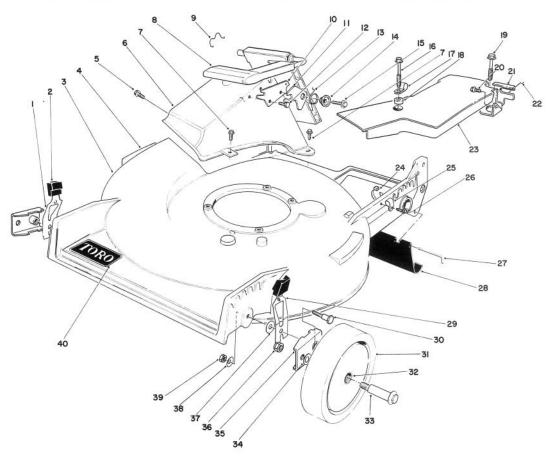


MODEL NO. 20677-9000001 & UP

### PARTS CATALOG

### 21" S.P. REAR BAGGER KEY-LECTRIC



# HOUSING ASSEMBLY (Serial No. 9000101-9003507)

No.

4	No.			Usea
	1	52-7480	Spring Arm Assembly	1
	2	25-7740	Knob — Arm	2
	3	11-4089	Housing (Incl. Ref. #4 & 40)	1
	4	39-5770	Decal - Danger	1
	5	46-6810	Screw & Washer Assembly	1
	6	46-3500	Tunnel — Discharge	1
	7	46-6811	Screw - Thread Forming	3
	8	51-0201	Discharge Door Assembly	1
	9	47-5840	Retainer Door	1
	10	23-1040	Plate — Latch	1
	11	42-4010	Latch — Safety	1
	12	46-8090	Hex Hd. Self-Tapping Screw	1
	13	33-4860	Spring — Torsion	1
	14	43-4840	Spacer - Latch	1

Screw - Special

Clamp - Cable

Description

Hex Hd. Self-Tapping Screw

Ref.

Part No.

46-8091

37-7262

2412-87

15 16

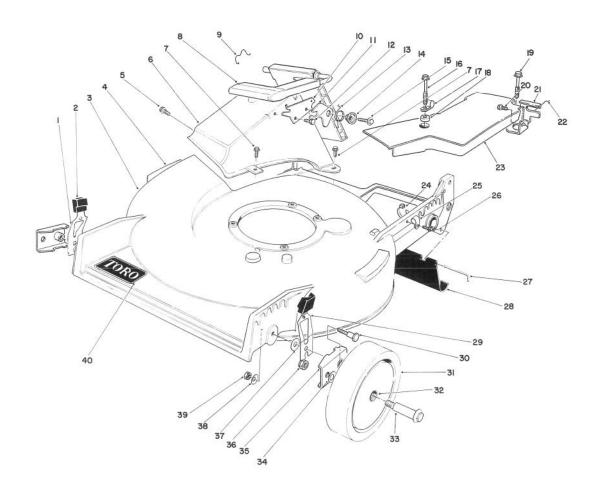
Ref. No.	Part No.	Description	No. Used
18	3-5792	Washer	1
19	37-7260	Screw - Special	1
20	32144-70	Screw — Thread Forming	1
21	62-3940	Bracket -	1000
		Traction Adjustment	1
22	46-7030	Retainer - Cable	1
23	62-4314	Cover - Belt	1
24	3290-378	Cable Tie	1
25	2412-83	R-Clamp	1
26	12-5450	Screw - Self-Tapping	1
27	33-3208	Rod — Shield	1
28	44-0580	Shield - Trailing	1
29	52-7490	Spring Arm Assembly	1
30	44-5270	Screw - Pivot	2
31	11-9509	Wheel & Tire Assembly (Incl. Ref. #32)	2

C-0401-89

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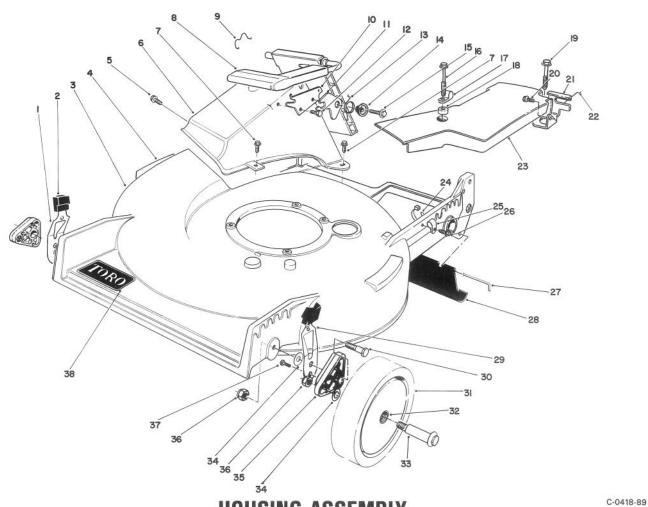


# HOUSING ASSEMBLY (Continued) (Serial No. 9000101-9003507)

C-0401-89

Ref. No.	Part No.	Description	No. Used
32	27-6250	Bushing	4
33	27-6231	Bolt - Wheel	2 2 2 2
34	40-1940	Washer — Wheel Bolt	2
35	47-2940	Pivot Arm Assembly	2
36	52-3620	Locknut	2
	10		

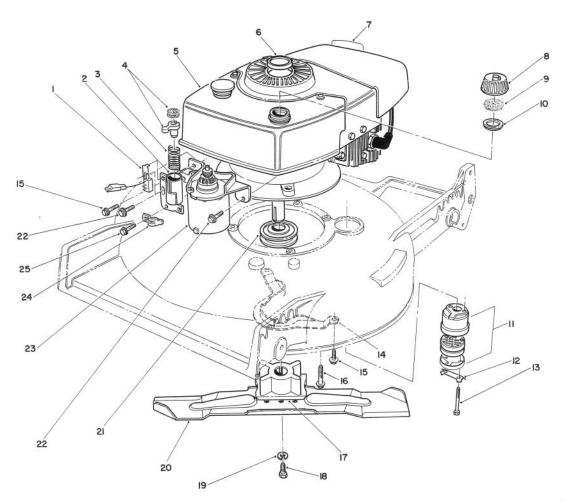
Ref. No.	Part No.	Description	No. Used
37 38 39 40	5-4460 3290-456 3296-29 71-0600	Washer — Pivot Washer — Belleville Locknut Decal — Toro	2 2 2 1



# HOUSING ASSEMBLY (Serial No. 9003508-9099999)

Ref. No.	Part No.	Description	No. Used
1	71-0560	Spring Arm Assembly RH	1
2	25-7740	Knob — Arm	2
3	13-4679	Housing (Incl. Ref. #4 & 38)	1
4	39-5770	Decal - Danger	1
5	46-6810	Screw & Washer Assembly	1
6	46-3500	Tunnel — Discharge	1
7	46-6811	Screw - Thread Forming	3
8	51-0201	Discharge Door Assembly	1
9	47-5840	Retainer Door	1
10	23-1040	Plate — Latch	1
11	42-4010	Latch — Safety	1
12	46-8090	Hex Hd. Self-Tapping Screw	1
13	33-4860	Spring — Torsion	1
14	43-4840	Spacer — Latch	1
15	46-8091	Hex Hd. Self-Tapping Screw	1
16	37-7262	Screw - Special	1
17	2412-87	Clamp — Cable	1
18	3-5792	Washer	1
19	37-7260	Screw - Special	1
20	32144-70	Screw — Thread Forming	1

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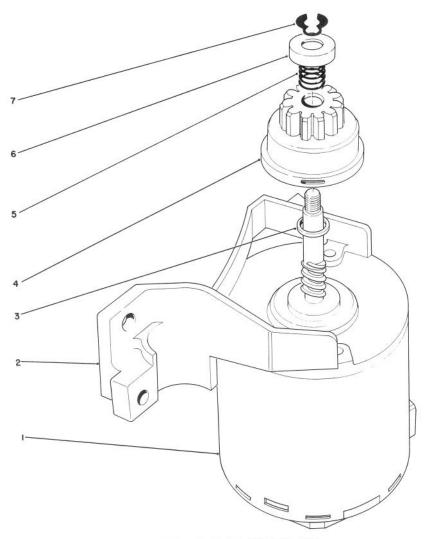


C-0419-89

## **ENGINE ASSEMBLY**

Ref. No.	Part No.	Description	No. Used
1	47-6530	Switch — Push Button	1
2	46-5840	Tube Assembly	1
2	47-2180	Spring — Compression	1 1 1
4	47-7350	Plunger & Pad Assembly	1
5		Engine	1
6	38-1480	Plug — Button	1
7	37-1580	Decal — Maintenance	1
8	42-0682	Gas Cap (Incl. Ref. #9 & 10)	1
9	2210-144	Gasket - Gas Cap	1 1 1
10	2210-143	Baffle — Gas Cap	1
11	5-4769	Muffler Assembly (Incl. Ref. #12 & 13)	1
12	3-5094	Clip — Locking	1

Ref. No.	Part No.	Description	No. Used
13	321-20	Hex Hd. Capscrew	2
14	40-5720	Guide — Belt	1
15	49-2040	Screw — Thread Forming	2
16	11-0581	Screw — Thread Forming	2 3 1 1 1 1
17	62-7540	Retainer - Blade	1
18	26-0670	Screw - Blade	1
19	3253-22	Lockwasher	1
20	42-1000	Blade	1
21	62-7550	Pulley — Driver	
22	12-3270	Screw — Thread Forming	2
23	49-4210	Starter Motor Assembly	1 2 1
24	46-6530	Clamp - Cable	1
25	12-5450	Screw — Self-Tapping	1



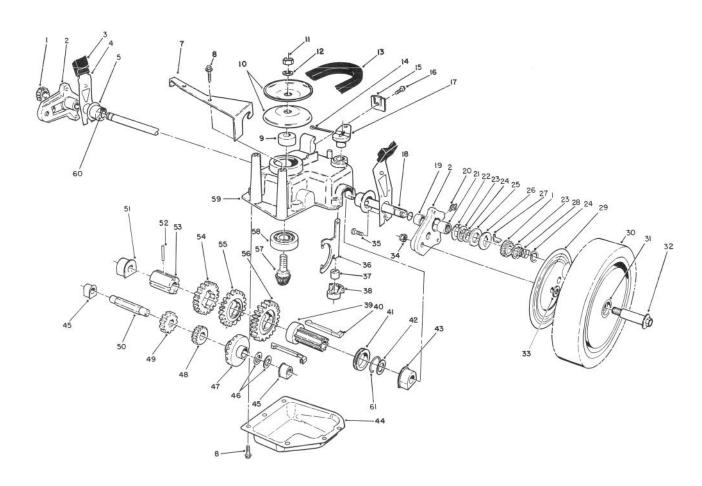
C-0259-89

## STARTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	218-543	End Frame w/Brushes & Electrical Terminal	1
2	218-541	End Frame w/Bushing	1
2	23-9591	Spacer	1 1 1 1
4	43-4370	Pinion Assembly	1

Ref. No.	Part No.	Description	No. Used
5	44-0500	Spring - Compression	1
6	49-2170	Stop - Pinion	1
7	32151-47	Ring - Retaining External	1
*	49-4210	Starter Assembly	
		(Incl. Ref. # 1-7)	1

<sup>\*</sup> Not Illustrated



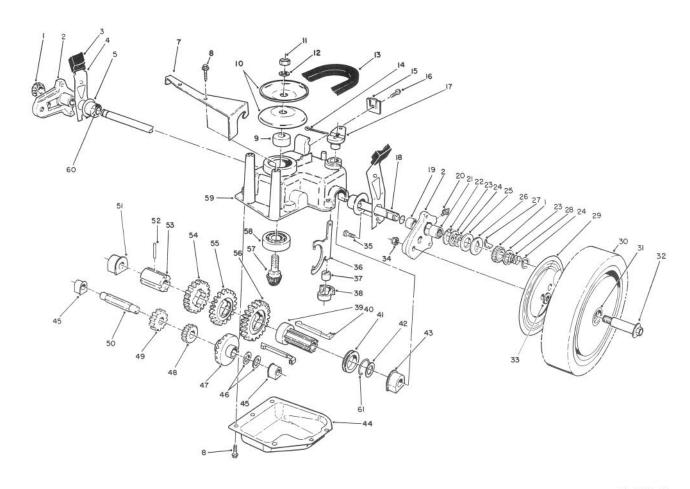
C-0371-89

## **GEAR CASE ASSEMBLY**

Ref. No.	Part No.	Description	No. Used
1	65-4750	Pinion	2
2	63-8700	Pivot Arm Assembly (Incl.	
_		Ref # 19, 20, & 21)	2 2 2 1
3	25-7740	Knob – Arm	2
4	63-8720	Spring Arm Assembly	2
5	42-3520	End Cap	2
0.000	62-4320	Bracket - Belt Guide	
-	49-2040	Screw - Self Tapping	8
9	62-6660	Spacer	1 2 1
	60-8840	Pulley - Half	2
65.00	3296-5	Locknut	1
Transfer .	3256-24	Washer - Flat	1
1.00	62-3900	V-Belt	1
23 (3)	3272-10	Pin - Cotter	1
	46-5610	Cable Clamp	1
10000	32144-70	Screw - Thread Forming	1
17	60-8820	Lever - Shift	1
0.0000000	65–4770	Shaft - Output	1
19	47-2890	Bushing	2 2 2 2
	302-56	Fitting - Grease	2
	48-2060	Needle Bearing	2
22	65-4730	Thrust Washer	2
23	65-4740	Thrust Washer	4
24	65-2720	Ring - Retaining	4
25	65-4710	Ring - Friction	2

Ref. No.	Part No.	Description	No. Used
26	65-4760	Washer - Clutch	2
27	66-6050	Key - Rocker L.H.	1
*	66-6040	Key - Rocker R.H.	
28	65-4720	Spring	1 2 2
100000000000000000000000000000000000000	63-5270	Cover - Wheel	2
30	11-9519	Wheel - Tire & Gear Ass'y	
		(Incl. Ref. # 31)	2
31	27-6250	Bushing - Wheel	
32	27-6231	Wheel Bolt	4 2 4 2 2
33	40-1940	Washer - Wheel Bolt	4
34	52-3620	Locknut	2
35	32144-85	Screw	2
	60-8870	Yoke - Shift	1
37	29-9570	Bushing - Yoke	1
	60-8810	Retainer - Shift Fork	1 1 2 1 1
39	74-3620	Sleeve - Shift Key	1
40	65-5230	Key - Shift	2
100000000000000000000000000000000000000	60-8760	Collar - Shift	1
42	36-4780	Washer - Thrust	1
43	60-8770	Bushing - Output Shaft	1
44	60-8730	Cover - Gear Case	1
45	60-8750	Bushing - Int. Shaft	2 2 1
46	36-4791	Washer - Thrust	2
47	55-3760	Gear - Pinion 15 Tooth	]
48	55–3780	Gear - Pinion 20 Tooth	1

<sup>\*</sup> Not Illustrated



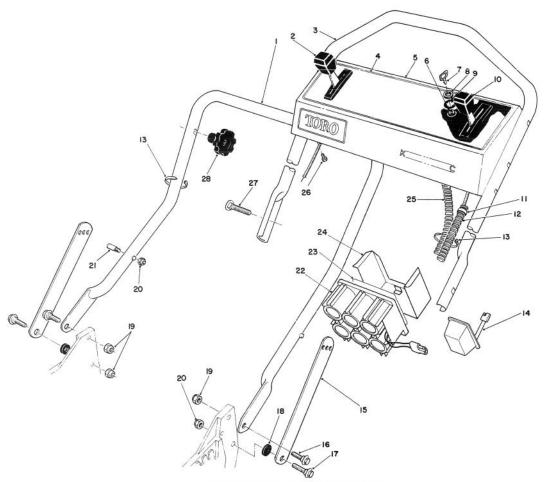
C-0371-89

## GEAR CASE ASSEMBLY (CONTINUED)

Ref. No.	Part No.	Description	No. Used
49	55-3800	Gear - Pinion	1
50	60-8800	Shaft - Intermediate	1
51	60-8850	Bushing - Output Shaft	1
52	32121-120		1
53	60-8790	Sleeve - Gear Gear - 39 Tooth 3rd Gear	1
54 55	55–3810 55–3790	Gear - 39 Tooth 3rd Gear Gear - 44 Tooth 2nd Gear	

Ref. No.	Part No.	Description	No. Used
56	55–3770	Gear - 49 Tooth 1st Gear	1 1 1 2 1 1
57	60–8890	Pinion - Bevel	
58	38–7820	Bearing - Ball	
59	60–8710	Gear Case - Upper	
60	237–153	O-Ring	
61	65–5250	Clip - Spring	
*	62–6673	Gear Case Assembly	

<sup>\*</sup> Not Illustrated



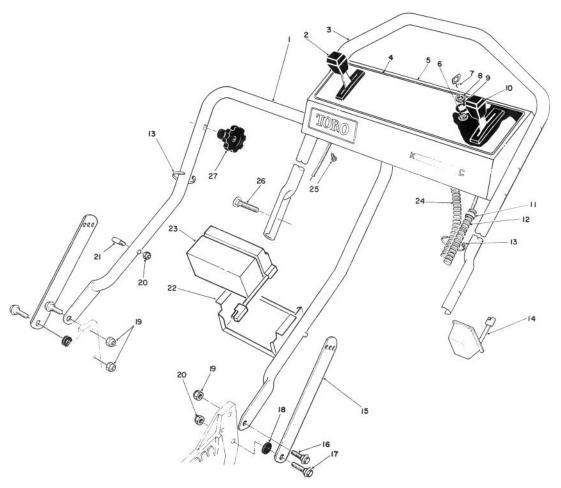
HANDLE ASSEMBLY (Serial No. 9000101-9005855) (9006400 & Up)

Ref. No. Part No. Description No. Used 1 43-1361 Lower Handle Assembly 1 2 46-5431 Control - Ground Speed (Bend Type #1) (Sheath Lg. 421/4 inch, 107.3 cm.) (Wire Lg. 2% inch, 60 cm.) 1 46-5411 3 Handle - Upper 1 4 70-2650 Decal - Instruction Panel 1 13-6529 Panel - Control 5 1 6 46-5780 Switch - Starter (Incl. Ref. #7-9) 1 7 63-8360 Key 1 8 218-461 Hex Nut 1 9 3254-5 Lockwasher 1 10 67-9814 Control - Throttle (Sheath Lg. 551/2 inch, 140.9 cm.) (Wire Lg. 21/8 inch, 5.4 cm.) 1

Ref. No.	Part No.	Description	No. Used
11 12 13 14 15 16 17 18 19 20	2412-50 46-6440 3290-378 6-9780 43-1370 27-7211 27-7210 3-3287 3296-29 3296-47 49-2750 55-7520	Clip — Convoluted Tubing Cover — Control Cable Tie — Cable Battery Charger Assembly Latch — Handle Screw — Shoulder Screw — Shoulder Spacer — Handle Latch Locknut Locknut Pin — Handle Battery Assembly	Used 4 1 4 1 2 2 2 3 3 2 1 1 1 1
23 24 25 26 27 28	55-8190 55-8180 46-5812 32104-76 17-9421 19-4050	Decal — Charging Instructions Retainer — Battery Harness — Wire Screw — Tapping Screw — Handle Knob — Handle Release	1 1 1 5 2 2

C-0420-89

<sup>†</sup> Service Replacement Parts



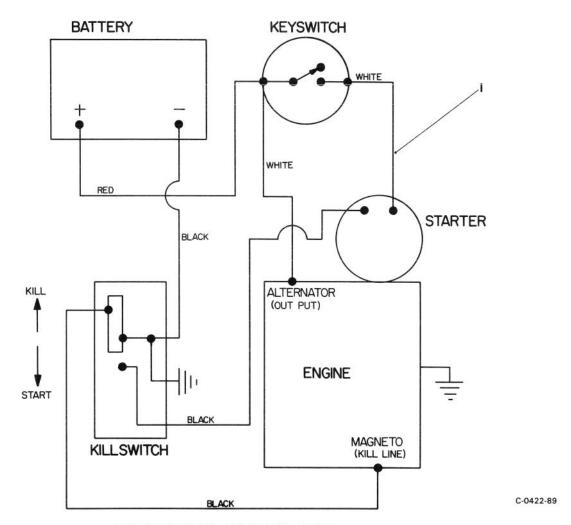
# HANDLE ASSEMBLY (Serial No. 9005856-9006399)

C-0421-89

1 2	43-1361		
2		Lower Handle Assembly	1
	46-5431	Control — Ground Speed	
		(Bend Type #1)	
		(Sheath Lg. 42¼ inch,	
		107.3 cm.)	
8		(Wire Lg. 2% inch, 60 cm.)	1
3	46-5411	Handle — Upper	1
4	70-2650	Decal — Instruction Panel	1
5	13-6529	Panel — Control	1
6	46-5780	Switch — Starter	
		(Incl. Ref. #7-9)	1
7	63-8360	Key (Set of 2)	1
8	218-461	Hex Nut	1
9	3254-5	Lockwasher	1
10	67-9814	Control — Throttle	
		(Sheath Lg. 55½ inch,	
		140.9 cm.)	
		(Wire Lg. 21/8 inch, 5.4 cm.)	1

Ref. No.	Part No.	Description	No. Used
11 12 13 14 15 16 17 18 19 20 21†	3-3287 3296-29 3296-47	Clip — Convoluted Tubing Cover — Control Cable Tie — Cable Battery Charger Assembly Latch — Handle Screw — Shoulder Screw — Shoulder Spacer — Handle Latch Locknut Pin — Handle	4 1 4 1 2 2 2 2 2 3 3 2
211 22 23 24 25 26 27	49-2750 63-8480 63-8570 46-5812 32104-76 17-9421 19-4050	Retainer — Battery Battery Harness — Wire Screw — Tapping Screw — Handle Knob — Handle Release	1 1 5 2 2

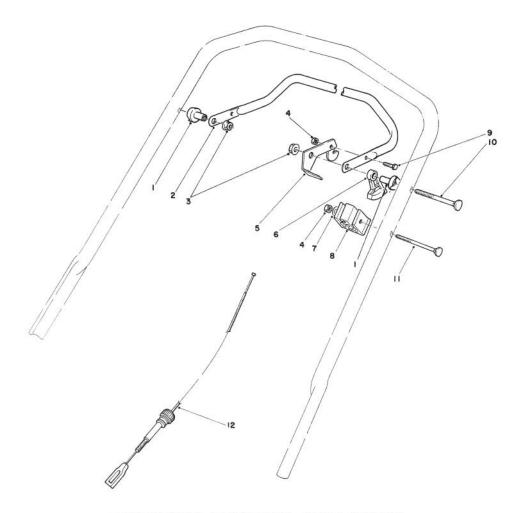
<sup>†</sup> Service Replacement Parts



### **ELECTRICAL SCHEMATIC**

Ref. No.	Part No.	Description	No. Used
1	46-5812	Harness — Wire	1

Ref. No.	Part No.	Description	No. Used

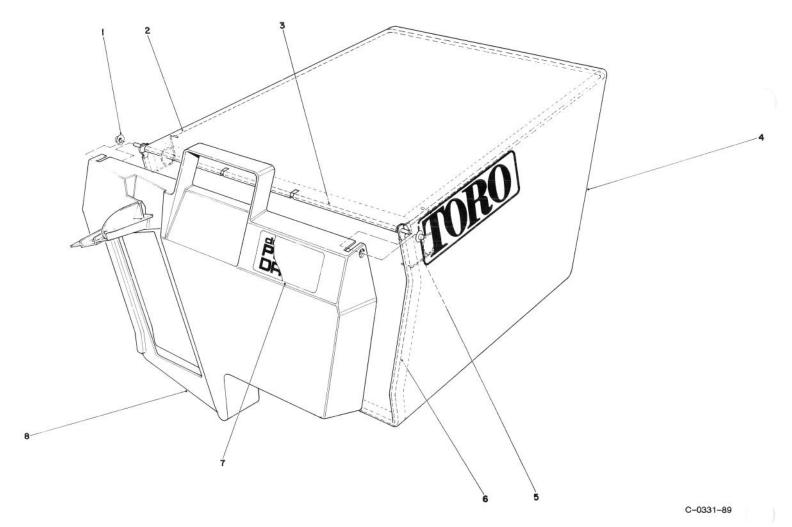


C-0423-89

## TRACTION CONTROL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	49-1630	Support - Spacer	2
2	52-7430	Control Bar	1
1 2 3 4	3296-58	Nut — Flange Lock	1 2 2 1
4	3296-42	Locknut	2
5	66-5350	Lever — Control	1
6	46-5520	Lever — Traction	1
		1	1

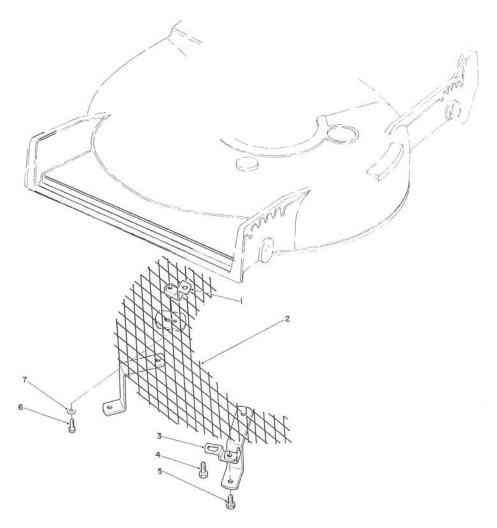
Ref. No.	Part No.	Description	No. Used
7	3256-22	Washer	1
8	46-6980	Support — Cable	1 1 2 1
9	321-3	Hex Hd. Capscrew	1
10	17-9421	Screw - Handle	2
11	46-6434	Screw - Handle	1
12	46-5481	Cable — Traction	1



## GRASS BAG ASSEMBLY NO. 43-0018

Ref. No.	Part No.	Description	No. Used
1	3290-422	Nut - Push	2
2	42-4030	Bag Frame - Upper	1
3	33-4820	Hinge - Bag Door	1
4	8–2759	Bag - Grass	1

Ref. No.	Part No.	Description	No. Used
5 6 7 8	36-6910 42-4020 66-2150 37-1393	Spring Frame - Bag Decal - Bag Door Door - Grass Bag	2 1 1 1
		-	

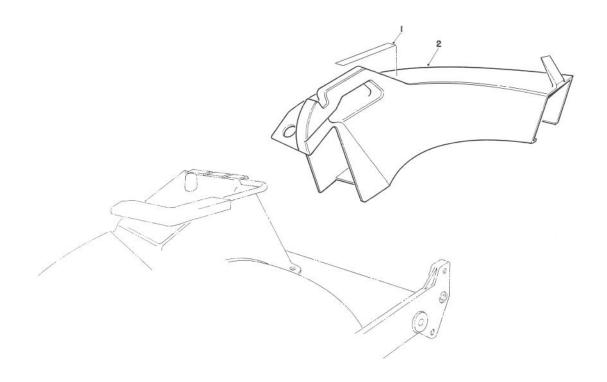


C-0302-89

## LEAF SHREDDER KIT MODEL NO 59157 (OPTIONAL)

	None Manual (TA)		
Ref. No.	Part No.	Description	No. Used
1	47-6260	Bracket	1
2	47-6230	Screen	1
3	46-4880	Bracket - Mounting	2 3
4	32144-11	Self Tapping Screw	3

Ref. No.	Part No.	Description	No. Used
567	321-3 321-5 3256-1	Hex Hd. Capscrew Hex Hd. Capscrew Washer	2 1 1

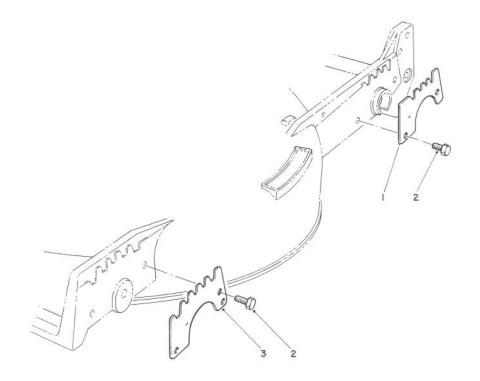


T-0716-89

## SIDE DISCHARGE CHUTE MODEL NO 59168 (OPTIONAL)

Ref. No.	Part No.	Description	No. Used
1 2	39-9120 13-2239	Decal - Caution Chute - Discharge (Incl Ref. # 1)	1
		" ',	

Ref. No.	Part No.	Description	No. Used
	500		



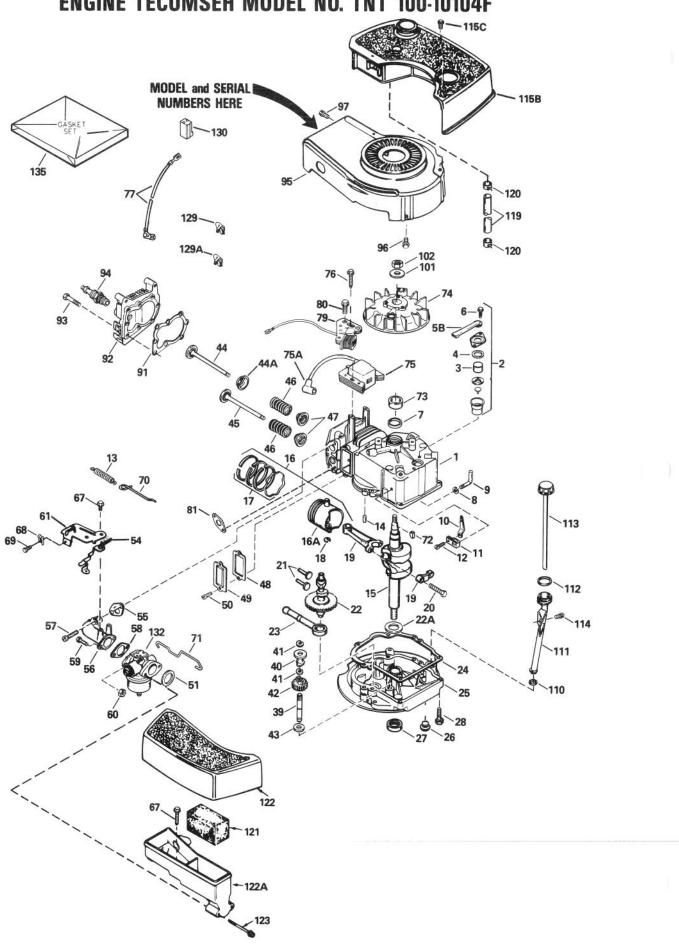
C-0332-89

## WEAR PLATE MODEL NO. 49-4080 (OPTIONAL)

Ref. No.	Part No.	Description	No. Used
1 2	49–4070 32104–17	Plate - Rear Wear Thread Forming Screw	2 8

Ref. No.	Part No.	Description	No. Used
3	43-5050	Plate - Wear Front	2

## **ENGINE TECUMSEH MODEL NO. TNT 100-10104F**

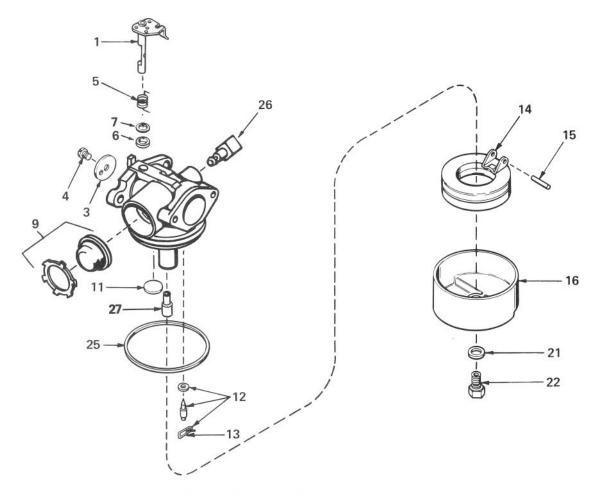


## **ENGINE TECUMSEH MODEL NO. TNT 100-10104F**

2 3 3 4 5 8 6 3 4 5 8 9 3 10 11 12 13 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16		Cylinder Assy. (Incl. Ref. #6 & 14) Breather Assy. (Incl. Ref. #3-6 & 129) Element, Breather Gasket, Breather Tube, Breather Screw, Hex Washer Hd. Self-Tap Seal, Oil Washer, Flat Rod, Governor (Incl. Ref. #8) Lever, Governor Clamp, Governor Lever Screw, Hex Washer Hd. Spring, Extension Pin, Dowel Crankshaft Assy. Piston, Pin & Ring Assy. (STD.) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy. (.010 oversize)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
3 3 4 * 5B 6 3 7 8 9 3 10 11 12 13 14 15 16 16 3 16A 3 16A 3 16A 3 17 17 17 18 19 20 21 22 13	3734 33735 33886 30200 82600 8277 30589 32651 81335 850548 83890 86727 85482 85545	(Incl. Ref. #3-6 & 129) Element, Breather Gasket, Breather Tube, Breather Screw, Hex Washer Hd. Self-Tap Seal, Oil Washer, Flat Rod, Governor (Incl. Ref. #8) Lever, Governor Clamp, Governor Lever Screw, Hex Washer Hd. Spring, Extension Pin, Dowel Crankshaft Assy. Piston, Pin & Ring Assy. (STD.) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
4 * 5B 6 3 7 8 2 9 3 10 11 12 13 14 15 16 3 14 15 16 3 16A 3 16A 3 16A 3 16A 3 17 17 17 18 19 3 20 21 22	33735 33886 30200 32600 8277 30589 32651 31335 3550548 33890 26727 35482 35544 35545	Element, Breather Gasket, Breather Tube, Breather Screw, Hex Washer Hd. Self-Tap Seal, Oil Washer, Flat Rod, Governor (Incl. Ref. #8) Lever, Governor Clamp, Governor Lever Screw, Hex Washer Hd. Spring, Extension Pin, Dowel Crankshaft Assy. Piston, Pin & Ring Assy. (STD.) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
4 * 5B 6 3 7 8 2 9 3 10 11 12 13 14 15 16 3 14 15 16 3 16A 3 16A 3 16A 3 16A 3 17 17 17 18 19 3 20 21 22	33735 33886 30200 32600 8277 30589 32651 31335 3550548 33890 26727 35482 35544 35545	Gasket, Breather Tube, Breather Screw, Hex Washer Hd. Self-Tap Seal, Oil Washer, Flat Rod, Governor (Incl. Ref. #8) Lever, Governor Clamp, Governor Lever Screw, Hex Washer Hd. Spring, Extension Pin, Dowel Crankshaft Assy. Piston, Pin & Ring Assy. (STD.) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
5B 3 7 8 2 9 3 10 3 11 12 13 14 15 16 3 16 3 16 3 16 3 16 3 16 3 16 3 1	33886 30200 32600 8277 30589 32651 31335 3550548 33890 26727 35482 35544 35545	Tube, Breather Screw, Hex Washer Hd. Self-Tap Seal, Oil Washer, Flat Rod, Governor (Incl. Ref. #8) Lever, Governor Clamp, Governor Lever Screw, Hex Washer Hd. Spring, Extension Pin, Dowel Crankshaft Assy. Piston, Pin & Ring Assy. (STD.) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	1 2 1 1 1 1 1 1 1 2 1 1	
6 3 7 8 2 9 3 10 3 11 12 13 14 15 16 3 16 3 16 3 16 3 16 3 16 3 16 3 1	30200 32600 32657 30589 32651 31335 3550548 33890 26727 35482 35544 35545	Screw, Hex Washer Hd. Self-Tap Seal, Oil Washer, Flat Rod, Governor (Incl. Ref. #8) Lever, Governor Clamp, Governor Lever Screw, Hex Washer Hd. Spring, Extension Pin, Dowel Crankshaft Assy. Piston, Pin & Ring Assy. (STD.) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	1 1 1 1 1 2 1 1	
8 9 3 10 3 11 3 14 2 13 14 15 16 3 16 3 16 3 16 3 16 3 16 3 16 3 1	28277 30589 32651 31335 3590 26727 35482 35544 35545	Seal, Oil Washer, Flat Rod, Governor (Incl. Ref. #8) Lever, Governor Clamp, Governor Lever Screw, Hex Washer Hd. Spring, Extension Pin, Dowel Crankshaft Assy. Piston, Pin & Ring Assy. (STD.) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	1 1 1 1 1 2 1 1	
8 9 3 10 3 11 3 14 2 13 14 15 16 3 16 3 16 3 16 3 16 3 16 3 16 3 1	28277 30589 32651 31335 3590 26727 35482 35544 35545	Washer, Flat Rod, Governor (Incl. Ref. #8) Lever, Governor Clamp, Governor Lever Screw, Hex Washer Hd. Spring, Extension Pin, Dowel Crankshaft Assy. Piston, Pin & Ring Assy. (STD.) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	1 1 1 1 1 2 1 1	
9 3 10 3 11 3 12 6 13 3 14 2 15 3 16 3 16 3 16 3 16 3 16 3 16 3 16 3 16	80589 82651 81335 850548 83890 86727 85482 85544 85545	Rod, Governor (Incl. Ref. #8) Lever, Governor Clamp, Governor Lever Screw, Hex Washer Hd. Spring, Extension Pin, Dowel Crankshaft Assy. Piston, Pin & Ring Assy. (STD.) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	1 1 1 2 1 1	
10 3 11 3 12 6 13 14 15 16 3 16 3 16 3 16 3 16 3 16 3 16 3 1	32651 31335 350548 33890 26727 35482 35544 35545	Lever, Governor Clamp, Governor Lever Screw, Hex Washer Hd. Spring, Extension Pin, Dowel Crankshaft Assy. Piston, Pin & Ring Assy. (STD.) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	1 1 1 1 2 1 1	
11 3 12 6 13 14 2 15 16 3 16 3 16 3 16 3 16 3 16 3 16 3 1	31335 550548 33890 26727 35482 35544 35545	Clamp, Governor Lever Screw, Hex Washer Hd. Spring, Extension Pin, Dowel Crankshaft Assy. Piston, Pin & Ring Assy. (STD.) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	1 1 2 1 1	
12 6 3 14 2 15 3 16 3 16 3 16 3 16 3 16 3 16 3 16 3	350548 33890 26727 35482 35544 35545 35545	Screw, Hex Washer Hd. Spring, Extension Pin, Dowel Crankshaft Assy. Piston, Pin & Ring Assy. (STD.) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	1 1 2 1 1	
13 3 14 2 15 3 16 3 16 3 16 3 16 3 16 3 16 3 16 3	33890 26727 35482 35544 35545 35546	Spring, Extension Pin, Dowel Crankshaft Assy. Piston, Pin & Ring Assy. (STD.) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	1 2 1 1	
15 3 16 3 16 3 16 3 16 3 16 3 16 3 16 3	35482 35544 35545 35546 35541	Pin, Dowel Crankshaft Assy. Piston, Pin & Ring Assy. (STD.) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	2 1 1 1	
15 3 16 3 16 3 16 3 16 3 16 3 16 3 16 3	35482 35544 35545 35546 35541	Crankshaft Assy. Piston, Pin & Ring Assy. (STD.) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	1 1 1	
16 3 16 3 16 3 16 3 16 3 16 3 16 3 17 17 17 18 19 3 20 21 22 1	35544 35545 35546 35541	Piston, Pin & Ring Assy. (STD.) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	1	
16 3 16A 3 16A 3 16A 3 17 3 17 3 18 2 19 3 20 3 21 2	35545 35546 35541	(Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	1	
16 3 16A 3 16A 3 17 3 17 3 17 17 18 29 20 21 22	35546 35541	Piston, Pin & Ring Assy. (.010 oversize) (Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	1	
16A 3 16A 3 16A 3 17 3 17 3 17 3 18 2 19 3	35541	(Incl. Ref. #16A, 17 & 18) Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	1	
16A 3 16A 3 16A 3 17 3 17 3 17 3 18 2 19 3	35541	Piston, Pin & Ring Assy. (.020 oversize) (Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	1	
16A 3 16A 3 16A 3 17 3 17 3 17 3 18 2 19 3	35541	(.020 oversize) (Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	132	
16A 3 16A 3 17 3 17 3 17 3 18 2 19 3		(Incl. Ref. #16A, 17 & 18) Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	132	
16A 3 16A 3 17 3 17 3 17 3 18 2 19 3		Piston & Pin Assy. (Std.) (Incl. Ref. #18) Piston & Pin Assy.	132	
16A 3 16A 3 17 3 17 3 17 3 18 2 19 3		(Incl. Ref. #18) Piston & Pin Assy.	1	
16A 3 17 3 17 3 17 3 18 2 19 3	35542	Piston & Pin Assy.		
16A 3 17 3 17 3 17 3 18 2 19 3	55542			
17 3 17 3 17 3 18 2 19 3 20 3 21 2				
17 3 17 3 17 3 18 2 19 3 20 3 21 2		(Incl. Ref. #18)	1	
17 3 17 3 17 3 18 2 19 3 20 3 21 2	35543	Piston & Pin Assy.		
17 3 17 3 18 2 19 3 20 3 21 2	30010	(.020 oversize)		
17 3 17 3 18 2 19 3 20 3 21 2		(Incl. Ref. #18)	1	
17 3 18 2 19 3 20 3 21 2	35547	Ring Set, Piston (Std.)	1	
18 2 19 3 20 3 21 2	35548	Ring Set, Piston (.010 oversize)	1	
19 3 20 3 21 2	35549	Ring Set, Piston (.020 oversize)	1	
20 3	20381	Ring, Piston Pin Retaining	1	
21 2	30963B	Rod Assy., Connecting		
21 2		(Incl. Ref. #20)	1	
	32610A	Bolt, Connecting Rod	2	
		Valve, Lifter Camshaft (Mech.		
22 3	33033	Camsnart (Mecn. Compression Release)	1	
22A 3	32323	Washer, Thrust	1	
3-20-20	29914	Pump Assy., Oil	1	
3779833	*35261	Gasket, Mounting Flange	1	
0000000	34311B	Flange, Mounting		
,		(Incl. Ref. #26, 27 & 39)	1	
26 2	27244	Plug, Oil Drain	1	
J. 60 S. 70 St	27897	Seal, Oil	1	
	650488	Screw, Hex Hd.	6	
100000000000000000000000000000000000000	30574	Shaft, Governor	1	
1000	30588A	Spool, Governor	1	
	29193	Ring, Retaining	2	
42	30591	Gear Assy., Governor	1	
40	25470	(Incl. Ref. #43)	1 1	
17 - 14 O E C C	35479	Washer, Flat	1	
44	29314B	Valve, Intake (Std.) (Incl. Ref. #47)	1	
44	29315C	Valve, Intake (1/32" oversize)	1	
44	233130	(Incl. Ref. #47)	1	
44A	35390	Seal Assy., Intake Valve	1	

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Ref. No.	Part No.	Description	No. Used
A2010	120000000000000000000000000000000000000	201976 APRIL 0000000 000	
45	29313C	Valve, Exhaust (Std.)	
45	29315C	(Incl. Ref. #47) Valve, Exhaust (1/32" oversize)	1
45	233130	(Incl. Ref. #47)	1
46	31672	Spring, Valve	2
47	31673	Cap, Lower Valve Spring	2
48	*27234A	Gasket, Valve Spring Box	1
49 50	32755 650128	Cover, Valve Spring Box Screw, Hex Hd.	1 2
51	*33051	Gasket, Air Cleaner	1
54	34310	Lever, RPM Adjusting	1
55	*34690A	Gasket, Intake Pipe	1
56	33004A	Pipe, Intake (Incl. Ref. #55)	1
57 58	650451 *31688A	Screw, Hex Hd.	1 1 2 1
59	6201	Gasket, Carburetor Screw, Hex Hd.	2
60	29752	Nut & Lockwasher	2
61	33889A	Bracket Assy., Control	
		(Incl. Ref. #54 & 67)	1
67	650804	Screw, Hex Washer Hd.	2
68	27793	Shoulder, Self-Tap Clip, Conduit	1
69	28942	Screw, Hex Washer Hd.	i
100000000000000000000000000000000000000	33151	Link, Governor Spring	1
71	34336	Link, Throttle	1
72	611004	Key, Flywheel	1
73 74	34080 611050	Spacer, Flywheel Key Flywheel	1
75	34443A	Solid State Assy.	1
	610118	Cover, Spark Plug	1
76	650814	Screw, Torx Hex Washer Hd.	2
77	35020	Wire, Ground	1
79 80	34990 650767	Coil, Alternator Screw, Hex Washer Hd.	1 2
81	*30081A	Gasket, Exhaust	1
91	*33015A	Gasket, Cylinder Head	1
92	34342	Head, Cylinder	1
93	6021A	Screw, Hex Flange Hd.	8
94	35395	Spark Plug, Resistor (Champion RJ-19LM or equivalent)	1
95	33891B	Housing, Blower	1
	650561	Screw, Hex Washer Hd.	455
97	30200	Screw, Hex Washer Hd. Self-Tap	2
101	650815	Washer, Belleville	1
102	650816 34265	Nut, Flywheel Gasket, Fill Tube	1
111	35581	Tube, Oil Fill	2 2 1 1 1 1 1
100000000000000000000000000000000000000	35499	"O" Ring	1
113	35582	Dipstick, Oil Fill	
	650562	Screw, Hex Washer Hd.	1
115B	33904B	Tank Assy. (Incl. Ref. #118 & 120)	1
1150	28763	Screw, Hex Washer Hd.	1 2
119	30705	Line, Fuel	2 1 2 1 1 1 2 1
120	26460	Clamp, Fuel Line	2
121	33896	Filter, Air Cleaner	1
122	33897 33895	Cover, Air Cleaner Body, Air Cleaner	1
123	650762	Screw, Fil. Hd.	2
129	29443	Clip, Spring	1
129A	33887	Clip, Breather	1
130		Connector, Body	1
132 135	632050A 33906B	Carburetor (Incl. Ref. #58) Gasket Set	1
135	333000	(Incl. items marked *)	1
		,	15

<sup>\*</sup> Indicates parts included in Gasket Set, Ref. #135.



## CARBURETOR NO. 632050A

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	631767	Spring, Throttle Return	1
6	631971	Seal, Dust	1
7	631184	Washer, Flat	1
9	632047	Bulb & Retainer, Primer	1
11	631027	Plug, Welch	1
12	631021	Inlet Needle, Seat & Clip Assy.	
		(Incl. Ref. #13)	1

Ref. No.	Part No.	Description	No. Used
13 14 15 16 21 22 25 26 27	631022 632019 631024 631700 631334 631935 631028 631807 632158	Clip, Inlet Needle Float, Carburetor Shaft, Float Bowl, Float Gasket, Bowl-to-body Nut, Float bowl Gasket, Bowl-to-body Fitting, Fuel Inlet Spacer	1 1 1 1 1 1 1

#### 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 number 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.

## The Toro Promise

A TWO YEAR LIMITED WARRANTY

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

Residential Product . . . . . . . . . . . . . . . . 2 Years 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.
- 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 MERCHANTABILITY AND

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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 attemped 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 INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH THE USE OF THE PRODUCT INCLUDING ANY COST OR EXPENSE OF PROVIDING SUBSTITUTE EQUIPMENT 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.

Litho U.S.A.

## MAINTENANCE RECORD

Date				
	1			
		7		