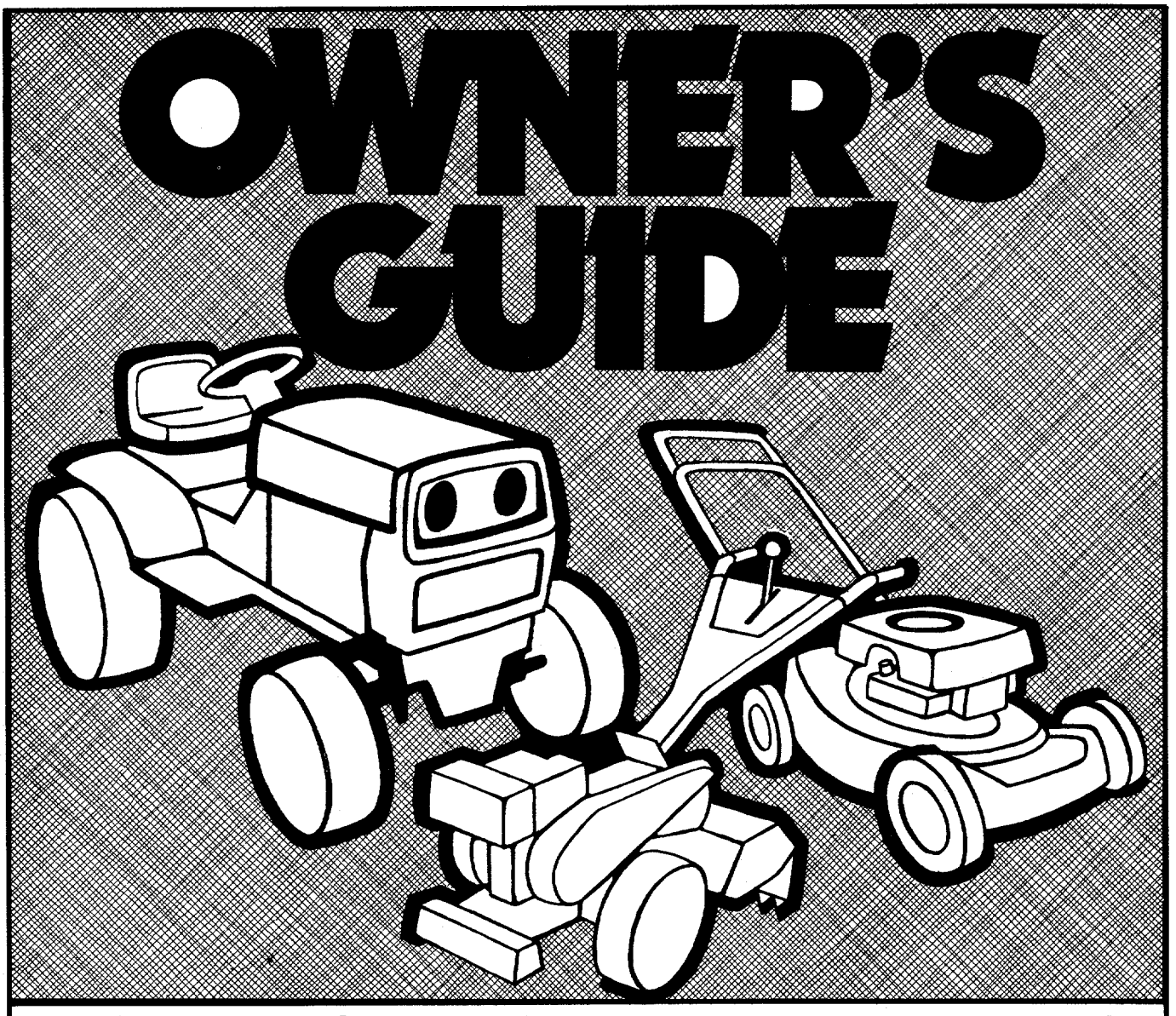
OWNER'S GUIDE



ASSEMBLY • OPERATION • MAINTENANCE • PARTS

26″ RIDING MOWER

Important:

Read Safety Rules and Instructions Carefully

Thank you for purchasing an American built product.

Model Number 131-402A

PRINTED IN U.S.A.

FORM NO. 770-0848

INDEX

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 any parts submitted for replacement under this warranty must be paid by the purchaser unless such return is requested by MTD PRODUCTS INC.

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

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

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

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

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

WARNING

TO PURCHASERS
OF INTERNAL COMBUSTION ENGINE EQUIPPED
MACHINERY OR DEVICES IN THE STATE OF CALIFORNIA

The equipment which you have just purchased does not have a spark arrester. If this equipment is used on any forest covered land, brush covered land, or grass covered unimproved land in the State of California, before using on such land, the California law requires that a spark arrester be provided. In addition, spark arrester is required by law to be in effective working order. The spark arrester must be attached to the exhaust system and comply with Section 4442 of the California Public Resources Code.

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

SAFE OPERATION PRACTICES FOR RIDING VEHICLES

1. It is suggested that this manual be read in its entirety before attempting to assemble or operate this unit. Keep this manual in a safe place for future reference and for ordering replacement parts.
2. This unit is a precision piece of power equipment, not a plaything. Therefore exercise extreme caution at all times.
3. Know the controls and how to stop quickly—READ THIS OWNER'S MANUAL.
4. Do not allow children to operate vehicle. Do not allow adults to operate it without proper instruction. Only persons well acquainted with these rules of safe operation should be allowed to use your mower.
5. Do not carry passengers.
6. 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.
7. Clear work area of objects which might be picked up and thrown by the mower in any direction and cause injury.
8. Stop the blade(s) when crossing gravel drives, walks or roads.
9. Disengage all attachment clutches and shift into neutral before attempting to start engine.
10. Disengage power to attachment(s) and stop engine before leaving operating position.
11. 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.
12. 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.
13. 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.
14. Disengage power to attachment(s) when transporting or not in use.
15. 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.
16. Do not stop or start suddenly when going uphill or downhill. Mow up and down face of steep slopes; never across the face.
17. Reduce speed on slopes and in sharp turns to prevent tipping or loss of control. Exercise extreme caution when changing direction on slopes.
18. Stay alert for holes in terrain and other hidden hazards.
19. 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.
20. Watch out for traffic when crossing or near roadways.
21. When using any attachments, never direct discharge of material toward bystanders nor allow anyone near vehicle while in operation.
22. 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.
23. Keep the vehicle and attachments in good operating condition, and keep safety devices in place. Use guards as instructed in owner's manual.
24. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
25. Never store the equipment with gasoline in the tank inside a building where fumes may reach an open flame or spark. Allow engine to cool before storing in any enclosure.
26. To reduce fire hazard, keep engine free of grass, leaves or excessive grease.
27. 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.
28. Do not change the engine governor settings or overspeed the engine.
29. 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.
30. Check grass catcher bags frequently for wear or deterioration. For safety protection, replace only with new bag meeting original equipment specifications.
31. Look behind to make sure the area is clear before placing the transmission in reverse and continue looking behind while backing up.

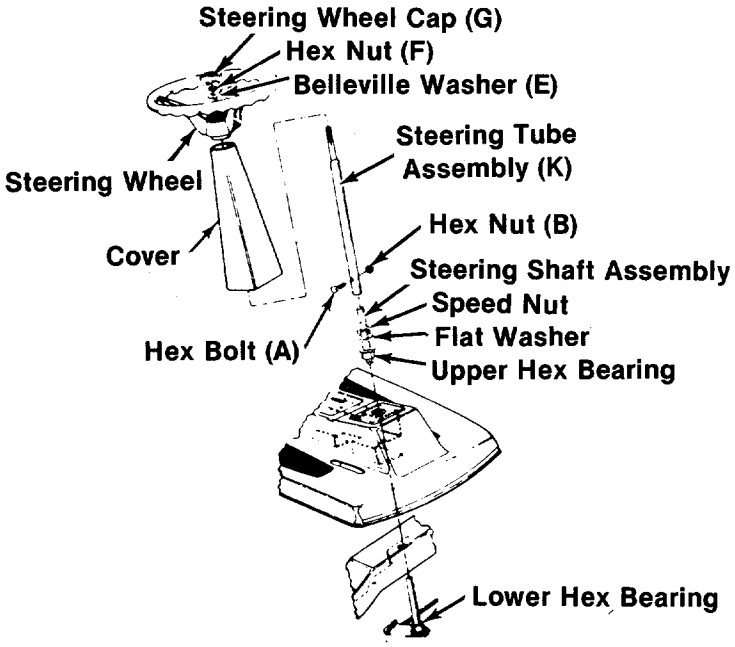


FIGURE 1. STEERING ASSEMBLY

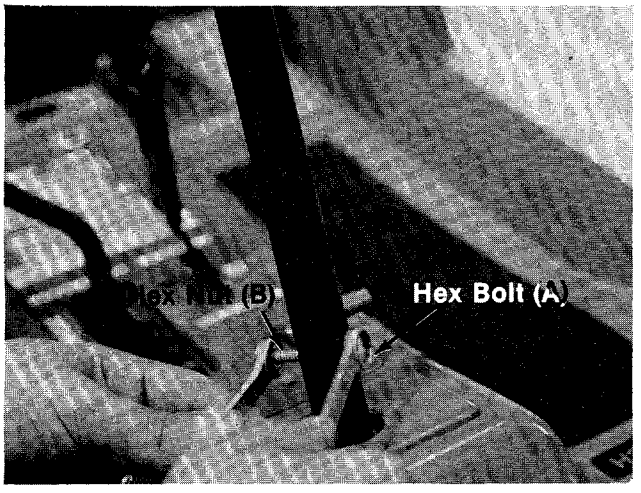


FIGURE 2. STEERING TUBE ASSEMBLY

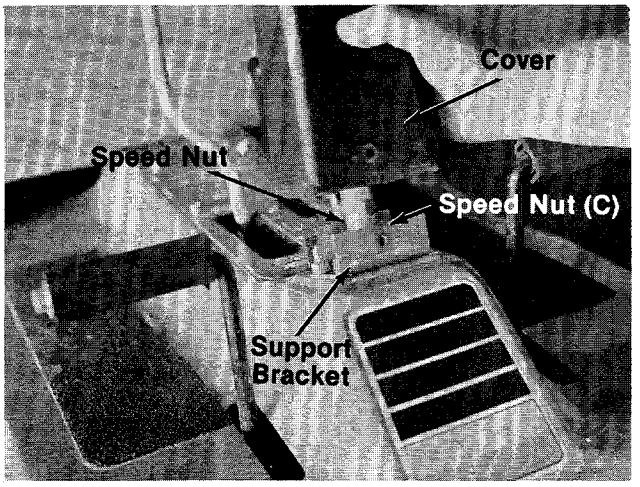


FIGURE 3.

ASSEMBLY INSTRUCTIONS

NOTE

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

NOTE

Reference to right hand or left hand side of machine is from the driver's seat facing forward.

Contents of Hardware Pack:

A (1) Hex Bolt ¼-20 x 1.25" Long
B (1) Hex Lock Nut ¼-20 Thread
C (2) Speed Nuts #10-24 Thread
D (2) Hex Self-Tapping Screws #10 x .50" Long
E (1) Belleville Washer
F (1) Hex Lock Nut 5/16-18 Thread
G (1) Steering Wheel Cap
H (4) Hex Bolts ¼-20 x .50" Long
I (4) Lock Washers ¼" I.D.
J (4) Flat Washers

Loose Parts in Carton:

K (1) Steering Tube Assembly
L (1) Steering Cover
M (1) Steering Wheel
N (1) Seat

STEERING WHEEL ASSEMBLY

(See figures 1, 2 and 3)

NOTE

Due to vibration during shipment, it is possible that the steering shaft on your unit may have dropped to a position where alignment of parts is difficult. This must be kept in mind during the assembly operation.

1. Check the upper and lower hex bearings. Be sure they are seated and in position. See figure 1.
2. Place your hand under the front of the unit and push up on the steering shaft assembly.
3. Hold up the shaft assembly. Place the steering tube assembly on the shaft and start the hex bolt (A) through the hole. See figure 2.
4. Fasten the tubing assembly to the steering shaft assembly with hex bolt and hex lock nut (B) provided.
5. Place two speed nuts (C) on support bracket as shown in figure 3.
6. Place the cover over the steering tube assembly. Line up holes in cover with speed nuts. See figure 3.

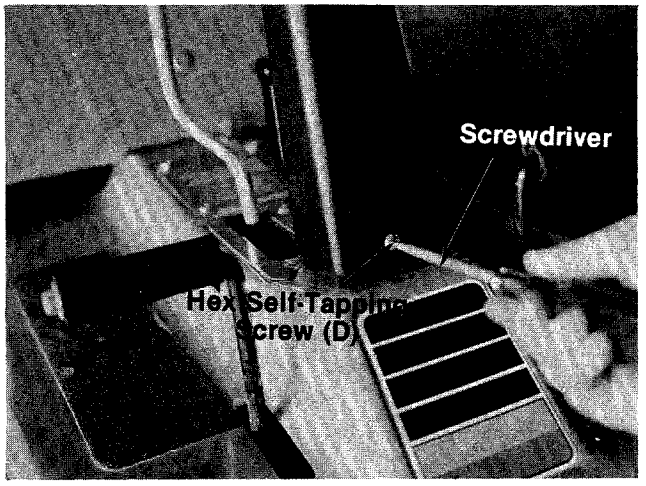


FIGURE 4.

7. Secure cover to support bracket with two hex self-tapping screws (D) provided. See figure 4.

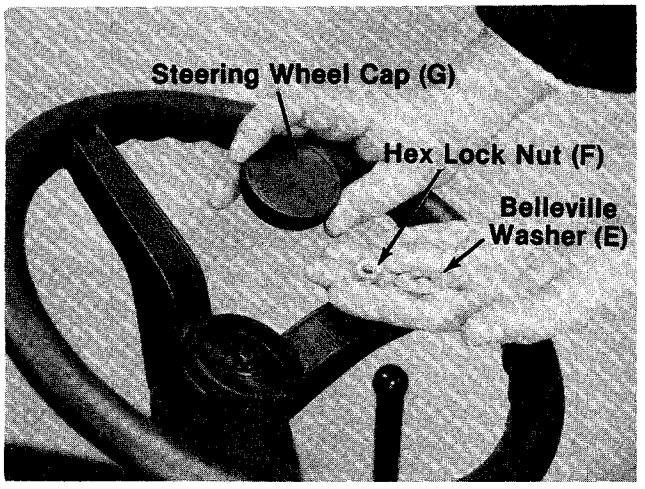


FIGURE 5. STEERING WHEEL ASSEMBLY

8. Place the steering wheel on the tubing assembly and fasten with belleville washer (E) and hex lock nut (F). See figure 5.

   Again, it may be necessary to raise the steering shaft assembly in order to put the hex lock nut on.

9. Place the steering wheel cap (G) on by hand. See figure 5.

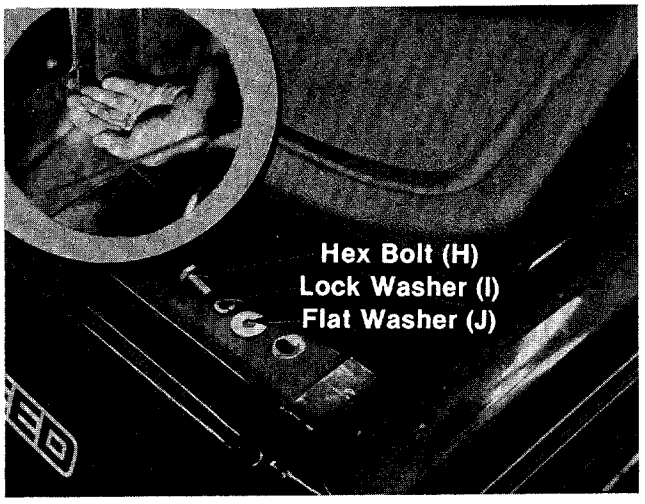


FIGURE 6.

SEAT ASSEMBLY

To secure seat to cover assembly, place lock washers (I) and flat washers (J) on hex bolts (H). Line up the four holes in bottom of seat with four corresponding holes in cover. Then insert the four hex bolts up through holes, tightening with an adjustable wrench. See figure 6.

TIRE PRESSURE

FOR SHIPPING PURPOSES, THE TIRES ON YOUR UNIT MAY BE OVER-INFLATED. TIRE PRESSURE SHOULD BE REDUCED BEFORE UNIT IS PUT INTO OPERATION. PRESSURE SHOULD BE APPROXIMATELY 15 P.S.I. EQUAL TIRE PRESSURE SHOULD BE MAINTAINED ON ALL TIRES. MAXIMUM TIRE PRESSURE IS 30 P.S.I.

CAUTION

Installation of tire to rim:

1. Lubricate tire beads and rim flanges.
2. Do not exceed 30 P.S.I. when seating beads.
3. Adjust to recommended pressure after beads are sealed.

CONTROLS (See figures 7 and 10)

This manual should be read in its entirety before operating the Riding Mower. The more you know and understand about the machine and its operation, the better job it will do for you. While reading the manual, compare the illustrations with your mower to familiarize yourself with the locations of various controls, lubrication points, attachments and adjustment features.

Study the operating instructions and safety precautions thoroughly to insure proper functioning of your mower and to prevent injury to yourself and others. Be sure to save this manual for future reference.

THROTTLE CONTROL

The throttle control is used to regulate the engine speed and to activate the choke on the engine. To get maximum efficiency from cutting, the throttle should be in the "FAST" position when operating the mower. Pushing the throttle all the way forward past "FAST" will choke the engine. See figure 7.

IGNITION KEY

The key must be turned to the "ON" position before you pull the recoil handle to start the engine. Turn the key to the left to the "OFF" position to stop the engine. Remove the key when the mower is not in use. See figures 7 and 10.

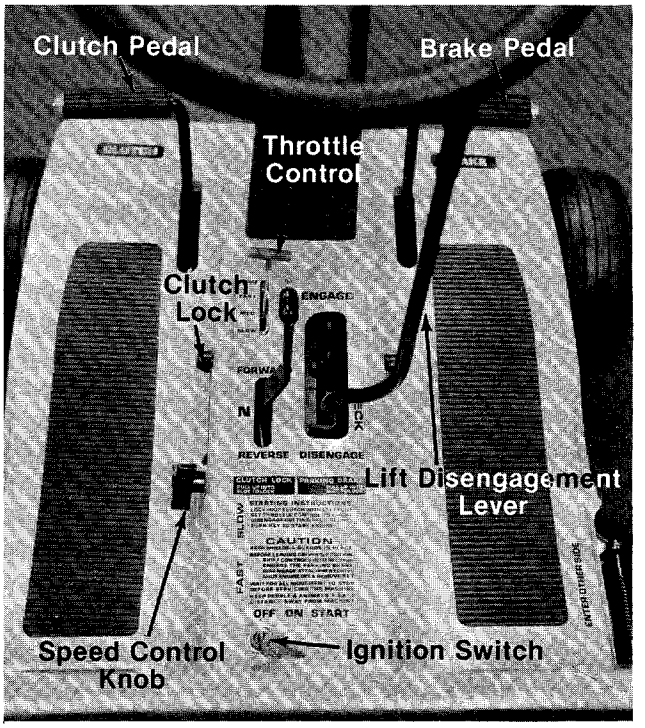


FIGURE 7. CONTROLS

LIFT AND DISENGAGEMENT LEVER

The lift and disengagement lever is used to raise and lower the cutting deck, set the cutting height, and disengage the cutting blades.

Move the lever to the right and move the lever all the way back and lock it to disengage the blades. The lever may be set in any one of the five cutting height positions.

INTERLOCKS (Not shown)

An interlock safety switch is located on the clutch pedal and the lift and disengagement lever.

The clutch pedal must be pressed down and locked. The lift and disengagement lever must be in the "STOP" position (all the way back) before the engine can be started. Failure to follow these instructions will prevent starting.

GEAR SHIFT LEVER

The gear shift lever has three positions, "FORWARD", "NEUTRAL" and "REVERSE." The clutch pedal must be depressed and the riding mower must not be moving when shifting gears. Do not force the shift lever. Release the clutch pedal slightly to line up the shifting collar in the transmission. Then try to shift gears.

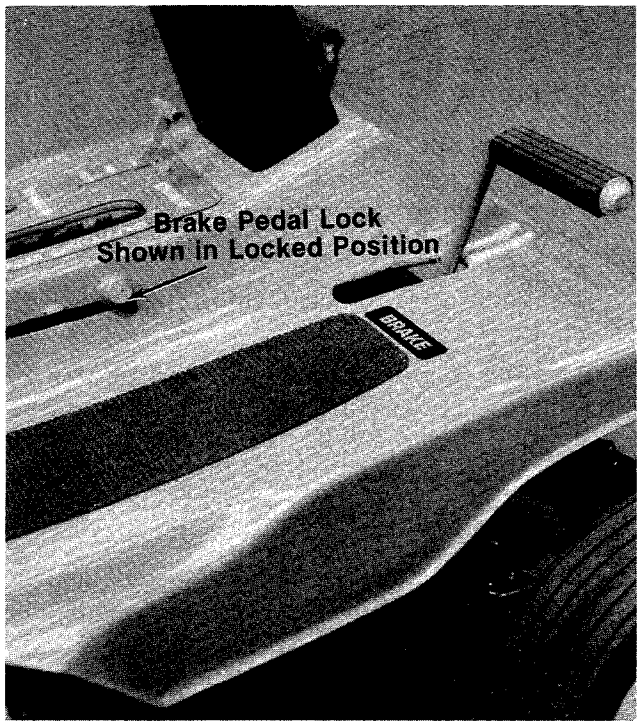


FIGURE 8. BRAKE PEDAL LOCK

BRAKE

To operate the brake, depress the right pedal all the way. To lock the brake in park position, depress the right pedal all the way and lift the brake lock. Pedal will stay in the depressed position. To release the parking brake, depress the pedal. See figure 8.

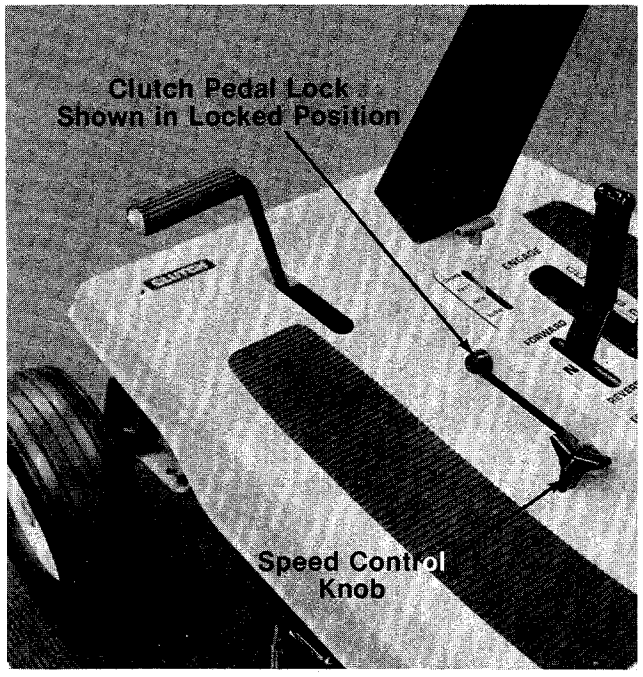


FIGURE 9. CLUTCH PEDAL LOCK

CLUTCH PEDAL

The clutch pedal is located on the left side. When depressed, it disengages the engine from the transmission. It can be held in the disengaged position by lifting the clutch lock. To stop the mower, depress the clutch and brake pedals. See figures 8 and 9.

SPEED CONTROL KNOB

The speed control knob allows you to regulate the ground speed of the riding mower. See figure 9. To set, depress clutch pedal and lock in position. Loosen speed control knob and slide forward to slow rider, slide backward to increase speed. When desired speed has been obtained, tighten knob in that position. Whenever clutch is engaged, rider will automatically go to the pre-set speed.

NOTE

The further forward the speed control knob is set, the slower the ground speed.

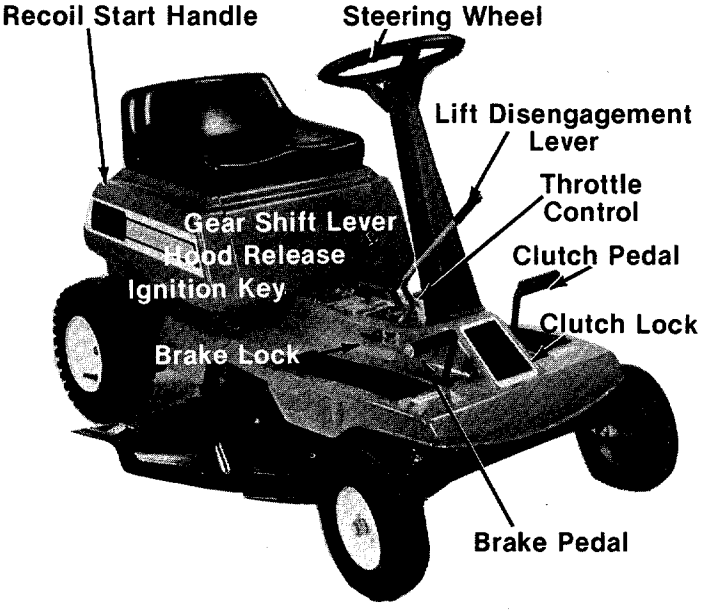


FIGURE 10. CONTROLS

OPERATION

CAUTION

1. Keep all shields in place.
2. Before leaving operator's position:
   a. Shift transmission to neutral
   b. Set parking brake
   c. Disengage attachment clutch
   d. Shut off engine
   e. Remove ignition key
3. Wait for all movement to stop before servicing machine.
4. Keep people and pets a safe distance away from machine.
5. Look to the rear before backing up.

CAUTION

DO NOT OPERATE MOWER UNLESS GUARD OR ENTIRE GRASS CATCHER IS IN ITS PROPER PLACE.

STARTING THE ENGINE

1. Be sure the crankcase is filled with oil as recommended in the engine manual. Fill fuel tank with **regular** gasoline.
2. Attach the wire to the spark plug.
3. Depress the clutch pedal and lock it down.
4. Move the lift and disengagement lever back to the disengaged position and lock it.

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 pedal is depressed and the lift and disengagement lever is in the disengaged position.

WARNING

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

5. Set the throttle control lever in the "CHOKE" position.
6. Turn the ignition key to the "ON" position. Twist the recoil starter handle until it is free and pull it with a quick steady motion. After the engine starts, return the recoil starter handle. Twist it until it locks. See figures 11 and 12.

NOTE

If these instructions are not followed, the engine will stop running when the clutch or blade is engaged.

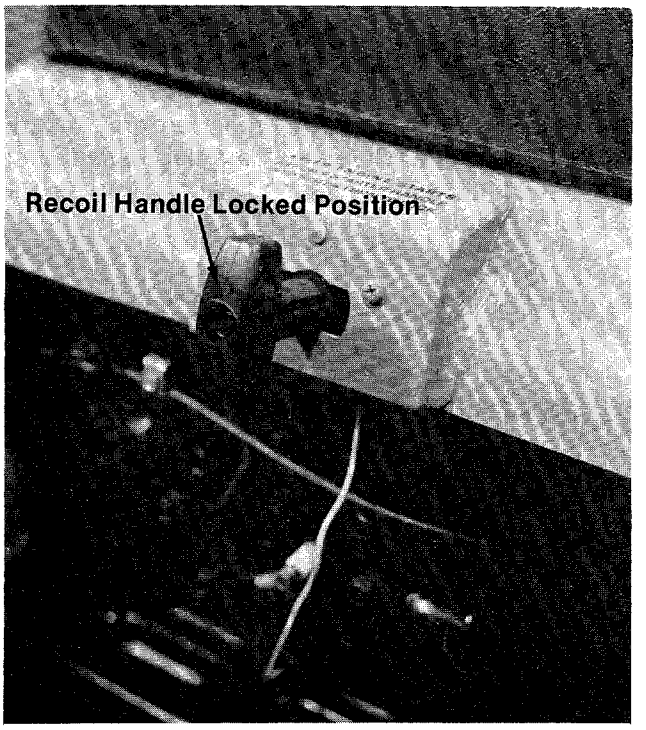


FIGURE 11. RECOIL HANDLE

7. Slowly return the throttle to the running position as soon as the engine starts.
8. To stop, turn the ignition key to the "OFF" position. Remove the key when the rider is not in use.

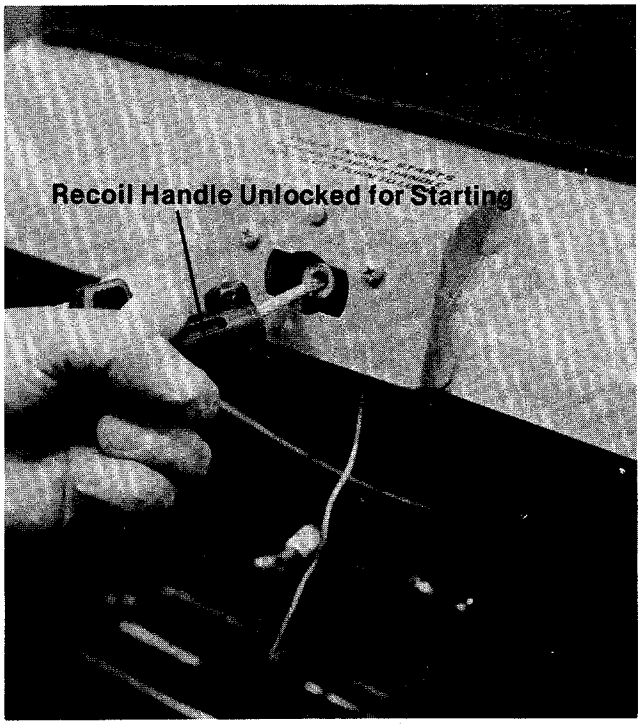


FIGURE 12. RECOIL HANDLE

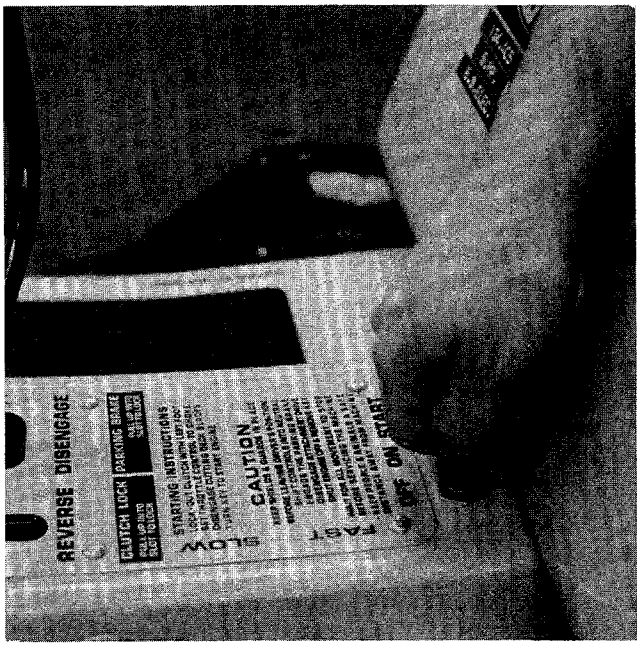


FIGURE 13. STARTER SWITCH

PUTTING THE RIDING MOWER IN MOTION

CAUTION

Parking brake **must** be disengaged before unit is put into motion.

1. Advance the throttle control from ¾ to full throttle to prevent strain on the engine and to operate the cutting blades.
2. Place the gear shift lever in either the "FORWARD" or "REVERSE" position.
3. Slowly release the clutch pedal.
4. To stop, depress the clutch and the brake pedals.
5. The blades can be engaged either while moving or while standing still. Move the lift and disengagement lever forward slowly until the blades are running.
6. Be sure that the lawn is clear of stones, sticks, wire, or other objects which could damage lawn mower or engine. For best results and to insure more even grass distribution, do not mow when lawn is excessively wet.

IMPORTANT

After striking 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.

STOPPING

NOTE

Unit is equipped with separate brake and clutch pedals. It is necessary to disengage the clutch when applying the brakes to stop efficiently.

Engine—Turn the ignition key to the left to the "OFF" position.

Rider—Depress the clutch and brake pedals.

Blades—Pull the lift and disengagement lever all the way back and lock it.

GRASS CATCHER Model No. 191-015A is available as optional equipment for the mower 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 No. 763-0121.

ADJUSTMENTS

CAUTION

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

THROTTLE CONTROL

To Check Operation:

1. Remove air cleaner.
2. Move throttle control lever to "CHOKE" position. The carburetor choke should be closed.
3. Move throttle control lever to "STOP" position. Lever should make good contact with stop switch.

To Adjust: (See figure 14)

Place remote control lever on equipment in "FAST" (high speed) position.

Lever C on carburetor should be just touching choke arm at D. To adjust, loosen casing clamp screw A on blower housing. Move control casing B forward or backward until correct position is obtained. Tighten screw A.

Recheck operation of controls after adjustment. Replace air cleaner.

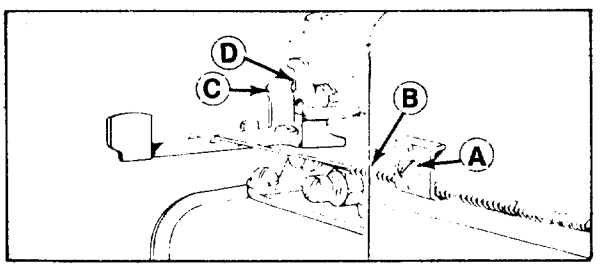


FIGURE 14. THROTTLE CONTROL ADJUSTMENT

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.

CARBURETOR ADJUSTMENTS (See figure 15)

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

Initial Adjustment:

Turn needle valve clockwise to close it. Then open 2 turns. This initial adjustment will permit the engine to be started and warmed up before making final adjustment.

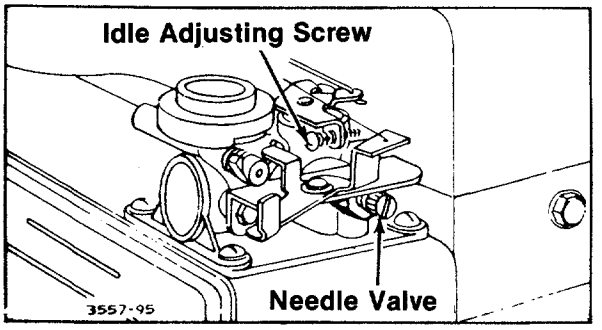


FIGURE 15. CARBURETOR ADJUSTMENT

Final Adjustment:

With engine running at normal operating speed (approximately 3000 RPM without load), turn needle valve clockwise until engine starts to lose speed (lean mixture). Then slowly turn needle valve counterclockwise past the point of smoothest operation, until engine just begins to run unevenly. This mixture will give best performance under load.

To check adjustment, move engine control from "SLOW" to "FAST" speed. If engine tends to stall or die out, it usually indicates that the mixture is slightly lean. It may be necessary to open the needle valve slightly to provide a richer mixture. This richer mixture may cause a slight unevenness in idling.

CHAIN ADJUSTMENT (See figure 16)

After the first five hours of operation the initial slack should be removed from the chain. The chain should be tight enough so that it deflects approximately ½" when it is depressed with the thumb.

To Adjust:

The adjusting bolt is located under the frame, above the cutting deck on the right side of the mower.

Turn the adjusting bolt clockwise with an open end wrench until the chain reaches the proper tension.

NOTE

If the transmission mounting plate will not slide forward to adjust the chain tension, it may be necessary to loosen the four nuts mounting the transmission to the frame.

NOTE

Deck was removed for photographing.

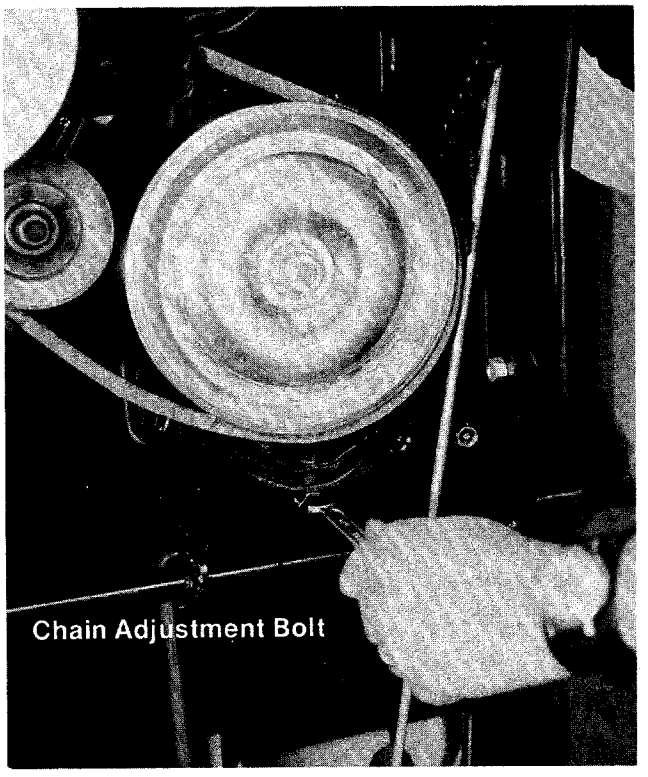


FIGURE 16. CHAIN ADJUSTMENT

BRAKE ADJUSTMENTS (See figure 17)

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

The brake is located by the right rear wheel inside the frame.

To adjust the brake, tighten the lock nut one-half turn and then test the brake.

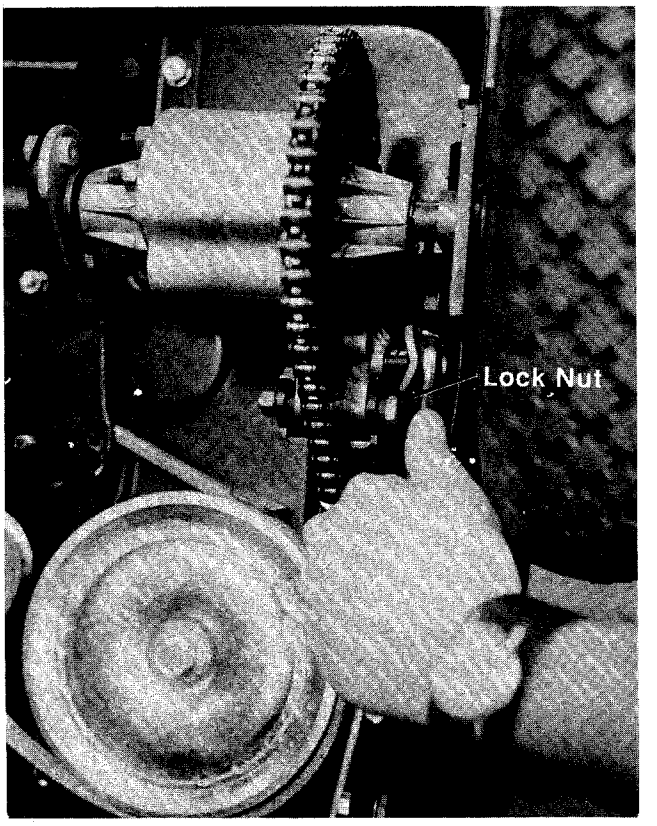


FIGURE 17. BRAKE ADJUSTMENT

NOTE

Deck was removed for photographing.

CLUTCH ROD ADJUSTMENT

1. With the engine off, release the clutch lock. See figure 18.
2. There should be 1/2" of space between the end of slot and clutch lock button. See figure 18.

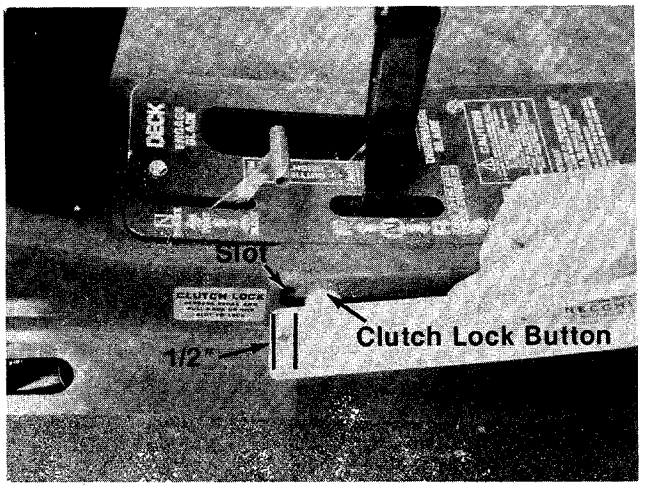


FIGURE 18.

3. If there is not, remove the ferrule and readjust. See figure 19.

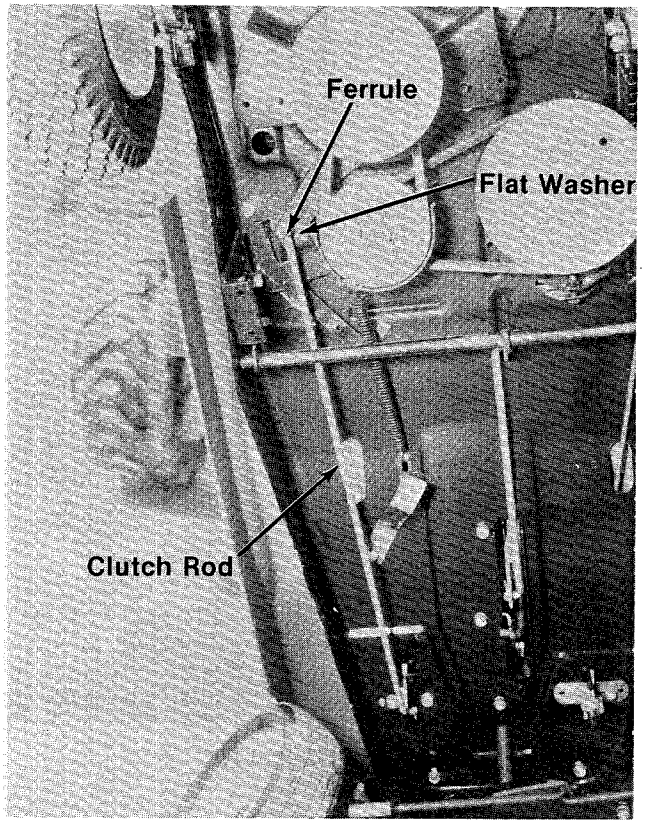


FIGURE 19.

LUBRICATION (See figure 20)

IMPORTANT

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

1. **Engine.** Maintain the engine oil according to the engine manual.
2. **Bearings.** The following bearings are oil impregnated and do not require lubrication. However, their normal life can be extended by lubricating them once a season with a light, non-detergent oil. A 4 oz. plastic bottle of light oil lubricant is available. Order part number 737-0170. Engine oil may also be used.
   a. King Pin Bearings (total 4 bearings)
   b. Rear Axle Bearings (total 3 bearings)
   c. Front Wheel Bearings (total 4 bearings)
3. **Throttle Control and Cable.** Wipe oiled rag along entire length of cable.
4. **Chain.** Wipe oiled rag along entire length of chain.

NOTE

Under extremely dusty conditions, do not oil the chain.

5. **Linkage.** Oil all deck linkage and height adjustment linkage.
6. **Transmission.** It is lubricated at the factory and does not require checking. Lubricate with 4 oz. of Lubriplate No. 310 if disassembled.
7. **Differential.** It is lubricated at the factory and does not require checking. Lubricate with 2 oz. of grease High Temp. 450°F. if disassembled. If ordered from the factory use Part No. 737-0120.
8. **Steering.** Lubricate at least once a season with oil.
9. **Variable Speed Pulley.** See page 22.

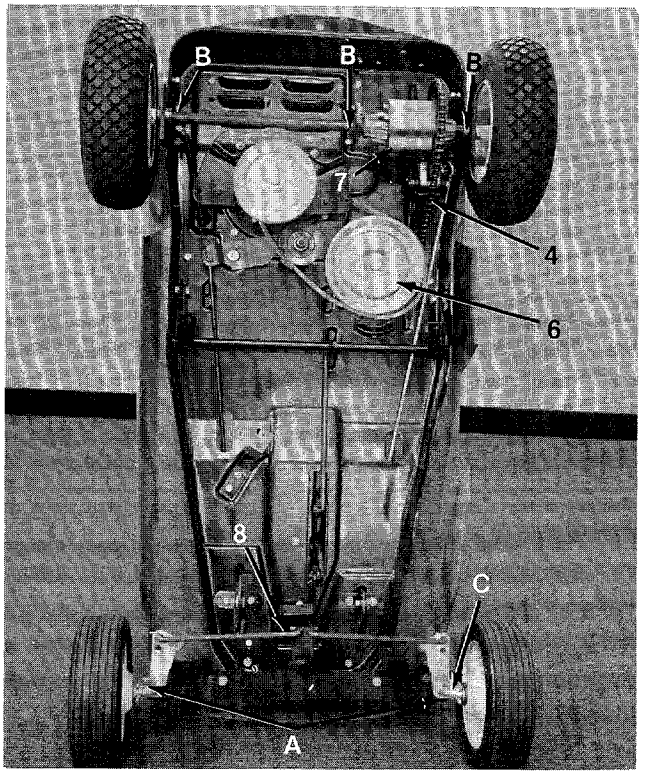


FIGURE 20. LUBRICATION POINTS

MAINTENANCE

CUTTING BLADE

A. Removal for Sharpening or Replacement

WARNING

Be sure to disconnect and ground the spark plug wire before working on the cutting blade to prevent accidental engine starting.

1. Remove the large bolt and lock washer which holds the blade and adapter to the blade spindle. See figure 21.
2. Remove the blade and adapter from the spindle. Be careful not to lose the key on 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. See figure 21.

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 and may cause damage to the mower.

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 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. Make certain key is in place on the blade spindle.

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.

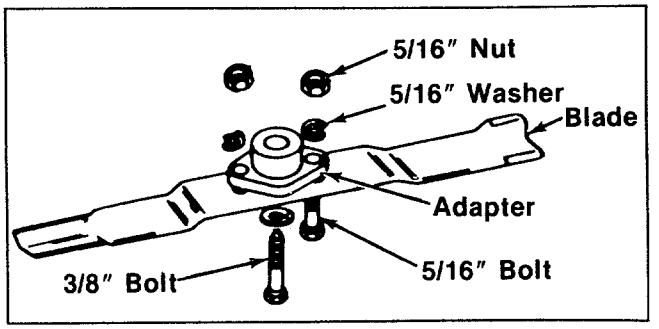


FIGURE 21. BLADE REMOVAL

MOWER DECK

The underside of the mower deck should be cleaned after each period of use as grass clippings, leaves, dirt and other matter will accumulate. This accumulation of grass clippings, etc., is undesirable as it will invite rust and corrosion and may cause an uneven discharge of grass clippings at the next mowing.

The deck may be cleaned by tilting the mower on its front wheels until the frame and the steering wheel supports the entire unit. Scrape clean with a suitable tool or by washing with a stream of water from a garden hose. Be sure to disconnect the spark plug wire and ground it while performing this maintenance.

NOTE

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

ENGINE OIL

Check oil level before starting engine and after every 5 hours of operation or each period of use. ADD oil as necessary to keep level FULL TO POINT OF OVERFLOWING. Engine should be in a level position when checking oil.

Change oil after first 5 hours of operation. Thereafter change every 25 hours. Change oil while engine is warm. Oil capacity 1¾ pints.

AIR CLEANER

Clean air cleaner and re-oil element 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. See figure 22.

1. Remove screw.
2. Remove air cleaner carefully to prevent dirt from entering carburetor.
3. Take air cleaner apart and clean.
   a. WASH foam element in kerosene or a liquid detergent and water to remove dirt.
   b. DRY foam completely by wrapping and squeezing in a cloth.
   c. SOAK foam with engine oil. Squeeze to distribute and remove excess oil.
4. Reassemble parts and fasten to carburetor.

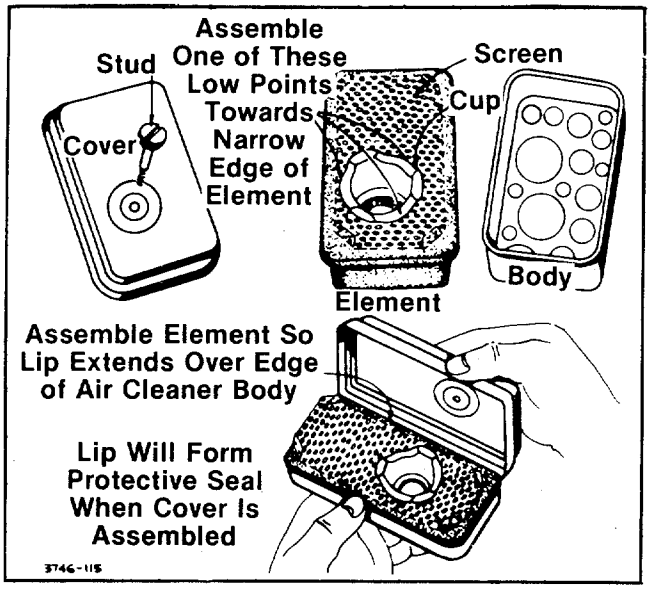


FIGURE 22.

SPARK PLUG

The spark plug should be cleaned and the gap reset to a 0.030-inch clearance once a season. Spark plug replacement is recommended at the start of each mowing season; check engine manual for correct plug type.

NOTE

Whenever the spark plug is removed for cleaning, it is advisable to replace the spark plug gasket with a new gasket.

BELT REMOVAL AND REPLACEMENT

Preparation

1. To prevent gasoline from leaking from the engine, remove the fuel tank cap, place a piece of thin plastic over the neck of the fuel tank and screw on the cap.
2. Disconnect the spark plug wire and ground it against the engine.
3. Tip the rider up on its front wheels and let it rest on the steering wheel.

To Remove the Deck Belt:

1. Put the lift and disengagement lever into the ENGAGED position.
2. Remove two belt keepers at the engine pulley. See figure 23.

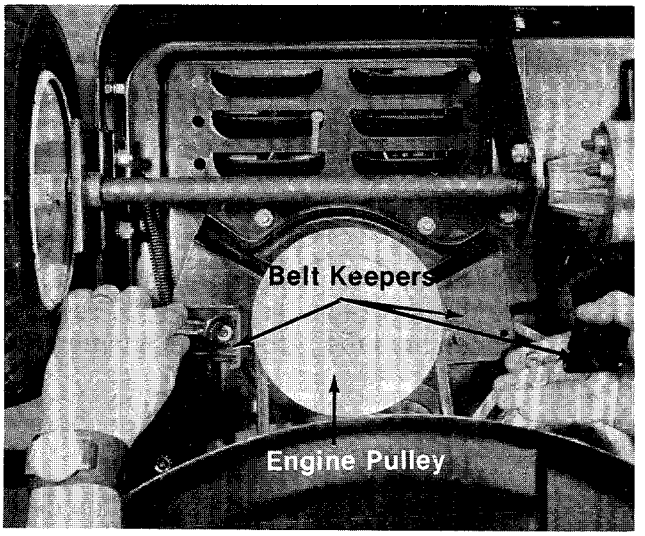


FIGURE 23. REMOVAL OF BELT KEEPERS

3. Remove two belt keepers at the deck pulley and shoulder bolt. See figures 24 and 25.
4. DISENGAGE the deck and move the deck towards the engine pulley by hand. Then unhook the belt from the engine pulley.

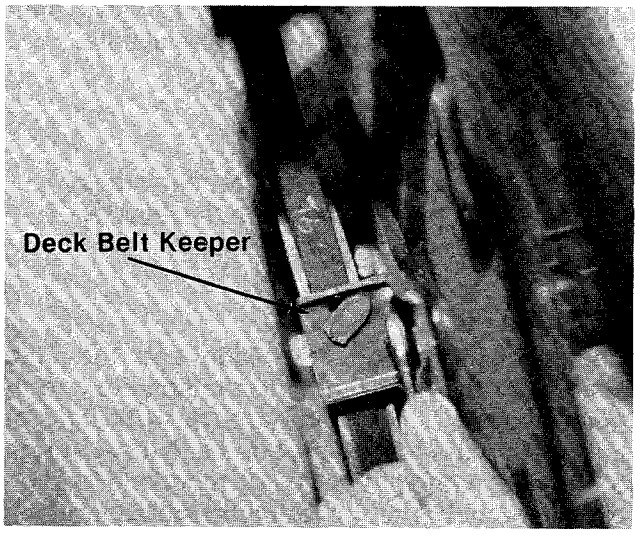


FIGURE 24. REMOVAL OF DECK BELT KEEPERS

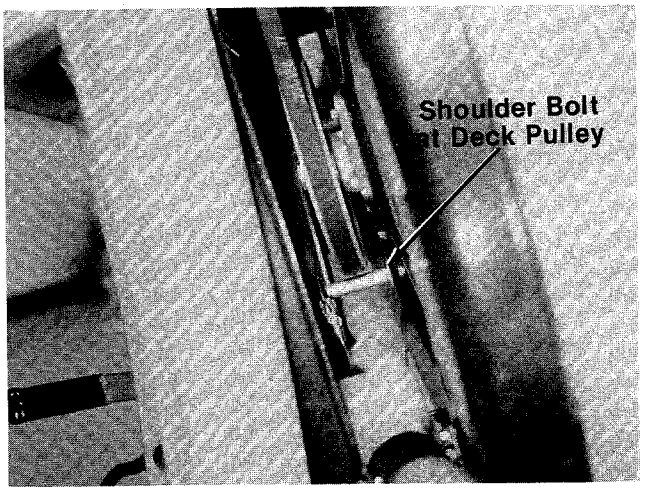


FIGURE 25. SHOULDER BOLT REMOVAL

5. ENGAGE the deck and remove the belt.

To Remove the Drive Belt:

1. Remove the two belt keepers at the engine pulley. DISENGAGE the deck and remove the belt.
2. ENGAGE the deck and unhook the deck springs.

CAUTION

Deck will drop when last bolt is removed in step 3.

3. Remove six hex screws, nuts and lock washers holding the deck. See figure 26.

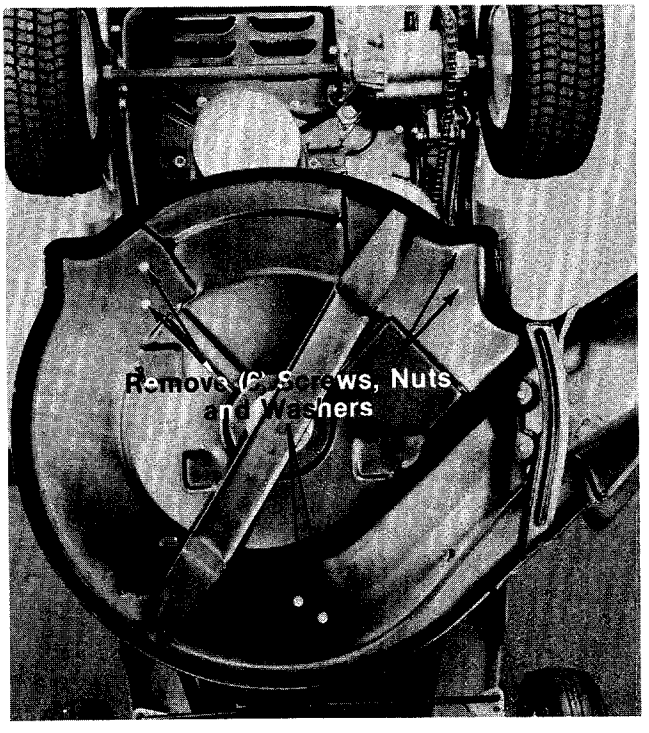


FIGURE 26. DECK REMOVAL

4. Remove the belt guard at the engine pulley. See figure 27.

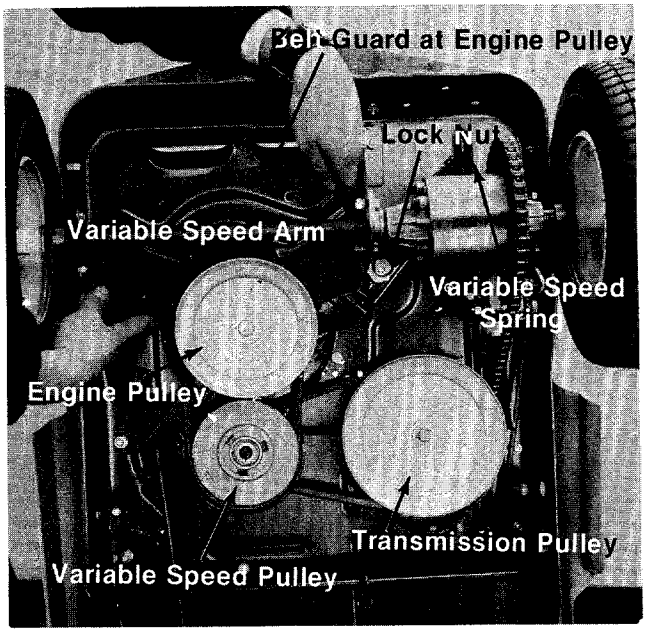


FIGURE 27. ENGINE BELT GUARD REMOVAL

5. Remove the nut and lock washers at the transmission pulley and variable speed pulley. See figure 27.
6. Remove the lock nut at the variable speed arm and lift off the spring. See figure 27.

NOTE

When reassembling the transmission pulley, place hub side up.

OFF-SEASON STORAGE

NOTE

Engines to be stored over 30 days should be completely drained of fuel to prevent gum deposits forming on essential carburetor parts, fuel filters, fuel lines and tank.

1. Remove all fuel from fuel tank. Run the engine until it stops from lack of fuel. The small amount of fuel that remains in the sump of the tank should then be removed by absorbing it with a clean, dry cloth.
2. While engine is still warm, drain oil from crankcase. Refill with fresh oil.
3. Remove spark plug, pour 1 ounce of SAE 30 oil into cylinder and crank slowly to distribute oil. To prevent accidental starting, DO NOT replace the spark plug.

4. Clean dirt and chaff from cylinder, cylinder head fins and blower housing.
5. Clean all grass from under side of deck.
6. Clean the air filter.
7. Place blocks under frame of mower so that the wheels are off the ground.
8. Cover all bare metal parts, such as the mowing edge of the blades, with grease to prevent rusting.
9. Cover the mower with a tarpaulin or other protective covering.

TROUBLE SHOOTING CHART FOR RECOIL START MODELS

CAUTION: ALWAYS DISCONNECT SPARK PLUG BEFORE ATTEMPTING ANY REMEDY.

TROUBLE	LOOK FOR	REMEDY
Engine will not start when recoil handle is pulled.	Clutch and blade not disengaged.	Clutch pedal must be depressed and blade must be shut off.
	Ignition key not in the ON position.	Turn on the ignition key.
	Throttle not in the starting position.	Check owner's guide for correct position for throttle control 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 the engine repaired at authorized engine service dealer. Faulty spark plug. To test, remove spark plug. Attach spark plug lead to spark plug. Ground spark plug body against the engine block. Crank the engine. The spark plug should fire at the electrode. Replace if it does not.
	No fuel to the carburetor.	Gasoline tank empty. Fill. Fuel valve shut off. Open valve. Valve is located either at the bottom of the fuel tank or on the carburetor. Fuel line is plugged. Remove and clean.
	Air filter dirty.	If the air cleaner is dirty, the engine may not start. Clean or replace as recommended by the engine manufacturer.
	Mechanical failure (wires or switch).	The interlock system includes two mechanical activated switches which are wired in parallel. If the buttons on both switches are not depressed at least 1/8", the magneto will be grounded and the engine will not start. 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. Disconnect the yellow wire where it attaches to the primary wire from the breaker assembly on the engine. Try to start the engine. If the **engine does not start,** the problem is in the engine (e.g. no fuel or no ignition). If the engine does start, the problem is in the safety system. Check the following: 1. The interlock wire may be grounded by being pinched or rubbing through the insulation. Tape or replace the wire. 2. The bolt on the flat spring behind the recoil starter where the yellow wire attaches must be insulated from the spring. Use a continuity tester. If it is not insulated, remove the bolt and nut, and replace the two fiber washers and reassemble.
Engine stops when the mower blade is engaged or the clutch is released.	Recoil handle is not in proper position.	After the engine starts, the recoil starter handle must be pushed into the dashboard and turned a quarter turn either direction to lock it in place.
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 spindles, blade adapters, keys and bolts for tightness or 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 too low.	Throttle must be set between 3/4 and full throttle.
	Transmission selection.	Use lower transmission gear. The slower your ground speed, the better the quality of cut.
	Blades short or dull.	Sharpen or replace blades (uncut strip problem only).

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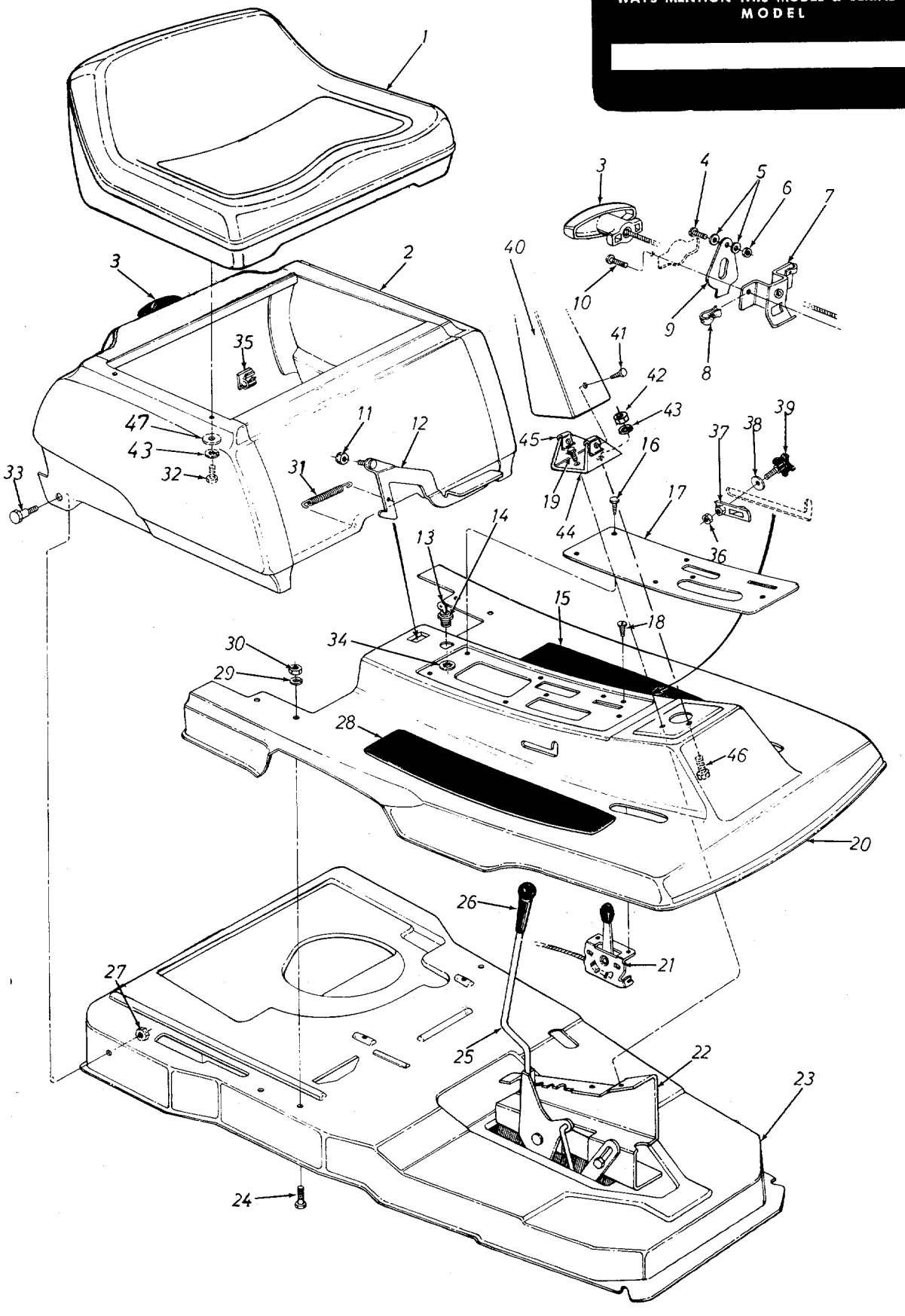
IF YOU WRITE TO US ABOUT THIS ARTICLE OR IF YOU ORDER REPLACEMENT PARTS ALWAYS MENTION THIS MODEL & SERIAL NO

MODEL



131-402A PARTS LIST FOR MAIN BODY MODEL 131-402A

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	757-0265		Seat—Comp.	
2	12131	—462	Cover Ass'y.	
3	11263		Plastic Handle	
4	710-0425		Truss Mach. Scr. #10-24 x .62" Lg.*	
5	736-0338		Fiber Wash.	
6	712-0121		Hex Nut #10-24 Thd.	
7	11053		Switch Brkt. Ass'y.	
8	712-0344		Speed Nut #10Z	
9	732-0257		Switch Spring	
10	710-0351		Truss Mach. B-Tapp. Scr. #10 x .50" Lg.*	
11	712-0429		Hex Ins. L-Nut 5/16-18 Thd.	
12	12144		Latch—Engine Cover	
13	725-0201		Ignition Key	
14	725-0464		Ignition Switch	
15	723-0241		Foot Pad	
16	710-0456		Hex Drilling Scr. #10 x .50" Lg.	
17	12175	—462	Cover Plate	
18	710-0227		Hex Wash. Hd. AB-Tap Scr. #8 x .50" Lg.	
19	710-0456		Hex Drilling Scr. #10 x .50" Lg.	
20	12128	—462	Floor Pan	
21	746-0239		Throttle Control—R.H.	
22	12150		Index and Support Brkt.	
23	12125	—462	Main Frame	
24	710-0198		Hex Sems Scr. 5/16-18 x .75" Lg.*	
25	12142		Deck Lift Handle Ass'y.	
26	720-0143		Grip	
27	712-0158		Hex Cent. L-Nut 5/16-18 Thd.	
28	723-0241		Foot Pad	
29	736-0119		L-Wash. 5/16" Scr.*	
30	712-0267		Hex Nut 5/16-18 Thd.*	
31	732-0118		Extension Spring	
32	710-0289		Hex Scr. ¼-20 x .50" Lg.*	
33	738-0155		Shld. Scr. .437 Dia. x .162	
34	736-0225		Int. L-Wash. 5/8 I.D.	
35	726-0141		Adjustment Clamp	
36	712-0158		Hex Cent. L-Nut 5/16-18 Thd.	
37	12166		Speed Control Bracket	
38	736-0219		Belleville Wash.	
39	720-0170		Hand Knob	
40	731-0262		Cover—Steering Column	
41	710-0224		AB-Tap Scr. #10 x .50" Lg.	
42	712-0287		Hex Nut 1/4-20 Thd.*	
43	736-0329		L-Wash. 1/4" Scr.*	
44	13912		Support Bracket	
45	712-0147		Speed Nut #10-24 Thd.	
46	710-0252		Hex Scr. 1/4-20 x .75" Lg.*	
47	736-0173		Flat Washer	

WHEEL CHART

FRONT WHEEL		REAR WHEEL	
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
734-0510	Wheel Ass'y.—Comp.	734-0522	Wheel Ass'y.—Comp.
10152	Rim with Hub Ass'y.	734-0517	Rim with Hub Ass'y.
748-0146	Bearing	734-0301	Tire Only 12.2 x 3.7
—	Hub Part of Rim	741-0199	Bearing
		—	Hub Part of Rim
		734-0255	Air Valve

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

(462—Red Flake) When ordering parts if color or finish is important, use color code shown at left. (e.g. Red Flake Finish—12131 (462).)

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."

NOTE

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

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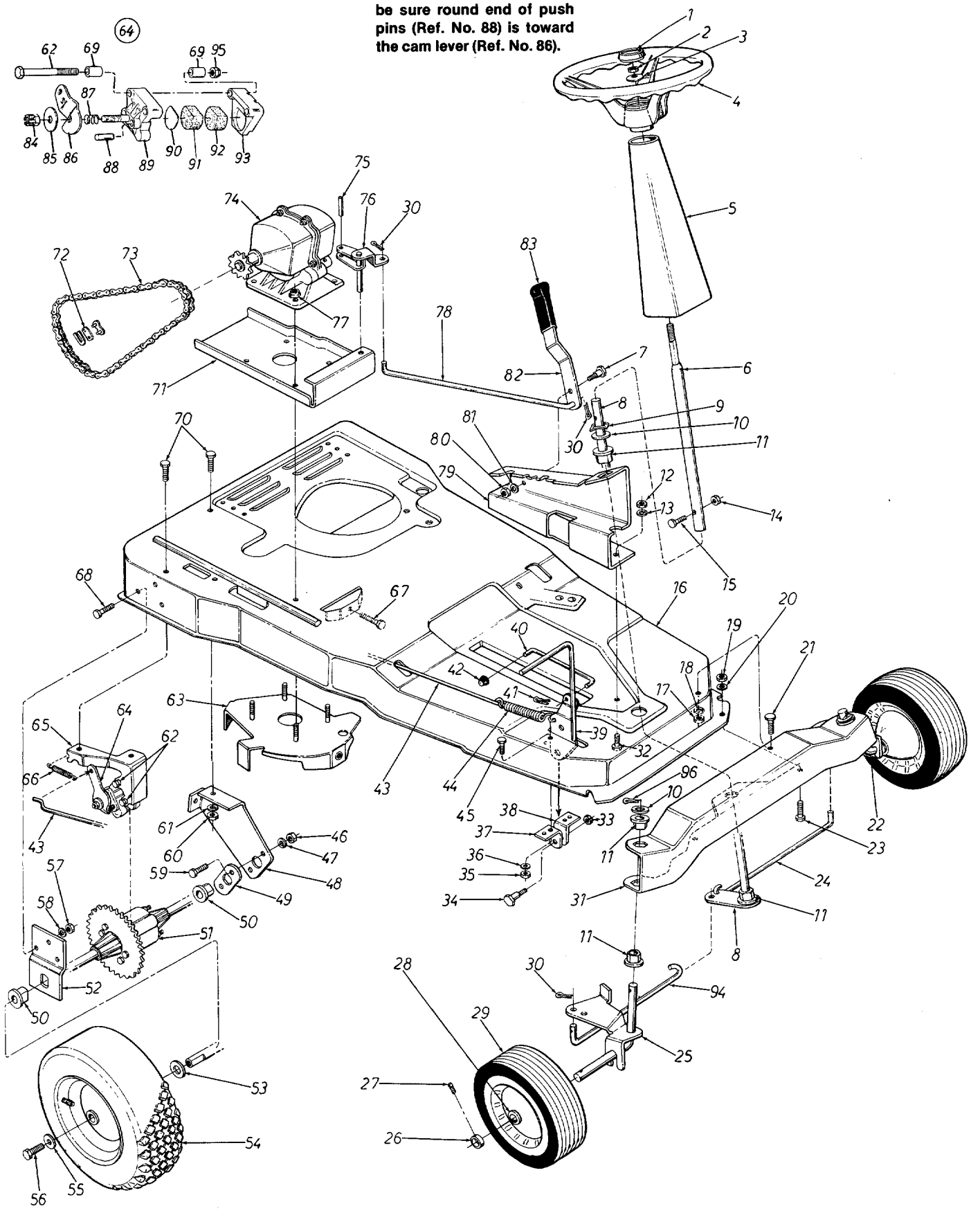
NOTE: If for any reason Disc Brake is disassembled, be sure round end of push pins (Ref. No. 88) is toward the cam lever (Ref. No. 86).



131-402A PARTS LIST FOR FRAME VIEW MODEL 131-402A

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	731-0220		Steering Wheel Cap	
2	712-0158		Hex Cent. L-Nut 5/16-18 Thd.	
3	736-0242		Belleville Wash.	
4	731-0219		Steering Wheel Ass'y.	
5	731-0262		Cover—Steering Column	
6	750-0233		Steering Tube Ass'y.	
7	738-0140		Shld. Scr. .437 Dia. x .180" Lg.	
8	12138		Steering Shaft Ass'y.	
9	712-0222		Push Speed Nut .62 Dia.	
10	736-0156		Fl-Wash. .635 I.D. x 1.120 O.D.	
11	748-0225		Hex Flange Brg. .630 I.D.	
12	712-0267		Hex Nut 5/16-18 Thd.*	
13	736-0119		L-Wash. 5/16" Scr.*	
14	712-0107		Hex Cent. L-Nut ¼-20 Thd.	
15	710-0106		Hex Bolt ¼-20 x 1.25" Lg.*	
16	12125		Main Frame	
17	712-0267		Hex Nut 5/16-18 Thd.*	
18	736-0119		L-Wash. 5/16" Scr.*	
19	712-0267		Hex Nut 5/16-18 Thd.*	
20	736-0119		L-Wash. 5/16" Scr.*	
21	710-0198		Hex Sems Scr. 5/16-18 x .75" Lg.*	
22	09709		Axle Ass'y.—Front—L.H.	
23	710-0198		Hex Sems Scr. 5/16-18 x .75" Lg.*	
24	747-0147		Tie Rod 3/8" Dia. L.H.	
25	09706		Axle Ass'y.—Front—R.H.	
26	711-0169		Collar	
27	710-0666		Sq. Hd. Set Scr. 5/16-18 x .38 Cup	
28	748-0146		Flange Brg. w/Flats .630 I.D.	
29	734-0510		Wheel Ass'y.—Front 10.25 x 3.25	
30	714-0507		Cotter Pin 3/32" Dia. x .75" Lg.*	
31	12151		Front Wheel Brkt.	
32	710-0198		Hex Sems Scr. 5/16-18 x .75" Lg.*	
33	712-0375		Hex Cent. L-Nut 3/8-16 Thd.	
34	738-0234		Shld. Scr. .500" Dia. x .295" Lg.	
35	712-0267		Hex Nut 5/16-18 Thd.*	
36	736-0119		L-Wash. 5/16" Scr.*	
37	12155		Pedal Pivot Brkt. w/½" Hole	
38	12156		Pedal Pivot Brkt. w/3/8" Hole	
39	12136		Brake Pedal Ass'y.	
40	12419		Pedal Lockout Rod 5/16" Rod	
41	714-0104		Int. Cotter Pin 5/16" Dia.*	
42	726-0109		Push Cap—.312 I.D.	
43	747-0128		Brake Rod ¼" Dia. x 25.25" Lg.	
44	732-0245		Brake Spring	
45	710-0198		Hex Sems Scr. 5/16-18 x .75 Lg.*	
46	712-0267		Hex Nut 5/16-18 Thd.*	
47	736-0119		L-Wash. 5/16" Scr.*	
48	12147		Rear Axle Support Brkt.	
49	10470		Bearing—Plate	
50	741-0199		Flange Brg. w/Flats .751 I.D.	
51	717-0328		Differential Ass'y.—Comp.	
52	12148		Axle Brkt.	
53	736-0134		Fl-Wash. .812 I.D. x 1.38 O.D.	
54	734-0522		Wheel Ass'y.—Comp. Rear 12.2 x 3.7	
55	736-0105		Belleville Wash. .400 I.D. x .88 O.D.	
56	710-0627		Hex Scr. 5/16-24 x .75" Lg.	
57	736-0119		L-Wash. 5/16" Scr.*	
58	712-0267		Hex Nut 5/16-18 Thd.*	
59	710-0198		Hex Sems Scr. 5/16-18 x .75" Lg.*	
60	712-0267		Hex Nut 5/16-18 Thd.*	
61	736-0119		L-Wash. 5/16" Scr.*	
62	710-0395		Hex Scr. 5/16-18 x 2.25" Lg.*	
63	09780		Belt Guard Ass'y.—Trans.	
64	761-0130		Disc Brake Ass'y.	
65	12145		Brake Brkt. Ass'y.	
66	732-0118		Ext. Spring	
67	710-0117		Hex Scr. 5/16-24 x 1.00" Lg. H.T.	
68	710-0198		Hex Sems Scr. 5/16-18 x .75" Lg.*	
69	761-0133		Spacer for Disc Brake	
70	710-0198		Hex Sems Scr. 5/16-18 x .75" Lg.*	
71	10247		Transmission Plate	
72	713-0723		#41 Master Link ½" Pitch Type II	
73	713-0190		#41 Chain ½" Pitch x 71 Links	
74	717-0223		Single Spd. Trans.—Comp.	
75	715-0103		Spring Pin Roll 1/8" x .75" Lg.	
76	12170		Shift Brkt. Ass'y.	
77	712-0429		Hex Ins. L-Nut 5/16-18 Thd.	
78	747-0136		Shift Rod	
79	12150		Index and Support Brkt.	
80	712-0267		Hex Nut 5/16-18 Thd.*	
81	736-0119		L-Wash. 5/16" Scr.*	
82	12169		Shift Lever	
83	720-0142		Grip—Flat Bar Type	
84	712-0134		Hex Top L-Nut 5/16-24 Thd.	
85	HH-03-03032		Wash. .349 I.D. x 1.004 O.D. x .066 Thk.	
86	HH-18-03493		Cam Lever 22°	
87	HH-06-03031		Spring—Compres. .350" Dia. x 4 Coils	
88	HH-05-03034		Push Pin .309" Dia. x .857" Lg.	
89	HH-12-03292		Casting—Cam	
90	HH-03-03303		Back-up Wash. 1.115" Dia. x .08 Thk. (D-Shaped)	
91	HH-15-02124		Pad—Friction (D-Shaped) 1.110" Dia. x .472 Thk.	
92	HH-15-03149		Pad Friction (D-Shaped) 1.110" Dia. x .245 Thk.	
93	HH-12-03293		Casting—Carrier	
94	747-0146		Tie Rod 3/8" Dia.—R.H.	
95	712-0158		Hex Cent. L-Nut 5/16-18 Thd.	

(462—Red Flake)

When ordering parts, if color or finish is important use the appropriate color code shown above. (e.g. Red Flake Finish—12131 (462).)

*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.

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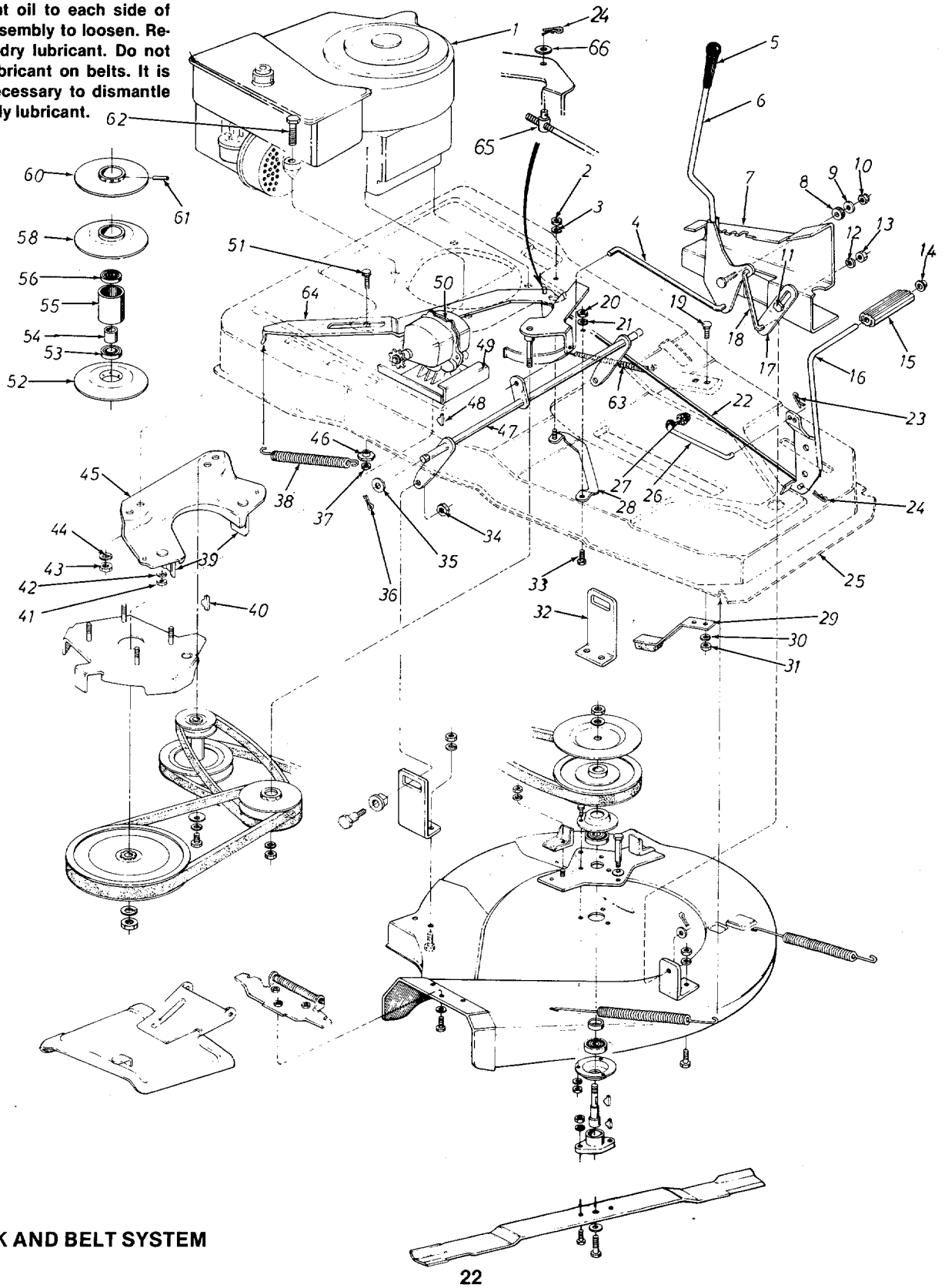
NOTE: If mower fails to respond to speed control lever, it is possible that the variable speed pulley is seizing. Apply a few drops of light oil to each side of the assembly to loosen. Reapply dry lubricant. Do not get lubricant on belts. It is not necessary to dismantle to apply lubricant.



DECK AND BELT SYSTEM

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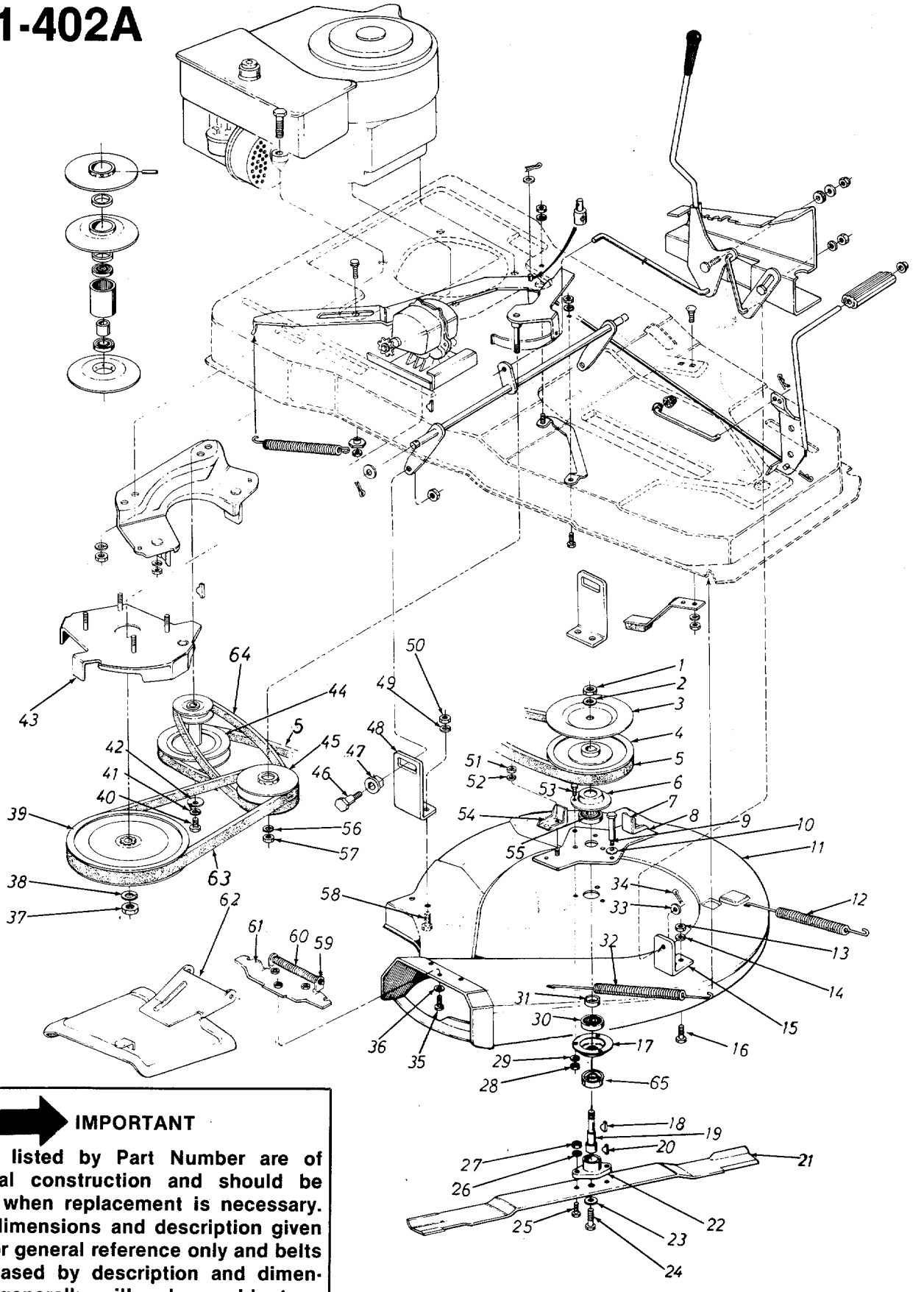
PARTS LIST FOR DECK AND BELT SYSTEM
MODEL 131-402A

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	—		Engine	
2	712-0798		Hex Nut 3/8-16 Thd.*	
3	736-0217		L-Wash. 3/8" Scr. H.D.	
4	747-0127		Lift Handle Rod 3/8" Dia.	
5	720-0143		Grip	
6	12142		Deck Lift Handle Ass'y.	
7	12150		Index and Support Brkt.	
8	735-0126		Rubber Washer	
9	736-0101		Fl-Wash. .406 I.D. x 1.00 O.D. x .030	
10	712-0116		Hex L-Nut 3/8-24 Thd.	
11	738-0183		Shoulder Scr.	
12	736-0217		L-Wash. 3/8" Scr. H.D.	
13	712-0798		Hex Nut 3/8-16 Thd.*	
14	726-0221		Push Cap ½" I.D.	
15	731-0142		Foot Pedal Bar	
16	12133		Clutch Pedal Ass'y.	
17	12152		Deck Hanger Link	
18	747-0125		Deck Lift Rod 3/8" Dia.	
19	710-0167		Carriage Bolt ¼-20 x .50" Lg.*	
20	712-0267		Hex Nut 5/16-18 Thd.*	
21	736-0119		L-Wash. 5/16" Scr.*	
22	747-0316		Clutch Rod	
23	714-0104		Hairpin Cotter	
24	714-0104		Hairpin Cotter	
25	12125		Main Frame	
26	12419		Pedal Lockout Rod 5/16"	
27	726-0109		Push Cap—.312 I.D.	
28	10173		Bracket Guide Ass'y.	
29	761-0148		Blade Brake Ass'y. 1.38 Height	
30	736-0329		L-Wash. ¼" Scr.*	
31	712-0287		Hex Nut ¼-20 Thd.*	
32	12154		Rear Deck Brkt.	
33	710-0198		Hex Sems Scr. 5/16-18 x .75" Lg.*	
34	712-0158		Hex Cent. L-Nut 5/16-18 Thd.	
35	736-0116		Fl-Wash. .635 I.D. x .93 O.D.	
36	714-0507		Cot. Pin 3/32 Dia. x .75" Lg.*	
37	712-0429		Hex Ins. L-Nut 5/16-18 Thd.	
38	732-0192		Spring—Variable Speed	
39	12160		Belt Keeper Ass'y.	
40	714-0365		#6 Hi-Pro Key 5/32 x 5/8" Dia.	
41	712-0267		Hex Nut 5/16-18 Thd.*	
42	736-0119		L-Wash. 5/16" Scr.*	
43	712-0267		Hex Nut 5/16-18 Thd.*	
44	736-0119		L-Wash. 5/16" Scr.*	
45	10423		Belt Guard—Cup Ass'y.	
46	711-0404		Shoulder Nut	
47	12139		Deck Lift Shaft Ass'y.	
48	714-0129		#4 Hi-Pro Key 3/32 x 5/8" Dia.	
49	10247		Transmission Plate	
50	717-0223		Trans. Ass'y.—Comp.	
51	710-0322		Hex Sems Scr. 5/16-18 x 1.00" Lg.*	
52	—		(Not replaceable in service)	
53	741-0139		Ball Brg. .50 I.D. x 1.38 O.D.	
54	750-0146		Spacer .520 I.D. x .692 O.D.	
55	—		(Not replaceable in service)	
56	741-0139		Ball Brg. .50 I.D. x 1.30 O.D.	
58	748-0181		Moveable Sheave Ass'y.	
60	—		(Not replaceable in service)	
61	715-0124		Spring Pin Spir. 5/32" Dia. x .62" Lg.	
62	710-0442		Hex Scr. 5/16-18 x 1.50" Lg.*	
63	732-0233		Extension Spring	
64	09785		Vari. Spd. Brkt. Ass'y.	
65	711-0392		Ferrule	
66	736-0264		Flat Washer	

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

(462—Red Flake) When ordering parts if color or finish is important, use color code shown at left. (e.g. Red Flake Finish—12131 (462).)

131-402A



IMPORTANT

Belts listed by Part Number are of special construction and should be used when replacement is necessary. The dimensions and description given are for general reference only and belts purchased by description and dimension generally will only provide temporary service.

DECK AND BELT SYSTEM

131-402A

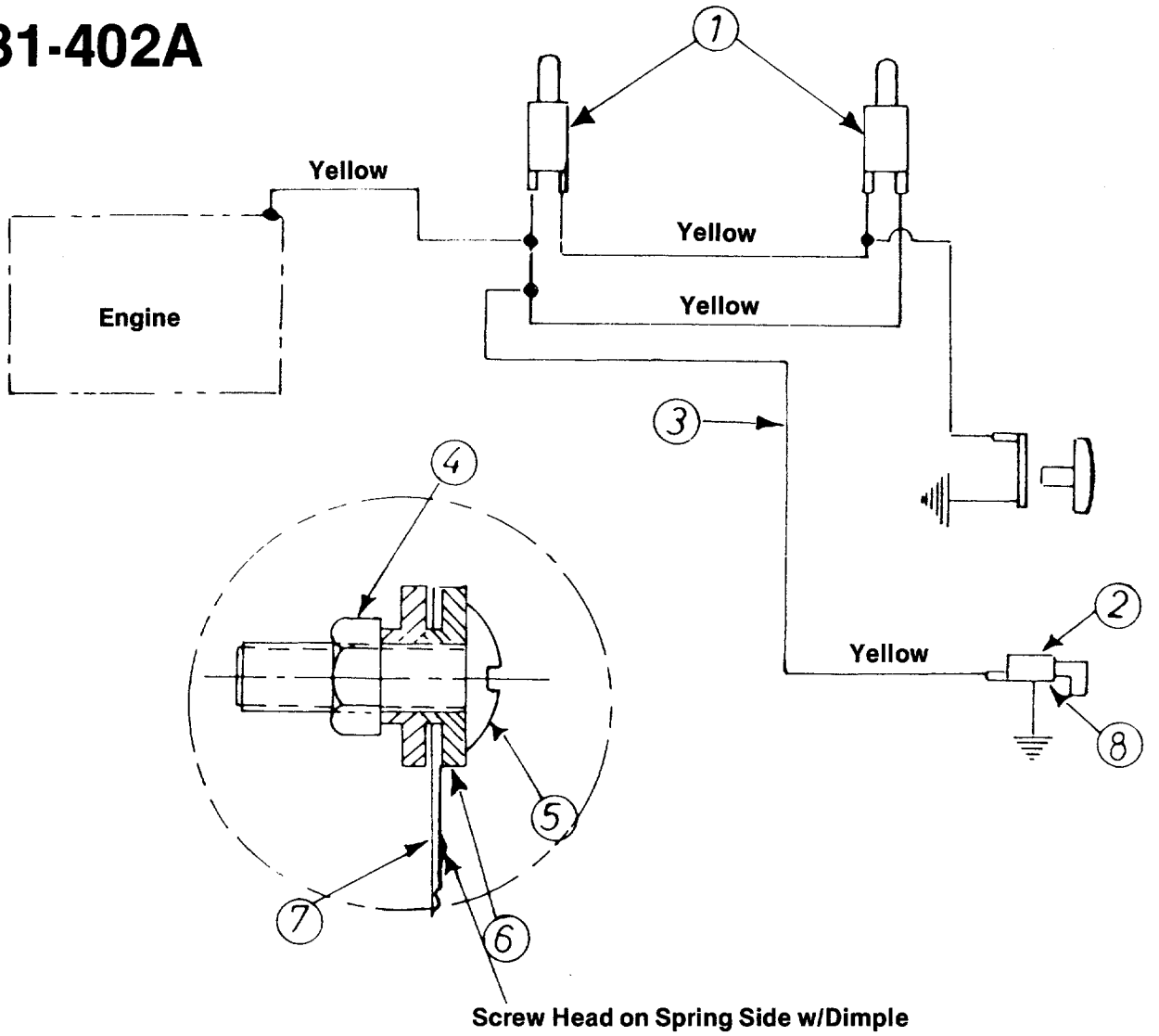
PARTS LIST FOR DECK AND BELT SYSTEM
MODEL 131-402A

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	712-0261		Hex Cent. L-Nut 5/8-11 Thd.	
2	736-0158		Fl-Wash. 5/8" Scr.*	
3	11073		Brake Disc	
4	756-0143		Split Pulley .63 I.D.	
5	754-0188		V-Belt 21/32 x 51" Lg.	
6	08253		Housing—Bearing	
7	12172		Belt Keeper Ass'y.	
8	11537		Belt Guard Plate Ass'y.	
9	738-0129		Shld. Scr. .498 Dia. x 2.005	
10	736-0105		Belleville Wash. .400 I.D. x .88 O.D.	
11	12157		26" Deck Ass'y.	
12	732-0153		Spring .75 O.D. x 8.65" Lg.	
13	712-0267		Hex Nut 5/16-18 Thd.*	
14	736-0119		L-Wash. 5/16" Scr.*	
15	12153		Front Deck Brkt.	
16	710-0198		Hex Sems Scr. 5/16-18 x .75" Lg.*	
17	08253		Housing—Bearing	
18	714-0388		#61 Hi-Pro Key 3/16 x 5/8" Dia.	
19	711-0405		Blade Spindle	
20	714-0365		#6 Hi-Pro Key 5/32 x 5/8 Dia.	
21	742-0147		26" Blade	
22	10769		Blade Adapter Kit	
23	736-0217		L-Wash. 3/8" Scr. H.D.	
24	710-0459		Hex Scr. 3/8-24 x 1.50" Lg. H.T.	
25	710-0117		Hex Scr. 5/16-24 x 1.00" Lg. H.T.	
26	736-0119		L-Wash. 5/16" Scr.*	
27	712-0123		Hex Nut 5/16-24 Thd.*	
28	712-0267		Hex Nut 5/16-18 Thd.*	
29	736-0119		L-Wash. 5/16" Scr.*	
30	741-0919		Ball Bearing	
31	750-0142		Spacer	
32	732-0153		Spring .75 O.D. x 8.65" Lg.	
33	736-0185		Fl-Wash. .406 I.D. x .734 O.D. x .063	
34	714-0507		Cot. Pin 3/32" Dia. x .75" Lg.	
35	710-0195		Hex Scr. ¼-28 x .62" Lg.*	
36	736-0329		L-Wash. ¼" Scr.*	
37	712-0922		Hex Jam Nut ½-20 Thd.*	
38	736-0921		L-Wash. ½" Scr.*	
39	756-0174		Transmission Pulley .500 I.D.	
40	710-0151		Hex Scr. 3/8-24 x 2.00" Lg.*	
41	736-0217		L-Wash. 3/8" Scr. H.D.	
42	711-0572		Step Washer	
43	09780		Trans. Belt Guard Ass'y.	
44	756-0208		Two-Step Engine Pulley	
45	10438		Vari. Spd. Pulley Ass'y.	
	12168		Vari. Spd. Pulley and Brkt. Ass'y.—Comp.	
46	738-0141		Shld. Scr. .437 Dia. x .350	
47	748-0180		Pivot Slide	
48	12154		Rear Deck Brkt.	
49	736-0119		L-Wash. 5/16" Scr.*	
50	712-0267		Hex Nut 5/16-18 Thd.*	
51	712-0267		Hex Nut 5/16-18 Thd.*	
52	736-0119		L-Wash. 5/16" Scr.*	
53	710-0322		Hex Sems Scr. 5/16-18 x 1.00" Lg.*	
54	11823		Belt Keeper Ass'y.	
55	741-0919		Ball Bearing	
56	736-0921		L-Wash. ½" Scr.*	
57	712-0384		Hex Cent. L-Nut ½-13 Thd.	
58	710-0198		Hex Sems Scr. 5/16-18 x .75" Lg.*	
59	726-0106		Push Cap ¼" Dia.	
60	732-0261		Torsion Spring	
61	11399		Adapter Ass'y.	
62	11634		Chute Cover Ass'y.—Comp.	
63	754-0136		V-Belt 21/32 x 31" Lg.	
64	754-0187		V-Belt 21/32 x 24" Lg.	
65	13703		Bearing Shield	

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

(462—Red Flake) When ordering parts if color or finish is important, use color code shown at left. (e.g. Red Flake Finish—12131 (462).)

131-402A

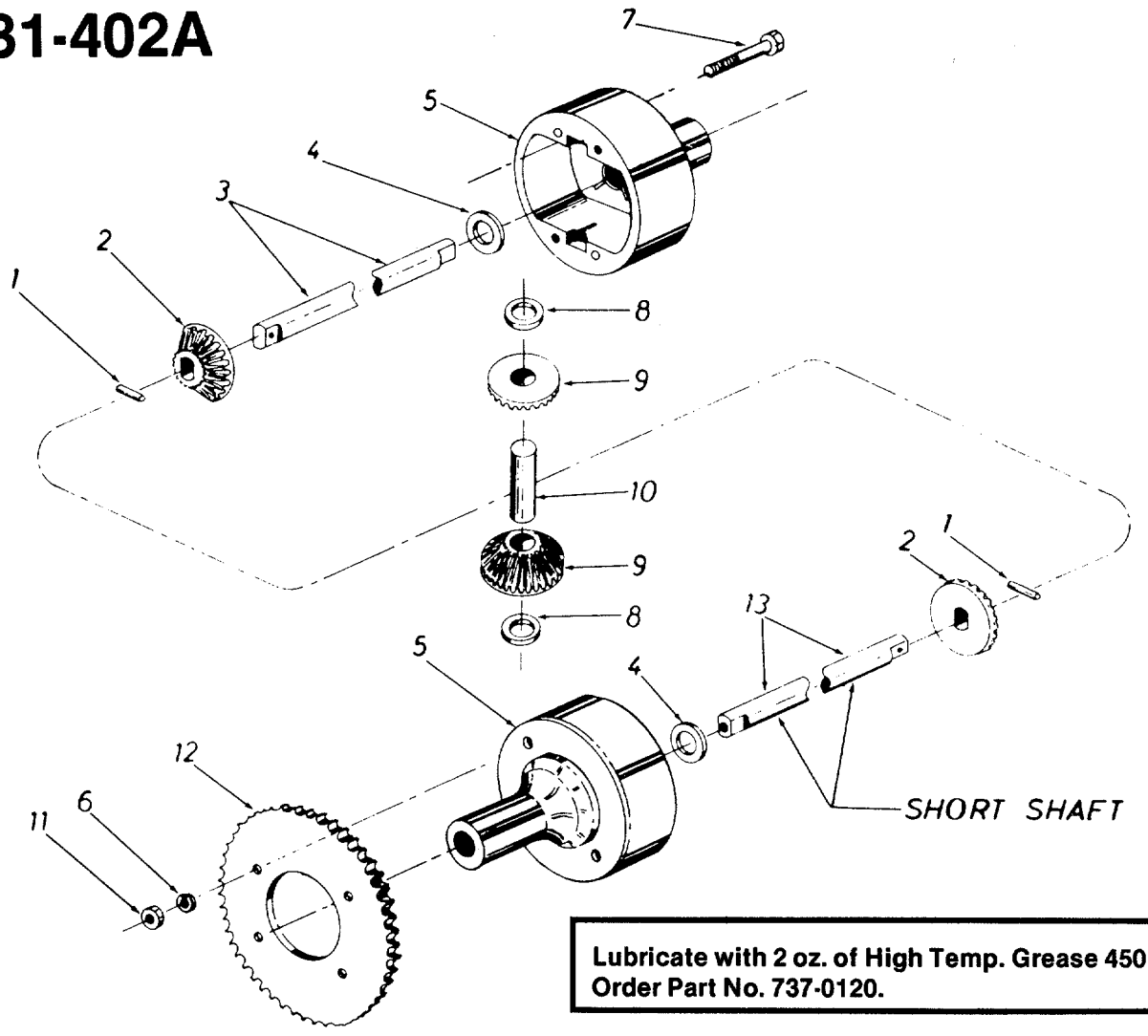


PARTS LIST FOR SCHEMATIC MODEL 131-402A

REF. NO.	PART NO.	DESCRIPTION	NEW PART
1	725-0269	Safety Switch Norm Closed—Red	
	725-0379	Safety Switch	
2	725-0464	Magneto Ignition Switch	
	725-0201	Ignition Key	
3	725-0407	Wire Harness	
4	712-0121	Hex Nut #10-24	
5	710-0425	Truss Mach. Scr. #10-24 x .62	
6	736-0338	Fiber Washer	
7	732-0257	Switch Spring	
8	736-0225	Internal L-Wash. 5/8 I.D.	

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

131-402A



Lubricate with 2 oz. of High Temp. Grease 450°F. Order Part No. 737-0120.

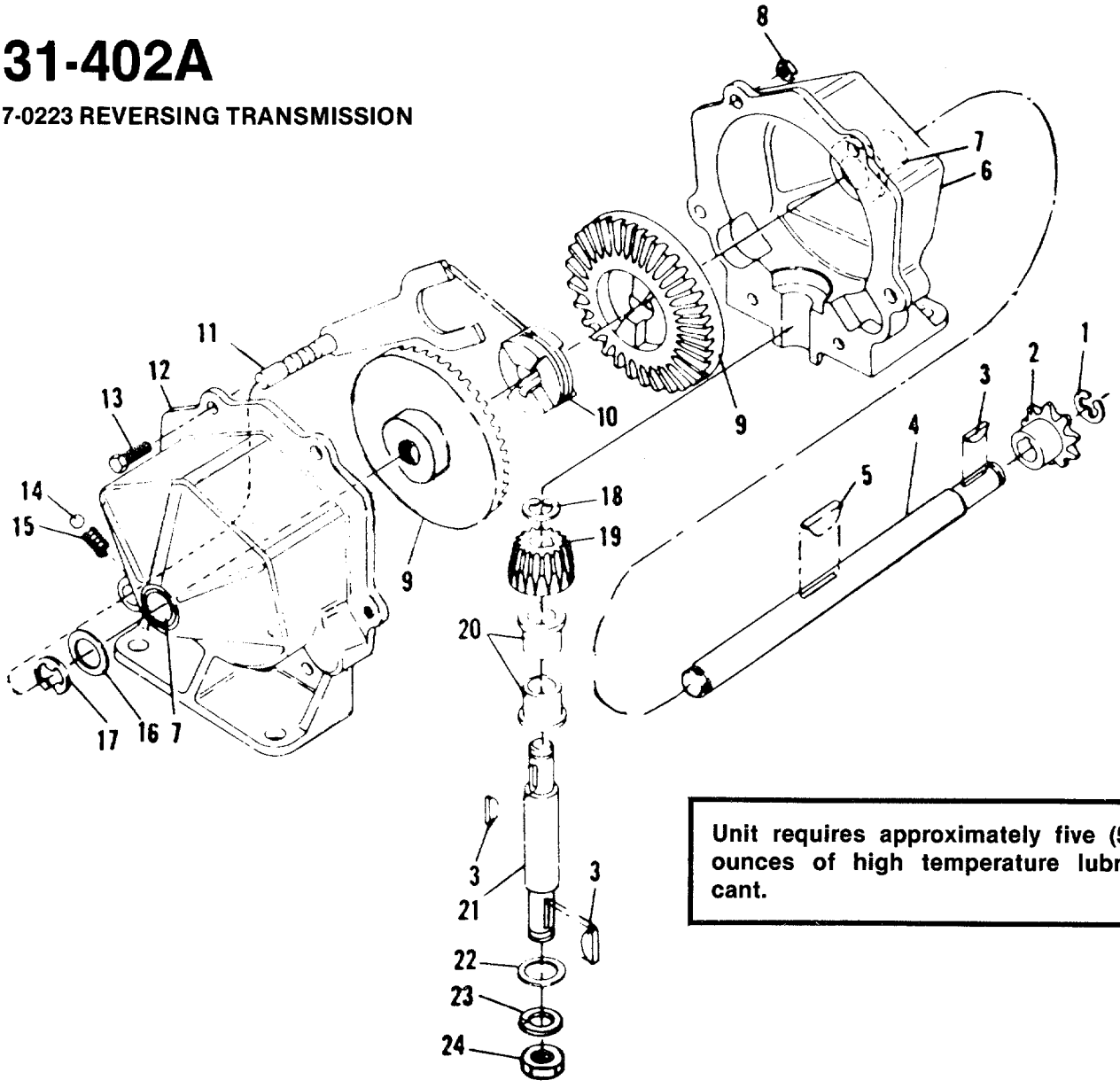
PARTS LIST FOR DIFFERENTIAL ASSEMBLY 717-0328

REF. NO.	PART NO.	Qty. Req'd.	DESCRIPTION	NEW PART
1	715-0247	2	Spring Pin Spir. 3/16" Dia. x 1.00" Lg.	
2	748-0185	2	Gear—Double "D" Hole	
3	738-0300	1	Shaft—Long 19.31" Lg.	
4	736-0188	2	Fl-Wash. .760 I.D. x 1.49 O.D.	
5	717-0341	2	Housing Half	
6	736-0119	2	L-Wash. 5/16" Scr.*	
7	710-0363	2	Hex Scr. 5/16-24 x 4.00" Lg.*	
8	736-0187	2	Fl-Wash. .640 I.D. x 1.24 O.D.	
9	748-0158	2	Gear—Round Hole	
10	711-0276	1	Drive Pin	
11	712-0237	2	Hex Cent. L-Nut 5/16-24 Thd.	
12	09054	1	Sprocket—40 Tooth	
13	738-0301	1	Shaft—Short 7.07" Lg.	

*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.

131-402A

717-0223 REVERSING TRANSMISSION



Unit requires approximately five (5) ounces of high temperature lubricant.

PARTS LIST FOR REVERSING TRANSMISSION 717-0223

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	716-0104		E-Ring for .500" Dia. Shaft		14	741-0862		Detent Ball	
2	748-0852		Sprocket 8 Tooth		15	732-0863		Detent Spring	
3	714-0129		#4 Hi-Pro Key 3/32 x 5/8" Dia.		16	736-0116		Fl-Wash. .635 I.D. x .93 O.D.	
					17	716-0106		E-Ring for .625" Dia. Shaft	
4	711-0854		Output Shaft		18	716-0865		Snap Ring for .500" Dia. Shaft	
5	714-0126		#9 Hi-Pro Key 3/16 x ¾" Dia.						
6	717-0123		Trans. Case—L.H. Comp.		19	748-0866		Pinion Gear	
7	748-0855		Flange Brg.		20	748-0867		Bearing .627 I.D.	
8	712-0117		Hex Centerlock ¼-28*		21	738-0159		Pinion Shaft	
9	748-0856		Bevel Gear		22	736-0192		Fl-Wash. .531 I.D. x .93 O.D.	
10	08583	—310	Clutch Collar		23	736-0921		Spring L-Wash. ½" Scr.*	
11	0858	—310	Shift Yoke Ass'y.		24	712-0922		Hex Jam Nut ½-20 Thd.*	
12	717-0124		Trans. Case—R.H.—Comp. (With Detent Hole)		25	737-0120		Grease—High Temp. 450°F (5 oz.)	
13	710-0195		Hex Hd. Cap Scr. ¼-20 x .62" Lg.*		26	717-0223		Transmission Complete	

*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.

PARTS INFORMATION

POWER EQUIPMENT PARTS AND SERVICE

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

BRIGGS AND STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

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

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

ALABAMA	**BIRMINGHAM**	
Auto Electric & Carburetor Co.	2625 4th Ave. S.	35233
ARKANSAS	**FORT SMITH**	
Mity Mite Motors, Inc.	4515 S. 16th St.	72901
	NORTH LITTLE ROCK	
Sutton's Lawn Mower Shop	Rt. 4, Box 368	72117
CALIFORNIA	**PORTERVILLE**	
Billious	75 North D Street	93257
	SAN FRANCISCO	
J.W. Jewett Co.	981 Folsom St.	94107
COLORADO	**DENVER**	
Spitzer Industrial Products Co.	Box 59, 43 W. 9th Ave.	80201
FLORIDA	**JACKSONVILLE**	
Radco Distributors	4909 Victor St. Box 5459	32207
	OPA LOCKA	
Small Eng. Dist.	2351 N.W. 147th St.	33054
GEORGIA	**EAST POINT**	
East Point Cycle & Key	2834 Church St.	30344
ILLINOIS	**LYONS**	
Keen Edge Co.	8615 Ogden Ave.	60534
INDIANA	**ELKHART**	
Parts & Sales Inc.	2101 Industrial Pkwy.	46514
IOWA	**DUBUQUE**	
Power Lawn & Garden Equip.	2551 J.F. Kennedy	52001
LOUISIANA	**NEW ORLEANS**	
Suhren Engine Co.	8330 Earhart Blvd.	70118
MARYLAND	**TAKOMA PARK**	
Center Supply Co.	6867 New Hampshire Ave.	20012
MASSACHUSETTS	**SPRINGFIELD**	
Morton B. Collins Co.	300 Birnie Ave.	01107
MICHIGAN	**LANSING**	
Lorenz Service Co.	2500 S. Pennsylvania	48910
	MOUNT CLEMENS	
Power Equipment Dist.	36463 South Gratiot	48043
MINNESOTA	**HOPKINS**	
Hance Distributing Inc.	420 Excelsior Ave. W.	55343
MISSISSIPPI	**BILOXI**	
Biloxi Sales & Service, Inc.	506 Caillavet St.	39533
MISSOURI	**KANSAS CITY**	
Automotive Equip. Service	3117 Holmes St.	64109
	ST. JOSEPH	
Ross-Frazier Supply Co.	8th and Monterey	64503
	ST. LOUIS	
Henzler, Inc.	2015 Lemay Ferry Road	63125
NEW JERSEY	**BELLMAWR**	
Lawnmower Parts Inc.	717 Creek Rd.	08030
NEW YORK	**CARTHAGE**	
Gamble Dist., Inc.	West End Ave.	13619
NORTH CAROLINA	**GOLDSBORO**	
Smith Hardware Co.	515 N. George St.	27530
	GREENSBORO	
Dixie Sales Company	335 N. Green	27402
OHIO	**CARROLL**	
Stebe's Mid-State Mower Supply	Box 366, 71 High St.	43112
	CLEVELAND	
Bleckrie, Inc.	7900 Lorain Ave.	44102
	WADSWORTH	
National Central	687 Seville Rd.	44281
	YOUNGSTOWN	
Burton Supply Co.	1301 Logan Ave. Box 929	44501
OKLAHOMA	**MUSKOGEE**	
Victory Motors, Inc.	605 S. Cherokee	74401
	OKLAHOMA CITY	
Forest Sales Inc.	6415 N. Olie	73116
OREGON	**PORTLAND**	
Kenton Supply Co.	8216 N. Denver Ave.	97217
PENNSYLVANIA	**CHESTER**	
Stull Equipment Corp.	742 W. Front St.	19013
	HARRISBURG	
EECO Inc.	4021 N. 6th St.	17110
	PHILADELPHIA	
Thompson Rubber Co.	5222-24 N. Fifth St.	19120
	PITTSBURGH	
Bluemont Co.	11125 Frankstown Rd.	15235
	PUNXSUTAWNEY	
Frank Roberts & Sons	R.D. 2	15767
TENNESSEE	**KNOXVILLE**	
Master Repair Service	2000 Western Ave.	37921
	MEMPHIS	
American Sales & Service, Inc.	3035-43 Bellbrook	38116
TEXAS	**DALLAS**	
Marr Brothers, Inc.	423 E. Jefferson	75203
	FORT WORTH	
Woodson Sales Corp.	1702 N. Sylvania	76111
	HOUSTON	
Bullard Supply Co.	2409 Commerce St.	77003
	SAN ANTONIO	
Catto & Putty, Inc.	414 Live Oak	78298
UTAH	**SALT LAKE CITY**	
A-1 Engine & Mower Co.	437 E. 9th St.	84111
VERMONT	**BURLINGTON**	
Vermont Hdwe. Co. Inc.	180 Flynn Ave.	05401
VIRGINIA	**RICHMOND**	
RBI Corp.	963 Myers St.	23260
WASHINGTON	**SEATTLE**	
Bailey's Inc.	1414 14th Ave.	98102
WEST VIRGINIA	**CHARLESTON**	
Young's, Inc.	233 Virginia St., E.	25301
WISCONSIN	**MARSHFIELD**	
Power Pac	301 E. 29th St.	54449

WARRANTY PARTS AND SERVICE POLICY

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