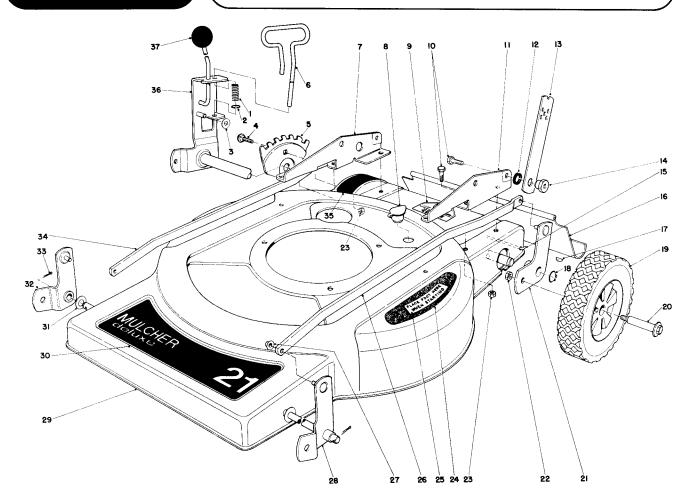
TORO_®

MODEL NO. 18015-0000001 & UP

PARTS CATALOG

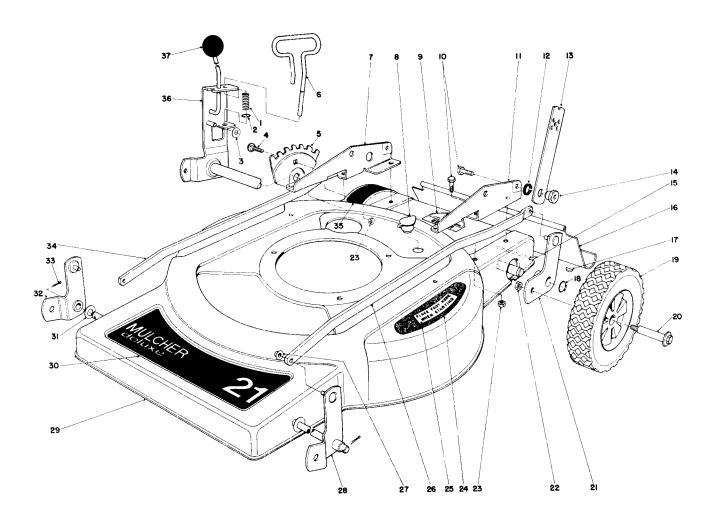
21" H.P. MULCHER



HOUSING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	38-2340	Spring Compression	1
2	32120-18	Ring Retaining	1
3	3256-22	Washer	1
4	37-7190	Carriage Bolt	1
5	36-0010	Plate Adjustment	1
6	38-2350	Stop Rod	1
7	38-2260	Handle Bracket R.H.	1
8	6-4500	Washout Port	1
9	39-5770	Decal - Danger	1
10	322-2	Capscrew	8
11	38-2250	Handle Bracket L.H.	1
12	3-3287	Rubber Spacer	2
13	27-7080	Handle Latch	2
14	27-6520	Pivot Nut	2
15	33-3204	Shield Rod	1

Ref. No.	Part No.	Description	No. Used
16	33-5560	Safety Shield	1
17	3257-32	Woodruff Key	1
18	32151-62	Ring Retaining	1
19	27-6200	Wheel & Tire Assembly	4
20	27-6230	Wheel Bolt	4
21	38-7390	Pivot Arm Rear L.H.	1
22	32146-6	Nut	4
23	32152-1	Nut	7
24	36-0410	Step Pad	1
25	36-2820	Decal — Step Pad	1
26	36-5060	Spanner Link L.H.	1
27	3290-337	Retainer Push On	4
28	38-2320	Pivot Arm Left Front	1
29	38-2310	Housing	1
30	40-2590	Decal — Front Deck	1

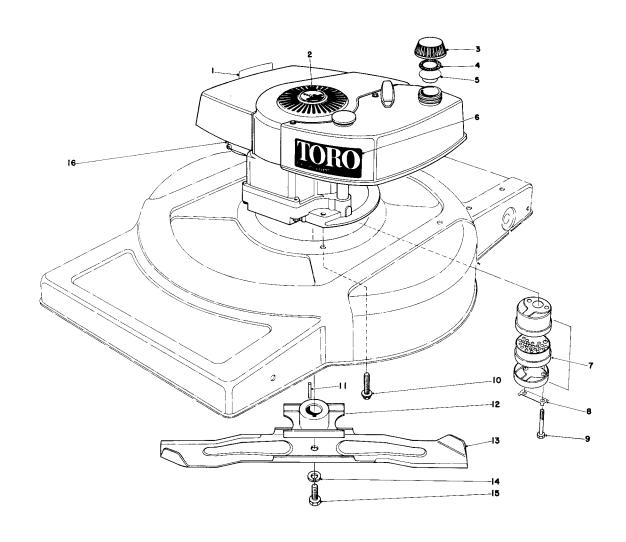


HOUSING ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
31 32 33 34	23-1120 38-2330 3272-11 36-0370	Washer Pivot Arm Right Front Cotter Pin Spanner Link R.H.	2 1 2 1

	lef. No.	Part No.	Description	No. Used
	35	36-0030	Decal Height of Cut	1
:	36	38-7400	Pivot Arm Bracket	1
;	37	233-21	Knob	1
	*	8-7409	Loose Parts	1
İ				
1				
1				
		<u> </u>		

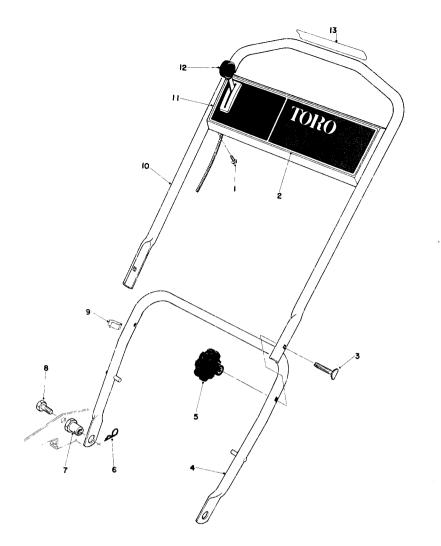
^{*}Not Illustrated



ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	37-1580	Decal — Maintenance	1
2	38-1480	Plug Button	1
3	27-7870	Gas Cap (Incl. Ref. #4 & 5)	1
4	2210-144	Gasket	1
5	2210-143	Baffle	1
6	40-2570	Decal – Engine	1
7	5-4769	Muffler Assy. (Incl. Ref. #8 & 9)	1
8	3-5094	Locking Clip	1

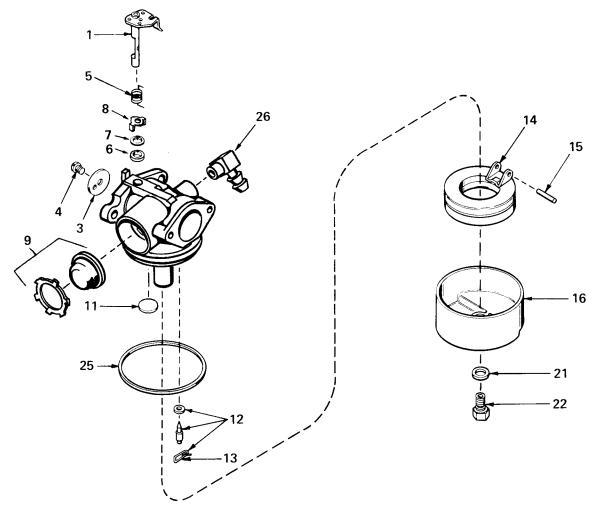
Ref. No.	Part No.	Description	No. Used
9	321-20	Capscrew	2
10	11-0590	Screw	3
11	7-0036	Square Key	1
12	23-0110	Blade Retainer	1
13	36-8220	Blade	1
14	3253-22	Lockwasher	1
15	23-0080	Blade Bolt	1
16	221-655	Engine	1
-			ļ



HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32104-76	Screw	4
2	38-2390	Decal Control Plate	1
3	17-9420	Handle Screw	2
4	38-2450	Lower Handle	1
5	19-4050	Handle Knob	2
6 7	3290-255	Hair Pin Cotter	2 2
7	12-2080	Pivot Nut	2

	Ref. No.	Part No.	Description	No. Used	
	8	322-2	Capscrew	2	
	9	218-466	Conduit Clip	1	
	10	36-0110	Upper Handle	. 1	ı
İ	11	40-3392	Control Plate	1	
	12	36-3272	Throttle Control	1	
	13	40-4540	Decal – Instruction	1	l
					l
					l
					l
					l
					l

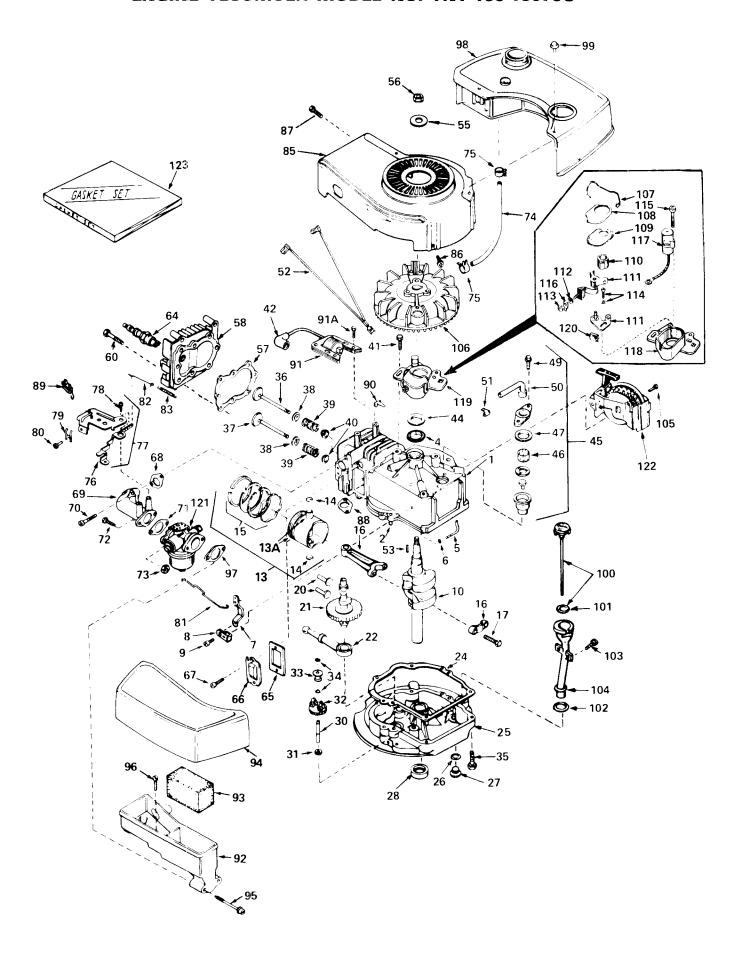


CARBURETOR NO. 632050

		T		
	Ref. No.	Part No.	Description	No. Used
	1	631615	Shaft & Lever Assy., Throttle	1
	3	631616	Shutter, Throttle	1
	4	650506	Screw, Throttle Shutter	1
	5	632016	Spring, Return	1
	6	631971	Seal, Dust	1
	7	631184	Washer	1
	8	631972	Retainer, Dust Seal	1
	9	632047	Bulb & Retainer, Primer	1
	11	631027	Plug, Welch	1
	12	631021	Inlet Needle, Seat & Clip Assy.	
		•	(Incl. Ref. #13)	1
ĺ				
l				
l		'		

Ref. No.	Part No.	Description	No. Used
13	631022	Clip, Inlet Needle	1
14	632019	Float, Carburetor	1
15	631024	Shaft, Float	1
16	631700	Bowl, Float	1
21	631334	Gasket, Bowl-to-Body	1
22	631935	Nut, Float Bowl	1
25	631028	Gasket, Bowl-to-Body	1
26	631807	Fitting, Fuel Inlet	1

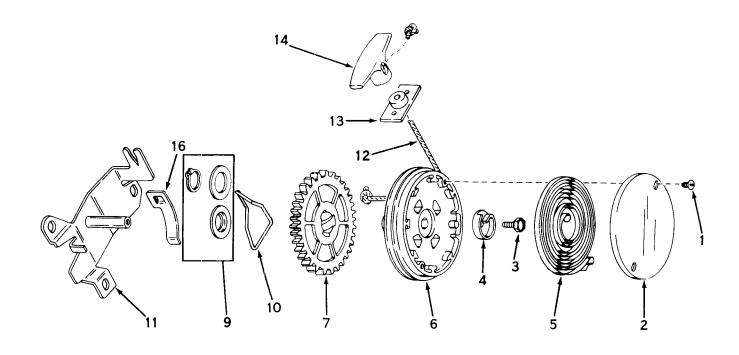
ENGINE TECUMSEH MODEL NO. TNT-100-10070C



ENGINE TECUMSEH MODEL NO. TNT-100-10070C

Ref. No. Part No. Description No. Used 1 34429 Cylinder Assy. (Incl. Ref. #2, 4 & 105) 1 2 26727 Pin, Dowel 2 4 32600 Seal, Oil 1 5 30589 Rod, Governor (Incl. Ref. #6) 1 6 28277 Washer, Flat 1 7 32651 Lever, Governor 1 8 31335 Clamp, Governor Lever 1 9 650548 Screw, Hex Washer Hd. 1 10 34430 Crankshaft 1 13 34520 Piston, Ring & Assy. (Std.) (Incl. Ref. #13A, 14 & 15) 1 13 34521 Piston, Ring & Assy. (Jo 10) oversize) (Incl. Ref. #13A, 14 & 15) 1 1 13A 32603B Piston & Pin Assy. (Std.) (Incl. Ref. #14) 1 1 13A 32604B Piston & Pin Assy. (Jo 20 oversize) (Incl. Ref. #14) 1 1 13A 32605B Ring Set, Piston (Std.) 1 1				
2 26727 Pin, Dowel 2 1 1 1 1 1 1 1 1 1		Part No.	Description	
2 26727 Pin, Dowel Seal, Oil 1 1 1 1 1 1 1 1 1	1	34429		1
4 32600 Seal, Oil 1 5 30589 Rod, Governor (Incl. Ref. #6) 1 6 28277 Washer, Flat 1 7 32651 Lever, Governor 1 8 31335 Lever, Governor Lever 1 9 650548 Screw, Hex Washer Hd. 1 10 34430 Crankshaft Piston, Pin & Ring Assy. (Std.) (Incl. Ref. #13A, 14 & 15) 1 13 34520 Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #13A, 14 & 15) 1 13 34521 Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. # 1 13 34522 Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #1 13 34522 Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #1 13 32603B Piston & Pin Assy. (.010 oversize) (Incl. Ref. #14) 1 13 32604B Piston & Pin Assy. (.010 oversize) (Incl. Ref. #14) 1 13 32605 Ring Set, Piston (Std.) (Incl. Ref. #14) 1 14 20381 Ring, Piston Pin Retaining 2 15 32606 Ring Set, Piston (.020 oversize) 1 15 32607 Ring Set, Piston (.020 oversize) 1 15 32608 Ring Set, Piston (.020 oversize) 1 16 30963B Ring Set, Piston (.020 oversize) 1 17 32610A Bolt, Connecting (Incl. Ref. #17) 1 17 32610A Bolt, Connecting Rod 2 20 27241 Lifter, Valve 2 22 29914 Packed Piston (.020 oversize) 1 24 *26750A Release) Pump Assy., Oil Gasket, Mounting Flange 1 25 30594B Piston (.010 rain Plug 1 26 *28833 Gasket, Oil Drain Plug 1 27 27244 Plug, Oil Drain Plug 1 28 26208 Seal, Oil Gasket, Oil Drain Plug 1 29 30590A Shaft, Mechanical Governor 1 31 30590A Shaft, Mechanical Governor 1 31 30590A Shaft, Mechanical Governor 1 32 30591 Ref. #31) 1 33 30588A Spool, Governor (Incl. Ref. #38, 39 & 40) 1 34 29315B Valve, Exhaust (1/32 oversize) (Incl. Ref. #38, 39 & 40) 1 37 29315B Valve, Exhaust (1/32 oversize) (Incl. Ref. #38, 39 & 40) 1 38 31671 Cap, Lower Valve Spring 2 39 31672 Spring, Valve 40 31673 Cap, Lower Valve Spring 2 30 30504 Shaft Reather Assy. (Incl. Ref. #46 thru 51) 1 31 33887 Clip, Breather Assy. (Incl. Ref. #46 thru 51) 1 32 30586 Rosew, Hex Hd. Self-Tap 7 33735 Gasket, Breather 1 33887 Clip, Breather Assy. (Incl. Ref. #46 thru 51) 1 34 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	26727		'n
5 30589 Rod, Governor (Incl. Ref. #6) 1 28277 Washer, Flat	1 7	1	· ·	1
6 28277 Washer, Flat 1 7 32651 Lever, Governor 1 8 31335 Lever, Governor 1 9 650548 Screw, Hex Washer Hd. 1 10 34430 Crankshaft 1 13 34520 Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #13A, 14 & 15) 1 13 34521 Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #1 1 13 34522 Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #14) 1 13A 32603B Piston & Pin Assy. (.010 oversize) (Incl. Ref. #14) 1 13A 32605B Piston & Pin Assy. (.020 oversize) (Incl. Ref. #14) 1 14 20381 Ring Piston (Std.) 1 15 32606 Ring Set, Piston (Std.) 1 15 32607 Ring Set, Piston (.020 oversize) 1 15 32608 Ring Set, Piston (.020 oversize) 1 15 32607 Ring Set, Piston (.020 oversize) 1 16 32608 Rin	7			
7 32651 Lever, Governor 1 8 31335 9 650548 Screw, Hex Washer Hd. 1 1 1 1 3 34520 Piston, Pin & Ring Assy. (Std.) (Incl. Ref. #13A, 14 & 15) 1 1 3 34521 Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #13A, 14 & 15) 1 1 1 1 1 1 1 1 1	5			
7 32651 Lever, Governor 1 8 31335 9 650548 Screw, Hex Washer Hd. 1 1 1 1 3 34520 Piston, Pin & Ring Assy. (Std.) (Incl. Ref. #13A, 14 & 15) 1 1 3 34521 Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #13A, 14 & 15) 1 1 1 1 1 1 1 1 1	6		Washer, Flat	1
Sacrow, Hex Washer Hd.	/	32651	Lever, Governor	1
9	8	31335	Clamp, Governor Lever	1
10 34430 Crankshaft			Screw Hex Washer Hd	
13 34520 Piston, Pin & Ring Assy. (Std.) (Incl. Ref. #13A, 14 & 15) Tiston, Ring & Assy. (.010 oversize) (Incl. Ref. #13A, 14 & 15) Tiston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #13A, 14 & 15) Tiston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #1 and and and and and and and and and and				
Content				1
13	13	34520		_
Size) (Incl. Ref. #13A, 14 & 15)	1		[(Incl. Ref. #13A, 14 & 15)	1
13	13	34521	Piston, Ring & Assy. (.010 over-	
13			size)(Incl. Ref. #13A, 14 & 15)	1
oversize) (Incl. Ref. # 13A, 14 & 15) 13A 32603B Piston & Pin Assy. (Std.) (Incl. Ref. #14) Piston & Pin Assy. (.010 oversize) (Incl. Ref. #14) Piston & Pin Assy. (.020 oversize) (Incl. Ref. #14) 14 20381 Ring Set, Piston (Std.) 15 32606 Ring Set, Piston (Std.) 15 32607 Ring Set, Piston (.010 oversize) 15 32608 Ring Set, Piston (.010 oversize) 16 30963B Rod Assy., Connecting (Incl. Ref. #17) 17 32610A Solot, Piston (.020 oversize) 18 33553 Ref. #17) 17 32610A Solot, Piston (.020 oversize) 18 33553 Connecting Rod 2	13	34522	Piston, Pin & Ring Assy, (.020	
13A 32603B Piston & Pin Assy. (Std.) 1 1 1 1 1 1 1 1 1				
13A 32603B	1			1
13A 32604B Piston & Pin Assy. (.010 oversize) (Incl. Ref. #14) 1 1 1 1 1 1 1 1 1	124	226020		ı
13A 32604B Piston & Pin Assy. (.010 oversize) (Incl. Ref. #14) 1 1 1 1 1 1 1 1 1	13A	320030		_
Size((Incl. Ref. #14) 1 1 1 1 1 1 1 1 1	1			1
13A 32605B Piston & Pin Assy. (.020 oversize) (18 14 14 20381 Ring, Piston Pin Retaining 2 15 32606 Ring Set, Piston (.010 oversize) 1 15 32608 Ring Set, Piston (.010 oversize) 1 15 32608 Ring Set, Piston (.020 oversize) 1 16 30963B Rod Assy., Connecting (Incl. Ref. #17) 1 17 32610A Bolt, Connecting Rod 2 2 2 27241 Lifter, Valve 2 2 2 2 2 2 2 2 2	13A	32604B	Piston & Pin Assy. (.010 over-	
13A 32605B Piston & Pin Assy. (.020 oversize) (18 14 14 20381 Ring, Piston Pin Retaining 2 15 32606 Ring Set, Piston (.010 oversize) 1 15 32608 Ring Set, Piston (.010 oversize) 1 15 32608 Ring Set, Piston (.020 oversize) 1 16 30963B Rod Assy., Connecting (Incl. Ref. #17) 1 17 32610A Bolt, Connecting Rod 2 2 2 27241 Lifter, Valve 2 2 2 2 2 2 2 2 2				1
Size)(Incl. Ref. #14)	13A	32605B		
14				1
15 32606 Ring Set, Piston (Std.) 15 32607 Ring Set, Piston (.010 oversize) 15 32608 Ring Set, Piston (.020 oversize) 16 30963B Rod Assy., Connecting (Incl. Ref. #17) 17 32610A Bolt, Connecting Rod 20 27241 Lifter, Valve 21 33553 Camshaft (Mech. Compression Release) 22 29914 Pump Assy., Oil 24 *26750A Gasket, Mounting Flange 25 30594B Flange Assy., Mounting (Incl. Ref. #26 thru 30) 26 *28833 Gasket, Oil Drain Plug 27 27244 Plug, Oil Drain 28 26208 Seal, Oil 30 30574 Shaft, Mechanical Governor 31 30590A Washer, Flat 32 30591 Gear Assy., Governor (Incl. Ref. #31) 33 30588A Spool, Governor 34 29193 Ring, Retaining 35 650488 Screw, Hex Hd. 36 29314A Valve, Intake (Std.) (Incl. Ref. #38, 39 & 40) 37 29313B Valve, Intake (Std.) (Incl. Ref. Ref. #38, 39 & 40) 37 29313B Valve, Exhaust (1/32 oversize) (Incl. Ref. #38, 39 & 40) 38 31671 Cap, Upper Valve Spring 39 31672 Spring, Valve 40 31673 Cap, Lower Valve Spring 20 31673 Cap, Lower Valve Spring 21 Cap, Lower Valve Spring 22 Cap, Lower Valve Spring 23 Spring, Valve 24 Gasket, Stator 25 34214 Breather Assy. (Incl. Ref. #46 thru 51) 46 33734 Element, Breather 47 *33735 Gasket, Breather 48 30200 Screw, Hex Hd. Self-Tap 50 33886 Tube, Breather 51 33887 Clip, Breather Tube 52 34432 Wire, Ground 53 650815 Washer, Belleville 56 650815 Washer, Belleville 56 650816 Washer, Belleville 56 650816 Nut, Flywheel	14	20381		
15 32607 Ring Set, Piston (.010 oversize) 1 15 32608 Ring Set, Piston (.020 oversize) 1 16 30963B Rod Assy., Connecting (Incl. Ref. #17) 1 17 32610A Bolt, Connecting Rod 2 20 27241 Lifter, Valve 2 21 33553 Camshaft (Mech. Compression Release) 1 22 29914 Pump Assy., Oil 1 24 *26750A Gasket, Mounting Flange 1 25 30594B Flange Assy., Mounting (Incl. Ref. #26 thru 30) 1 26 *28833 Gasket, Dil Drain Plug 1 27 27244 Plug, Oil Drain 1 28 26208 Seal, Oil 1 30 30574 Shaft, Mechanical Governor 1 31 30590A Washer, Flat 1 32 30591 Gear Assy., Governor (Incl. Ref. #31) 1 33 30588A Spool, Governor 1 34 29193	1	L.		2
15 32608 Ring Set, Piston (.020 oversize) 1 1 30963B Rod Assy., Connecting (Incl. Ref. #17) 1 1 1 1 1 1 1 1 1			Discours Con Print (Std.)	
16 30963B Rod Assy., Connecting (Incl. Ref. #17) 1 1 1 1 1 20 27241 21 33553 Camshaft (Mech. Compression Release) 2 29914 24 *26750A Gasket, Mounting Flange 1 2 27244 21 30594B Flange Assy., Mounting (Incl. Ref. #26 thru 30) 1 2 27244 2 27244 2 2 27244 2 2 2 2 2 2 2 2 2				
Ref. #17 1 1 2 2 2 2 2 2 2				1
17 32610A Bolt, Connecting Rod 2 20 27241 Lifter, Valve 2 21 33553 Camshaft (Mech. Compression Release) 1 22 29914 Pump Assy., Oil Gasket, Mounting Flange 1 24 *26750A Gasket, Mounting Flange 1 25 30594B Flange Assy., Mounting (Incl. Ref. #26 thru 30) 1 26 *28833 Gasket, Oil Drain Plug 1 27 27244 Plug, Oil Drain 1 28 26208 Seal, Oil 1 30 30574 Shaft, Mechanical Governor 1 31 30590A Shaft, Mechanical Governor 1 31 30591 Gear Assy., Governor (Incl. Ref. #31) 1 32 30591 Spool, Governor 1 34 29193 Ring, Retaining 2 35 650488 Screw, Hex Hd. 6 36 29315B Valve, Intake (Std.)(Incl. Ref. #38, 39 & 40) 1 37 29315B <td> 16</td> <td>30963B</td> <td>Rod Assy., Connecting (Incl.</td> <td></td>	16	30963B	Rod Assy., Connecting (Incl.	
17 32610A Bolt, Connecting Rod 2 20 27241 Lifter, Valve 2 21 33553 Camshaft (Mech. Compression Release) 1 22 29914 Pump Assy., Oil Gasket, Mounting Flange 1 24 *26750A Gasket, Mounting Flange 1 25 30594B Flange Assy., Mounting (Incl. Ref. #26 thru 30) 1 26 *28833 Gasket, Oil Drain Plug 1 27 27244 Plug, Oil Drain 1 28 26208 Seal, Oil 1 30 30574 Shaft, Mechanical Governor 1 31 30590A Shaft, Mechanical Governor 1 31 30591 Gear Assy., Governor (Incl. Ref. #31) 1 32 30591 Spool, Governor 1 34 29193 Ring, Retaining 2 35 650488 Screw, Hex Hd. 6 36 29315B Valve, Intake (Std.)(Incl. Ref. #38, 39 & 40) 1 37 29315B <td></td> <td></td> <td>Ref. #17)</td> <td>1</td>			Ref. #17)	1
21 33553 Camshaft (Mech. Compression Release) 1	17	32610A		ż
21 33553 Camshaft (Mech. Compression Release) 1	20			ົ້ວ
Release Pump Assy., Oil Gasket, Mounting Flange 1				2
22	-	33333		
24	22	20014		
25 30594B Flange Assy., Mounting (Incl. Ref. #26 thru 30) 1 26 *28833 Gasket, Oil Drain Plug 1 27 27244 Plug, Oil Drain 1 28 26208 Seal, Oil 1 30 30574 Shaft, Mechanical Governor 1 31 30590A Washer, Flat 1 32 30591 Gear Assy., Governor (Incl. Ref. #31) 1 33 30588A Spool, Governor 1 34 29193 Ring, Retaining 2 35 650488 Screw, Hex Hd. 6 6 36 29314A Valve, Intake (Std.)(Incl. Ref. #38, 39 & 40) 1 37 29315B Valve, Intake (1/32" oversize) (Incl. Ref. #38, 39 & 40) 1 37 29315B Valve, Exhaust (Std.)(Incl. Ref. #38, 39 & 40) 1 38 31671 Cap, Upper Valve Spring 2 31672 Spring, Valve 2 40 31673 Cap, Lower Valve Spring 2 41 650489 Screw, Hex Hd. 2 42 610118 Cover, Spark Plug 1 44 33876 Gasket, Stator 45 34214 Breather Assy. (Incl. Ref. #46 thru 51) 46 33734 Element, Breather 1 47 *33735 Gasket, Breather 1 48 33886 Tube, Breather 1 52 34432 Wire, Ground 1 55 650816 Washer, Belleville 1 56 650816 Nut, Flywheel 1 56 650816 Nut, Flywheel 1 56 650816 Nut, Flywheel 1 56 560816 Nut, Flywheel 1 56 650816 Nut, Flywheel 1 56 560816 Nut, Flywheel 1 56 560	1			-
Ref. #26 thru 30)				1
26 *28833 Gasket, Oil Drain Plug 1 27 27244 Plug, Oil Drain 1 28 26208 Seal, Oil 1 30 30574 Shaft, Mechanical Governor 1 31 30590A Washer, Flat 1 32 30591 Gear Assy., Governor (Incl. Ref. #31) 1 33 30588A Spool, Governor 1 34 29193 Ring, Retaining 2 35 650488 Screw, Hex Hd. 6 36 29314A Valve, Intake (Std.) (Incl. Ref. #38, 39 & 40) 1 37 29315B Valve, Intake (1/32" oversize) (Incl. Ref. #38, 39 & 40) 1 37 29315B Valve, Exhaust (Std.) (Incl. Ref. #46 1 38 31671 Cap, Upper Valve Spring 2 39 31672 Spring, Valve 2 40 31673 Cap, Lower Valve Spring 2 41 650489 Screw, Hex Hd. 2 42 610118	25	30594B	Flange Assy., Mounting (Incl.	
26 *28833 Gasket, Oil Drain Plug 1 27 27244 Plug, Oil Drain 1 28 26208 Seal, Oil 1 30 30574 Shaft, Mechanical Governor 1 31 30590A Washer, Flat 1 32 30591 Gear Assy., Governor (Incl. Ref. #31) 1 33 30588A Spool, Governor 1 34 29193 Ring, Retaining 2 35 650488 Screw, Hex Hd. 6 36 29314A Valve, Intake (Std.) (Incl. Ref. #38, 39 & 40) 1 37 29315B Valve, Intake (1/32" oversize) (Incl. Ref. #38, 39 & 40) 1 37 29315B Valve, Exhaust (Std.) (Incl. Ref. #46 1 38 31671 Cap, Upper Valve Spring 2 39 31672 Spring, Valve 2 40 31673 Cap, Lower Valve Spring 2 41 650489 Screw, Hex Hd. 2 42 610118			Ref. #26 thru 30)	1
27 27244 Plug, Oil Drain 1 28 26208 Seal, Oil 1 30 30574 Shaft, Mechanical Governor 1 31 30590A Washer, Flat 1 32 30591 Gear Assy., Governor (Incl. Ref. #31) 1 33 30588A Spool, Governor 1 34 29193 Ring, Retaining 2 35 650488 Screw, Hex Hd. 6 36 29314A Valve, Intake (Std.) (Incl. Ref. #38, 39 & 40) 1 37 29313B Valve, Intake (1/32" oversize) (Incl. Ref. #38, 39 & 40) 1 37 29315B Valve, Exhaust (Std.) (Incl. Ref. Ref. #38, 39 & 40) 1 37 29315B Valve, Exhaust (1/32 oversize) (Incl. Ref. #38, 39 & 40) 1 38 31671 Cap, Upper Valve Spring 2 39 31672 Spring, Valve 2 40 31673 Cap, Lower Valve Spring 2 41 650489 Screw, Hex Hd. 2 42 610118 Cover, Spark Plug 1 44 <t< td=""><td>26</td><td>*28833</td><td>Gasket Oil Drain Plug</td><td></td></t<>	26	*28833	Gasket Oil Drain Plug	
28				-
30				-
31 30590A 30591			1 .	-
32 30591 Gear Assy., Governor (Incl. Ref. #31) 1 1 3 3 3 3 3 5 8 5 6 5 6 5 6 5 6 5 6 6				1
Ref. #31) 1 1 33 30588A 29193 Ring, Retaining 2 35 650488 Screw, Hex Hd. 6 732 70 70 70 70 70 70 70 7				1
33 30588A 29193 Ring, Retaining 2 35 650488 Screw, Hex Hd. 6 36 29314A Valve, Intake (Std.)(Incl. Ref. #38, 39 & 40) 1 Valve, Intake (1/32" oversize) (Incl. Ref. #38, 39 & 40) 1 Valve, Exhaust (Std.)(Incl. Ref. #38, 39 & 40) 1 Valve, Exhaust (Std.)(Incl. Ref. #38, 39 & 40) 1 Valve, Exhaust (1/32 oversize) (Incl. Ref. #46 Valve, Exhaust (1/32 oversize	32	30591	Gear Assy., Governor (Incl.	
34				1
34	33	30588A	Spool, Governor	1
35	34	29193	Ring, Retaining	
36			Screw Hex Hd	6
#38, 39 & 40) 37 29313B 38 31671 39 31672 40 31673 41 650489 42 610118 43 33734 45 334214 37 33355 48 33734 47 *33735 49 30200 50 33886 51 33887 52 34432 53 610995 54 650816 56 650816 38 3158 29315B #38, 39 & 40) 10 Valve, Exhaust (1/32 oversize) (Incl. Ref. #38, 39 & 40) 10 Valve, Exhaust (1/32 oversize) (Incl. Ref. #38, 39 & 40) 11 Valve, Exhaust (1/32 oversize) (Incl. Ref. #38, 39 & 40) 12 Cap, Upper Valve Spring 23 Spring, Valve 24 Cap, Lower Valve Spring 25 Screw, Hex Hd. 26 Cover, Spark Plug 27 Tube, Breather 28 Casket, Stator 38 Sar Clip, Breather 39 31672 40 31673 40 31673 41 650489 52 34434 53 610995 54 Gesup Hex Washer Hd. Self-Tap 55 650815 56 650816 57 Washer, Belleville 58 Gesup Hex Washer, Belleville 59 Gesup Hex Washer, Flywheel 10 Masher, Belleville 11 Nut, Flywheel				
36	55			1
Clincl. Ref. #38, 39 & 40 1 1 1 1 1 1 1 1 1	26	2021ED		I
37 29313B	30	230100	/Incl Dot #20 20 2 40	4
Ref. #38, 39 & 40 1	27	202120	(IIIUI, nei, #38, 39 & 40)	L
37 29315B	3/	293138		_
(Incl. Ref. #38, 39 & 40) 1 2 39 31672 Spring, Valve 2 2 40 31673 Cap, Lower Valve Spring 2 2 41 650489 Screw, Hex Hd. 2 42 610118 Cover, Spark Plug 1 44 33876 Gasket, Stator 45 34214 Breather Assy. (Incl. Ref. #46 thru 51) 1 46 33734 Element, Breather 1 47 *33735 Gasket, Breather 1 49 30200 Screw, Hex Washer Hd. Self-Tap 2 50 33886 Tube, Breather 1 51 33887 Clip, Breather Tube 1 52 34432 Wire, Ground 1 53 610995 Key, Flywheel 1 56 650816 Nut, Flywheel 1 1 1 1 1 1 1 1 1	67	0001==		1
Clincl. Ref. #38, 39 & 40 1 2 3 3 3 672 2 40 31673 41 650489 42 610118 650489 44 33876 45 34214 8 6 33734 47 *33735 47 48 30200 50 33886 51 33887 52 34432 53 610995 55 650815 650816 Nut, Flywheel 1 1 1 1 1 1 1 1 1	3/	29315B		
38 31671 Cap, Upper Valve Spring 2 39 31672 Spring, Valve 2 40 31673 Cap, Lower Valve Spring 2 41 650489 Screw, Hex Hd. 2 42 610118 Cover, Spark Plug 1 44 33876 Gasket, Stator 1 45 34214 Breather Assy. (Incl. Ref. #46 thru 51) 1 46 33734 Element, Breather 1 47 *33735 Gasket, Breather 1 49 30200 Screw, Hex Washer Hd. Self-Tap 2 50 33886 Tube, Breather 1 51 33887 Clip, Breather Tube 1 52 34432 Wire, Ground 1 53 610995 Key, Flywheel 1 55 650815 Washer, Belleville 1 56 650816 Nut, Flywheel 1	1	1		1
45 34214 Breather Assy. (Incl. Ref. #46 thru 51) 1 46 33734 Element, Breather 1 47 *33735 Gasket, Breather 1 50 33886 Tube, Breather 1 51 33887 Clip, Breather Tube 1 52 34432 Wire, Ground 1 53 610995 Key, Flywheel 56 650815 Washer, Belleville 1 56 650816 Nut, Flywheel 1 1 56 650816 Nut, Flywheel 1 56 650816 Nut, Flywheel 1 1 1 1 1 1 1 1 1				2
45 34214 Breather Assy. (Incl. Ref. #46 thru 51) 1 46 33734 Element, Breather 1 47 *33735 Gasket, Breather 1 50 33886 Tube, Breather 1 51 33887 Clip, Breather Tube 1 52 34432 Wire, Ground 1 53 610995 Key, Flywheel 56 650815 Washer, Belleville 1 56 650816 Nut, Flywheel 1 1 56 650816 Nut, Flywheel 1 56 650816 Nut, Flywheel 1 1 1 1 1 1 1 1 1	39			2
45 34214 Breather Assy. (Incl. Ref. #46 thru 51) 1 46 33734 Element, Breather 1 47 *33735 Gasket, Breather 1 50 33886 Tube, Breather 1 51 33887 Clip, Breather Tube 1 52 34432 Wire, Ground 1 53 610995 Key, Flywheel 56 650815 Washer, Belleville 1 56 650816 Nut, Flywheel 1 1 56 650816 Nut, Flywheel 1 56 650816 Nut, Flywheel 1 1 1 1 1 1 1 1 1				2
45 34214 Breather Assy. (Incl. Ref. #46 thru 51) 1 46 33734 Element, Breather 1 47 *33735 Gasket, Breather 1 50 33886 Tube, Breather 1 51 33887 Clip, Breather Tube 1 52 34432 Wire, Ground 1 53 610995 Key, Flywheel 56 650815 Washer, Belleville 1 56 650816 Nut, Flywheel 1 1 56 650816 Nut, Flywheel 1 56 650816 Nut, Flywheel 1 1 1 1 1 1 1 1 1				2
45 34214 Breather Assy. (Incl. Ref. #46 thru 51) 1 46 33734 Element, Breather 1 47 *33735 Gasket, Breather 1 50 33886 Tube, Breather 1 51 33887 Clip, Breather Tube 1 52 34432 Wire, Ground 1 53 610995 Key, Flywheel 56 650815 Washer, Belleville 1 56 650816 Nut, Flywheel 1 1 56 650816 Nut, Flywheel 1 56 650816 Nut, Flywheel 1 1 1 1 1 1 1 1 1				4
45 34214 Breather Assy. (Incl. Ref. #46 thru 51) 1 46 33734 Element, Breather 1 47 *33735 Gasket, Breather 1 50 33886 Tube, Breather 1 51 33887 Clip, Breather Tube 1 52 34432 Wire, Ground 1 53 610995 Key, Flywheel 56 650815 Washer, Belleville 1 56 650816 Nut, Flywheel 1 1 56 650816 Nut, Flywheel 1 56 650816 Nut, Flywheel 1 1 1 1 1 1 1 1 1				1
thru 51) 1 46 33734 Element, Breather 1 47 *33735 Gasket, Breather 1 49 30200 Screw, Hex Washer Hd. Self-Tap 2 50 33886 Tube, Breather 1 51 33887 Clip, Breather Tube 1 52 34432 Wire, Ground 1 53 610995 Key, Flywheel 1 55 650815 Washer, Belleville 1 56 650816 Nut, Flywheel 1				ī
46 33734 Element, Breather 1 47 *33735 Gasket, Breather 1 49 30200 Screw, Hex Washer Hd. Self-Tap 2 50 33886 Tube, Breather 1 51 33887 Clip, Breather Tube 1 52 34432 Wire, Ground 1 53 610995 Key, Flywheel 1 55 650815 Washer, Belleville 1 56 650816 Nut, Flywheel 1	45	34214		
46 33734 Element, Breather 1 47 *33735 Gasket, Breather 1 49 30200 Screw, Hex Washer Hd. Self-Tap 2 50 33886 Tube, Breather 1 51 33887 Clip, Breather Tube 1 52 34432 Wire, Ground 1 53 610995 Key, Flywheel 1 55 650815 Washer, Belleville 1 56 650816 Nut, Flywheel 1		L		1
47 *33735 Gasket, Breather 1 49 30200 Screw, Hex Washer Hd. Self-Tap 2 50 33886 Tube, Breather 1 51 33887 Clip, Breather Tube 1 52 34432 Wire, Ground 1 53 610995 Key, Flywheel 1 55 650815 Washer, Belleville 1 56 650816 Nut, Flywheel 1			Element, Breather	1
49 30200 Screw, Hex Washer Hd. Self-Tap 2 50 33886 Tube, Breather 1 51 33887 Clip, Breather Tube 1 52 34432 Wire, Ground 1 53 610995 Key, Flywheel 1 55 650815 Washer, Belleville 1 56 650816 Nut, Flywheel 1		*33735		1
50 33886 Tube, Breather 1 51 33887 Clip, Breather Tube 1 52 34432 Wire, Ground 1 53 610995 Key, Flywheel 1 55 650815 Washer, Belleville 1 56 650816 Nut, Flywheel 1	49			Ó
52 34432 Wire, Ground 1 53 610995 Key, Flywheel 1 55 650815 Washer, Belleville 1 56 650816 Nut, Flywheel 1				1
52 34432 Wire, Ground 1 53 610995 Key, Flywheel 1 55 650815 Washer, Belleville 1 56 650816 Nut, Flywheel 1		33887		1
53 610995 Key, Flywheel 1 55 650815 Washer, Belleville 1 56 650816 Nut, Flywheel 1				1
55 650815 Washer, Belleville 1 1 1 1 1 1 1 1 1		12 . 27		I
56 650816 Nut, Flywheel 1			Ney, Flywneel	
56 650816 Nut, Flywheel 1			Washer, Belleville	
5/ *33015 Gasket, Cylinder Head 1			Nut, Flywheel	1
	57	*33015	Gasket, Cylinder Head	
		L		· .

		100-100700	
Ref. No.	Part No.	Description	No. Used
58	34342	Head, Cylinder	1
60	6021A	Screw, Hex Flange Hd.	8
64	33636	Plug, Spark (Champion J-8 or	
		equivalent) Except for Canada	1
64	34251	Resistor Spark Plug (Canadian	·
	Canada	Regulations require RJ-17LM	
	*****	Resistor Spark Plug.)	1
65	*27234	Gasket, Valve Spring Cover	1 1
66 67	32755 650128	Cover, Valve Spring Box Screw, Fil. Hd.	2
68	*32649	Gasket, Intake Pipe	1
69	33004	Pipe, Intake	1 1 2 1 2 2 1 2
70	650451	Screw, Hex Hd.	2
71	*31688	Gasket, Carburetor	1
72 73	6201 29752	Screw, Hex Hd. Nut & Lockwasher Assy.	2
74	30705	Line, Fuel	1
75	26460	Clamp, Fuel Line	2
76	34310	Lever, Control	1
77	33889A	Control Assy., Speed (Incl. Ref.	
70	CE0004	#76, 78 & 89)	1
78	650804	Screw, Hex Washer Hd. Shoulder Self-Tap	1
79	27793	Clip, Conduit	
80	28942	Screw, Hex Washer Hd.	ĺi
81	34336	Link, Governor-to-Throttle	1
82	33151	Link, Governor Spring	1
83	33890	Spring, Governor	1
85 86	33891A 650497	Housing, Blower Screw, Flex Pan Hd.	1 2
87	30200	Screw, Hex Washer Hd.	2
0,	00200	Self-Tap	2
88	*30081	Gasket, Exhaust	1
89	610973	Terminal Assy.	1
90	29443	Clip, Fuel Line	1
91 91A	34431 650814	Lamination & Coil Assy. Screw, Hex Hd.	1
92	33895	Body, Air Cleaner	2 1
93	33896	Filter, Air Cleaner	1
94	33897	Cover, Air Cleaner	1
95	650762	Screw, Fil. Hd.	2 1
96 97	650784 *33051	Screw, Hex Hd. Gasket, Air Cleaner	1
98	33904A	Tank, Fuel	1
99	28763	Screw, Hex Washer Hd.	2
100	33894A	Dipstick, Oil (Incl. Ref. #	
101	22500	101)(Twist Lock)	1
101 102	33590 34265	"O" Ring Gasket	1 1
103	650562	Screw, Hex Washer Hd.	2
104	34380	Tube, Oil Filler (Plastic)	2 1 3
105	650737	Screw, Hex Washer Hd.	3
106 107	611007 30551	Flywheel	1
107	610947	Spring, Breaker Box Dust Cover Cover, Breaker Box Dust	1
109	610955	Gasket, Dust Cover	1
110	30992	Cam, Breaker	i
111	30547B	Breaker Assy.	1
112 113	610385	Washer, Terminal	1
114	610408 29181	Nut, Terminal Screw & Washer Assy., Breaker	1 1
115	610593	Screw, Condenser Fastening	1
116	33356	Tab, Ground Terminal	i
117	30548B	Condenser	1
118	611008	Core & Plate Group	1
119	611006	Stator Assy., (Incl. Ref. #107,	
120	30549	111 thru 118 & 120) Felt, Cam Wiper	1
121	632050	Carburetor (Incl. Ref. #71)	1
122	590450A	Starter, Side Mount	i
123	33906	Gasket Set (Incl. Items	
		marked *)	1



REWIND STARTER NO. 590450A

	Ref. No.	Part No.	Description	No. Used
	1	590477	Screw, Cover	2
	2	590431	Cover, Spring	1
ļ	3	590472	Screw, Hex Washer Hd. Left	
			Hand Thread	1
	4	590432	Hub, Spring	1
	5	590433	Spring, Rewind	1
	6	590434A	Pulley Assy. (Incl. Ref. #9)	1
	7	590435B	Gear	1
	9	590470	Kit, Thrust Washer & Snap Ring	1
		1		

Ref. No.	Part No.	Description	No. Used
10	590438	Brake	1
11	590439A	Bracket Assy., Mounting	1
12	590451A	Rope, Starter (Length 69"	
	!	and 5/32" diameter)	1
13	590441	Bracket Assy. (Can be removed	
		if not required)	1
14	590452	Handle, Starter	1
16	590446	Clip. Rope	1
1			}
]			
1			

The Toro Promise

A ONE YEAR LIMITED WARRANTY

The Toro Company promises to repair any TORO Product if defective in materials or workmanship. The following time periods from the date of purchase apply:

Residential Product 1 Year Residential Products Used Commercially 45 Days

The costs of parts and labor are included, but the customer pays the transportation costs. Just return any residential product to an Authorized TORO Service Dealer or TORO Distributor.

Should you feel your TORO Product is defective and wish to rely on The Toro Promise, the following procedure is recommended:

- Contact any Authorized TORO Service Dealer, TORO Master Service Dealer, or TORO Distributor (the Yellow Pages of your telephone directory is a good reference source).
- He will either instruct you to return the product to him or recommend another Authorized TORO Service outlet which might be more convenient.
- Bring the product along with your original sales slip, or other evidence of purchase date, to the service dealer.
- 4. The servicing dealer will inspect the unit, advise you whether the product is defective and, if so, make all repairs necessary to correct the defect without extra charge to you.

If for any reason you are dissatisfied with the dealer's analysis of the defect or the service performed, you may contact us.

Write:

TORO Consumer Service Department 8111 Lyndale Avenue South Minneapolis, Minnesota 55420

The above remedy of product defects through repair by an Authorized TORO Service Dealer is the purchaser's sole remedy for any defect.

THERE IS NO OTHER EXPRESS WARRANTY. ALL IMPLIED WARRANTIES OF MERCHANT-ABILITY AND FITNESS FOR USE ARE LIMITED TO THE DURATION OF THE EXPRESS WARRANTY.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This warranty applies only to parts or components which are defective and does not cover repairs necessary due to normal wear, misuse, accidents, or lack of proper maintenance. Regular, routine maintenance of the unit to keep it in proper operating condition is the responsibility of the owner.

All warranty repairs reimbursable under The Toro Promise must be performed by an Authorized TORO Service Dealer using Toro approved replacement parts.

Repairs or attempted repairs by anyone other than an Authorized TORO Service Account are not reimbursable under The Toro Promise. In addition, these unauthorized repair attempts may result in additional malfunctions, the correction of which is not covered by warranty.

THE TORO COMPANY IS NOT LIABLE FOR IN-DIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH THE USE OF THE PRODUCT INCLUDING ANY COST OR EXPENSE OF PROVIDING SUBSTITUTE EQUIP-MENT OR SERVICE DURING PERIODS OF MALFUNCTION OR NON-USE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

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

COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

Customers who have purchased TORO products exported from the United States or Canada should contact their TORO Distributor (Dealer) to obtain guarantee policies for your country, province or state. If for any reason you are dissatisfied with your Distributor's service or have difficulty obtaining guarantee information, contact

the TORO importer. If all other remedies fail, you may contact us at The Toro Company.

International Group Service Department One Corporate Center 7401 Metro Boulevard Minneapolis, Minnesota 55435 U.S.A.

PRODUCT CHANGES

In an effort to make improvements available to TORO owners as quickly as possible, minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Parts Catalog. If such a change apparently has been made in your unit, which is not reflected in your manual, see your TORO Distributor or his Authorized TORO Service Dealer for information and part numbers.

IDENTIFICATION AND ORDERING

Model and Serial Numbers

The Mower has two identification numbers: a model number and a serial number. The two numbers are stamped on a decal which is located on the mower housing between the rear wheels. In any correspondence concerning the mower, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Service Dealer, supply the following information.

- 1. Model and serial numbers of the mower.
- 2. Part number, description, and quantity of part(s) desired.

NOTE: Do not order by reference number if a parts catalog is being used; use the PART NUMBER.

Keep Your TORO All Toro



Insist on Genuine Toro Parts

MAINTENANCE RECORD

Date	Hours Used	Oil Change	Air Cleaner Service	Lubrication	Winter Storage	Spring Service	Spark Plug Gap
<u></u>							
					<u> </u>	<u> </u>	

MAINTENANCE RECORD

Date	Hours Used	Oil Change	Air Cleaner Service	Lubrication	Winter Storage	Spring Service	Spark Plug Gap
•							
···							
							
		•					

v19-983 **11**

MAINTENANCE RECORD

Date	Hours Used	Oil Change	Air Cleaner Service	Lubrication	Winter Storage	Spring Service	Spark Plug Gap
							7