	
81	723-0346		Gas Gauge	
82	710-0726		Hex Thd. Rolling Scr. 5/16-24 x .75" Lg.	
83	736-0222		External Wash. ¼" I.D.	

*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

(447—Patina Silver)
(462—Red Flake)

When ordering parts if color is important, use the appropriate color code listed above. (e.g. 12369—462 Red Flake.)

Models 765, 785 and 795

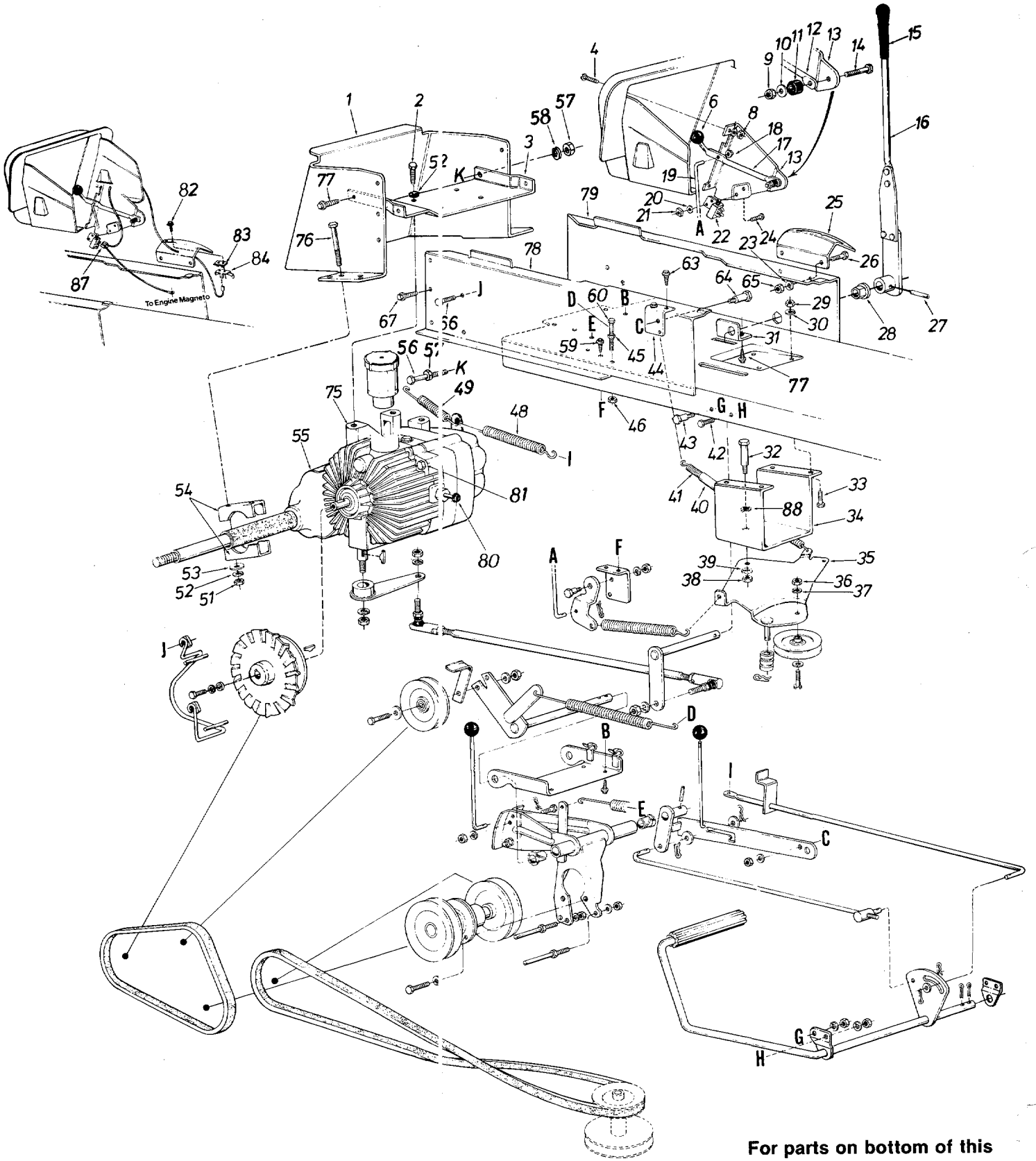


Models 765, 785 and 795

PARTS LIST FOR MODELS 765, 785 AND 795 LAWN TRACTORS

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	15808		Hood	N
2	731-0511		Vinyl Molding Strip—27″	
3	712-0272		Hex Sems Nut #10-24 Thd.	
4	736-0931		Fl-Wash. .20″ I.D. x .41″ O.D.	
5	727-0290		Hood Stop	
6	710-0473		Truss Hd. Mach. Scr. #10-24 x .50″ Lg.*	
7	710-0258		Hex Bolt ¼-20 x .62″ Lg.*	
8	736-0463		Fl-Wash. ¼″ I.D.*	
11	710-0351		Truss Mach. B-Tap Scr. #10 x ½″ Lg.	
12	15811		Dash Ass'y. (11 H.P.)	N
	15812		Dash Ass'y. (16 and 18 H.P.)	N
13	725-0267		Ignition Switch	
14	712-0287		Hex Nut ¼-20 Thd.*	
15	736-0329		L-Wash. ¼″ I.D.*	
16	725-0964		Socket	N
17	725-0963		Lamp	N
18	731-0705		Headlight Housing	N
19	731-0706		Lens	N
20	712-0107		Hex L-Nut ¼-20 Thd.	
21	712-0287		Hex Nut ¼-20 Thd.*	
22	736-0329		L-Wash. ¼″ I.D.*	
23	710-0118		Hex Bolt 5/16-18 x .75″ Lg.*	
24	15804		Grille	N
25	710-0599		Hex Wash. Hd. AB-Tap Scr. ¼ x .50″ Lg.	
26	13379		Battery Plate	
27	736-0119		L-Wash. 5/16″ I.D.*	
28	712-0267		Hex Nut 5/16-18 Thd.*	
29	15825		Grille Mounting Bracket	N
30	13820		Lower Frame Ass'y.	
31	15931		Tie Strap—Grille/Side Panel	N
32	710-0726		Hex Thd. Rolling Scr. 5/16-24 x .75″ Lg.	
33	13828		Running Board—R.H.	
	13827		Running Board—L.H. (Not Shown)	
34	710-0323		Truss Mach. Scr. 5/16-18 x .75″ Lg.*	
35	712-0267		Hex Nut 5/16-18 Thd.*	
36	736-0242		Bell-Wash. .34″ I.D.	
37	15846		Fender Brkt.—R.H.	N
	15847		Fender Brkt.—L.H. (Not Shown)	N
38	710-0118		Hex Bolt 5/16-18 x .75″ Lg.*	
39	712-0287		Hex Nut ¼-20 Thd.*	
40	736-0329		L-Wash. ¼″ I.D.*	
41	738-0435		Running Board Rod	
42	751-0173		Fuel Line 60″ Lg.	
43	726-0183		Hose Clamp 3/8″	
44	751-0188		90° Nipple	
45	735-0149		Bushing (Fuel Tank)	
46	738-0482		Hitch Rod	
47	714-0147		Internal Cotter Pin	
48	13813		Hitch Plate	
49	726-0156		Speed Nut	
50	15818		Dash Support Brkt.—R.H.	N
51	712-0267		Hex Nut 5/16-18 Thd.*	
52	736-0119		L-Wash. 5/16″ I.D.*	
53	710-0118		Hex Bolt 5/16-18 x .75″ Lg.*	
54	751-0367		Fuel Tank	N
55	15832		Transmission Cover Ass'y.	N
62	731-0405		Snap Bushing	
64	710-0255		Truss Hd. Scr. ¼-20 x .75″ Lg.*	
65	15814		Side Panel—R.H.	N
	15815		Side Panel—L.H. (Not Shown)	N
66	710-0286		Truss Mach. Scr. ¼-20 x .50″ Lg.*	
67	726-0151		Fastener	
68	15849		Seat Mounting Channel	N
69	710-0167		Carriage Bolt ¼-20 x .50″ Lg.*	
70	15802		Seat Bracket—R.H.	N
71	710-0600		Hex Wash. Hd. Self-Tap Scr. 5/16-24 x .50″ Lg.	
73	831-0692		Throttle Control Box Ass'y.	N
74	746-0501		Throttle Control Wire (11 H.P.)	
	746-0503		Throttle Control Wire (16 and 18 H.P.)	
76	15886		Rear Fender	N
77	731-0511		Trim Strip—81″	
78	731-0555		Grommet	
79	710-0623		Hex Wash. Hd. AB-Tap Scr. 3/8 x .75″ Lg.	
80	15607		Seat Pivot Bracket	N
81	712-0158		Hex Cent. L-Nut 5/16-18 Thd.	
82	736-0242		Belleville Wash. .34″ I.D. x .88″ O.D.	
84	732-0431		Seat Spring	
85	710-0600		Hex Wash. Hd. Self-Tap Scr. 5/16-24 x .50″ Lg.	
86	751-0370		Gas Cap w/Gauge	
87	746-0394		Choke Control Comp. (16 and 18 H.P.)	
88	15803		Seat Bracket—L.H.	N
89	710-0118		Hex Bolt 5/16-18 x .75″ Lg.*	
90	725-0201		Ignition Key	
91	725-0634		Light Switch	
92	725-0925		Ammeter	N
93	732-0462		Hood Spring	N
94	757-0298		Seat Ass'y.	
95	710-0749		Hex Bolt #10-24 x 1.0″ Lg.	
96	712-0102		Hex Top L-Nut #10-24	
97	735-3005		Rubber Bumper 3/8″ Sq. x 2½″ Lg.	
98	712-0121		Speed Nut #10-24	
99	15829		Dash Support Brkt.—L.H.	N
100	723-0360		Foot Pad (Optional) (Not Shown)	

Models 760, 764, 765, 784, 785, 786, 794, 795 and 796



For parts on bottom of this page, refer to page 28.

Models 760, 764, 765, 784, 785, 786, 794, 795 and 796

PARTS LIST FOR MODELS 760, 764, 765, 784, 785, 786, 794, 795 AND 796 LAWN TRACTORS

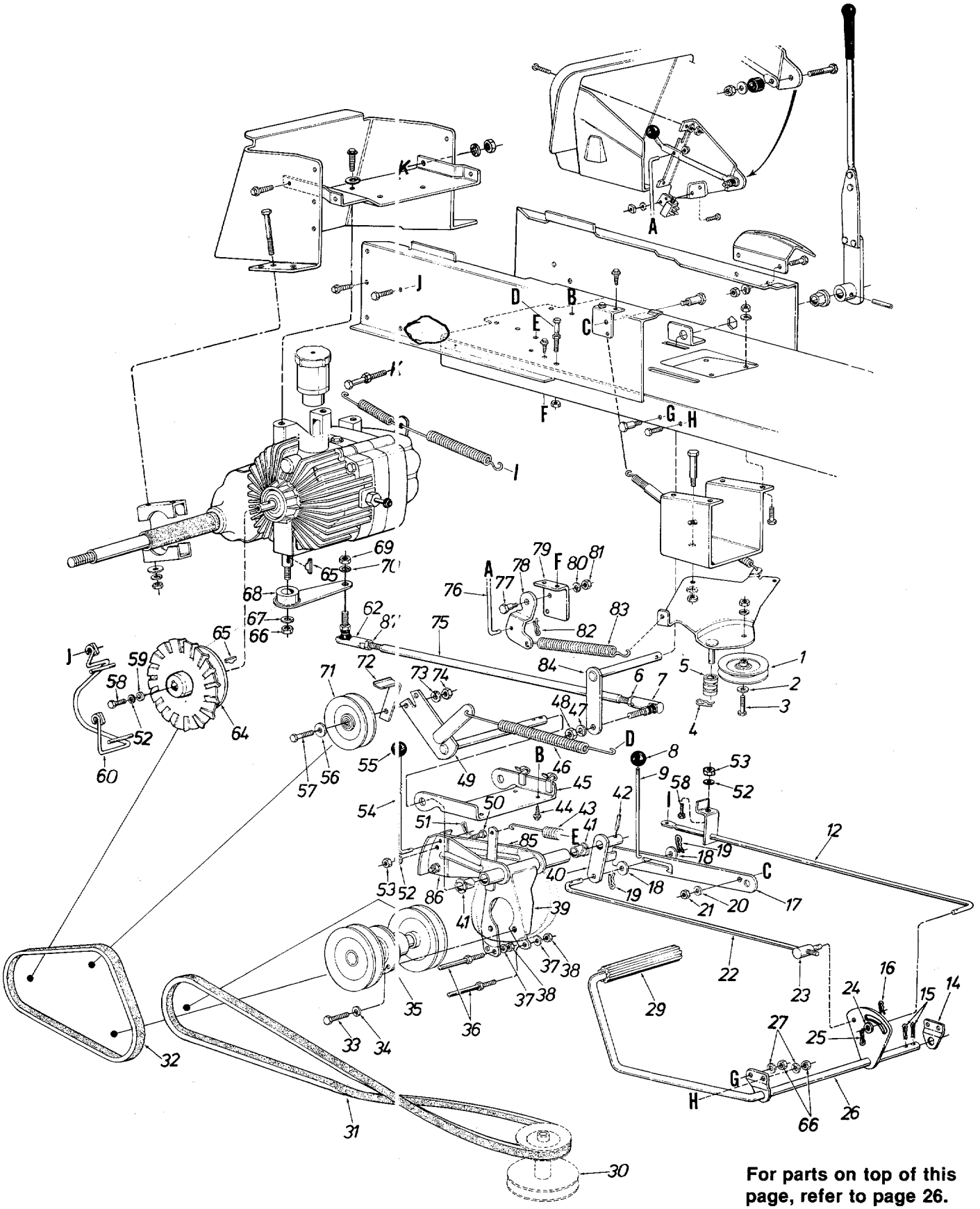
REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	13813		Hitch Plate	
2	710-0216		Hex Bolt 3/8-16 x .75" Lg.*	
3	13835		Rear Axle Support Brkt.	
4	710-0286		Truss Mach. Scr. ¼-20 x .50" Lg.*	
6	720-0165		Knob—Blade Clutch	
8	712-0271		Hex Sems Nut ¼-20 Thd.*	
9	712-0107		Hex Cent. L-Nut ¼-20 Thd.	
10	736-0173		Fl-Wash. .28" I.D. x .74" O.D. x .063	
11	735-0126		Rubber Wash. .33" I.D. x .87" O.D. x .30	
12	747-0157		Blade Clutch Lever	
13	13950		Deck Clutch Cont. Brkt.	
14	710-0597		Hex Bolt ¼-20 x 1.00" Lg.*	
15	720-0143		Grip	
16	14038		Control Arm Ass'y.	
17	747-0157		Blade Clutch Lever	
18	726-0106		Push Nut ¼" O.D. Rod	
19	747-0307		Deck Control Rod	
20	736-0147		Ext. L-Wash. #10 Scr.*	
21	712-0121		Hex Nut #10-24 Thd.*	
22	725-0465		Safety Switch	
23	736-0119		L-Wash. 5/16" I.D.*	
24	710-0473		Truss Mach. Scr. #10-24 x .50" Lg.*	
25	14020		Speed Control Bracket	
26	710-0752		Hex Bolt 5/16-18 x .62" Lg.*	
27	715-0114		Spring Pin Spiral ¼" Dia. x 1.5" Lg.	
28	741-0225		Hex Flange Brg.	
29	712-0267		Hex Nut 5/16-18 Thd.*	
30	736-0119		L-Wash. 5/16" I.D.*	
31	14035		Speed Control Shaft Brkt.	
32	738-0155		Shld. Scr. .437" Dia. x .162" Lg.	
33	710-0376		Hex Bolt 5/16-18 x 1.00" Lg.*	
34	13826		Idler Support Brkt.	
35	13893		Idler Brkt. Ass'y.	
36	712-0798		Hex Nut 3/8-16 Thd.*	
37	736-0105		Belleville Washer 3/8" I.D.	
38	712-0267		Hex Nut 5/16-18 Thd.	
39	736-0119		L-Wash. 5/16" I.D.*	
40	731-0483		Convoluted Conduit .50" I.D.	
41	732-0308		Ext. Spring .50" O.D. x 6.37" Lg.	
42	710-0201		Hex Bolt 3/8-16 x .62" Lg.*	
43	738-0234		Shld. Scr. .50" Dia. x .395" Lg. (3/8-16)	
44	13833		Parking Brake Cam Mtg. Brkt.	
45	712-0267		Hex Nut 5/16-28 Thd.*	
46	712-0267		Hex Nut 5/16-18 Thd.*	
48	732-0413		Brake Tension Spring	
49	732-0157		Ext. Spring—Brake Return	
51	712-0798		Hex Nut 3/8-16 Thd.*	
52	736-0169		L-Wash. 3/8" I.D.*	
53	736-0258		Fl-Wash. .390" I.D. x 1.00" O.D. x .125" Thk.	
54	13892		Rear Axle Bracket	
55	—		Transaxle (See Breakdown Page 34)	
56	710-0501		Hex Bolt ¼-20 x 2" Lg.*	
57	712-0287		Hex Nut ¼-20 Thd.*	
58	736-0329		L-Wash. ¼" I.D.*	
59	710-0599		Hex Wash. Hd. Self-Tap Scr. ¼-20 x .50" Lg.	
60	710-0442		Hex Bolt 5/16-18 x 1.50" Lg.	
63	710-0599		Hex Wash. Hd. Self-Tap Scr. ¼-20 x .50" Lg.	
64	738-0155		Shld. Scr. .437" Dia. x .162" Lg.	
65	712-0267		Hex Nut 5/16-18 Thd.*	
66	710-0773		Hex Wash. Hd. Scr. 3/8-16 x .50" Lg.*	
67	710-0600		Hex Wash. Hd. Self-Tap Scr. 5/16-24 x .50" Lg.	
75	717-0426		Hydrostatic Pump Comp.	
76	710-0316		Hex Bolt 3/8-16 x 3.5" Lg.	
77	710-0726		Hex AB-Tap Scr. 5/16 x .75" Lg.	
78	13849	—462	Side Panel Upper Frame R.H.	
79	13847	—462	Side Panel Upper Frame L.H.	
80	731-0493		Cap	
81	710-0492		Socket Hd. Bolt 3/8-16 x 2.75" Lg.	
82	710-0227		Hex Wash. Hd. Scr. #8 x .50" Lg.	
83	726-0222		Insulator Nut Plate	
84	725-0759		Spring Switch	
87	725-0764		Reverse Lockout Wire Harness	
88	736-0141		Wave Washer	

*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

(462—Red Flake)

When ordering parts if color is important, use the appropriate color code listed above. (e.g. 12369—462 Red Flake.)

Models 760, 764, 765, 784, 785, 786, 794, 795 and 796



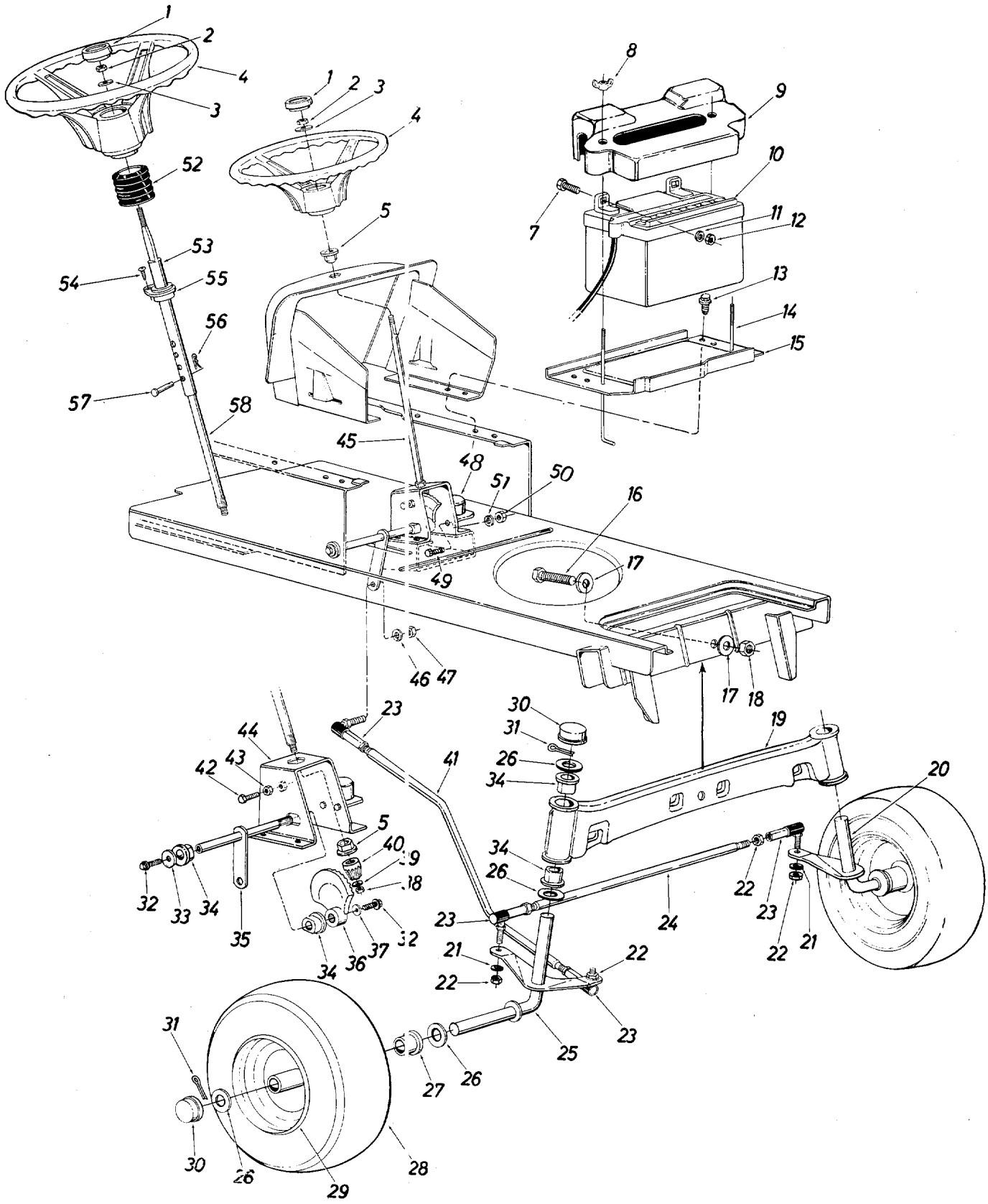
For parts on top of this page, refer to page 26.

Models 760, 764, 765, 784, 785, 786, 794, 795 and 796

PARTS LIST FOR MODELS 760, 764, 765, 784, 785, 786, 794, 795 AND 796 LAWN TRACTORS

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	756-0293		4" Dia. "V"-Idler Pulley	
2	736-0300		Fl-Wash. 3/8" I.D.	
3	710-0342		Hex Bolt 3/8-16 x 1.25" Lg.*	
4	714-0104		Intern. Cotter Pin 5/16" Dia.	
5	748-0278		Spacer	
6	712-0711		Hex Jam L-Nut 3/8-24 Thd.	
7	723-0156		Ball Joint Ass'y. 3/8-24 Thd.	
8	720-0166		Ball Knob	
9	747-0300		Parking Brake Link	
11	14027		Brake Rod Hanger	
12	747-0400		Brake Rod	
14	13859		Clutch Rod Brg. Brkt.	
15	714-0115		Cotter Pin 1/8" Dia. x 1.00" Lg.*	
16	714-0145		Hairpin Cotter ½" Dia.	
17	13832		Parking Brake Cam	
18	736-0101		Fl-Wash. .406 I.D. x 1.00" O.D. x .030	
19	714-0145		Hairpin Cotter ½" Dia.	
20	736-0275		Fl-Wash. 5/16" Scr.*	
21	712-0267		Hex Nut 5/16-18 Thd.*	
22	747-0306		Brake Cam Rod	
23	711-0198		Pivot Bushing	
24	736-0275		Fl-Wash. .401" I.D. x .749" O.D. x .057" Thk.	
25	714-0115		Cotter Pin 1/8" Dia. x 1.00" Lg.	
26	13856		Clutch Brake Pedal Ass'y.	
27	736-0169		L-Wash. 3/8" I.D.*	
29	735-0196		Foot Pad	
30	756-0328		Two-Step Engine Pulley 4.75" and 5.56"	
31	754-0245		"V"-Belt ½" x 59" Lg.	
32	754-0255		"V"-Belt ½" x 37" Lg.	
33	710-0198		Hex Sems Bolt 5/16-18 x .75" Lg.*	
34	736-0119		L-Wash. 5/16" I.D.*	
35	756-0324		Jack Shaft Ass'y.	
36	711-0696		Stud 3/8-16 x 3.62" Lg.	
37	736-0169		L-Wash. 3/8" I.D.*	
38	712-0798		Hex Nut 3/8-16 Thd.*	
39	13823		Jack Shaft Mtg. Brkt. Ass'y.	
40	13871		Clutch Idler Horn Ass'y.	
41	741-0295		Nyliner 5/8" I.D. x .88" Lg.	
42	715-0114		Spring Pin Spiral ¼" Dia. x 1.5" Lg.	
43	732-0153		Ext. Spring (Jack Shaft)	
44	710-0599		Hex Wash. Hd. Self-Tap Scr. ¼-20 x .50" Lg.	
45	13822		Idler Mtg. Brkt.	
46	732-0384		Ext. Spring (Drive Idler)	
47	736-0169		L-Wash. 3/8" I.D.*	
48	712-0241		Hex Nut 3/8-24 Thd.*	
49	13815		Clutch Brkt. Ass'y.	
50	710-0289		Hex Bolt ¼-20 x .50" Lg.*	
51	714-0104		Internal Cotter Pin 5/16" Dia. Rod	
52	736-0329		L-Wash. ¼" I.D.*	
53	712-0287		Hex Nut ¼-20 Thd.*	
54	747-0312		Relief Valve Lockout Rod	
55	720-0187		Ball Knob	
56	736-0300		Fl-Wash. 3/8" I.D.	
57	710-0342		Hex Bolt 3/8-16 x 1.25" Lg.*	
58	710-0258		Hex Bolt ¼-20 x .62" Lg.*	
59	736-0176		Fl-Washer	
60	14016		Belt Guard Ass'y.	
62	723-0351		Ball Joint Ass'y. 3/8-24 L.H. Thd.	
64	756-0364		Transaxle Pulley w/Fan	
65	714-0156		Hi-Pro Key 1/8" x ½" Dia.	
66	712-0798		Hex Nut 3/8-16 Thd.*	
67	736-0169		L-Wash. 3/8" I.D.*	
68	14022		Pintle Arm Ass'y.	
69	712-0241		Hex Nut 3/8-24 Thd.*	
70	736-0169		L-Wash. 3/8" I.D.*	
71	756-0293		4" "V"-Idler Pulley	
72	13819		Belt Guard (Clutch Idler)	
73	736-0169		L-Wash. 3/8" I.D.*	
74	712-0798		Hex Nut 3/8-16 Thd.*	
75	747-0321		Speed Control Rod	
76	747-0307		Deck Control Rod	
77	738-0155		Shld. Scr. .437" Dia. x .162" Lg. (5/16-18)	
78	13887		Deck Control Pivot Brkt.	
79	13833		Parking Brake Cam Mtg. Brkt.	
80	736-0119		L-Wash. 5/16" I.D.*	
81	712-0267		Hex Nut 5/16-18 Thd.*	
82	714-0104		Internal Cotter Pin 5/16" Rod	
83	732-0384		Extension Spring	
84	14034		Speed Control Shaft Ass'y.	
85	14025		Relief Valve Cam—L.H.	
86	14026		Relief Valve Cam—R.H.	
87	712-0312		Hex Jam L-Nut 3/8-24 L.H. Thd.*	

Models 760, 764, 765, 784, 785, 786, 794, 795 and 796



STEERING

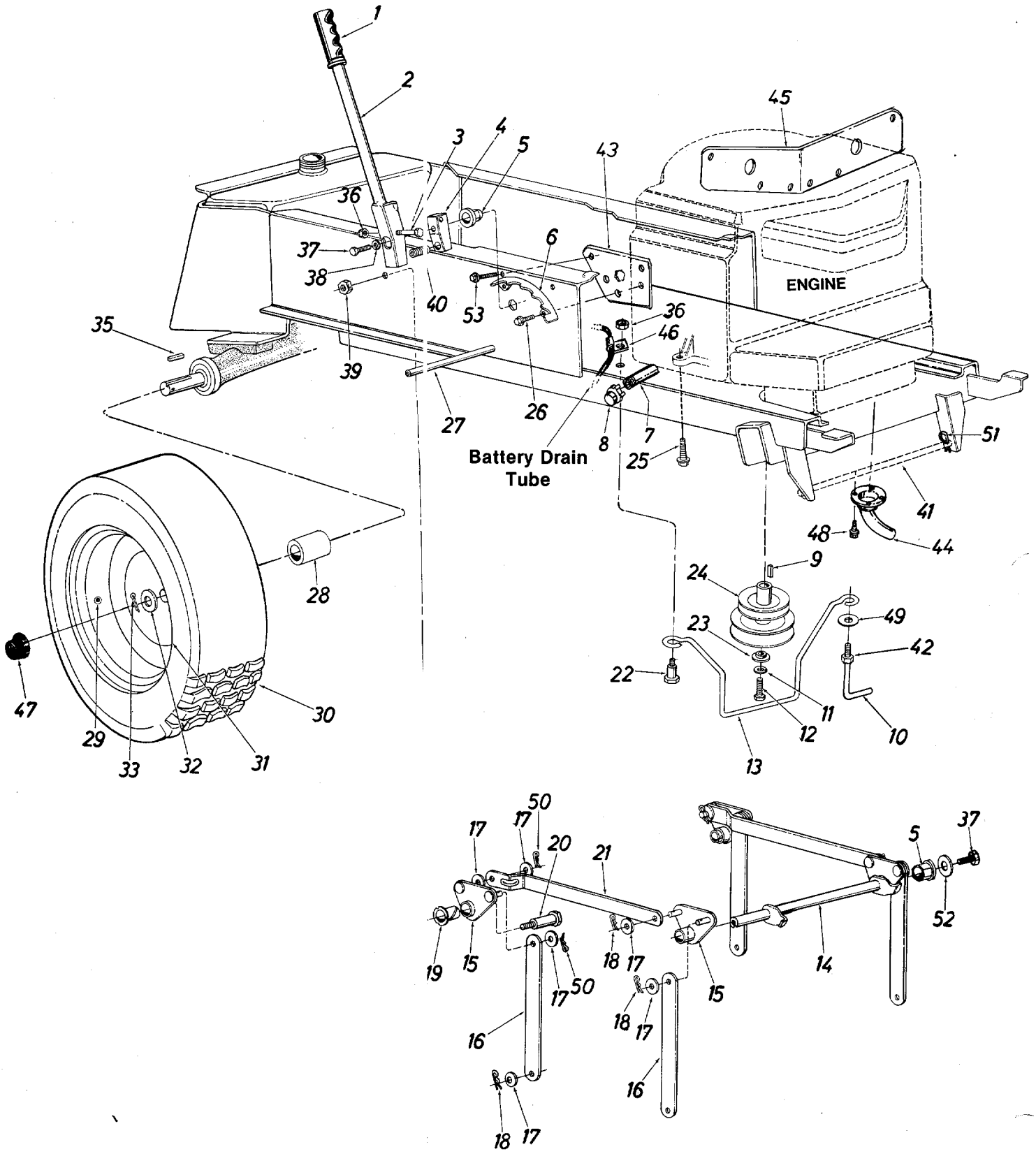
Models 760, 764, 765, 784, 785, 786, 794, 795 and 796

PARTS LIST FOR MODELS 760, 764, 765, 784, 785, 786, 794, 795 AND 796 LAWN TRACTORS

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	731-0220		Steering Wheel Cap	
2	712-0158		Hex Cent. L-Nut 5/16-18 Thd.	
3	736-0242		Bell-Wash. 5/16" I.D. x .87" O.D. x .060	
4	731-0356		Steering Wheel	
5	741-0225		Plastic Hex Bearing 5/8" I.D.†	
7	710-0258		Hex Scr. ¼-20 x .62" Lg.	
8	712-0113		Wing Nut Plastic ¼-20 Thd.	
9	731-0707		Battery Cover	
10	725-0453		12-V Battery	
11	736-0329		L-Wash. ¼" Scr.*	
12	712-0287		Hex Nut ¼-20 Thd.*	
13	710-0599		Hex Thd. Rolling Scr. ¼-20 x .50" Lg.	
14	711-0222		Battery Hold Down Rod	
15	13379		Battery Plate	
16	710-0533		Hex Scr. 5/8-18 x 2.50" Lg.*	
17	736-0282		Flat Wash. .66" I.D. x 2.25" O.D. x .17	
18	712-0923		Hex Cent. L-Nut 5/8-18 Thd.	
19	13865		Front Pivot Bar Ass'y.	
20	13839		Front Axle Ass'y.—L.H.	
21	736-0169		L-Wash. 3/8" Scr.*	
22	712-0241		Hex Nut 3/8-24 Thd.*	
23	723-0156		Ball Joint Ass'y.	
24	747-0301		Tie Rod	
25	13838		Front Axle Ass'y.—R.H.	
26	736-0316		Fl-Wash. .780 I.D. x 1.59 O.D.	
27	741-0382		Flange Bearing	
28	734-0960		Front Wheel Ass'y. Comp.	
	734-0498		Front Wheel Tire Only	
29	734-0961		Front Wheel Rim Only	
	734-0255		Air Valve	
	737-0146		Grease Fitting	
30	731-0484		Dust Cover	
31	714-0121		Cotter Pin 5/32" Dia. x 1.00" Lg.*	
32	710-0180		Hex Scr. 3/8-24 x .75" Lg. Grade 5	
33	736-0133		Fl-Wash. 3/8 I.D. x 1.25 O.D. x .090	
34	741-0199		Flange Double "D" Brg. .753 I.D.	
35	12749		Steering Arm Shaft Ass'y.	
36	748-0236		Side Gear—Steering	
37	736-0105		Bell-Wash. 3/8" I.D.	
38	712-0237		Hex Cent. L-Nut 5/16-24 Thd.	
39	736-0264		Fl-Wash. 5/16" I.D. x .62 O.D. x .059	
40	748-0237		Pinion Gear—Steering	
41	747-0302		Drag Link	
42	710-0670		Hex Nylon Scr. 3/8-16 x 1.25" Lg.	
43	712-0798		Hex Nut 3/8-16 Thd.*	
44	12850		Steering Gear Sup. Ass'y.	
45	738-0317		Steering Shaft†	
46	736-0169		L-Wash. 3/8" Scr.*	
47	712-0241		Hex Nut 3/8-24 Thd.*	
48	725-0771		Solenoid	
49	710-0258		Hex Scr. ¼-20 x .62" Lg.	
50	712-0287		Hex Nut ¼-20 Thd.*	
51	736-0329		L-Wash. ¼" Scr.*	
52	731-0559		Steering Bellow††	
53	14775		Upper Steering Shaft††	
54	710-0837		Oval Hd. Cr.-Sunk Scr. #10 x 5/8" Lg.††	
55	741-0356		Fl-Bearing .89" I.D. x 1.36" O.D.††	
56	714-0147		Hairpin Cotter††	
57	711-0684		Clevis Pin††	
58	738-0588		Lower Steering Shaft††	

†Models 760, 764, 784, 786, 794 and 796 only.
††Models 765, 785 and 795 only.

Models 760, 764, 765, 784, 785, 786, 794, 795 and 796



Models 760, 764, 765, 784, 785, 786, 794, 795 and 796

PARTS LIST FOR MODELS 760, 764, 765, 784, 785, 786, 794, 795 AND 796 LAWN TRACTORS

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	720-0157		Grip		27	738-0435		Running Board Rod	
2	14233		Lift Handle Ass'y.		28	750-0490		Spacer 1.0" I.D. x 1.25" O.D. x 2.12" Lg.	
3	710-0442		Hex Scr. 5/16-18 x 1.50" Lg.*						
4	748-0274		Lift Shaft Drive		29	734-0255		Air Valve	
5	741-0225		Plastic Hex Brg. 5/8" I.D.		30	734-1004		Rear Wheel Ass'y. Comp.	
6	14231		Index Brkt. Deck Lift			734-0967		Rear Wheel Tire Only	
7	737-0164		Pipe Nipple 3/8-18 Npt.		31	734-1015		Rear Wheel Rim Only	
8	737-0143		Pipe Cap 3/8-18 Npt.		32	736-0345		Flat Washer	
9	714-0118		Sq. Key 1/4" x 1/4" x 1.50" Lg.		33	714-0142		Cotter Pin 3/16" Dia. x 1.50" Lg.	
10	747-0216		Belt Guard Lock Pin		35	714-0120		Sq. Key 1/4 x 3.0"	
11	736-0171		L-Wash. 7/16" Scr.*		36	712-0158		Hex Cent. L-Nut 5/16-18 Thd.	
12	710-0757		Hex Scr. 7/16-20 x 1.50" Lg.		37	710-0237		Hex Scr. 5/16-24 x .62" Lg.*	
13	747-0299		Belt Guard		38	736-0119		L-Wash. 5/16" Scr.*	
14	13889		Lift Shaft Ass'y.		39	712-0181		Hex Top L-Nut 3/8-16 Thd.	
15	13895		Lift Pivot Brkt. Ass'y.		40	732-0369		Compression Spring	
16	14399		Link (Deck)		41	738-0392		Deck Connecting Rod	
17	736-0192		Fl-Wash. 1/2" I.D. x 1.00" O.D. x .090		42	712-0123		Hex Nut 5/16-24 Thd.*	
					43	14170		Index Brkt. Reinforcement Plate	
18	714-0101		Hairpin Cotter						
19	741-0295		Nyliner 5/8" I.D. x .88" Lg.		44	751-0275		Exhaust Pipe (16 and 18 H.P.)	
20	738-0445		Shld. Scr. 5/8" Dia. x .96" Lg. 3/8-16		45	14282		Heat Shield (18 H.P. Only)	
					46	726-0175		Mounting Clamp (16 and 18 H.P.)	
21	13790		Connecting Link						
22	738-0296		Shld. Scr. .437 Dia. x .268 Lg. 5/16-18		47	731-0556		Hub Cap	
					48	710-0224		Hex Wash. Hd. AB-Tap Scr. #10 x .50" Lg.	
23	736-0322		Flat Wash. .44" I.D. x 1.25" O.D. x .17						
					49	736-0242		Belle-Wash. .39" I.D.	
24	756-0328		Two-Step Engine Pulley 4.75" & 5.56		50	714-0111		Cotter Pin .09 Dia. x 1.0" Lg.	
					51	714-0149		Int. Cotter Pin	
25	710-0502		Hex Wash. Hd. Scr. 3/8-16 x 1.25" Lg.		52	736-0231		Flat Wash. .34" I.D. x 1.12" O.D. x .125	
26	710-0600		Hex Thd. Rolling Scr. 5/16-24 x .50" Lg.		53	710-0726		Hex Wash. Hd. AB-Tap Scr. 5/16 x .62" Lg.	

The engine is not under warranty by the mower manufacturer. If repairs or service is needed on the engine, please contact your nearest authorized engine service outlet. Check the "Yellow Pages" of your telephone book under "Engines—Gasoline."

Models 760, 764, 765, 784, 785, 786, 794, 795 and 796

TRANSAXLE MODEL 801-008

NOTE: This unit is not under warranty by the mower manufacturer. All Part Orders and Service must be handled through the local Authorized Tecumseh Service Dealer.

PEERLESS MODEL 1322

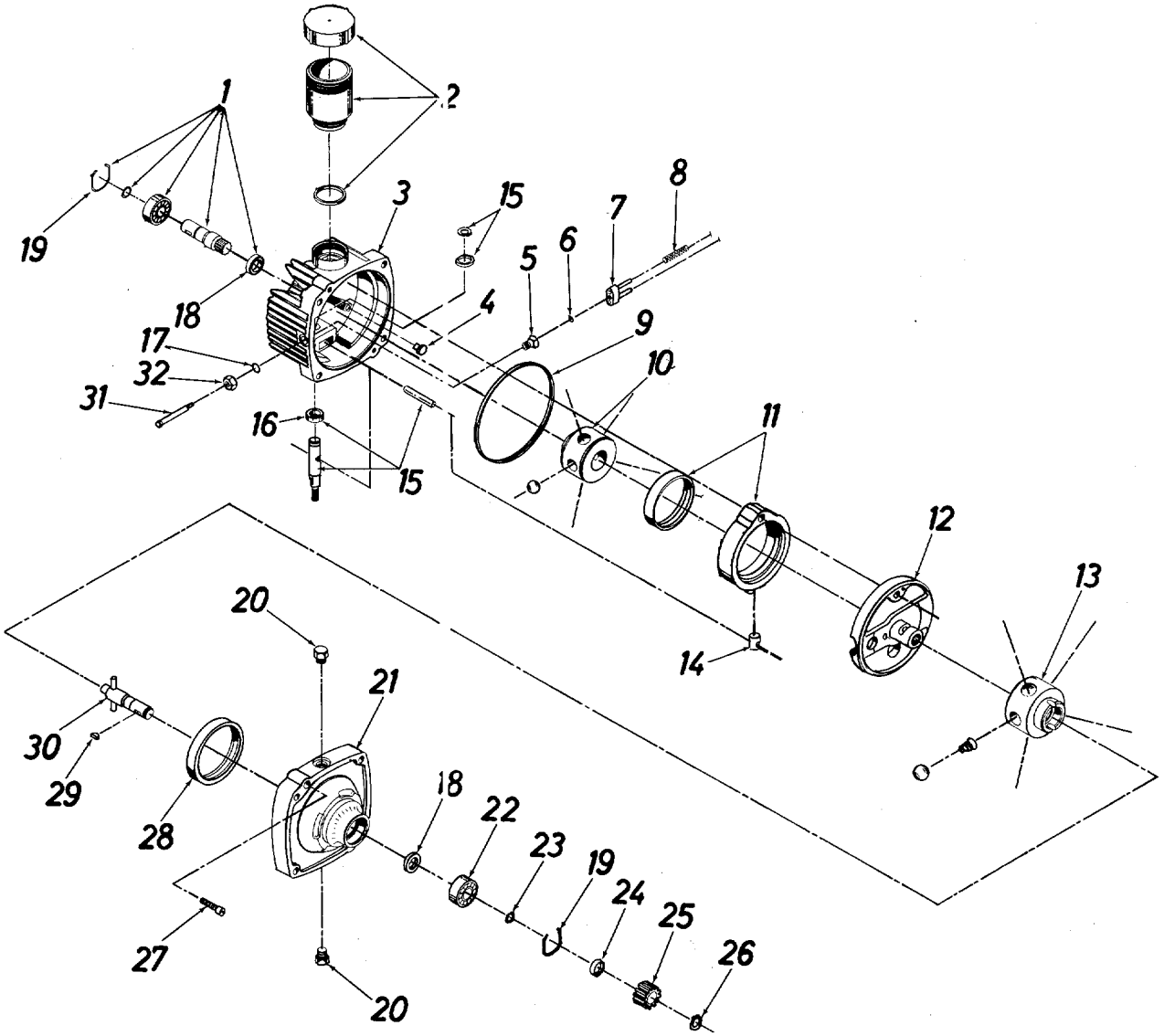
This unit is under warranty by Tecumseh Products Company. Parts and Service are available through all Tecumseh, Lauson Power Products Service Dealers. Check the "Yellow Pages" of your telephone directory under "Engines—Gasoline."

Models 760, 764, 765, 784, 785, 786, 794, 795 and 796

PARTS LIST FOR TRANSAXLE MODEL 1322

REF. NO.	PART NO.	DESCRIPTION
1	PE-778014	Pinion, Bevel
2	PE-778039	Gear, Bevel
3	PE-786019	Pin, Drive
4	PE-786027	Block, Drive
5	PE-774028A	Carrier, Differential
6	PE-774029A	Carrier, Differential
7	PE-778033A	Gear, Ring
8	PE-774434	Axle (16-1/64" Long)
10	PE-780107	Washer
11	PE-780042	Washer, Thrust
12	PE-792018	Ring, Snap
13	PE-792020	Screw, Hex Hd. ¼-20 x 2¼
14	PE-792006	Lock Washer, ¼"
15	PE-770052	Case Ass'y. (Incl. Nos. 16 & 17)
16	PE-780013	Bearing, Needle
17	PE-780088	Bearing, Needle
18	PE-772035	Cover Ass'y. (Incl. Nos. 16 & 19)
19	PE-780089	Bearing, Needle
20	PE-782041	Housing Ass'y., Axle (Incl. 2 of No. 21)
21	PE-780054	Bushing
23	PE-776207	Shaft, Brake
24	PE-788044	Gasket, Case to Cover
25	PE-778036	Gear, Output
26	PE-778037	Gear, Idler
27	PE-778041	Shaft, Output
28	PE-786017	Spacer
29	PE-780001	Washer
30	PE-780090	Washer
31	PE-788008	Seal, Oil
32	PE-786026	Pin, Dowel
33	PE-792046	Screw, Hex Hd., Self-Tapping, ¼-20 x 1
34	PE-792010	Plug, Pipe
35	PE-788046	Gasket
36	PE-790027	Disc, Brake
37	PE-790006	Pad, Brake
38	PE-790007	Plate, Brake Pad
39	PE-790005	Holder, Brake Pad
40	PE-790010	Lever, Brake
41	PE-792076	Washer, Flat
42	PE-792075	Lock Nut 5/16-24
43	PE-792073	Screw, Hex Hd., Self-Tapping, ¼-20 x 1¼
43A	PE-792085	Screw, Hex Hd., Self-Tapping, ¼-20 x 2¼
44	PE-786066	Spacer

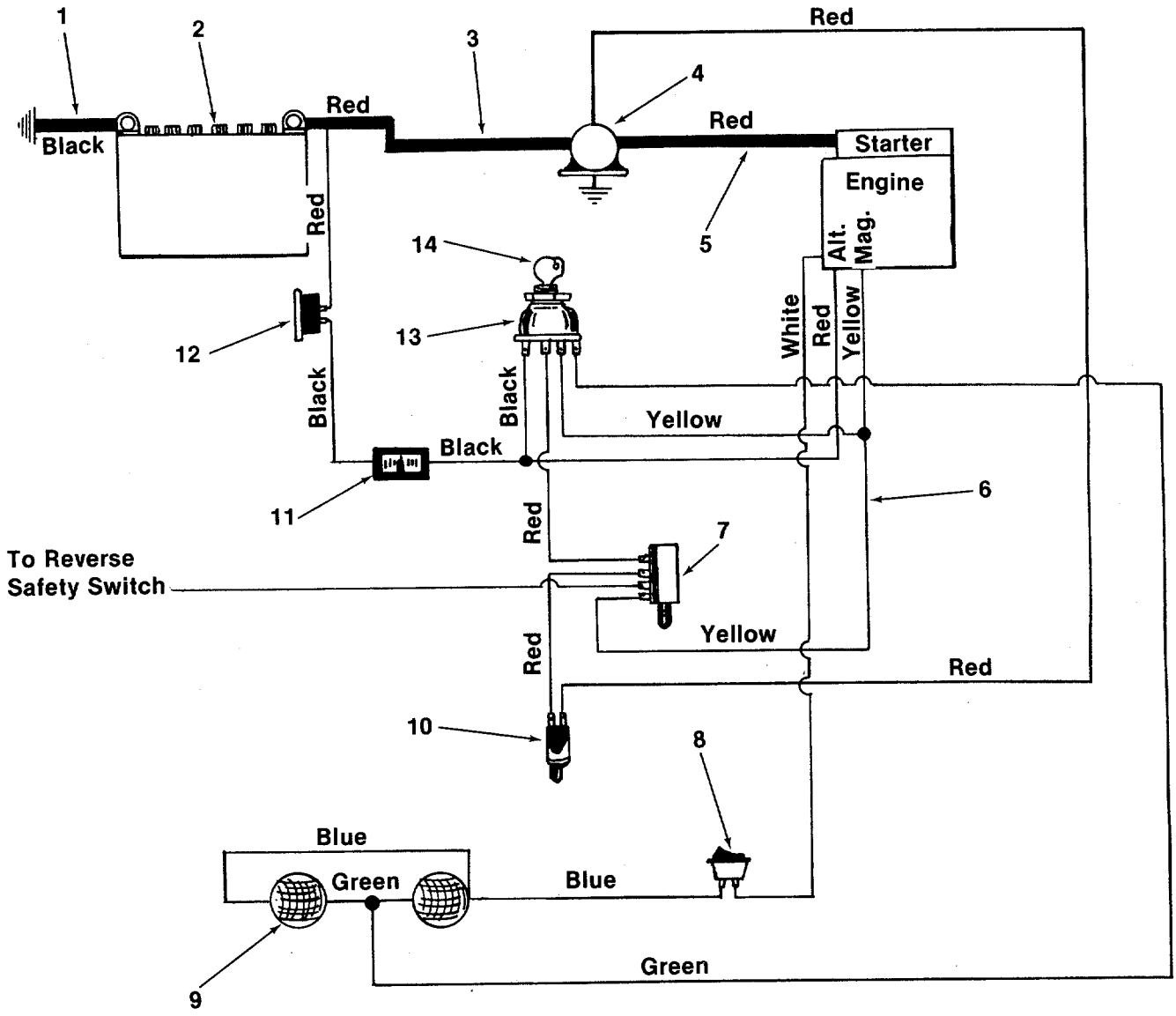
Models 760, 764, 765, 784, 785, 786, 794, 795 and 796



PARTS LIST FOR HYDROSTATIC TRANSMISSION M-7 (717-0426) ET-000700-002

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	ET-990067-000	Kit—Input Shaft	16	ET-093895-000	Oil Seal
2	ET-990077-000	Kit—Reservoir	17	ET-008761-013	O-Ring .013
3	ET-990176-000	Kit Cover	18	ET-093955-000	Oil Seal
4	ET-101597-000	Button	19	ET-091231-000	Retaining Ring
5	ET-024234-000	O-Ring Fitting Guide Subassembly	20	ET-025090-006	O-Ring Plug Subassembly
			21	ET-032278-000	Body
6	ET-008761-010	O-Ring	22	ET-090797-000	Ball Bearing (Output)
7	ET-024166-000	Bracket—Pins Sub assembly	23	ET-097121-000	Snap Ring
			24	ET-095202-000	Spacer
8	ET-072149-000	Valve Spring	25	ET-040511-000	Drive Gear (12 Teeth)
9	ET-008771-162	Square Cut Seal Ring	26	ET-096098-066	External Retaining Ring
10	ET-022712-000	Pump Rotor—Ball Sub-assembly	27	ET-095912-125	Socket Hd. Scr. 5/16-18 x 1.25" Lg.
11	ET-102449-000	Cam Ring Subassembly	28	ET-040519-000	Motor Race
12	ET-102532-000	Pintle Subassembly	29	ET-009476-000	Woodruff Key #3
13	ET-022711-000	Motor Rotor—Ball Sub-assembly	30	ET-022892-000	Output Shaft Subassembly
			31	ET-062240-000	Dump Valve Shaft
14	ET-095203-000	Cam Ring Insert	32	ET-024235-000	Nut—Gasket Subassembly
15	ET-990083-000	Kit—Control Shaft			

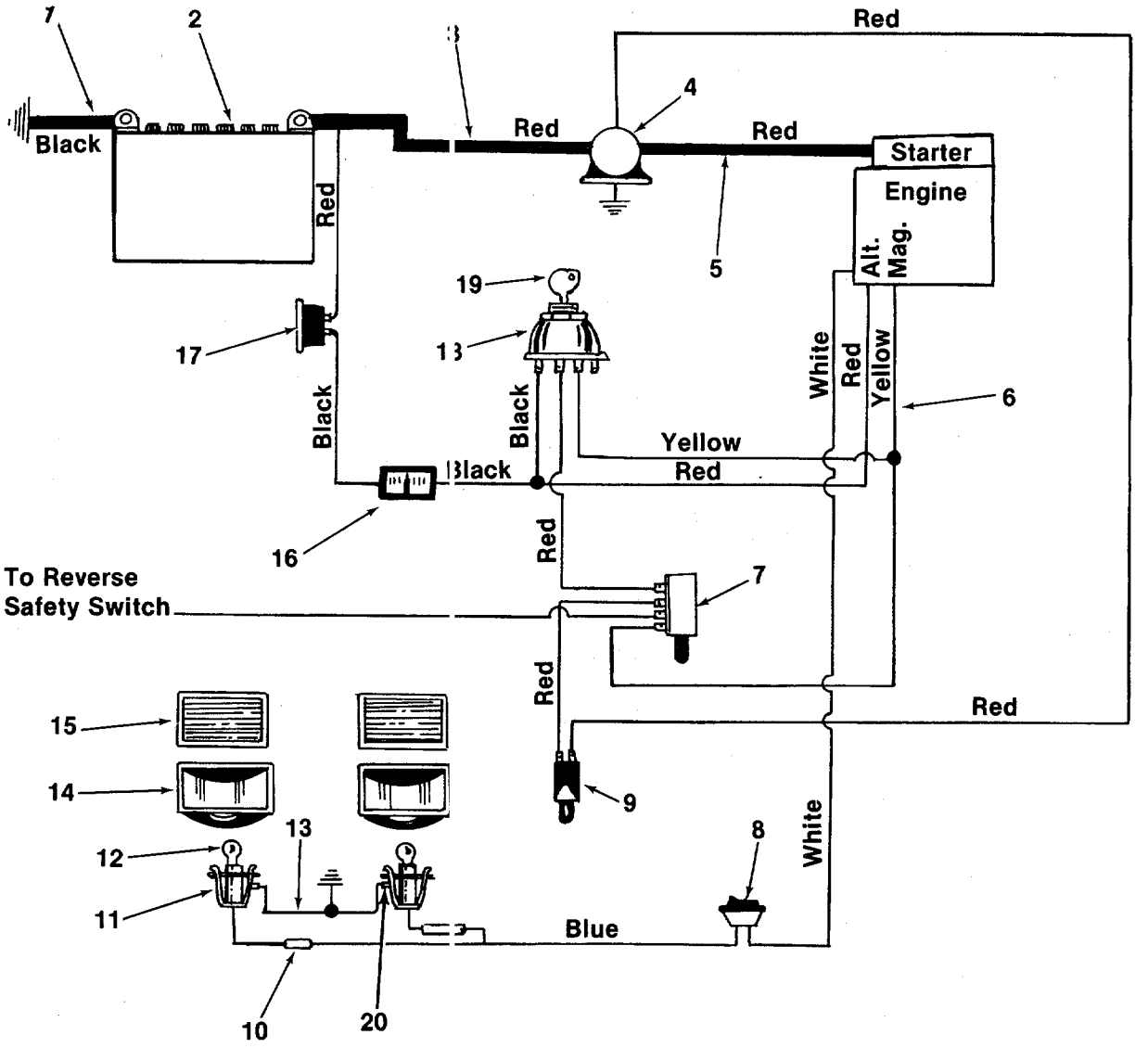
Models 760, 764, 784, 786, 794 and 796



PARTS LIST FOR ELECTRICAL SYSTEM
MODELS 760, 764, 784, 786, 794 AND 796
LAWN TRACTORS

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	725-0996	Electric Ground Wire (Black Negative)	6	725-1021	Wire Harness (16 and 18 H.P.)
				725-1020	Wire Harness (11 H.P.)
2	725-0453	12V-Battery	7	725-0465	Safety Switch (P.T.O.)
3	725-0561	Electric Wire (Red Positive) (16 and 18 H.P.)	8	725-0634	Light Switch
			9	725-0222	Head Lights
	725-0564	Electric Wire (Red Positive) (11 H.P.)	10	725-0268	Safety Switch (Clutch)
			11	725-0925	Ammeter
4	725-0771	Solenoid	12	725-0459	Circuit Breaker
5	725-0563	Electric Wire (16 and 18 H.P.)	13	725-0267	Ignition Switch
	725-0564	Electric Wire (11 H.P.)	14	725-0201	Ignition Key

Models 765, 785 and 795



PARTS LIST FOR ELECTRICAL SYSTEM
MODELS 765, 785 AND 795 LAWN TRACTORS

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	725-0996	Electric Wire (Black Negative)	8	725-0634	Light Switch
			9	725-0268	Safety Switch (Clutch)
2	725-0453	12V-Battery	10	725-0717	Tab Receptacle
3	725-0561	Electric Wire (Red Positive) (16 and 18 H.P.)	11	725-0964	Socket
			12	725-0963	Lamp
	725-0564	Electric Wire (Red Positive) (11 H.P.)	13	725-0916	Ground Wire
			14	731-0705	Head Light Housing
4	725-0771	Solenoid	15	731-0706	Lens
5	725-0563	Electric Wire (16 and 18 H.P.)	16	725-0925	Ammeter
	725-0564	Electric Wire (11 H.P.)	17	725-0459	Circuit Breaker
6	725-1027	Wire Harness (16 and 18 H.P.)	18	725-0267	Ignition Switch
	725-1028	Wire Harness (11 H.P.)	19	725-0201	Ignition Key
7	725-0465	Safety Switch (P.T.C.)	20	726-0226	Push on Ground Clip

PARTS INFORMATION

POWER EQUIPMENT PARTS AND SERVICE

Parts and service are available through the authorized service firms listed below. All orders should specify the model number of your unit, part numbers, description of parts and the quantity of each part required.

BRIGGS AND STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

Briggs & Stratton, Tecumseh and Peerless parts and service should be handled by your nearest authorized engine service firm. Check the yellow pages of your telephone directory under the listing **Engines—Gasoline,** Briggs & Stratton or Tecumseh Lauson.

NOTE: If any parts are found to be missing or defective upon assembly of this unit, write to advise the factory so that immediate replacement can be made.

ALABAMA	**BIRMINGHAM**	
Auto Electric & Carburetor Co.	2625 4th Ave. S.	35233
ARKANSAS	**NORTH LITTLE ROCK**	
Sutton's Lawn Mower Shop	5301 Roundtop Drive Box 368, Rt. 4	72117
CALIFORNIA	**PORTERVILLE**	
Billious	75 North D Street	93257
COLORADO	**DENVER**	
Spitzer Industrial Products Co.	6601 N. Washington St.	80229
FLORIDA	**JACKSONVILLE**	
Radco Distributors	4909 Victor St. Box 5459	32207
	HIALEAH	
Small Eng. Dist.	7995 W. 26th Court	33016
GEORGIA	**EAST POINT**	
East Point Cycle & Key	2834 Church St.	30344
ILLINOIS	**LYONS**	
Keen Edge Co.	8615 Ogden Ave.	60534
INDIANA	**ELKHART**	
Parts & Sales Inc.	2101 Industrial Pkwy.	46516
IOWA	**DUBUQUE**	
Power Lawn & Garden Equip.	2551 J.F. Kennedy	52001
LOUISIANA	**NEW ORLEANS**	
Suhren Engine Co.	8330 Earhart Blvd.	70118
MARYLAND	**TAKOMA PARK**	
Center Supply Co.	6867 New Hampshire Ave.	20912
MASSACHUSETTS	**SPRINGFIELD**	
Morton B. Collins Co.	300 Birnie Ave.	01107
MICHIGAN	**LANSING**	
Lorenz Service Co.	2500 S. Pennsylvania	48910
	MOUNT CLEMENS	
Power Equipment Dist.	340 Hubbard	48043
MINNESOTA	**HOPKINS**	
Hance Distributing Inc.	420 Excelsior Ave. W.	55343
MISSISSIPPI	**BILOXI**	
Biloxi Sales & Service, Inc.	506 Caillavet St.	39533
MISSOURI	**KANSAS CITY**	
Automotive Equip. Service	3117 Holmes St.	64109
	ST. JOSEPH	
Ross-Frazier Supply Co.	8th and Monterey	64503
	ST. LOUIS	
Henzler, Inc.	2015 Lemay Ferry Rd.	63125
NEW JERSEY	**BELLMAWR**	
Lawnmower Parts Inc.	717 Creek Rd.	08030
NEW MEXICO	**ALBUQUERQUE**	
Spitzer Eng. & Parts	1023 Third Ave. N.W.	87103
NEW YORK	**CARTHAGE**	
Gamble Dist., Inc.	West End Ave.	13619
NORTH CAROLINA	**GOLDSBORO**	
Smith Hardware Co.	515 N. George St.	27530
	GREENSBORO	
Dixie Sales Company	335 N. Green	27402
OHIO	**CARROLL**	
Stebe's Mid-State Mower Supply	Box 366, 71 High St.	43112
	CLEVELAND	
Bleckrie, Inc.	7900 Lorain Ave.	44102
	WADSWORTH	
National Central	687 Seville Rd.	44281
	YOUNGSTOWN	
Burton Supply Co.	1301 Logan Ave. Box 929	44501
OKLAHOMA	**MUSKOGEE**	
Victory Motors, Inc.	605 S. Cherokee	74401
OREGON	**PORTLAND**	
Kenton Supply Co.	8216 N. Denver Ave.	97217
PENNSYLVANIA	**HARRISBURG**	
EECO Inc.	4021 N. 6th St.	17110
	PHILADELPHIA	
Thompson Rubber Co.	5222-24 N. Fifth St.	19120
	PITTSBURGH	
Bluemont Co.	11125 Frankstown Rd.	15235
	PUNXSUTAWNEY	
Frank Roberts & Sons	R.D. 2	15767
	SCRANTON	
Scranton Auto Ignition Co.	1133-35 Wyoming Ave.	18509
TENNESSEE	**KNOXVILLE**	
Master Repair Service	2000 Western Ave.	379
	MEMPHIS	
American Sales & Service, Inc.	3035-43 Bellbrook	38116
TEXAS	**DALLAS**	
Marr Brothers, Inc.	423 E. Jefferson	75203
	FORT WORTH	
Woodson Sales Corp.	1702 N. Sylvania	76111
	HOUSTON	
Bullard Supply Co.	2409 Commerce St.	77003
	SAN ANTONIO	
Engine House Inc.	8610 Botts Lane P.O. Box 17867	78217
UTAH	**BOUNTIFUL**	
Powered Products	485 N 500 W.	84010
VIRGINIA	**ASHLAND**	
RBI Corp.	101 Cedar Ridge Dr.	23005
WASHINGTON	**SEATTLE**	
Equip. Northwest	1414 14th Ave.	98122
WISCONSIN	**APPLETON**	
Automotive Supply Co.	123 S. Linwood Ave. P.O. Box 798	54911
	CHILTON	
Horst Dist.	444 N. Madison St.	53014

WARRANTY PARTS AND SERVICE POLICY (1283)

The purpose of warranty is to protect the customer from defects in workmanship and materials, defects which are NOT detected at the time of manufacture. It does not provide for the unlimited and unrestricted replacement of parts. Use and maintenance are the responsibility of the customer. The manufacturer cannot assume responsibility for conditions over which it has no control. Simply put, if it's the manufacturer's fault, it's the manufacturer's responsibility; if it's the customer's fault, it's the customers's responsibility.

CLAIMS AGAINST THE MANUFACTURER'S WARRANTY INCLUDES:

1. **Replacement of Missing Parts** on new equipment.
2. **Replacement of Defective Parts** within the warranty period.
3. **Repair of Defects** within the warranty period.

All claims MUST be substantiated with the following information:

1. **Model Number** of unit involved.
2. **Date** unit was purchased or first put into service.
3. **Date of failure.**
4. **Nature of failure.**

MTD PRODUCTS INC • P.O. BOX 36900 • CLEVELAND, OHIO 44136