

Owner's Operating Service Instruction Manual

10¢

**Model No.
136-445A**

- **ASSEMBLY**
- **OPERATION**
- **REPAIR PARTS**

34" RIDING MOWER

IMPORTANT

It is suggested that this manual be read in its entirety before attempting to assemble or operate. Keep this manual in a safe place for future reference and for ordering replacement parts.

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

SAFE OPERATION PRACTICES FOR RIDING VEHICLES

1. Know the controls and how to stop quickly—**READ THE OWNER'S MANUAL.**
2. Do not allow children to operate vehicle. Do not allow adults to operate it without proper instruction.
3. Do not carry passengers. **Keep children and pets a safe distance away.**
4. Clear work area of objects which might be picked up and thrown.
5. Disengage all attachment clutches and shift into neutral before attempting to start engine.
6. Disengage power to attachment(s) and stop engine before leaving operator position.
7. Disengage power to attachment(s) and stop engine before making any repairs or adjustments.
8. Disengage power to attachment(s) when transporting or not in use.
9. 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.
10. Do not stop or start suddenly when going uphill or downhill. Mow up and down face of steep slopes; never across the face.
11. Reduce speed on slopes and in sharp turns to prevent tipping or loss of control. Exercise extreme caution when changing direction on slopes.
12. Stay alert for holes in terrain and other hidden hazards.
13. Use care when pulling loads or using heavy equipment.
 - A. Use only approved drawbar hitch points.
 - B. Limit loads to those you can safely control.
 - C. Do not turn sharply. Use care when backing.
 - D. Use counterweight(s) or wheel weights when suggested in owner's manual.
14. Watch out for traffic when crossing or near roadways.
15. When using any attachments never direct discharge of material toward bystanders nor allow anyone near vehicle while in operation.
16. 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.
17. Keep the vehicle and attachments in good operating condition, and keep safety devices in place. Use guards as instructed in owner's manual.
18. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
19. Never store the equipment with gasoline in the tank inside a building where fumes may reach an open flame or spark. Allow engine to cool before storing in any enclosure.
20. To reduce fire hazard keep engine free of grass, leaves or excessive grease.
21. The vehicle and attachments should be stopped and inspected for damage after striking a foreign object, and the damage should be repaired before restarting and operating the equipment.
22. Do not change the engine governor settings or overspeed the engine.
23. When using the vehicle 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 engine off when removing grass catcher and/or unclogging chute.
 - (4) Check blade mounting bolts for proper tightness at frequent intervals.
24. Check grass catcher bags frequently for wear or deterioration. Replace with new bags for safety protection.

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GRASS CATCHER Model No. 196-015A 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. 764-0121.



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.

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.

ASSEMBLY



NOTE

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



NOTE

Reference to Left or Right side of machine is from the operator's position in the seat facing forward.

The Riding Mower, except the steering assembly, seat and battery, is fully assembled, packed and shipped in one container.

Assembling the Steering

1. Place the extension over the steering column on the dash board. (See figure 1.)

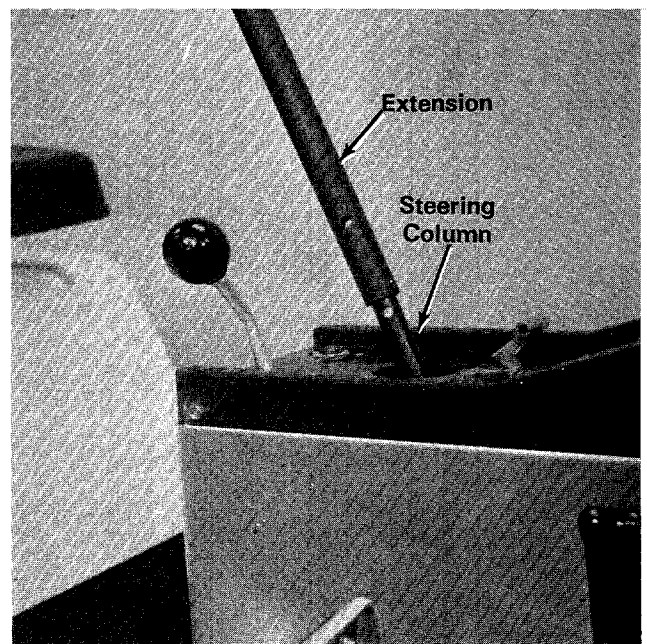


Figure 1

2. Line up the hole in the extension with the hole in the steering column and drive in the roll pin with a hammer. (See figure 2.)
3. Place the large chrome tube over the extension being sure it is seated on the bottom. (See figure 3.)

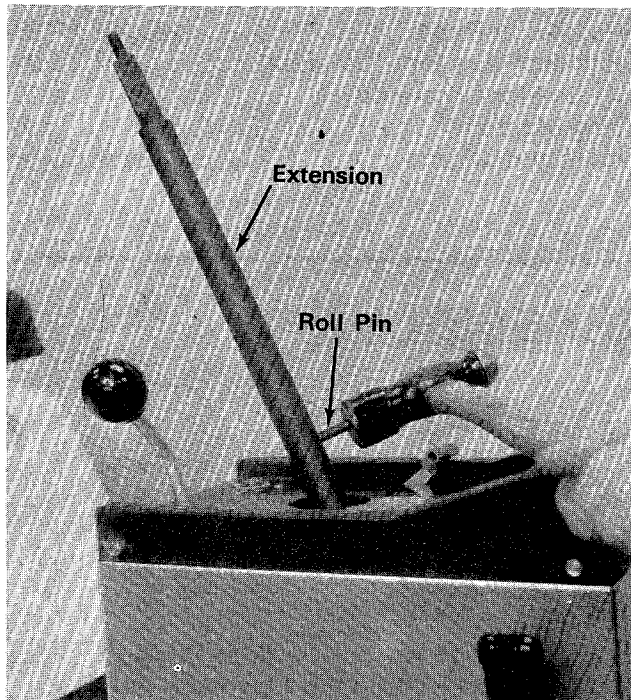


Figure 2

4. Place the steering wheel over the extension. Line up the flats on the extension with the flats on the steering wheel. (See figure 4.)

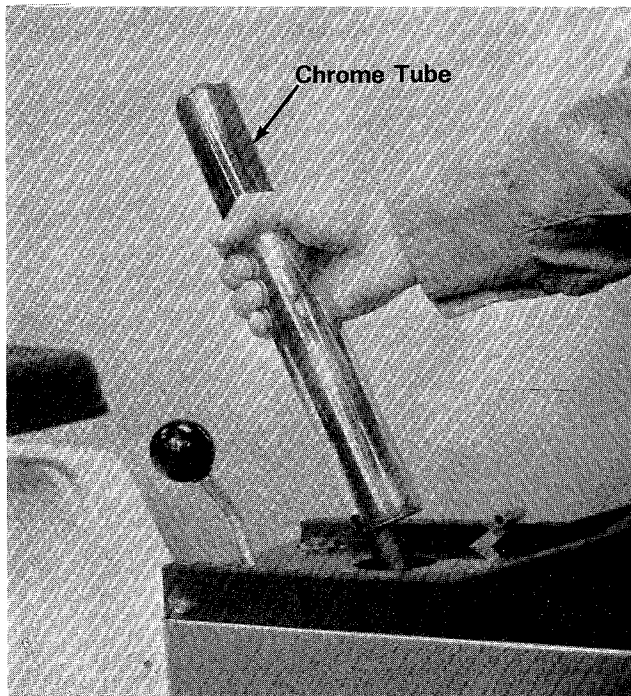


Figure 3

5. Place the washer with the cupped side down over the threaded end of the extension and tighten the nut. (See figure 5.)
6. Place the cap over the center of the steering wheel and seat it with your hand.

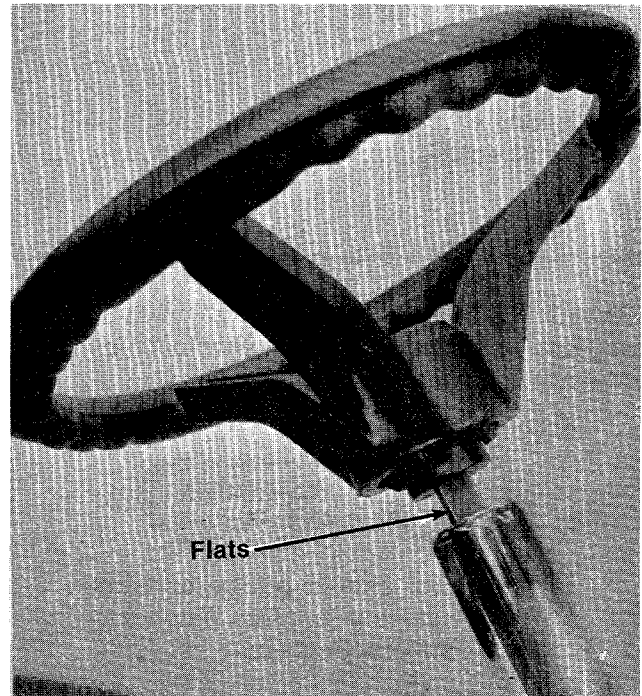


Figure 4

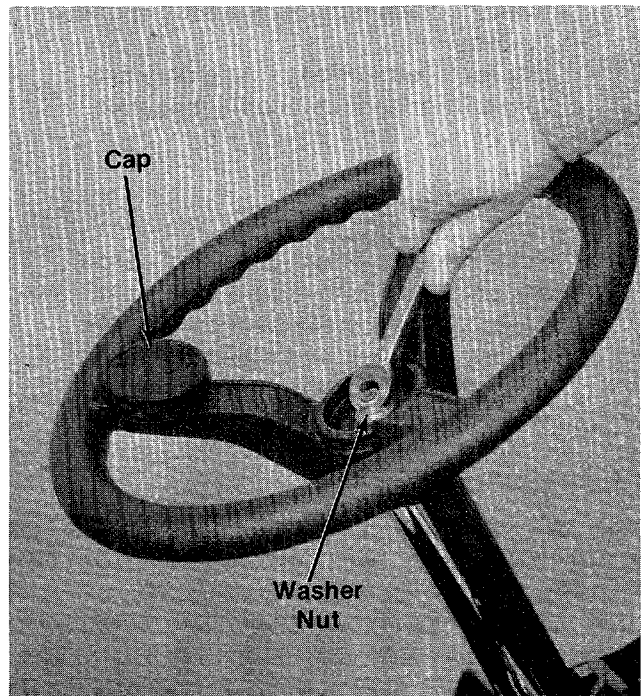


Figure 5

Seat Assembly

1. Assemble the seat adjuster to the seat using either the nut and lockwasher as shown in figure 6 or the bolt and lockwasher as shown in figure 7, depending on the style of the seat.



CAUTION

Assemble the seat adjuster so the handle is on the left side of the seat.

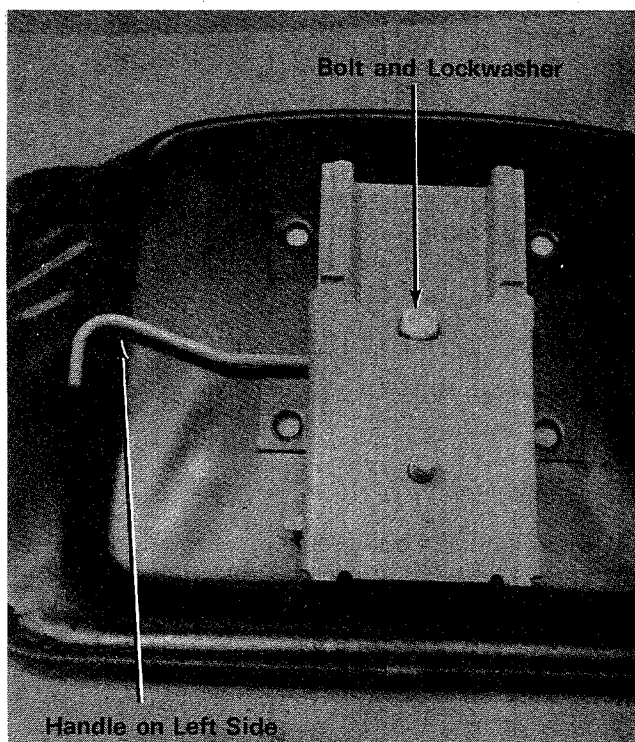


Figure 6

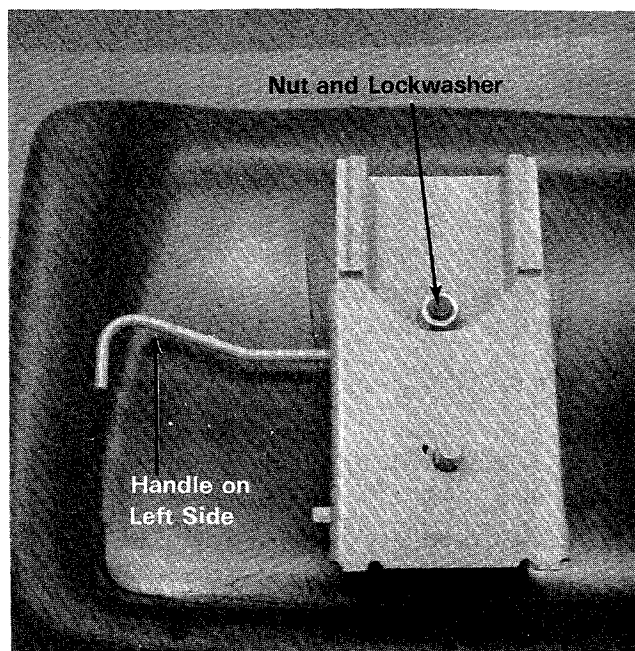


Figure 7

2. Place the bolt welded in the seat adjuster in the second hole from the front on the rear hood. (See figure 8.)

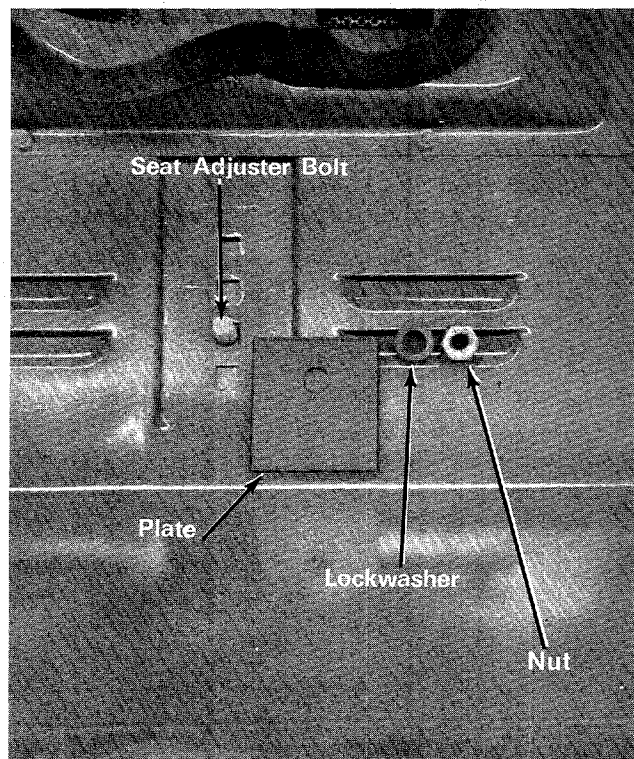


Figure 8

3. Place the square plate, lockwasher and nut over the bolt and tighten. (See figure 9.)

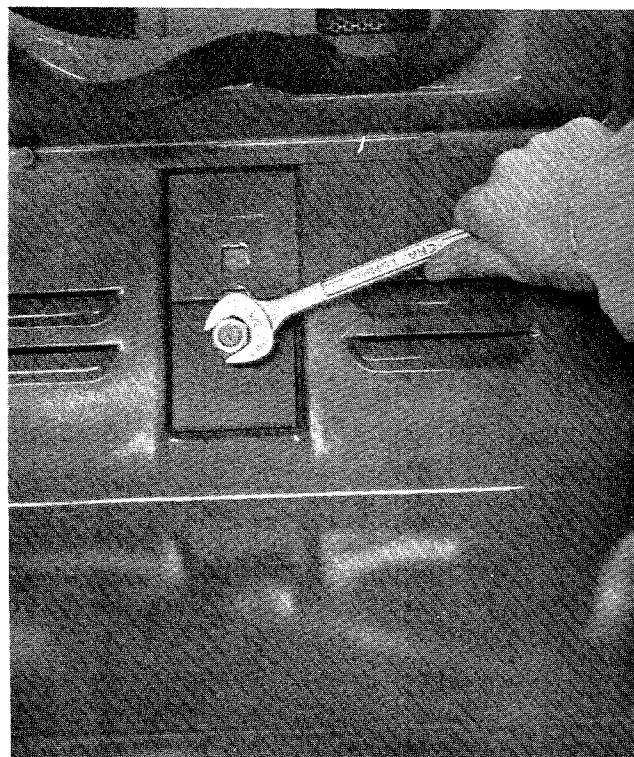


Figure 9

BATTERY INFORMATION



WARNING

- A. Battery acid must be handled with great care as it will blister the skin and damage clothing. It is advisable to wear goggles, rubber gloves, and a protective apron when working with it.
- B. Neutralize acid spilled on clothing with dilute ammonia water or a water solution of baking soda. If acid gets on clothes, dilute it with clean water first, then neutralize.
- C. If for any reason acid should be spattered in the eyes, wash it out immediately with clean cold water. Seek medical aid if discomfort continues.
- D. Since battery acid is corrosive to metals, do not pour into any sink or drain. Rinse empty electrolyte containers and mutilate before discarding.



DANGER

BATTERIES CONTAIN SULFURIC ACID AND MAY CONTAIN EXPLOSIVE GASES (when electrolyte has been added)

- A. Keep sparks, flame, cigarettes away.
- B. Hydrogen gas is generated during charging and discharging.
- C. Ventilate when charging or using in enclosed space.
- D. When using a charger—to avoid sparks, NEVER connect or disconnect charger clips to battery while charger is turned on.
- E. Always shield eyes, protect skin and clothing when working near batteries.

A. ACTIVATING THE BATTERY

1. Place battery to be filled on bench or workbench. NEVER activate battery in unit. Remove vent caps from all cells.
2. Fill each cell carefully using battery grade 1.250-1.265 specific gravity. Sulfuric acid to be 3/8" above the top of the separators or to the split ring.
3. Allow battery to set for 20 minutes to 1/2 hour. Add additional acid if necessary to bring it up to the proper level.
4. Replace the vent caps.

5. The battery can now be charged after the 20 minutes setting period. Battery can be SLOW CHARGED (DO NOT FAST CHARGE) at a maximum bench rate of 4-5 amperes until the specific gravity reading is 1.265-1.275. A charging rate in excess of this will buckle and warp the positive plates and perforate the separators. If electrolyte bubbles violently while charging, reduce charging rate until excessive bubbling action subsides, then continue charging until specific gravity is reached.



CAUTION

After battery has been in service, add only approved water. DO NOT ADD ACID.

B. TO INSTALL BATTERY

To install the battery in this unit, refer to page 7.

C. MAINTENANCE

1. Check periodically (every two weeks or before and after charging) to be sure electrolyte level is 9/16" above separator plates. Add only distilled water or good quality drinking water. NEVER add additional acid or other chemicals to battery after initial activation.
2. The battery should be checked with a hydrometer after every 25 hours of operation. If the specific gravity is less than 1.225 remove battery and recharge.
3. Coat the terminals and exposed wiring with a thin coat of grease or petroleum jelly for longer service and protection against electrolyte corrosion.
4. The battery should be kept clean. Any deposits of acid should be neutralized with soda and water. Be careful not to get this solution in the cells.

D. STORAGE

1. Charge battery using normal methods. NEVER store discharged battery as it will not recover.
2. Store in cold, dry place.
3. Recharge battery whenever the specific gravity is less than 1.225 before returning to service or every two months, whichever occurs first.

E. COMMON CAUSES FOR BATTERY FAILURE ARE:

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



NOTE

THESE FAILURES DO NOT CONSTITUTE WARRANTY.

LIMITED WARRANTY

For ninety (90) days of original retail purchase, the battery carries a limited warranty against faulty material or workmanship by the battery manufacturer.

Installing the Battery

1. Place the battery in the battery box with the Positive terminal on the left. (See figure 10.)
2. Place the battery hold down over the battery.
3. Hook the hold down rods into the frame and through the hold down.

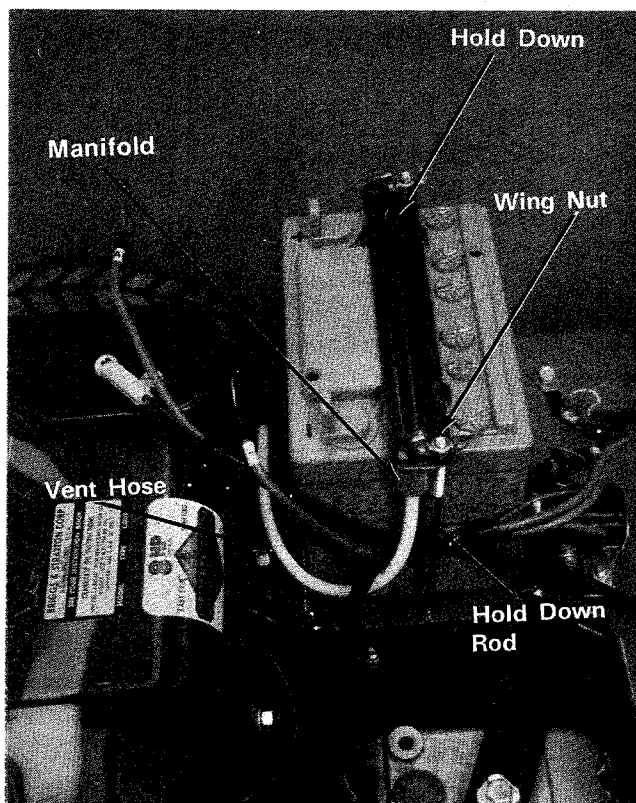


Figure 10



NOTE

Place the wire harness behind the hold down rods to prevent the harness from rubbing the gear shift linkage.

4. Tighten the wing nuts on the hold down rods finger tight.
5. Place one end of the battery vent hose into the manifold of the battery and the other end goes through the clip on the left side of the frame. (See figures 10 and 11.)

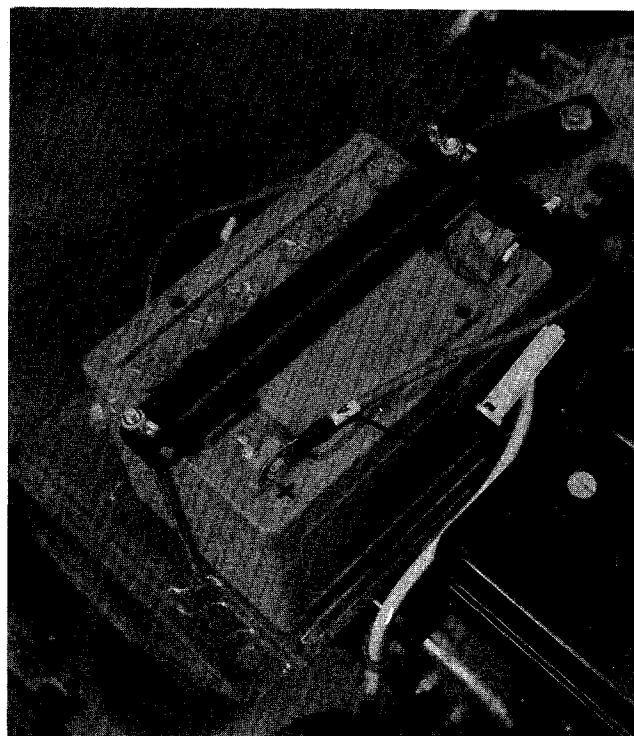


Figure 11

6. Assemble the cable marked (+) to the Positive terminal of the battery with the 1/4 inch bolt, lockwasher and nut. (See figure 11.)
7. Assemble the cable marked (-) to the Negative terminal with the other 1/4" bolt, lockwasher and nut. (See figure 11.)

OPERATION



CAUTION

1. Keep all shields and guards in place.
2. Before leaving operator's position:
Shift transmission in neutral
Set the parking brake
Disengage the blade engagement lever
Shut off engine
Remove ignition key
3. Wait for all movement to stop, remove and ground the spark plug wire to the engine block before servicing the machine.
4. Keep people and pets a safe distance away from the machine.

Throttle Control

The throttle control is used to regulate the engine speed and choke the engine. The engine should be operated from $\frac{3}{4}$ to full throttle when operating the cutting deck.

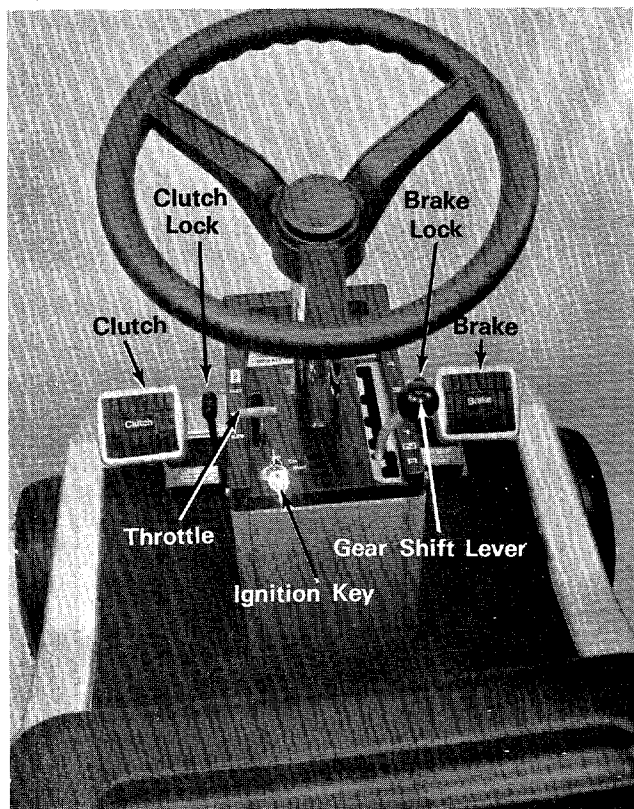


Figure 12

Ignition Switch

The ignition switch is located on the dashboard. Turn the key to the START position to start the engine. When the engine is running leave the key in the ON position. To stop the engine turn the key to the OFF position. (See figure 12.)



CAUTION

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

Gear Shift Lever

The four speed transmission has four forward speeds, neutral and reverse. You do not shift through the gears on this transmission as you do in an automobile with a standard transmission. You pre-select the gear appropriate for the job you are doing, however, you must depress the clutch pedal when you shift from neutral into either first or reverse. If you are climbing a hill or pulling a load in a trailer you must depress the clutch and stop to shift gears. Do not force the shift lever. (See figure 12.) The following can be used as a guide to select the proper gear.

- 1st Gear—Heavy Cutting
- 2nd Gear—Medium Cutting
- 3rd Gear—Medium Cutting
- 4th Gear—Light Cutting or Travel Gear
- Neutral
- Reverse

Clutch Pedal

The clutch pedal is located on the left side of the mower and is operated with your left foot. The clutch pedal is used to disengage the drive wheel mechanism. Depressing the clutch pedal will disengage the engine from the drive train. The clutch pedal must be depressed when you come to a stop. The clutch must be depressed when you shift from neutral to 1st or reverse. (See figure 13.)



NOTE

Because of the safety interlock system on your riding mower, it is necessary to depress the clutch pedal and disengage the blade before the engine will start.

Clutch Lock

To lock the clutch in the disengaged position, depress the clutch pedal and pull the Clutch Lock Lever towards you. Release the clutch pedal and it will stay disengaged. To release the Clutch Lock, depress the clutch pedal. (See figure 13.)

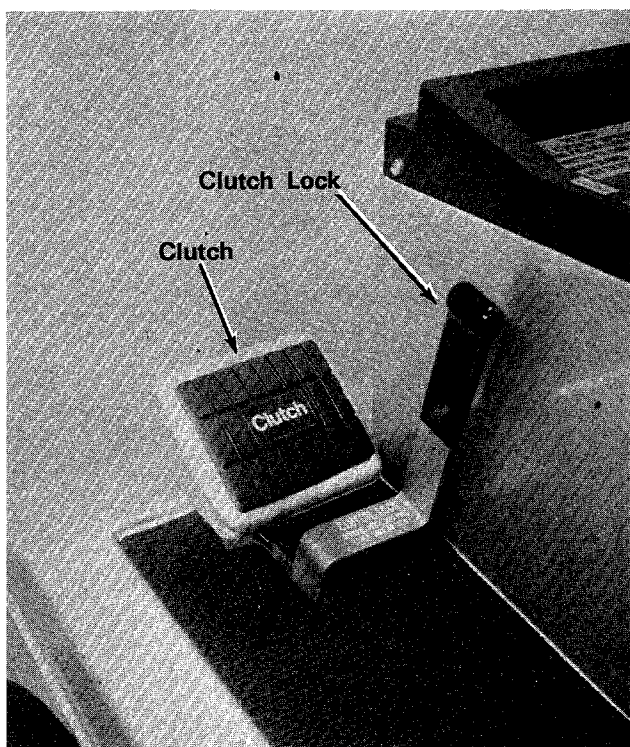


Figure 13
Brake Pedal

The Brake Pedal is located on the right side of the mower and is operated by depressing it with your right foot. When coming to a complete stop it is necessary to depress the clutch pedal at the same time you depress the brake. (See figure 14.)

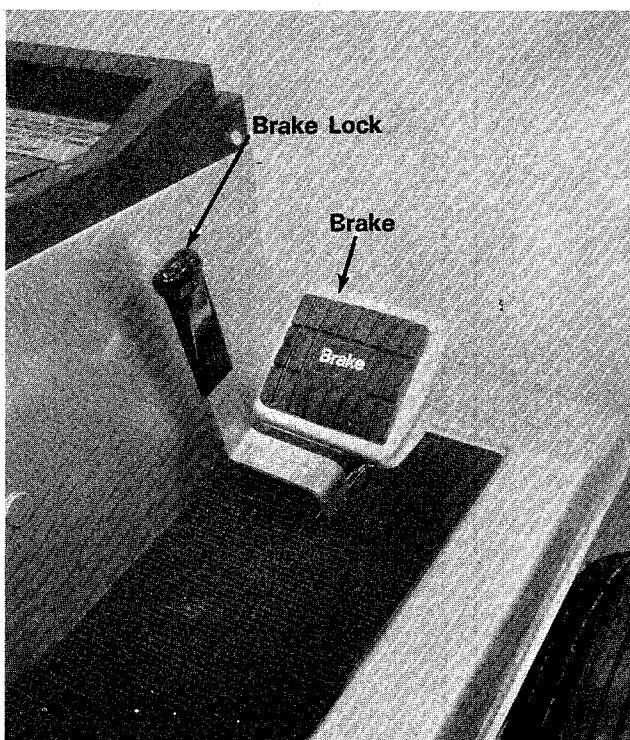


Figure 14.

Brake Lock

To lock the brake in locked position, depress the brake pedal and pull the Brake Lock Lever towards you. Release the brake pedal and it will stay locked. To release the Brake Lock, depress the pedal. (See figure 14.)

Seat Adjustment

The seat is adjustable forward and backward. To move the seat, pull the handle located under the left side of the seat and slide the seat in either direction. (See figure 15.)

Opening the Hood

To open the rear hood, unlatch the lock on the rear and lift the hood. It will stay in place by lifting the rod on the right side of the frame and placing the end in the hole in the hood.

Cutting Controls

The cutting controls consist of the Lift Lever and the Wheel Height Adjusters.

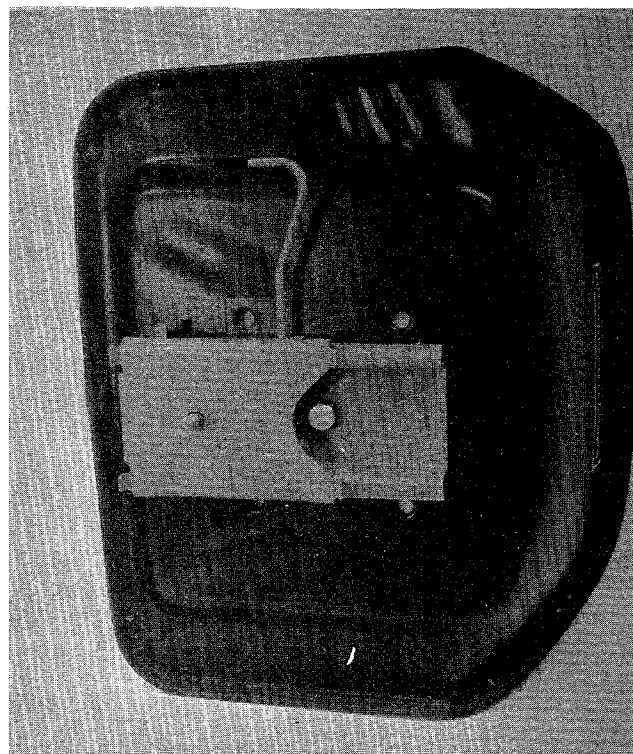


Figure 15.

Lift Lever

The lift lever is used to raise the cutting deck and disengage the blade. The lift lever must be in the disengaged position in order to start the engine. Pulling it all the way up and moving it to the right will lock it in the disengaged position. (See figures 16 and 17.)

The lift lever must be in the disengaged position
9 before you can start the engine.

Wheel Height Adjuster

Move the lever towards the wheel and set it in the desired cutting height. (See figure 18.)

There are five different cutting heights ranging from 2 inches to 4 inches. The cutting height can vary depending on the tire pressure. The cutting height can be set in two different ways: FULL FLOAT position where the deck follows the contour of the ground, and the SUSPENDED position where the deck hangs from the frame of the rider. The suspended position is normally used for cutting rough uneven ground.

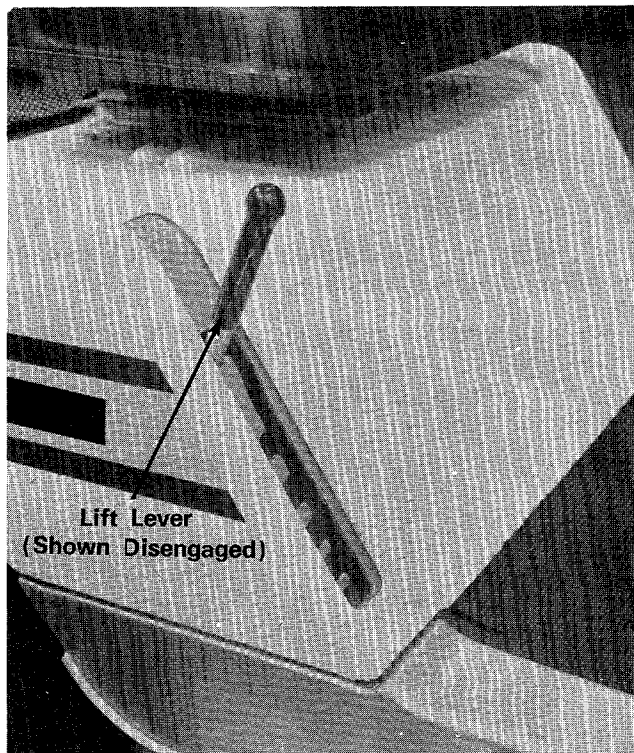


Figure 16

To set the cutting deck in the full float position, set the wheel height adjusters in the desired cutting height. Move the lift lever all the way forward. This way the deck wheels will gauge the cutting height. (See figures 17 and 18.)

To set the cutting deck in the suspended position, set the lift lever in the notch that gives you the desired cut and set the deck wheels so they just clear the ground. (See figures 17 and 18.)

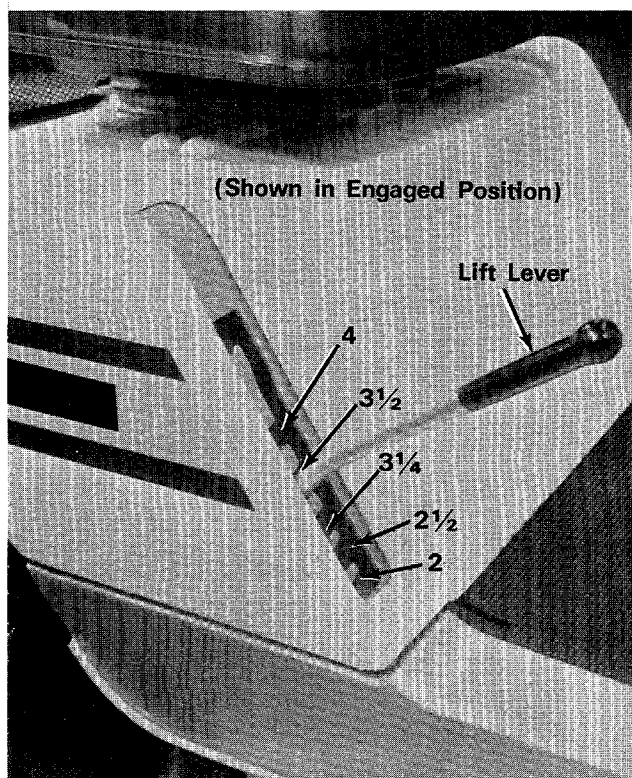


Figure 17

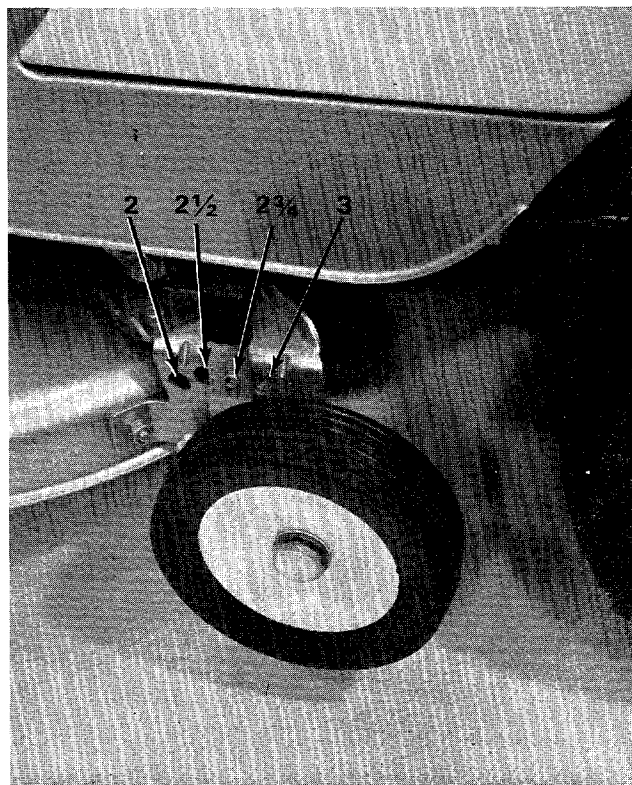


Figure 18

MAINTENANCE

Maintenance and adjustments for the engine are covered in the Engine manual.

Lubrication

Rack and Pinion 1—Lubricate with multi-purpose automotive grease once a year. (See figure 19.)

Front Pivot Bolt 2—Oil with SAE 30 oil once a year. (See figure 19.)

Wheel Bearings 3—Oil with SAE 30 oil once a year. (See figures 19 and 20.)

King Pin 4—Oil with SAE 30 oil once a year. (See figure 19.)

Deck Wheels 5—Remove the axle bolts and lubricate with multi-purpose automotive grease once a year. (See figure 21.)

Transmission 6—The transmission is sealed and does not have to be checked. If the transmission is disassembled the grease should be replaced. Use 12 ounces of E. P. Lithium grease.

Differential 7—The differential is sealed and does not have to be checked. If the differential is disassembled the grease should be replaced.

Use 2 ounces of high temperature grease (450°). (See figure 20.)

The following parts should be oiled once a year with SAE 30 oil.

- All deck links.
- Clutch and brake pivot points.
- Height Adjustment Levers.
- Steering column bearings.
- Chain.

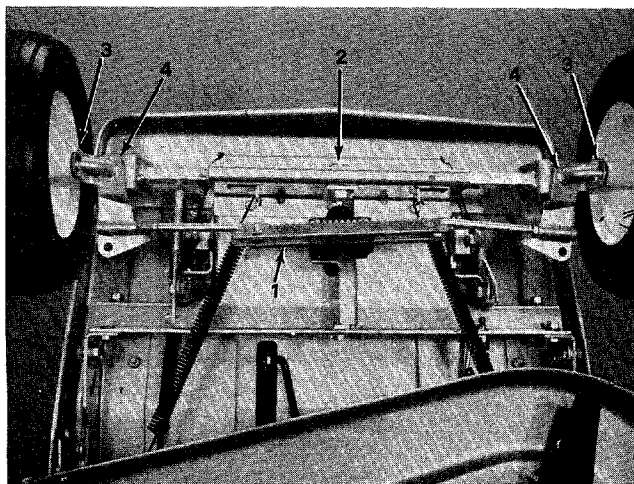


Figure 19

The following items have sealed bearings and require no further lubrication.

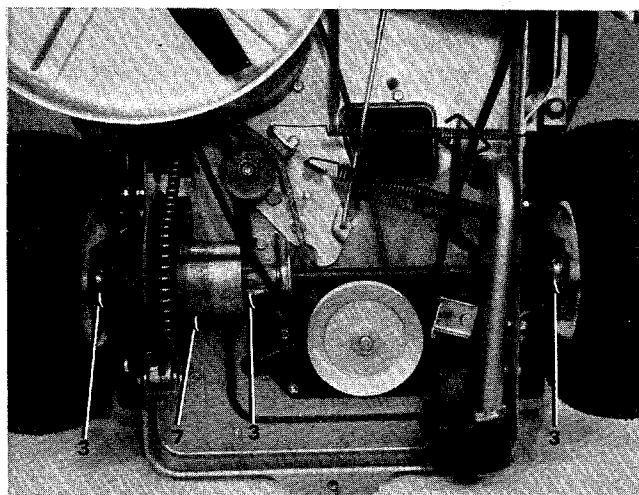


Figure 20

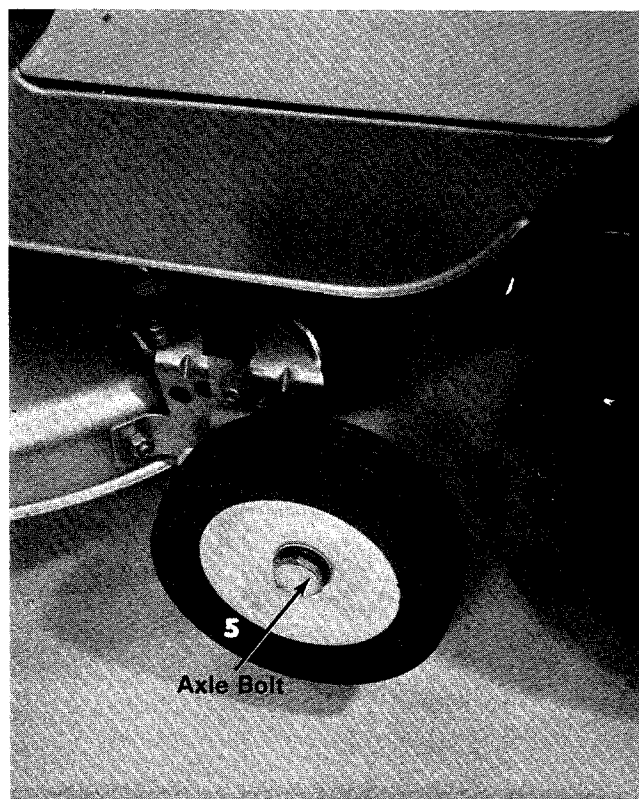


Figure 21

Brake Adjustment

The disc brake for the rear wheels is located on the sprocket on the rear axle. To adjust the brakes, tighten the locknut on the side of the brake. (See figure 23.) To test the brake, depress the clutch and lock it in the disengaged position. (See figure 13.) Depress the brake pedal and lock it down with the Brake Lock Lever. (See figure 14.)

The rear wheels should lock when you try to roll the rider. If the brake will not hold, tighten the brake adjusting nut. Repeat as many times as necessary to obtain the proper adjustment.

TIRE PRESSURE

MAINTAIN THE TIRE PRESSURE IN THE REAR TIRES AT 15 P.S.I. THE FRONT TIRES ARE SEMI-PNEUMATIC. MAXIMUM TIRE PRESSURE IS 30 P.S.I.

Chain Adjustment

The chain should be checked periodically for tightness. Depress the chain with your finger. It should deflect $\frac{1}{2}$ inch. If adjustment is necessary, loosen the nuts on the idler pulley and slide it forward until the proper tension is reached. (See figure 22.)

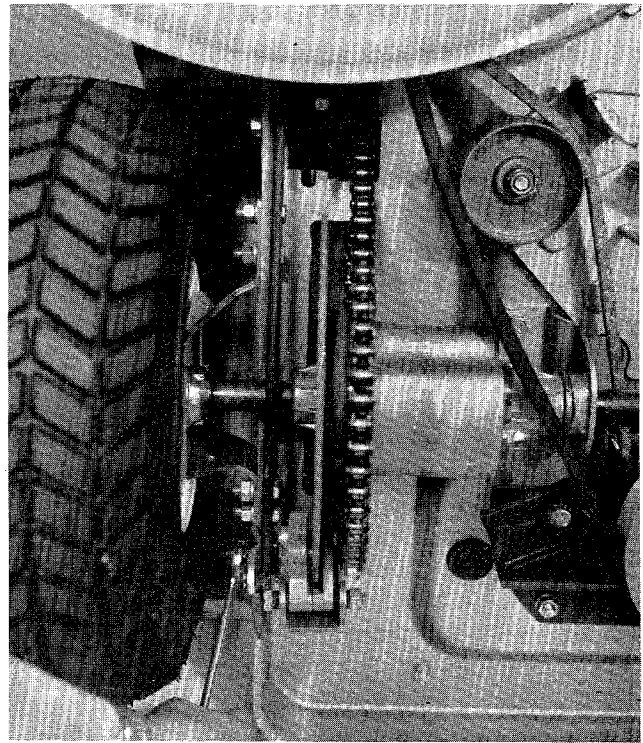
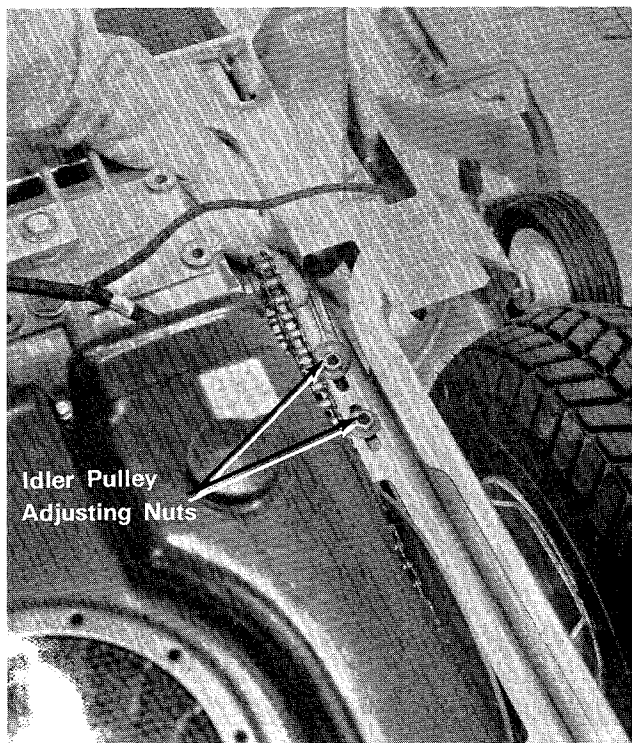


Figure 23

Shift Lever Adjustment

If the shift lever is out of adjustment you may have a problem shifting into either fourth or reverse. If adjustment is necessary, remove the cotter pin in the ferrule and screw it either in or out until you can shift into all gears. (See figure 24.)

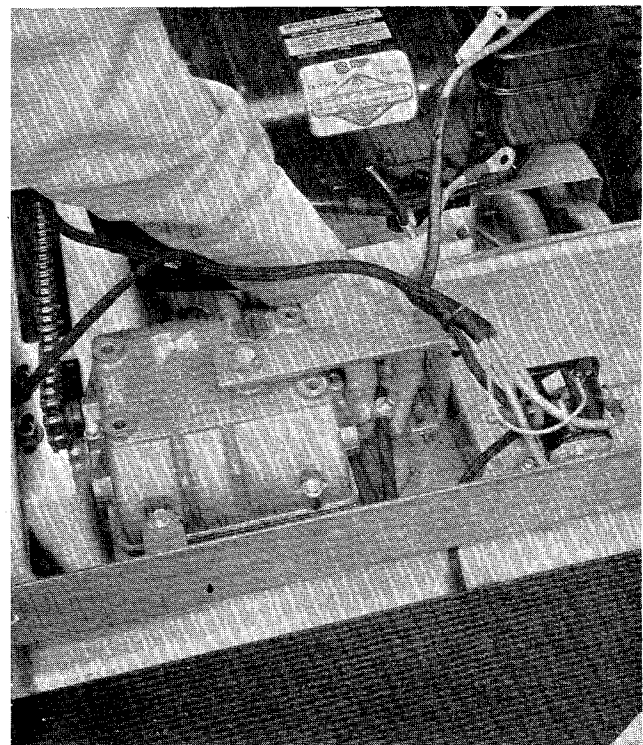


Figure 24

Cutting Blades

The blades may be removed for sharpening or replacement as follows:

1. Remove the large bolt and lockwasher holding the blade and adapter to the blade spindle shaft.
2. Remove the blade and adapter from the blade spindle. (See figure 25.)
3. Be careful not to lose the key on the spindle shaft.
4. Remove the two smaller bolts, lockwashers and nuts holding the blade to the adapter. (See figure 26.)

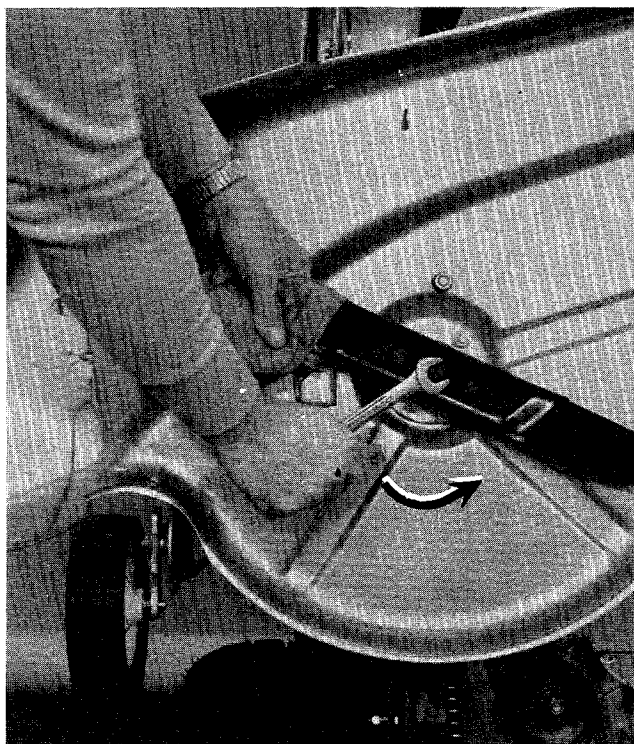


Figure 25

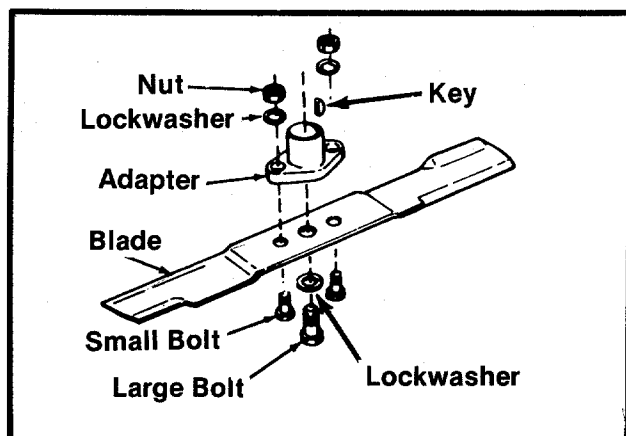


Figure 26

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.

When grinding or filing the blade, remove equal amounts of metal from both edges to keep the blade in balance.

Wheel Alignment

The caster (forward slant of the king pin) and the camber (tilt of the wheels out at the top) requires no adjustment. Automotive steering principles have been used to determine the caster and camber on the rider. The front wheels should toe-in 1/8 inch. (See figure 28.)

To adjust follow these steps:

1. Remove the elastic locknut and drop the tie rod end from the steering arm. (See figure 27.)
2. Loosen the hex jam nut on the rod.
3. Adjust the tie rod assembly for correct alignment.



NOTE

Dimension B should be approximately 1/8 inch less than dimension A. (See figure 28.)

4. To increase dimension B screw the rod into the tie rod end.
5. To decrease dimension B unscrew the tie rod from the tie rod end.
6. Reassemble the rod. Check dimensions.

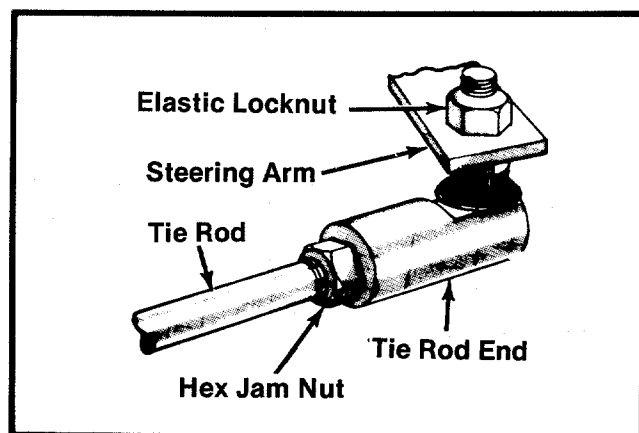


Figure 27

Troubleshooting

If a problem is encountered, refer to the chart on page 14 for a possible remedy.

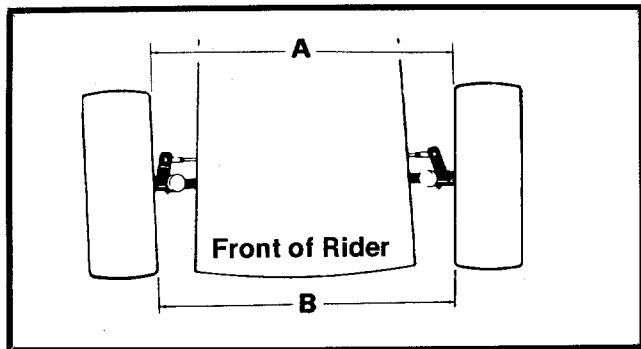


Figure 28

Off-season Storage

If the machine is to be inoperative for a period longer than 30 days, the following procedures are recommended.

1. Working outdoors, drain all fuel from the fuel tank. Use a clean dry cloth to absorb the small amount of fuel remaining in the tank, then run the engine until all fuel in the carburetor is exhausted.



WARNING

Do not drain fuel while smoking, or if near an open fire.

2. Drain all the oil from the crankcase (this should be done after the engine has been operated and is still warm) and refill the crankcase with clean new oil.
3. Disconnect the spark plug wire and remove the spark plug from the cylinder. Pour about 2 or 3 tablespoons of engine oil into the cylinder, and then turn the engine over several times to spread out the oil. Replace the spark plug, but do not connect the wire.
4. Clean the engine and the entire mower thoroughly.
5. Lubricate all lubrication points indicated in figures 19 and 20, then wipe the entire machine with an oiled rag in order to protect the surfaces.

Preparing for Belt Removal

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.



NOTE

If the unit is equipped with a battery, continue with step 3.

3. Remove the battery to prevent acid from leaking.



WARNING

Disconnect the Negative Terminal first and connect last when installing the battery.

Belt Removal (Cutting Deck)

1. Place the lift lever in the disengaged position.
2. Remove the two belt keepers on the engine pulley. (See figure 29.)
3. Unhook the blade belt from the engine pulley.
4. Move the lift lever into the engaged position.
5. Unhook the two deck springs. (See figure 30.)
6. Remove the belt keeper on the left side of the cutting deck. (See figure 31.)



NOTE

For the purpose of clarity figures 31 and 32 show the deck removed from the rider.

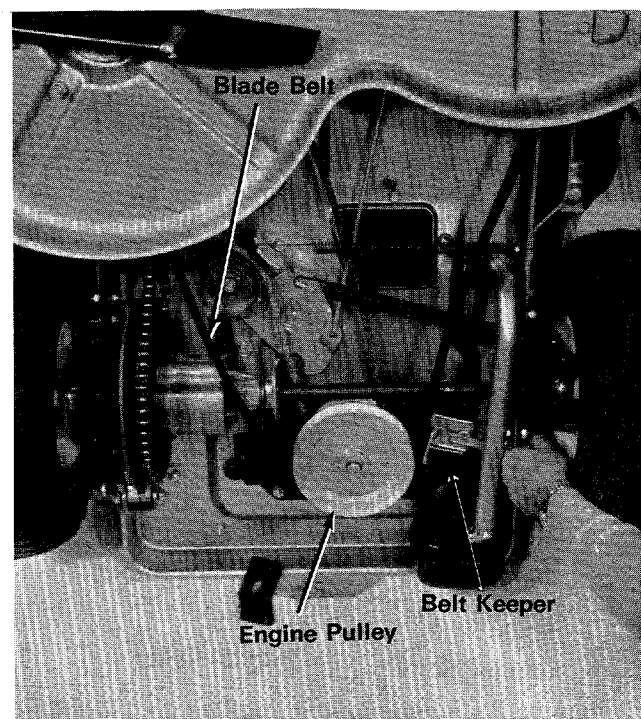


Figure 29

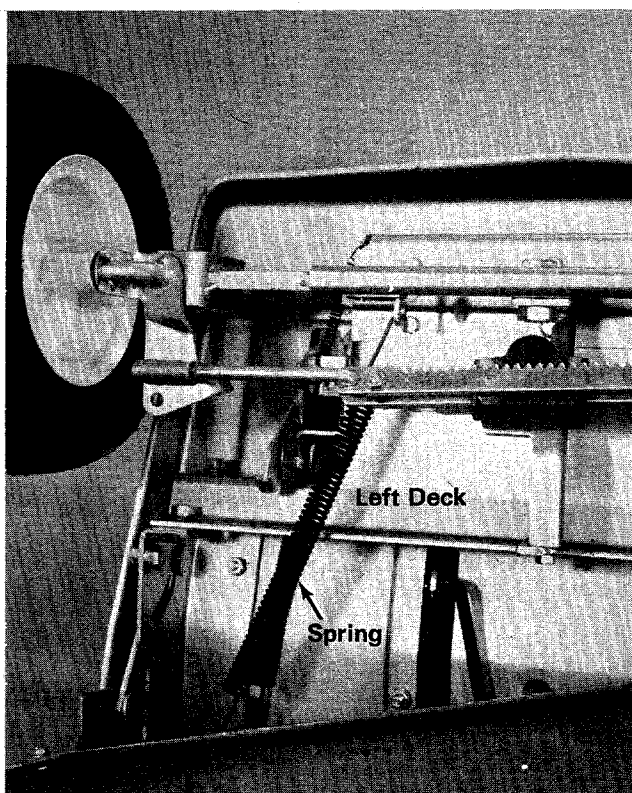
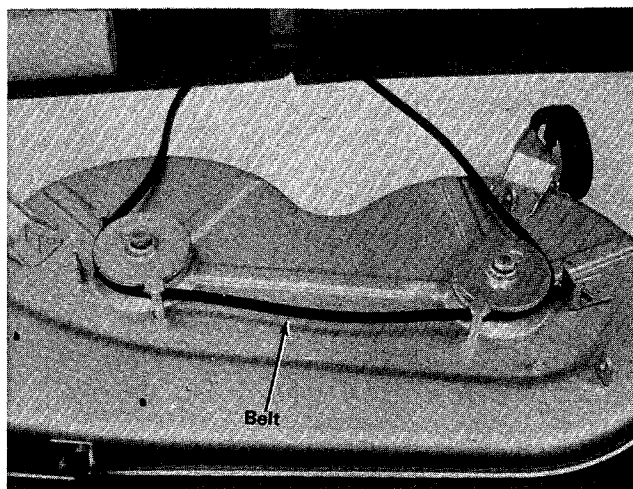


Figure 30

7. Remove the blade belt from the two deck pulleys. (See figure 32.)



Belt Removal (Transmission)

1. Place the lift lever in the disengaged position.
2. Remove the two belt keepers on the engine pulley. (See figure 29.)
3. Unhook the blade belt from the engine pulley.
4. Move the lift lever into the engaged position.
5. Unhook the two deck springs. (See figure 30.)
6. Remove the four cotter pins 1, 2, 3 and 4, on the deck hangers and lift off the deck. (See figure 31.)



NOTE

Be sure to reassemble the deck links in the same order of disassembly so that the deck will not bind.

7. Remove the two bolts holding the belt guard around the engine pulley. (See figure 34.)
8. Remove the shoulder bolt next to the transmission pulley. (See figures 33 and 34.)
9. Unhook both springs. (See figure 34.)



CAUTION

To prevent injury use a sturdy hooked wire to remove the springs.

10. Remove the belt and reassemble in reverse order with a new belt.

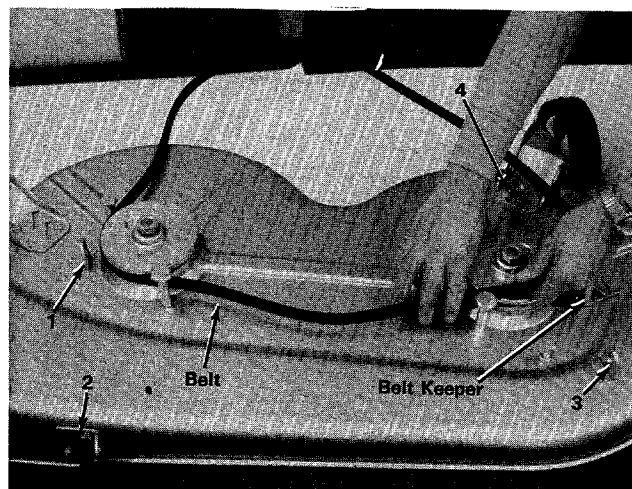


Figure 32

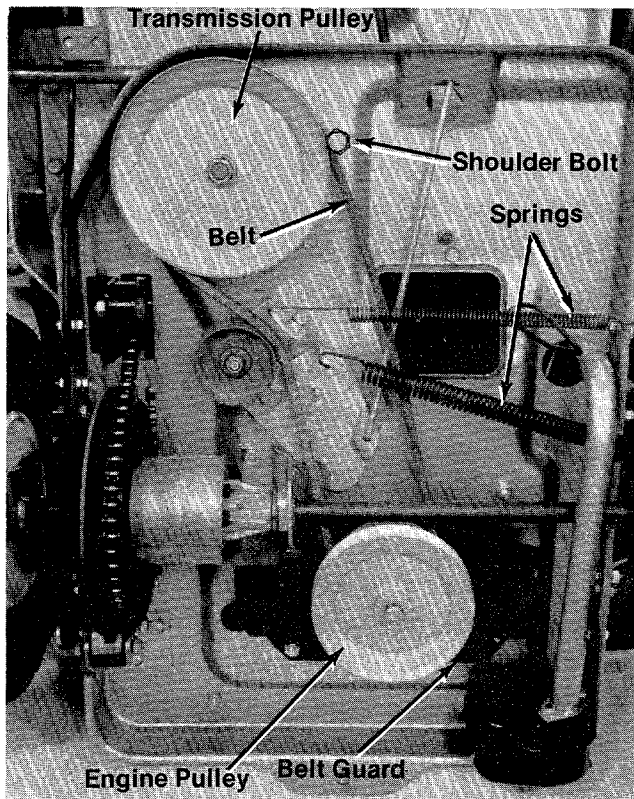


Figure 33

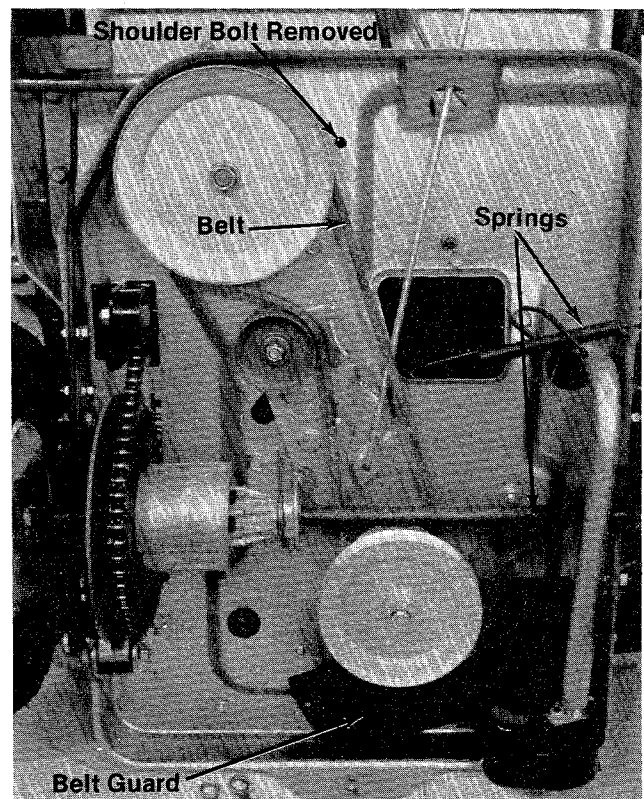


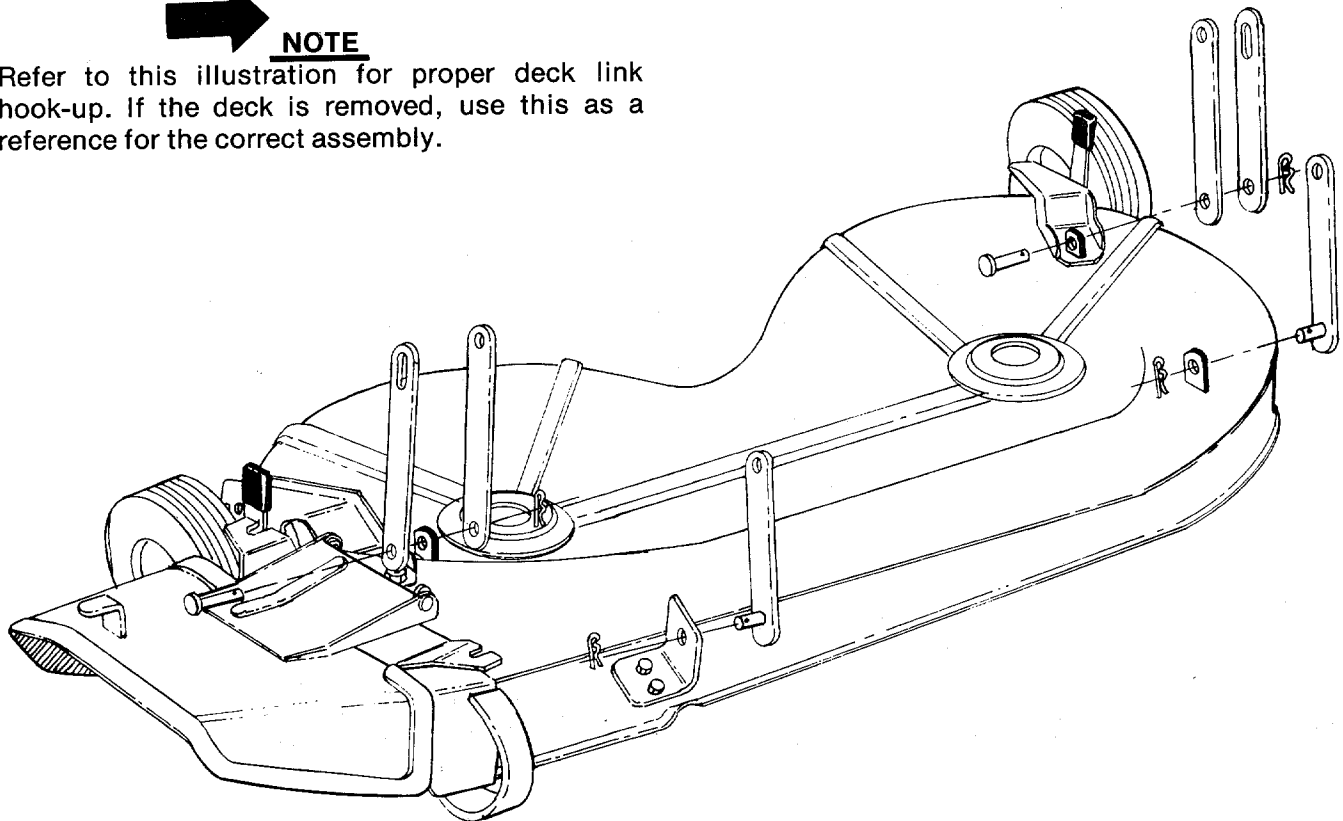
Figure 34

DECK LINKAGE



NOTE

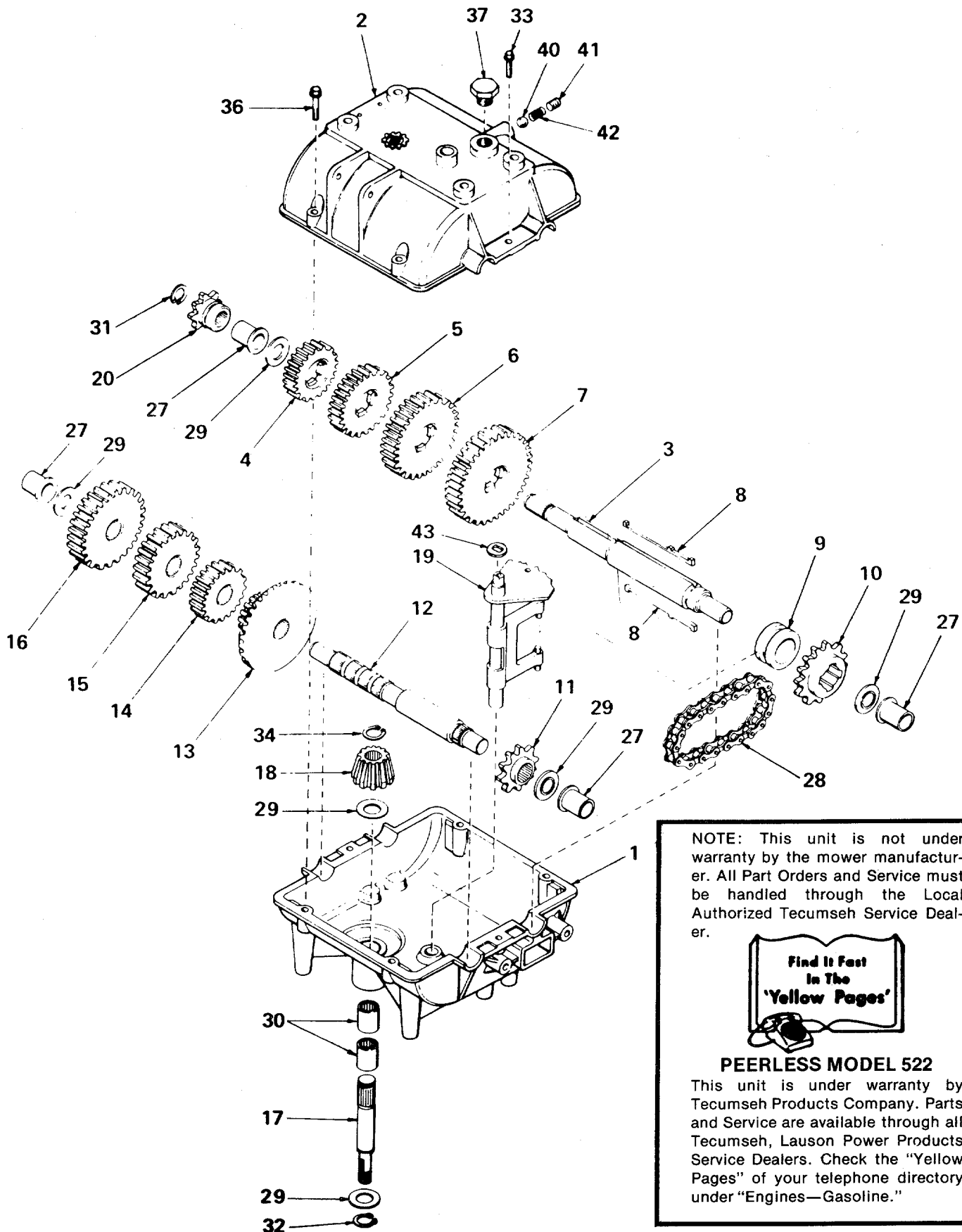
Refer to this illustration for proper deck link hook-up. If the deck is removed, use this as a reference for the correct assembly.



Trouble Shooting Chart

Problem	Cause	Remedy
Engine fails to start	A Check fuel tank for gas B Spark plug lead wire disconnected C Throttle control lever not in the starting position D Faulty spark plug E Carburetor improperly adjusted Engine flooded	A Fill tank if empty B Connect lead wire C Move throttle lever to start position. D Spark should jump gap between control electrode and side electrode. If spark does not jump, replace the spark plug. E Remove spark plug, dry the plug, crank engine with plug removed, and throttle in off position. Replace spark plug and lead wire and resume starting procedures.
2 Hard starting or loss of power	A Spark plug wire loose B Carburetor improperly adjusted C Dirty air cleaner	A Connect spark plug wire B Adjust carburetor. See engine section of this manual. C Clean air cleaner as described in the Engine section of this manual.
3 Operation erratic	A Dirt in gas tank B Dirty air cleaner C Water in fuel supply D Vent in gas cap plugged E Carburetor improperly adjusted	A Remove the dirt and fill tank with fresh gas B Clean air cleaner as described in the engine section of this manual C Drain contaminated fuel and fill tank with fresh gas. D Clear vent or replace gas cap E Adjust carburetor. See engine section of this manual.
4 Occasional skip (hesitates) at high speed	A Carburetor idle speed too slow B Spark plug gap too close C Carburetor idle mixture adjustment improperly set	A Adjust carburetor. See engine section of this manual. B Adjust to .030" C Adjust carburetor. See engine section of this manual.
5 Idles poorly	A Spark plug fouled, faulty, or gap too wide. B Carburetor improperly adjusted C Dirty air cleaner	A Reset gap to .030" or replace spark plug B Adjust carburetor. See engine section of this manual. C Clean air cleaner as described in the engine section of this manual.
6 Engine overheats	A Carburetor not adjusted properly B Air flow restricted C Engine oil level low	A Adjust carburetor. See engine section of this manual. B Remove blower housing and clean as described in the engine section of this manual. C Fill crankcase with the proper oil
7 Excessive vibration	A Cutter blade loose or unbalanced	A Tighten blade and adapter.

REVERSING TRANSMISSION (PEERLESS 522)



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



PEERLESS MODEL 522

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

FOUR SPEED TRANSMISSION PEERLESS MODEL NO. 522

**PARTS LIST FOR FOUR SPEED TRANSMISSION
PEERLESS MODEL NO. 522**

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	PE-770061	Case, Transmission	19	PE-784217	Rod and Fork Assembly, Shifter
2	PE-772070	Cover, Transmission	20	713-0208	Sprocket (8 teeth)
3	PE-776139	Shaft, Output and Brake	27	PE-780105	Bushing, Flanged
4	PE-778105	Gear, Spur (20 teeth)	28	PE-786162	Chain, Roller (#41 chain, 22 links)
5	PE-778106	Gear, Spur (25 teeth)	29	PE-780072	Race, Thrust
6	PE-778107	Gear, Spur (30 teeth)	30	PE-780106	Bearing, Needle
7	PE-778108	Gear, Spur (35 teeth)	31	PE-792072	Ring, Retaining
8	PE-792071	Key	32	PE-792035	Ring, Retaining
9	PE-784216	Collar, Shift	33	PE-792059	Screw, 1/4-20 x 3/4 Tap Tite
10	PE-786060	Sprocket (14 teeth)	34	PE-788040	Ring, Retaining
11	PE-786061	Sprocket (10 teeth)	36	PE-792073	Screw, 1/4-20 x 1 1/4 Tap Tite
12	PE-776134	Shaft, Counter	37	PE-792074	Plug
13	PE-778109	Gear, Bevel (42 tooth & 15 tooth spur gear)	40	PE-792077	Ball, 5/16" Steel
14	PE-778110	Gear, Spur (20 teeth)	41	PE-792078	Screw, 3/8-16 x 3/8 Set
15	PE-778111	Gear, Spur (25 teeth)	42	PE-792079	Spring
16	PE-778112	Gear, Spur (30 teeth)	43	PE-792083	Washer
17	PE-776140	Shaft, Input			
18	PE-778113	Bevel Pinion, Input			

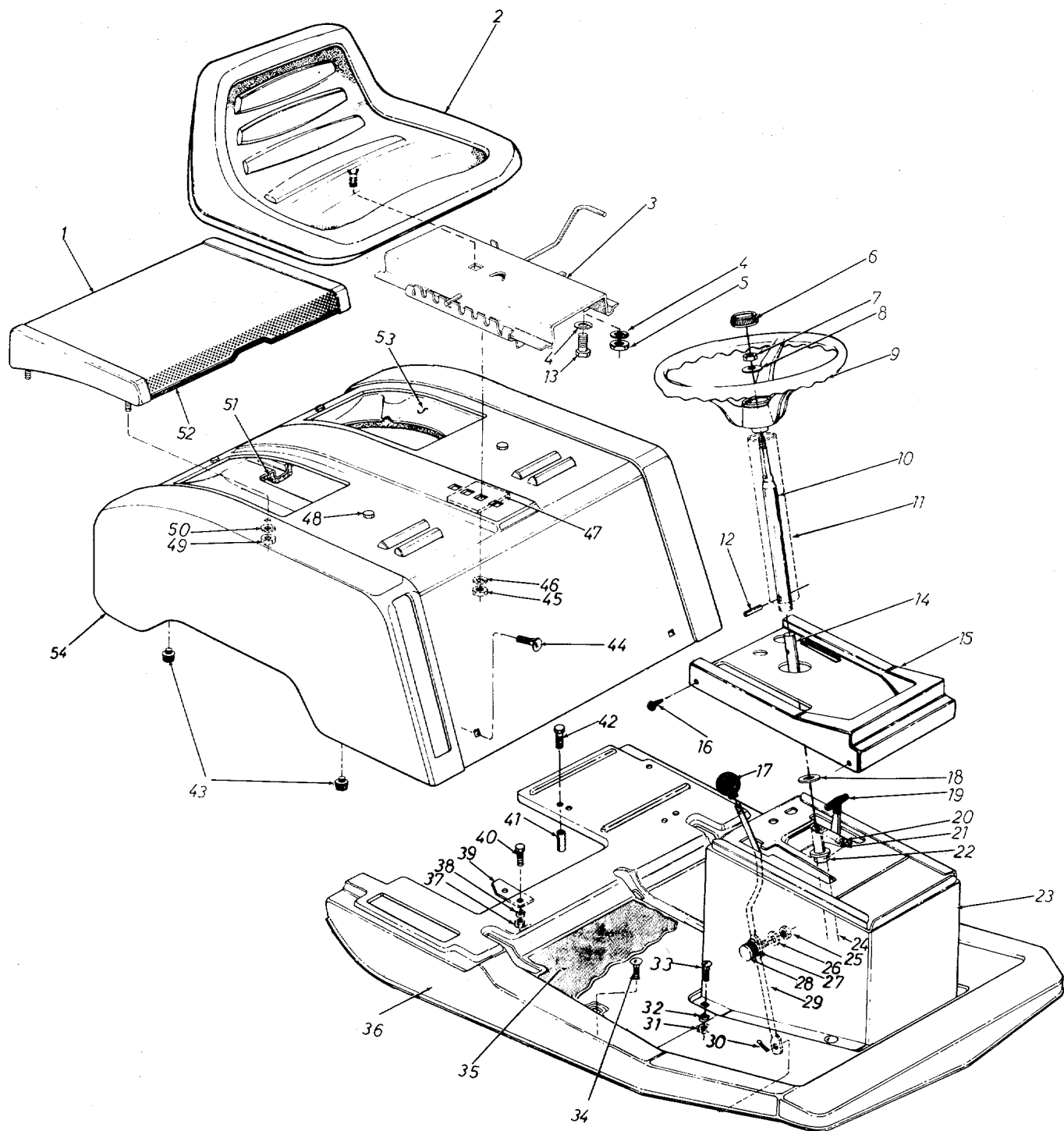
NOTE: This unit is not under warranty by the mower manufacturer. All Part Orders and Service must be handled through the Local Authorized Tecumseh Service Dealer.



PEERLESS MODEL 522

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

136-445A



PARTS LIST FOR MODEL 136-445A

REF. O.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	DESCRIPTION	NEW PART
1	12069		Air Intake Screen	N	28	736-0126	Rubber Wash. .33 I.D. x .87 O.D.	
2	757-0264		Seat		29	12063	Shift Lever	
3	12400		Seat Adjuster—Comp.		30	714-0507	Cotter Pin 3/32 Dia. x .75 Lg.*	
4	736-0921		L-Wash. 1/2" Scr.*		31	712-0267	Hex Nut 5/16-18 Thd.*	
5	712-0206		Hex Nut 1/2-13 Thd.*		32	736-0242	Belleville Wash. .345 I.D. x .885 O.D.*	
6	731-0220		Steering Wheel Cap		33	710-0260	Carr. Bolt 5/16-18 x .62*	
7	712-0158		Hex Cent. L-Nut 5/16-18 Thd.*		34	710-0260	Carr. Bolt 5/16-18 x .62*	
8	736-0242		Belleville Washer		35	723-0297	Floor Mat	
9	731-0219		Steering Wheel		36	12021 —462	Front Cover	
10	750-0213		Adapter and Tube Ass'y.		37	712-0287	Hex Nut 1/4-20 Thd.*	
11	750-0205		Steering Tube Spacer		38	736-0329	L-Wash. 1/4 Scr.*	
12	715-0108		Spring Pin 1/4 Dia. x 1.00 Lg.		39	12109	Transmission Brkt.	
13	710-0493		Hex Hd. Cap Scr. 1/2-13 x 1" Lg.*		40	710-0289	Hex Scr. 1/4-20 x .50"	
14	738-0187		Steering Shaft		41	750-0208	Spacer Tube	
15	731-0217		Console Center		42	710-0190	Hex Scr. 5/16-18 x 4" Lg.*	
16	710-0351		Truss Mach. Scr. #10 x .50" Lg.*		43	735-0109	Bumper	
17	722-0115		Ball Knob		44	710-0260	Carr. Bolt 5/16-18 x .62"	
18	736-0156		Fl-Wash. .625 I.D. x 1.102 O.D.*		45	712-0206	Hex Nut 1/2-13 Thd.*	
19	746-0226		Throttle Control—Comp.		46	736-0921	L-Wash. — 1/2 Scr.*	
20	710-0351		Truss Mach. Scr. #10 x .50 Lg.*		47	12049	Seat Mtg. Plate	
21	712-0344		Speednut #10		48	710-0289	Hex Scr. 1/4-20 x .50"	
22	748-0227		Hex Flange Bearing		49	712-0287	Hex Nut 1/4-20 Thd.*	
23	12040		Center Console Ass'y.		50	736-0329	L-Wash. 1/4 Scr.*	
24	738-0187		Steering Shaft		51	721-0130	Air Duct Seal	
25	712-0429		Hex Ins. L-Nut 5/16-18 Thd.		52	731-0255	Extruded "U" Channel—18 1/4 Lg.	
26	736-0159		Fl-Wash. .344 I.D. x .88 O.D.*		53	12048	Air Intake Duct	
27	736-0159		Fl-Wash. .344 I.D. x .88 O.D.*		54	12032 —462	Rear Cover Ass'y.	

*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)

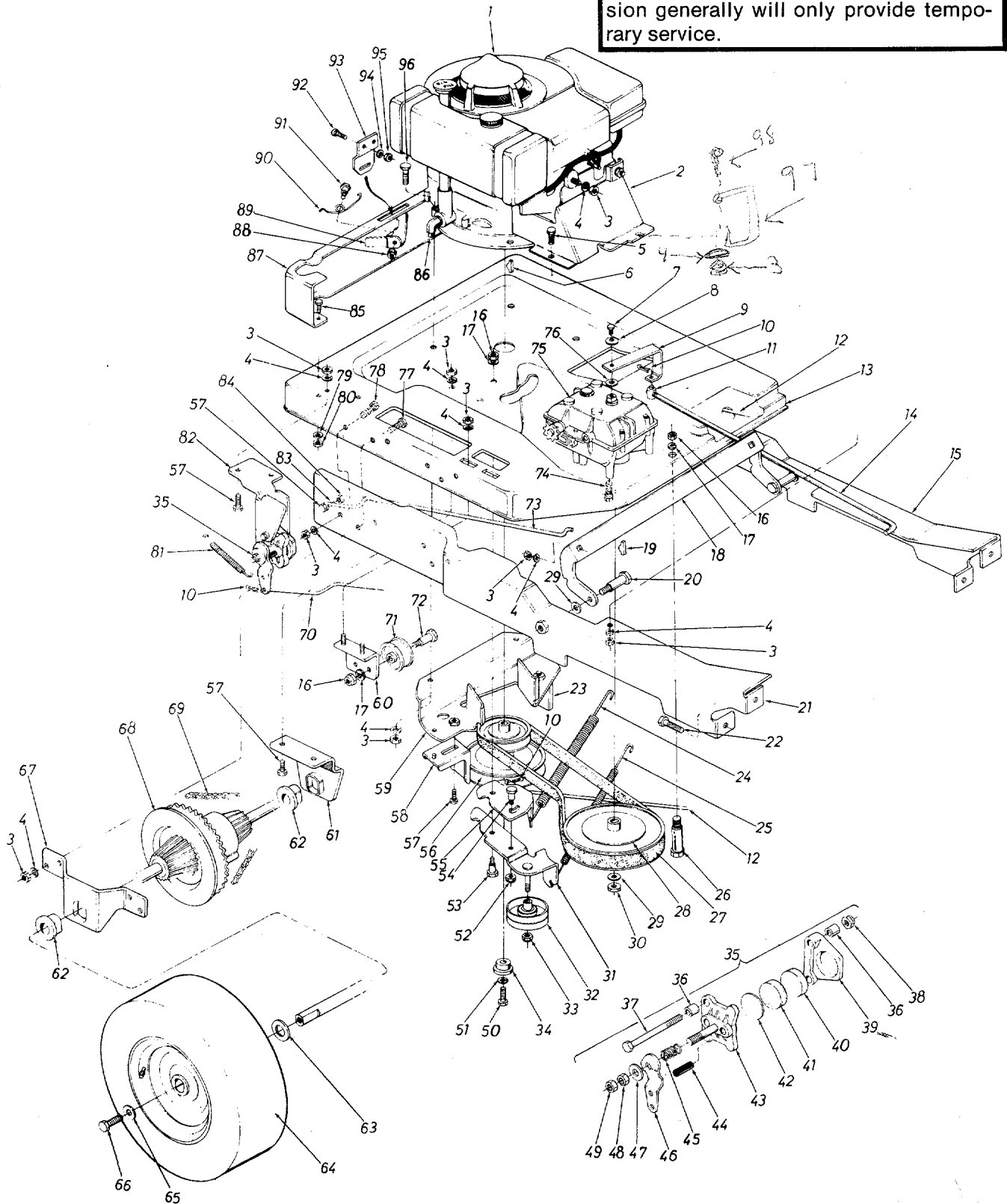
When ordering parts if color or finish is important, use the appropriate color code shown at above (e.g. Red Flake Finish—12032 (462).)

136-445 A



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.



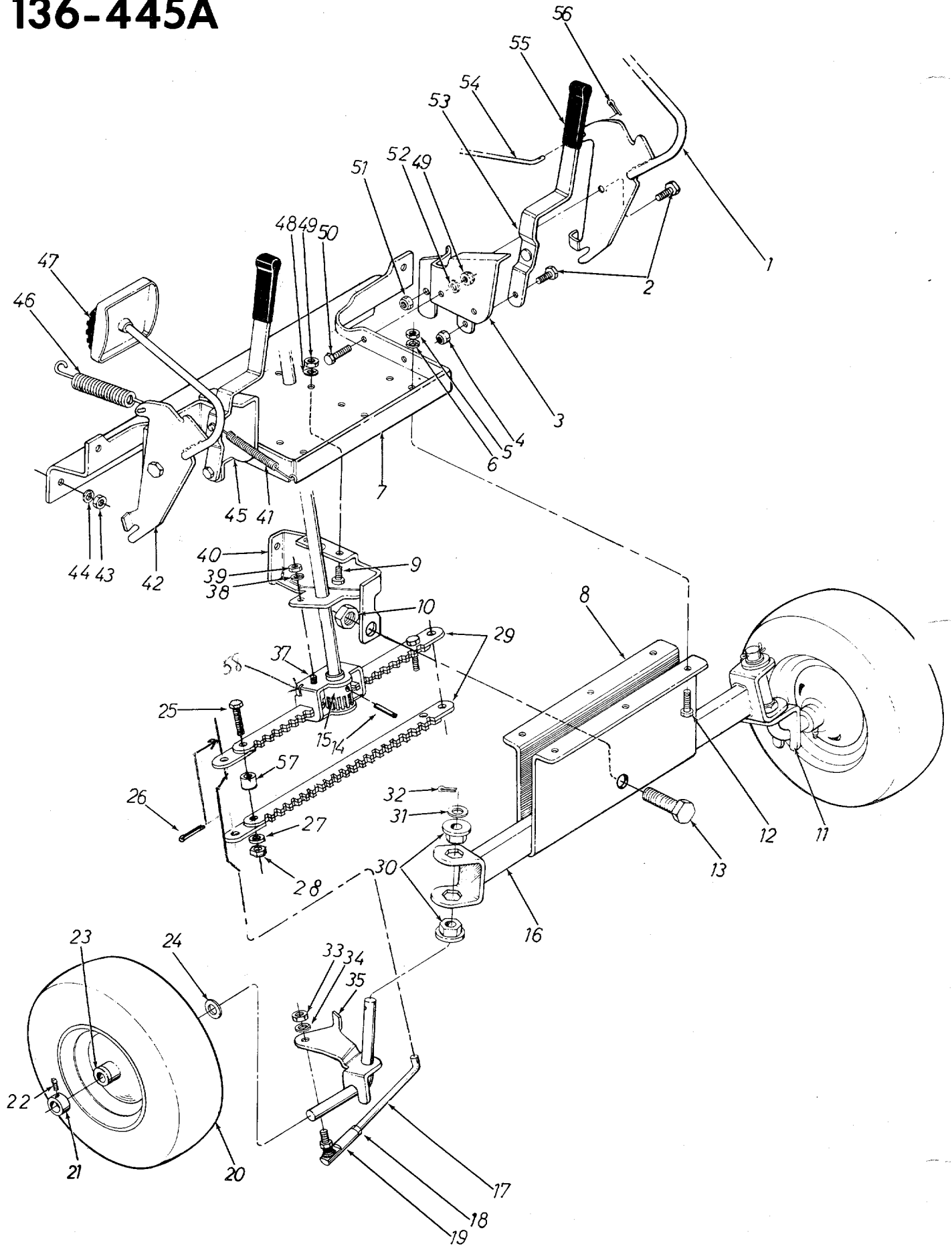
PARTS LIST FOR MODEL 136-445A

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	—		Engine		53	738-0143		Shld. Scr. .500 Dia. x .340	
2	12025		Hot Air Duct		54	738-0147		Shld. Scr. .500 Dia. x .170	
3	712-0267		Hex Nut 5/16-18 Thd.*		55	12030		Idle Pivot Brkt.	
4	736-0119		L-Wash. 5/16 Scr.*		56	756-0200		Two Step Engine Pulley	
5	710-0198		Hex Sems Scr. 5/16-18 x .75*		57	710-0198		Hex Sems Scr. 5/16-18 x .75	
6	714-0365		#6 Hi-Pro Key 5/32 x 5/8					Lg.*	
			Dia.*		58	12038		Belt Keeper	
7	710-0107		Hex Scr. 5/16-24 x .50 Lg.*		59	12023		Belt Guard Ass'y.	
8	736-0242		Belleville Wash. .345 I.D.		60	12019		Chain Idler Ass'y.	
9	12064		Shift Brkt.		61	12053		Bearing Support	
10	714-0507		Cotter Pin 3/32 x .75*		62	741-0199		Flange Bearing—Plastic	N
11	711-0392		Adjustment Ferrule		63	736-0134		Flat Wash. .812 I.D.*	
12	747-0119		Clutch Rod		64	734-0524		Rear Wheel Ass'y.—Comp.	
13	12022		Engine Mtg. Plate			734-0427		Tire Only 15" x 6"	
14	747-0118		Shift Rod			734-0521		Rim Only	
15	12011		Side Rail L.H.			734-0255		Valve Stem	
16	712-0375		Hex Cent. L-Nut 3/8-16 Thd.*		65	736-0242		Belleville Washer	
17	736-0105		Spring L-Wash. 3/8 Scr.*		66	710-0627		Hex Scr. w/Lock 5/16-24 x	
18	12034		Hinge					.75 Lg.	
19	714-0129		#4 Hi-Pro Key 3/32 x 5/8"		67	12051		Bearing Brkt.	
			Dia.*		68	717-0321		Differential Ass'y.—Comp.	
20	738-0214		Shld. Scr. .625 Dia. x 1.5" Lg.					(See separate drawing)	
21	12012		Side Rail Ass'y. R.H.		69	713-0174		#420 Chain 1/2 x 71 Links	
22	710-0216		Hex Scr. 3/8-16 x .75 Lg.*			713-0154		#420 Master Link	
23	12036		Belt Keeper		70	747-0117		Brake Rod	
24	732-0185		Ext. Spring		71	756-0192		Flat Idler	
25	732-0185		Tension Spring		72	738-0145		Shld. Scr. .500 x .48 Lg.	
26	738-0119		Shld. Scr. .62 x 1.75		73	747-0114		Rear Cover Prop	
27	754-0200		V-Belt 1/2 x 48		74	710-0198		Hex Sems Scr. 5/16-18 x .75	
28	756-0174		Transmission Pulley					Lg.*	
29	736-0921		Spring L-Wash. 1/2 Scr.*		75	—		Transmission 4 Speed—	
30	712-0922		Hex Jam Nut 1/2-20					Peerless	
31	12055		Idler Brkt. Ass'y.		76	717-0234		Hardened Washer	
32	756-0178		Flat Idler		77	710-0322		Hex Sems Scr. 5/16-18 x 1	
33	712-0116		Hex Ins. L-Nut 3/8-24*					Lg.*	
34	711-0572		Step Washer		78	710-0198		Hex Sems Scr. 5/16-18 x	
35	761-0151		Brake Ass'y.—Comp.					.75 Lg.*	
36	HH-11-03527		Bushing .442 Dia. x .375 Lg.		79	736-0329		L-Wash. 1/4 Scr.*	
37	710-0395		Hex Scr. 5/16-18 x 2.25 Lg.*		80	712-0287		Hex Nut 1/4-20 Thd.*	
38	712-0158		Hex Cent. L-Nut 5/16-18		81	732-0157		Brake Return Spring	
			Thd.*		82	12060		Brake Hanger Brkt.	
39	HH-12-04338		Casting Carrier		83	736-0159		Flat Wash. .344 I.D.*	
40	HH-15-0374		Friction Pad 1.110 Dia. x		84	712-0158		Hex Centerlock Nut 5/16-18	
			.245 Thick					Thd.*	
41	HH-15-03078		Friction Pad 1.110 Dia. x		85	710-0289		Hex Scr. 1/4-20 x .50 Thd.*	
			.430 Thick		86	737-0125		90° Elbow Male to Female	
42	HH-03-03033		Back Up Washer					3/8" Thd.*	
43	HH-12-03357		Casting Cam			737-0103		Sq. Hd. Pipe Plug*	
44	HH-05-03034		Push Pin		87	12026		Rear Panel	
45	HH-06-03031		Spring		88	712-0287		Hex Nut 1/4-20 Thd.*	
46	HH-18-03001		Cam Lever		89	12371		Hook Brkt.	
47	HH-03-03032		Washer			11249		Knob	
48	712-0134		Hex Top L-Nut		90	732-0301		Spring	
49	712-0237		Hex Centerlock Nut		91	738-0137		Shld. Scr.	
50	710-0539		Hex Scr. 3/8-24 x 1.75 Lg.		92	710-0134		Carr. Bolt 1/4-20 Thd.*	
			H.T.*		93	12370		Latch Brkt.	
51	736-0217		Spring L-Wash. 3/8 Scr.*		94	736-0329		L-Wash. 1/4 Scr.*	
52	712-0375		Hex Cent. L-Nut 3/8-16 Thd.*		95	710-0287		Hex Nut 1/4-20 Thd.*	
					96	710-0442		Hex Scr. 5/16-18 x 1 1/2 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.

97 732-0286 Belt Guide 5/16-18 x 1.00 Lg.*
98 710-0322 Hex Scr.
When ordering parts if color or finish is important, use the appropriate color code shown at left. (e.g. Red Flake Finish—12032 (462).)

136-445A



PARTS LIST FOR MODEL 136-445A

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	12004		Foot Pedal Ass'y.		29	11048		Steering Rack (2 needed)	
2	738-0147		Shld. Scr. .500" Dia. x .170		30	748-0227		Flange Bearing	
3	12009		L.H. Brake Pivot Brkt.		31	736-0116		Flat Wash. .635 I.D. *	
4	712-0375		Hex Center L-Nut 3/8-16 Thd.		32	714-0115		Cotter Pin 1/8 Dia. x 1" Lg. *	
5	712-0267		Hex Nut 5/16-18 Thd. *		33	712-0711		Hex Jam Nut 3/8-24 Thd. *	
6	736-0119		Spring L-Wash. 5/16" Scr. *		34	736-0217		Spring L-Wash. 3/8 Scr. *	
7	12003		Front Frame		35	09706		Front Axle Ass'y. R.H.	
8	12444		Front Pivot Brkt.	N	37	710-0323		Cross Recess Truss Hd. Scr. 5/16-18 x .75" Lg.	
9	710-0198		Hex Sems Scr. 5/16-18 x .75 *		38	736-0119		Spring L-Wash. 5/16 Scr. *	
10	712-0923		Hex Center L-Nut 5/8-18 Thd. *		39	712-0267		Hex Nut 5/16-18 Thd. *	
11	09709		Front Axle Ass'y. L.H.		40	12445		Steering Box Support	N
12	710-0198		Hex Sems Scr. 5/16-18 x .75 *		41	732-0264		Spring	
13	710-0312		Hex Scr. 5/8-18 x 1.31 Lg. *		42	12004		Foot Pedal Ass'y.	
14	715-0134		Spring Pin 3/16 Dia. x 1.50" Lg.		43	712-0798		Hex Nut 3/8-16 Thd. *	
15	748-0203		Spur Gear 12 Tooth		44	736-0217		Spring L-Wash. 3/8 Scr. *	
16	12440		Pivot Bar Ass'y.		45	12010		R.H. Pivot Brkt.	
17	747-0115		Tie Rod		46	732-0260		Brake Tension Spring	
18	712-0711		Hex Jam Nut 3/8-24 Thd. *		47	12378		Pad—Vinyl	
19	723-0156		Ball Joint		48	736-0119		Spring L-Wash. 5/16 Scr. *	
20	734-0488		Front Wheel Ass'y.—Comp.		49	712-0267		Hex Nut 5/16-18 Thd. *	
21	711-0169		Collar		50	710-0198		Hex Sems Scr. 5/16-18 x .75 *	
22	710-0494		Sq. Hd. Set Scr. 5/16-18 x .375 *		51	712-0375		Hex Centerlock Nut 3/8-16 Thd. *	
23	748-0184		Flange Bearing		52	736-0119		Spring L-Wash. 5/16 Scr. *	
24	736-0156		Flat Wash. .625 I.D. *		53	12058		Pedal Lock Lever Ass'y.	
25	710-0606		Hex Scr. 1/4-20 x 1.50		54	747-0119		Clutch Rod	
26	714-0507		Cotter Pin 3/32 Dia. x .75 Lg. *		55	720-0142		Grip	
27	736-0329		Spring L-Wash. 1/4 Scr. *		56	714-0507		Cotter Pin 3/32 Dia. x .75 Lg. *	
28	712-0287		Hex Nut 1/4-20 Thd. *		57	750-0287		Spacer	N
					58	11074		Steering housing	

*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.

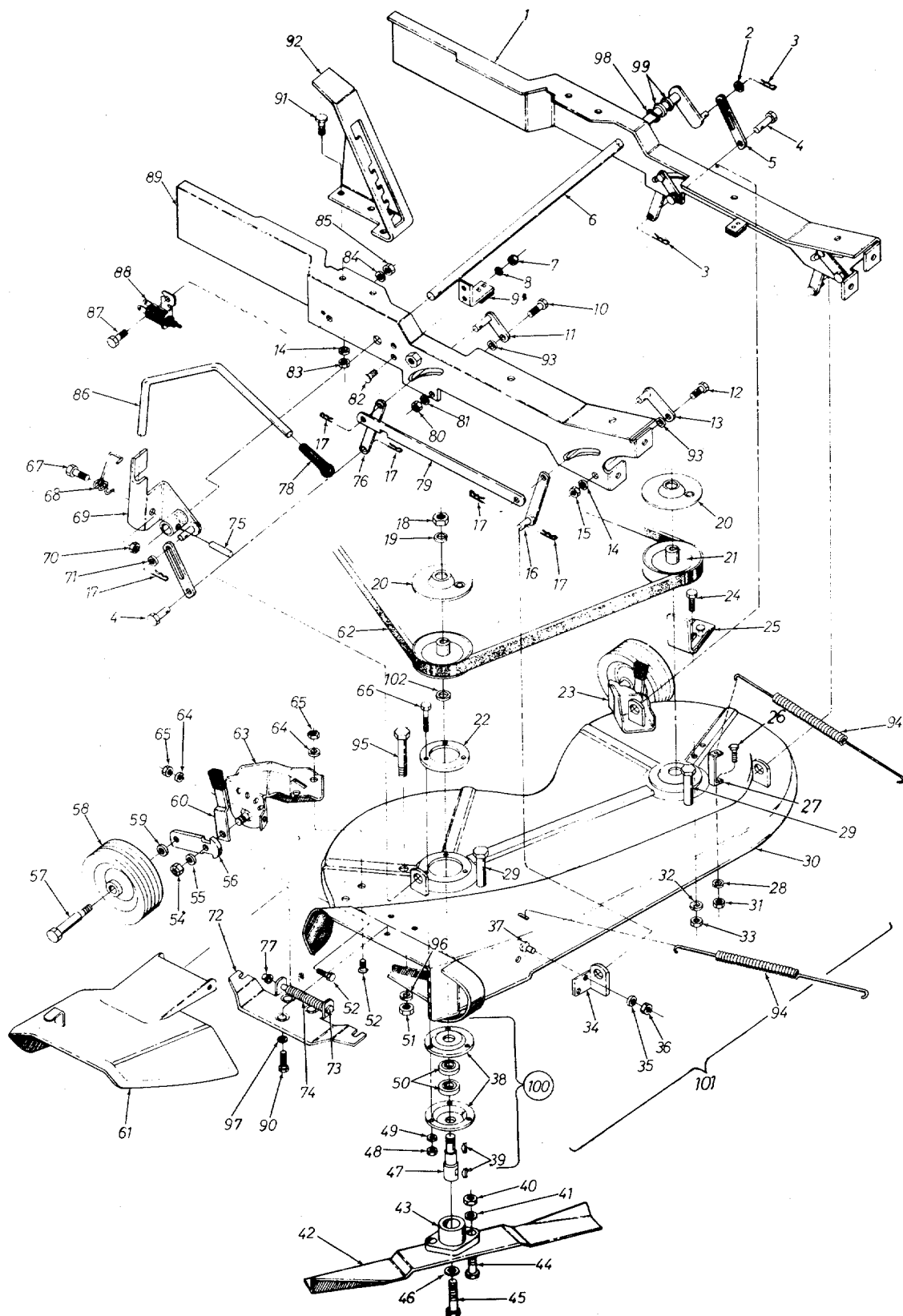
(462—Red Flake)

When ordering parts if color or finish is important, use the appropriate color code listed above. (e.g. Red Flake Finish—12032 (462).)

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."



136-445A



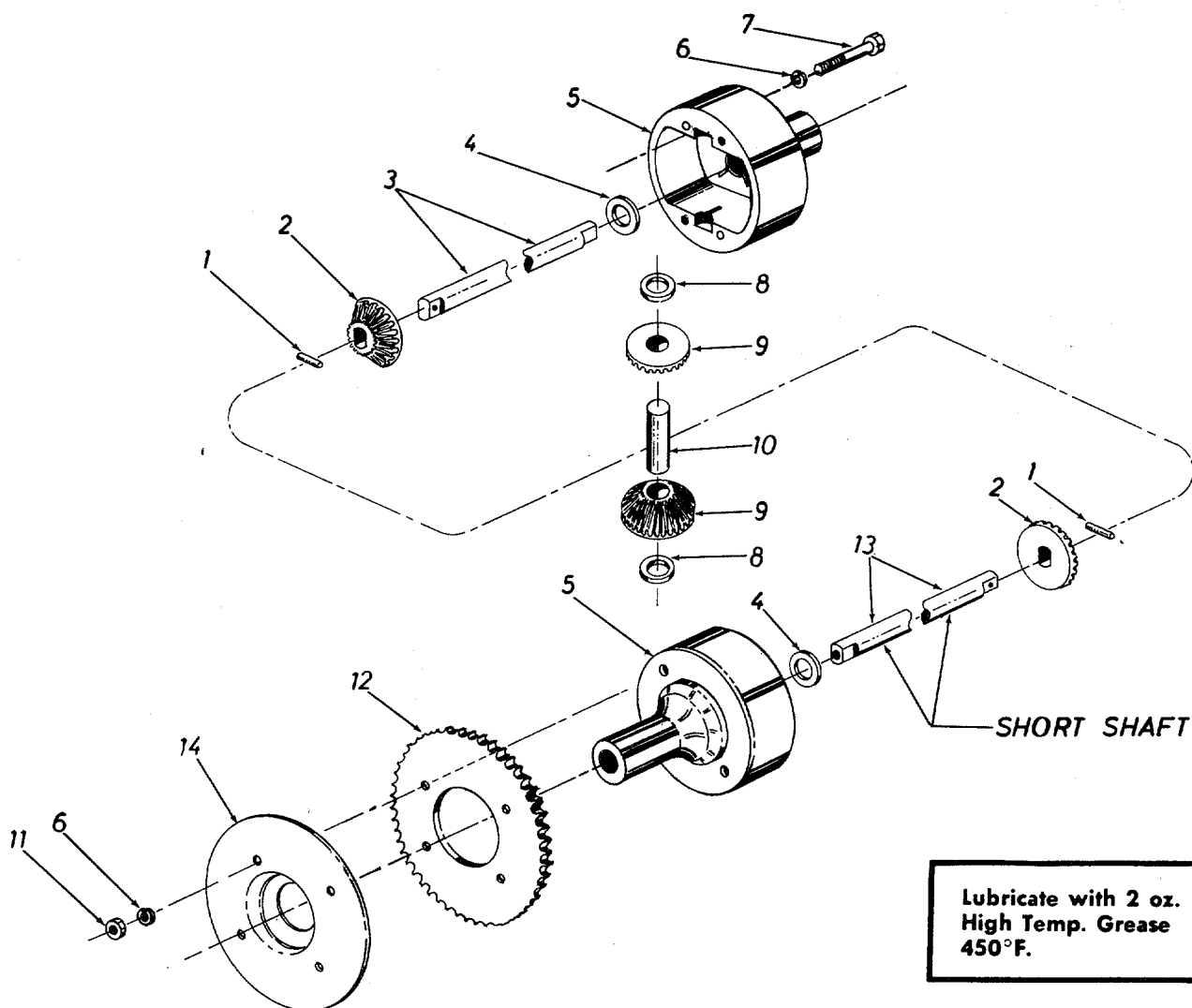
PARTS LIST FOR DECK VIEW MODEL 136-445A

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	12011		Side Rail Ass'y. — L.H.		49	736-0119		Spring Lockwasher 5/16"	
2	736-0192		Flat Washer .531 I.D. x .930					Scr.*	
			O.D. x .090		50	741-0919		Ball Bearing	
3	714-0101		Internal Cotter Pin for .500"		51	712-0798		Hex Nut 3/8-16 Thd.*	
			Pin		52	710-0289		Hex Scr. 1/4-20 x .50" Lg.*	
4	711-0332		Lift Brake Pin (Special)		53	11633		Chute Cover Ass'y. — Comp.	
5	09737		Slotted Link		54	712-0116		Hex Inserted Locknut 3/8-24	
6	12015		Lift Shaft Ass'y.					Thd.	
7	712-0287		Hex Nut 1/4-20 Thd.*		55	736-0219		Belleville Washer .40" I.D. x	
8	736-0329		Spring Lockwasher 1/4" Scr.*					1.13 O.D. x .030	
9	761-0150		Blade Brake Ass'y. -		56	10937		Wheel Pivot Bar	
10	738-0140		Shld. Scr. .437" Dia. x .180		57	738-0119		Shld. Scr. 5/8" Dia. x 1.75"	
11	09721		Pivot Link Ass'y.					Lg.	
12	738-0140		Shld. Scr. .437" Dia. x .180		58	734-0295		5" Wheel Ass'y.	
13	09721		Pivot Link Ass'y.		59	736-0105		Belleville Washer .400 I.D. x	
14	736-0119		Spring Lockwasher 5/16"					.88" O.D. x .060	
			Scr.*		60	10949		Spring Lever Ass'y. with	
15	712-0267		Hex Nut 5/16-18 Thd.*					Knob	
16	12068		Deck Link Ass'y.		61	11633		Chute Cover Ass'y. — Comp.	
17	714-0101		Internal Cotter Pin for .500"		62	754-0178		"V"-Belt 21/32 x 82" Lg.	
			Pin		63	11236		Wheel Bracket Ass'y. — R.H.	
18	712-0242		Hex Jam Nut 5/8-11 Thd.		64	736-0329		Spring Lockwasher 1/4" Scr.	
19	736-0158		Spring Lockwasher 5/8" Scr.*		65	712-0287		Hex Nut 1/4-20 Thd.*	
20	11530		Brake Disc Ass'y. (For Blade		66	710-0322		Hex Sems Scr. 5/16-18 x	
			Pulley)					1.00" Lg.*	
21	756-0251		Deck Pulley		67	710-0606		Hex Scr. 1/4-20 x 1.50" Lg.*	
22	09164		Reinforcement Plate		68	732-0231		Torsion Spring	
23	11237		Wheel Bracket Ass'y. — L.H.		69	12017		Handle Bracket Ass'y.	
4	710-0198		Hex Sems Scr. 5/16-18 x		70	712-0107		Hex Center Locknut 1/4-20	
			.75" Lg.*					Thd.	
25	10427		Belt Keeper Ass'y.		71	736-0192		Flat Washer .531 I.D. x .930	
26	710-0158		Hex Scr. 1/4-20 x .62" Thd.					O.D. x .090	
27	12405		Deck Spring Brkt.		72	11399		Adapter Ass'y.	
28	736-0329		Spring Lockwasher 1/4 Scr.*		73	711-0571		Hinge Pin	
29	738-0129		Shld. Scr. .498" Dia. x 2.00"		74	732-0261		Torsion Spring	
			Lg.		75	715-0107		Spring Pin 5/16" Dia. x	
30	12028		Deck Ass'y.					1.38" Lg.*	
31	712-0287		Hex Nut 1/4-20 Thd.*		76	10317		Deck Link	
32	736-0119		Spring Lockwasher 5/16"		77	726-0106		Push Nut 1/4" Rod	
			Scr.*		78	720-0143		Grip	
33	712-0267		Hex Nut 5/16-18 Thd.*		79	09735		Connecting Rod	
34	12334		Deck Bracket	N	80	712-0267		Hex Nut 5/16-18 Thd.*	
35	736-0329		Spring Lockwasher 1/4" Scr.*		81	736-0119		Spring Lockwasher 5/16"	
36	712-0287		Hex Nut 1/4-20 Thd.*					Scr.*	
37	710-0289		Hex Scr. 1/4-20 x .50		82	710-0134		Carriage Bolt 1/4-20 x .62"	
38	08253		Bearing Cup					Lg.*	
39	714-0365		#6 Hi-Pro-Key 5/32 x 5/8"		83	712-0267		Hex Nut 5/16-18 Thd.*	
			Dia.		84	736-0329		Spring Lockwasher 1/4" Scr.*	
40	712-0123		Hex Nut 5/16-24 Thd.*		85	712-0287		Hex Nut 1/4-20 Thd.*	
41	736-0119		Spring Lockwasher 5/16"		86	12061		Lift Handle	
			Scr.*		87	710-0298		Hex Scr. 1/4-20 x .50" Lg.*	
42	742-0120		17 Inch Blade		88	725-0268		Safety Switch	
43	10769		Blade Adapter Kit		89	12012		Side Rail Ass'y. — R.H.	
44	710-0117		Hex Scr. 5/16-24 x 1.00" Lg.		90	710-0195		Hex Scr. 1/4-28 x .62" Lg.	
			Heat Treated		91	710-0198		Hex Sems Scr. 5/16-18 x	
45	710-0459		Hex Scr. 3/8-24 x 1.50" Lg.					.75" Lg.*	
			Heat Treated		92	12050		Index Bracket	
3	736-0217		Spring Lockwasher 3/8"		93	736-0264		Flat Washer .344 I.D. x .62"	
			Scr. Heavy Duty					O.D. x .063	
47	711-0597		Blade Spindle		94	732-0307		Deck Extension Spring	
18	712-0267		Hex Nut 5/16-18 Thd.*						

PARTS LIST (CONTINUED)

REF. NO.	PART NO.	COLOR CODE		NEW PART
95	738-0213		Shld. Scr. .498" Dia. x 1.450" Lg.	
96	736-0169		Spring Lockwasher 3/8" Scr.*	
97	736-0329		Spring Lockwasher 1/4" Scr.*	
98	736-0174		Wave Washer .62" I.D.	
99	736-0162		Flat Washer .635" I.D. x .930" O.D. x .100	
100	12036		Blade Spindle Ass'y.—Comp.	
101	12361		34 Inch Deck Ass'y.—Comp.	
102	736-0162		Flat Washer .635 I.D. x .930 O.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.

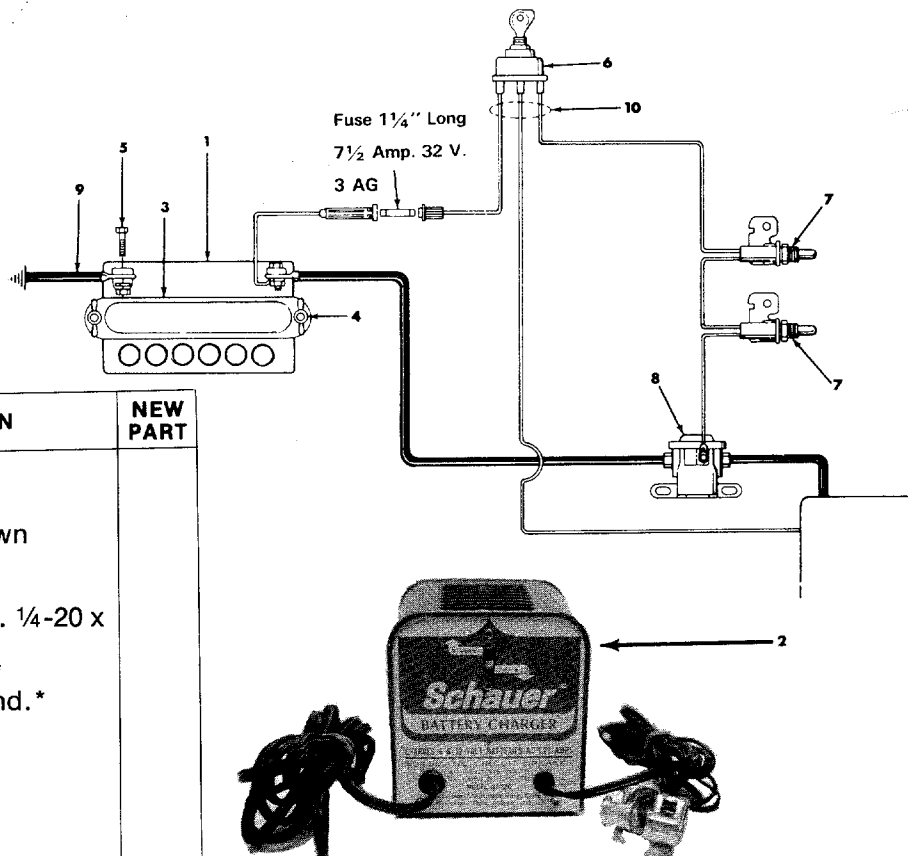


PARTS LIST FOR DIFFERENTIAL ASS'Y. 717-0329

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	715-0247		Spring Pin Spiral 3/16" Dia. x 1.00" Lg.	
2	748-0185		Gear—Double "D" Hole	
3	738-0298		Shaft—Long—19.81" Lg.	N
4	736-0188		FI-Wash. .760 I.D. x 1.49 O.D. x .06 HDN	
5	717-0341		Diff. Hsg. Half	N
6	736-0119		L-Wash. 5/16" Scr.*	
7	710-0363		Hex Scr. 5/16-24 x 4.00	
8	736-0187		FI-Wash. .640 I.D. x 1.24 O.D. x .06 HDN	
9	748-0158		Miter Gear DWG	
10	711-0276		Drive Pin Diff.	
11	712-0237		Hex Cent. L-Nut 5/16 x 24	
12	713-0162		Sprocket 48 Teeth	
13	738-0299		Shaft—Short—8.52" Lg.	N
14	10286		Brake Disc	

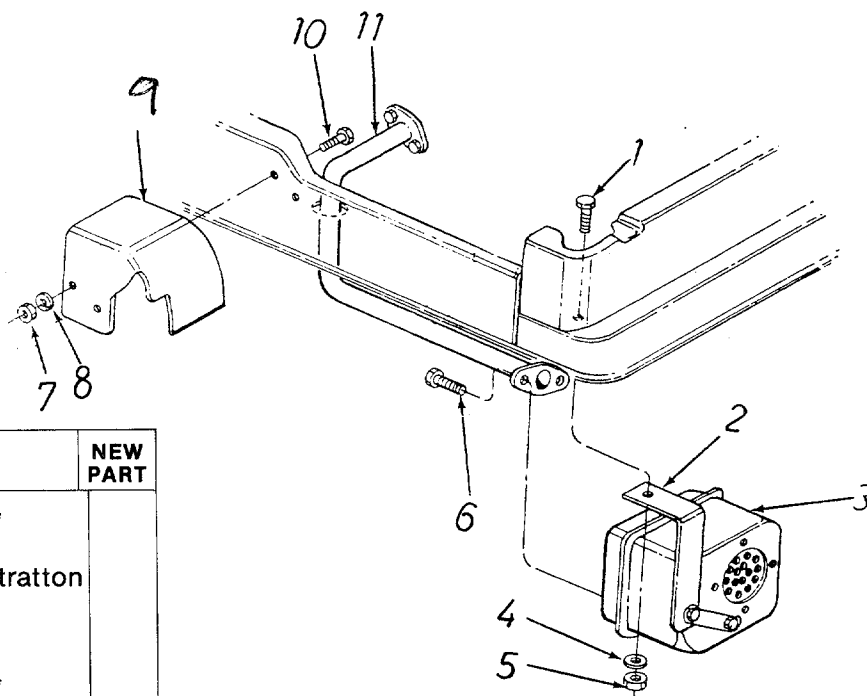
*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

136-445A



PARTS LIST FOR MODEL 136-445A

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	725-0453		Battery	
2	725-0156		Charger	
3	12614		Battery Hold Down	
4	711-0222		Hold Down Rod	
	712-0113		Wing Nuts	
5	710-0258		Hex Hd. Cap Scr. 1/4-20 x 5/8 Lg.*	
	736-0329		L-Wash. 1/4 Scr.*	
	712-0287		Hex Nut 1/4-20 Thd.*	
6	725-0267		Key Switch	
	725-0201		Key	
7	725-0268		Safety Switch	
	725-0277		Safety Switch	
8	725-0270		Solenoid	
9	725-0297		Ground Wire	
10	725-0382		Wire Harness	



PARTS LIST FOR MODEL 136-445A

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	710-0289		Hex Scr. 1/4-20 x .50*	
2	12008		Muffler Strap	
3	—		Muffler—Briggs & Stratton Part	
4	736-0329		L-Wash. 1/4 Scr.*	
5	712-0287		Hex Nut 1/4-20 Thd.*	
6	710-0289		Hex Scr. 1/4-20 x .50*	
7	712-0287		Hex Nut 1/4-20 Thd.*	
8	736-0329		L-Wash. 1/4 Scr.*	
9	12067		Exhaust Pipe Shield	
10	710-0289		Hex Scr. 1/4-20 x .50*	
11	12043		Exhaust Pipe Ass'y.	

*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, parts numbers, description of parts and the quantity of each part required.

ALABAMA	BIRMINGHAM	
Auto Electric & Carburetor Co.	2625 4th Ave. S.	35233
ARKANSAS	NORTH LITTLE ROCK	
Sutton's Lawn Mower Shop	Rt. 4, Box 368	72117
	FORT SMITH	
Mity Mite Motors, Inc.	2515 Towson Ave.	72901
CALIFORNIA	SAN BERNARDINO	
Lawn Mower Supply Co.	25608 E. Baseline	92410
	SAN FRANCISCO	
J.W. Jewett Co.	981 Folsom St.	94107
	SACRAMENTO	
Luttig & Severson	2030 28th St.	95818
COLORADO	DENVER	
South Denver Lawn Equip.	527 West Evans	80223
CONNECTICUT	SUFFIELD	
The Jones & Ramsey Co.	850 Thompsonville Rd.	06078
FLORIDA	JACKSONVILLE	
Radco Distributors	2403 Market St.	32206
	CORAL GABLES	
Moz-All of Florida, Inc.	365 Greco Ave.	33146
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
	CORYDON	
Brown Equip. Dist., Inc.	110 Beech St.	47112
IOWA	DUBUQUE	
Power Lawn & Garden Equip.	2551 J.F. Kennedy	52001
KANSAS	WICHITA	
Hixon, Inc.	3030 Mascot	67204
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	MOUNT CLEMENS	
Power Equipment Dist.	36463 South Gratiot	48043
	LANSING	
Lorenz Service Co.	2500 S. Pennsylvania	48900
MINNESOTA	MINNETONKA	
Hance Distributing Inc.	11212 Wayzata Blvd.	55343
MISSISSIPPI	BILOXI	
Biloxi Sales & Service, Inc.	506 Caillavet St.	39533
MISSOURI	KANSAS CITY	
Automotive Equip. Service	3117 Holmes St.	64109
	ST. LOUIS	
Henzler, Inc.	2015 Lemay Ferry Rd.	63125
NEBRASKA	OMAHA	
R.P.W., Inc.	7402 "L" St.	68127

BRIGGS & STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

Briggs & Stratton, Tecumseh and Peerless parts a 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

NEW YORK	CARTHAGE	
Gamble Dist., Inc.	West End Ave.	13619
	SYRACUSE	
Kimber's, Inc.	115 N. Geddes St.	13204
	ROCHESTER	
Henry W. O'Neil & Associates	410 N. Goodman St.	14609
NORTH CAROLINA	GREENSBORO	
Dixie Sales Company	327 Battleground Ave.	27402
	GOLDSBORO	
Smith Hardware Co.	515 N. George St.	27530
OHIO	WADSWORTH	
National Central	687 Seville Rd.	44281
	CLEVELAND	
Bleckrie, Inc.	7900 Lorain Ave.	44102
	CARROL	
Stebe's Mid-State Mower Supply	Box 366	43112
	WILLARD	
Sunshine Wholesale Tire Outlet	Route 224	44890
	MANSFIELD	
McClure Lawn & Garden Supply	1114 Lexington Ave.	44903
OKLAHOMA	MUSKOGEE	
Victory Motors, Inc.	605 S. Cherokee	74401
	ADA	
Ada Auto Supply	301 E. 12th St.	74820
OREGON	PORTLAND	
Kenton Supply Co.	8216 N. Denver Ave.	97217
PENNSYLVANIA	LANCASTER	
Raub Supply Co.	James & Mulberry Sts.	17604
	PITTSBURGH	
Bluemont Co.	11125 Frankstown Rd.	1521
TENNESSEE	KNOXVILLE	
Master Repair Service	2423 Broadway, N.E.	37917
	MEMPHIS	
Memphis Cycle & Supply Co.	421 Monroe Ave.	38103
American Sales & Service, Inc.	1922 Lynnbrook	38117
TEXAS	DALLAS	
Marr Brothers, Inc.	423 E. Jefferson	75203
	HOUSTON	
Bullard Supply Co.	2409 Commerce St.	77003
	SAN ANTONIO	
Catto & Putty, Inc.	P.O. Box 2408	78206
	FORT WORTH	
Woodson Sales Corp.	1702 N. Sylvania	76111
UTAH	SALT LAKE CITY	
A-1 Engine & Mower Co.	437 E. 9th St.	84111
VERMONT	BURLINGTON	
Vermont Appliance Co.	44 Lakeside Ave.	05401
VIRGINIA	RICHMOND	
RBI Corp.	963 Myers St.	23260
WASHINGTON	SEATTLE	
Bailey's Rebuild, Inc.	1325 E. Madison St.	98102
WEST VIRGINIA	CHARLESTON	
Young's, Inc.	233 Virginia St., E.	25301
WISCONSIN	APPLETON	
Automotive Supply Co.	123 S. Linwood Ave.	54911

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.