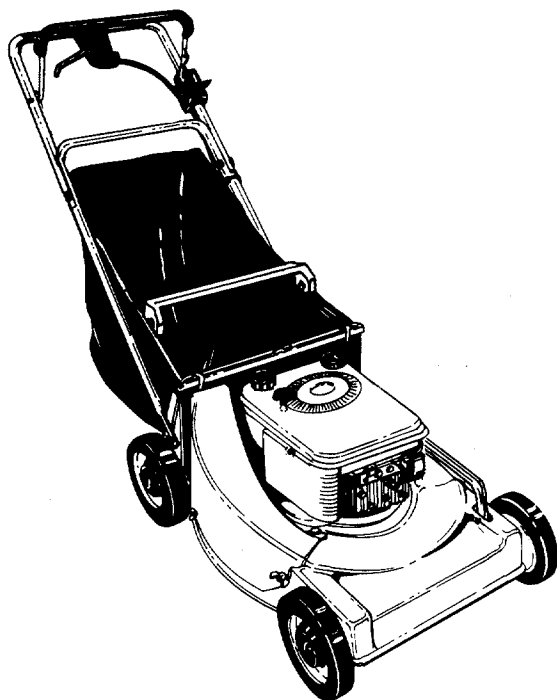


\$1.00

OWNER'S GUIDE

Thank you for purchasing an American-built product.

21" CONVERTIBLE ROTARY MOWER



Model Number
129-836B401
190-081-000

IMPORTANT:
Read Safety Rules and Instructions Carefully

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Dear Customer,

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

However, we at MTD Products Inc are taking a quick moment out to say...

"Thank you for your business."

Sincerely,

MTD PRODUCTS INC



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

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, 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, MTD 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.

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.

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.

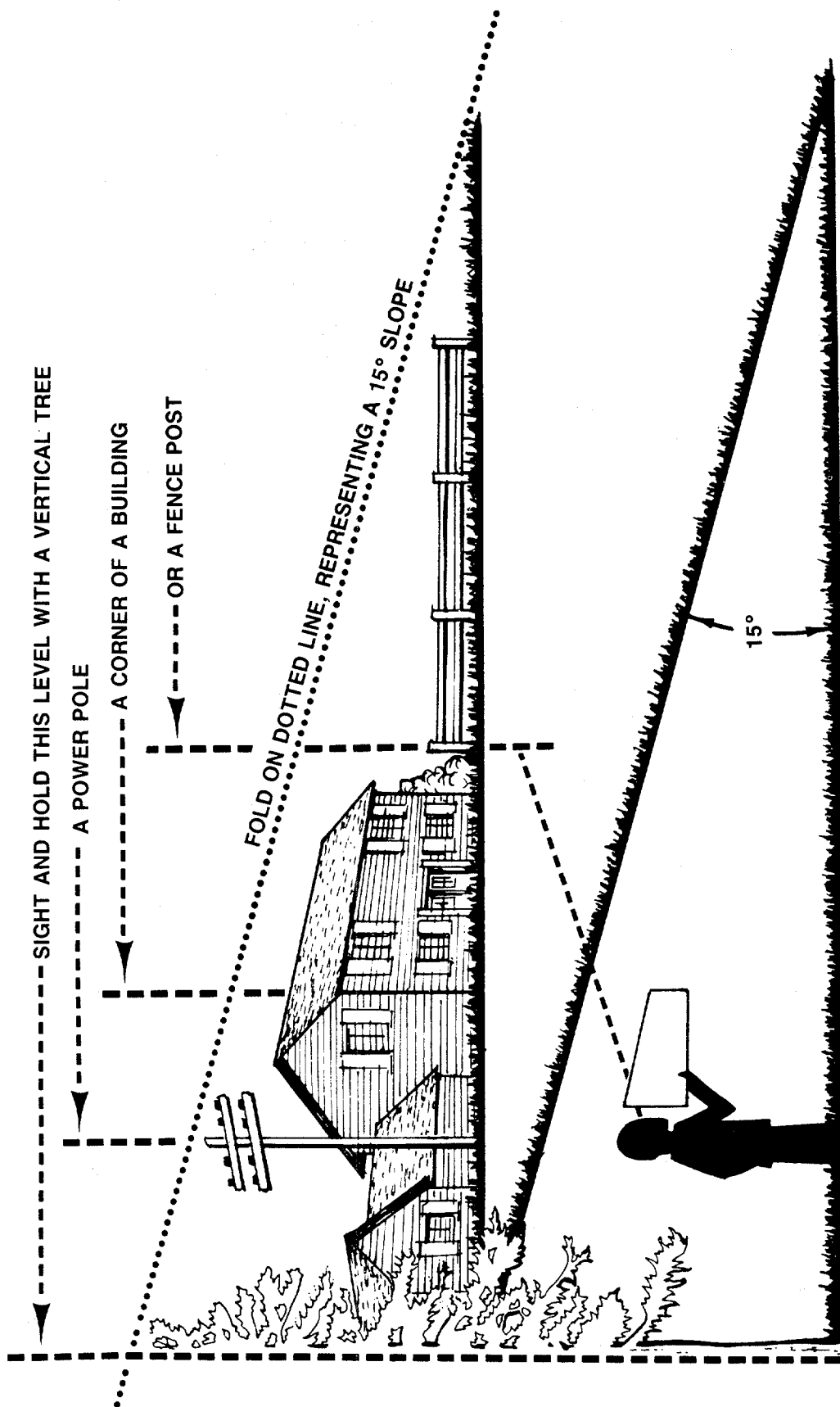
In the State of California the above is required by law (Section 4442 of the California Public Resources Code). Other states may have similar laws. Federal laws apply on federal lands. A spark arrester for the muffler is available through your nearest engine authorized service dealer.

Cut Along This Line

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

SLOPE GAUGE

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



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.

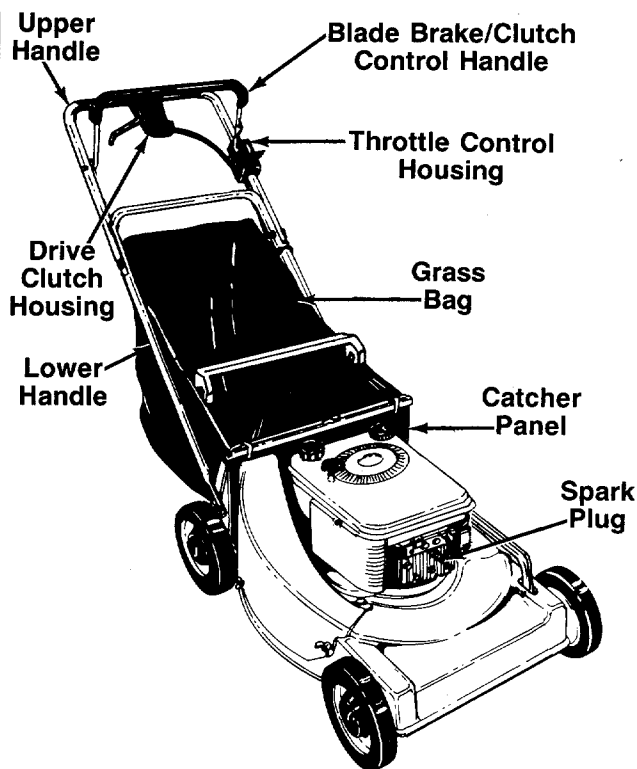
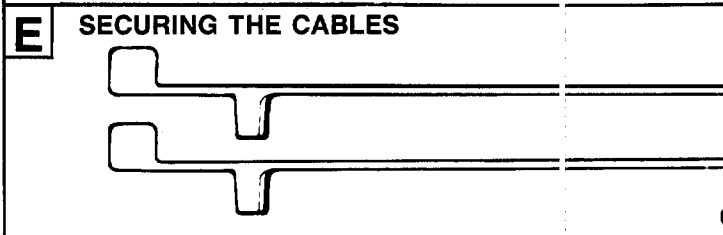
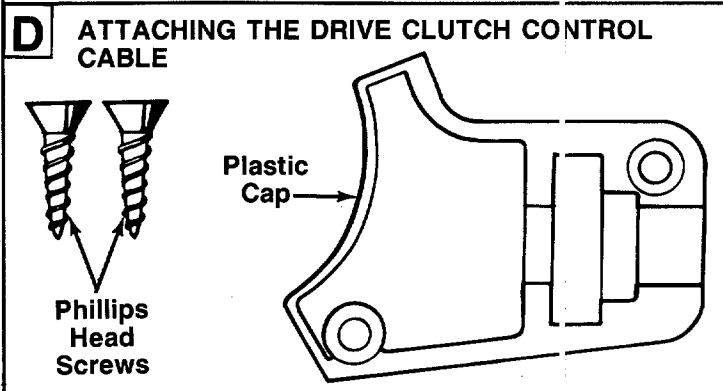
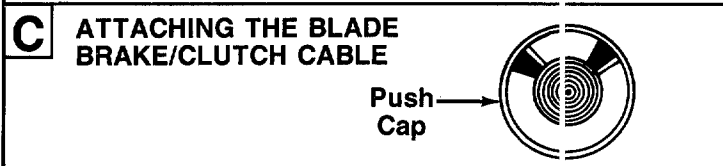
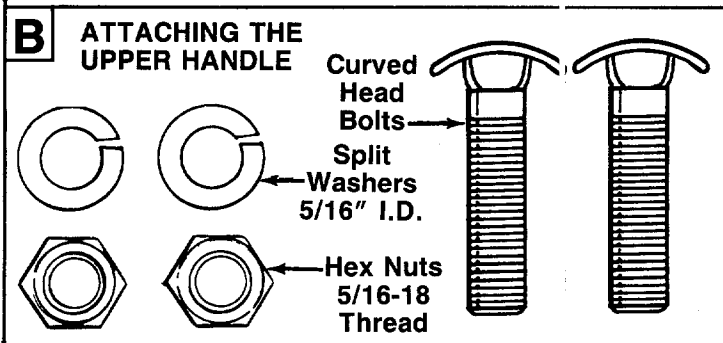
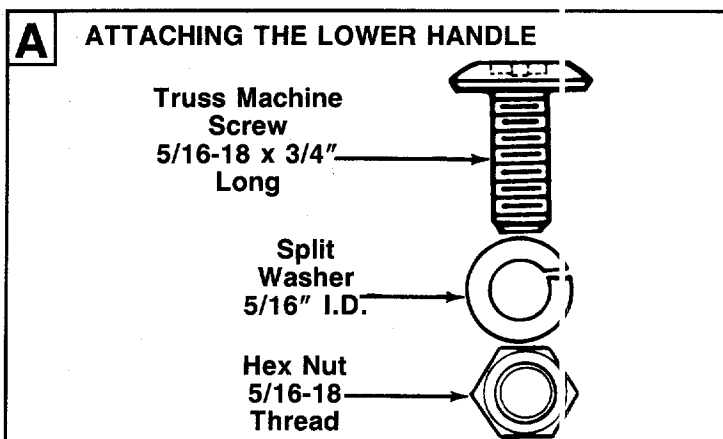
Operate RIDING mowers up and down slopes, never across the face of slopes.

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

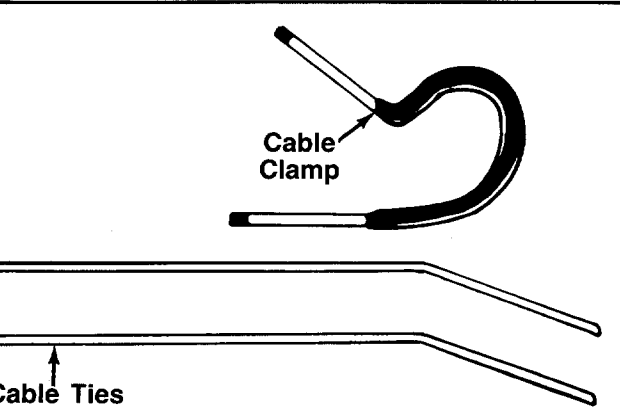
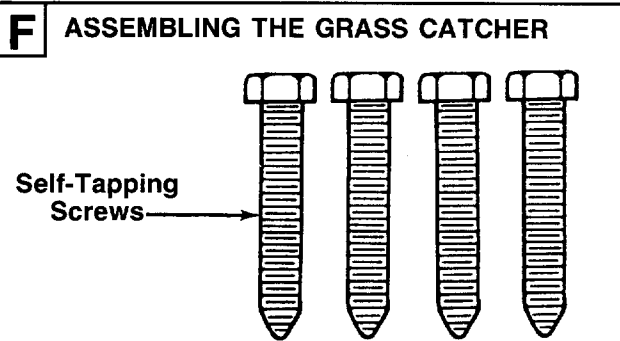
CONTENTS OF HARDWARE PACK/PARTS IDENTIFICATION

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.)




PARTS IDENTIFICATION



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 LAWN MOWER. FAILURE TO COMPLY WITH THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY. WHEN YOU SEE THIS SYMBOL—  **HEED ITS WARNING.**



DANGER

Your lawn mower 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.



TRAINING

1. Read this owner's manual carefully in its entirety before attempting to assemble or operate this machine. Be completely familiar with the controls and the proper use of this machine before operating it. Keep this manual in a safe place for future and regular reference and for ordering replacement parts.
2. Your rotary mower is a precision piece of power equipment, not a plaything. Therefore, exercise extreme caution at all times.
3. Never allow children to operate a power mower. Only persons well acquainted with these rules of safe operation should be allowed to use your mower.
4. 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 to help prevent blade contact or thrown object injury. Although the area of operation should be completely cleared of foreign objects, an object may have been overlooked and could be accidentally thrown by the mower in any direction and cause serious personal injury to the operator or any others allowed in the area.



PREPARATION

1. Thoroughly inspect the area where the equipment is to be used. Remove all stones, sticks, wire, bones and other foreign objects which could be picked up and thrown by the mower in any direction and cause serious personal injury to the operator or any others allowed in the area.
2. Always wear safety glasses or eye shields during operation or while performing an adjustment or repair, to protect eyes from foreign objects that may be thrown from the machine in any direction.
3. 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.
4. Check the fuel before starting the engine. Gasoline is an extremely flammable fuel. Do not fill the gasoline tank indoors, while the engine is running, or until engine has been allowed to cool for two minutes after running. Replace gasoline cap securely and wipe off any spilled gasoline before starting the engine as it may cause a fire or explosion.
5. Disengage the self-propelled mechanism or drive clutch on units so equipped before starting the engine.
6. The blade control handle is a safety device. Never attempt to bypass its operation. Doing so makes the safety device inoperative and may result in personal injury through contact with the rotating blade. The blade control handle must operate easily in both directions.
7. Never attempt to make a wheel or cutting height adjustment while the engine is running.
8. Never operate the equipment in wet grass. Always be sure of your footing. A slip and fall can cause serious personal injury. Keep a firm hold on the handle and walk, never run. Mow only in daylight or in good artificial light.

9. 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.



OPERATION

1. Do not change the engine governor settings or overspeed the engine. Excessive engine speeds are dangerous.
2. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times as the rotating blade can cause injury.
3. Stop the blade when crossing gravel drives, walks or roads.
4. After striking a foreign object, stop the engine, remove the wire from the spark plug, and thoroughly inspect the mower for any damage. Repair the damage before restarting and operating the mower.
5. If the equipment should start to vibrate abnormally, stop the engine and check immediately for the cause. Vibration is generally a warning of trouble.
6. Shut the engine off and wait until the blade comes to a complete stop before removing the grass catcher or unclogging the chute. The cutting blade continues to rotate for a few seconds after the engine is shut off. Never place any part of the body in the blade area until you are sure the blade has stopped rotating.
7. Before cleaning, repairing or inspecting, make certain the blade and all moving parts have stopped. Disconnect the spark plug wire, and keep the wire away from the spark plug to prevent accidental starting.
8. Do not run the engine indoors.
9. Mow across the face of slopes, never up-and-down. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes. Always be sure of your footing. A slip and fall can cause serious personal injury.
10. Never operate mower with proper guards, plates or other safety protective devices in place.
11. Do not operate this mower unless the complete grass catcher or side chute deflector is properly mounted on the mower.



MAINTENANCE AND STORAGE

1. Check the blade and engine mounting bolts at frequent intervals for proper tightness.
2. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
3. Never store the equipment with gasoline in the tank inside of a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure.
4. To reduce fire hazard, keep the engine free of grass, leaves, or excessive grease.
5. Check the grass catcher bag frequently for wear or deterioration. For safety protection, replace only with new bag meeting original equipment specifications.

Rules for Safe Operation (Continued)

BLADE BRAKE/CLUTCH MAINTENANCE

NOTE: Any required repair work on the blade brake/clutch should be performed by an authorized service dealer. If you cannot locate an authorized service dealer, contact the manufacturer.

1. The blade brake/clutch hand control is a safety device. Never attempt to bypass its operation. Doing so makes the safety device inoperative and may result in personal injury through contact with the rotating blade. This hand control must operate freely in both directions.
2. Striking a solid object can cause damage to the blade brake/clutch or to the engine crankshaft. Extensive vibration of the mower during operation is an indication of damage and the unit should be promptly inspected and repaired.

3. A leak in the lower engine crankshaft oil seal could expose the blade brake/clutch friction pads to excess oil resulting in blade or brake slippage, which could increase the stopping time of the blade. Oil collection on the floor beneath the mower during storage may be an indication of an oil seal leak. The unit should be checked by an authorized service dealer.
4. Periodically inspect the inner control cable in the area where it attaches to the hand control. If the cable becomes frayed, it could cause the blade brake/clutch to operate improperly. Also, be careful to avoid pinching the blade brake/clutch control cable when storing the handle.

IMPORTANT: This unit is shipped WITHOUT GASOLINE or OIL. 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 mower is observed from the operating position. Refer to parts identification on page 4 for location of parts when assembling the mower.

ASSEMBLY INSTRUCTIONS

Tools Required for Assembly

- (1) Phillips Head Screwdriver
- (1) 1/2" Wrench
- (1) 5/16" Wrench or Nutdriver*
- *Or one 6" Adjustable Wrench.

UNPACKING

1. Remove the lawn mower from the carton by opening the top flaps and lifting the unit out. Be careful of the staples. Make certain all parts and literature have been removed from the carton before the carton is discarded.
2. Disconnect and ground the spark plug wire against the engine. Check beneath the deck for any cardboard packaging. Remove if present.
3. Stretch out all control cables and place on the floor. Be careful not to bend or kink the cables at any time during assembly.
4. Remove page four from this manual and lay the contents of the hardware pack on the illustration for identification.

ATTACHING THE LOWER HANDLE (Hardware A)

1. For shipping purposes your mower is set with the wheels in the lowest cutting height position. Raise the mower to the highest setting for assembly of lower handle.
2. On the left side of the mower, remove the truss machine screw, hex nut and split washer from the handle wheel bracket assembly as shown in figure 1.
3. Attach the lower handle by placing the bottom holes in the lower handle over the weld pins on the handle wheel bracket assemblies. Make certain the instruction label on the lower handle can be read from the operating position.
4. Pivot catcher panel support arm in position as shown in figure 1. Insert truss machine screw through catcher panel support arm, wheel bracket assembly and handle. Secure using the split washer and hex nut removed in step 2. Tighten securely.
5. Secure the right side of the handle to handle wheel bracket assembly using truss machine screw, 5/16" split washer and hex nut. Tighten securely.

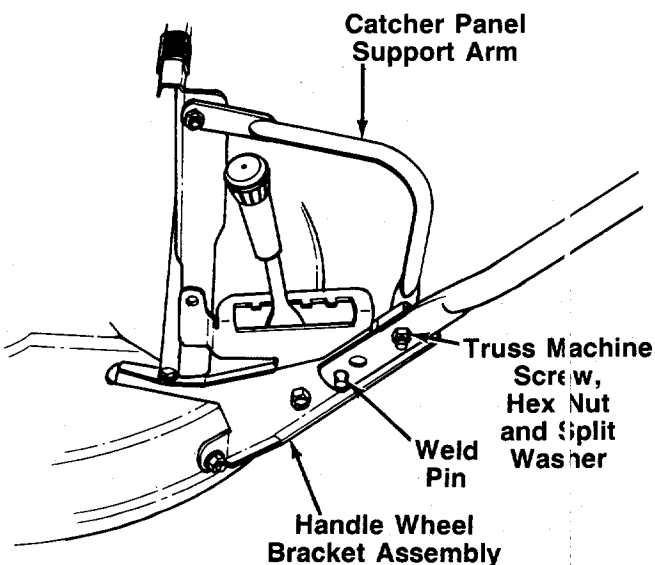


FIGURE 1.

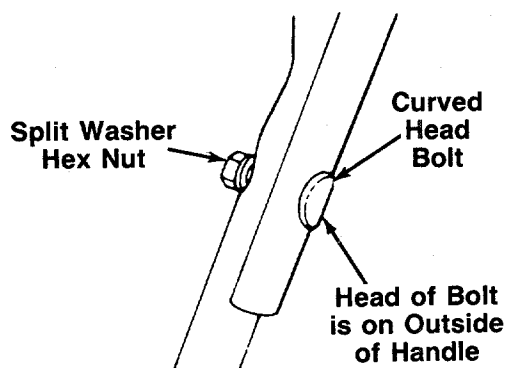


FIGURE 2.

ATTACHING THE UPPER HANDLE (Hardware B)

Place the upper handle in position over the lower handle. The label on the throttle control housing and the control lever must be facing up. Secure the upper and lower handles using the curved head bolts, split washers and hex nuts. See figure 2.

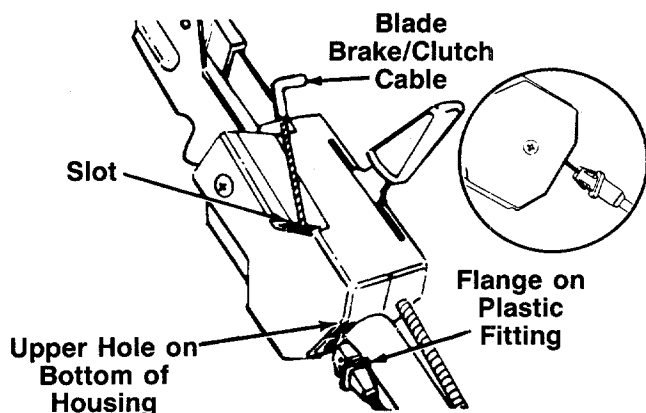


FIGURE 3.

ATTACHING THE BLADE BRAKE/CLUTCH CABLE (Hardware C)

The blade brake/clutch cable is the cable which has an "L" fitting on the loose end, and is attached to the blade brake/clutch underneath the deck.

1. Route the blade brake/clutch cable to the outside of the height adjustment lever and handle wheel bracket assembly, and under the lower handle.
2. Place end of cable into the upper hole on the bottom of the control housing, and through the slot as shown. The angle of the plastic flange must be positioned downward as shown in figure 3. Be careful not to bend or kink the cable at any time.
3. Push the plastic fitting until it locks into the control housing.



The cable must be assembled as shown for proper blade brake operation.

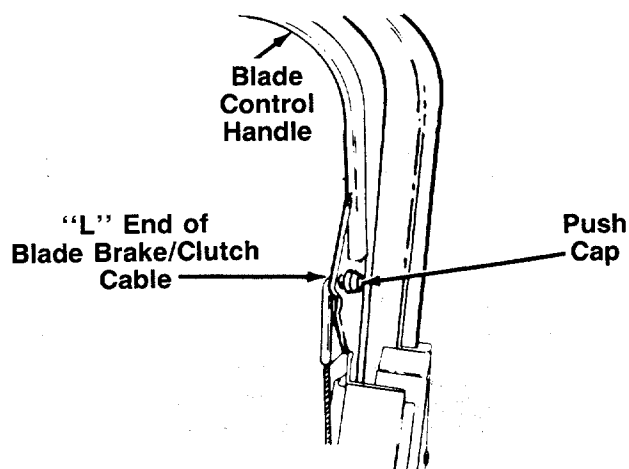


FIGURE 4.

4. Insert the "L" end of the blade brake/clutch cable into the hole in the blade brake/clutch control handle, from the inside to the outside as shown in figure 4. Hold the end of the cable, and press push cap on by hand.

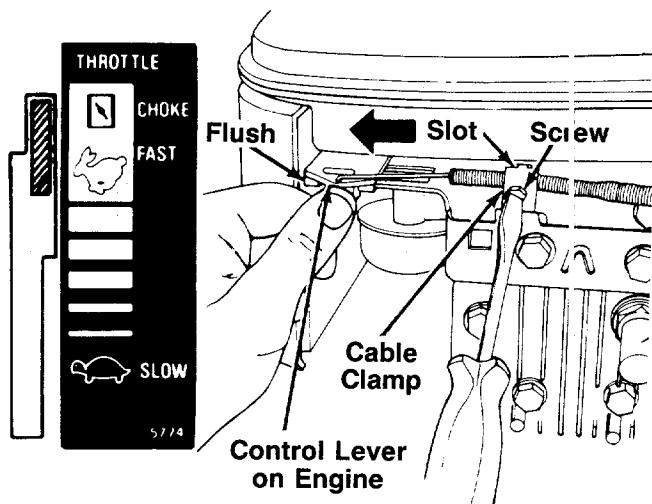


FIGURE 5.

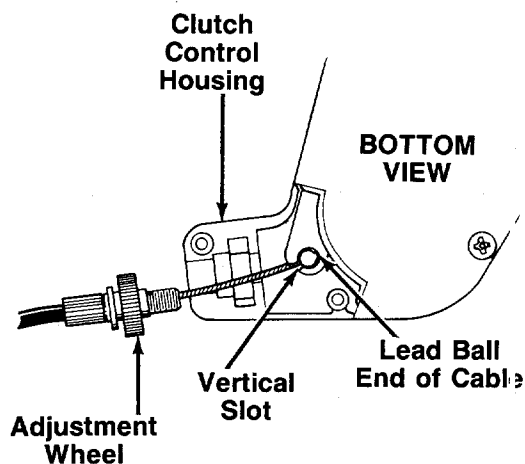


FIGURE 6.

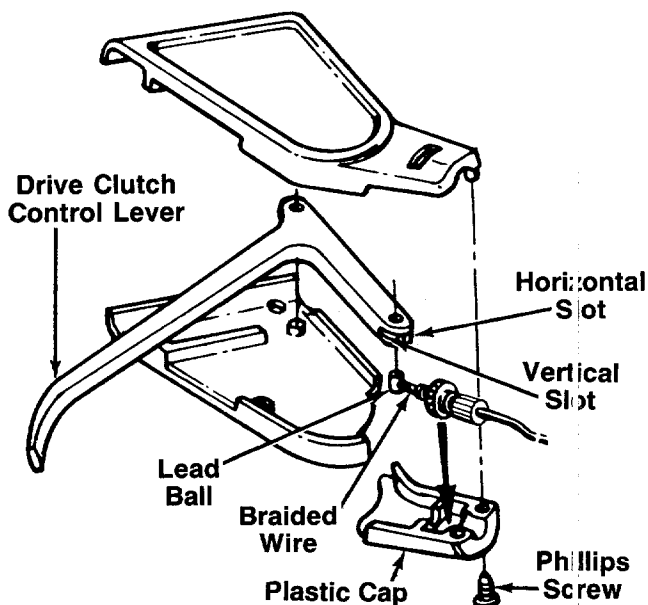


FIGURE 7.

ATTACHING THE THROTTLE CABLE

1. Push the throttle control lever on the handle all the way forward to **CHOKE** position. See figure 5.
2. The throttle control cable is attached to the upper handle. Route the throttle control cable under the lower handle and outside the height adjustment lever, handle wheel bracket assembly and the grass catcher bracket. Hook the "Z" end of the throttle control cable into the hole in the control lever on the engine. See figure 5.
3. Using a 5/16" wrench or nutdriver, remove the screw on the cable clamp shown in figure 5. Slip the control cable under the clamp. Replace the screw (cable should be above the screw), but do not tighten screw (cable must still move freely beneath the clamp). Make certain the tab on the cable clamp is seated into the slot on the engine.
4. Push the control lever on the engine as far toward the **outside** of the engine as it will go. The edge of the control lever should be flush with the bracket on the engine. See figure 5. Hold the control lever in this position as you tighten the screw on the cable clamp to secure the throttle cable.
5. Loosen the screw on the clamp on the side of the engine. Slip the cable casing under the clamp to secure the cable **away from the muffler**. Be careful not to bend or kink the cable. Tighten the screw.

ATTACHING THE DRIVE CLUTCH CONTROL CABLE (Hardware D)

The drive clutch control cable is attached to the deck. Route the cable under the lower handle. Attach the cable to the lever in the clutch control housing, located in the middle of the upper handle, as follows.

1. Place the lead ball end of the cable into the fitting provided in the end of the clutch control lever. Slip the braided wire into the vertical slot as shown in figure 6.
2. Slide the braided wire around in the horizontal slot. See figure 7.
3. Make certain the adjustment wheel is threaded onto the cable as far as possible as shown in figure 6. Place the adjustment wheel into the clutch control housing.
4. Secure the plastic cap to the clutch control housing using the two Phillips head screws. See figure 7.



WARNING

Drive clutch adjustment must be checked before the unit is operated, as described in the Operation Section.

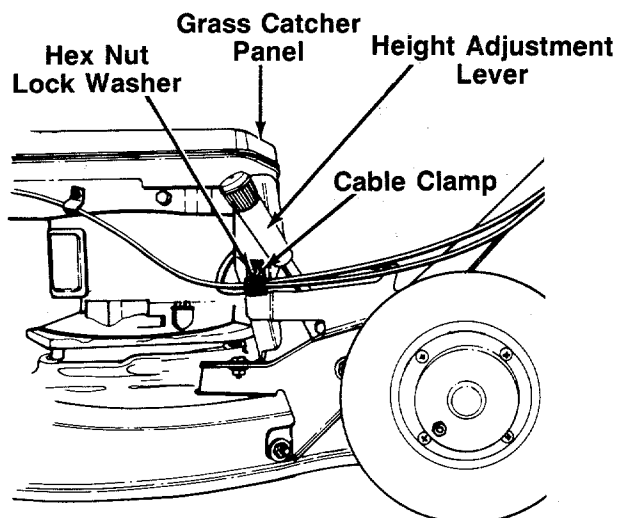


FIGURE 8.

SECURING THE CABLES (Hardware E)

Attach the brake and throttle control cables to the grass catcher panel as follows, using the cable clamp provided.

1. Open the clamp and slip the cables inside.
2. Remove the top hex nut and lock washer on the side of the grass catcher panel. Attach the cable clamp as shown in figure 8. Secure with lock washer and hex nut.
3. Place the height adjustment lever in the lowest position.

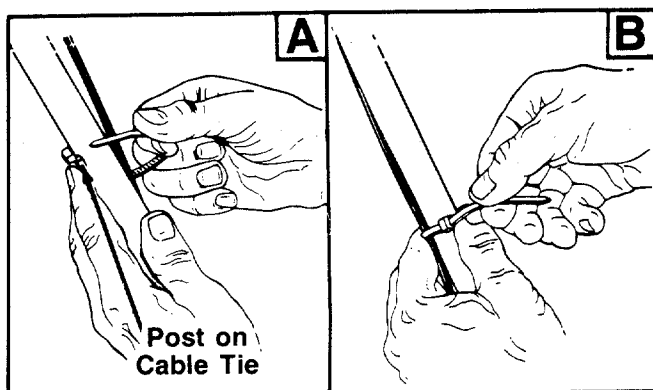


FIGURE 9.

Secure **all** control cables to the left side of the handle as follows, taking the slack out of the cables so they do not contact the wheel.

1. Insert posts on cable ties into holes provided on the lower handle, one near the top and one near the bottom of lower handle. The holes may be on either the inside or outside of the handle. See figure 9A.
2. Secure the cables to the handles with the cable ties. See figure 9B.
3. Trim excess ends of cable ties.

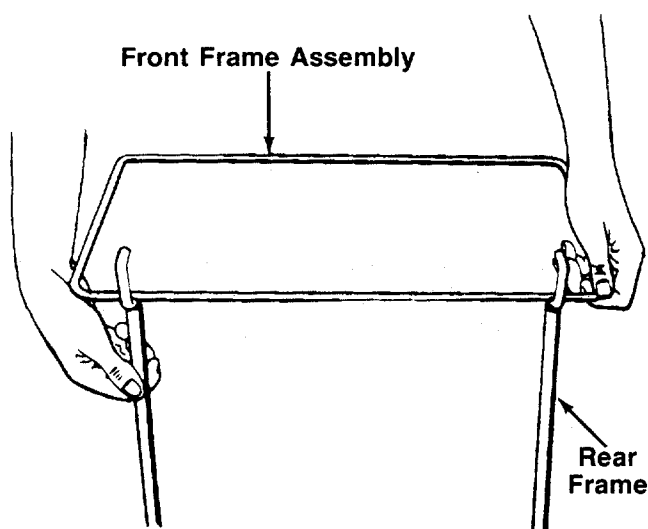


FIGURE 10.

ASSEMBLING THE GRASS CATCHER (Hardware F)

1. Join the rear frame and front frame assembly as shown in figure 10.

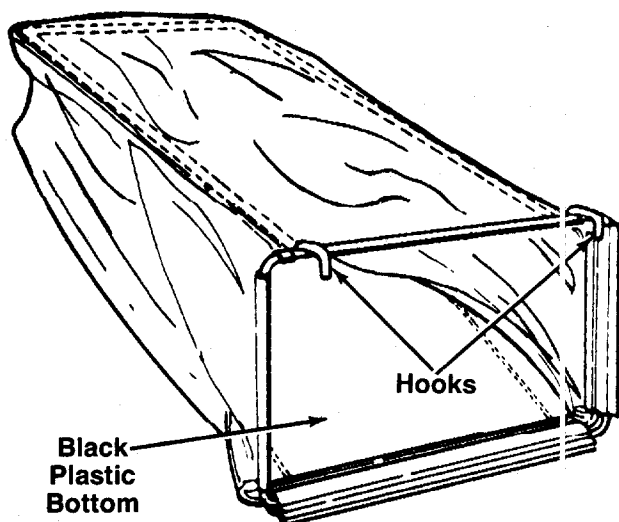


FIGURE 11.

NOTE

Make certain the grass bag is turned right side out before assembling (warning label will be on the outside).

2. Place the frame inside the grass catcher bag. The bottom of the grass bag is black plastic. The hooks on the front frame go toward the top of the bag. See figure 11.

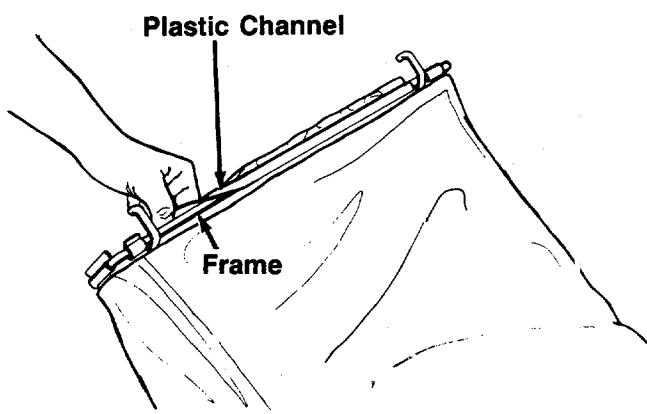


FIGURE 12.

3. Secure front of bag to frame by working the plastic channels on bag over frame. See figure 12.

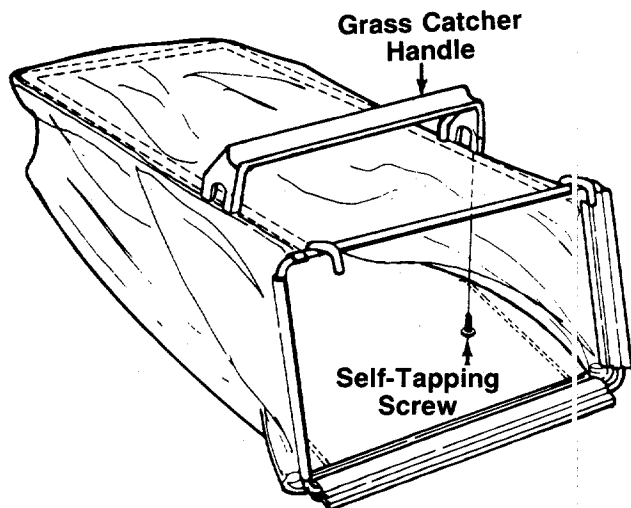


FIGURE 13.

4. Place the grass catcher handle in position on top of the grass bag and frame as shown in figure 13. Secure with four self-tapping screws.

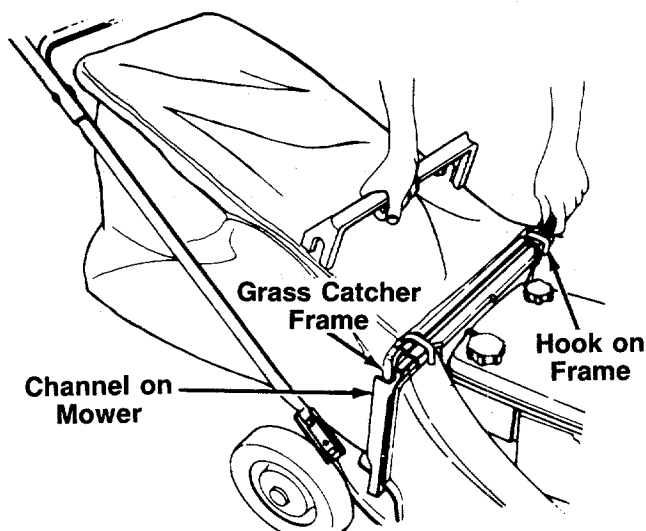


FIGURE 14.

TO ATTACH BAG TO MOWER



WARNING

DO NOT operate the mower with the chute door open unless the complete grass catcher is properly mounted on the mower.

1. Hold the chute door on the catcher panel open as shown in figure 14.
2. Slide the frame of the grass catcher down into the channels on each side of the mower. The hooks on the frame go over the panel on the discharge chute. See figure 14.

To remove the grass catcher, lift the grass catcher straight up.

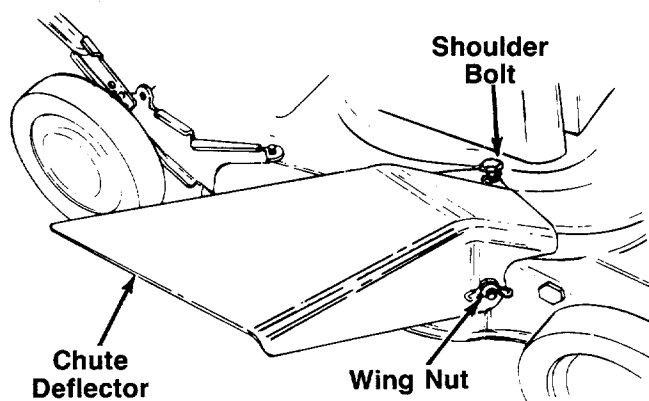


FIGURE 15.

TO CONVERT MOWER TO SIDE DISCHARGE

To convert your mower to a side discharge unit, proceed as follows.

1. Remove the rear discharge chute assembly by removing two wing nuts. Lift up on the two bottom corners of the discharge chute assembly, and slide it off the deck.
2. Attach the side chute deflector by first placing it over the rear bolt in the side of the deck. Then slide the notch in the top of the deflector around the shoulder bolt on top of the deck. Slide the notch in the side of the deflector around the front bolt in the side of the deck. See figure 15.

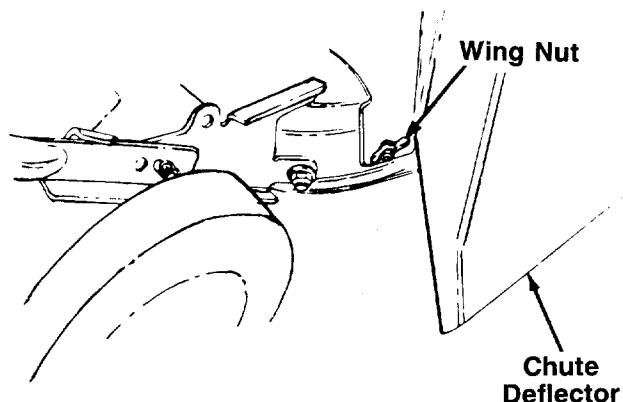


FIGURE 16.

3. Secure the front of the chute deflector to the bolt on the side of the deck with one wing nut. See figure 15. Secure the back of the chute deflector in the same manner. See figure 16.



WARNING

Never operate the mower without either the side chute deflector or entire rear discharge chute assembly and grass catcher in place.

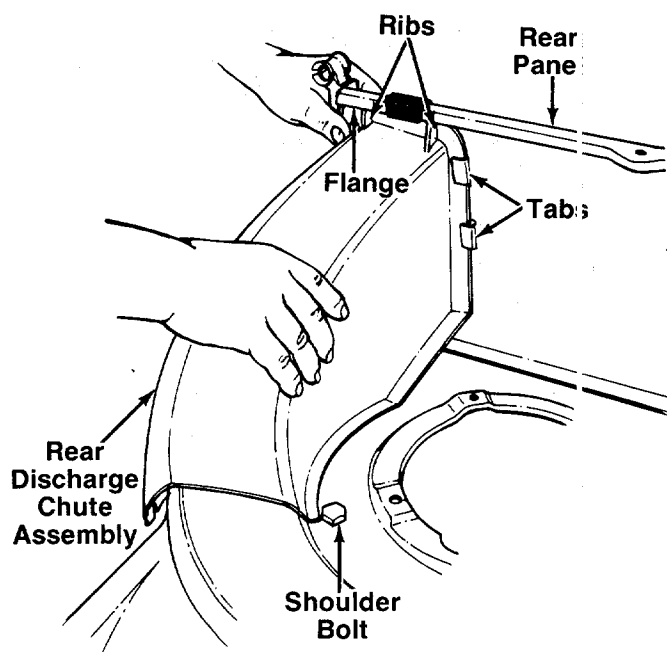


FIGURE 17.

To replace the rear discharge chute assembly, proceed as follows.

Slide the ribs on the discharge chute assembly under the flange on rear panel as you insert the side of the discharge chute under the two tabs. See figure 17.

The edge of the discharge chute assembly goes under the shoulder bolt on deck. Push down on the chute assembly and slide the bottom corner slots over the bolts on side of deck.

Press down on the discharge chute assembly and secure with wing nuts. Make certain wing nuts are seated properly.

FINAL ASSEMBLY OF MOWER

Make certain all nuts and bolts are tightened securely.

CONTROLS

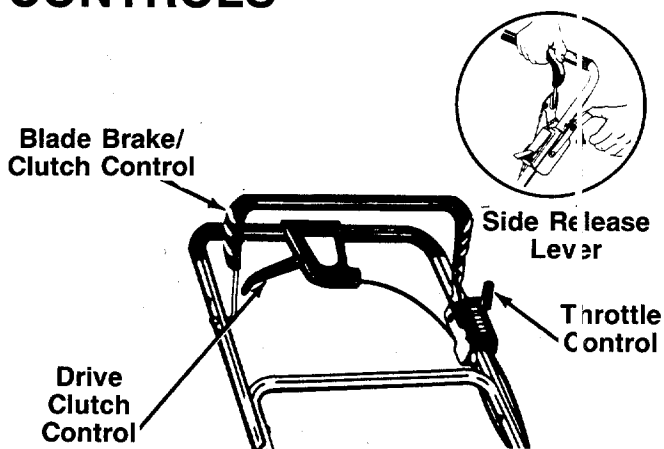


FIGURE 18.

BLADE BRAKE/CLUTCH CONTROL

WARNING

THIS CONTROL MECHANISM IS A SAFETY DEVICE NEVER ATTEMPT TO BYPASS ITS OPERATIONS

The blade brake/clutch control is located on the upper handle of the mower. The blade brake/clutch handle engages and disengages the blade.

To engage the blade, pull the side release lever away from the unit. See figure 18. Pull the blade brake/clutch control handle against the upper handle. Release side lever.

Release the blade brake/clutch control handle to stop the blade from turning.

THROTTLE CONTROL

The throttle control is located on the left side of the upper handle. It is used to regulate the engine speed.

DRIVE CLUTCH CONTROL

Squeezing the drive clutch control engages the drive mechanism to the rear wheels. Releasing the clutch control stops the rear wheels from driving. Release the drive clutch control to slow down when negotiating an obstacle, making a turn or stopping. See figure 18.

OPERATION



FIGURE 19.

Keep hands and feet away from the chute area on cutting deck. See figure 19.

NOTE

For shipping purposes your mower is set with the wheels in a low cutting height position. For best results raise the cutting position until it is determined which height is best for your lawn. See cutting height adjustment section.

GAS AND OIL FILL-UP

Service the engine with gasoline and oil as instructed in the separate engine manual packed with your mower. Read instructions carefully.

NOTE

Your unit has been shipped without oil; however, a small amount of oil may be present from the factory. Do not overfill.



Never fill fuel tank indoors, with engine running or until the engine has been allowed to cool for at least two minutes after running.

BEFORE STARTING

1. Before each use, check for proper drive clutch operation by performing the following before starting the engine:

With the drive clutch control released, push mower forward. It should move freely. **Pull mower backward. It should move freely.**

If it does not and the rear wheels tend to lock up, the clutch may not be releasing completely. Do not start the engine until corrections have been made. Check the control cable for severe bend, kinks and binding, or grass build-up in the pulley groove. Correct and adjust as required. Refer to Adjustment Section for additional information.

2. Attach spark plug wire to spark plug. Make certain the metal loop on the end of the spark plug wire (inside the rubber boot) is fastened securely over the metal tip on the spark plug. See figure 20.

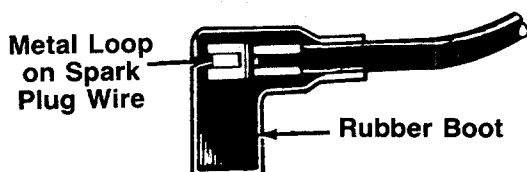


FIGURE 20.

3. The fuel shut-off valve is located beneath the fuel tank. The fuel shut-off valve should be in the open position. See figure 21. Open fuel shut-off valve if it is closed.

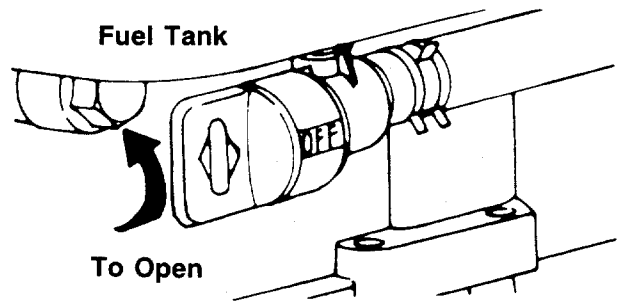


FIGURE 21.

TO START ENGINE



When starting the unit for the first time, face the mower against a solid object such as a wall, fence, etc. Start the unit, and if it shows any signs of motion with the drive clutch control disengaged, shut the engine off immediately. Make certain the drive clutch control is adjusted so the drive belt is as loose as possible. Refer to the Adjustment Section.

1. Move the throttle control lever to CHOKE position.

NOTE

A warm engine may not require choking.

2. With the blade brake/clutch handle **released**, crank engine by pulling recoil starter with a quick firm pull. Do not pull out so far that rope stops with a jerk as this will cause rope failure. Do not allow rope and handle to snap back into place.
3. After engine starts, move throttle control to desired engine speed. Move the throttle control lever at least halfway back, then forward to obtain FAST position.

TO STOP ENGINE

1. Move throttle control lever to STOP position.
2. Disconnect spark plug wire from spark plug and ground against the engine to prevent accidental starting while equipment is unattended.

NOTE

If any problems are encountered, refer to the Trouble Shooting Guide on page 19.



WARNING

Never operate your unit without either the side chute deflector or entire rear discharge chute and grass catcher assembly in place.

TO ENGAGE THE BLADE

1. Start engine as instructed previously. Allow the engine to warm up for **one minute** before attempting to engage the blade.
2. To engage the blade, pull the side release lever away from the unit. Pull the blade brake/clutch control handle down against the upper handle. Release the side lever. See figure 18.



NOTE

If a warm engine falters or stalls when attempting to engage the blade, refer to Carburetor Adjustment Section of this owner's manual.

3. Release the blade brake/clutch control handle to stop the blade from turning.



NOTE

Always release the blade brake/clutch control handle before stopping the engine. If the engine begins to stall, release the blade brake/clutch control handle immediately.

Should the engine stall with the blade brake/clutch control in the operating position (control handle **not** released), difficulty may be encountered in pulling the starter rope to restart the engine. Proceed as follows.

1. Disconnect the spark plug wire from the spark plug.
2. Move the throttle lever to STOP position.
3. Hold the blade brake/clutch control in the engaged position.
4. While holding the blade brake/clutch control handle in this position, pull the starter rope.
5. As the starter rope is being pulled, release the blade brake/clutch control handle.

The starter rope should now operate correctly. Reconnect the spark plug wire for normal operation.

USING YOUR ROTARY MOWER



WARNING

DO NOT operate the mower with the chute door open unless the complete grass catcher is properly mounted on the mower.

Be sure that lawn is clear of stones, sticks, wire, or other objects which could damage lawn mower or engine. Such objects could be accidentally thrown by the mower in any direction and cause serious personal injury to the operator and others.

For the best results, do not cut wet grass because it tends to stick to the underside of the mower, preventing proper discharge of grass clippings, and could cause you to slip and fall. New grass, thick grass or wet grass may require a narrower cut. Blade speed should be adjusted to the condition of the lawn.

When using the side discharge mower, the best mowing pattern is one that allows the clippings to discharge towards the uncut part of the lawn. This permits recutting of the clippings to further pulverize them. When cutting high weeds, discharge towards cut portion, then recut at right angles to first direction.

For best results, cut off one-third or less of the total length of the grass. Lawn should be cut in the fall as long as there is growth.

This mower is designed to be operated at full throttle to give you the best cut and do the most effective job of bagging the cut grass.



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.

Striking a solid object can cause damage to the blade brake/clutch or to the engine crankshaft. Extensive vibration of the mower during operation is an indication of damage. The unit should be promptly inspected and repaired.

ADJUSTMENTS



WARNING

Do not at any time make any adjustment to lawn mower without first stopping engine and disconnecting spark plug wire.

DRIVE CLUTCH CONTROL ADJUSTMENT

Use the adjustment wheel located in the clutch control housing to tighten the drive belt if mower does not self-propel with the drive clutch control engaged, or if drive belt is slipping (unit hesitates while engine maintains the same speed). See figure 22.

In addition, the adjustment wheel may also be used to determine the position in which the drive clutch control is engaged. If it is more comfortable to have the drive engaged with the lever further away from the handle, tighten the drive belt.

Make certain to retest the unit for neutral as instructed in the Operation Section. Move the adjustment wheel in the opposite direction to loosen the drive belt if necessary.

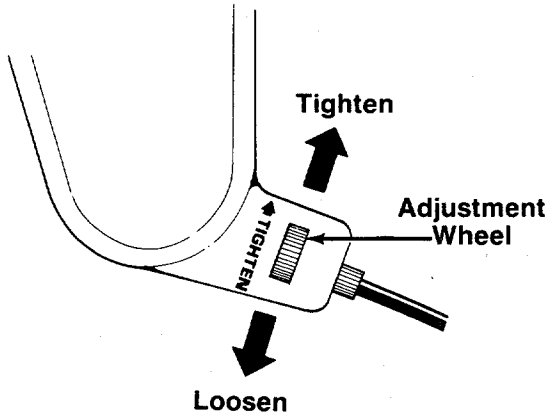


FIGURE 22.

CUTTING HEIGHT ADJUSTMENT

The height adjustment handle is located on the left side of the deck. The handle may be placed in one of nine cutting height positions. Push the handle to the left and then either forward to lower the cutting height or backward to raise the cutting height. See figure 23.

For rough or uneven lawns, move the height adjustment handle to a position which will give a higher cutting height.

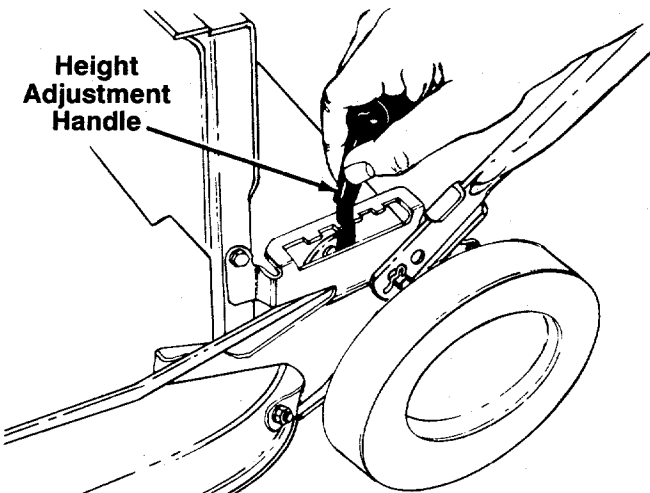


FIGURE 23.

THROTTLE

The throttle control wire assembly can be adjusted if necessary. Loosen the screw on the cable clamp shown in figure 5. Adjust as instructed in steps 1 and 4 of "Attaching the Throttle Control Cable" in Assembly Instructions.

CARBURETOR ADJUSTMENTS



WARNING

If any adjustments are made to the engine while the engine is running (e.g. carburetor), 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. Refer to the separate engine manual packed with your mower for carburetor adjustment information.

NOTE

If a warm engine falters or stalls when attempting to engage the blade, the carburetor mixture should be adjusted 1/8 turn richer (counterclockwise). See figure 24.

The carburetor should be adjusted with the air cleaner in place and the blade control handle in the disengaged position.

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.

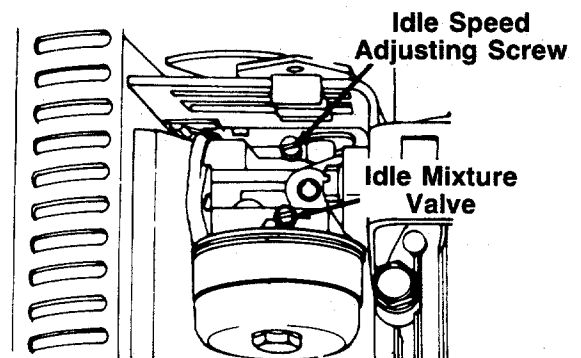


FIGURE 24.

LUBRICATION



WARNING

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

Blade Brake/Clutch—Lubricate the pivot points on the blade brake/control handle and the brake cable at least once a season with light oil. The control must operate freely in both directions.

Discharge Chute Door Mechanism—The torsion spring and pivot point should be lubricated periodically with light oil to prevent any rust or binding. Door must work freely.

Wheels—Lubricate the wheel bearings at least once a season with light oil. Also, if the wheels are removed for any reason, lubricate the surface of the axle bolt and the inner surface of the wheel with light oil. A 4 oz. plastic bottle of light oil lubricant is available. Order part number 737-0170. Engine oil may also be used.

Engine—Follow engine manual for lubrication instructions.

Throttle—Periodically lubricate throttle control lever and throttle wire assembly with a few drops of light oil for ease of operation.

Transmission—The transmission is pre-lubricated and sealed at the factory. It does not require checking. If disassembled for any reason, fill with 2 ounces of Alvania grease, part number 737-0168.

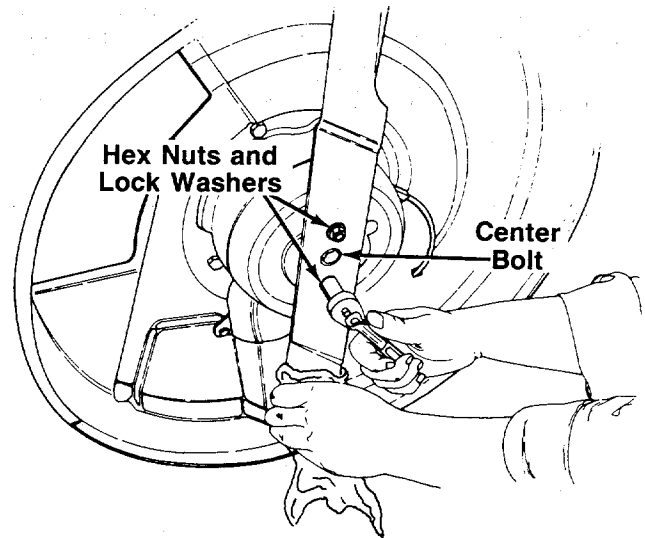


FIGURE 25.

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.

When replacing the blade, be sure to install the blade with the side of the blade marked "Bottom" (or with part number) facing the ground when the mower is in the operating position.

Blade Mounting Torque

Make certain that the center bolt which secures the blade brake/clutch and the two hex nuts which secure the blade are tightened to between 350 inch pounds (minimum) and 600 inch pounds (maximum).

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

DECK

The underside of mower deck should be cleaned after each use to prevent a buildup of grass clippings, leaves, dirt or other matter. If this debris is allowed to accumulate, it will invite rust and corrosion, and may cause an uneven discharge of grass clippings at the next cutting.

The deck may be cleaned by tilting the mower and scraping clean with a suitable tool (make certain the spark plug wire is disconnected).



Do not use water to clean the underside of the deck as damage to the blade brake clutch could result.

MAINTENANCE



WARNING

Be sure to disconnect and ground the spark plug wire before performing any repairs or maintenance.



When tipping the unit, empty the fuel tank and keep engine spark plug side up.

TROUBLE SHOOTING

Refer to page 19 of this manual for trouble shooting information.

CUTTING BLADE

To remove the cutting blade for sharpening or replacement, remove the two hex nuts and lock washers which hold the blade to the blade brake/clutch. Protect hands by using heavy gloves or a rag to grasp the cutting blade. See figure 25.

ENGINE

Refer to the separate engine manual for all engine maintenance instructions.

Maintain **engine oil** as instructed in the separate engine manual packed with your unit. Read and follow instructions carefully.

Service **air cleaner** every 25 hours under normal conditions. Clean every few hours under extremely dusty conditions. Poor engine performance and flooding usually indicates that the air cleaner should be serviced. To service the air cleaner, refer to the separate engine manual packed with your unit.

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 specifications.

Clean the engine regularly with a cloth or brush. Keep the cooling system (blower housing area) clean to permit proper air circulation which is essential to engine performance and life. Be certain to remove all grass, dirt and combustible debris from muffler area.

BLADE BRAKE/CLUTCH

This unit is equipped with a blade brake/clutch. If for some reason the blade brake/clutch becomes inoperative, it is suggested that all repair work on the blade brake/clutch should be performed by an authorized service dealer. The unit should be inspected by an authorized service dealer if any of the following conditions are noticed.

1. Frayed clutch control cable.
2. Leaking oil seal (oil collection on the floor during mower storage).
3. Extensive vibration of the unit.

BELT REMOVAL AND REPLACEMENT

1. Disconnect the spark plug wire and ground it against the engine.
2. Drain the fuel tank or place a piece of plastic beneath the cap to prevent gasoline leakage.
3. Remove the grass bag, rear discharge chute assembly and catcher panel.
4. Remove the transmission belt cover by removing three bolts. Loosen the transmission belt guard. See figure 26.
5. Tip the mower on its side, and block securely.
6. Remove the blade by removing two hex nuts and lock washers. Refer to figure 25.

NOTE

When reassembling, tighten hex nuts to between 350 and 600 in. lbs.

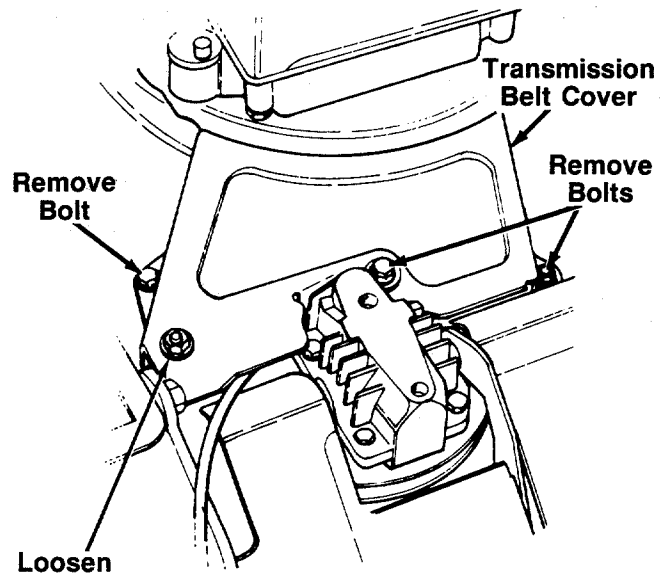


FIGURE 26.

7. Remove the inside belt guard by removing two self-tapping screws. A 3/8" wrench is required. See figure 27.
8. Remove the center bolt as follows.
 - a. Insert a screwdriver into the slot provided in the blade brake/clutch housing where the control cable enters the housing. See figure 27.
 - b. Place a 5/8" wrench on the center bolt. Turn the wrench slowly until the screwdriver catches in a groove provided inside the clutch. The screwdriver will now keep the clutch from turning, and the center bolt and cupped washer may be removed. Lift off lower housing.

IMPORTANT

Upon reassembly, be certain to tighten center bolt to between 350 and 600 in. lbs.

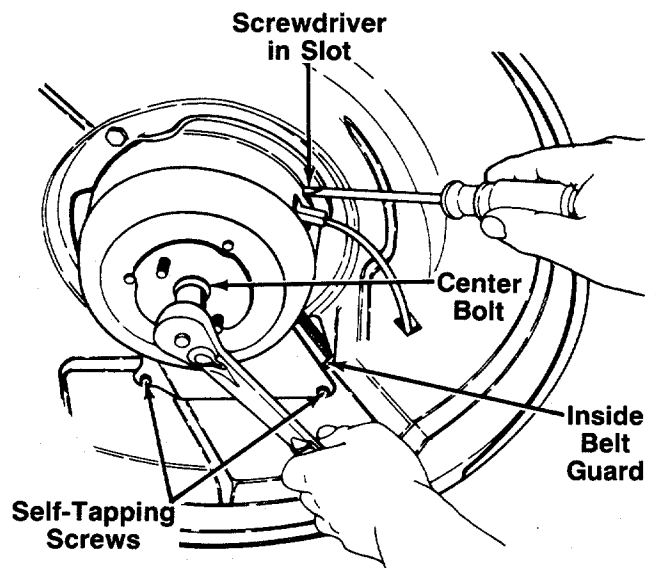


FIGURE 27.

9. Remove belt from the engine pulley half. Remove the belt from between the idler pulley and the belt guard on the idler pulley bracket. See figure 28.

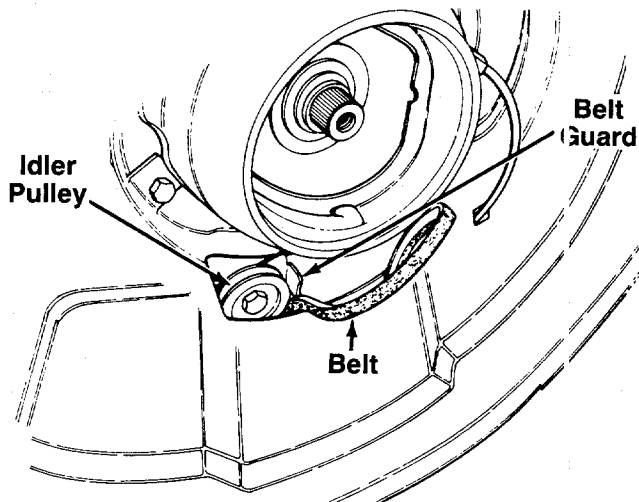


FIGURE 28.

10. Push the idler to the left and remove the belt from the transmission pulley. See figure 29.

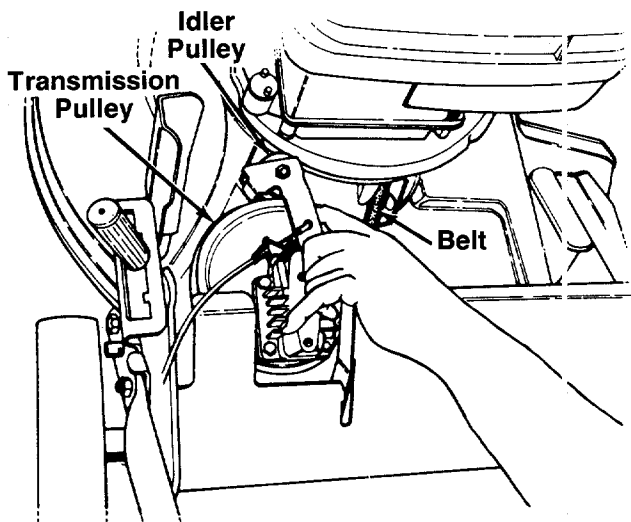


FIGURE 29.

11. Reassemble the new belt, following instructions in reverse order.

NOTE

When reassembling the transmission belt cover, be certain the transmission belt guard is approximately 1/8" away from the belt. Make certain to tighten all nuts and bolts securely. If plastic was placed under the gas cap, be certain to remove it.

OFF-SEASON STORAGE

The following steps should be taken to prepare lawn mower for storage.

1. Clean and lubricate mower thoroughly as described in the lubrication instructions.
2. Refer to engine manual for correct engine storage instructions.
3. Coat mower's cutting blade with chassis grease to prevent rusting.
4. Store mower in a dry, clean 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 cables and all moving parts.

NOTE

The use of any accessory on this Rotary Mower other than those manufactured by the mower manufacturer is **not** recommended.

GRASS CATCHER KIT Model 081 is available as replacement equipment for the mower shown in this manual.



WARNING

To reduce the risk of injury, do not operate mower unless rear trailing shield and guard or entire grass catcher is in its proper 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 No. 764-0255 (Grey) or 764-0257 (Black).

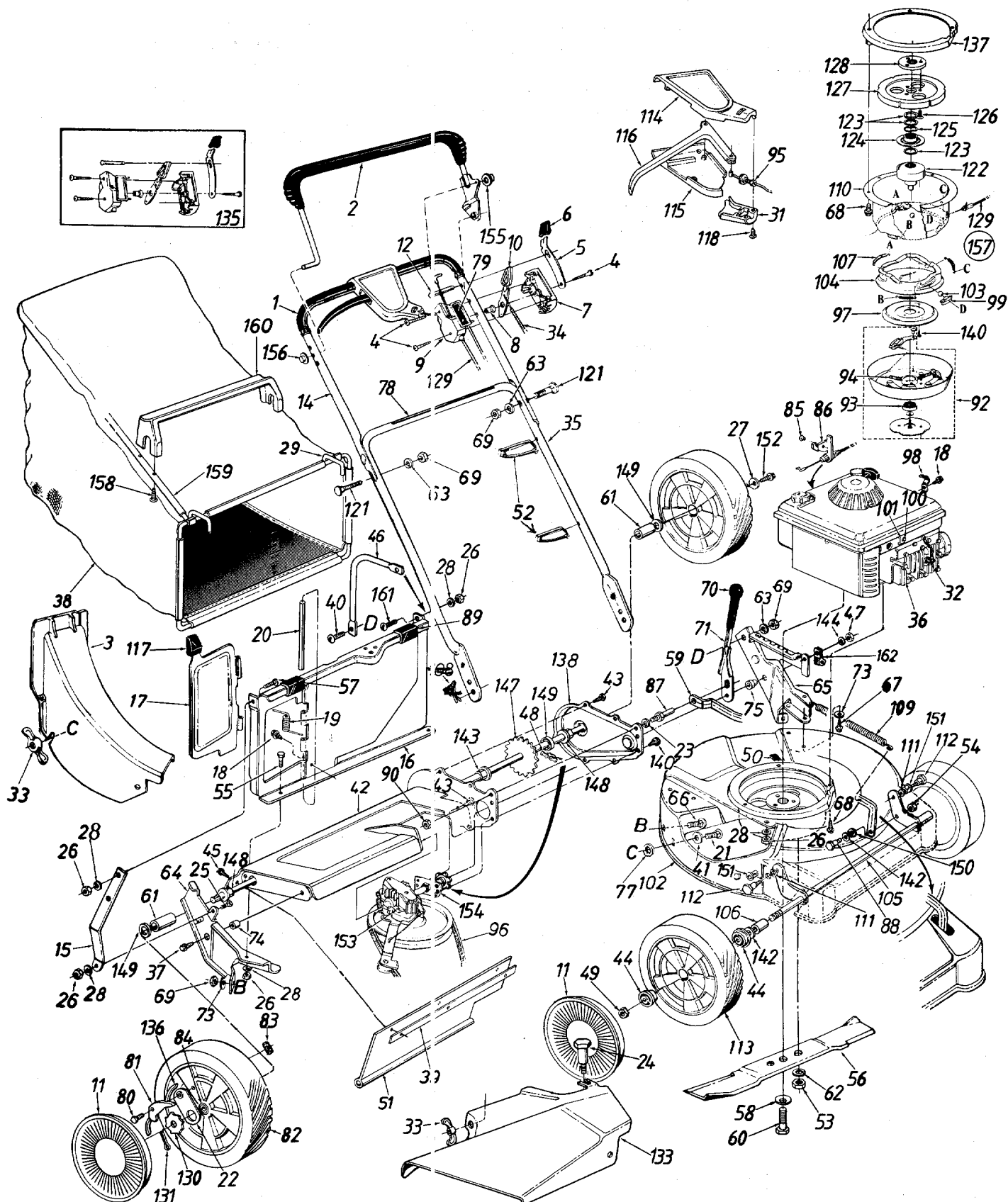
Trouble Shooting Guide

Trouble	Possible Cause(s)	Corrective Action
Engine fails to start	<ol style="list-style-type: none"> 1. Spark plug wire disconnected. 2. Throttle control lever not in CHOKE position. 3. Fuel shut-off valve closed. 4. Fuel tank empty, or stale fuel. 5. Blocked fuel line. 6. Faulty spark plug. 7. Engine flooded. 	<ol style="list-style-type: none"> 1. Connect wire to spark plug. 2. Move throttle lever to CHOKE position. 3. Open fuel shut-off valve. 4. Fill tank with clean, fresh gasoline. 5. Clean fuel line. 6. Clean, adjust gap or replace. 7. Remove spark plug, dry the plug, and crank engine with plug removed and throttle in off position. Replace spark plug, connect wire and resume starting procedures.
Engine runs erratic	<ol style="list-style-type: none"> 1. Unit running in CHOKE position. 2. Spark plug wire loose. 3. Blocked fuel line or stale fuel. 4. Vent in gas cap plugged. 5. Water or dirt in fuel system. 6. Dirty air cleaner. 7. Carburetor out of adjustment. 	<ol style="list-style-type: none"> 1. Move throttle lever to FAST position. 2. Connect and tighten spark plug wire. 3. Clean fuel line; fill tank with clean, fresh gasoline. 4. Clear vent. 5. Drain fuel tank. Refill with fresh fuel. 6. Clean air cleaner.† 7. Adjust carburetor.†
Engine overheats	<ol style="list-style-type: none"> 1. Engine oil level low. 2. Air flow restricted. 3. Carburetor not adjusted properly. 	<ol style="list-style-type: none"> 1. Fill crankcase with proper oil. 2. Remove blower housing and clean.† 3. Adjust carburetor.†
Occasional skip (hesitates) at high speed	<ol style="list-style-type: none"> 1. Carburetor idle speed too slow. 2. Spark plug gap too close. 3. Carburetor idle mixture adjustment improperly set. 	<ol style="list-style-type: none"> 1. Adjust carburetor.† 2. Adjust gap to .030". 3. Adjust carburetor.†
Idles poorly	<ol style="list-style-type: none"> 1. Spark plug fouled, faulty or gap too wide. 2. Carburetor improperly adjusted. 3. Dirty air cleaner. 	<ol style="list-style-type: none"> 1. Reset gap to .030" or replace spark plug. 2. Adjust carburetor.† 3. Clean air cleaner.†
Excessive vibration	<ol style="list-style-type: none"> 1. Cutting blade loose or unbalanced. 2. Bent cutting blade. 	<ol style="list-style-type: none"> 1. Tighten blade and balance blade. 2. Replace blade.
Mower will not drive	<ol style="list-style-type: none"> 1. Drive clutch cable out of adjustment. 2. Belt worn and/or stretched. 	<ol style="list-style-type: none"> 1. Adjust drive clutch cable (see adjustment section). 2. Replace belt.
Mower will not discharge grass	<ol style="list-style-type: none"> 1. Engine speed too low. 2. Wet grass. 3. Excessively high grass. 	<ol style="list-style-type: none"> 1. Set throttle between 3/4 and full throttle. 2. Do not mow when grass is wet; wait until later to cut. 3. Mow once at a high cutting height, then mow again at desired height or make a narrower cutting swath (1/2 width).
Uneven cut	Dull blade.	Sharpen or replace blade.

†Refer to separate engine manual packed with your unit.

Note: For repairs beyond the minor adjustments listed above, contact your local authorized service dealer.

Model 836B



Model 836B

PARTS LIST FOR MODEL 836B ROTARY MOWER

REF. NO.	PART NO.	CODE	DESCRIPTION	REF. NO.	PART NO.	CODE	DESCRIPTION
1	720-0225		Grip (2 Req'd.) FOAM	54	712-0266		Hex Jam Nut 3/8-16 Thd.
2	731-0609		Control Handle Ass'y.—L.H.	55	710-0289		Hex Bolt 1/4-20 x .5" Lg.
3	731-1023		Rear Discharge Chute Ass'y.	56	742-0306		21" Blade
4	710-0796		Truss Mach. Scr. #12 x 1.50" Lg.	57	710-0255		Truss Mach. Scr. 1/4-20 x .75" Lg.
5	732-0401		Lockout Spring	58	736-0412		Bell-Wash. .46" I.D. x .88" O.D.
6	720-0190		Spring Lever Knob	59	16863	N	Height Adj. Connecting Arm
7	731-0817		Control Panel Half	60	710-1002		Hex Bolt 7/16-20 x 2.0" Lg. (Grade 5)
8	731-0524		Control Disc Pin	61	748-0190		Spacer .513" I.D. x .703" O.D. x .69" Lg.
9	731-0816		Clutch Panel Half	62	736-0169		L-Wash. 3/8" I.D.*
10	731-0972		Throttle Control Lever	63	736-0119		L-Wash. 5/16" I.D.*
11	731-0981A	N	Hub Cap (Radial)	64	16136A	N	R.H. Handle Wheel Brkt. Ass'y.
	731-0975A	N	Hub Cap (5 Spoke)	65	16137B	N	L.H. Handle Wheel Brkt. Ass'y.
12	731-0607		Lock Pin .314" Dia. x 1.75"	66	710-0260		Carriage Bolt 5/16-18 x .62"*
14	749-0439A	N	Upper Handle	67	710-0603		Hex Wash. Hd. B-Tap Scr. 5/16-18 x .5" Lg.
15	16129A	N	Panel Support Brkt.	68	710-1007		Hex Wash. Hd. TT-Tap Scr. 3/8-16 x 1.5" Lg.
16	16862 w/o FLANGE		Rear Catcher Panel Ass'y.	69	712-0267		Hex Nut 5/16-18 Thd.*
17	17095		Rear Discharge Door	70	720-0223		Grip
18	710-0429		Hex B-Tap Scr. #10 x .38"	71	732-0606	N	Height Adj. Lever
19	732-0483A	N	Torsion Spring	73	736-0242		Bell-Wash. 5/16" I.D.
20	747-0514		Pivot Pin	74	750-0736		Spacer .383" I.D. x .503" O.D.
21	710-0134		Carriage Bolt 1/4-20 x .62"*	75	750-0624		Shld. Spacer .500" Dia. x .100"
22	16855		Pawl Plate	77	726-0233		Bolt Retainer 1/4 x .50" O.D.
23	736-0169		L-Wash. 3/8" I.D.*	78	777-5815		Instruction Label
24	738-0704		Shoulder Bolt .312" Dia. x .18" Lg. Special	79	777-5811		Control Label
25	710-0258		Hex Bolt 1/4-20 x .62" Lg.*	80	738-0137		Shld. Scr. .342" Dia. x .268"
26	712-0287		Hex Nut 1/4-20 Thd.*	81	748-0188B	N	Pawl
27	736-0270		Bell-Wash. 1/4" I.D.	82	734-1510A	N	Wheel Ass'y. Comp.—Rear 8 x 2.0"
28	736-0329		L-Wash. 1/4" I.D.*	83	712-0189		Flat Weld Nut 1/4-20 Thd.
29	747-0705		Front Grass Catcher Frame	84	741-0486B	N	Sleeve Bearing 1/2" I.D.
31	731-1059	N	S.P. Control Cover	85	728-0171		Pop Rivet .156" Dia. x .379"
32	735-0639		Spark Plug Insulator	86	14924		Cable Bracket
33	712-0388		Wing Nut	87	711-0805		Shld. Pin 3/8-24 x 1.43" Lg.
34	746-0672		Throttle Control Wire 58" Lg. YELLOW	88	738-0234		Shoulder Bolt .5" Dia. x .295"
35	749-0725	N	Lower Handle	89	731-0880	N	Panel Clip
36	—		Engine	90	712-0711		Hex Jam Nut 3/8-24 Thd.
37	710-0654A	N	Hex L-Wash. TT-Tap Scr. 3/8-16 x 1" Lg.	92	14300		Clutch Blade Housing Ass'y.
38	764-0255		Grass Bag—Grey	93	741-0124		Ball Brg. .669" I.D. x 1.574"
	764-0257		Grass Bag—Black	94	732-0396		Comp. Spring .35" O.D. x 2.0" Lg.
39	14835		Retaining Strip	95	746-0710	N	S.P. Cable 48" Lg. BLACK
40	710-0323		Truss Mach. Scr. 5/16-18 x .75" Lg.	96	754-0343		"V"-Belt 3/1"
41	736-0204		Fl-Wash. .344" I.D. x .62"	97	14304A	N	Clutch Cone
42	17055B	N	Chain—Axle Ass'y.	98	12894A	N	Casing Clamp
43	710-0352		Hex B-Tap Scr. 1/4" x .38" Lg.	99	731-0520		Ball Block
44	741-0180		Flange Ball Bearing 1/2" I.D.	100	710-0436		Hex B-Tap Scr. #10 x .62"
45	710-0776A	N	Hex AB-Tap Scr. 1/4 x .62"	101	751-0463		Casing Clamp
46	749-0778	N	Catcher Panel Support Arm	102	16859	629/N	21" Deck Ass'y.
47	712-0296		Hex Patch L-Nut 3/8-24 Thd.	103	741-0326		Steel Ball .50" Dia.
48	713-0353		#48 Chain .500" Pitch x 30 Links	104	719-0283		Brake Cup Cone
49	712-0346		Hex L-Nut 1/2-20 Thd.	105	16856	N	Front Axle Ass'y.
50	731-0564		Plug				
51	731-0672A	N	Rear Flap 3.75" x 17.30" Lg.				
52	726-0240		Cable Tie				
53	712-0328		Hex Nut 3/8-24 Thd. (Gr. 8)				

Model 836B

PARTS LIST FOR MODEL 836B ROTARY MOWER (CONTINUED)

REF. NO.	PART NO.	CODE	DESCRIPTION	REF. NO.	PART NO.	CODE	DESCRIPTION
106	711-0313		Sleeve .526" I.D. x .690" O.D. x .880" Lg.	133	731-0884		Side Chute Deflector Ass'y.
107	732-0397		Ext. Spring 1.75" Lg.	135	753-0431		Kit—Control Housing Comp.
108	714-0104		Intern. Cotter Pin 5/16" Dia.	136	10622B	N	Spring—Nylon
109	732-0362		Extension Spring .75" O.D. x 8" Lg.	137	17176A	N	Engine Mounting Plate Cover
110	14306		Clutch Housing	138	17053A	N	Chain Cover
111	736-0221		Intern. L-Wash. 3/8 I.D.	140	710-0599		Hex Wash. S-Tap Scr. 1/4-20 x .50" Lg.
112	738-0705		Shld. Bolt .623" Dia. x .425	142	736-0108		FI-Wash. .510" I.D. x .75" O.D.
113	734-1513A	N	Front-Wheel Ass'y. Comp. 8 x 2.0"	143	741-0522		Hex Flange Brg. .506" I.D.
114	731-1057	N	Self-Propelled Control Cover	144	736-0300		FI-Wash. .385" I.D. x .87" O.D.
115	731-0618A	N	Self-Propelled Control Cover	147	738-0719A	N	Rear Shaft Ass'y. 21.94" Lg.
116	731-0620		Control Lever	148	741-0324		Hex Flange Bearing .506" I.D. Plastic
117	720-0190		Door Grip	149	736-0160		FI-Wash. .531" I.D. x .930" O.D.
118	710-0841		FI-"C"-Sunk Hd. Tap Scr. #10 x .75" Lg.	150	736-0253		Bell-Wash. .515" I.D. x 1.0" O.D.
121	710-0671		Curved Carr. Bolt 5/16-18 x 1.38" Lg.	151	741-0491		Flanged Nylon Brg.
122	756-0504		Fixed Pulley Adapter	152	710-0751		Hex Bolt 1/4-20 x .62" Lg. (Grade 5)
123	736-0409		Serrated Washer 1.0" I.D.	153	717-0417A	N	Transmission Comp. (See Breakdown)
124	756-0503		Serrated Pulley Half	154	16500		Hex Bearing Cup
125	736-0408		Wave Washer 1.005" I.D.	155	726-0245		Push Cap
126	710-0618		Flat HD Tap Scr. 1/4-20 x .625" Lg.	156	726-0135		Push Cap
127	748-0319		Flywheel	157	717-0845B	N	Blade Brake Clutch Ass'y. Comp.
128	748-0320		Flywheel Adapter	158	7104	1025	Hex AB-Tap Scr. 1/8" Lg.
129	746-0406		Control Cable—49" Lg. BLUE	159	749-0764A	N	Rear Catcher Frame
130	748-0318		Ratchet Wheel 1.62" O.D.	160	731-0801		Bag Handle
131	714-0115		Cotter Pin 1/8" Dia. x 1.00" Lg.*	161	710-0946		Truss Mach. Scr. 1/4-20 x .62"
				162	726-0175		Clamp

*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). See chart as shown. [i.e., (part no.)-629 for Silver Flake Finish].

483—Charcoal Grey
629—Silver Flake



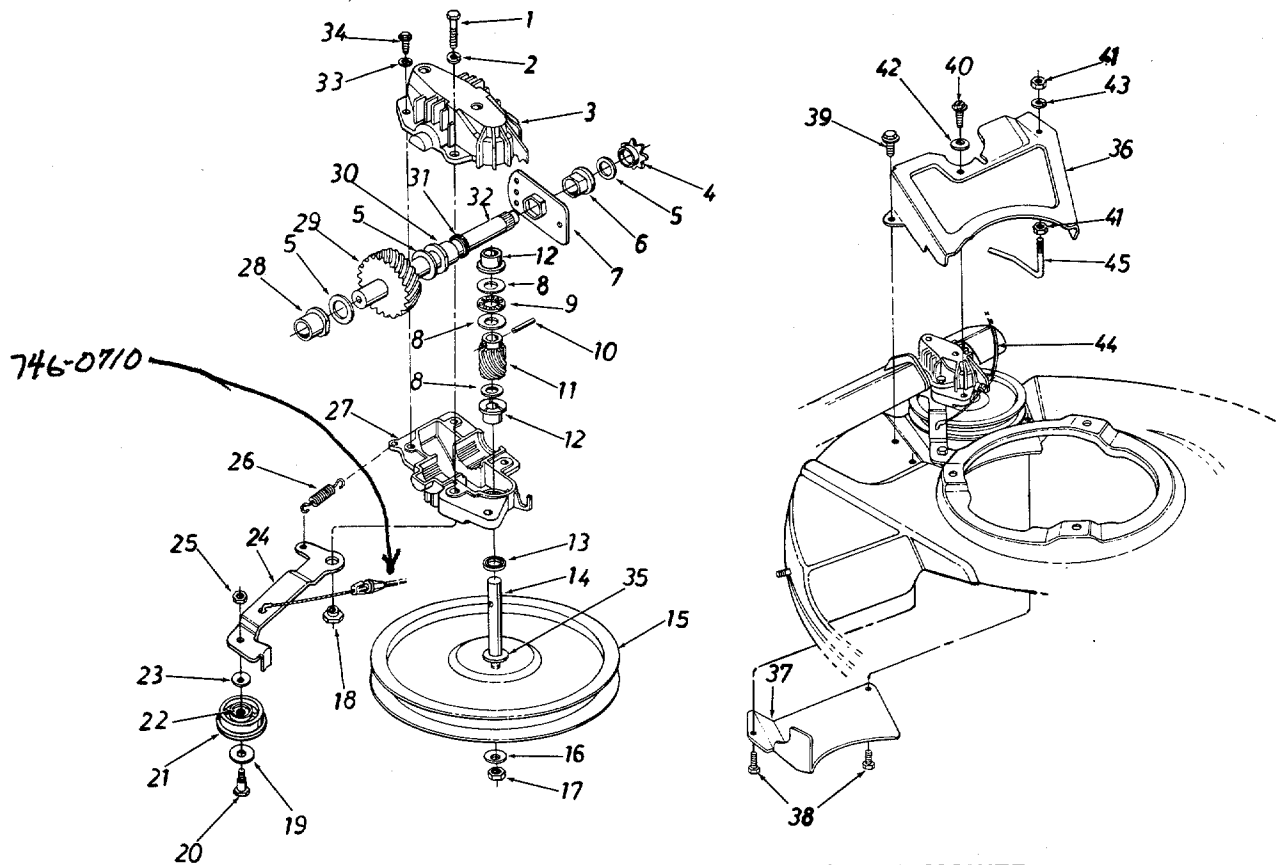
Specifications subject to change without notice or obligation.

NOTE: 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."

Find It Fast
In The
Yellow Pages



Model 836B



PARTS LIST FOR MODEL 836B ROTARY MOWER

REF. NO.	PART NO.	CODE	DESCRIPTION	REF. NO.	PART NO.	CODE	DESCRIPTION
1	710-0106		Hex Bolt 1/4-20 x 1.25" Lg.*	22	741-0482		Needle Brg. .375" x .31†
2	736-0329		L-Wash. 1/4" I.D.*	23	736-0270		Bell-Wash. .265" I.D. x .75"†
3	717-0418A	N	Upper Hsg. Half	24	17052A	N	Idler Brk't. Ass'y.†
4	713-0400		#48 Sprocket 7 Tooth x 1/2 Pitch	25	712-0138		Hex Patch L-Nut 1/4-28 Thd.†
5	736-0336		FI-Wash. 5/8" I.D. x .030	26	732-0357		Extension Spring 1.12" Lg.†
6	741-0413		Hex Flange Brg. .631" I.D.	27	717-0419A	N	Lower Hsg. Half
7	16500		Hex Bearing Cup	28	741-0415		Flange Bearing .566 Dia.
8	736-0314		Thrust Wash. .382" I.D. x .70" O.D.	29	717-0422		33 Tooth Helical Gear
9	741-0479		Thrust Bearing .375" I.D. x .812" O.D.	30	741-0414		Flange Bearing .629 Dia.
10	715-0152		Spring Pin Spir. 1/8" x .62" Heavy	31	721-0213		Oil Seal .625 Dia.
11	717-0420		11 Tooth Helical Gear	32	738-0607		Gear Sprocket Shaft
12	748-0208A	N	Flange Bearing	33	736-0722		L-Wash. #10 I.D.
13	721-0212		Oil Seal	34	710-0436		Hex B-Tap Scr. #10 x .62"
14	738-0708A	N	Pulley-Transmission Shaft	35	736-0410		Hex Washer .26" x .88"†
15	756-0330A	N	FI-Pulley 5.06" O.D.†	36	17058		Transmission Belt Guard†
16	736-0270		Bell-Wash. .265" I.D. x .75"†	37	17065		Belt Cover†
17	712-0351		Hex L-Nut 1/4-28 Thd.†	38	710-0352		Hex B-Tap Scr. 1/4 x .38" Lg.†
18	738-0440		Shld. Spacer .375" Dia. x .170†	39	710-0599		Hex AB-Tap Scr. 1/4 x .50" Lg.†
19	736-0344		FI-Wash. .390" I.D. x 1.0"†	40	710-0896		Hex B-Tap Scr. 1/4 x .62" Lg.
20	738-0691		Shld. Bolt .375" Dia. x .40"†	41	712-0287		Hex Nut 1/4-20 Thd.*†
21	756-0447		FI-Idler Plastic 1.50" Dia.†	42	736-0270		Bell-Wash. .265" I.D. x .75"†
				43	736-0329		L-Wash. 1/4" I.D.*†
				44	746-0656-0710		S.P. Cable—38" Lg.† 48" BLACK
				45	747-0549		S.P. Belt Guard†
				—	717-0417A	N	Transmission Comp.

†Not Part of Transmission Complete

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	NEW YORK	CARTHAGE
Auto Electric & Carburetor Co.	2625 4th Ave. S. Box 2466	Gamble Dist., Inc.	West End Ave. Box 389
	35233		13619
ARKANSAS	NORTH LITTLE ROCK	NORTH CAROLINA	GREENSBORO
Sutton's Lawn Mower Shop	5301 Roundtop Drive Box 368, Rt. 4	Dixie Sales Company	335 N. Green Box 1408
	72117		27402
CALIFORNIA	PORTERVILLE	OHIO	CARROLL
Billious	75 North D Street	Stebe's Mid-State Mower Supply	Box 366, 71 High St.
	93257		43112
COLORADO	DENVER	Bleckrie, Inc.	CLEVELAND
Spitzer Industrial Products Co.	6601 N. Washington St.		7900 Lorain Ave.
	80229		44102
FLORIDA	JACKSONVILLE	National Central	WADSWORTH
Radco Distributors	4909 Victor St. Box 5459	Burton Supply Co.	687 Seville Rd.
	32207		44281
	HIALEAH		YOUNGSTOWN
Small Eng. Dist.	7995 W. 26th Court		1301 Logan Ave. Box 929
	33016		44501
GEORGIA	EAST POINT	PENNSYLVANIA	HARRISBURG
East Point Cycle & Key Inc.	2834 Church St.	EECO Inc.	4021 N. 6th St.
	30344		17110
ILLINOIS	LYONS	Thompson Rubber Co.	WILLOW GROVE
Keen Edge Co.	8615 Ogden Ave.		850 Davisville Rd.
	60534		19090
INDIANA	ELKHART	Bluemont Co.	PITTSBURGH
Parts & Sales Inc.	2101 Industrial Pkwy. Box 277	Frank Roberts & Sons	11101 Frankstown Rd.
	46516		15235
IOWA	DUBUQUE		PUNXSUTAWNEY
Power Lawn & Garden Equip.	2551 J.F. Kennedy		R.D. 2
	52001		15767
LOUISIANA	LAFAYETTE	Scranton Auto Ignition Co.	SCRANTON
Jourdan Engine Co.	214 W. Vermillion St. Box 3503		1133-35 Wyoming Ave.
	70501		18509
MARYLAND	TAKOMA PARK	TENNESSEE	KNOXVILLE
Center Supply Co.	6867 New Hampshire Ave.	Ace Distributors	2103 Magnolia
	20912		37917
MASSACHUSETTS	SPRINGFIELD	American Sales & Service, Inc.	MEMPHIS
Morton B. Collins Co.	300 Birnie Ave.		3035-43 Bellbrook
	01107		38116
MICHIGAN	MOUNT CLEMENS	TEXAS	DALLAS
Power Equipment Dist.	340 Hubbard	Marr Brothers, Inc.	423 E. Jefferson
	48043		75203
MINNESOTA	PLYMOUTH	Engine House Inc.	SAN ANTONIO
Hance Distributing Inc.	12795 16th Ave. North		4918 Golden Quail
	55441		78249
MISSOURI	EARTH CITY	UTAH	SALT LAKE CITY
Oscar Wilson Engine & Parts	4159 Shoreline Dr.	Powered Products	1661 N. Beck St.
	63045		84116
	KANSAS CITY	VIRGINIA	ASHLAND
Automotive Equip. Service	3117 Holmes St.	RBI Corp.	101 Cedar Ridge Dr.
	64109		23005
NEW JERSEY	ALLOWAY	WASHINGTON	SEATTLE
Piersons	Canal St., Box 494	Equip. Northwest	1410 14th Ave.
	08001		98122
		WISCONSIN	MILWAUKEE
		Wisconsin Magneto Inc.	4727 N. Teutonia St.
			53209
		PUERTO RICO	AGUADILLA
		CIE & Associates, Inc.	Box 427 Ramey Station
			00604

WARRANTY PARTS AND SERVICE POLICY

(0588)

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.
3. Date of Failure.
4. Nature of Failure.