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Owner's Operating Service Instruction Manual

Model No. 124-640A

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

21" SELF-PROPELLED ROTARY MOWER

WARRANTY

For one year from date of purchase, MTD Products Inc will replace for the original purchaser, free of charge, F.O.B. factory or authorized service firm, any part or parts found to be defective in material or workmanship. All transportation charges on parts submitted for replacement under this warranty must be paid by the purchaser. This warranty does not include replacement of parts which become inoperative through misuse, excessive use, accident, neglect, improper maintenance or alterations by unauthorized persons. This warranty does not include the engine, motor, battery, battery charger or any component parts thereof. For service on these units, refer to the applicable manufacturer's warranty.

The above warranty will apply only to the original owner and will be effective only if the warranty card has been properly processed. It will not apply where the unit has been used commercially.

Warranty service is available through your local authorized service dealer or distributor. UNDER NO CIRCUMSTANCES WILL THE RETURN OF A COMPLETE UNIT BE ACCEPTED BY THE FACTORY UNLESS PRIOR WRITTEN PERMISSION HAS BEEN EXTENDED.

MTD PRODUCTS INC 5389 WEST 130th STREET • P. O. BOX 2741 CLEVELAND OHIO 44111

IMPORTANT

SAFE OPERATION PRACTICES FOR WALK-BEHIND MOWERS

TRAINING

- Read the Operating and Service Instruction Manual carefully. Be thoroughly familiar with the controls and the proper use of the equipment.
- 2. Never allow children to operate a power mower.
- 3. Keep the area of operation clear of all persons, particularly small children and pets.

PREPARATION

- 1. Thoroughly inspect the area where the equipment is to be used and remove all stones, sticks, wire, bones and other foreign objects.
- Do not operate equipment when barefoot or wearing open sandals. Always wear substantial footwear.
- 3. Check the fuel before starting the engine. Do not fill the gasoline tank indoors, when the engine is running, or while the engine is still hot. Wipe off any spilled gasoline before starting the engine.
- 4. Disengage the self-propelled mechanism or drive clutch on units so equipped before starting the engine (motor).
- 5. Never attempt to make a wheel adjustment while the engine (motor) is running.
- 6. Mow only in daylight or in good artificial light.
- 7. Never operate the equipment in wet grass. Always be sure of your footing; keep a firm hold on the handle and walk, never run.

OPERATION

- 1. Do not change the engine governor settings or overspeed the engine.
- Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
- Stop the blade(s) when crossing gravel drive, walks or roads.
- 4. After striking a foreign object, stop the engine (motor), remove the wire from spark plug, thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower.

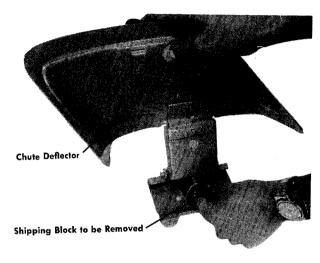
- If the equipment should start to vibrate abnormally, stop the engine (motor) and check immediately for the cause. Vibration is generally a warning of trouble.
- 6. Stop the engine (motor) whenever you leave the equipment, before cleaning the mower housing, and when making any repairs or inspections.
- 7. When cleaning, repairing or inspecting, make certain the blade and all moving parts have stopped. Disconnect the spark plug wire, and keep the wire away from the plug to prevent accidental starting.
- 8. Do not run the engine indoors.
- 9. Shut the engine (motor) off and wait until the blade comes to a complete stop before removing the grass catcher or unclogging chute.
- Mow across the face of slopes, never up-anddown. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes.
- 11. Always disconnect electric mowers (line operated) before cleaning, repairing or adjusting.
- 12. Never operate mower without proper guards, plates or other safety protective devices in place.
- 13. Keep washout ports and other mower-housing service openings closed when mowing.

MAINTENANCE AND STORAGE

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

CAUTION

Please note that the chute deflector on your mower is in an upright position. It is held in that position by a shipping block. This block is used for shipping purposes only. It must be removed and discarded before your mower is put into operation.



ASSEMBLY INSTRUCTIONS

HANDLE ASSEMBLY FOR RECOIL UNITS

- Rmove the loose hardware from the assembly pack. You will need a screw driver and a 5/16" wrench, either a socket as shown in figure 1 or an open end wrench.
- 2. Assemble the lower handle to the handle brackets as shown in figure 2.
- 3. Secure the handle with cotter hairpins on both sides. See figure 2.
- Place the handle panel over the lower handle and fasten with the handle panel screw using a 5/16" wrench. See figure 3.
- 5. Place the upper handle over the lower handle and line up the holes as shown in figure 4.
- 6. Insert the curved head bolt from the inside and tighten the knob by hand. See figure 4.
- 7. Place the throttle control in the handle panel and assemble it with the two throttle screws using a screw driver. See figure 5.
- 8. Use the cable clip to fasten the throttle control wire to the lower handle.

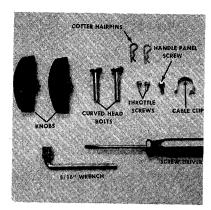


FIGURE 1. LOOSE HARDWARE AND TOOLS



FIGURE 2. LOWER HANDLE ASSEMBLY



FIGURE 3. HANDLE PANEL ASSEMBLY

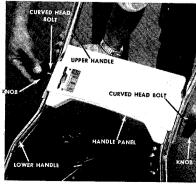


FIGURE 4. UPPER HANDLE ASSEMBLY

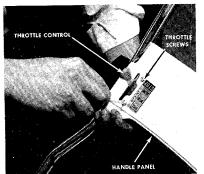
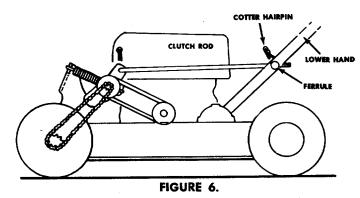


FIGURE 5. THROTTLE CONTROL ASSEMBLY

- Place adjustment rod with ferrule through hole in lower right hand handle. (See figure 6.) NOTE: Ferrule and adjustment rod must be to the outside of handle as shown in figure 6.
- 10. Secure ferrule in position with hairpin cotter from screw pack. NOTE: The ferrule position is preset at the factory. (For adjustment instructions see Clutch Rod Adjustment on page 5.)
- 11. Check ALL nuts and bolts for correct tightness.



NOTE

It may be necessary to spread the ends of the lower handle outward slightly to assure a snug fit against the bracket mounting area.

This mower should be broken in following the procedure described in the break-in instructions. The added effort here will double the service life of the unit. Particular attention should be paid to the notes on alignment.

When operating this mower, unnecessary or excessive engaging of the drive pinions with the wheels should be avoided. This is achieved by minimizing the raising and lowering of the handle during the mowing operation. Failure to observe this operating rule can reduce the service life of the front tires and drive pinions substantially. When engaging the self-propelled mechanism, a slight forward push on the mower as the drive pinions and the gear tread tires mesh will add to smoother and quieter operation. In addition to a smoother operation, it will add substantially to the service life of both the tires and the drive pinions.

HANDLE ASSEMBLY PRECAUTIONS

Although the handle is of simple design, difficulty has been encountered in its assembly Certain precautions concerning its assembly must be heeded. The handle must be assembled as shown in the diagram on page 3. Trouble arises when certain parts are put together improperly.

BREAK-IN INSTRUCTIONS

- Before starting the engine, lubricate all the bronze bearings on the drive shaft. The same oil which is used for the engine may be used for this.
- Check drive assembly alignment. When the handle is lifted the clutch rod is moved to the self-propelled position. The black nylon drive pinions should mesh simultaneously with the gear tread tires.

OPERATION

- Service engine with gas and oil. See Engine Maintenance for complete instructions for care and maintenance of engine. READ DIRECTIONS CARE-FULLY.
- 2. Lubricate bronze bearings on drive shaft.
- 3. Check drive assembly for correct alignment (See Break-in Instructions).
- 4. When ready to start engine, be sure handle is all the way back into free wheeling position. Start engine. After engine starts, move throttle control lever on handle to the desired engine speed.
- When the handle is moved forward for self-propelled operation, the drive pinions engage with the gear tread tires and forward drive results.
- 6. Temporary free wheeling is achieved by depressing the handle and raising front wheels slightly off the ground. Self-propelled drive is resumed when handle is raised. Engine is stopped by placing control lever on handle into STOP position.

LUBRICATION

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

Wheels—Your unit is provided with ball bearing wheels in the rear. Lubricate at least once a season with light oil. Drive wheels (Front) are equipped with sintered bearings. Lubricate at least once a season with light oil.

Throttle—Periodically lubricate throttle control lever and throttle wire assembly with a few drops of light oil SAE No. 10 or 20 for ease of operations. Bronze Bearings—Periodically lubricate all bronze bearings with a few drops of light oil SAE No. 10 or 20 to minimize friction.

Protective Shield—The pivot points on the protective shield should be lubricated periodically with light oil to prevent any rust or binding.

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

Engine—See Engine Maintenance for lubrication instructions.

ADJUSTMENTS

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

Chain Adjustment-

- Loosen (do not remove) two hex head cap screws (See illustration below.)
- 2. Pull pivot plate forward.
- 3. Tighten cap screws and check chain tension. Repeat adjustment if necessary.

CUTTING HEIGHT—An adjusting plate and thumb lever at each wheel position provides cutting height adjustment. Each adjusting plate has five holes. Height of cut will be changed when the thumb lever is moved from one hole to another. Simply depress thumb lever towards wheel and move wheel and lever assembly to desired position. All wheels must be positioned in relative height of cut positions.

Throttle—If adjustment becomes necessary, the throttle control wire assembly can be reset as follows:

- Loosen, but do not remove, screw securing throttle control wire assembly at engine.
- 2. Move throttle control lever on handle to FAST position.
- 3. Move lever, to which control wire is fastened at engine, to full open position and retighten screw to secure throttle control wire assembly.

CLUTCH ROD ADJUSTMENT

If adjustment becomes necessary, or if the cutting height is changed from the lowest setting to the highest setting the clutch rod must be reset as follows:

- 1. Remove the cotter pin. See figure A.
- 2. Pull the clutch rod and ferrule out of the lower handle. See figure B.
- 3. Thread the ferrule on or off the rod one turn and check for alignment.

- 4. Place ferrule back in position and secure with cotter pin. If the engagement is still not correct, repeat the above steps.
- 5. The drive pinion should be about 1/8" from the drive wheels. See figure C.
- Figures D, E, F and G will give the approximate length of rod that should be showing for each cutting height.

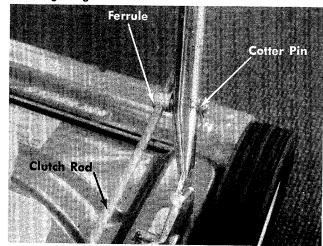


FIGURE A

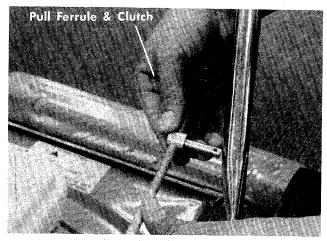


FIGURE B.

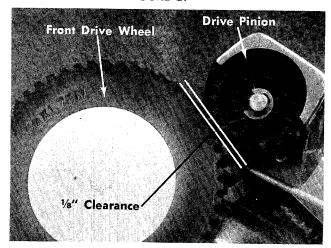


FIGURE C.

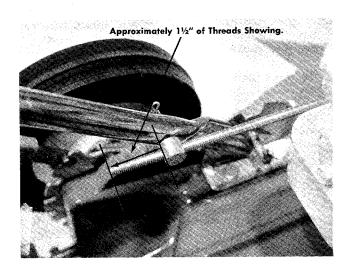
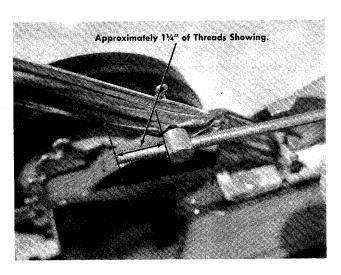


FIGURE D. CLUTCH ROD SETTING FOR THE FIRST AND SECOND HIGHEST CUTTING HEIGHT.



FIGURE F. CLUTCH ROD SETTING FOR THE SECOND LOWEST CUTTING HEIGHT.



CUTTING HEIGHT.

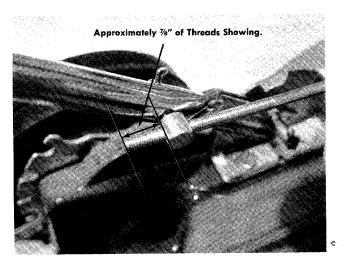


FIGURE E. CLUTCH ROD SETTING FOR THE MIDDLE FIGURE G. CLUTCH ROD SETTING FOR THE LOWEST CUTTING HEIGHT.

MAINTENANCE

Cutting Blade—The blade may easily be removed for grinding or replacement as follows:

- 1. Remove bolt and lockwasher holding blade and blade adapter to engine crankshaft.
- 2. Remove blade and blade adapter from engine crankshaft.
- Remove two bolts, lockwashers and nuts holding blade to blade adapter (if necessary).

When sharpening 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.

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

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

The deck may be cleaned by tilting the mower forward or on its left side and scraping clean with a suitable tool or by washing with a stream of water from a garden hose.

CAUTION: Do not direct the stream of water at a hot engine as damage to the engine may result.

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

- Clean and lubricate mower thoroughly as described in the preceding instructions.
- 2. Refer to engine manual for correct engine storage instructions.
- 3. Coat mower's cutting blade with chassis grease to prevent rusting.
- 4. Place blocks under deck to raise tires clear of floor.
- 5. Store mower in a dry, clean area.

USING YOUR ROTARY MOWER

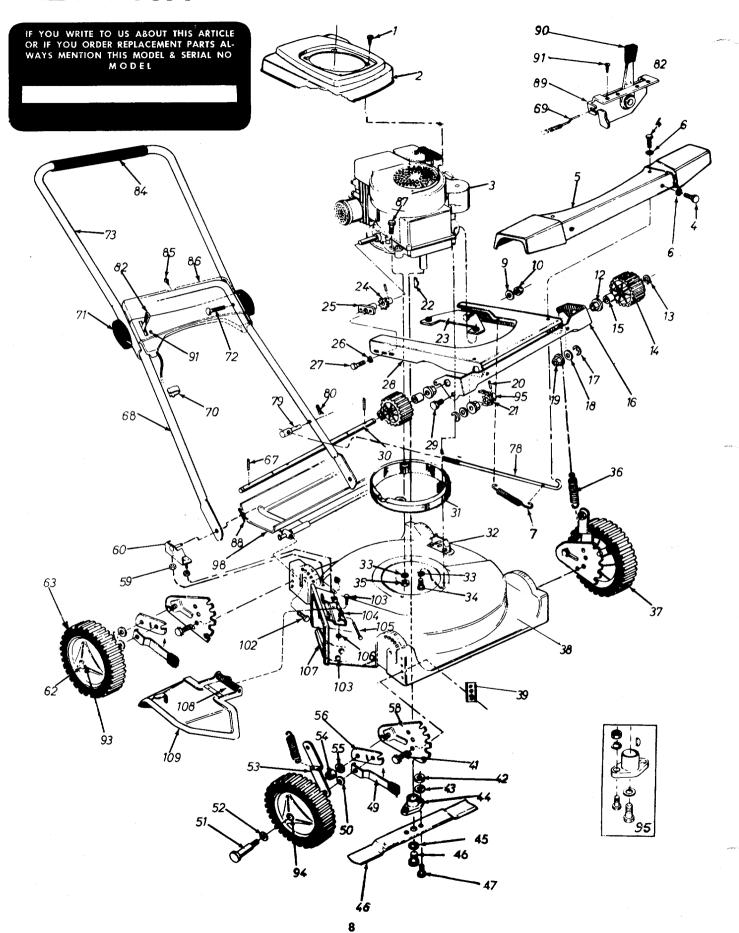
For best results do not cut wet grass because it tends to stick to the underside of the mower thus preventing proper discharge of grass clippings. If wet grass must be cut, reduce walking speed to help distribute the clippings more effectively.

New grass should be treated as wet grass, otherwise a normal walking speed is about the right pace for efficient mowing.

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

Lawn should be cut in the fall as long as there is growth.

124-640A



PARTS LIST FOR MOWER MODEL NO. 124-640A

REF.		COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE		NEW PART
1	710-407		Slotted Hex Washer Hd. Ext.		48	742-12	4	Blade 21"	
			Scr. #32 x ½" Lg.*	ļ	49	1053	3	Spring Lever Ass.y' w/Knob	
2	10877	,	Shroud	N	50	736-10	5	Belleville Washer	
3	_		Engine		51	738-14	4	Axle Bolt	
4	710-289)	Hex Hd. Cap Scr. ¼-20		52	736-16	0	Flat Washer	
	[× .50" Lg.*		53	1091	8	Link Assembly	
5			Drive Cover		54	712-11		Elastic Locknut 3/9-24 Thd.*	
	736-222		External Lockwasher ¼" Scr.*		55	736-21		Belleville Washer	
7	732-433		Tension Spring		56	1061		Wheel Pivot Bar	
9	736-300		Flat Washer		58	1092		Index Plate	
10	712-116		Elastic Locknut %-24 Thd.*		59	712-10		Hex Center Locknut 1/4-20 Thd.*	
12	748-227		Hex Bearing		60	1180		Handle Mounting Brkt.—R.H.	
13	716-106		E-Ring % Shaft		62	710-42		Hex Screw %-16 x 2.00" Lg.*	
14	10914		Drive Pinion		63	734-46	3	Wheel—Rear	
15	2265		Sleeve		67	715-24		Roll Pin 3/16 Dia. x 1¼" Lg.*	
16	10372		Drive Support		68	1112		Handle—Lower	
17	716-106		E-Ring % Shaft		69 70	746-23 746-12		Conduit and Wire	
18	736-116		Flat Washer		71	996		Cable Clip	
19	748-227		Hex Bearing		72	710-40		Hand Knob	<u> </u>
20	715-247		Roll Pin 3/16 Dia. x 1" Lg.*			i		Curved Hd. Bolt 5/16-18 x 1.75	Lg.
21	713-13	•	Chain w/Master Link #48		73	1001		Handle—Upper	1
	71.464	_	x 26" Lg.		78 70	1212	-	Clutch Rod Ass'y.	
22	714-365		Hi-Pro-Key		79	711-57		Engagement Ferrule	
23	10381		Engine Bracket Assembly		80 82	714-10 1161		Internal Cotter Pin ½" Dia.	
24	10377		Sprocket Assembly		84	718-14		Throttle Control Ass'y, Comp.	
25	748-183		Bearing Support		85	710-14		Grip	
26 27	736-22		External Lockwasher 1/4" Scr.*	-	0.5	710-12	10	Slotted Hex Washer Hd. Ext.	
2/	710-230	ا ر	Hex Hd. Cap Scr. ¼-28 x ½"		86	1160	۱۸	Scr. No. 8—32 x ½" Lg. Handle Panel	
28	11240	、	Lg.* Pivot Plate Assy.		87	710-18		Hex Hd. Cap Scr. 5/16-18	
29	738-14		Shoulder Bolt—Special		٥,	710-10	"	x 3" Lg.	
30	711-435	1	Shaft		88	714-10	na l	Internal Cotter Pin*	
31		463	Spacer Assembly		89	1159		Throttle Control Bracket	
32	11801	1	Handle Mounting Brkt.—L.H.		90	747		Knob—Throttle Control	
33	736-11		Lockwasher 5/16 Scr.*		91	710-40		Slotted Hex Washer Hd. Ext.	ľ
34	710-18		Hex Hd. Cap Scr. 5/16-18				"	Scr. #8-32 x ½"	
	710-10	'	x 3" Lg.		93	741-17	78	Ball Bearing	
35	712-26	7	Hex Nut 5/16-18 Thd.*		94	748-12	25	Sintered Bearing	
36	732-18		Extension Spring		95	1037		Sprocket Assembly	
	9392-50		Wheel—Front		96	1076	9	Blade Adapter Kit	
38			Deck Assembly		98	1119	9	Protective Shield Ass'y. Comp.	
39	7002		Wheel Pad (4 Reg'd.)		102	710-56		Hex Hd. Cap Scr. 1/4-28 x	
	, , , ,	-	Timeer rad (+ key d.)					.62" Lg.	
41	710-20	9	Hex Hd. Cap Scr. %-16 x		103	710-2	52	Hex Hd. Cap Scr. 1/4-20 x	
'		.	.62 Lg.*					.75" Lg.*	
42	712-12	3	Hex Nut 5/16-24 Thd.*		104	1113	10 I	Adapter Plate	
43	736-119		Spring Lockwasher 5/16 Scr.	*	105	711-55	55	Pivot Pin	
44	10769		Blade Adapter Kit		106	712-10)7	Hex Center Locknut 1/4-20 Thd.	
45	736-21		Spring Lockwasher % Scr. H.E).* I	107	1115		Internal Bar	
46	710-45		Hex Hd. Cap Scr. %-24 x	·	108	732-25		Torsion Spring	
		ļ	1½" Lg. H.T.		109	1168		Chute Deflector Ass'y. Comp.	
47	710-11	7	Hex Hd. Cap Scr. 5/16-24 x					,	
			1" Lg. H.T.						
			J.	I	l l				

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

(463—Top Flite Red) When ordering parts if color or finish is important, use the appropriate color code shown at left (e.g. Top Flite Red Finish—11673 (463).)

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

NOTE

The manufacturer DOES NOT recommend the use of any accessory on this rotary mower other than those manufactured by MTD Products Inc.

IMPORTANT

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

GRASS CATCHER Model No.194-003A is available as optional equipment for the mower shown in this manual.

WARNING:

- 1. The mower should not be operated without the entire grass catcher or chute deflector in place.
- 2. The mower should not be operated without the protective shield on the rear of the deck 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. 764-119.

PARTS INFORMATION

DEFECTIVE OR MISSING PARTS must be reported to the factory immediately. Such claims must include your model number and date of purchase.

BRIGGS & STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

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.

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-Power Products.

A 1 Engine & Mower Co. 327 East 9th Street Salt Lake City, Utah 84102

American Electric Ignition Co. 124 N. W. 8th Street Oklahoma City, Oklahoma 73102

Auto Electric & Carburetor Co. 2525 4th Avenue, S. P. O. Box 1948 Birmingham, Alabama 35233

Automotive Equipment Service Co. 3117 Holmes Street Kansas City, Missouri 64109

Bailey's Rebuild Inc. 1325 E. Madison Street Seattle Washington 98102

Bleckrie, Inc. 7900 Lorain Avenue Cleveland, Ohio 44102

Brown Equipment Distributor Inc. 110 Beech Street Corydon, Indiana 47112

Bullard Supply 2409 Commerce Street Houston, Texas 77003

Carl A. Anderson Co. 623 S. 16th Street Omaha, Nebraska 68102 Catto & Putty, Inc.

Catto & Putty, Inc.
P. O. Box 2408
510 Soledad Street
San Antonio, Texas 78205

Center Supply Company 6867 New Hampshire Avenue Takoma Park, Maryland 20012

Dixie Sales Company
P. O. Box 1408
327 Battleground Avenue
Greensboro, North Carolina 27402

East Point Cycle & Key Shop 1617 Whiteway East Point, Georgia 30044 Gamble Distributors
West End Avenue
Carthage, New York 13619

Garden Equipment Co., Inc. 6600 Cherry Avenue Long Beach, California 90805

Gardenville Supply, Inc. Pipersville, Pennsylvania 18947

Henry W. O'Neil & Assoc., Inc. 410 North Goodman Street Rochester, New York 14609

Henzler, Inc. 2015 Lemay Ferry Road St. Louis, Missouri 63125

Kenton Supply 8216 North Denver Avenue Portland, Oregon 97217

Kimber's Inc. 115 W. Geddes St. Syracuse, New York 13204

The Lawnmower Shop 1340 El Camino Real San Carlos, California 94070

Marr Brothers 423 E. Jefferson Dallas, Texas 75203

Mathews Auto Electric Co. 420 East 2nd Street Tulsa Oklahoma 74120

McClure Lawn & Garden Supply 1114 Lexington Avenue Mansfield, Ohio 44907

Memphis Cycle & Supply Co. 421 Monroe Avenue Memphis Tennessee 38103

Morton B. Collins Co. 300 Birnie Avenue Springfield, Massachusetts 01107

Moz-All of Florida, Inc. 365 Greco Avenue Coral Gables, Florida 33146 National Central, Div. of Joe Sterling, Inc. Drawer "D" 687 Seville Rd. Wadsworth, Ohio 44281

Parts & Sales Inc. 2101 Industrial Pkwy. Elkhart, Indiana 46514

Power Equipment Distributor 36463 So. Gratiot Avenue Mt. Clemens, Michigan 48043

Power Lawn & Garden Equip. Co. 2551-2571 J. F. Kennedy Road Dubuque, lowa 52001

Radco Distributors
2403 Market Street
P. O. Box 3216
Jacksonville, Florida 32206

Raub Supply Company
James & Mulberry Sts.
Lancaster, Pennsylvania 17604

Richmond Battery & Ignition
P. O. Box 25369 — 957 Myers St.
Richmond, Virginia 23260

Smith Hardware Company 515 N. George Street Goldsboro, North Carolina 27530

South Denver Lawn Equip. Co. 527 West Evans Denver, Colorado 80223

Suhren Engine 8330 Earhart Blvd. New Orleans, Louisiana 70118

Sutton's Lawn Mower Shop Route 4, Box 343 North Little Rock, Arkenses 72117

Warner Equipment
7520 Lyndale Avenue, So.
Minneapolis, Minnesota 55423

Woodson Sales & Service 1702 North Sylvania Ft. Worth, Texas 76111

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

- Replacement of Missing Parts on new equipment.
- Replacement of Defective Parts within the warranty period.
- Repair of Defects within the warranty period.

All claims MUST be substantiated with the following information:

- 1. Model Number of unit involved.
- Date unit was purchased or first put into service.
- 3. Date of failure.
- 4. Nature of failure.