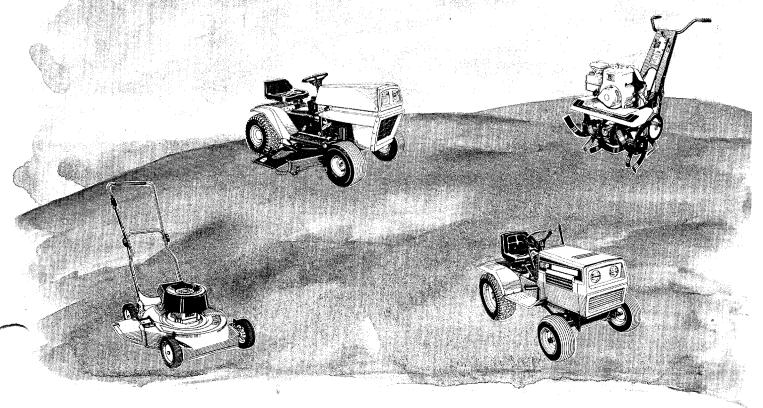
FIFTY CENTS

ASSEMBLY OPERATION PARTS MAINTENANCE

MODEL NOS. 249-670A 249-680A

POWER VACUUMS

IMPORTANT:
READ SAFETY RULES
& INSTRUCTIONS



LIMITED WARRANTY

For one year from the date of original retail purchase, MTD PRODUCTS INC will either repair or replace, at its option, free of charge, F.O.B. factory or authorized service firm, any part or parts found to be defective in material or workmanship. Transportation charges under this warranty must be paid by the purchaser unless return is requested by MTD PRODUCTS INC.

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

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

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

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

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

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

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



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 POWER VACUUMS

- Read the operating and service instructing manual carefully. Be thoroughly familiar with the controls and proper use of the power vacuum.
- 2. Never allow children to operate this power vacuum.
- 3. Keep the area of operation clear of all persons, particularly small children and pets.
- 4. Check fuel before starting engine. Do not fill fuel tank indoors, when engine is running, or while engine is hot. Wipe off any spilled fuel before starting engine.
- 5. Do not change engine governor settings.
- 6. Do not put hands near rotating parts for any reason.
- 7. If the power vacuum should start to vibrate abnormally, stop the engine and check immediately for the cause. Vibration is generally a warning of trouble.
- 8. Before cleaning, repairing or inspecting make certain all moving parts have come to a complete stop. Disconnect spark plug wire and keep wire away from plug to prevent accidental starting. Also keep throttle control lever in the stop position.

- 9. If the power vacuum should become blocked with debris at any point shut engine off and wait until the impeller comes to a complete stop before attempting to remove the obstruction. Disconnect spark plug wire to prevent accidental starting.
- 10. Check all bolts for tightness at frequent periods.
- 11. Never store this power vacuum with fuel in the tank. Allow engine to cool before starting in any enclosure.
- 12. Keep bag and equipment free of debris when not in use.
- 13. Never operate this power vacuum unless air duct and vacuum bag are properly affixed in their place. Large zippered end of bag must be closed when operating to prevent objects from being blown out.
- 14. Never empty vacuum bag when engine is running.
- 15. Never change inlet nozzle or auxiliary hose attachment when engine is running.
- 16. The manufacturer recommends that the operator wear safety glasses or some other suitable eye protection when operating this machine.
- 17. Check the vacuum bag frequently for wear and replace when necessary.

ASSEMBLY INSTRUCTIONS

(Refer to figures 1, 2 and 3)

- 1. Place the upper handle in position and fasten with four (4) hex screws and hex centerlock nuts provided.
- 2. Place the air duct liner (studded end first) into the elbow of air duct. See figure 1.

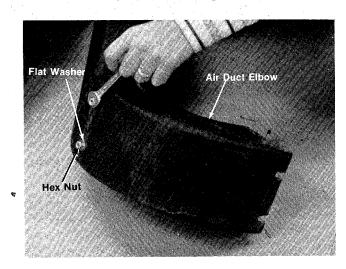


FIGURE 1.

3. Insert studs of air duct liner through holes in air duct. Thread on two (2) flat washers and hex nuts (provided) several turns—do not tighten. See figure 2.

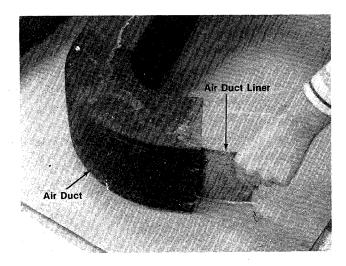


FIGURE 2.

 Place the air duct in position on the blower housing and fasten with four (4) flat washers and hex nuts provided. See figure 3.



FIGURE 3.

- 5. Secure the two (2) hex nuts onto the air duct liner studs at the air duct elbow.
- 6. Slide the vacuum bag over the back of the upper handle and snap the four flaps to hold the bag.
- 7. Fasten the deflector on the top of the air duct with three hex screws, flat washers and hex nuts. (See figure 1.)
- 8. Slide the bag over the air duct.
- Fasten the nozzle to the front of the vacuum with four flat washers and thumb nuts provided.
- 10. Use the following steps on the self propelled unit only.
- 11. Fasten the throttle control to the right hand side of the upper handle with one hex screw and hex center locknut provided.
- 12. Secure throttle control cable to the lower handle with the cable clip provided.



Cable clip must be assembled to

lower handle with the open end towards the engine. This will prevent wear to the bag.

- 13. Place ferrule through control lever.
- 14. Place flat washer over ferrule and thread control rod into ferrule about eight or nine turns.
- 15. Hook formed end of control rod in the shifting finger.
- 16. Place curved face of spacer towards the outside of upper handle left hand side.

- 17. Fasten control lever in position with hex screw and two hex nuts provided.
- Engage and disengage control lever, check for free pivoting action. It may be necessary to readjust the control rod.

OPERATION

 Service engine with gas and oil. See engine manual packed with vacuum for complete instructions for care and maintenance of engine. READ DIRECTIONS CAREFULLY.

START ENGINE

After the engine has been properly fueled and oiled (refer to engine operating and maintenance instructions), start engine in the following manner.

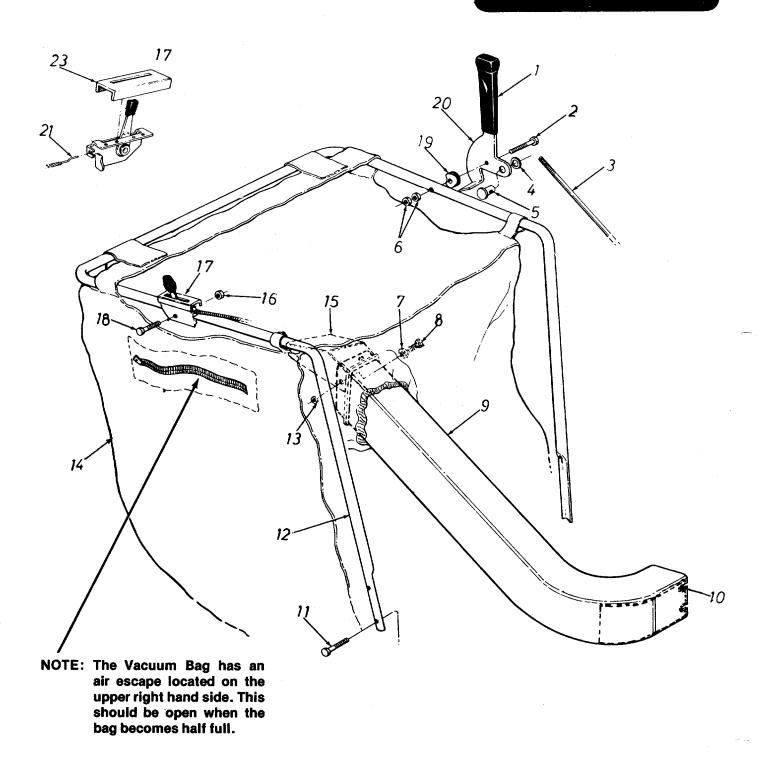
PUSH MODEL

- 1. Move throttle control lever on engine to START position.
- Crank engine. Pull recoil with a quick firm pull. Do not pull out so far that rope stops with a jerk as this will cause rope failure. Do not allow rope and handle to snap back into place.

- 3. After two or three full firm pulls on recoil (or as soon as engine fires), move speed control to run position.
- 4. Operate a new engine at intermediate speeds and light load for the first few hours as you would a new automotive engine.
- 5. To stop engine, move speed control lever on engine to STOP position.
- If carburetor needs adjustment to start or for operation, see "Carburetor Readjustment" section.

SELF PROPELLED MODEL

- 1. Place drive engagement lever in the neutral position (towards the operator).
- 2. Move throttle control lever on handle to START position.
- Crank engine. Pull recoil with a quick firm pull. Do not pull out so far that rope stops with a jerk as this will cause rope failure. Do not allow rope and handle to snap back into place.



EXPLODED VIEW OF UPPER HANDLE

PARTS LIST FOR MODELS 249-670A AND 249-680A

TATTO LIGIT ON MODELS 249-070A AND 249-000A				
REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	720-014	2	Grip (680A)	
2	710-060		Hex Scr. 1/4-20 x 1.50" Lg.*	
			(680A)	
3	711-059		Control Rod (680A)	
4	736-010	8	Fl. Wash510" I.D. x .75"	
_		_	O.D. (680A)	
	711-017		Adj. Ferrule (680A)	
6	712-010	7	Hex Center L-Nut 1/4-20 Thd. (680A)	
7	736-917	3	Flat Wash28" I.D. x .75" O.D. x .063	
8	710-028	a	Hex Scr. 1/4-20 x .50" La.*	
9	731-040		Air Duct	
10	13316	7	Air Duct Liner	
	710-010	6	Hex Scr. 1/4-20 x 1.25" Lg.*	
	12234	•	Upper Handle	1
	712-010	7	Hex Center L-Nut 1/4-20 Thd.	
14	764-012	7	Vacuum Bag	
15	12104		Deflector	
16	712-010	7	Hex Center L-Nut 1/4-20 Thd. (680A)	
17	746-020	2	Throttle Control Ass'y.— Comp. (680A)	
18	710-060	6	Hex Scr. ¹ / ₄ -20 x 1.50" Lg.* (680A)	
19	748-021	0	Spacer (680A)	
20	12226	-	Control Lever(680A)	
21	746-022	9	Conduit and Wire	
23	731-034	4	Plastic Label	

^{*}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.

(436-Radiant Yellow)

When ordering parts, if color or finish is important use the appropriate color code shown above (e.g. Radiant Yellow Finish—12236 (436).)

NOTE: The engine is not under warranty by the vacuum 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."

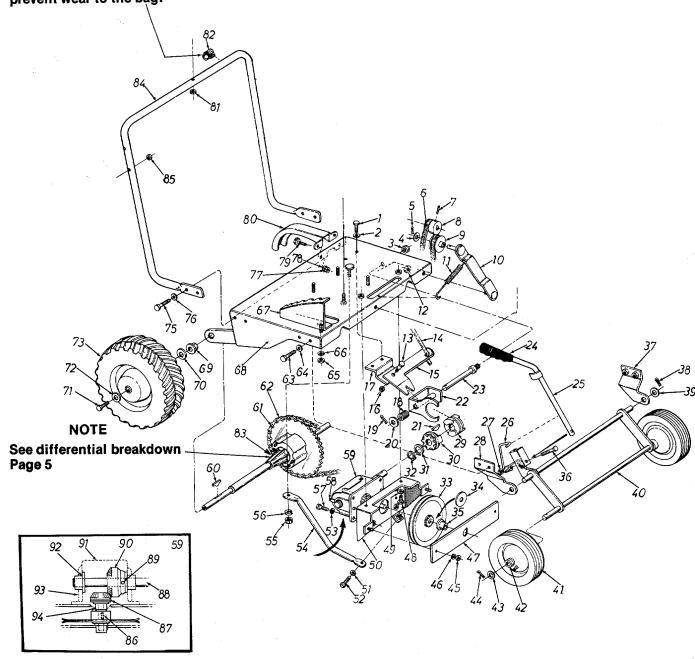


This instruction manual covers various models and all specifications shown do not necessarily apply to your model. Specifications subject to change without notice or obligation.

249-670A 249-680A

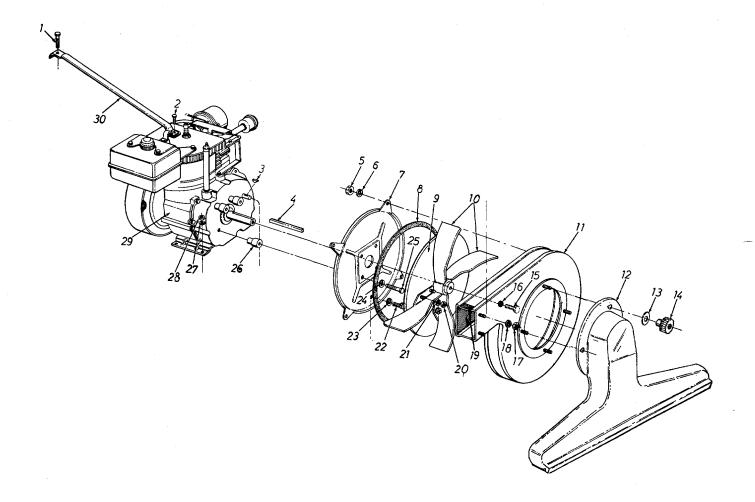


Cable clip must be assembled to lower handle as shown, with open end towards the engine. This will prevent wear to the bag.



PARTS LIST FOR MODELS 249-670A AND 249-680A

	PARTS LIST FOR MODELS 249-670A AND 249-680A							
REF. NO.	PART COLOR NO. CODE	DESCRIPTION	NEW PART	REF.	PART COLOR NO. CODE	DESCRIPTION	NE PA	
1	710-0258	Hex Scr. 1/4-20 x .62" Lg.*		49	736-0119	L-Wash. 5/16" Scr.* (680A)	1	
ا ۾ ا	726 0220	(680A)		50	12211 —463	Gear Box Mtg. Brkt. Ass'y.		
2	736-0329	Spring L-Wash. ¼" Scr.* (680A)		51	736-0119	(680A) L-Wash. 5/16" Scr. * (680A)		
3	712-0116	Hex Ins. L-Nut 3/8-24 Thd.		52	710-0118	Hex Scr. 5/16-18 x .75" Lg.*		
		(680A)				(680A)		
4	736-0117	FlWash. (680A) Cotter Pin 1/16" Dia. x .75"		53	736-0329	L-Wash. 1/4" Scr. * (680A)		
5	714-0127	(680A)	İ	54 55	12222 —463 712-0267	Gear Box Brace (680A) Hex Nut 5/16-18 Thd. *		
6	754-0176	"V"-Belt 1/4" x 22.76" Lg.		- 00	7.2 0201	(680A)		
_	740 0000	(680A)		56	736-0119	L-Wash. 5/16" Scr. (680A)		
7	710-0938	Set Scr ¼-28 x .25" Lg. (680A)		57	710-0258	Hex Scr. ¼-20 x .62" Lg.* (680A)	l	
8	711-0614	P.T.O. Sheave (680A)		58	710-0148	Hex Wash. Hd. F-Tapp Scr. #	8	
9	756-0194	Idler Pulley (680A)				-32 x .38" Lg. (680Å)	ĺ	
10	12206	Idler Brkt. Ass'y. (680A)		59	717-0325	Gear Box Ass'y.—Comp.		
11	732-0157	Spring .38" O.D. (680A)		60	714-0126	(680A) #9 Hi-Pro-Key 3/16" x ¾" Dia	1	
12	712-0429	Hex Ins. L-Nut 5/16-18 Thd. (680A)				(680A)	 	
13	738-0140	Shoulder Bolt .437" Dia. x		61	713-0118	Chain #41 x 61 Links (680A)		
	744 0500	.180 (680A)		62	713-0723	#41 Master Link ½" Pitch Type II (680A)	1	
14	711-0596 12231	Control Rod (680A) Shifting Finger (680A)		63	710-0118	Hex Scr. 5/16-18 x .75" Lg.*		
16	712-0429	Hex Ins. L-Nut 5/16-18 Thd.		64	736-0119	L-Wash. 5/16" Scr.*		
		(680A)		65	712-0267	Hex Nut 5/16-18 Thd.*		
17 18	12213 —463 732-0237	Pivot Brkt. Ass'y. (680A)		66 67	736-0119 12224	L-Wash. 5/16" Scr.* Index Plate Ass'y.	l	
19	714-0474	Compression Spring (680A) Cotter Pin 1/8" Dia. x .75"			12200 —463	Engine Mtg. Frame Ass'y.		
	·	Lg.* (680A)			748-0227	Hex Flange Bearing .630" I.D.		
20	736-0300	FIWash. (680A)			736-0116 710-0258	FIWash.		
21	714-0137	Hi-Pro-Key 3/16" x 34" Dia. x 1.062" Lg. (680A)			736-0211	Hex Scr. 1/4-20 x .62" Lg.* FlWash.		
22	12216	Shifting Yoke Ass'y. (680A)		73	734-0576	Rear Wheel Ass'yComp.		
23	711-0594	Shifting Fork Rod (680A)			710-0118	Hex Scr. 5/16-18 x .75" Lg.*		
24 25	720-0132	Grip			736-0119 712-0287	L-Wash. 5/16" Scr.* Hex Nut 1/4-20 Thd.* (680A)		
26	12208 732-0231	Index Handle Ass'y. Torsion Spring	1		736-0329	L-Wash. 1/4" Scr. * (680A)		
27	712-0107	Hex Center L-Nut 1/4-20 Thd.		79	710-0258	Hex Scr. 1/4-20 x .62" Lg.*		
28	12240 —463	Pivot Brkt. Ass'y.—R.H.		80	12232	(680A) Chain Guard (680A)		
29 30	748-0161 748-0164	Clutch Collar (680A) Sprocket 10 Teeth (680A)			712-0107	Hex Center L-Nut 1/4-20 Thd.		
31	736-0116	FIWash. (680A)		82	726-0178	Cable Tie (680A)		
32	716-0115	Snap Ring for .625" Dia.		83	738-0185	Rear Axle (670A)		
33	756-0195	(680A) Drive Pulley (680A)			717-0353	Differential Ass'y.—Comp. (680A)		
34	736-0195	FlWash. (680A)			12233	Lower Handle		
35	748-0742	Flange Bearing (680A)			712-0107	Hex Center L-Nut 1/4-20 Thd.		
36	710-0136	Hex Scr. 1/4-20 x 1.75" Lg.*		86	714-0229	#2 Woodruff Key 3/32 x ½" Dia. Hdn. (680A)		
37 38	12241 —463 714-0115	Pivot Brkt. Ass'y.—L.H. Cotter Pin 1/8" Dia. x 1.00"		87	748-0136	Pinion Gear .50" I.D. x 14		
		Lg.*				Teeth (680A)		
39	736-0116	FlWash.			711-0593	Drive Shaft (680A)		
40 41	12217 —463 734-0225	Front Axle Ass'y.	-	09	715-0246	Spring Pin Spirol 3/16" Dia. x 1.25 (680A)		
42	748-0176	Front Wheel Ass'y.—Comp. Flange Bearing .630" I.D.		90	748-0135	Bevel Gear .62" I.D. 28 Teeth		
43	736-0116	FlWash.			00107	(680A)		
44	714-0115	Cotter Pin 1/8" Dia. x 1.00"			08187 748-0110	Gear Box Cover (680A) Flange Bearing .630" i.D.		
45	712-0107	Lg.* Hex Center L-Nut 1/4-20 Thd.	,	32	1.40-0110	(680A)		
📆		(680A)			08189	Gear Box (680A)		
46	736-0329	L-Wash. 1/4" Scr. * (680A)	1	94	748-0108	Flange Bearing .503" I.D.		
47 48	12227 —463 710-0118	Bearing Support Brkt. (680A)	1	95	710-0442	(680A) Hex Scr.∕5/16-18 x 1.50 Lg.*		
1	710-0110	Hex Scr. 5/16-18 x .75" Lg. (680A)				Tible College College		
1	1		1	1	I	<u> </u>		



PARTS LIST FOR MODELS 249-670A AND 249-680A

REF.	1	COLOR CODE	DESCRIPTION	NEW PART
1	710-01	06	Hex Scr. 1/4-20 x 1.25" Lg.*	
2	_		Part of Engine	
2 3 4 5 6 7	714-01		Woodruff Key (680A)	
4	714-01	14	Sq. Key 1/4" x 2.00" Lg.	
5	712-02	67	Hex Nut 5/16-18" Thd.*	
6	736-01		L-Wash. 5/16" Scr.*	
7	11452	436	Hopper to Engine Mtg. Plate	
	721-013	28	Gasket Strip—Pressure Sen.	
9	12203	436	Vane Plate Ass'y.	
	12230		Air Vane	
	13320	436	Blower Housing Ass'y.	
	731-02		Nozzle	
13	736-01	59	FlWash344" I.D. x .88"	
			O.D. x .063	
14	712-025		Thumb Nut 5/16-18 Thd.	
15	710-023	39	Hex Scr. 3/8-24 x 1.75" Lg.	
			H.T.	
16	736-021		L-Wash. 3/8" Scr. Heavy Duty	
	712-010		Hex Center L-Nut 1/4-20 Thd.	
18	736-021	11	FlWash285" I.D. x 1.25"	
1			O.D. x .060	
19	721-012		Dust Pad—Pressure Sensitive	
20	712-024		Hex Nut 3/8-24" Thd.*	
21	736-02		L-Wash. 3/8" Scr. Heavy Duty	
22	710-01		Hex Scr. 5/16-18 x .75" Lg.*	
23	736-01		L-Wash. 5/16" Scr.*	
24	736-011	-	L-Wash. 5/16" Scr. *	
25	710-040		Hex Scr. 5/16-24 x 1.75" Lg.*	
	711-059		Engine Spacer	
	736-011		L-Wash. 5/16" Scr. *	
28	712-026	07	Hex Nut 5/16-18 Thd.*	
29 30	740 000	20	Engine	
30	749-032	20	Engine Brace (249-670)	N
	12228		Engine Brace (249-680)	

^{*}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.

(436-Radiant Yellow)

When ordering parts, if color or finish is important use the appropriate color code shown above (e.g. Radiant Yellow Finish—12236 (436).) NOTE: The engine is not under warranty by the vacuum 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."

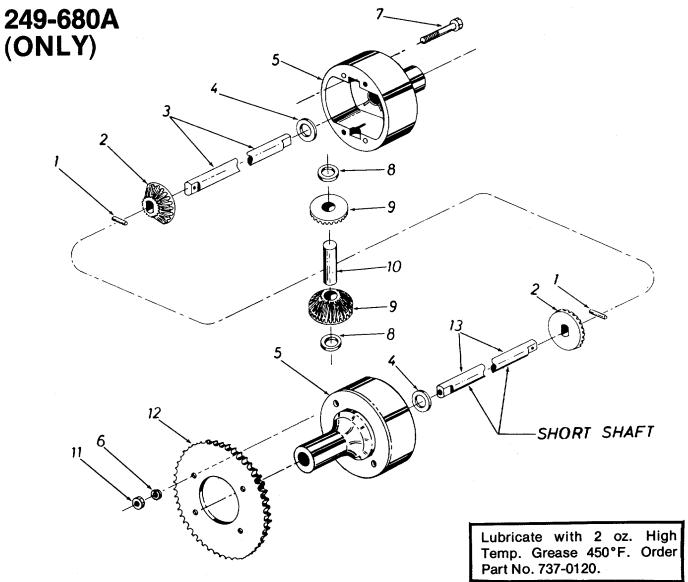


FIGURE 4.
MODEL 717-0353 DIFFERENTIAL ASSEMBLY

PARTS LIST FOR FIGURE 4 MODEL 249-680A

REF. NO.	PART NO.	Qty. Req'd.	DESCRIPTION	NEW PART
1	715-0247	2	Spring Pin Spir. 3/16" Dia. x 1.00" Lg.	
2	748-0185	2	Gear-Double "D" Hole	
	738-0218		Shaft-Long 15.38" Lg.	l
3 4 5 6 7 8	736-0188	2	FI-Wash760 I.D. x 1.49 O.D.	İ
5	717-0341	2	Housing Half L-Wash. 5/16" Scr.* Hex Scr. 5/16-24 x 4.00" Lg.* FI-Wash640 I.D. x 1.24 O.D. Gear—Round Hole Drive Pin	
6	736-0119	2	L-Wash. 5/16" Scr.*	
7	710-0526	2	Hex Scr. 5/16-24 x 4.00" Lg.*	Ì
8	736-0187	2	FI-Wash640 I.D. x 1.24 O.D.	ĺ
9	748-0158	2	Gear—Round Hole	1
10	711-0276	1:	Drive Pin	
11	712-0237	2	Hex Cent. L-Nut 5/16-24 Thd.	
12	09054	1	Sprocket—40 Tooth	
13	738-0217		Shaft—Short 8.31" Lg.	<u> </u>

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

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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 number, description of parts and the quantity of each part required.

ALABAMA	BIRMINGHAM
Auto Electric & Carburetor (NORTH LITTLE ROCK
Sutton's Lawn Mower Shop	Rt. 4 Box 36872117
1411 1411 14 14 14 14 14 14 14 14 14 14	2515 Towers Ave 72901
CALIFORNIA Billious	75 North D Street 93257
Lawn Mower Supply Co	PORTERVILLE 75 North D Street 93257 SAN BERNARDINO 25608 E. Baseline 92410
1111 12 22 11 02	SAN FRANCISCO
J.W. Jewell Co	SACRAMENTO 2030 28th St 95818
COLUBADO	DENVER
South Denver Lawn Equip. FLORIDA	527 West Evans 80223 JACKSONVILLE
Radco Distributors	JACKSONVILLE2403 Market St32206
Moz-All of Florida, Inc	CORAL GABLES365 Greco Ave33146
GEORGIA	2024 Church St 30344
ILLINOIS Koon Edge Co	LYONS 8615 Ogden Ave 60534 ELKHART 2101 Industrial Pkwy 46514
INDIANA	ELKHART
Power Lawn & Garden Equi	p 2551 J.F. Kennedy 52001 NEW ORLEANS
Suhren Engine Co MARYLAND	NEW ORLEANS8330 Earhart Blvd70118 TAKOMA PARK6867 New Hampshire Ave20012
Center Supply Co	6867 New Hampshire Ave20012
MASSACHUSETTS	200 Pirnio Avo 01107
MICHIGAN	26462 South Gratiot 48043
Lorenz Service Co.	LANSING 2500 S. Pennsylvania .48900
MINNESOTA	MINNETONKA 11212 Wayzata Blvd 55343
	CT DAISI
MICCICCIDDI	.3771 Sibley Memorial Hwy55122 BILOXI
Biloxi Sales & Service, Inc.	506 Caillavet St 39533 KANSAS CITY
Automotive Equip. Service	3117 Holmes St 64109 ST. JOSEPH
	Oth and Montorov 6/503
Henzler, Inc	2015 Lemay Ferry Rd63125 BELLMAWR
Lawnmower Parts Inc	ST. LOUIS 2015 Lemay Ferry Rd63125 BELLMAWR717 Creek Rd., P.O. Box 7.08030 RUTHERFORD
Feld Distributor	28 Glen Rd07070
NEW YORK	CARTHAGE West End Ave13619
Gamble Dist., mo	

BRIGGS AND STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

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

2.19.1100	
	SYRACUSE
GTP Leisure Products Inc	420 Marcellus St13204
NORTH CAROLINA	GREENSBORO327 Battleground Ave. 27402
Dixie Sales Company	327 Battleground Ave. 27402
1	MODESHORD
Smith Hardware Co	515 N. George St27530
ОНЮ	WADSWORTH
National Central	687 Seville Rd 44281
•	CLEVELAND7900 Lorain Ave44102 CARROLL
Bleckrie, Inc	7900 Lorain Ave44102
Stebe's Mid-State Mower Su	ipply. Box 366-71 High St 43112
D 1 0	YOUNGSTOWN . 1301 Logan Ave. Box 929 . 44501
Burton Supply Co	MICKOGEE
OKLAHOMA	MUSKOGEE605 S. Cherokee74401
Victory Motors, Inc	OKI AHOMA CITY
Farrat Calco Inc	OKLAHOMA CITY 1039 NW 63rd St73116
Forest Sales IIIC	ADA
Ada Auto Supply	1039 NW 63rd St73116 ADA 301 E. 12th St74820 PORTLAND 8216 N. Denver Ave97217
OREGON	PORTI AND
Konton Supply Co	8216 N. Denver Ave97217
DENNSVI VANIA	CHESTER 742 W. Front St 19013
Stull Equipment Corn	742 W Front St 19013
Staff Equipment corp	HARRISBURG
EECO Inc	HARRISBURG 4021 N. 6th St17110
LEGO Mo	PHILADELPHIA
Thompson Rubber Co	5222-24 N Fifth St 19120
Thompson Habber and the	5222-24 N Fifth St 19120 PITTSBURGH 11125 Frankstown Rd. 15235 KNOXVILLE
Bluemont Co	11125 Frankstown Rd. 15235
TENNESSEE	KNOXVILLE
Master Repair Service	2423 Broadway, N.E3791
	MEMPHIS
Memphis Cycle & Supply Co	o 421 Monroe Ave 381c
TEXAS	DALLAS
Marr Brothers, Inc	DALLAS423 E. Jefferson75203
	HOUSTON
Bullard Supply Co	2409 Commerce St 77003
	HOUSTON2409 Commerce St77003 SAN ANTONIO2408 78206
Catto & Putty, Inc	P.O. Box 2408 78206 FORT WORTH
Mary de sur Colon Corm	1702 N. Sylvania 76111
Woodson Sales Corp	1702 N. Sylvania 76111 SALT LAKE CITY 437 E. 9th St 84111
UTAH	437 F Qth St 84111
VERMONI	180 Flynn Ave 05401
VIDCINIA	RICHMOND
PRI Corn	963 Myers St 23260
WASHINGTON	SEATTLE
Bailey's Inc	180 Flynn Ave05401 RICHMOND963 Myers St23260 SEATTLE 1414 14th Ave98122 CHARLESTON
WEST VIRGINIA	CHARLESTON
Young's, Inc.	CHARLESTON 233 Virginia St., E 25301
WISCONSIN	APPLETON
Automotive Supply Co	APPLETON 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 which it has no control. Simply put, if it's the manufacturer'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.