TEN CENTS

OWNER'S MANUAL

- ASSEMBLY
- OPERATION
- MAINTENANCE
- PARTS LIST

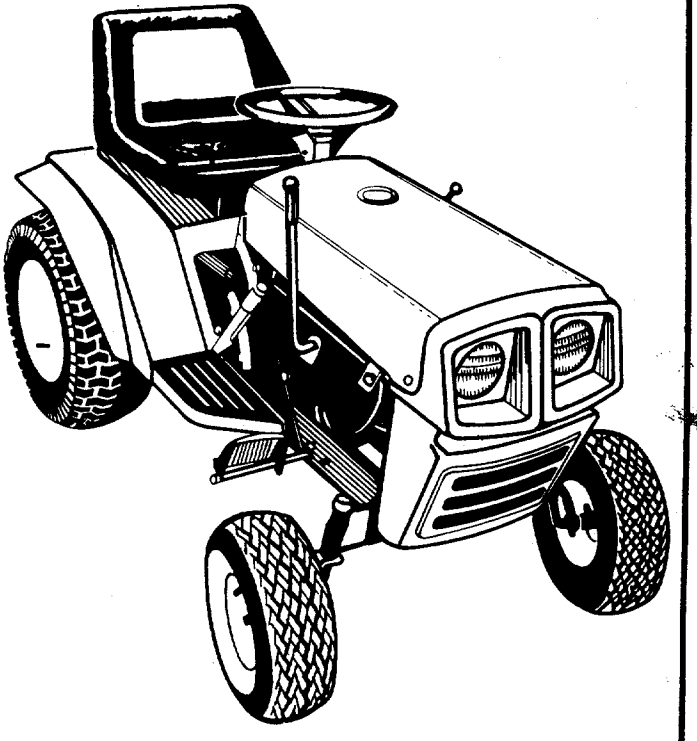
Model Nos.
147-760A
147-760-300

762 Deck
42"

Important:

Read Safety Rules and Instructions Carefully

10 H.P. COMPACT TRACTORS



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FORM NO. 770-6794

➡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.

Your rotary mower is a precision piece of power equipment, not a plaything. Therefore exercise extreme caution at all times.

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. Only persons well acquainted with these rules of safe operation should be allowed to use your mower.
3. Do not carry passengers.
4. Keep the area of operation clear of all persons, particularly small children and pets. Stop engine when they are in the vicinity of your mower. 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.
5. Clear work area of objects which might be picked up and thrown by the mower in any direction.
6. Disengage all attachment clutches and shift into neutral before attempting to start engine.
7. Disengage power to attachment(s) and stop engine before leaving operator position.
8. 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.
9. Before attempting to unclog the mower or discharge chute, stop the engine and 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.
10. Disengage power to attachment(s) when transporting or not in use.
11. 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.
12. Do not stop or start suddenly when going uphill or downhill. Mow up and down face of steep slopes; never across the face.
13. Reduce speed on slopes and in sharp turns to prevent tipping or loss of control. Exercise extreme caution when changing direction on slopes.
14. Stay alert for holes in terrain and other hidden hazards.
15. 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.
16. Watch out for traffic when crossing or near roadways.
17. When using any attachments never direct discharge of material toward bystanders nor allow anyone near vehicle while in operation.
18. 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.
19. Keep the vehicle and attachments in good operating condition, and keep safety devices in place. Use guards as instructed in owner's manual.
20. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
21. 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.
22. To reduce fire hazard keep engine free of grass, leaves or excessive grease.
23. 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.
24. Do not change the engine governor settings or overspeed the engine.
25. 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.
26. Check grass catcher bags frequently for wear or deterioration. For safety protection replace only with new bag meeting original equipment specifications.
27. Look behind to make sure the area is clear before placing the transmission in reverse and backing up.

INDEX

GRASS CATCHER Model No. 197-015A is available as optional equipment for the mowers shown in this manual.

WARNING

The mower shall 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. Use factory replacement bag Number 764-0121.

ASSEMBLY

The steering wheel and seat, with the necessary hardware, are easily assembled to the machine. The battery must be activated and installed as outlined in this section and the cutting deck must be attached.

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.

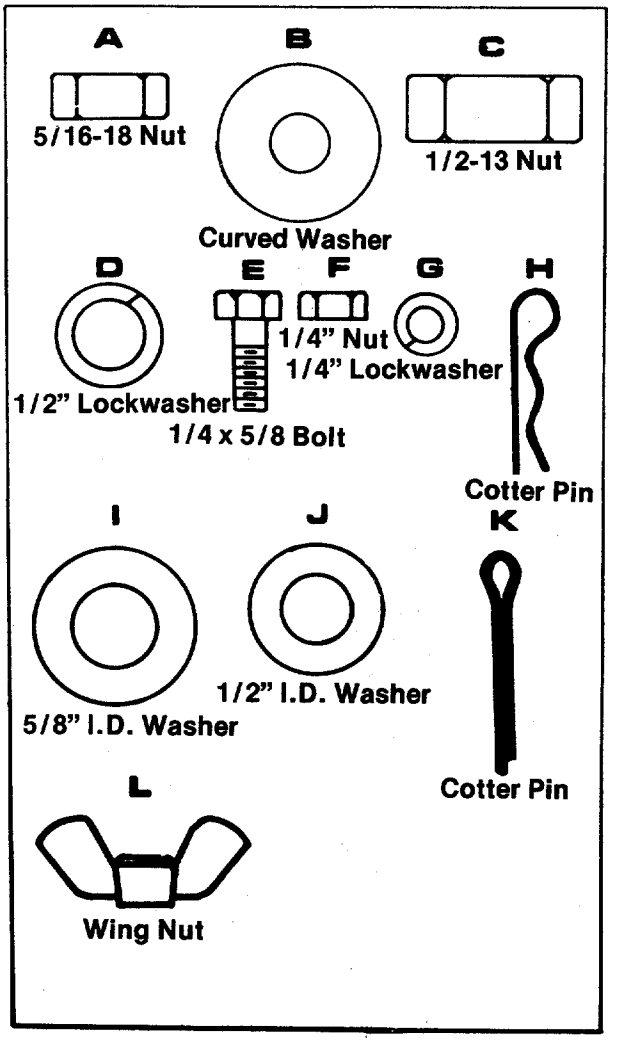


FIGURE 1. HARDWARE SUPPLIED

TOOLS NEEDED
½" Open End or Box Wrench
¾" Open End or Box Wrench
(2) 7/16" Open End Wrench
Pliers

FIGURE 2.

NOTE

Reference to right hand side of machine is from the normal operating position facing forward.

Step 1. Remove the tractor and all parts from the carton. Make certain that all loose parts and literature have been removed before the carton is discarded.

Step 2. Place the steering wheel over the tapered end of the steering column. Press it down until the threaded end sticks through the steering wheel. See figure 3.

NOTE

Line up the two flat sides of the steering wheel hole and the two flat sides of the steering column.

Step 3. Place the washer "B" over the steering column, then the nut "A".

Step 4. Tighten the nut with a ½" wrench.

Step 5. Press the cap on the steering wheel by hand.

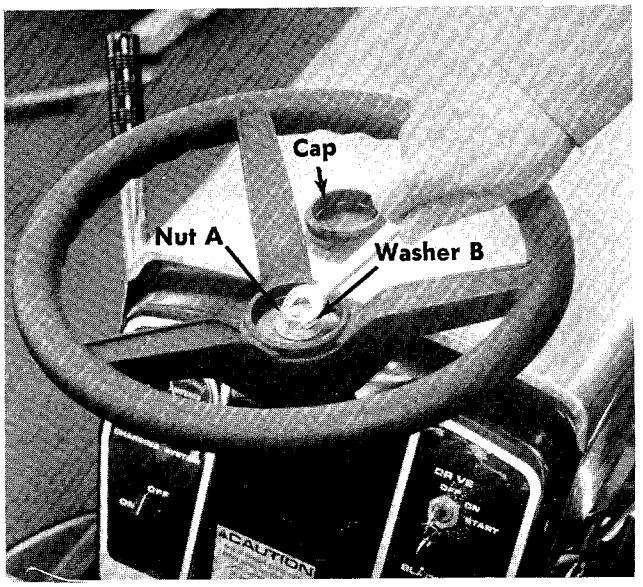


FIGURE 3.

Step 6. Place rubber pad "N" over one of the mounting holes in the seat spring. See figure 4.

Step 7. Place the bolt on the seat through the rubber pad and the seat spring.

Step 8. Assemble the rubber washer "M" and flat washer "D" over the seat bolt and secure with nut "C".

Step 9. Activate the battery.

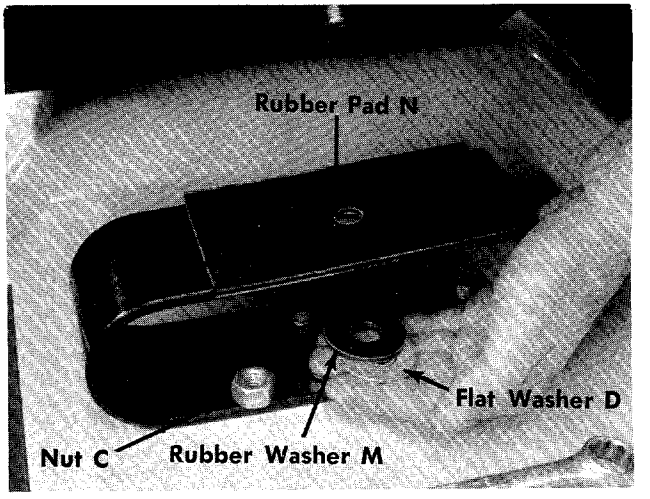


FIGURE 4. SEAT ASSEMBLY

BATTERY INFORMATION FOR ELECTRIC START MODELS

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.

WARNING

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 ½ 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 next column.

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

Step 1. Place the battery in the battery case with the terminals to the rear. (See figure 5.)

NOTE

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

Step 2. Hook the hold down rods under the battery case and place the hold down over both rods.

Step 3. Secure the hold down with the wing nuts "L". Tighten hand tight. (See figure 5.)

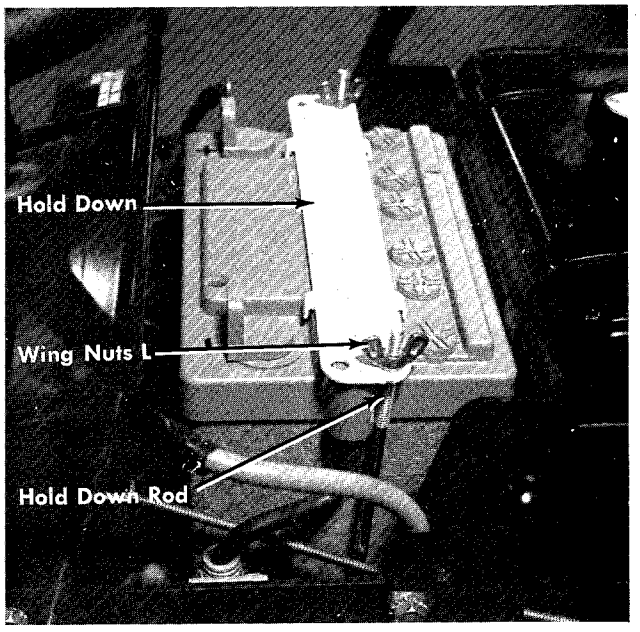


FIGURE 5.

Step 4. Attach the positive cable (from the starter solenoid) and the small wire (from the ammeter) to the positive battery terminal with the bolt "E", lockwasher "G" and nut "F" in the assembly pack. (See figure 6.)

Step 5. Attach the negative cable, grounded, to the negative battery terminal with the bolt "E", lockwasher "G" and nut "F" in the assembly pack.

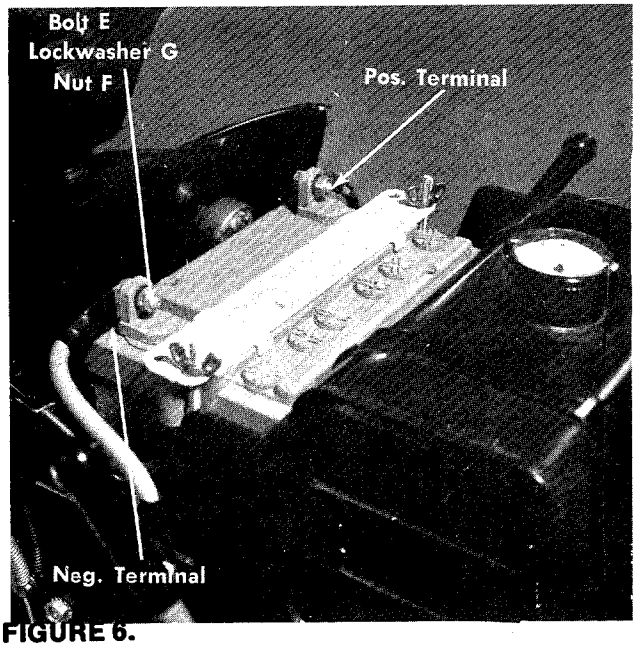


FIGURE 6.

Step 6. Cut the black rubber tubing approximately 6 inches long.

Step 7. Push the rubber tubing into the manifold of the battery and place the other end into the drain tube. (See figures 7 and 8.)

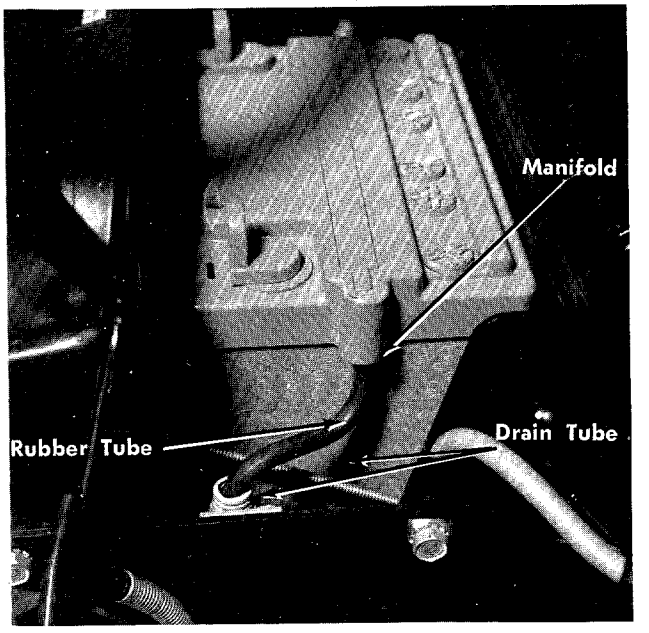


FIGURE 7.

NOTE

The vented battery allows any gases or liquid from the battery to be carried to the rear of the mower through the drain tube.

CAUTION

If the tractor is tipped up on end for any reason the battery must be removed. There may be a small amount of acid in the drain tube that can come out when the tractor is tipped.

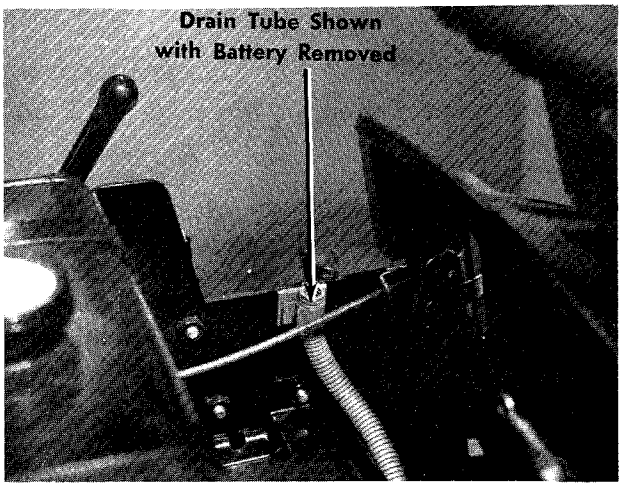


FIGURE 8.

CONTROLS AND PRELIMINARY CHECKS

CONTROLS

The controls on your tractor may be considered as the following:

a. Throttle control. The throttle control is used to regulate the engine speed and choke the engine. The engine should be operated from ¾ to full throttle when operating the cutting deck or snow thrower. (Optional)

b. Gear Shift Lever. Use the following guide for gear selection.

1st Gear:
- Heavy grass cutting
- Snow Blade
- Snow Thrower
- Pulling heavy loads

2nd Gear:
- Normal grass cutting
- Light snow throwing
- Pulling light loads

3rd Gear:
- Light grass cutting
- Road Gear

Reverse:
- Used to back up

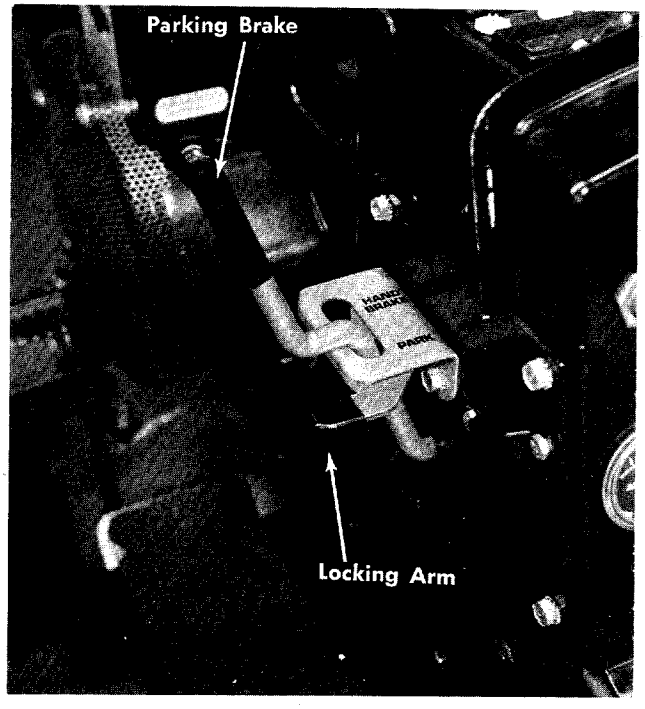


FIGURE 9. CONTROLS

c. Parking Brake. To set the parking brake, pull the parking brake lever back and hold it in the locked position while moving the locking arm to the left. See figure 9.

d. Clutch-Brake Pedals Depress both of them all the way down to stop of shift gears. Release pedals slowly to engage. See figures 10 and 11.

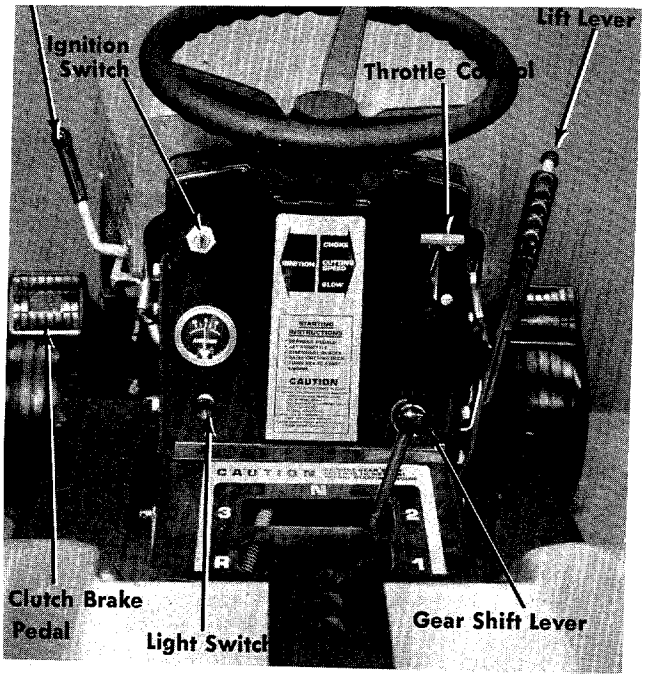


FIGURE 10. PARKING BRAKE

NOTE

The pedals must be depressed in order to start the engine.

CAUTION

Do not shift while in motion.

e. PTO Lever. The PTO lever engages the deck belt when it is moved forward. Moving it to the rear disengages the deck belt. The engine will not start unless the PTO is in the OFF position as shown in figure 11.

f. Lift Lever. Depress the thumb button and pull back on the lift lever to raise the attachments. See figure 11.

g. Ignition Switch. Turn the switch all the way to the right to engage the starter. As soon as the engine starts, release the ignition key so that the starter is switched off. Turn the key to the left to shut off the engine. See figure 10.

NOTE

The clutch-brake pedal must be depressed and the PTO lever must be in the OFF position before the starter will operate.

h. Light Switch. Pull the light switch out to turn on the lights. See figure 10.

i. Ammeter. The ammeter registers the rate of battery charge or discharge. The ammeter should register on the plus (+) side when the engine is running in the fast position until the battery is completely charged. With a fully charged battery or with the engine idling the ammeter will not show a charge. See figure 10.

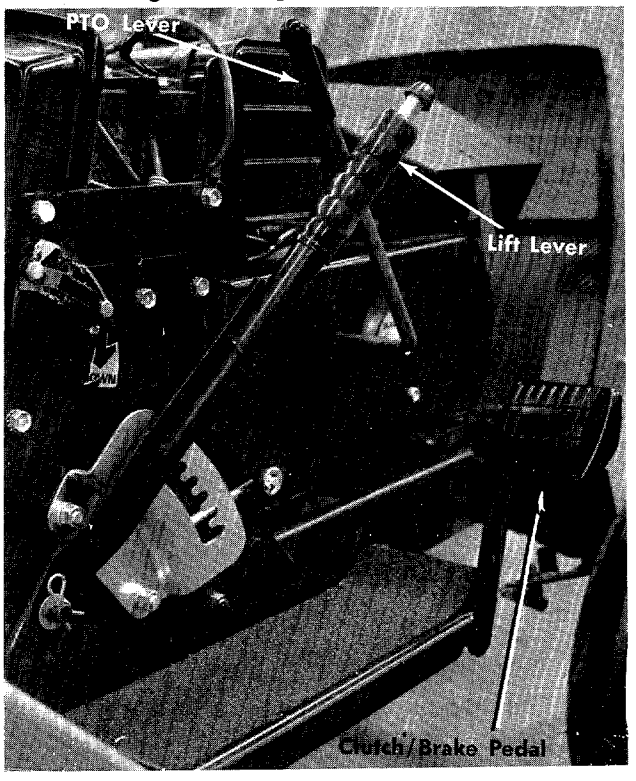


FIGURE 11. CONTROLS

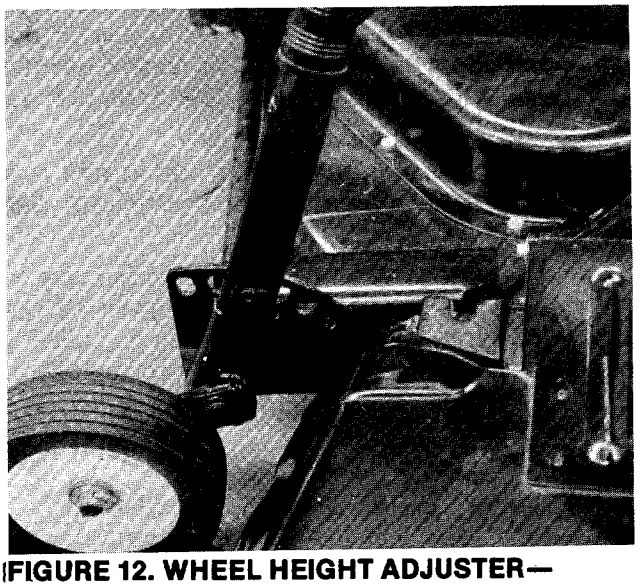


FIGURE 12. WHEEL HEIGHT ADJUSTER— 42" DECK

j. 42" Cut Deck. The cutting height is adjustable by moving the height adjustment lever by the right deck wheel. Both deck wheels raise and lower together. See figure 12.

CHECKING OIL AND GASOLINE

NOTE

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

Briggs & Stratton. Use a high quality detergent oil classified "For Service SC or SD or MS". Nothing should be added to the recommended oil.

Summer. (Above 40°F.) Use SAE 30. If not available use SAE 10W-30 or SAE 10W-40.

Winter. (Under 40°F.) Use SAE 5W-20 or SAE 5W-30. If not available, use SAE 10W or SAE 10W-30. Below 0°F., use SAE 10W or SAE 10W-30 diluted 10% with kerosene.

Place the engine level. Fill the oil sump to the FULL mark on the dipstick. Pour slowly. See figure 13.

Crankcase Capacity. 10 H.P.—2¾ pints.

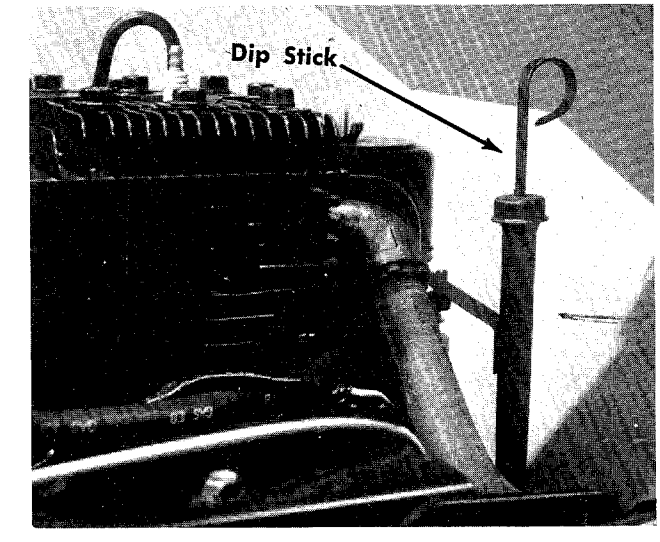


FIGURE 13. BRIGGS & STRATTON DIPSTICK

OPERATING INSTRUCTIONS

WARNING

The mower shall not be operated without the entire grass catcher (optional) or chute deflector in place.

NOTE

Under normal usage the grass catcher bag material is subject to wear and should be checked periodically. Be sure any replacement grass catcher bag complies with the mower manufacturer's recommendations. Use factory replacement bag number 764-0121.

After striking a foreign object, stop the engine, remove the wire from the spark plug, thoroughly inspect the mower for any damage and repair the damage before restarting and operating the mower.

STARTING THE ENGINE

Refer to page 8 for information regarding oil and gasoline requirements, check that spark plug wire is connected, then proceed as follows:

Step 1. Be sure the fuel shut-off valve is open. See figure

Step 2. With the machine set on level ground place the gear shift lever in NEUTRAL (N) position. See figure 10.

Step 3. Place the PTO lever in the OFF position as shown in figure 11.

Step 4. Depress the clutch brake pedals all the way down. See figure 11.

Step 5. Set the throttle control in the CHOKE position.

Step 6. Turn the ignition key to the right to START position to start the engine. Allow the key to return to the ON position. See figure 10.

NOTE

A brief break-in period is essential to ensure maximum engine and mower life. This consists of running the engine at half speed for a period of time required to use one tank of gasoline. It is also recommended to change crankcase oil after the first 2 hours of operation.

Step 7. Set the desired cutting height. See figure 12.

Step 8. Lower the cutting deck with the lift lever. See figure 11.

Step 9. Slowly engage the PTO lever. See figure 11.

STOPPING THE ENGINE

To stop the engine, turn the ignition key to the left to the OFF position. Do not leave the key in the ignition switch.

WARNING

Whenever the mower is left unattended, disconnect the spark plug lead and remove the ignition key.

STOPPING THE BLADES

Move the PTO lever towards you to stop the blades from turning. See figure 11.

STOPPING THE RIDER

To stop the rider from moving forward or backward, depress the clutch-brake pedals. See figure 10.

CAUTION

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

CAUTION

Parking brake MUST be disengaged before unit is put into motion.

NOTE

Unit is equipped with separate brake and clutch pedals. To efficiently stop, it is necessary to disengage clutch when applying brakes.

MAINTENANCE

TROUBLESHOOTING

Refer to the chart on page 23 for troubleshooting engine problems.

CRANKCASE OIL

To ensure maximum engine performance, perform the following periodic maintenance:

a. Oil Check

Check the oil level in the crankcase before each use of the machine and after every two hours of operation. Keep the oil level between ADD and FULL. See figure 13.

b. Oil Change

After the first two hours of operating a new engine, drain the oil (see figure 14) from the crankcase while engine is still hot and refill crankcase with new oil; thereafter change the oil after every 25 hours of operation. This procedure ensures for minimum wear of engine parts and provides for virtually trouble-free operation. To change the oil, proceed as follows:

Step 1. Remove oil filler plug.
Step 2. Drain the oil through the hole in the frame.
Step 3. Replace oil filler plug.
Step 4. Refill crankcase with oil. See page 9 for quantity and type of oil.

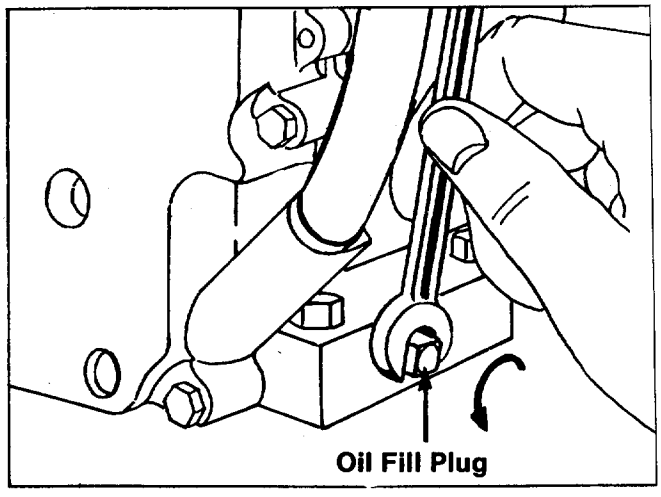


FIGURE 14. BRIGGS & STRATTON OIL DRAIN PLUG

TRANSAXLE LUBRICATION

The transaxle is lubricated at the factory with three pints of SAE 90 E.P. oil. When replacing or adding oil remove the oil fill plug and fill the gear case until it overflows from the fill plug. Replace the oil fill plug. Remove the drain plug from the bottom of the transaxle to drain the oil. The transaxle oil should be checked when the oil is cold. Change the oil once a year. See figure 15.

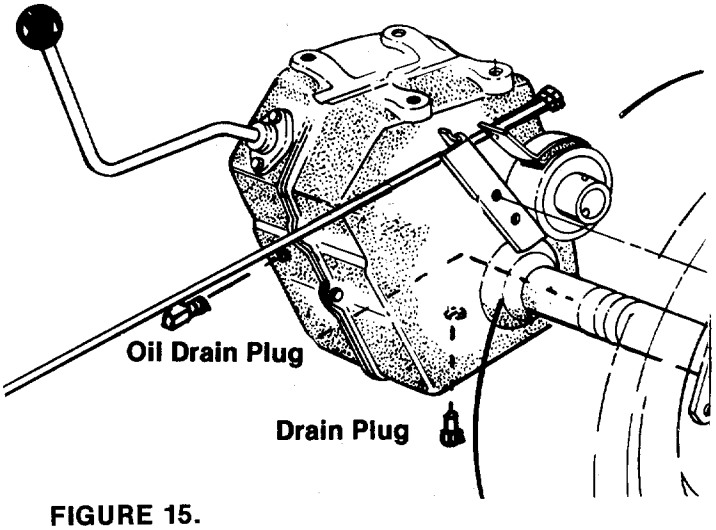


FIGURE 15.

WHEEL BEARING LUBRICATION

Front Wheels—The front wheel bearings are self-lubricating oilite bearings. No additional lubrication is necessary.

Rear Wheels—The rear wheel bearings are lubricated by the oil in the transaxle.

King Pins—The king pins have self-lubricating oilite bearings and require no additional lubrication.

Deck Wheel Bearings—The deck wheels should be removed once a year, cleaned and lubricated with a multi-purpose type of grease.

STEERING GEAR LUBRICATION

Lubricate the teeth on the steering segment, pinion gear and slide with automotive multi-purpose grease after every 24 hours of operation. See figure 16.

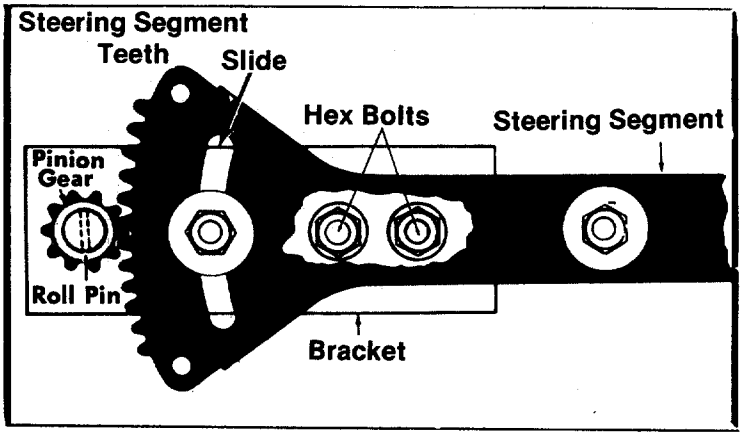


FIGURE 16. STEERING ASSEMBLY

RIGHT ANGLE DRIVE LUBRICATION

Check the lubricant level after every 24 hours of operation. Lubricate with 4 ounces of E.P.G. Lithium grease. Remove the four screws and take off the plate to check the grease level. See figure 17.

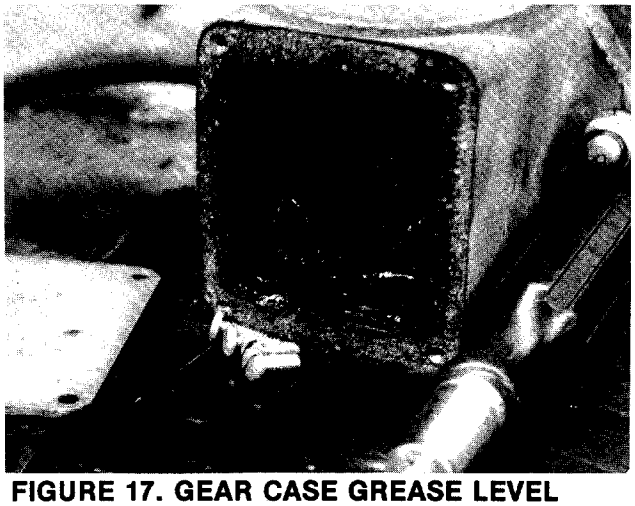


FIGURE 17. GEAR CASE GREASE LEVEL

STEERING ADJUSTMENT

The "play" or looseness of the steering can be adjusted by loosening the two hex bolts on the bracket and lightly tapping the bracket towards the front of the tractor. If the pinion gear becomes worn it can be rotated one-half turn by removing the pin. (See figure 16.)

AIR FILTER

Clean and re-oil foam pre-cleaner at 3 month intervals or every 25 hours, whichever occurs first.

1. Remove wing nut and cover. See figure 18.
2. Remove foam pre-cleaner element by sliding it up off of the paper cartridge.
3. A—Wash foam in liquid detergent and water.
   B—Squeeze dry.
   C—Oil with one ounce engine oil. Squeeze to distribute oil evenly.
4. Assemble to paper cartridge. Reassemble cover and wing nut. Screw wing nut down tight.

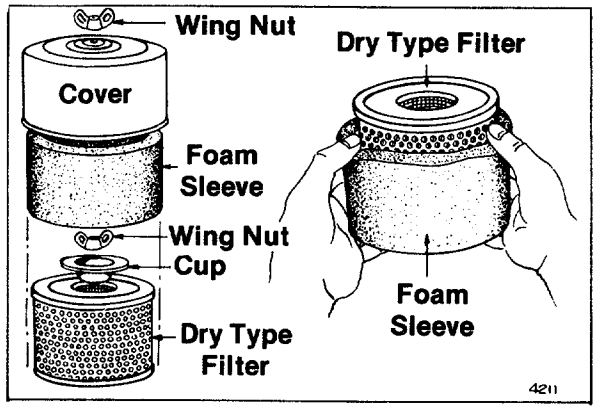


FIGURE 18.

Yearly or every 100 hours, whichever occurs first, remove paper cartridge. Clean by tapping gently on flat surface. If very dirty, replace cartridge, or wash in liquid detergent and water. Rinse until water remains clear. Cartridge must be air dried **thoroughly** before using.

NOTE

Service more often under dusty conditions.

CLUTCH-BRAKE PEDAL ADJUSTMENT

To adjust the angle of the clutch-brake pedal, remove the cotter pin and washer on the clutch rod and turn the clutch rod in or out of the ferrule to obtain the most comfortable angle of the pedal when the pedal is released. Replace the washer and cotter pin. See figure 19.

The brake adjustment is made by using a ½" deep well socket and turning the adjusting nut clockwise through the opening in the back panel. This reduces the distance between the brake band and the drum. See figure 19.

CAUTION

If the spring tension idler goes below the height of the engine pulley when the clutch-brake pedal is depressed it will cause excessive belt wear and the brake should be adjusted. See figure 28.

TRANSMISSION BELT REMOVAL

WARNING

Remove spark plug lead.

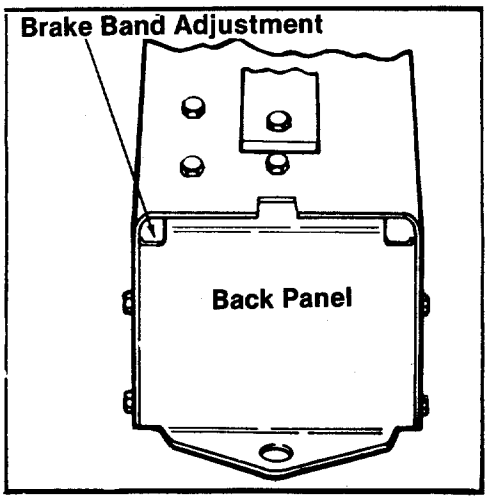


FIGURE 19. BACK PANEL

Step 1. Remove the hex bolt from the spring tension idler.

NOTE

The idler bracket is notched so the belt clip will be correctly positioned.

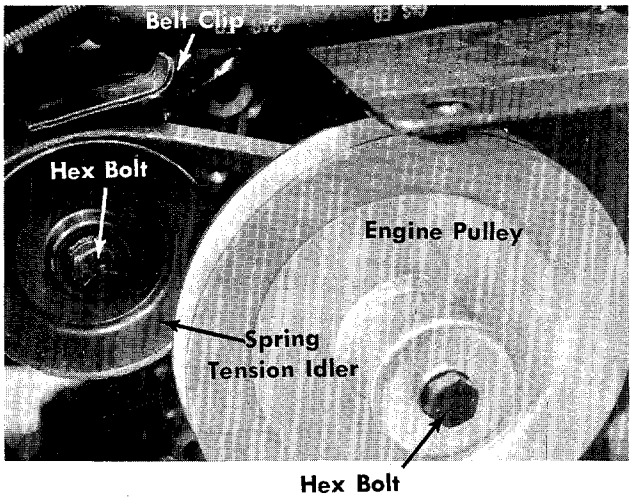


FIGURE 21. ENGINE PULLEY

Step 2. Remove the hex bolt holding the engine pulley to the crankshaft of the engine. Pull the pulley off so the belt can be removed. See figure 29.

Step 3. Remove the shoulder bolt near the transaxle pulley. See figure 28.

Step 4. Remove the hex nut on the pulley.

Step 5. Slide off the pulley.

Step 6. Re-assemble in reverse order with a new V-belt.

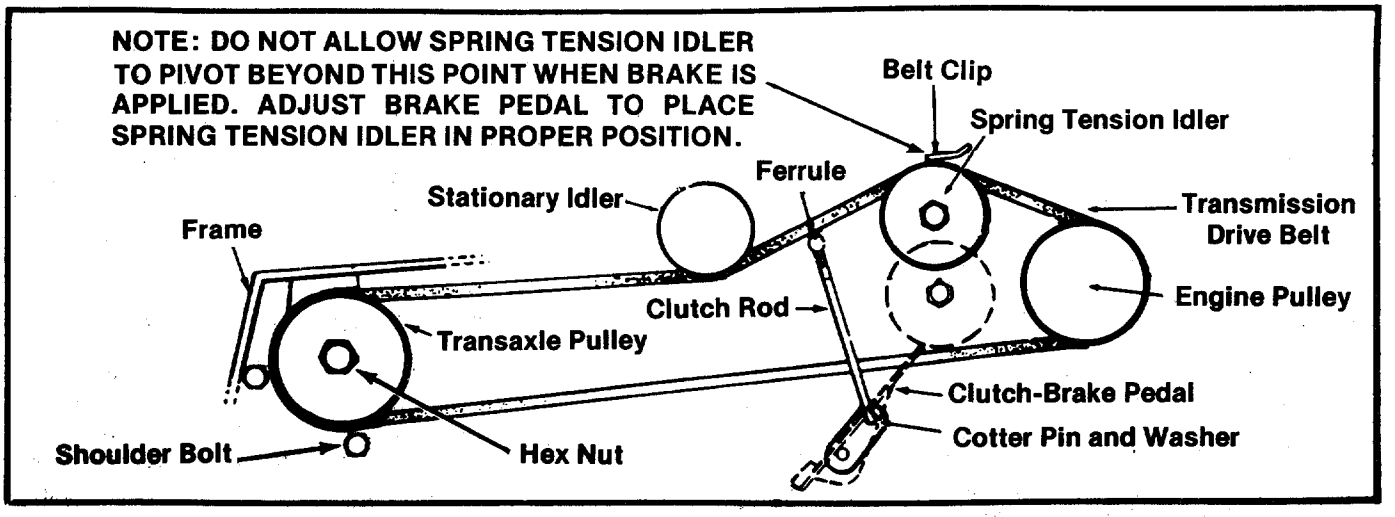


FIGURE 20. CLUTCH BRAKE PEDAL ADJUSTMENT

BLADE BELT—42" (See Separate Manual)

REMOVING AND SHARPENING BLADES

Remove the center bolt and lockwasher. See figure 22. Pull the blade and blade adapter from the blade spindle.

The adapter can be removed from the blade by removing the two adapter bolts, lockwashers and nuts.

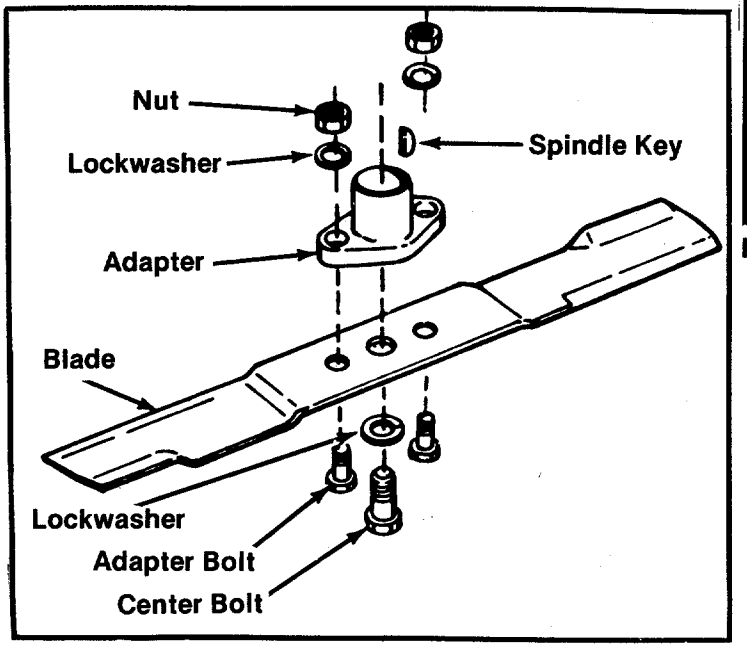


FIGURE 22. BLADE REMOVAL

WHEEL ADJUSTMENT

The caster (forward slant of the kingpin) 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 tractor. The front wheels should toe-in 1/8 inch. To adjust the toe-in, loosen the hex jam nut, remove the elastic locknut, drop the tie-rod end out of the hole in the steering arm and screw the tie-rod end in or out to make the adjustment. The distance "B" must be less than "A" by 1/8 inch. See figures 23 and 24.

To adjust the toe-in follow these steps:

1. Remove the elastic locknut and drop the tie rod from the wheel bracket. See figure 23.
2. Loosen the hex jam nut on the tie rod. See figure 23.
3. Adjust the tie rod assembly for correct toe-in. Dimension "B" should be approximately 1/8" less than dimension "A". See figure 24.
   A.) To increase dimension "B", screw tie rod from tie rod end.
   B.) To decrease dimension "B", unscrew tie rod from tie rod end.
   C.) Reassemble tie rod. Check dimension. Readjust if necessary.

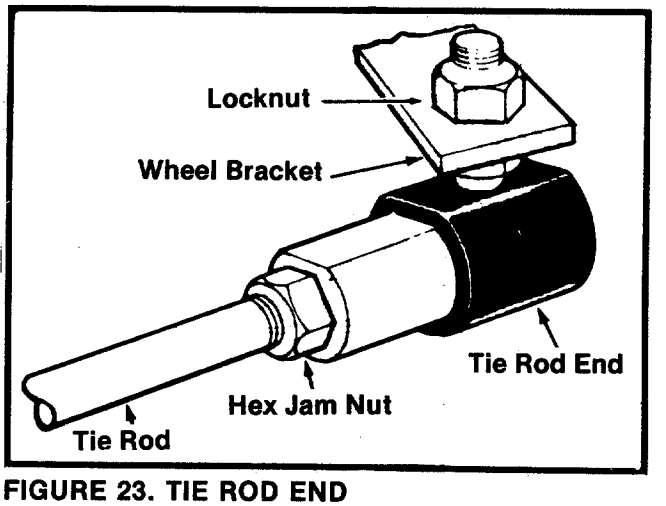


FIGURE 23. TIE ROD END

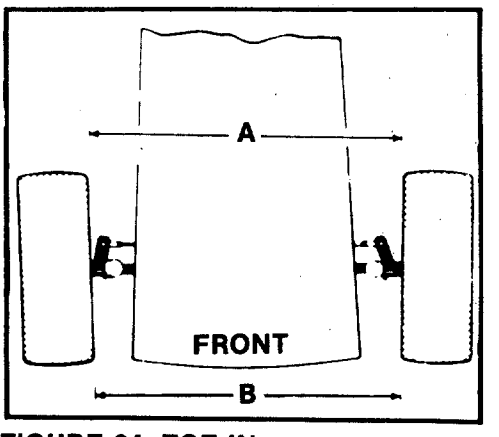


FIGURE 24. TOE-IN

CLEAN COOLING SYSTEM

Grass particles, chaff or dirt may clog the air-cooling system, especially after prolonged service in cutting dry grasses. Continued operation with a clogged cooling system may cause severe overheating and possible engine damage. It is necessary to remove the blower housing to completely clean this area. See figure 25.

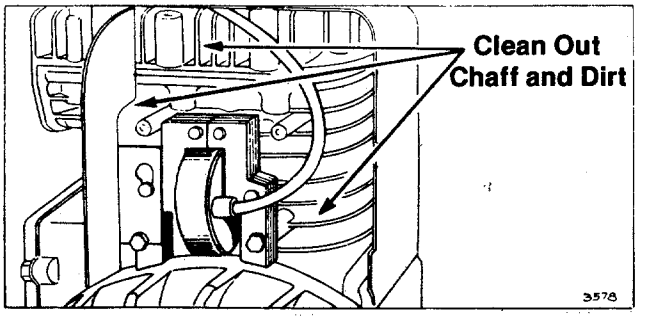


FIGURE 25. COOLING SYSTEM

FUEL SHUT-OFF VALVE AND FILTER

The fuel shut-off valve is located under the gasoline tank and is opened by turning it counterclockwise. See figure 26.

The filter should be replaced once a year to insure operating your engine with clean fuel. To replace the filter, shut off the fuel valve and compress the legs of the clamps on both sides of the filter and slide them back. Replace the filter and replace the clamps.

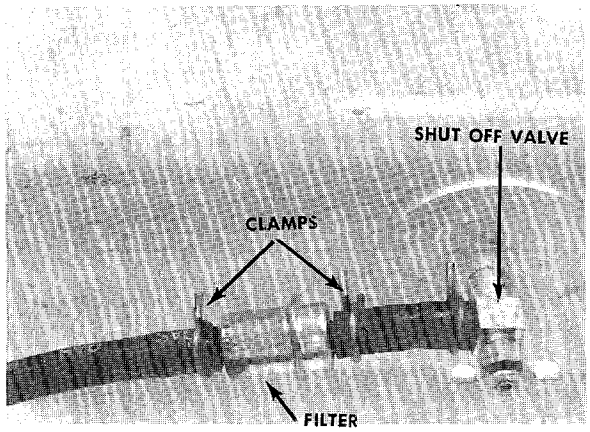


FIGURE 26. SHUT-OFF VALVE

CARBURETOR ADJUSTMENTS

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

To Adjust Carburetor: Turn needle valve clockwise until it just closes. **Caution:** Valve may be damaged by turning it in too far.

Now open needle valve 1 1/8 turns counterclockwise. Close idle valve in same manner and open 1 1-1/8 turns. This initial adjustment will permit the engine to be started and warmed up prior to final adjustment. See figure 27.

Final Adjustment: Turn needle valve in until engine misses (lean mixture) then turn it out past smooth operating point until engine runs unevenly (rich mixture). Now turn needle valve to the mid-point between rich and lean so the engine runs smoothly. Hold throttle at idle position and set idle speed adjusting screw until fast idle is obtained (1750 RPM). Hold throttle in idle position and turn idle valve in (lean) and out (rich) until engine idles smoothly. Then reset idle speed adjusting screw so that engine idles at 1750 RPM. Release throttle—engine should accelerate without hesitation or sputtering. If engine does not accelerate properly, the carburetor should be re-adjusted to a slightly richer mixture. See figure 27.

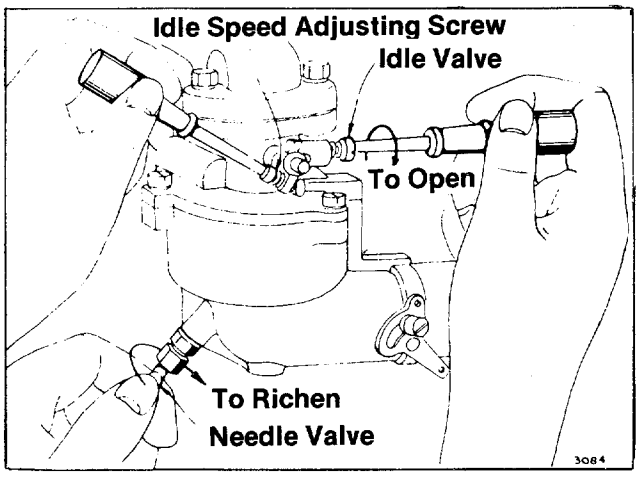


FIGURE 27. CARBURETOR ADJUSTMENT

CHOKE-A-MATIC CARBURETOR CONTROL ADJUSTMENTS

Proper choke and stop switch operation is dependent upon proper adjustment of remote control on the powered equipment.

To Check Operation of Choke-A-Matic Controls:

a. Remove air cleaner.
b. Move remote control lever to CHOKE position. The carburetor choke should be closed.
c. Move remote control to STOP position. Lever should make good contact with stop switch.

To Adjust:

Place remote control lever on equipment in FAST (high speed) position. Loosen control casing clamp screw "B". Move control casing "A" and wire until lever "D" touches choke operating link at "C". Tighten casing clamp screw "B". Replace air cleaner. See figure 28.

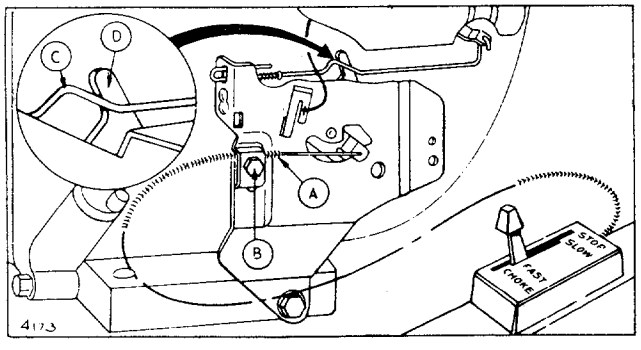


FIGURE 28. CHOKE ADJUSTMENT

OFF-SEASON STORAGE

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

Step 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 carburetor is exhausted.

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

Step 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.

Step 3. Disconnect the spark plug wire and remove the spark plug from the cylinder. Pour about six drops of engine oil into the cylinder and then pull the recoil starter several times to spread the oil on the cylinder wall. Replace the spark plug, but DO NOT connect the wire.

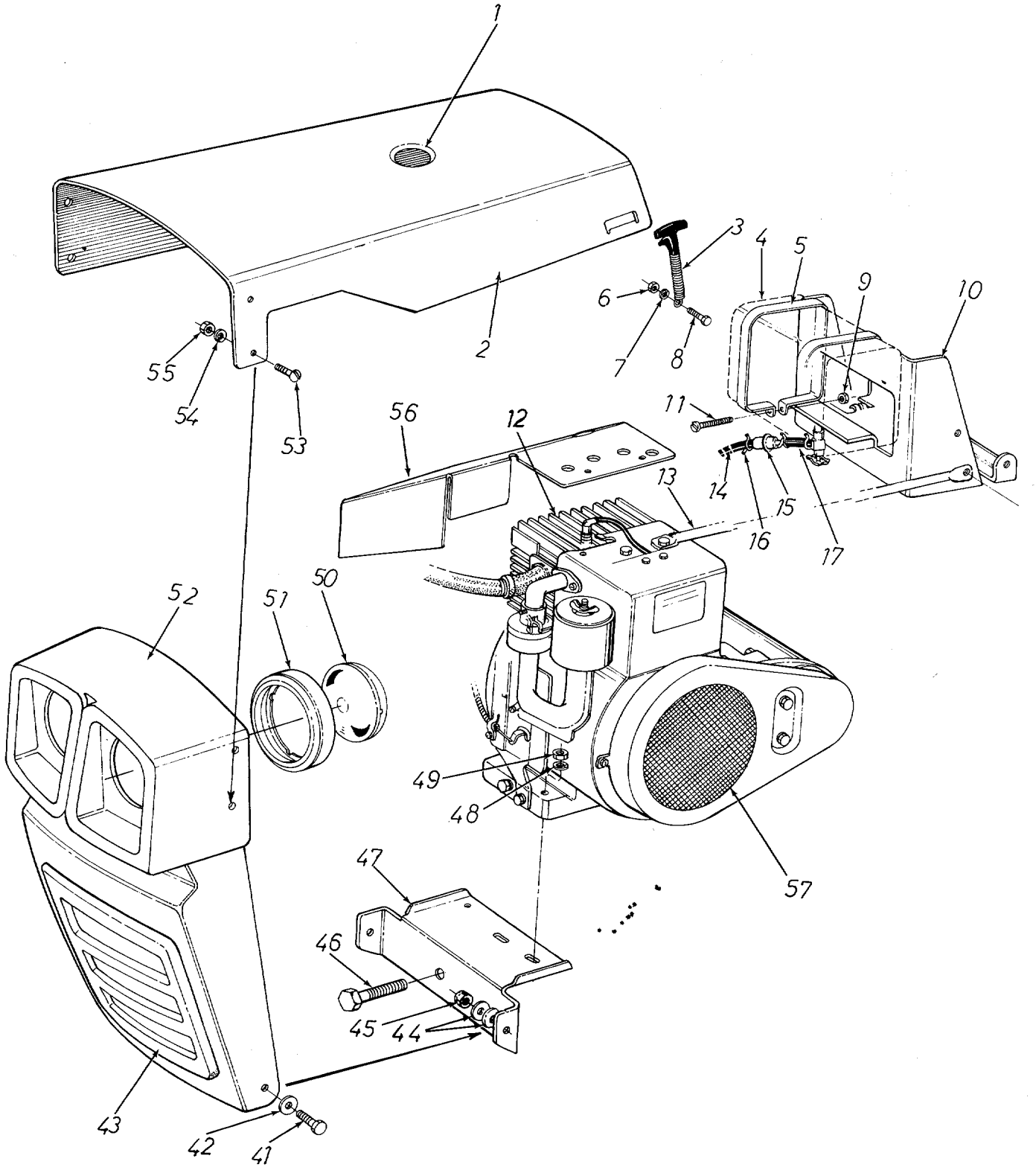
Step 4. Clean the engine and the entire mower thoroughly.

Step 5. Lubricate all lubrication points indicated in the Maintenance Section, then wipe the entire machine with an oiled rag in order to protect the surfaces.

147-760A

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

MODEL



PARTS LIST FOR MODEL 147-760A

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	723-0155		Gas Gauge		19	712-0267		Hex Nut 5/16-18 Thd.*	
2	12369	—462	Hood		41	710-0344		Hex Scr. 3/8-16 x 1½*	
3	723-0296		Hood Lock Ass'y.		42	736-0300		Flat Washer .385 I.D.*	
4	723-0149		Fuel Tank		43	731-0208		Grille Insert	
5	723-0151		Fuel Tank Strap		44	736-0105		Belleville Washer	
6	712-0138		Hex Nut ¼-28 Thd.*		45	712-0130		Hex Locknut 3/8-16*	
7	736-0329		Spring Lockwasher ¼"*		46	710-0533		Hex Scr. 5/8-18 x 2½*	
8	710-0195		Hex Hd. Scr. ¼-28 x .62"*		47	11946		Front Pivot Support	
9	712-0287		Hex Nut ¼-20 Thd.*		48	736-0169		Spring Lockwasher 3/8*	
10	11967		Battery Box Ass'y.		49	712-0798		Hex Nut 3/8-16*	
11	710-0279		Mach. Scr. ¼-20 x 1.75"*		50	725-0222		Headlamp	
12	—		Engine		51	735-0156		Headlamp Mount	
13	11999		Reinforcement Bracket		52	719-0218		Grille	
14	723-0153		Gas Hose ¼ I.D. x 10½ Lg.		53	710-0255		Truss Mach. Scr. ¼-20 x .75*	
15	723-0154		Gas Filter		54	736-0329		Spring Lockwasher ¼ Scr.*	
16	723-0157		Hose Clamp		55	712-0287		Hex Nut ¼-20 Thd.*	
17	723-0152		Gas Hose ¼ I.D. x 1½ Lg.		56	12933		Heat Shield Brkt. Ass'y.	N
18	736-0119		Spring Lockwasher 5/16*		57	12396		Engine Guard	

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

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

When ordering Fuel Tank Bushing, Shut off valve, Fuel Line - Plastic or Fuel Tank, Refer to Parts

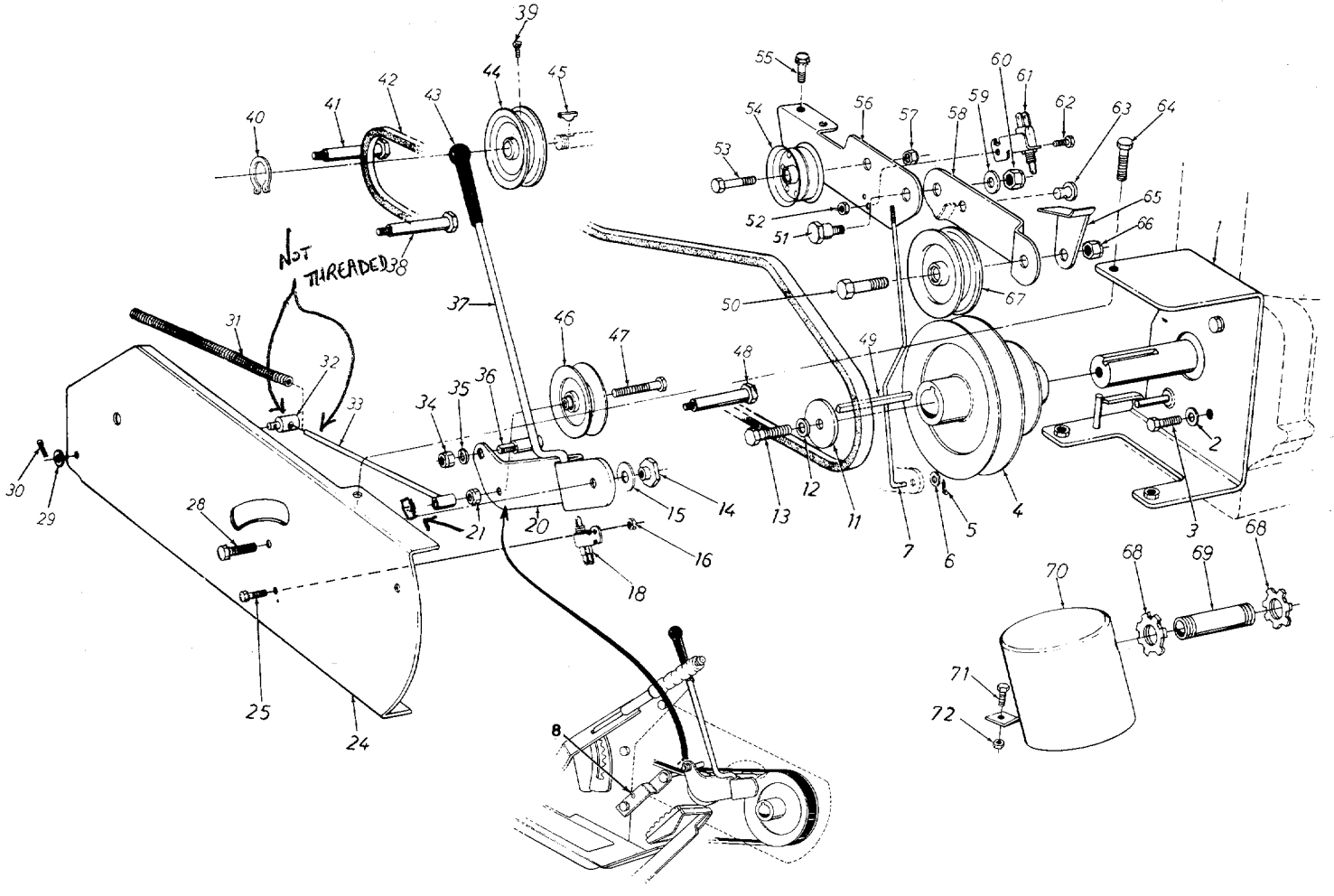
735-0149 Fuel Tank Bushing

751-0171 Fuel Shut off Valve

751-0173 Fuel Line Plastic 14" long

751-0225 Fuel Tank

147-760A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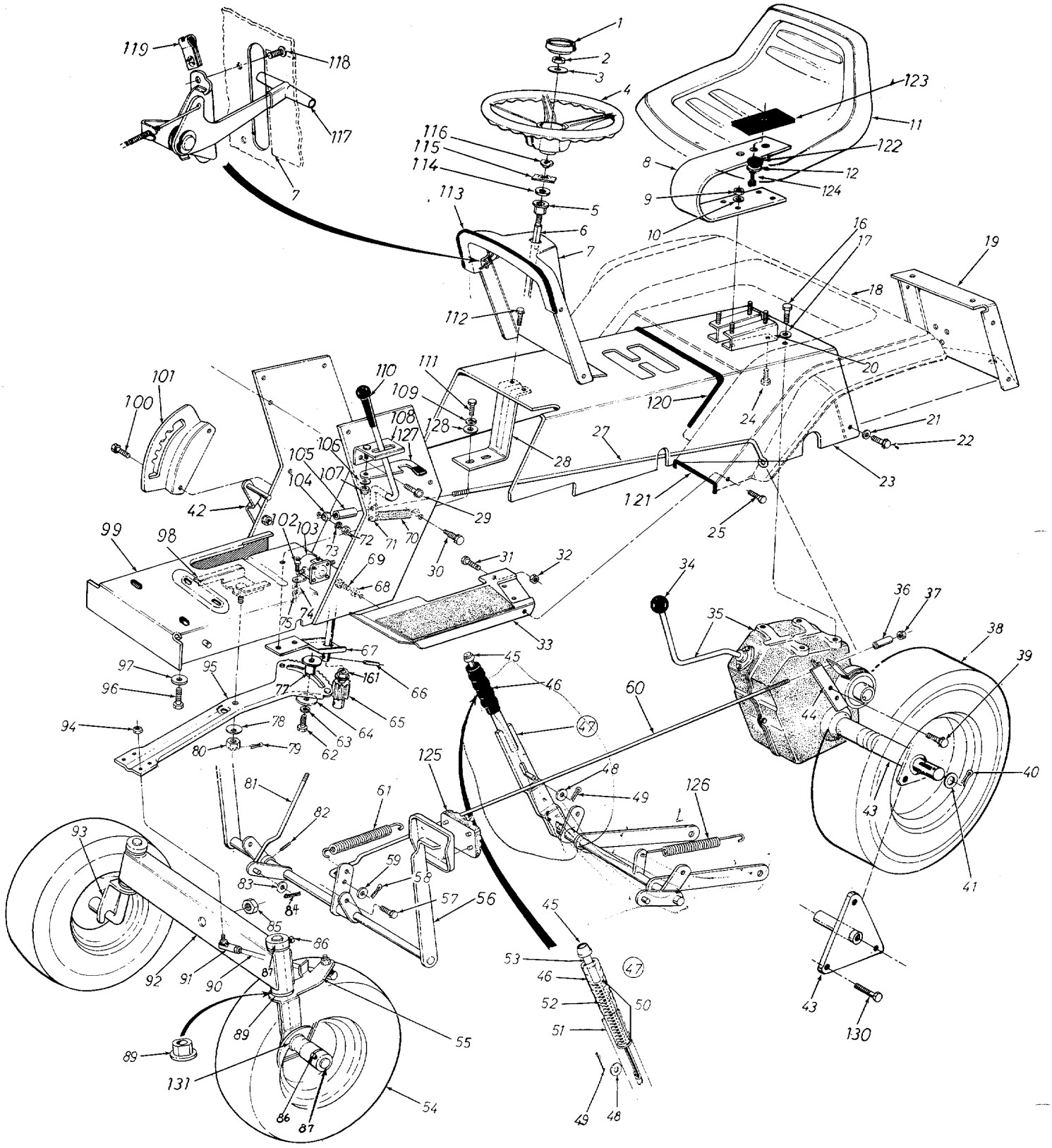
PARTS LIST FOR MODEL 147-760A

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	11938		Engine Mtg. Brkt.	
2	736-0119		Spring L-Wash. 5/16*	
3	710-0118		Hex Scr. 5/16-18 x .75*	
4	756-0201		Engine Two Step Pulley	
5	714-0474		Cotter Pin 1/8 x .75*	
6	736-0264		Fl-Wash .344 I.D.*	
7	711-0218		Clutch Rod	
8	12949		Belt Brkt. Ass'y.	N
11	07386		Washer	
12	736-0169		Spring L-Wash. 3/8*	
13	710-0191		Hex Scr. 3/8-24 x 1.25*	
14	711-0404		Shoulder Nut	
15	736-0100		Fl-Wash. .531 I.D.*	
16	712-0324		Hex Ins. L-Nut 1/4-20*	
18	725-0268		Safety Switch	
20	11947		Clutch Brkt. Ass'y.	
21	712-0130		Hex Ins. L-Nut 3/8-16*	
24	11940		Clutch Cover Plate	
25	710-0322		Hex Sems Scr. 5/16-18 x 1 Lg.*	
28	710-0322		Hex Sems Scr. 5/16-18 x 1*	
29	736-0159		Fl-Wash. .344 I.D.*	
30	714-0111		Cotter Pin 3/32 x 1 Lg.*	
31	732-0281		Clutch Spring	
32	711-0432		Brake Ferrule	
33	11964		Spring Guide Ass'y.	
34	712-0798		Hex Nut 3/8-16*	
35	736-0169		Spring L-Wash. 3/8*	
36	738-0209		Lockout Shaft	
37	11947		Clutch Brkt. Ass'y.	
38	738-0215		Shld. Scr. .498 Dia. x 3"	
39	710-0356		Sq. Hd. Set Screw 5/16-18 x .50" Lg. Cup Point	
40	716-0101		Snap Ring .750 Dia.	
41	738-0215		Shld. Scr. .498 Dia. x .3"	
42	754-0182		V-Belt 21/32 x 81	
43	720-0143		Grip	
44	756-0204		Pulley 5.25 Dia.	
45	714-0314		#9 Hi-Pro Key 3/16 x 3/4	
46	756-0236		Idler Pulley	
47	710-0427		Hex Scr. 3/8-16 x 2 Lg.*	
48	738-0146		Shld. Scr. .500 Dia. x 1.35	
49	714-0114		Sq. Key 1/4 x 2"*	
50	710-0459		Hex Scr. 3/8-24 x 1.5 Lg.*	
51	738-0143		Shld. Scr. .498 Dia. x .340	
52	712-0324		Hex Ins. L-Nut 1/4-20 Thd.*	
53	710-0459		Hex Scr. 3/8-24 x 1.5*	
54	756-0117		Flat Idler	
55	710-0198		Hex Sems Scr. 5/16-18 x .75 Lg.*	
56	08620		Clutch Mtg. Brkt.	
57	712-0116		Hex Ins. L-Nut 3/8-24*	
58	09200		Clutch Brkt.	
59	736-0300		Fl-Wash. .385 I.D.*	
60	712-0130		Hex Ins. L-Nut 3/8-16*	
61	725-0268		Safety Switch	
62	710-0258		Hex Scr. 1/4-20 x .62*	
63	711-0179		Adj. Ferrule	
64	710-0198		Hex Sems Scr. 5/16-18 x .75*	
65	08664		Belt Keeper	
66	712-0116		Hex Ins. L-Nut 3/8-24*	
67	756-0116		Idler	
68	712-0250		Conduit Nut	
69	751-0170		Muffler Tube	
70	751-0179		Muffler	
71	710-0289		Hex Scr. 1/4-20 x .50*	
72	712-0287		Hex Nut 1/4-20*	

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

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

147-760A



PARTS LIST FOR MODEL 147-760A

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	731-0220		Steering Wheel Cap	
2	712-0158		Hex Centerlock Nut 5/16-18 Thd.*	
3	736-0242		Belleville Wash. .345 I.D. x .88 O.D.	
4	731-0219		Steering Wheel	
5	748-0227		Hex Flange Bearing .630 Dia.	
6	738-0203		Steering Shaft	
7	11976		Dash Panel Ass'y.	
8	732-0256		Seat Spring	
9	712-0267		Hex Nut 5/16-18 Thd.*	
10	736-0119		Spring Lockwasher 5/16*	
11	757-0264		Seat	
12	736-0208		Fl-Wash. .510 I.D.*	
14	712-0267		Hex Nut 5/16-18 Thd.*	
15	736-0119		Spring L-Wash. 5/16*	
16	710-0216		Hex Scr. 3/8-16 x .75*	
17	736-0169		Spring L-Wash. 3/8*	
18	11975	-462	Rear Fender	
19	08597		Frame Plate Ass'y.	
20	11988		Fender Support Ass'y.	
21	736-0169		Spring L-Wash. 3/8*	
22	710-0216		Hex Scr. 3/8-16 x .75*	
23	11954		Frame Ass'y.	
24	710-0198		Hex Sems Scr. 5/16-18 x .75 Lg.*	
25	710-0252		Hex Scr. ¼-20 x .75	
26	10614		Vinyl Pad	
27	747-0100		Hand Brake Rod	
28	08618		Reinforcement Brkt. Ass'y.	
29	710-0198		Hex Sems Scr. 5/16-18 x .75*	
30	711-0220		Hex Hd. Step Scr.—Spec.	
31	710-0377		Hex Sems Scr. ¼-20 x .63*	
32	712-0287		Hex Nut ¼-20 Thd.*	
33	12657		Running Bd.—R.H.(not shown)	
	12656		Running Bd.—L.H.	
34	722-0116		Gear Shift Knob	
35	—		Transaxle (see breakdown)	
36	750-0187		Spacer Tube	
37	712-0429		Hex Ins. L-Nut 5/16-18 Thd.	
38	734-0505		Wheel Ass'y.—Comp. 20 x 8.00	
	734-0506		Tire Only 20 x 8.00	
	734-0507		Rim for 20 x 8.00	
	734-0255		Valve Stem	
39	710-0198		Hex Sems Scr. 5/16-18 x .75*	
40	714-0142		Cotter Pin 3/16 x 1.50*	
41	736-0163		Fl-Wash. 1.03 I.D.*	
42	12949		Belt Brkt. Assy.	N
43	11942		Rear Wheel Hub	
44	08622		Brake Ass'y.—Comp.	
	761-0152		Brake Drum	
	714-0388		Key	
	736-0231		Washer	
	710-0538		Hex Scr. 5/16-18 x .62*	
45	726-0110		Push Cap	
46	08818		Grip	
47	11521		Lift Handle—Comp.	
48	736-0234		Fl-Wash. .385 I.D.*	
49	714-0474		Cotter Pin 1/8 x .75*	
50	736-0300		Fl-Wash. .300 I.D.*	
51	11983		Lift Handle Ass'y.	
52	732-0156		Compression Spring	
53	750-0124		Spacer	
54	734-0497		Front Wheel Ass'y. 15 x 6	
	734-0498		Tire Only 15 x 6	
	734-0499		Rim for 15 x 6	
	734-0255		Valve Stem	
55	11979		Fr. Axle Ass'y.—L.H.	
56	12661		Foot Pedal Ass'y.	
57	710-0209		Hex Sems Scr. 3/8-16 x .62*	
58	714-0474		Cotter Pin 1/8 x 75*	
59	736-0264		Fl-Wash. .344 I.D.*	
60	711-0203		Brake Rod	
61	732-0180		Extension Spring	
62	710-0344		Hex Scr. 3/8-16 x 1.5*	
63	736-0169		Spring L-Wash. 3/8*	
64	07386		Washer	
65	748-0203		Spur Gear 12 Teeth	
66	715-0134		Spring Pin 3/16 x 1.50" Lg.*	
67	10043		Lower Mtg. Brkt.	
68	736-0169		Spring L-Wash. 3/8 Scr.*	
69	710-0253		Hex Scr. 3/8-16 x 1 Lg.*	
70	732-0264		Extension Spring	
71	11513		Hand Brake Lever	
72	712-0798		Hex Nut 3/8-16*	
73	736-0148		External L-Wash. 3/8*	
74	736-0329		Spring L-Wash. ¼*	
75	712-0287		Hex Nut ¼-20 Thd.*	
77	750-0215		Steering Spacer	
78	736-0112		Belleville Wash. .535 I.D.	
79	714-0115		Cotter Pin 1/8 x 1" Lg.*	
80	712-0114		Hex Slotted Nut ½-20*	
81	711-0218		Clutch Rod	
82	710-0938		Set Scr. ¼-28 x .25 Lg. Cup Point*	
83	736-0264		Fl-Wash. .344 I.D.*	
84	714-0474		Cotter Pin 1/8 x .75 Lg.*	
85	712-0923		Hex Centerlock Nut 5/8-18*	
86	710-0494		Sq. Hd. Set Scr. 5/16-18 x .33 Cup Point*	
87	711-0169		Collar ¾ I.D.	
89	748-0209		Flange Bearing	
90	711-0209		Tie Rod	
91	723-0156		Ball Joint (tie rod end) 3/8-24	
92	11833		Fr. Pivot Bar Ass'y.	
93	11980		Fr. Axle Ass'y.—R.H.	
94	712-0116		Hex Ins. L-Nut 3/8-24*	
95	11965		Steering Segment	
96	710-0342		Hex Scr. 3/8-16 x 1.25*	
97	736-0133		Fl-Wash. .406 I.D.*	
98	—		Part of Ref. 99	
99	11955		Fr. Frame Ass'y.	
100	710-0253		Hex Scr. 3/8-16 x 1 Lg.*	
101	11971		Index Brkt.	
102	710-0258		Hex Scr. ¼-20 x .63*	
103	725-0530		Solenoid	N
104	712-0324		Hex L-Nut ¼-20 Thd.*	
105	750-0219		Spacer	
106	736-0142		Fl-Wash. .281 I.D.*	
107	712-0324		Hex L-Nut ¼-20*	
108	11500		Hand Brake Brkt. Ass'y.	
109	736-0169		Spring L-Wash. 3/8*	
110	720-0143		Grip	
111	710-0253		Hex Scr. 3/8-16 x 1 Lg.*	
112	712-0253		Hex Scr. 3/8-16 x 1 Lg.*	

PARTS LIST (CONTINUED)

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
113	731-0144		Vinyl Strip	
114	736-0174		Wave Wash. .66 I.D. x .88 O.D.	
115	712-0222		Push Nut .620 Dia.	
116	736-0156		Fl-Wash. .635 I.D. x 1.120	
117	746-0161		Throttle Control	
118	710-0192		Truss Hd. Scr. #10-24*	
119	712-0147		Speed Nut #10-24*	
120	731-0253		Vinyl Strip	
121	731-0252		Vinyl Strip	
122	736-0159		Rubber Washer	
123	735-0163		Rubber Pad	
124	710-0365		Bolt ½-13 x .88* (if loose)	
125	10614		Vinyl Foot Pad	
126	732-0191		Spring	
127	11504		Hand Brake Stop Lever	
	11249		Knob Only	
128	736-0105		Belleville Washer	
130	710-0470		Wheel Hub Bolt	
131	748-0184		Front Hub Bearing	
161	748-0228		Hex Flange Brg. .505 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.

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

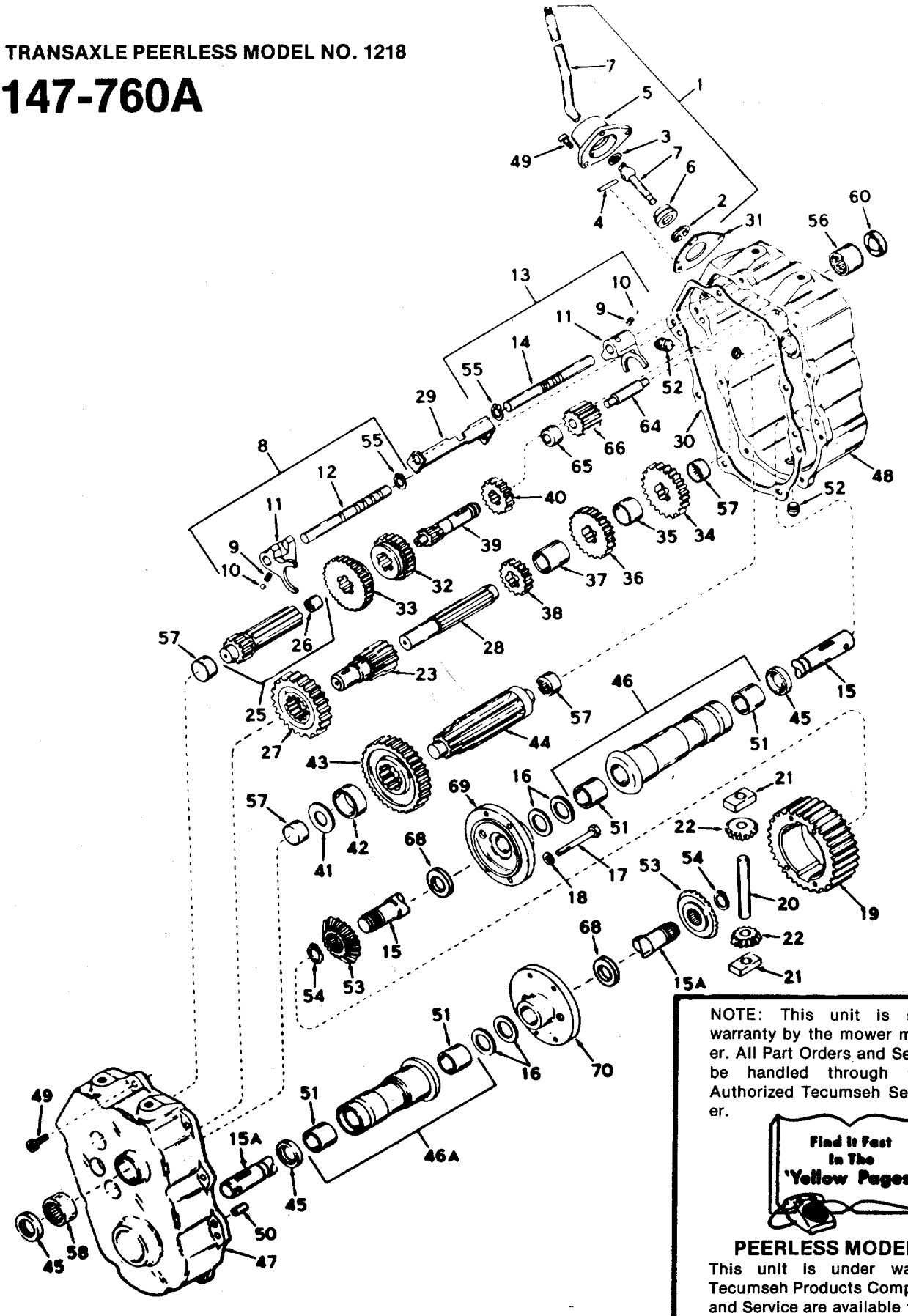
The engine is not under warranty by the mower manufacturer. If repairs or service is needed on the engine, please contact your nearest authorized engine service outlet. Check the "Yellow Pages" of your telephone book under "Engines — Gasoline."

Trouble Shooting Chart

Problem	Cause	Remedy
1 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 gas 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.

TRANSAXLE PEERLESS MODEL NO. 1218

147-760A



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 1218

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."

PARTS LIST FOR TRANSAXLE PEERLESS MODEL 1218

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	PE-784095	Lever & Housing Ass'y. Shift (Incl. Nos. 2 thru 7)	34	PE-778021	Gear, Spur (26 Teeth)
			35	PE-786014	Spacer
2	PE-792016	Ring, Snap	36	PE-778022	Gear, Spur (22 Teeth)
3	PE-792001	Ring, Quad	37	PE-786015	Spacer
4	PE-792049	Pin, Drive	38	PE-778023	Gear, Spur (16 Teeth)
5	PE-784088	Housing, Shift Lever	39	PE-776067	Shaft, Input
6	PE-784094	Keeper, Shift Lever	40	PE-778024	Spur Gear, Input Shaft
7	PE-784096	Lever, Shift	41	PE-780001	Washer
8	PE-784056	Rod Ass'y. Shift (Incl. Nos. 9 thru 12)	42	PE-786017	Spacer
			43	PE-778036	Gear, Output
9	PE-792003	Spring	44	PE-778041	Pinion, Output
10	PE-792004	Ball, Steel	45	PE-788008	Seal, Oil
11	PE-784004	Fork, Shifter	46	PE-782051	Housing & Bushing Ass'y., Axle (Incl. No. 51)
12	PE-784057	Rod, Shifter			
13	PE-784054	Rod Ass'y., Shift (Incl. Nos. 9, 10, 11, 14 & 55)	46A	PE-782052	Housing & Bushing Ass'y., Axle (Incl. No. 51)
14	PE-784055	Rod, Shifter	47	PE-772072	Cover Ass'y., Transaxle (Incl. Nos. 57 & 58)
15	PE-774307	Axle, R.H.			
15A	PE-774306	Axle, L.H.	48	PE-770033	Case Ass'y., Transaxle (Incl. Nos. 56 &57)
16	PE-780042	Washer, Thrust			
17	PE-792020	Scr., Hex Hd. Cap., 1/4-20 x 2 1/4	49	PE-792007	Scr., Socket Hd. Cap, 1/4-20 x 3/4
18	PE-792006	Lockwasher, 1/4"	50	PE-786026	Pin, Dowel
19	PE-778033A	Gear, Ring	51	PE-780054	Bushing
20	PE-786019	Pin, Drive	52	PE-792010	Plug, Pipe
21	PE-786027	Block, Drive	53	PE-778039	Gear, Bevel
22	PE-778014	Pinion, Bevel	54	PE-792018	Ring, Snap
23	PE-776156	Pinion & Bushing Ass'y., Idler	55	PE-792017	Ring, Snap
25	PE-776014	Shaft & Bearing Ass'y., Shifter (Incl. No. 26)	56	PE-780011	Bearing
			57	PE-780013	Bearing
26	PE-780018	Bearing	58	PE-780055	Bearing
27	PE-778037	Gear, Idler	60	PE-788009	Seal, Oil
28	PE-776032	Shaft, Idler	64	PE-776008	Shaft, Reverse Idler
29	PE-784074	Stop, Shifter	65	PE-786008	Spacer, Reverse Idler
30	PE-788026	Gasket, Case to Cover	66	PE-778016	Idler, Reverse
31	PE-788003	Gasket, Shift Lever Housing	68	PE-780107	Washer
32	PE-778019	Gear, Shifting	69	PE-774029	Carrier, Differential
33	PE-778020	Gear, Shifting	70	PE-774028	Carrier, Differential

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 NO. 1218

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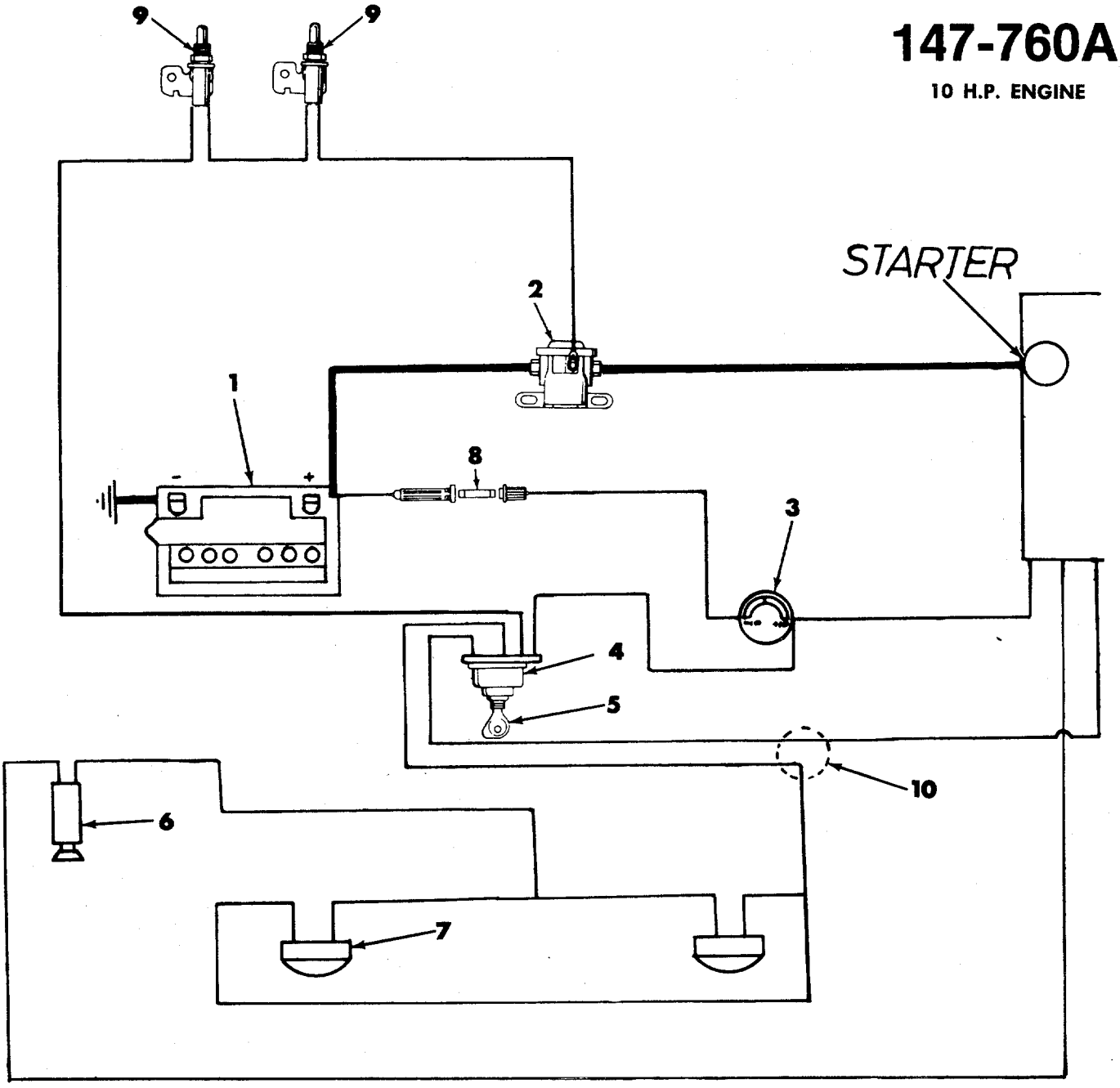
147-760A

10 H.P. ENGINE



REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	725-0453		Battery	
2	725-0530		Solenoid	N
3	725-0119		Ammeter	
4	725-0267		Ignition Switch	
5	725-0201		Key	
6	725-0202		Light Switch	
7	725-0222		Head Lamp	
8	725-0298		Fuse 7½ Amp. 32 V. 3 AG 1¼" Lg.	
9	725-0268		Safety Switch	
10	725-0433		Wire Harness	
11	12614		Battery Hold Down	
12	712-0113		Wing Nuts ¼-20 Thd.	
13	711-0222		Hold Down Rods	

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

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

NEW YORK — **CARTHAGE**
Gamble Dist., Inc. ..... West End Ave. 13619

SYRACUSE
Kimber's, Inc. ..... 115 N. Geddes St. 13204

BRIGGS & STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

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

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

CARROLL
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.. 15235

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 38116

TEXAS — **DALLAS**
Marr Brothers, Inc. ..... 423 E. Jefferson 75203

HOUSTON
Bullard Supply Co. ..... 2409 Commerce St. 7700

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.**