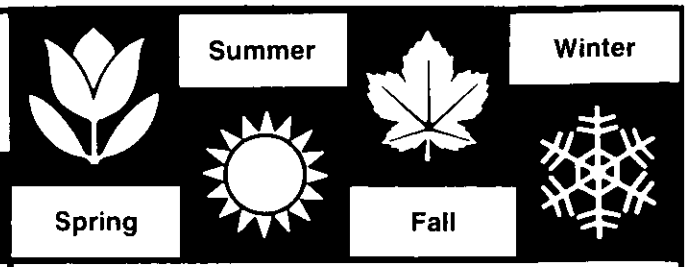
$1.00

YARD-MAN

OUTDOOR POWER EQUIPMENT
for all seasons



Owner's Manual

- ASSEMBLY
- OPERATION
- MAINTENANCE
- PARTS LIST

IMPORTANT:

Read Safety Rules and Instructions Carefully

Thank you for purchasing an American-built product.

12 H.P. LAWN TRACTOR

Model Number 13357-9

PRINTED IN U.S.A.

FORM NO. 770-6717D

INDEX

Dear Customer,

So often throughout the year we are all in a rush to meet our daily obligations.

However, we at YARD-MAN COMPANY are taking a quick moment out to say. . .

"Thank you for your business."

Sincerely,
YARD-MAN COMPANY

INSTRUCTIONS GIVEN WITH THIS SYMBOL ARE FOR PERSONAL SAFETY. BE SURE TO FOLLOW THEM.

LIMITED WARRANTY

For two years from the date of original retail purchase, YARD-MAN COMPANY 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 YARD-MAN COMPANY.

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, Peerless components, motor, battery (except as noted below) or component parts thereof. Please refer to the applicable manufacturer's warranty on these items.

A battery which proves defective within ninety (90) days will be replaced without charge. After 90 days but within one year from the date of purchase, YARD-MAN will replace the defective battery for a charge of 1/12 of the current retail price of the battery for each full 30 day period between the date of purchase and the date of return.

Warranty on units used commercially is limited to sixty (60) days.

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 YARD-MAN.

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

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

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

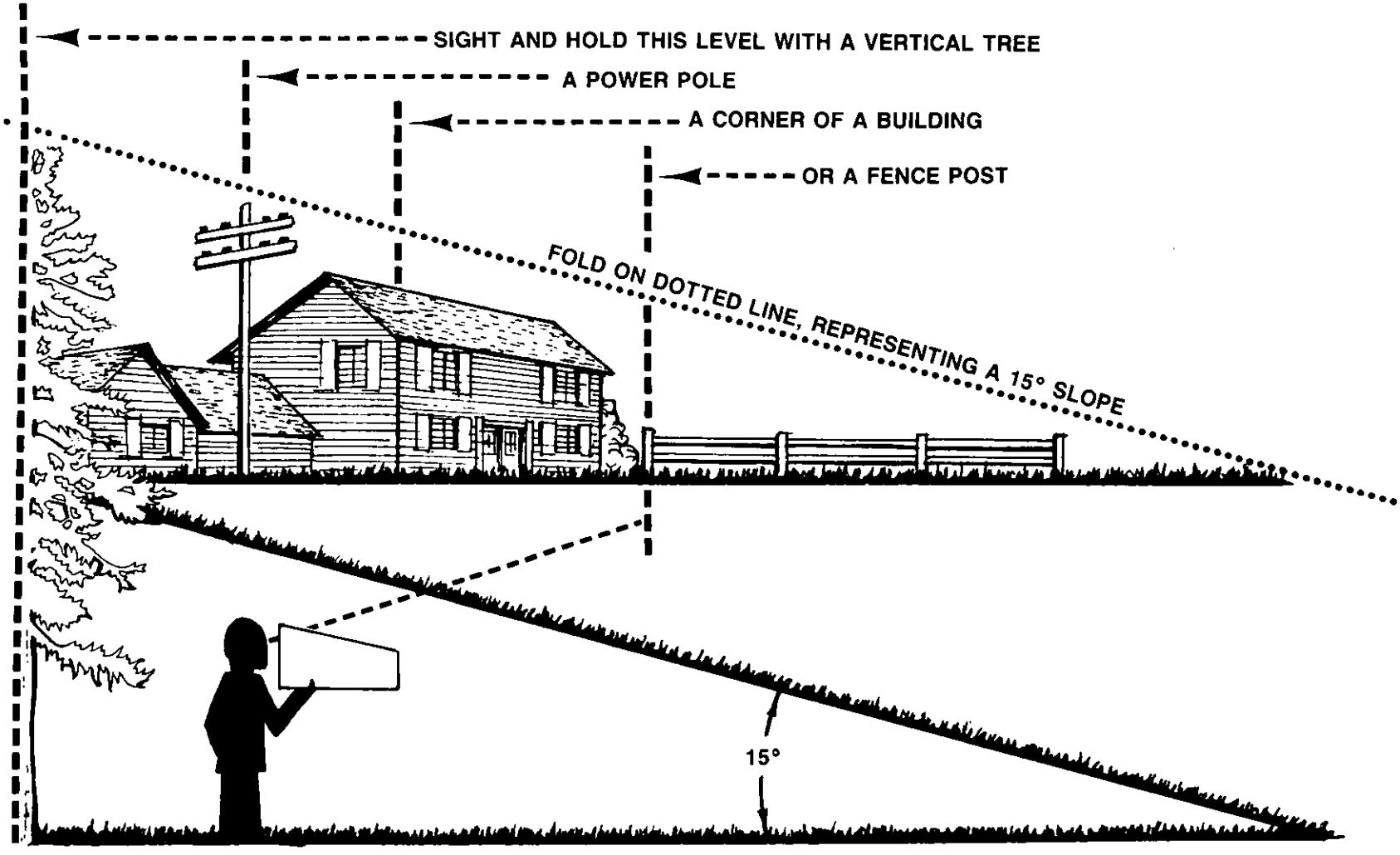
In the State of California the above is required by law (Section 4442 of the California Public Resources Code). Other states may have similar laws. Federal laws apply on federal lands. A spark arrester for the muffler is available through your nearest engine authorized service dealer.

Cut Along This Line

SLOPE GAUGE

(Keep this sheet in a safe place for future reference.)

USE THIS SHEET AS A GUIDE TO DETERMINE SLOPES WHERE YOU MAY NOT OPERATE SAFELY.



WARNING

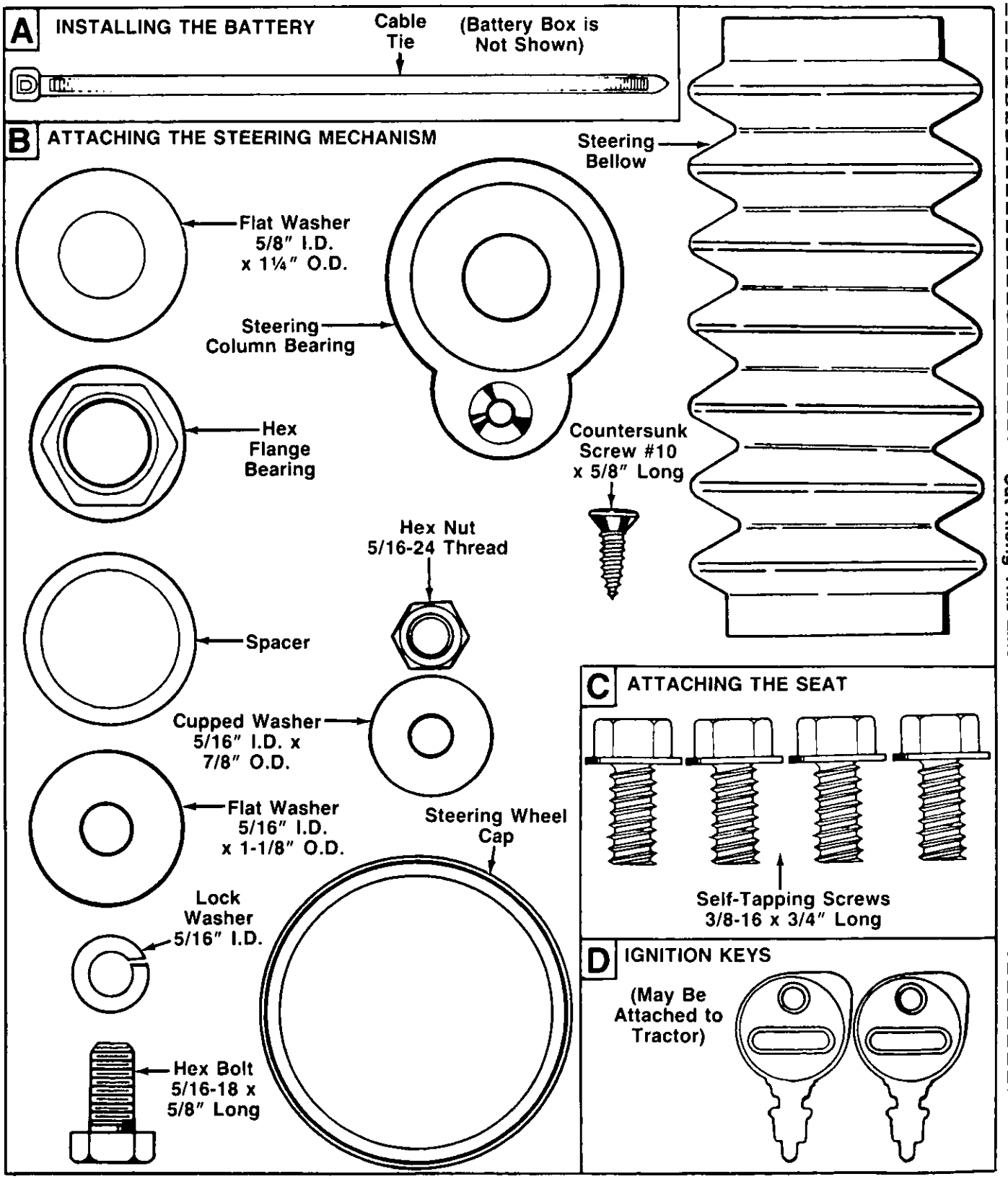
Do not mow on inclines with a slope in excess of 15 degrees (a rise of approximately 2½ feet every 10 feet). A riding mower could overturn and cause serious injury. If operating a walk-behind mower on such a slope, it is extremely difficult to maintain your footing and you could slip, resulting in serious injury.

Operate RIDING mowers up and down slopes, never across the face of slopes.
Operate WALK-BEHIND mowers across the face of slopes, never up and down slopes.

CONTENTS OF HARDWARE PACK

Remove this sheet from your owner's manual and lay the hardware on the illustration for identification purposes. After assembly, keep the Slope Gauge which is on the reverse side of this sheet for future use.

(Hardware pack may contain extra items which are not used on your unit.)



Cut Along This Line

IMPORTANT

RULES FOR SAFE OPERATION

THIS SYMBOL POINTS OUT IMPORTANT SAFETY INSTRUCTIONS WHICH, IF NOT FOLLOWED, COULD ENDANGER THE PERSONAL SAFETY AND/OR PROPERTY OF YOURSELF AND OTHERS. READ AND FOLLOW ALL INSTRUCTIONS IN THIS MANUAL BEFORE ATTEMPTING TO OPERATE YOUR UNIT. FAILURE TO COMPLY WITH THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY. WHEN YOU SEE THIS SYMBOL— **HEED ITS WARNING.**

DANGER

Your unit was built to be operated according to the rules for safe operation in this manual. As with any type of power equipment, carelessness or error on the part of the operator can result in serious injury. If you violate any of these rules, you may cause serious injury to yourself or others.

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 the machine quickly.
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. 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.
6. 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.
7. 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.
8. To maintain control of the unit and reduce the possibility of upset or collision, operate the tractor smoothly. Avoid erratic operation and excessive speed.
9. 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 to you or a bystander.
10. Stop the blade(s) when crossing gravel drives, walks or roads.
11. Disengage all attachment clutches and shift into neutral before attempting to start engine.
12. Disengage power to attachment(s) and stop engine before leaving operating position.
13. 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.
14. 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.
15. 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.
16. Disengage power to attachment(s) when transporting or not in use.
17. 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.
18. For your safety, use the slope gauge included as part of this manual to measure slopes before operating this unit on a sloped or hilly area. If the slope is greater than 15° as shown on the slope gauge, do not operate this unit on that area or serious injury could result.
19. 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.
20. 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.
21. Stay alert for holes in terrain and other hidden hazards which may cause the unit to tip over.
22. 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.
23. Watch out for traffic when crossing or near roadways.
24. When using any attachments, never direct discharge of material toward bystanders nor allow anyone near vehicle while in operation.
25. 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.

Rules for Safe Operation (continued)

26. Keep the vehicle and attachments in good operating condition, and keep safety devices in place. Use guards as instructed in operator's manual.
27. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
28. Never store the machine with fuel in the fuel tank inside a building where ignition sources are present, such as hot water and space heaters, clothes dryers, and the like. Allow the engine to cool before storing in any enclosure.
29. To reduce fire hazard, keep engine free of grass, leaves or excessive grease.
30. 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.
31. Do not change the engine governor settings or overspeed the engine.
32. 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.
33. Check grass catcher bags frequently for wear or deterioration. For safety protection, replace only with new bag meeting original equipment specifications.
34. 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.
35. 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.

IMPORTANT: This unit is shipped WITHOUT GASOLINE or OIL; however, a small amount of oil may be present from the factory. Do not overfill. After assembly, service engine with gasoline and oil as instructed in the separate engine manual packed with your unit.

NOTE: Reference to right or left hand side of the unit is observed from the driver's seat, facing forward.

ASSEMBLY

UNPACKING

1. Remove the lawn tractor from the carton as follows. Open the top flaps. Remove all loose parts and carton inserts. Cut the front corners of the carton. Make certain brake is released, and push the unit out of the carton.
2. Remove page four from this manual and lay the contents of the hardware pack on the illustration for identification.

BATTERY INFORMATION

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.**

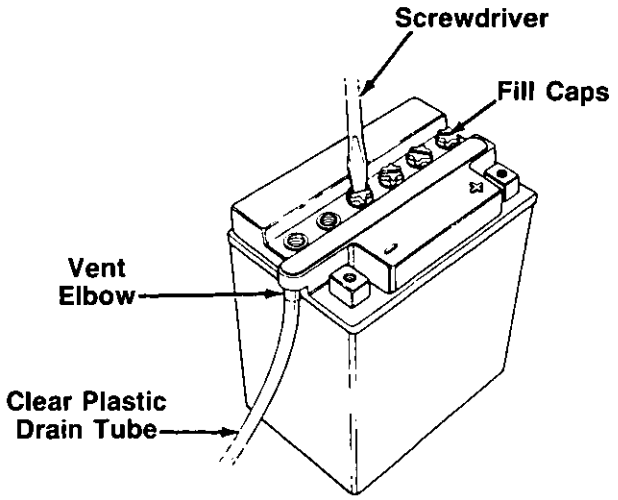


FIGURE 1.

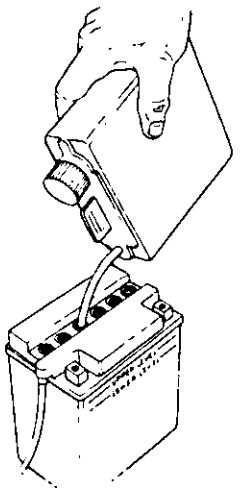


FIGURE 2.

DANGER

Battery contains sulfuric acid. Refer to warning on page 6. Antidote: EXTERNAL—Flush with water. INTERNAL—Drink large quantities of water or milk. Follow with milk of magnesia, beaten eggs or vegetable oil. Call physician immediately. EYES: Flush with cool water for at least 15 minutes, then get prompt 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. Make certain venting path of battery (drain tube) is always open.

KEEP BATTERIES
OUT OF THE REACH OF CHILDREN!

ACTIVATING THE BATTERY

Do not activate battery (fill with battery acid) until battery is actually placed in service. Be certain to read previous warnings before activating the battery.

1. Open the battery pack. Be careful not to puncture the box. It contains the battery with a long plastic tube attached, battery fluid (acid) in a plastic container, one short plastic tube and one hardware pack (two hex bolts and nuts).
2. Place the battery on a table or workbench. Make certain the long plastic drain tube is in place on the vent elbow.
3. Remove the six fill caps from the top of the battery with a screwdriver. Be careful not to damage the fill caps. See figure 1.
4. Place the battery fluid container on the table or workbench. Carefully cut off tip of the spout and attach the short plastic tube provided. Do not squeeze the container when cutting tip.
5. Fill each battery cell slowly and carefully to the UPPER LEVEL line marked on battery. See figure 2. Use caution as the acid level will rise rapidly after the bottom of the cell is filled.
6. Allow battery to stand for 30 minutes with the fill caps removed, while the plates absorb acid.
7. If acid level has fallen after the 30 minute standing period, refill each cell with battery acid to the UPPER LEVEL line on battery. Replace the fill caps.
8. Before discarding the empty container, neutralize any residue with baking soda and rinse container with water. Puncture container several times before discarding.
9. Charge the battery after the 30 minute standing period. SLOW CHARGE THE BATTERY (DO NOT FAST CHARGE) at a maximum bench rate of 1.4 amperes until the specific gravity reading is 1.260-1.280. Charge for a minimum of 2 hours and a maximum of 8 hours.

NOTE

Charging rate after battery has been put into operation: The battery is to be charged for a period of 14-16 hours. NO LONGER THAN 30 HOURS.

After battery has been charged, add only distilled water. Do not add acid.

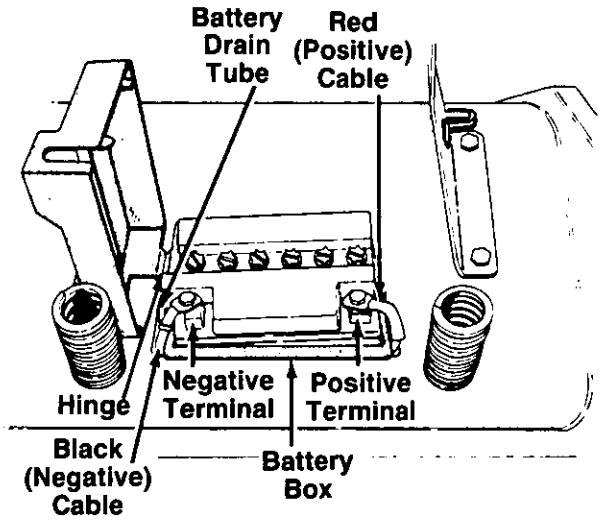


FIGURE 3.

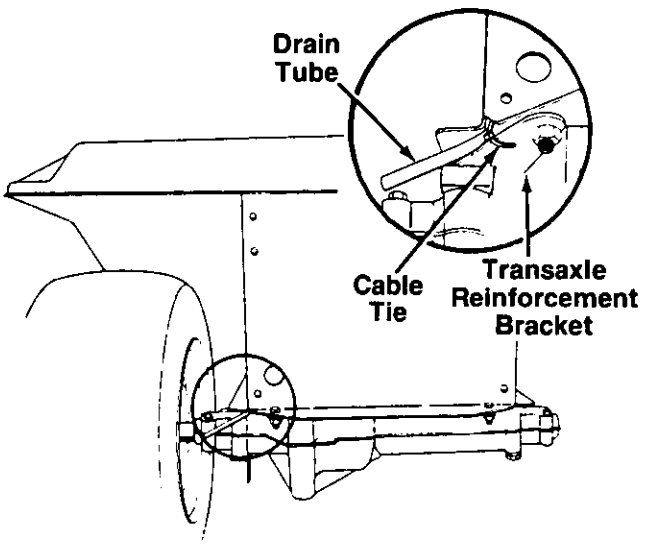


FIGURE 4.

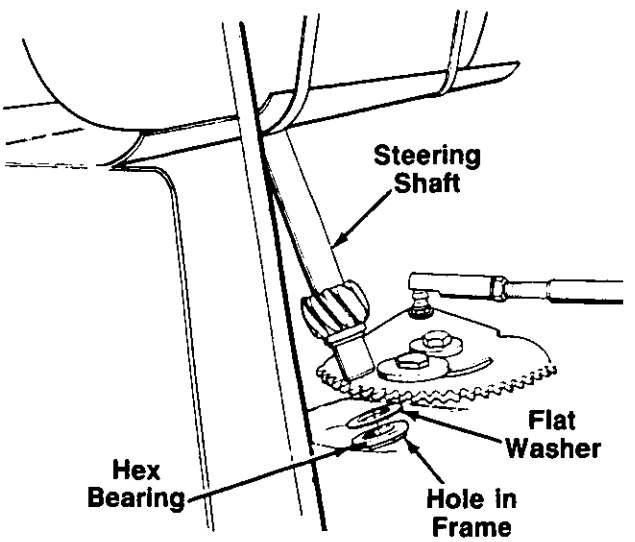


FIGURE 5.

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.

INSTALLING THE BATTERY (Hardware A)

1. Raise the seat bracket (on top of the fenders). Push any electrical wires out of the way so they are not disconnected when installing the battery box. Place the plastic battery box into the opening beneath the seat bracket. The hinge on the battery box goes toward the left side of the unit. Snap the battery box in place so the retaining edges on the box are beneath the fender. Make certain the battery cables are routed up along each side of the box. See figure 3.
2. Place the battery inside the battery box so that the positive terminal is toward the right side of the unit. See figure 3. Route the battery drain tube down beside the battery box.
3. Slide the hex nut (provided with battery hardware) into the positive (+) terminal. Place the positive (heavy red wire) cable on the positive terminal. Secure with bolt provided. See figure 3.
4. Slide the hex nut (provided with battery hardware) into the negative (–) terminal. Place the negative (heavy black wire) cable on the negative terminal. Secure with bolt provided.
5. Route the drain tube through the opening between the transaxle reinforcement bracket and the frame on the left rear of the unit. Secure the drain tube to the transaxle reinforcement bracket, using the cable tie as shown in figure 4. Be certain drain tube is routed away from the wheel rim. Trim excess end of cable tie.
6. Close the top of the battery box.

INSTALLING THE STEERING MECHANISM (Hardware B)

1. Open the hood of the lawn tractor by lifting up on both sides of the hood. Position the front wheels of the tractor so they are pointing straight forward.
2. Insert the hex bearing into the hole in the frame shown in figure 5.
3. Insert the end of the steering shaft which has the pinion gear attached through the hole in the dash panel. Place 5/8" I.D. flat washer on the end of the steering shaft, and insert shaft through hex bearing. Make certain the pinion gear is fully seated against the flat washer and hex bearing.

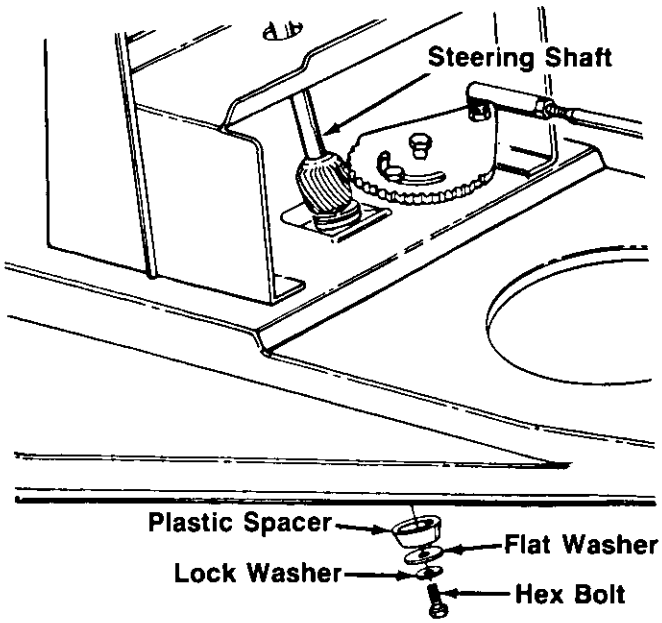


FIGURE 6.

4. Secure bottom of the steering shaft as follows. See figure 6.
   a. Lower the deck by moving the lift and disengagement lever (located on the right fender) all the way down.
   b. Place the plastic spacer over the end of the steering shaft. Secure with 5/16″ I.D. flat washer, lock washer and hex bolt. A 1/2″ wrench is required (socket wrench with an extension would be helpful).

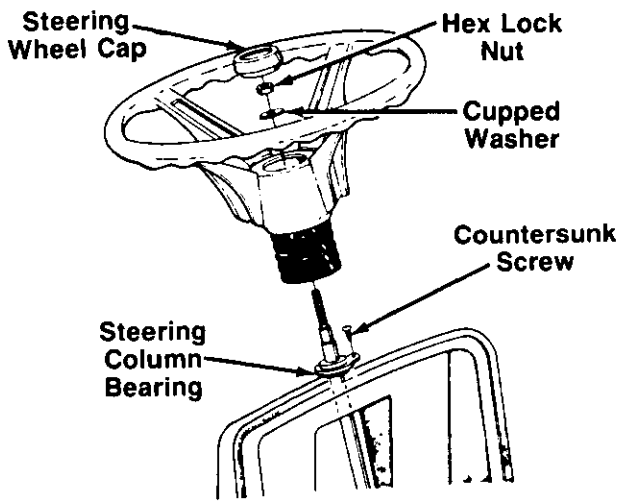


FIGURE 7.

5. Place the steering column bearing (solid side up) over the upper end of the steering shaft. Seat the steering column bearing into the hole in the dash panel. Secure with countersunk screw. See figure 7.

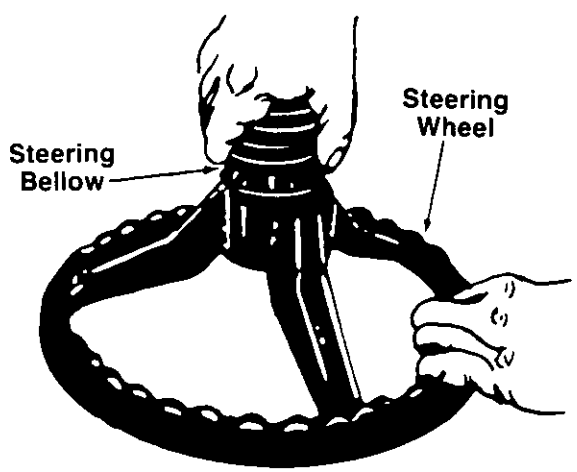


FIGURE 8.

6. Attach one end of steering bellow to the steering wheel as shown in figure 8.
7. With the wheels of the tractor pointing straight forward, place the steering wheel and steering bellow over the steering shaft, positioning steering wheel as desired.
8. Place the washer with the cupped side down over the steering shaft. Secure with 5/16″ hex lock nut. See figure 7.
9. Place the steering wheel cap over the center of the steering wheel and seat it with your hand.

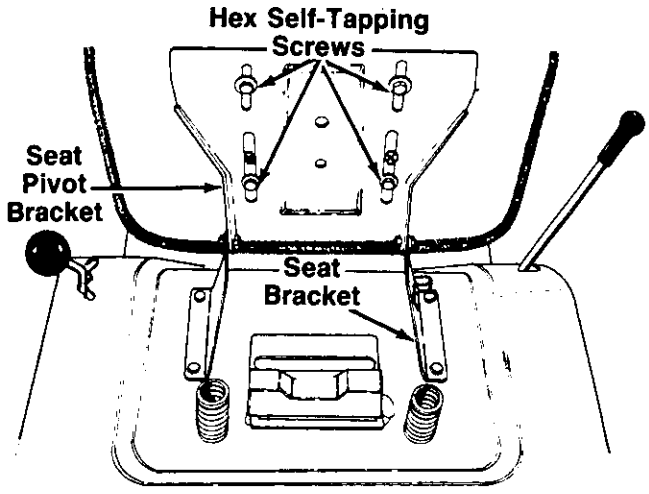


FIGURE 9.

ATTACHING THE SEAT (Hardware C)

Place the seat in position against the seat pivot bracket, lining up the slotted holes in the pivot bracket with the holes in the seat. Select desired position for the seat, and secure with hex self-tapping screws. See figure 9.

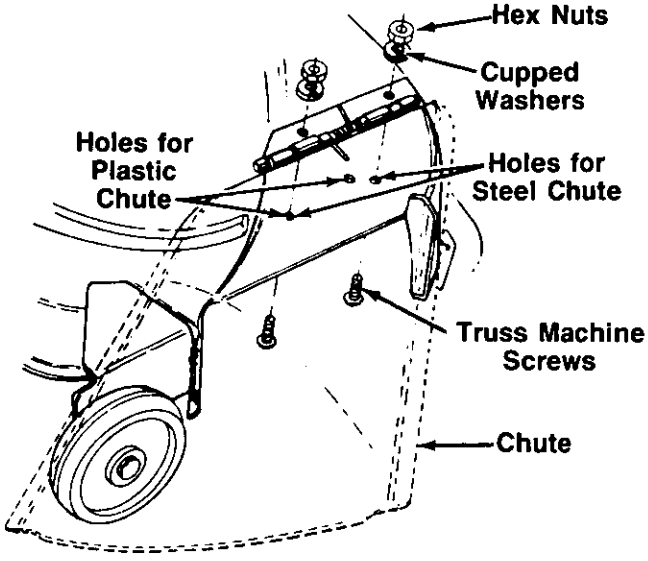


FIGURE 10.

ATTACHING THE CHUTE DEFLECTOR

The chute deflector on your unit may be either plastic or steel. Assemble the chute, using the holes shown in figure 10.

1. Remove the truss machine screws, cupped washers and hex jam nuts which are attached to the deck next to the chute opening.
2. Place the chute deflector in position as shown in figure 10. Secure with hardware just removed.

WARNING

Do not operate your unit unless the chute deflector has been properly installed.

CONTROLS

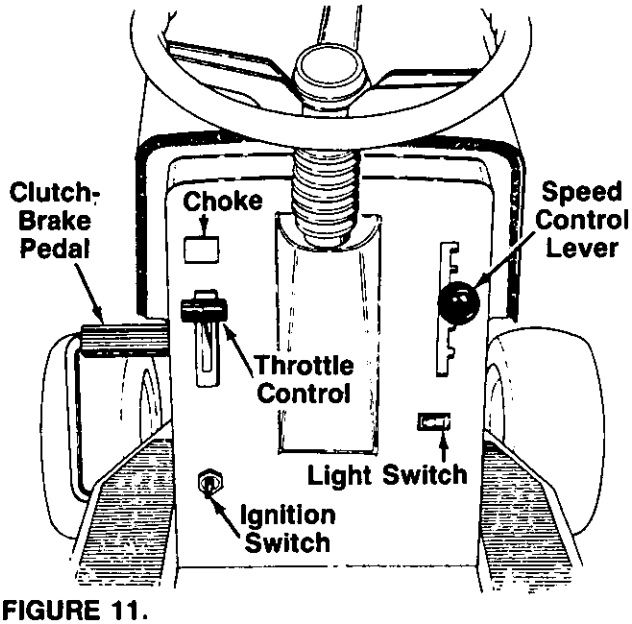


FIGURE 11.

THROTTLE CONTROL

The throttle control is used to regulate the engine speed. To get maximum efficiency from cutting, the throttle should be in the FAST position when operating the mower. See figure 11.

CHOKE CONTROL

The choke control is located on the dashboard and is operated manually. Details for the choke operation are covered in the separate engine manual packed with your unit. See figure 11.

SPEED CONTROL LEVER

The speed control lever allows you to regulate the ground speed of the lawn tractor. See figure 11. To select the ground speed, depress clutch pedal. Push speed control lever inward and move downward to slow lawn tractor, move upward to increase speed. When desired speed has been obtained, release lever in that position. Whenever clutch is engaged, unit will automatically go to the pre-set speed.

IGNITION SWITCH

Turn the key to the START position to start the engine. When the engine is running, let the key return to the ON position. To stop the engine, turn the key to the left to the OFF position and remove it to prevent accidental starting. See figure 11.

LIGHT SWITCH

Push the light switch to turn on the lights. The lights will only operate when the engine is running. See figure 11.

SHIFT LEVER

The shift lever is located on the left fender and has three positions, FORWARD, NEUTRAL and REVERSE. See figure 12. The clutch-brake pedal must be depressed and the lawn tractor must not be moving when shifting gears. Do not force the shift lever. Release the clutch-brake pedal slightly to line up the shifting collar in the transmission. Then try to shift gears.

CLUTCH-BRAKE PEDAL

The clutch-brake pedal is located on the left side of the lawn tractor. Depressing the clutch-brake pedal part way disengages the clutch. Pressing the pedal all the way down disengages the clutch and engages the disc brake. See figure 11.

NOTE

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

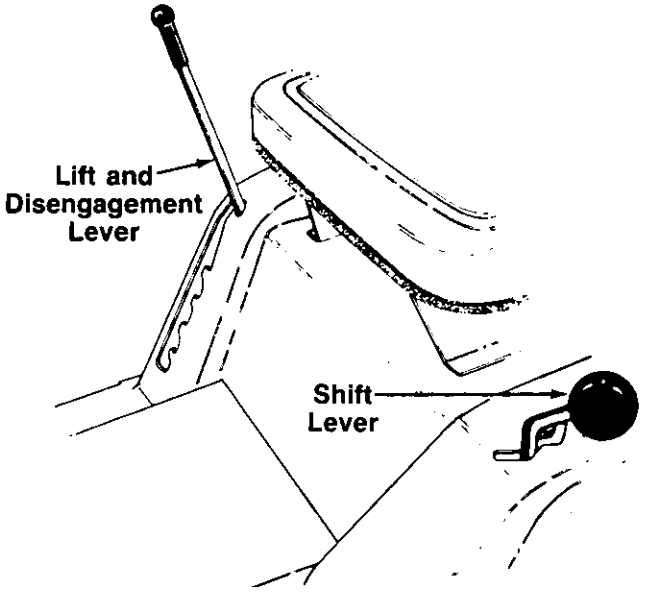


FIGURE 12.

PARKING BRAKE

The speed control lever is used to set the parking brake. To set the parking brake, depress the clutch-brake pedal. Press the speed control lever inward and all the way down. Release the speed control lever and the clutch-brake pedal.

To release the parking brake, depress the clutch-brake pedal, press the speed control lever inward and move to desired position. Release the speed control lever and the clutch-brake pedal.

INTERLOCKS (Not Shown)

Interlock safety switches are located on the clutch-brake pedal, the lift and disengagement lever, the gear shift lever and under the seat.

Before the engine will start, the clutch-brake pedal must be depressed all the way and the lift and disengagement lever must be in the disengaged position.

Before the unit can be shifted into reverse or if the operator leaves the seat, the lift and disengagement lever must be in the disengaged position.

CUTTING CONTROLS

A. LIFT AND DISENGAGEMENT LEVER

The lift and disengagement lever is used to raise and lower the cutting deck which determines the cutting height. Pulling it all the way back and locking it disengages the blades. The lift and disengagement lever **must** be in the disengaged position when starting the engine, when shifting into reverse or if the operator leaves the seat. See figure 12.

B. DECK WHEEL HEIGHT ADJUSTMENT

Set the deck wheels so that the wheels are ¼ to ½ inch above the ground, by moving the deck wheels to the desired hole location in the deck.

OPERATION

CAUTION

- READ OPERATOR S MANUAL(S) • NEVER CARRY CHILDREN
- KNOW LOCATION AND FUNCTION OF ALL CONTROLS
- KEEP SAFETY DEVICES (GUARDS SHIELDS AND SWITCHES) IN PLACE AND WORKING
- REMOVE OBJECTS THAT COULD BE THROWN BY BLADE(S)
- DO NOT OPERATE THE UNIT WHEN CHILDREN AND OTHERS ARE AROUND
- ALWAYS LOOK BEHIND THE UNIT BEFORE BACKING UP
- DO NOT OPERATE THE UNIT WHERE IT COULD SLIP OR TIP
- IF THE UNIT STOPS GOING UPHILL STOP BLADE(S) AND BACK SLOWLY DOWNHILL
- BE SURE BLADE(S) AND ENGINE ARE STOPPED BEFORE PLACING HANDS OR FEET NEAR BLADE(S)
- BEFORE LEAVING OPERATOR S POSITION SHUT ENGINE OFF AND REMOVE KEY

TIRE PRESSURE

The tires on your unit may be over-inflated for shipping purposes. Reduce the tire pressure before operating the unit. Recommended operating tire pressure is approximately 12 p.s.i. (check sidewall of tire for tire manufacturer's recommended pressure).

WARNING

Maximum tire pressure under any circumstances is 30 p.s.i. Equal tire pressure should be maintained on all tires.

STARTING THE ENGINE

NOTE

To open the hood, simply lift up on both sides of the hood.

1. Service the engine with oil and gasoline as described in the engine manual.
2. Depress the clutch-brake pedal and set the parking brake.
3. Place the lift and disengagement lever in the DISENGAGED position. See figure 12.

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 lift and disengagement lever is in the disengaged position. In addition, the lift and disengagement lever must be in the disengaged position when the unit is put into reverse or the engine will shut off. If the operator leaves the seat with the lift and disengagement lever engaged, the engine will shut off.

WARNING

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

4. Set the throttle control in the FAST position. See figure 11.
5. Pull out choke knob to choke engine. A warm engine may not require choking.
6. Turn the ignition key to the START position. When the engine is running, let the key return to the ON position. See figure 11.
7. Push choke knob in gradually. Move the throttle control to desired engine speed.

STOPPING THE ENGINE

Turn the ignition key to the left to the OFF position. Remove the key to prevent accidental starting.

IMPORTANT

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

NOTE

If any problems are encountered, refer to the Trouble Shooting Chart on page 21.

OPERATING THE LAWN TRACTOR

1. Start the engine as instructed in previous column.
2. Move throttle control to ¾ or full throttle to prevent strain on the engine and to operate the cutting blades.
3. Place the shift lever in either the FORWARD or REVERSE position.

CAUTION

Look to the rear before backing up.

4. Release the parking brake by depressing the clutch-brake pedal, pressing outward on the speed control lever and moving to desired position. Use first speed position when operating the lawn tractor for the first time.
5. Release clutch-brake pedal slowly to put unit into motion.
6. The lawn tractor is brought to a stop by depressing the clutch-brake pedal.

NOTE

When operating the unit initially, there will be little difference between the highest two speeds until after the belts have seated themselves into the pulleys during the break-in period. Be certain to change oil in the crankcase after the first 5 hours of operation.

Be sure that the lawn is clear of stones, sticks, wire, or other objects which could damage lawn tractor or engine. For best results and to insure more even grass distribution, do not mow when lawn is excessively wet.

When stopping the unit to empty a grass bag, etc., move the throttle to idle position to avoid "browning" the grass (caused by air from the engine hitting the same spot for a period of time). This "browning" is a temporary condition, which may not appear for 1 to 2 days after mowing.

CAUTION

If the unit is not to be used for a long period, place the gear shift lever in NEUTRAL, stop the engine, set the parking brake and remove the key. DO NOT leave the machine on an incline.

If unit stalls with speed control in high speed, or if unit will not operate with speed control lever in a low speed position, proceed as follows.

1. Place shift lever in NEUTRAL.
2. Restart engine.
3. Place speed control lever in high speed position.
4. Release clutch-brake pedal fully.
5. Depress clutch-brake pedal.
6. Place speed control lever in desired position.
7. Place shift lever in either FORWARD or REVERSE, and follow normal operating procedures.

OPERATING THE CUTTING BLADES

The cutting blades may be engaged while the lawn tractor is moving or standing still. DO NOT engage the cutting blades abruptly as the sudden belt tension on the pulley may cause the engine to stall.

WARNING

When the blade drive is engaged, keep feet and hands away from the discharge opening, the blades or any part of the deck. When the machine is used for other than mowing operations, the blade drive should be disengaged.

Move the lift and disengagement lever into the DISENGAGED position to raise the deck and disengage the blades.

GRASS CATCHER Model 19064 is available as optional equipment for the lawn tractor shown in this manual.

WARNING

The mower should not be operated without the entire grass catcher or chute deflector in place.

NOTE

Under normal usage bag material is subject to wear, and should be checked periodically. Be sure any replacement bag complies with the mower manufacturer's recommendations.

For replacement bags, use only factory authorized replacement bag.

ADJUSTMENTS

SEAT ADJUSTMENT

To adjust the position of the seat, loosen the four self-tapping screws on the bottom of the seat. See figure 9. Slide the seat forward or backward as desired. Retighten the self-tapping screws.

DECK LEVELING ADJUSTMENT

If an uneven cut is obtained, the deck may be leveled as follows.

1. Move the lift and disengagement lever forward (lower the cutting deck). Make certain the deck wheels are not resting on the ground.
2. Using a 1/2" wrench, loosen the jam nut located at the right rear deck link. See figure 13. It may be helpful to raise the cutting deck slightly to loosen the jam nut and to move the adjusting screw.

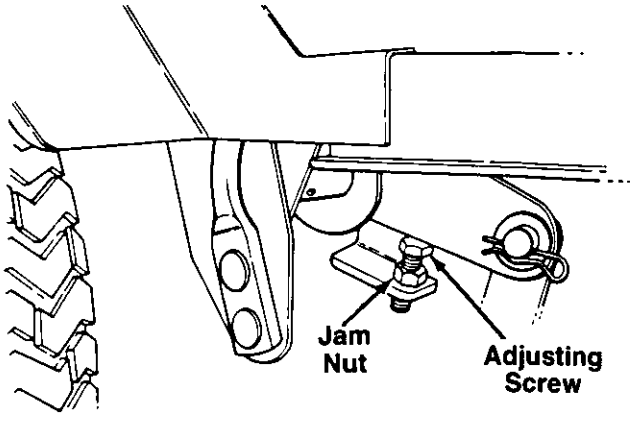


FIGURE 13.

3. With unit on hard, level surface, measure the distance from the bottom edge of the center of the left side of deck to the ground. Measure the same distance just behind the chute area on the right side of the deck. Or, place the blades in a straight line, and measure the distance from the outside edge of the blade tips to the ground.

4. Adjust the deck as follows: To raise the right side of the deck, tighten the adjusting screw. To lower the right side of the deck, back the adjusting screw off several turns. Remeasure the deck as described in step 3, and readjust if necessary. Tighten the jam nut to secure the adjusting screw when the deck is level.

SPEED CONTROL ADJUSTMENT (See figure 14)

NOTE

When operating the unit initially or after replacing the belts, there will be little difference between the highest two speeds until after the belts have gone through a break-in period and have seated themselves into the pulleys.

First, adjust the speed control lever by pushing the clutch-brake pedal forward until the stop on the brake rod is 1/8" to 1/4" away from the variable speed pulley bracket. See figure 14. Have another person hold the pedal in this position as you make the following adjustment. Place the speed control lever in parking brake position. Remove the hairpin cotter and flat washer from the rod attached to the back of the speed control lever. Adjust the ferrule on the rod so the stop on the brake rod is between 1/8" and 1/4" away from the bracket. See figure 14. Replace the flat washer and hairpin cotter.

Next, adjust the speed control link as follows to obtain the correct neutral adjustment.

1. Start the engine.
2. Place the shift lever in Neutral position.
3. Place the speed control lever in high speed position.
4. Release the clutch-brake pedal completely, then slowly depress the pedal all the way (to park position). Hold the pedal in this position.
5. Turn the engine off.
6. After engine stops completely, release the clutch-brake pedal.
7. Place speed control lever in second position.
8. Remove the cotter pin and flat washer which secures the ferrule on the speed control link to the bracket on the clutch-brake pedal assembly.
9. Push the clutch-brake pedal backward by hand as far as it will go using light pressure. Hold it in this position as you thread the ferrule on or off the speed control link until it lines up with the hole in the clutch-brake pedal assembly.
10. Secure the ferrule on the speed control link to clutch-brake pedal assembly with flat washer and cotter pin.

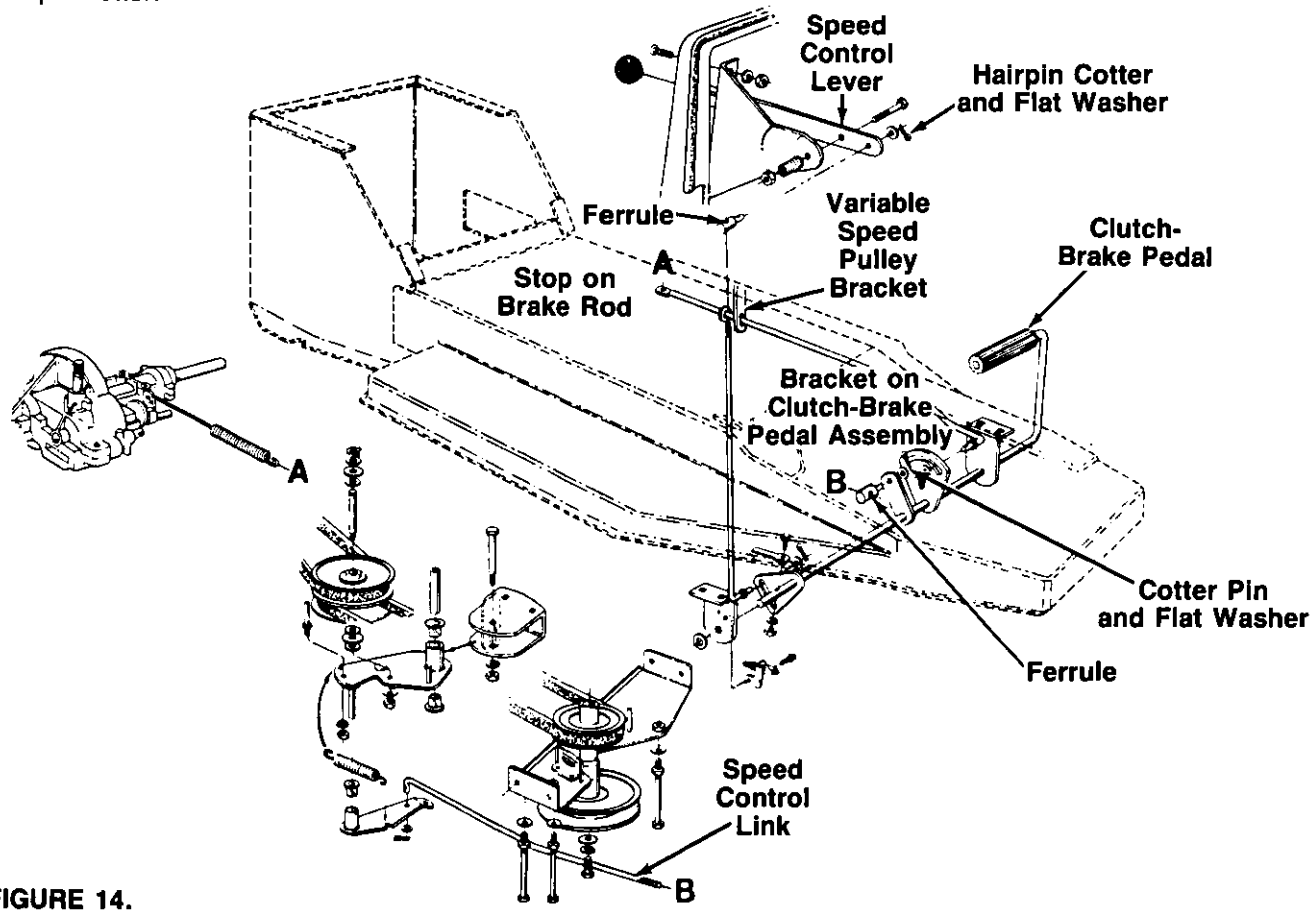


FIGURE 14.

NEUTRAL ADJUSTMENT (Wheel Drive)

1. Place the transmission in neutral. (The unit will move freely when pushed forward and backward with the parking brake released.)
2. Loosen the bolt which secures the shift lever assembly to the shift lever adjusting link. See figure 15.
3. Place the shift lever in the netural slot. See figure 15.
4. Tighten the bolt to 13 foot pounds.

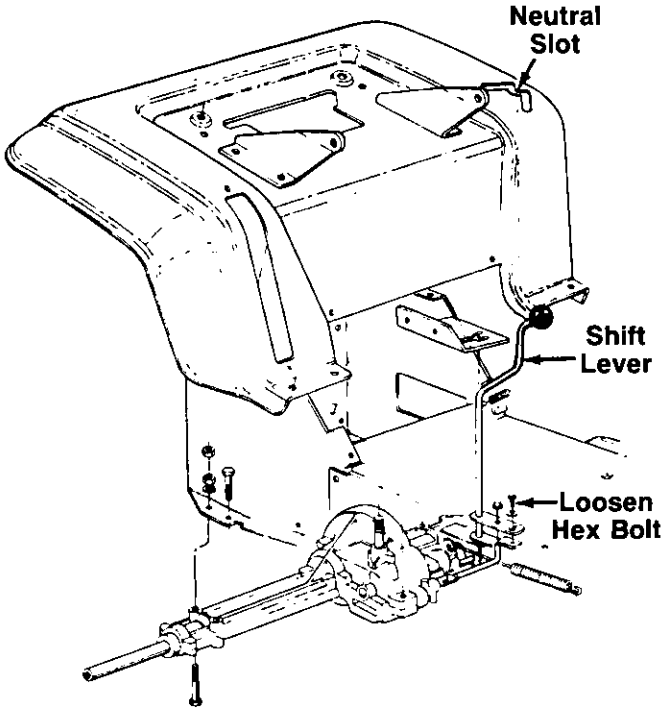


FIGURE 15.

CUTTING DECK ENGAGEMENT ADJUSTMENT

The cutting deck engagement may be adjusted to make certain deck is disengaged when lift handle is in the disengaged position, or to obtain more drive in the cutting positions. Correct adjustment as follows.

Place the lift handle in the highest cutting position (first notch down from disengaged position). The jam nuts on the threaded rod (above the rear of the deck) should be approximately 1/16" from the end of the tubing. See figure 16.

Move the jam nuts down the threaded rod to start to disengage the deck earlier. Move the jam nuts up to obtain more drive in the cutting positions.

WARNING

Make certain the unit is adjusted so that the cutting blades are disengaged when the lift handle is in the disengaged position.

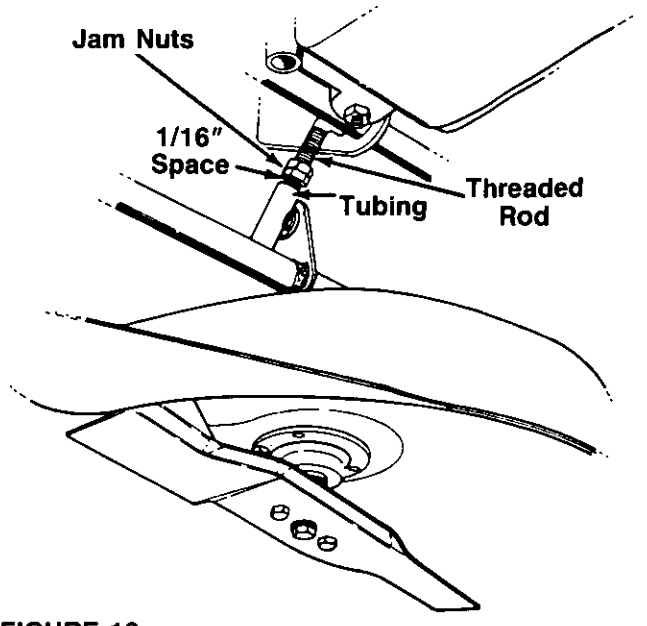


FIGURE 16.

WHEEL ADJUSTMENT

The caster (forward slant of the king pin) and the camber (tilt of the wheels out at the top) require no adjustment. Automotive steering principles have been used to determine the caster and camber on the tractor. The front wheels should toe-in 1/8 inch.

To adjust the toe-in, follow these steps.

1. Remove the cotter pin and flat washer from the ferrule on the tie rod end on the right side of the tractor. See figure 17.

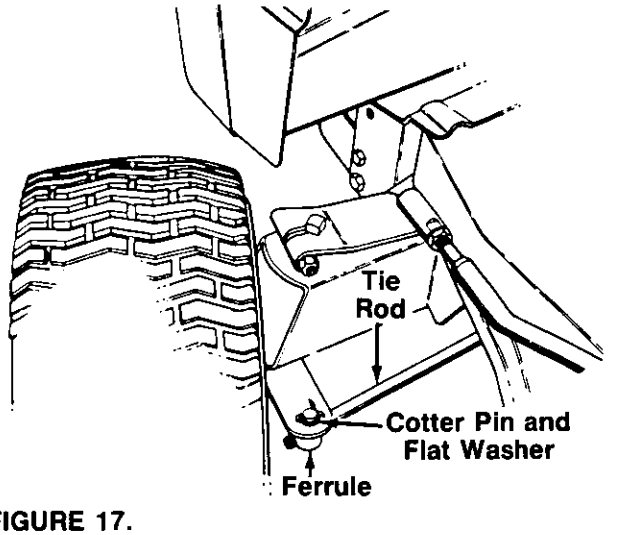


FIGURE 17.

2. Adjust the tie rod for correct toe-in by threading the ferrule in or out as necessary.

Dimension "B" should be approximately 1/8" less than Dimension "A." See figure 18.

A.) To increase Dimension "B," thread the ferrule onto the tie rod.

B.) To decrease Dimension "B," unscrew the ferrule from the tie rod.

C.) Reassemble tie rod. Check dimensions. Readjust if necessary.

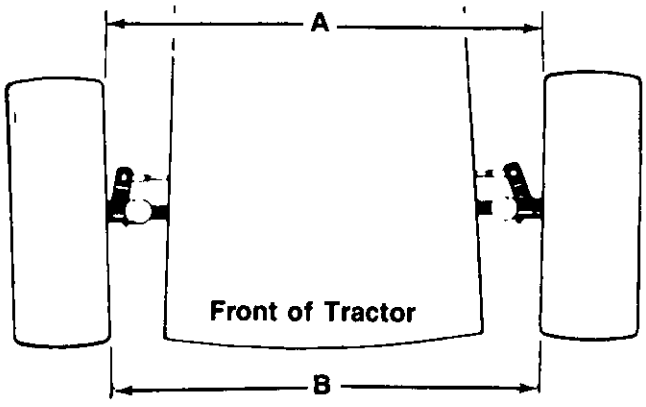


FIGURE 18. TOE-IN DIAGRAM

CARBURETOR ADJUSTMENT

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 adjustment may be required to compensate for differences in fuel, temperature, altitude and load. To adjust the carburetor, refer to the separate engine manual packed with your unit.

NOTE

A dirty air cleaner will cause an engine to run rough. Be certain air cleaner is clean and attached to the carburetor before adjusting carburetor. Refer to the separate engine manual.

BRAKE ADJUSTMENT (See figure 19)

The brake is located by the left rear wheel inside the frame. During normal operation of this machine, the brake is subject to wear and will require periodic examination and adjustment.

WARNING

Do not have the engine running when you adjust the brake.

To adjust the brake, remove the cotter pin. Adjust the castle nut so the brake starts to engage when the brake lever is ¼" to 5/16" away from the axle housing.

NOTE

Figure 19 is shown with the unit tipped up on rear wheels for clarity only.

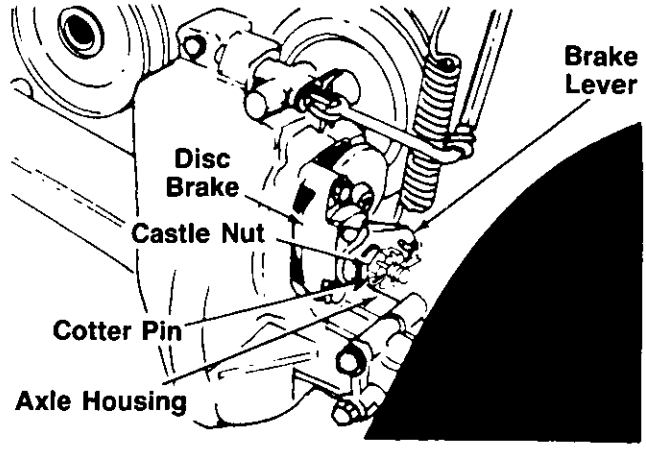


FIGURE 19.

LUBRICATION

WARNING

Always stop engine and disconnect spark plug wire before cleaning, lubricating or doing any kind of work on lawn tractor.

STEERING GEARS

Lubricate teeth of steering gears with automotive multi-purpose grease after every 25 hours of operation or once a season.

STEERING SHAFT

Lubricate steering shaft at least once a season with light oil.

TRANSAXLE

The transaxle is lubricated and sealed at the factory and does not require checking. If disassembled for any reason, lubricate with 10 oz. of grease, part number 737-0148.

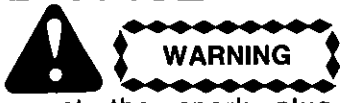
WHEELS

The front wheels are provided with grease fittings. The rear wheels must be removed from the axle for lubrication. Lubricate both front and rear wheels at least once a season with automotive multi-purpose grease.

PIVOT POINTS

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

MAINTENANCE



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

TROUBLE SHOOTING

Refer to page 21 of this manual for trouble shooting information.

CRANKCASE OIL

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

After the first five 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 every 25 hours of operation. Refer to the engine manual.

AIR CLEANER

Under normal operating conditions, the air cleaner, located on top of the carburetor, must be serviced after every ten hours of use. Under extremely dusty operating conditions, the air cleaner must be serviced after every hour of operation. To service the air cleaner, refer to the separate engine manual packed with your unit.

CLEANING ENGINE AND BLADE HOUSING

Any fuel or oil spilled on the machine should be wiped off promptly. Grass, leaves, and other dirt must not be left to accumulate around the cooling fins of the engine or on any part of the machine.

Clean the underside of the blade housing after each mowing.

SPARK PLUG

The spark plug should be cleaned and the gap reset once a season. Spark plug replacement is recommended at the start of each mowing season; check engine manual for correct plug type and gap specification.

CUTTING BLADE

A. Removal for Sharpening or Replacement

Be sure to disconnect and ground the spark plug wire and remove ignition key before working on the cutting blade to prevent accidental engine starting. Protect hands by using heavy gloves or a rag to grasp the cutting blades.

1. Remove the large bolt and lock washer which holds the blade and adapter to the blade spindle.
2. Remove the blade and adapter from the spindle.
3. If the blade or blade adapter needs replacing, remove the two small bolts, lock washers and nuts which hold the blade to the adapter.

B. Sharpening

Remove the cutting blade by following the directions of the preceding section.

When sharpening the blade, follow the original angle of grind as a guide. It is **extremely important** that each cutting edge receives an equal amount of grinding to prevent an unbalanced blade. An unbalanced blade will cause excessive vibration when rotating at high speeds, may cause damage to the mower and could break, causing personal injury.

The blade can be tested for balance by balancing it on a round shaft screwdriver. Remove metal from the heavy side until it balances evenly.

NOTE

It is recommended that the blade always be removed from the adapter for the best test of balance.

C. Reassembly

Before reassembling the blade and the blade adapter to the unit, lubricate the spindle and the inner surface of the blade adapter with light oil. Lubricating the bolt holes, bolts and inner surface of the nuts with light oil is also recommended. A 4 oz. plastic bottle of light oil lubricant is available. Order part number 737-0170. Engine oil may also be used.

When replacing the blade, be certain the wide blade is assembled on the right side of the deck. Be sure to install the blades with the side of the blades marked "Bottom" (or with part number) facing the ground when the mower is in the operating position.

Blade Mounting Torque

3/8" Dia. Bolt 375 in. lb. min., 450 in. lb. max.
5/16" Dia. Bolt 150 in. lb. min., 250 in. lb. max.

To insure safe operation of your unit, ALL nuts and bolts must be checked periodically for correct tightness.

FUEL FILTER

Your unit is equipped with a replaceable in-line fuel filter. Replace filter whenever contamination or discoloration is noticed. Order replacement filter through your engine authorized service dealer.

DRIVE BELT REMOVAL AND REPLACEMENT

Disconnect the spark plug wire and ground it against the engine. Block the wheels of the unit.

NOTE

When changing the rear drive belt, a spring puller or other suitable tool is required to remove an extension spring. A spring puller (part number 732-0571) is available to assist in removal of this spring.

NOTE

Figures 20, 24 and 25 are shown with the unit tipped up for clarity. It is not necessary to tip the unit to remove the belts.

Removing the Deck Belt

1. Place the lift lever in the disengaged position.
2. Remove the three hex bolts (belt keepers) from the engine pulley belt guard. See figure 20.

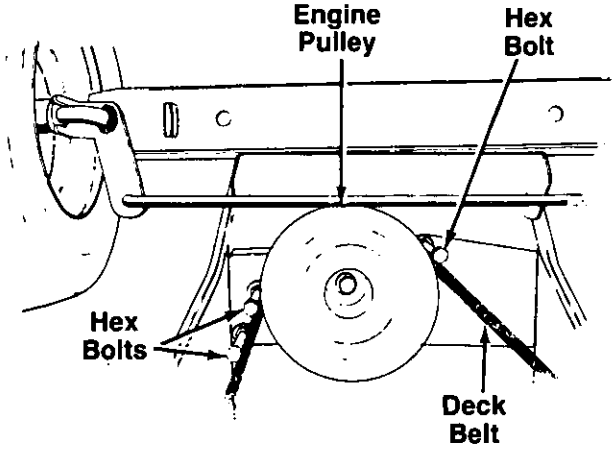


FIGURE 20.

NOTE

Make certain hex bolts are reassembled as shown in figure 20.

3. Unhook the deck belt from the engine pulley.
4. Place the lift lever in the engaged (all the way forward) position.
5. Disconnect the spring from the left rear deck bracket. See figure 21.
6. Disconnect the top of the four deck links by removing the hairpin clips and flat washers.
7. Slide the threaded rod out of the tubing. See figure 21. Slide the deck from beneath the lawn tractor.

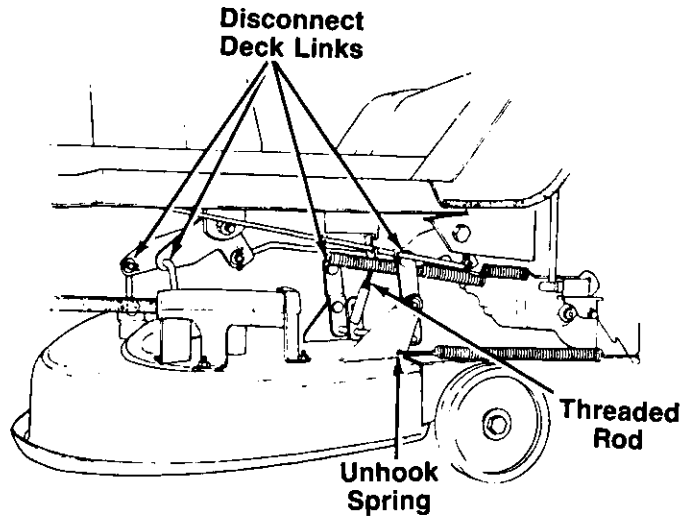


FIGURE 21.

8. Remove the belt guards at each deck pulley by removing the hex bolts, lock washers and hex nuts. See figure 22.
9. Remove and replace the belt, following the instructions in reverse order.

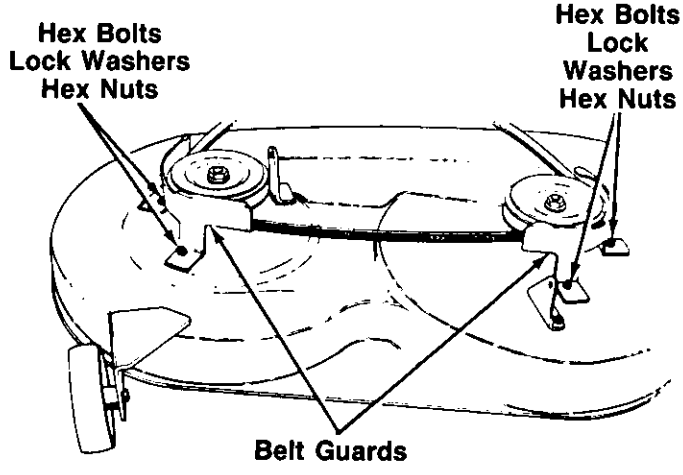


FIGURE 22.

Removing the Rear Drive Belt (Refer to figure 24)

1. Remove the cutting deck, following steps 1 through 7 of "Removing the Deck Belt" instructions.
2. Start the engine. Place shift lever in neutral. Place speed control lever in high speed position and turn engine off. Do not set parking brake.
3. Disconnect the large spring from the transmission support bracket, using a spring puller or other suitable tool. An access hole is provided in the rear of the frame for this purpose. See figure 23.

NOTE

A spring puller (part number 732-0571) is available to assist in removal of this spring.

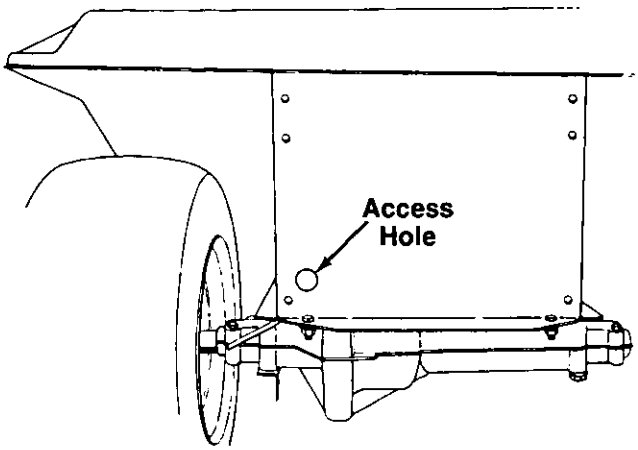


FIGURE 23.

4. Disconnect the small spring from the bolt on the right side of the frame and transmission support bracket.
5. Remove the brake rod out of the variable speed pulley bracket.
6. Loosen (**do not** remove) the bolts which secure the variable speed pulley bracket to allow clearance in order to remove the belts. A 7/16" socket wrench with extension is required.
7. Remove the rear drive belt from around the top of the variable speed pulley. Remove belt from transmission pulley and idler pulley.
8. Reassemble new belt, following instructions in reverse order.

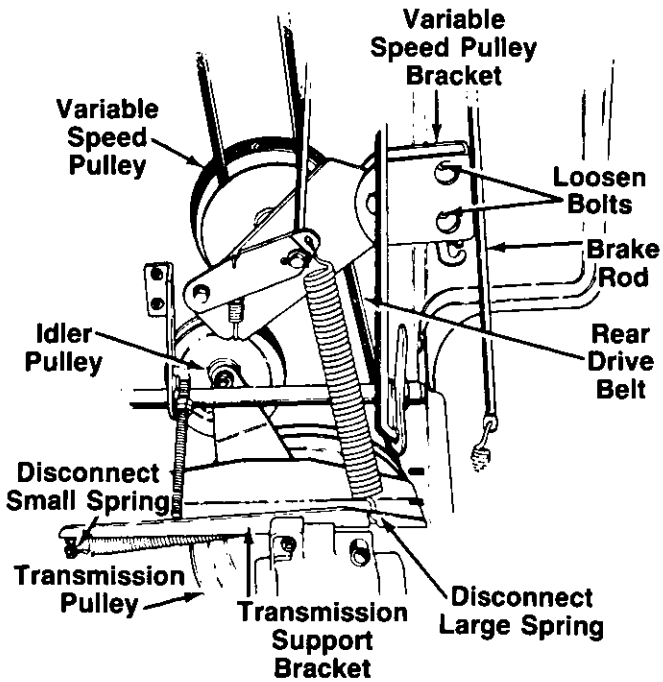


FIGURE 24.

Removing the Forward Drive Belt (See figure 25)

1. To remove the forward drive belt, first remove the rear drive belt (steps 1 through 7 of the preceding instructions).
2. Remove the engine pulley belt guard by removing two self-tapping screws from each side of the frame. Remove the engine pulley belt guard by moving it back and to the left.
3. Remove the forward drive belt from the engine pulley and from the variable speed pulley.
4. Reassemble new belt, following instructions in reverse order.

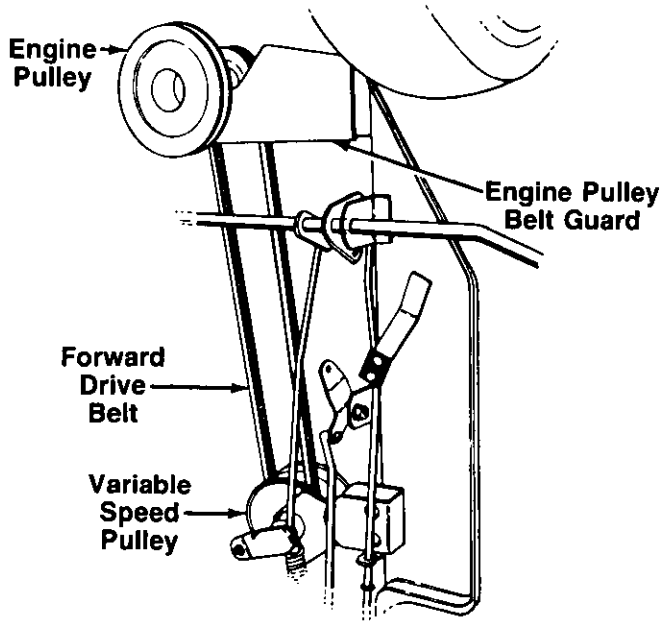


FIGURE 25.

BATTERY REMOVAL OR INSTALLATION

WARNING

When removing the battery, follow this order of disassembly to prevent the screwdriver 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.

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

BATTERY MAINTENANCE

1. Check periodically (every two weeks or before and after charging) to be sure electrolyte level is above the lowest line on battery. Add only distilled water or a good quality drinking water. NEVER add additional acid or other chemicals to 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, remove battery and recharge.
3. Coat the terminals and exposed wiring with a thin coat of grease or petroleum jelly for longer service and protection against electrolyte 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.

BATTERY STORAGE

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 ARE:

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.

TIRES

Recommended operating tire pressure is approximately 12 p.s.i. (check sidewall of tire for tire manufacturer's recommended pressure). Maximum tire pressure under any circumstances is 30 p.s.i. Equal tire pressure should be maintained on all tires.

When installing a tire to the rim, be certain rim is clean and free of rust. Lubricate both the tire and rim generously. Never inflate to over 30 p.s.i. to seat beads.

Excessive pressure (over 30 p.s.i.) when seating beads may cause tire/rim assembly to burst with force sufficient to cause serious injury.

OFF-SEASON STORAGE

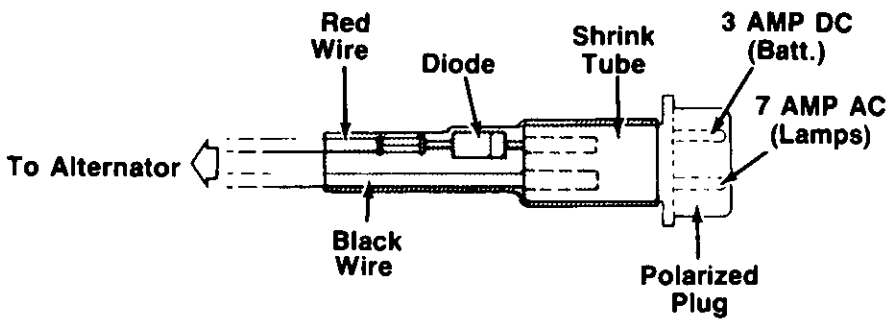
If the machine is to be inoperative for a period longer than 30 days, prepare for storage as follows.

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 in previous column.
5. Store unit in a clean, dry area.

NOTE

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

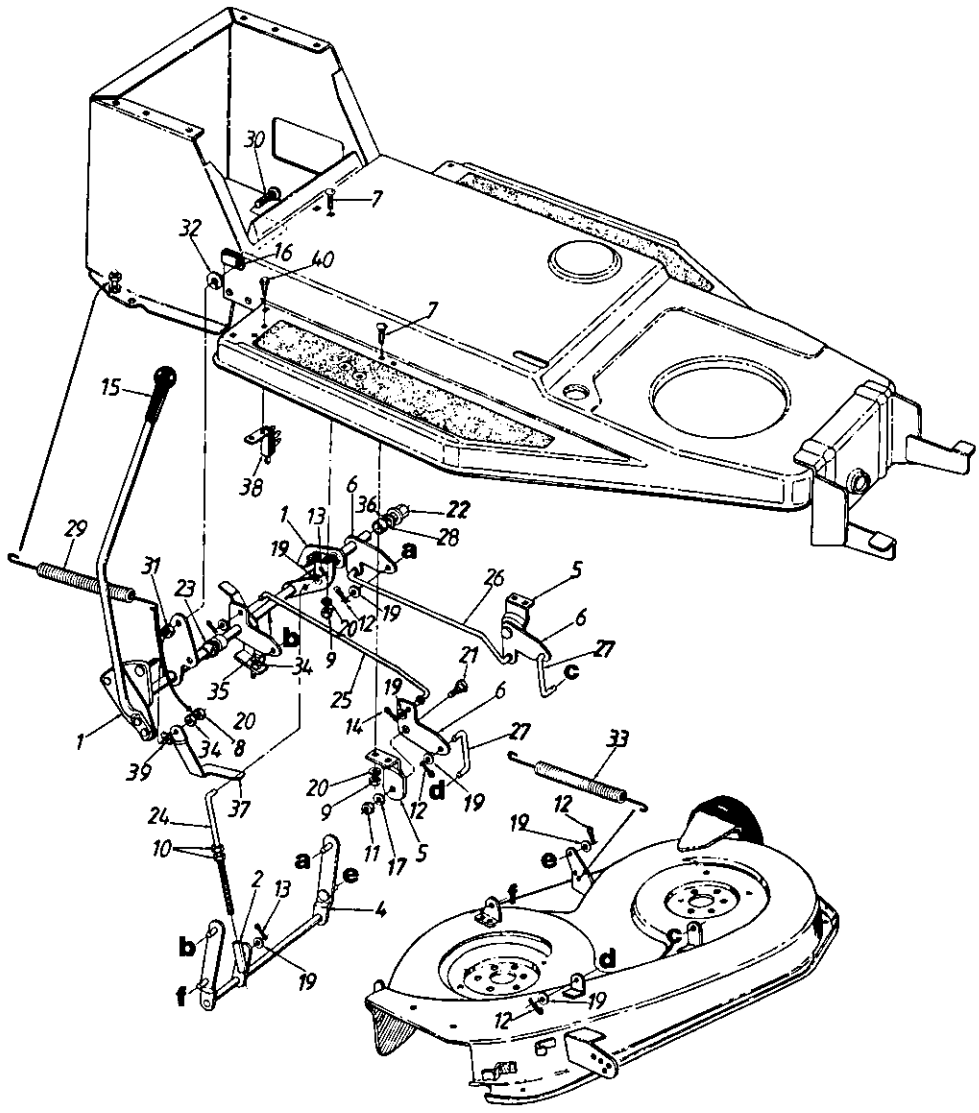
TROUBLE SHOOTING CHART FOR ELECTRIC START MODELS

TROUBLE	LOOK FOR	REMEDY
Engine will not crank	Battery installed incorrectly	The battery must be installed with the negative terminal, identified at the terminal post by (Neg, N or −), grounded. The positive terminal (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 electrician'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. 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 for starting.
	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.

TROUBLE SHOOTING CHART FOR ELECTRIC START MODELS

TROUBLE	LOOK FOR	REMEDY
	No fuel to the carburetor	Gasoline tank empty. Fill. Fuel line or in-line fuel filter plugged. Remove and clean fuel line. Replace filter if necessary.
	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 speed. The slower your ground speed, the better the quality of cut. Sharpen or replace blades (uncut strip problem only). Make certain deck engagement adjustment is correct. Refer to page 15.

13357



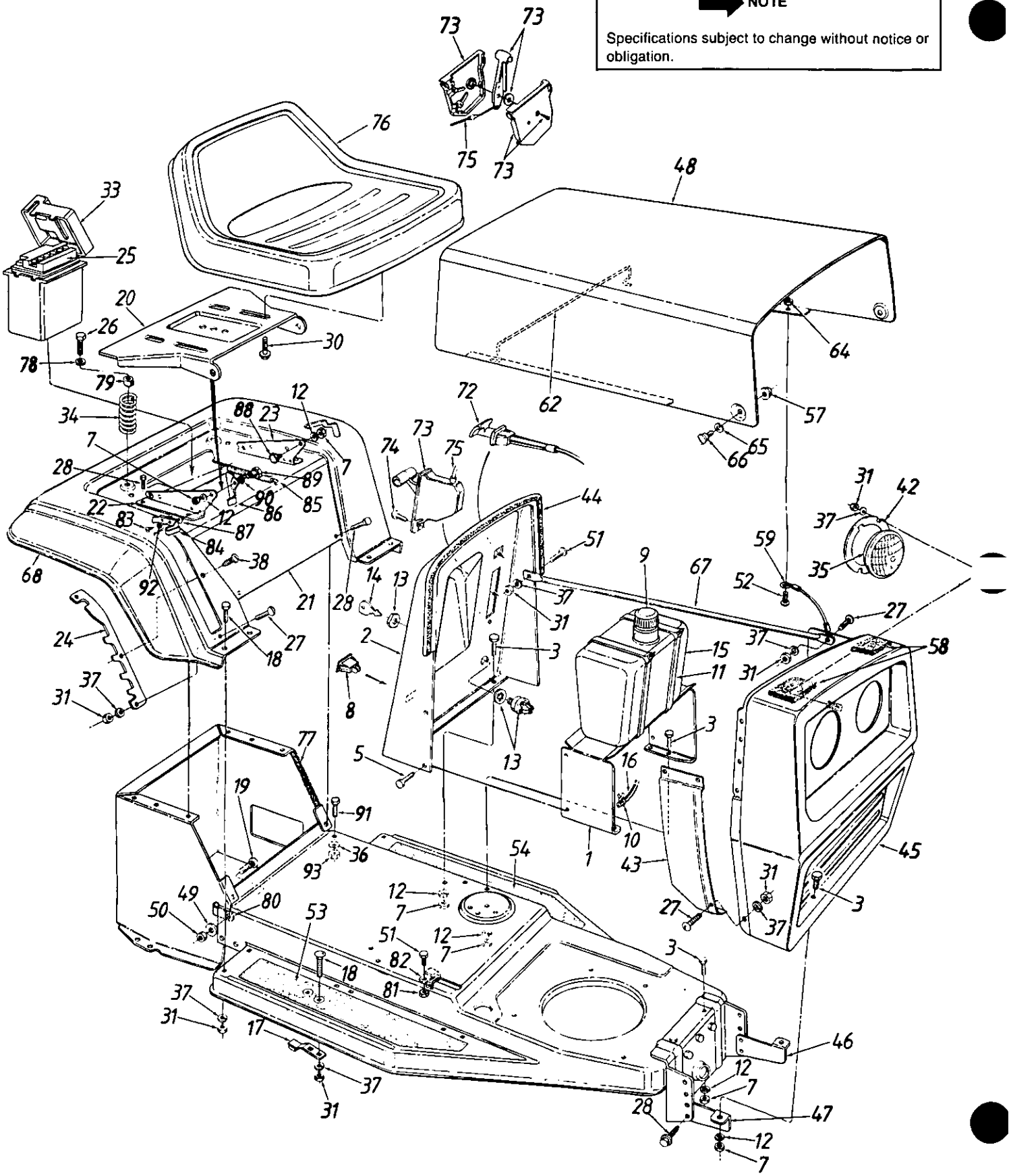
PARTS LIST FOR MODEL 13357 LAWN TRACTOR

REF. NO.	PART NO.	CODE	DESCRIPTION	REF. NO.	PART NO.	CODE	DESCRIPTION
1	16842		Lift Shaft Ass'y.	24	747-0677		J-Bolt 3/8-16 x 5.25" Lg.
2	16682		Pivot Sleeve Ass'y.	25	747-0678		Connecting Rod—R.H.
4	16688A	N	Stabilizer Ass'y.	26	747-0679		Connecting Rod—L.H.
5	16692A	N	Deck Lift Hanger	27	747-0689		Lift Link
6	16698		Deck Lift Float Brkt.	28	750-0547		Spacer
7	710-0134		Carr. Bolt ¼-20 x .62" Lg.	29	732-0153		Spring 8.65" Lg.
8	712-0158		Hex L-Nut 5/16-18 Thd.	30	710-0793		Ribbed Neck Bolt 3/8-24 x .80" Lg. (Special)
9	712-0287		Hex Nut ¼-20 Thd.*				
10	712-0711		Hex L-Nut 3/8-24 Thd.	31	712-0241		Hex Nut 3/8-24 Thd.*
11	712-0798		Hex Nut 3/8-16 Thd.*	32	736-0217		L-Wash. 3/8" I.D. H.D.
12	714-0104		Intern. Cot-Pin 5/16" Dia.	33	732-0564		Deck Spring 10.33" Lg.
13	714-0115		Cot-Pin 1/8" Dia.	34	712-0267		Hex Nut 5/16-18 Thd.*
14	714-0507		Cot-Pin 3/32" Dia.	35	710-0602		Hex Wash. Hd. Tap Scr. 5/16-18 x 1.0" Lg.
15	720-0223		Grip				
16	726-0267		Clamp	36	736-0174		Spr. Wash. .625" I.D.
17	736-0169		L-Wash. 3/8" I.D.*	37	16716		Switch Activating Brkt.
19	736-0185		Fl-Wash. .406" I.D. x .75" O.D.	38	725-0803B	N	Safety Switch
20	736-0329		L-Wash. ¼" I.D.*	39	736-0170		L-Wash. 5/16" I.D. (Special)
21	738-0281		Shld. Bolt .625 Dia. x .170" Lg.	40	710-0351		Truss Mach. B-Tap Scr. #10 x .5" Lg.
22	741-0225		Hex Flange Brg.				
23	741-0495		Nyliner Flanged Brg.				

13357

NOTE

Specifications subject to change without notice or obligation.



13357

PARTS LIST FOR MODEL 13357 LAWN TRACTOR

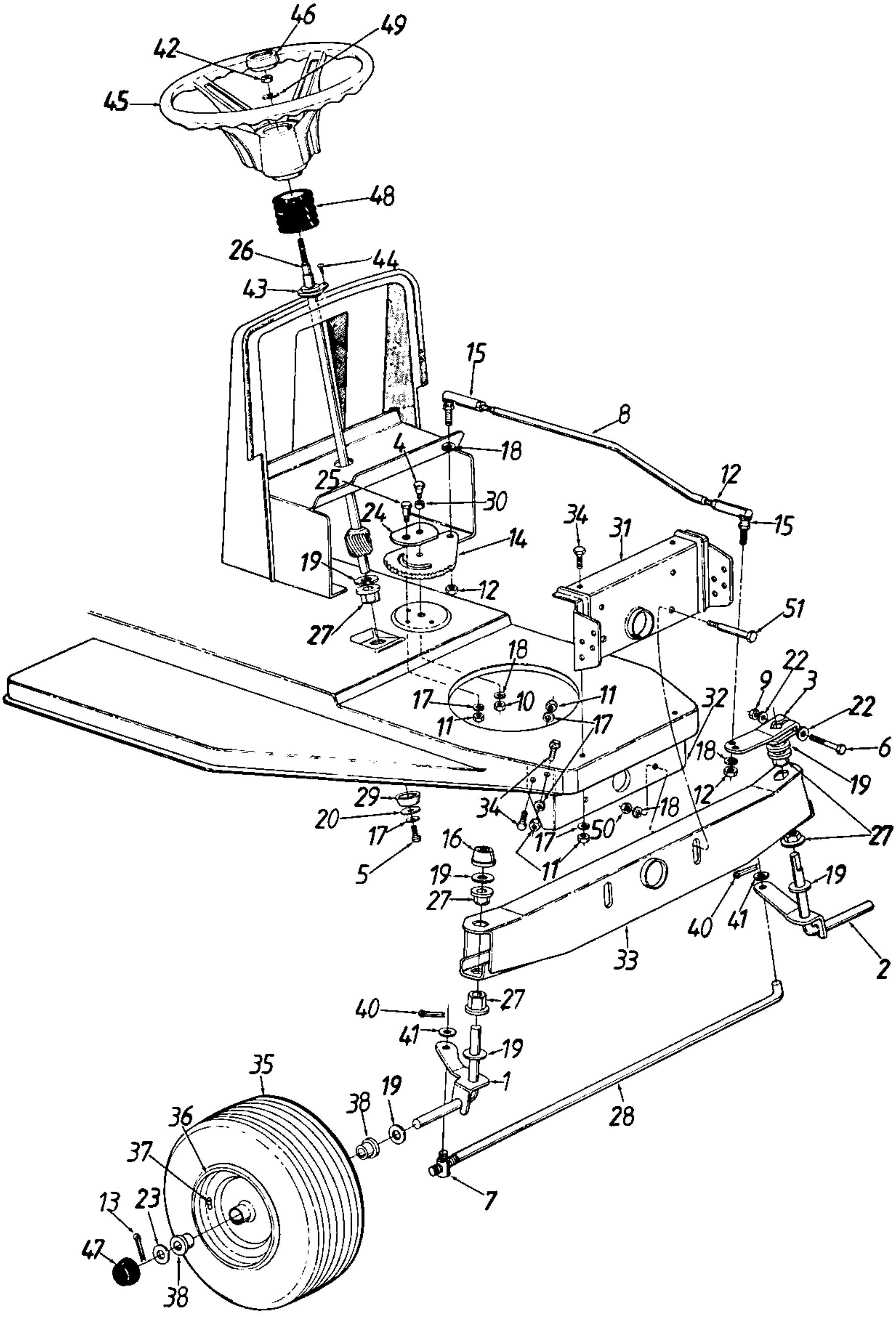
REF. NO.	PART NO.	CODE	DESCRIPTION	REF. NO.	PART NO.	CODE	DESCRIPTION
1	16655		Dash Panel Support Brkt.	45	14781		Grille
2	16656		Dash Panel	46	17143A	N	Grille Mtg. Brkt.—L.H.
3	710-0118		Hex Bolt 5/16-18 x .75" Lg.*	47	17144A	N	Grille Mtg. Brkt.—R.H.
5	710-0776A	N	Hex AB-Tap Scr. ¼ x .62"	48	16681	499	Hood
7	712-0267		Hex Nut 5/16-18 Thd.*	49	736-0217		L-Wash. 3/8" I.D.—H.D.
8	725-0634		Light Switch	50	712-0241		Hex L-Nut 3/8-24 Thd.
9	723-0333		Gas Gauge	51	710-0258		Hex Bolt ¼-20 x .62" Lg.*
10	726-0207		Hose Clamp	52	710-0473		Truss Mach. Scr. #10-24 x .5" Lg.
11	726-0209		Cable Tie				
12	736-0119		L-Wash. 5/16" I.D.*	53	723-0308A	N	Foot Pad—R.H.
13	725-0267		Ignition Switch	54	723-0309A	N	Foot Pad—L.H.
14	725-1123		Ignition Key	57	712-0380		Lock Nut ¼-28 Thd.
15	751-0172		Fuel Tank	58	722-0157		Foam Strip
16	751-0173A	N	Gas Line	59	723-0302		Hood Stop
17	761-0157		Blade Brake Ass'y.	62	732-0414A	N	Hood Spring
18	710-0134		Carriage Bolt ¼-20 x .62"	64	712-0272		Hex Sems Nut #10-24 Thd.
19	710-0793		Ribbed Neck Bolt 3/8-24 x .8"	65	736-0413		Spr. Wash. .39" I.D. x .62" O.D.
20	15607D	N	Seat Pivot Brkt.	66	738-0724		Shld. Bolt
21	16660C	621/N	Rear Fender	67	749-0722		Grille Support
22	17284		Seat Hinge Support Brkt.—R.H.	68	731-0511-81		Trim Strip 81" Lg.
23	17283		Seat Hinge Support Brkt.—L.H.	72	746-0617A	N	Choke Control
24	17133A	N	Deck Lift Index Brkt.	73	831-0823A	N	Throttle Control Box
25	725-0514A	N	Battery	74	710-0779A	N	Truss AB-Tap Scr. #10 x .5"
26	710-0817		Hex Self-Tap Screw 5/6-18 x 1.25" Lg.	75	746-0638A	N	Throttle Wire
				76	757-0345		Seat Assembly
27	710-0255		Truss Mach. Scr. ¼-20 x .75" Lg.	77	731-0511-5		Trim Strip 5" Lg.
				78	736-0159		Flat Wash. .344" I.D. x .88" O.D.
28	710-0726		Hex AB-Tap Scr. 5/16 x .75" Lg.	79	722-0160		Bushing
30	710-0623		Hex Self-Tap Scr. 3/8-16 x .75" Lg.	80	726-0267		Clamp
				81	712-0107		Hex L-Nut ¼-20 Thd.
31	712-0287		Hex Nut ¼-20 Thd.*	82	726-0175		Clamp
33	731-0871A	N	Battery Box w/Cover	83	710-0227		Hex Tap Scr. #8 x .5" Lg.
34	732-0548		Compression Spring	84	725-1303		Spring Switch
35	725-0222		Headlight	85	732-0581		Ext. Spring 5.31" Lg.
36	736-0242		Bell-Wash. 5/16" I.D.	86	17239A	N	Seat Lift Brkt.
37	736-0329		L-Wash. ¼" I.D.*	87	726-0222		Insulator Nut Plate
38	710-0351		Hex Wash. Hd. Tap Scr. #10 x .5" Lg.	88	738-0155		Shld. Bolt .437" Dia. x .162" Lg.
				89	738-0296		Shld. Bolt .437" Dia. x .268" Lg.
42	09960		Headlight Retainer	90	736-0141		Spr. Wash. .445" I.D. x .75" O.D.
43	14748A	N	Side Panel—R.H.	91	710-0157		Hex Bolt 5/16-24 x .75" Lg.
	14749A	N	Side Panel—L.H. (Not Shown)	92	736-0426		Fiber Washer
44	731-0511-31		Trim Strip 31" Lg.	93	712-3057		Hex Nut 5/16-24 Thd.

*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.

CODE: N notates a **new part** (not previously existing). A three digit number is the **color code** (use if color or finish is important when ordering parts) as shown below. [i.e., (part no.)-499 for Beige Finish].

499—Beige
621—Brilliant Fire Mist

13357



46
49
42
45
48
26
44
43
15
8
18
4
25
30
12
15
24
14
34
31
19
12
51
27
18
9
22
3
17
10
11
22
11
17
32
6
18
19
29
12
34
18
20
17
50
27
17
16
11
5
19
19
27
40
41
33
2
40
27
41
19
35
1
19
28
38
36
37
7
13
23
47
38

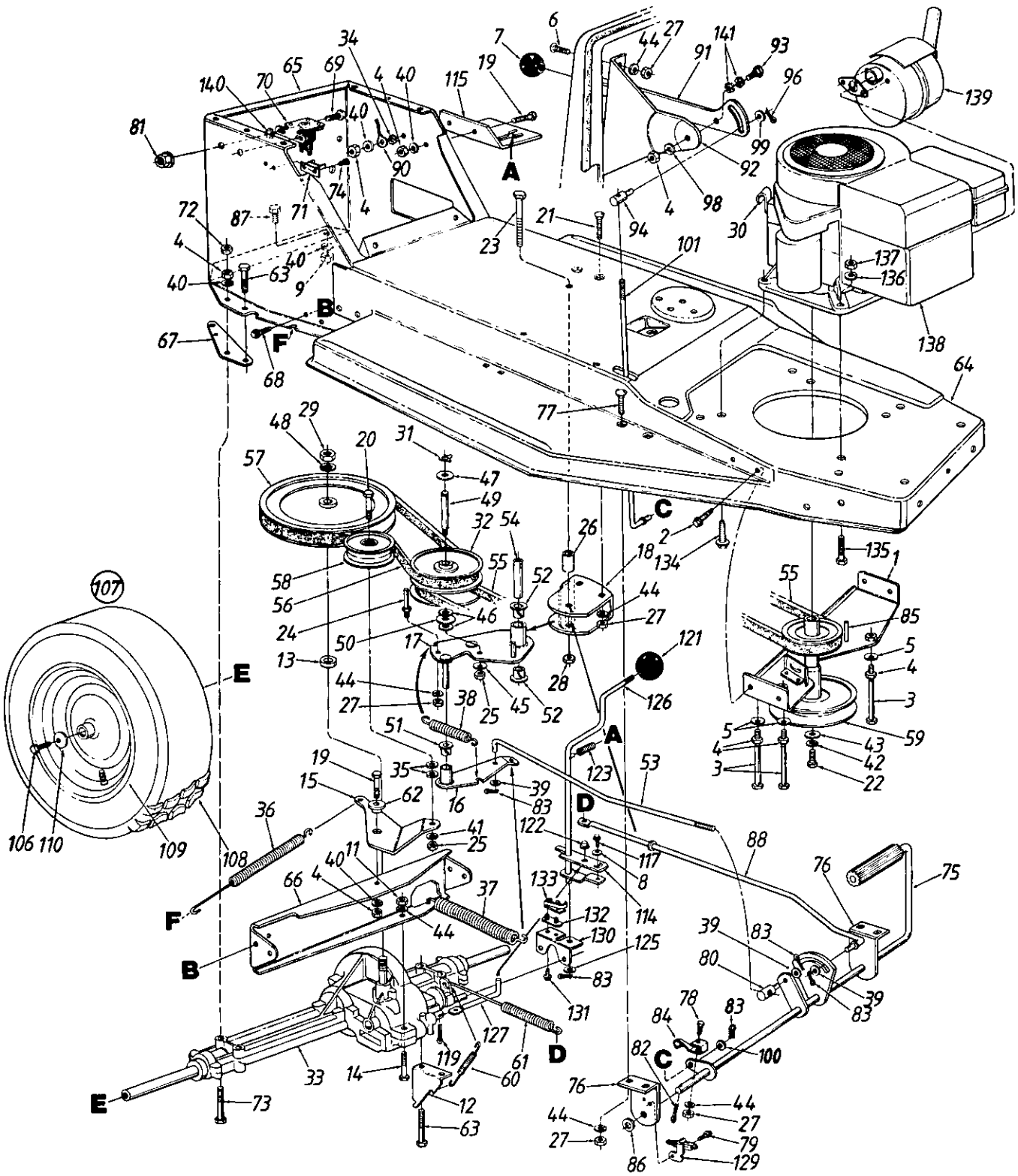
13357

PARTS LIST FOR MODEL 13357 LAWN TRACTOR

REF. NO.	PART NO.	CODE	DESCRIPTION	REF. NO.	PART NO.	CODE	DESCRIPTION
1	14650A	N	Front Axle Ass'y.—R.H.	27	741-0225		Hex Flange Brg. .634 Dia.
2	16479		Front Axle Ass'y.—L.H.	28	747-0558		Tie Rod 18.37 Lg.
3	16481		Steering Arm	29	750-0532		Spacer .985 I.D.
4	710-0152		Hex Bolt 3/8-24 x 1" Lg.*	30	750-0535		Spacer .380 I.D.
5	710-0538		Hex Bolt 5/16-18 x .62" (Spec.)	31	16657		Front Pivot Bar Support Brkt.
				32	16658		Rear Pivot Bar Support Brkt.
6	710-0772		Hex Bolt 5/16-24 x 2" Lg.*	33	17127		Pivot Bar Ass'y.
7	711-0723		Ferrule	34	710-0118		Hex Bolt 5/16-18 x .75" Lg.*
8	711-0809		Steering Drag Link	35	734-1422		Front Wheel Ass'y. Comp. 13 x 6
9	712-0237		Hex L-Nut 5/16-24 Thd.				
10	712-0241		Hex Nut 3/8-24 Thd.		734-1421		Tire Only
11	712-0267		Hex Nut 5/16-18 Thd.*	36	734-0997A	N	Rim Ass'y. Only
12	712-0711		Hex Jam Nut, 3/8-24	37	734-0255		Air Valve
13	714-0470		Cotter Pin 1/8 Dia.	38	741-0487		Flange Bearing .632 I.D.
14	717-0622		Steering Gear Segment	40	714-0111		Cotter Pin 3/32" Dia.
15	723-3018		Drag Link Ball Joint 3/8-24 Thd.	41	736-0185		Fl-Wash. .406" I.D. x .75"
				42	712-0237		Hex L-Nut 5/16-24 Thd.
16	726-0214		Push Cap	43	741-0501		Steering Column Brg.
17	736-0119		L-Wash. 5/16" I.D.*	44	710-0837		Cr-Sunk Scr. #10 x 5/8" Lg.
18	736-0169		L-Wash. 3/8" I.D.*	45	731-0805		Steering Wheel
19	736-0187		Fl-Wash. .64" I.D. x 1.24"	46	731-0220		Steering Wheel Cap
20	736-0343		Fl-Wash. .340" I.D. x 1.125"	47	731-0484A	N	Hub Cap
22	736-0271		Spr. Wash. .32 I.D. x .62	48	731-0559		Bellow Steering Column
23	736-0285		Fl-Wash. .635 I.D. x 1.585	49	736-0242		Bell-Wash. .345 I.D. x .88
24	17198		Retainer Plate	50	712-0798		Hex Nut 3/8-16 Thd.*
25	738-0141		Shld. Bolt .437 Dia. x .350	51	738-0728		Shld. Bolt ½" Dia. x 2.32"
26	738-0730		Steering Shaft				

*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.

13357


A
B
C
D
E
F
107
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
90
91
92
93
94
96
98
99
100
101
106
108
109
110
114
115
117
119
121
122
123
125
126
127
129
130
131
132
133
134
135
136
137
138
139
140
141

13357

PARTS LIST FOR MODEL 13357 LAWN TRACTOR

REF. NO.	PART NO.	CODE	DESCRIPTION
1	16670		Engine Pulley Belt Guard Ass'y.
2	710-0776		Hex AB-Tap Scr. ¼ x .62"
3	710-0833		Hex Bolt 5/16-18 x 5¼" Lg.
4	712-0267		Hex Nut 5/16-18 Thd.*
5	736-0242		Bell-Wash. .345" I.D. x .88
6	710-0286		Truss-Mach. Scr. ¼-20 x .50" Lg.*
7	720-0165		Shift Knob
8	736-0270		Bell-Wash. .265" I.D. x .75
9	712-3057		Hex Nut 5/16-24 Thd.—Gr. 5
11	712-0138		Hex Nut ¼-28 Thd.*
12	17128		Spring Retainer Brkt.
13	750-0721		Spacer .5" I.D.
14	710-0559		Hex Bolt ¼-28 x 1.75" Lg.*
15	15891B	N	Idler Bracket
16	16352A	N	Variable Speed Torque Brkt. Ass'y.
17	16676A	N	Variable Speed Brkt. Ass'y.
18	16679		Variable Speed Pivot Brkt.
19	710-0118		Hex Bolt 5/16-18 x .75" Lg.*
20	710-0151		Hex Bolt 3/8-24 x 2.0" Lg. Gr. 5
21	710-0703		Carr. Bolt ¼-20 x .75" Lg.
22	710-0757		Hex Bolt 7/16-20 x 1.5" Lg.*
23	710-0704		Hex Bolt 3/8-24 x 4.0" Lg.
24	711-0768		Belt Guard Pin
25	712-0241		Hex Nut 3/8-24 Thd.*
26	750-0374		Spacer .38" I.D.
27	712-0287		Hex Nut ¼-20 Thd.*
28	712-0296		Hex Patch Nut 3/8-24 Thd.
29	712-0922		Hex Jam Nut ½-20 Thd.
30	726-0175		Clamp
31	716-0114		Snap Ring
32	717-0800		Variable Speed Pulley Ass'y.
33	717-0775		Transaxle Complete
34	736-0607		Ext. L-Wash. 5/16" I.D.
35	736-0258		Fl-Wash. 3/8" I.D. x 1.0" O.D.
36	732-0384		Extension Spring 6.12" Lg.
37	732-0459		Extension Spring 7.5" Lg.
38	732-0568		Extension Spring 2.59" Lg.
39	736-0117		Fl-Wash. .385" I.D. x .620"
40	736-0119		L-Wash. 5/16" I.D.*
41	736-0169		L-Wash. 3/8" I.D.*
42	736-0171		L-Wash. 7/16" I.D.*
43	736-0322		Fl-Wash. .450" I.D. x 1.25"
44	736-0329		L-Wash. 1/4" I.D.*
45	736-0331		Bell-Wash. .39" I.D. x 1.13"
46	736-0355		Fl-Wash. .56" I.D. x 1.0" O.D.
47	736-0414		Washer "Teflon" .565 I.D.
48	736-0253		Bell-Wash. ½" I.D. x 1.0" O.D.
49	738-0569		Shaft .56" Dia. x 3.875" Lg.
50	741-0405		Thrust Brg. 1.25 O.D.
51	741-0419		Flanged Nyliner Brg.
52	741-0495		Nyliner Flanged Brg.
53	747-0688		Speed Control Link
54	750-0703		Spacer
55	754-0280		V-Belt
56	754-0281		V-Belt
57	756-0374		½ V-Pulley .500" I.D. x 8.00"
58	756-0437		Idler Pulley 3-1/8" Dia.
59	756-0508		Dbl. Pulley 6.0" Dia. x 3.56"
60	732-0303		Extension Spring 3.18" Lg.
61	732-0413		Extension Spring 7.08" Lg.
62	748-0234		Shld. Spacer .500" Dia.
63	710-0176		Hex Bolt 5/16-18 x 2.75" Lg.*
64	16714A	N	Front Frame
65	16715		Rear Frame
66	16654		Transaxle Support Brkt.
67	16659		Transaxle Brkt. Reinforcement
68	710-0726		Hex Wash. AB-Tap Scr. 5/16 x .75" Lg.
69	710-0258		Hex Bolt ¼-20 x .62" Lg.*
70	725-0771		Solenoid
71	725-0459		Circuit Breaker
72	712-0158		Hex L-Nut 5/16-18 Thd.
73	710-0189		Hex Bolt 5/16-18 x 3.0" Lg.*
74	710-0351		Truss Mach. B-Tap Scr. #10 x .50" Lg.
75	17470	N	Clutch/Brake Pedal Ass'y.
76	16691B	N	Clutch/Brake Pedal Mounting Brkt.
77	710-0134		Carr. Bolt ¼-20 x .62" Lg.
78	710-0597		Hex Bolt ¼-20 x 1.0" Lg.*
79	710-0599		Hex TT-Tap Scr. ¼-20 x .5"
80	711-0198		Ferrule
81	712-0271		Hex Sems Nut ¼-20 Thd.
82	714-0111		Cot-Pin 3/32" Dia. x 1.0" Lg.
83	714-0507		Cot-Pin 3/32" Dia. x .75" Lg.
84	732-0582		Switch Actuator
85	714-0114		Sq. Key ¼ x 2.0" Lg.
86	736-0256		Fl-Wash. .635" I.D. x 1.0"
87	710-0157		Hex Bolt 5/16-24 x .75" Lg.
88	747-0686		Brake Rod
90	725-0976A	N	Ground Wire 7.25" Lg.
91	17457	N	Speed Selector Lever
92	16694A	N	7 Speed Selector Brkt.
93	738-0141		Shld. Bolt .437" Dia. x .35" Lg.
94	711-0677		Ferrule
96	714-0104		Intern. Cot-Pin 5/16" Dia.
98	736-0119		L-Wash. 5/16 I.D.*
99	736-0264		Fl-Wash. .344" I.D. x .62"
100	736-0463		Fl-Wash. .25" I.D. x .62" O.D.
101	747-0675		Speed Control Rod
106	710-0627		Hex L-Bolt 5/16-24 x .75" Lg.
107	734-1424		Rear Wheel Ass'y. Comp.
108	734-1423		Turf Tread 16.0 x 7.50 Rear
109	734-1450		Rear Wheel Rim Ass'y.
110	736-0242		Bell-Wash. .345" I.D. x .88"
114	17178A	N	Shift Lever Adjusting Link
115	16482		Shift Lever Spring Brkt.
117	710-0289		Hex Bolt ¼-20 x .50 Lg.*
119	714-0149B	N	Intern. Cotter Pin
121	720-0175		Ball Knob
122	726-0231		Retaining Ring
123	732-0499		Compression Spring 1.5" Lg.
125	736-0226		Fl-Wash. .469" I.D. x .88"
126	747-0694A	N	Shift Rod Ass'y.
127	747-0685		Shift Rod
128	725-0465		Safety Switch
129	725-0577		Safety Switch

13357

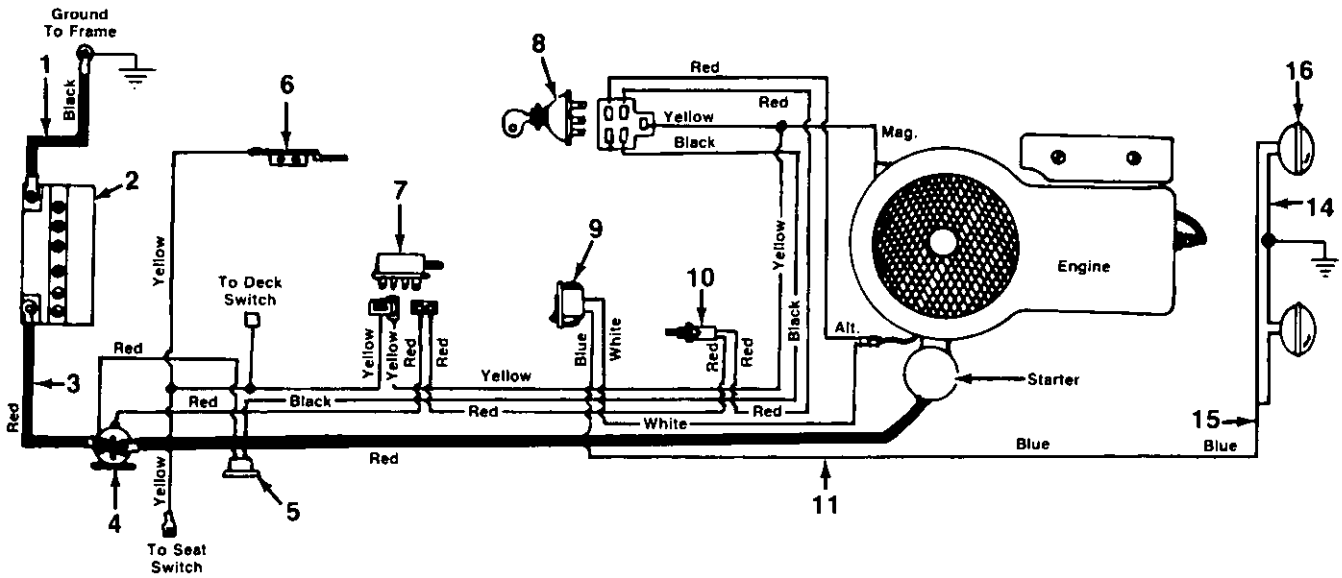
PARTS LIST FOR MODEL 13357 LAWN TRACTOR (CONTINUED)

REF. NO.	PART NO.	CODE	DESCRIPTION
130	17179		Shift Lever Support
131	710-0227		Hex Wash. Hd. #8 x .50" Lg.
132	726-0222		Insulator Nut Plate
133	725-0758		Spring Switch
134	710-0502A	N	Hex Wash. Hd. Tap Scr. 3/8-16 x 1.25" Lg.
135	710-0672		Hex Bolt 5/16-24 x 1¼" Lg. Grade 5
136	736-0119		L-Wash. 5/16" I.D.*
137	712-0123		Hex Nut 5/16-24 Thd.*
138	—		Engine
139	†		Muffler
140	736-0222		Ext. L-Wash. ¼" I.D.
141	736-0141		Wave Wash. .445" I.D.

†MUFFLER CHART

Muffler	Mounting Hardware	
751-0443A	Shoulder Bolt	738-0636
	Gasket	721-0208

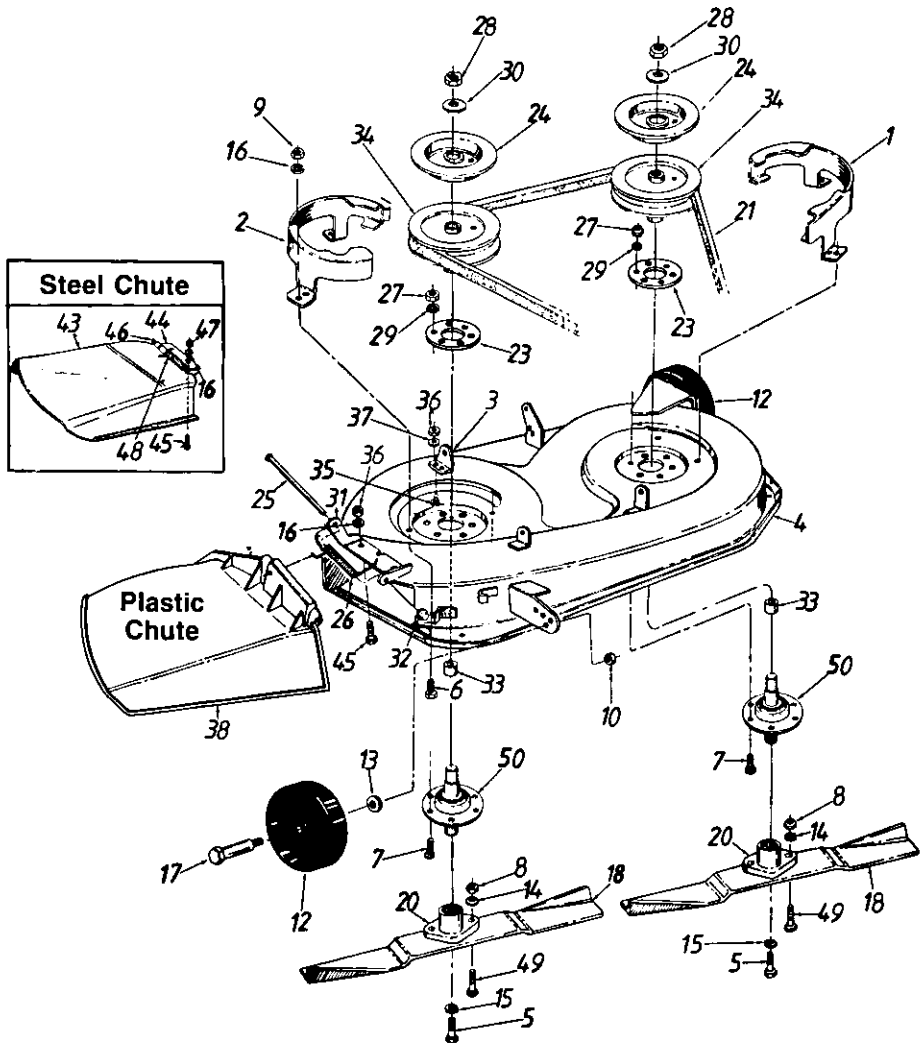
13357



PARTS LIST FOR ELECTRICAL SYSTEM

REF. NO.	PART NO.	CODE	DESCRIPTION	REF. NO.	PART NO.	CODE	DESCRIPTION
1	725-0976A	N	Ground Wire	9	725-0634		Light Switch
2	725-0514A	N	Battery	10	725-0577		Safety Switch (Black)
3	725-1351		Electric Wire	11	725-1337A	N	Harness
4	725-0771		Solenoid	14	725-0916A	N	Ground Wire
5	725-0459		Circuit Breaker	15	725-1243		Headlight Harness
6	732-0758		Spring Switch	16	725-0222		Lamp
7	725-0803B	N	Safety Switch	17	725-1303		Seat Switch (Not Shown)
8	725-0267		Key Switch				

13357

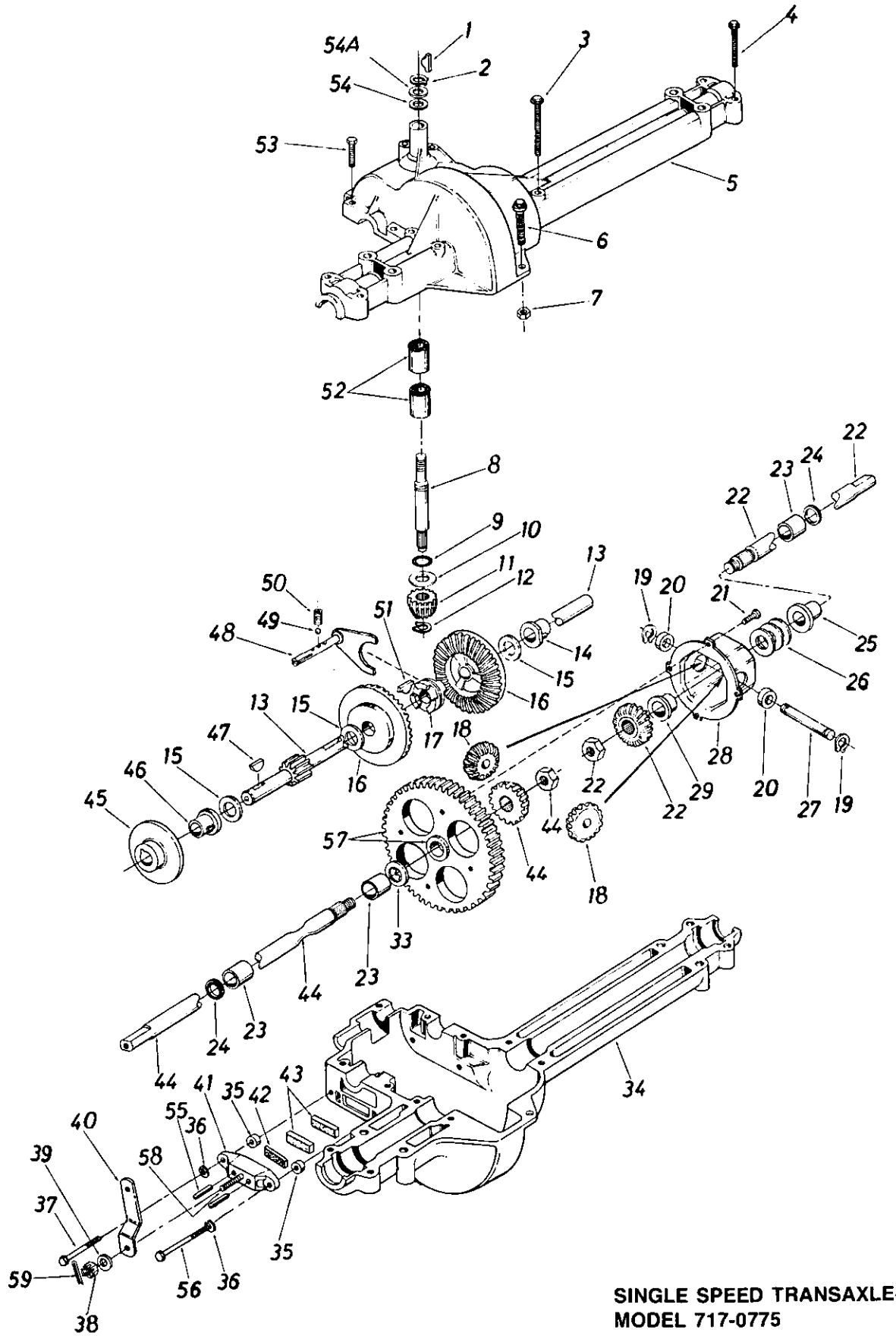


PARTS LIST FOR MODEL 13357 LAWN TRACTOR

REF. NO.	PART NO.	CODE	DESCRIPTION	REF. NO.	PART NO.	CODE	DESCRIPTION
1	16607		Belt Guard Deck—L.H.	26	732-0602	N	Torsion Spring
2	16608A	N	Belt Guard Deck—R.H.	27	712-0123		Hex Nut 5/16-24 Thd.*
3	16666		Rear Deck Brkt.—R.H.	28	712-0318		Hex Jam Nut 5/8-18 Thd.
4	17101		32″ Deck Ass'y.	29	736-0119		L-Wash. 5/16″ I.D.
	17134		32″ Deck Ass'y. Comp. (Service Only)	30	736-0158		L-Wash. 5/8″ I.D.
				31	703-1693	N	Hinge Mtg. Brkt.
5	710-0152		Hex Bolt 3/8-24 x 1.0″ Lg.	32	726-0106		Push Nut
6	710-0195		Hex Bolt 1/4-28 x .62″ Lg.	33	750-0456		Spacer
7	710-1012		Rib Neck Bolt	34	756-0486		5″ Dia. Pulley
8	712-0123		Hex Nut 5/16-24 Thd.*	35	710-0258		Hex Scr. ¼-20 x .62″ Lg.*
9	712-0138		Hex Nut 1/4-28 Thd.*	36	712-0287		Hex Nut ¼-20 Thd.*
10	712-0181		Hex L-Nut 3/8-16 Thd.	37	736-0329		L-Wash. ¼″ I.D.*
12	734-0973		Deck Wheel	38	731-1032	N	Chute Ass'y. Comp. (Plastic)
13	736-0105		Bell-Wash. .380″ I.D. x .88	43	17136		Chute Ass'y. (Steel)†
14	736-0119		L-Wash. 5/16″ I.D.*	44	17137		Chute Bracket (Steel)†
15	736-0217		L-Wash. 3/8″ I.D. H.D.	45	710-0255		Truss-Mach. Scr. ¼-20 x .75″ Lg.
16	736-0270		Bell-Wash. .265″ I.D. x .75				
17	738-0373		Shld. Bolt .498″ Dia. x 1.53	46	711-0808		Hinge Pin†
18	742-0487		High-Lift Blade	47	712-0298		Hex Jam Nut ¼-20 Thd.
20	748-0300		Blade Adapter	48	732-0542		Torsion Spring 1.14″ Lg.†
21	754-0355		V-Belt	49	710-0888		Hex Bolt 5/16-24 x 1.0″ Lg. (Special)
23	09164A	N	Reinforcement Plate				
24	09322		Brake Disc	50	717-0900		Blade Spindle Complete
25	711-0792		Hinge Pin				

†Optional Parts

13357



SINGLE SPEED TRANSAXLE—L.H.
MODEL 717-0775

13357

PARTS LIST FOR
SINGLE SPEED TRANSAXLE LEFT HAND 717-0775

REF. NO.	PART NO.	CODE	DESCRIPTION	REF. NO.	PART NO.	CODE	DESCRIPTION
1	714-0129		#4 Hi-Pro Key 3/32 x 5/8" Dia.	34	717-0761		Lower Housing
2	716-0115		Snap Ring .625" Shaft	35	750-0555		Spacer .53" O.D. x 3/8" Lg.
3	710-0854		Hex Bolt ¼-20 x 1.75" Lg.*	36	736-0329		L-Wash. ¼" I.D.*
4	710-0378		Hex Bolt 5/16-18 x 2.5"	37	710-0886		Hex Bolt ¼-20 x 1.50" Lg. (Grade 5)
5	717-0764		Upper Housing				
6	710-0889		Hex Fl-Bolt ¼-20 x .88" Lg.*	38	712-0335		Castle Nut 5/16-24 Thd.
7	712-0287		Hex Nut ¼-20 Thd.*	39	736-0159		Fl-Wash. .344" I.D. x .875" O.D.
8	717-0634		Input Shaft				
9	721-0178		Square Seal 5/8" I.D.	40	717-0772		Actuating Arm
10	736-0335		Thrust Washer 5/8" I.D. x 1.25" O.D.	41	717-0679		Brake Yoke
				42	717-0682		Puck Plate
11	717-0633		Pinion Input 14T	43	717-0678		Brake Puck
12	716-0108		Retaining Ring 7/16" Ext.	44	717-0765		Axle L.H. Ass'y.—Kit
13	717-0768		Drive Shaft	45	717-0677		Brake Disc
14	741-0336		Flange Brg. 5/8" I.D. x ¾" Lg.*	46	741-0337		Flange Bearing 5/8" I.D. x 15/16" Lg.
15	**		Fl-Wash. (See Below)	47	714-0161		Woodruff Key 3/16 x 5/8 HT
16	717-0757		Bevel Gear 42T	48	717-0754		Shift Fork Ass'y.
17	717-0667		Clutch Collar	49	741-0862		Ball Detent .250" Dia.
18	717-1020		Miter Gear 15T (H.D.)	50	732-0863		Spring Detent
19	716-0142		Snap Ring	51	714-0169		#9 Hi-Pro Key 3/16" x ¾" Dia. HT
20	717-0690		Thrust Bearing ½" I.D. x 1.0" O.D.	52	741-0335		Needle Brg. 5/8" I.D. x ½" Lg.
21	710-0862		Pan Head Scr. ¼-20 x .50" Lg. w/Patch	53	710-0855		Hex Bolt ¼-20 x 1.00" Lg.
22	717-0766		Axle R.H. Ass'y.—Kit	54	736-0336		Fl-Wash. 5/8" I.D. x .030
23	741-0340		Sleeve Bearing ¾" I.D. x 1.0" Lg.	54A	736-0337		Fl-Wash. 5/8" I.D. x .040
				55	741-0343		Actuating Pin 5/16" Dia.
24	721-0179		Oil Seal ¾" I.D.	56	710-0966		Hex Bolt ¼-20 x 2.50" Lg. (Grade 5)
25	741-0339		Flange Bearing ¾" I.D. x 15/16" Lg.	57	717-0767		Differential Gear 72T Ass'y. w/Bearing
26	736-0188		Fl-Wash. .760" I.D. x 1.49" O.D.	58	717-0681		Sq. Hd. Bolt 5/16-24 Thd.
27	717-0673		Cross Shaft	59	1544-013		Cotter Pin 3/32" Dia. x .50" Lg.
28	717-0777		Differential Housing Ass'y.				
29	—		Part of Ref. 28	—	737-0148		Grease—Shell (10 oz.)
33	736-0188		Fl-Wash. .760" I.D. x 1.49" O.D.				

**Ref. No. 15 736-0349 Fl-Wash. 5/8" I.D. x 1.0" O.D. x .020" Thk.
736-0336 Fl-Wash. 5/8" I.D. x 1.0" O.D. x .030" Thk.
736-0337 Fl-Wash. 5/8" I.D. x 1.0" O.D. x .040" Thk.

YARD-MAN PARTS INFORMATION

POWER EQUIPMENT PARTS AND SERVICE

Parts and service for all YARD-MAN manufactured power equipment are available through local Authorized Service Dealers. Check the yellow pages. All orders should specify the model number of your unit, part numbers, description of parts and the quantity of each part required. DO NOT SEND PARTS ORDERS TO FACTORY. Service Distributors listed below, identified by state abbreviation, may be contacted for service assistance.

BRIGGS & 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 **Engine—Gasoline,** Briggs & Stratton or Tecumseh Lauson.

NC
SC
ALLISON-ERWIN CO.
2920 N. Tryon Street
P.O. Box 32308
Charlotte, NC 28232
(704) 334-8621

S-CA
ALL SEASON EQUIPMENT
169 S. Hewes Street
Orange, CA 92669
(714) 639-7272

N-CA
NV
BLISS POWER LAWN EQUIPMENT
101 Commerce Circle
Sacramento, CA 95815
(916) 925-6936

CT
MA
RI
COBBLE MOUNTAIN SUPPLY
615 West Johnson Ave.
Cheshire, CT 06410
(203) 272-1866

ME
NH
VT
M. L. COFFIN CO.
725 Broadway
Bangor, ME 04401
(207) 942-8289

MS
AL
N-GA
DICKERSON DISTRIBUTORS, INC.
P.O. Drawer 231
127 N. W. Depot
Durant, MS 39063
(601) 653-3004

S-FL
FLORIDA TURF & GARDEN EQUIPMENT
7275 NW 64th St.
Miami, FL 33166
(305) 592-3846

UP-NY
GAMBLE DISTRIBUTING INC.
P.O. Box 389
West End Ave.
Carthage, NY 13619
(315) 493-2270

MI
IDEAL MOWER SALES
811 Woodward Heights
Ferndale, MI 48220
(313) 541-4660

C-FL
MANLEY TRACTOR SALES
5909 E. Broadway
Tampa, FL 33619
(813) 626-5900

IN
McDONOUGH & ASSOCIATES
8535 E. 30th St.
P.O. Box 1915
Indianapolis, IN 46219
(317) 898-4200

WI
MERCO CORP.
4080 N. Pt. Washington Rd.
P.O. Box 12145
Milwaukee, WI 53212
(414) 961-3200

NJ DE
NY MD
PA
WA-DC
NIEMEYER CORP.
1135 Phoenixville Pike
P.O. Box 1477
West Chester, PA 19380
(215) 431-7200

MN
IA
ND
SD
NORTHSTAR OUTDOOR EQUIPMENT CORP.
Hwy. 25 & 18, P.O. Box 764
Brainerd, MN 56401
(218) 829-4271

MO
E-KS
OZARK EQUIPMENT CO.
Hwy. 63 & Black Street
Rolla, MO 65401
(314) 364-2180

IL
PLANTE'S LAWN & GARDEN
4 Grant St.
N. Aurora, IL 60542
(312) 892-2220

N-FL
S-GA
S-AL
POWER EQUIP. DIST. INC.
565 S. Edgewood Ave.
Jacksonville, FL 32205
(904) 387-1512

UT MT
WY S-ID
POWERED PRODUCTS
1661 N. Beck St.
Salt Lake City, UT 84116
(801) 359-9767

OH
RAHRIG SALES INC.
108-110 W. Lima St.
Forest, OH 45843
(419) 273-2556

KY
TN
RASCHE CYCLE CO.
713 Kentucky Ave.
Paducah, KY 42001
(502) 443-8142

C-FL
SPAULDINGS INC
P.O. Box 10009
1921 5th Ave S.
St. Petersburg, FL 33712
(813) 896-2611

AR
LA
OK
TX
TIMBERLAND SAW CO.
Hwy. 31 South
P.O. Box 1227
Marshall, TX 75671
(214) 935-5251

CANADA
MTD PRODUCTS CANADA
97 Kent Ave.
Kitchener, Ontario
Canada, N2G 4J1
(519) 579-5500

EXPORT
DRAKE AMERICA CORP.
#2 Gannett Drive
White Plains, NY 10604
(914) 697-9800

WARRANTY PARTS AND SERVICE POLICY (1088)

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 customer'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, Serial Number and/or Data Code** of unit involved.
2. **Date** unit was purchased or first put into service.
3. **Date** of failure—Date Repaired.
4. **Nature** of failure—Correction.