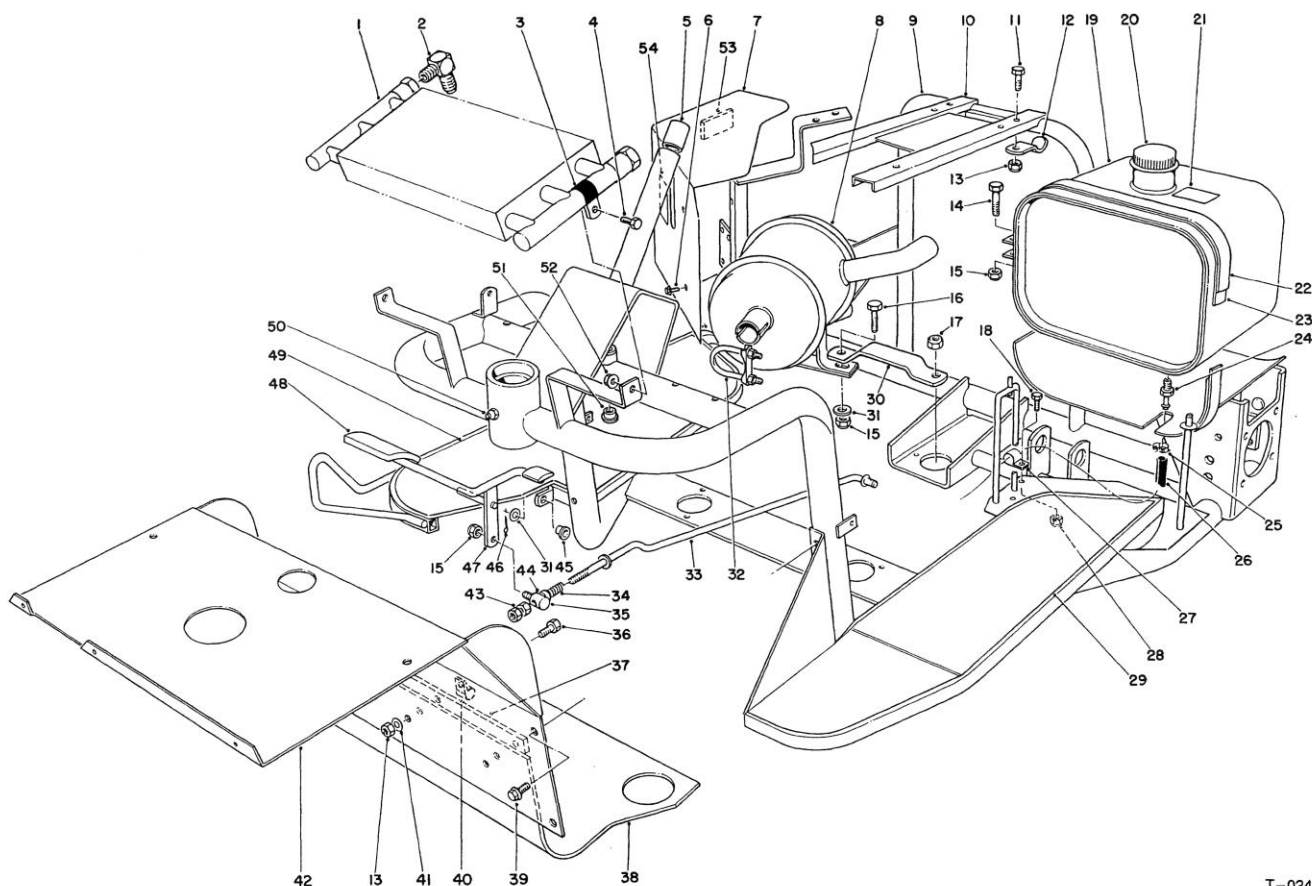


TORO®

MODEL NO. 08880-20001 & UP

PARTS CATALOG

SAND PRO® 14 TRACTION UNIT & ACCESSORIES



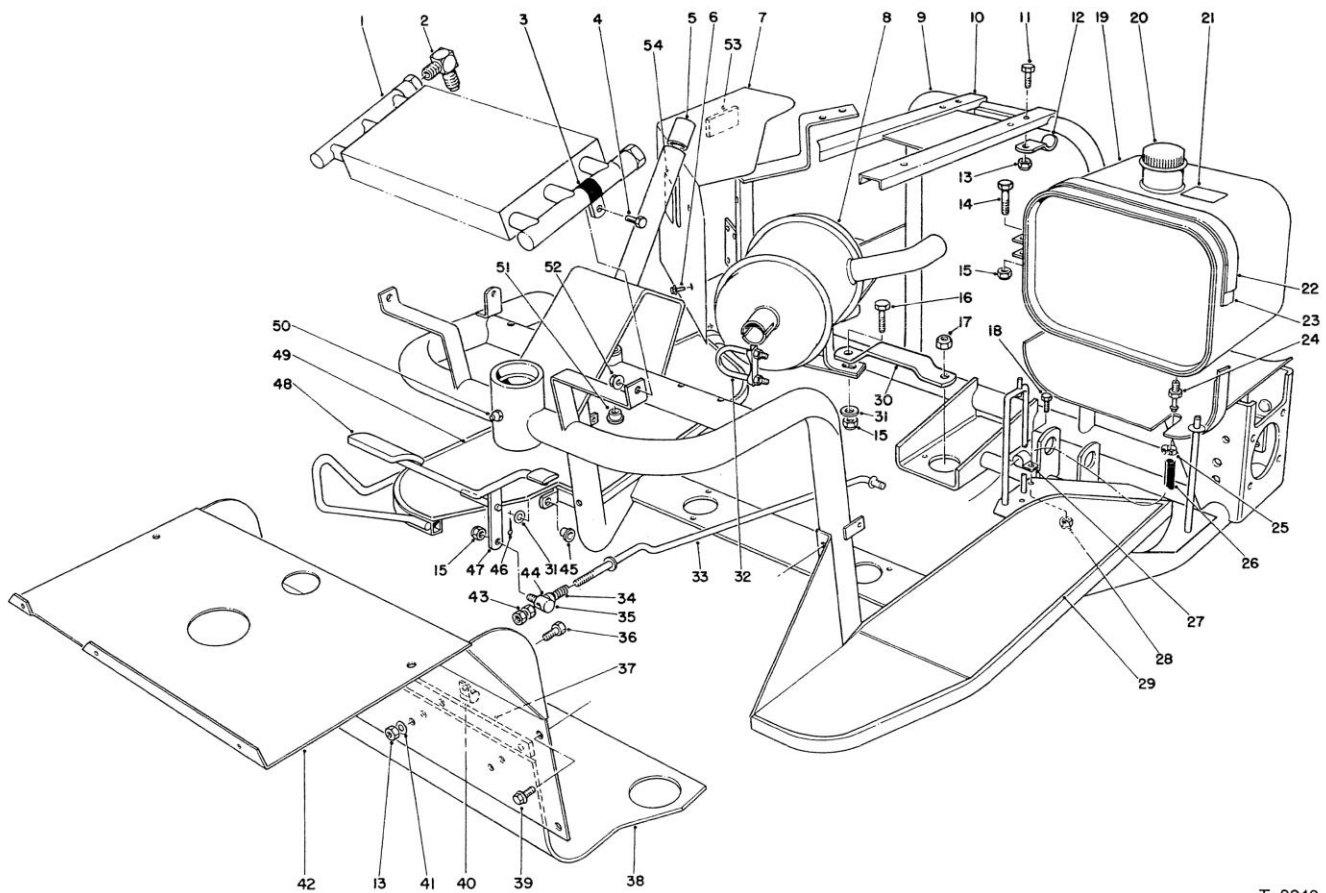
T-0243

FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	24-0760	Cooler - Oil	1
2	353-372	Fitting - 90°	2
3	2412-39	R-Clamp	2
4	323-6	Screw - Cap, Hex. Hd.	2
5	256-185	Bushing	1
6	32104-76	Screw - Self Tapping	2
7	49-9930	Shroud - Valve	1
8	51-0700	Muffler	1
*	51-0990	Spark Arrestor - Muffler	1
9	80-1500	Frame	1
		(Incl. Ref. #5, 45 & 51)	1
10	51-0760	Channel - Seat	1
11	322-3	Screw - Cap, Hex Hd.	2
12	10-9240	Clamp - Seat	2
13	3296-29	Nut - Lock	5
14	323-13	Screw - Cap, Hex Hd.	2
15	3296-44	Nut - Lock	4

Ref. No.	Part No.	Description	No. Used
16	323-7	Screw - Cap, Hex Hd.	1
17	3296-5	Nut - Lock	1
18	321-4	Screw - Cap, Hex Hd.	1
19	49-9790	Tank - Gas	1
		(Incl. Ref. #20)	1
20	222-8	Cap - Gas	1
21	53-4420	Decal - Gas	1
22	49-9650	Strap - Tank	2
23	49-9780	Strip - Felt	2
24	353-711	Fitting - Straight	1
25	2412-108	Clamp - Worm Drive	1
26	44-2670	Hose - Gas	1
27	2412-73	R-Clamp	1
28	3296-42	Nut - Lock	1
29	51-0580	Pad - Foot Rest, L.H.	1
30	49-9580	Bracket - Muffler	1
31	3256-24	Washer - Flat	2

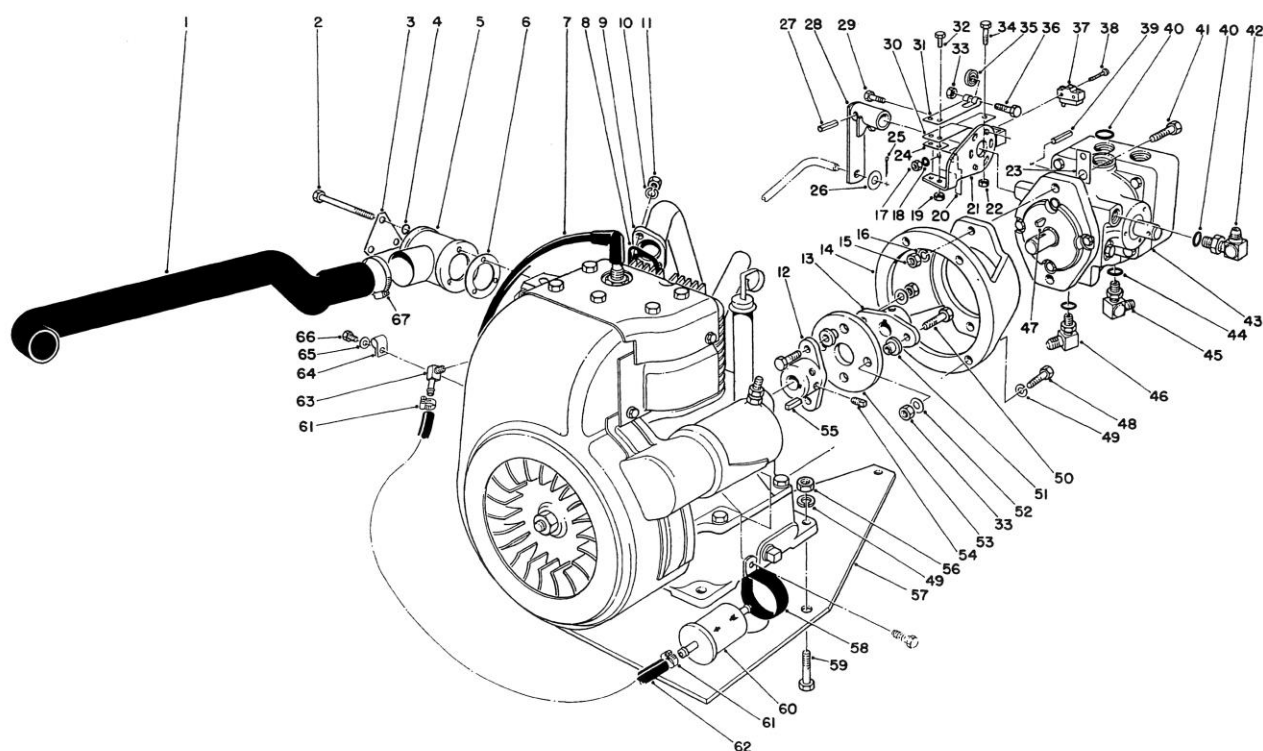
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T-0243

FRAME ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
32	2412-37	Assembly - Clamp, Muffler	1	44	37-4700	Spacer	1
33	49-9570	Rod - Pump	1	45	256-116	Bushing	2
34	46-9130	Spring - Compression	1	46	3272-4	Pin - Cotter	1
35	18-6650	Nut - Adjuster	1	47	85-6500	Pedal	1
36	322-5	Screw - Cap, Hex. Hd.	3	48	49-6470	Pad - Pedal, Forward	1
37	49-9980	Retainer - Shield, Rubber	1	49	51-0570	Pad - Foot Rest, R.H.	1
38	49-9590	Shield - Rubber	1	50	302-11	Fitting - Grease	1
39	46-8560	Screw - Flange, Hex. Hd.	6	51	256-155	Bushing	2
40	2412-41	Clamp	1	52	3290-357	Nut - Flange	2
41	3256-23	Washer - Flat	3	53	55-4450	Sponge - Self Adhesive	1
42	49-9760	Shield	1	54	80-1910	Decal - Lift	1
43	3218-4	Nut - Jam	2				

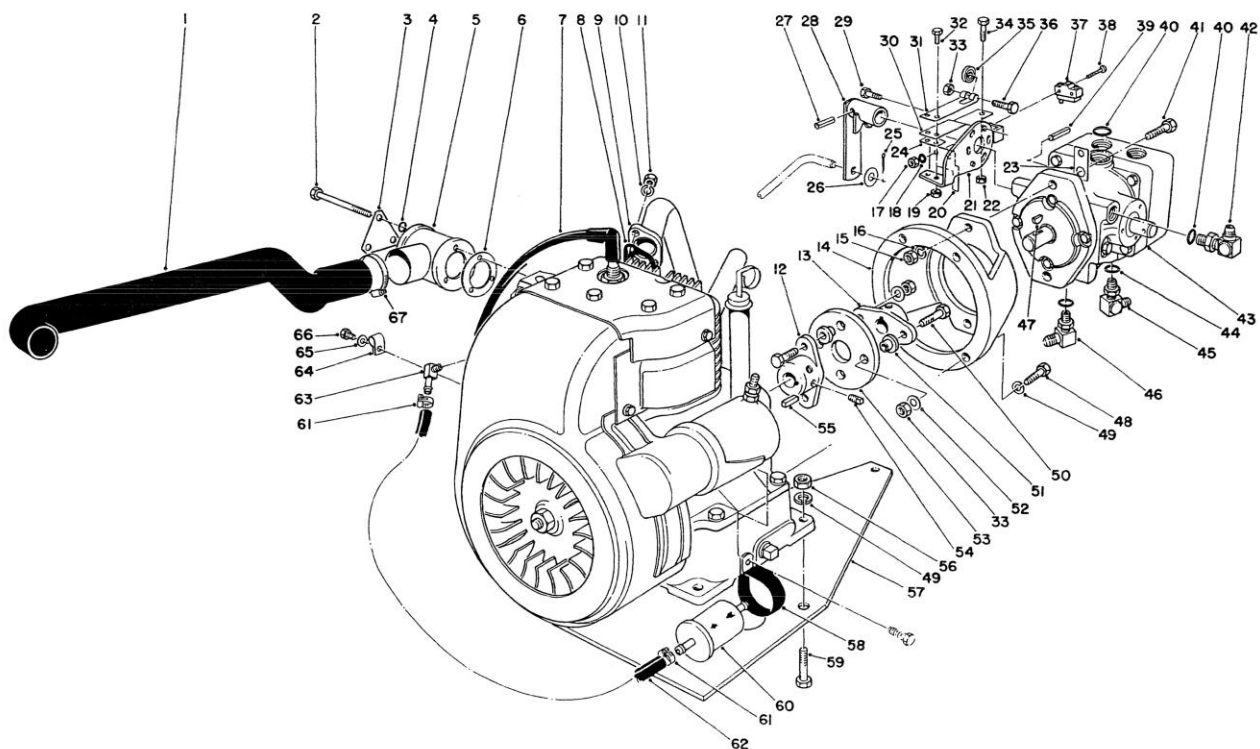


T-0244

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	49-9850	Hose - Air Intake	1	26	3256-25	Washer - Flat	1
2	55-4190	Screw - Mach. Hex Hd.	3	27	32121-24	Pin - Roll	1
3	51-1030	Tab - Lock	1	28	26-2810	Pump - Lever	1
4	237-137	O-Ring	3	29	46-8560	Screw - Self Tapping Hex. Head	3
5	51-1020	Assembly - Adaptor	1	30	29-6170	Assembly - Extended Leaf Spring	1
†6		Gasket - Air Intake	1	31	29-6150	Leaf - Spring	1
7	11-9949	Engine - Kohler (K-321S Type 60434)	1	32	321-4	Screw - Cap, Hex. Hd.	2
8	2210-118	Gasket - Exhaust	1	33	3296-29	Nut - Lock	5
9	49-9550	Pipe - Exhaust	1	34	3210-7	Screw - Cap, Hex. Hd.	1
10	3253-4	Washer - Lock	2	35	251-259	Bearing	1
11	3217-6	Nut - Hex	2	36	322-17	Screw - Cap, Hex. Hd.	1
12	27-1960	Coupling - Engine	1	37	29-6162	Switch - Micro	1
13	49-9600	Hub - Pump	1	38	3249-11	Screw - Mach. Rd. Hd.	2
14	37-8030	Mount - Pump	1	39	32121-16	Pin - Roll	1
15	3217-9	Nut - Hex	2	40	237-79	O-Ring	3
16	3253-7	Washer - Lock	2	41	325-7	Screw - Cap, Hex. Hd.	2
17	3217-16	Nut - Hex	2	42	353-370	Elbow - 90° Adj.	1
18	3254-9	Washer - Lock, Int. Tooth	2	43	53-9360	Pump	1
19	3296-42	Nut - Lock	2	44	237-42	O-Ring	2
20	46-8810	Stop - Leaf Spring	1	45	353-374	Elbow - 90° Adj.	1
21	29-6120	Plate - Pump	1	46	353-511	Elbow - 90° Adj.	1
22	3219-2	Nut - Hex	1	47	3257-32	Key - Woodruff	1
23	26-2950	Stand Off - Wire	1	48	323-6	Screw - Cap, Hex. Hd.	4
24	51-3150	Shim - Spring Arm	1	49	3253-5	Washer - Lock	6
25	3272-16	Pin - Cotter	1				

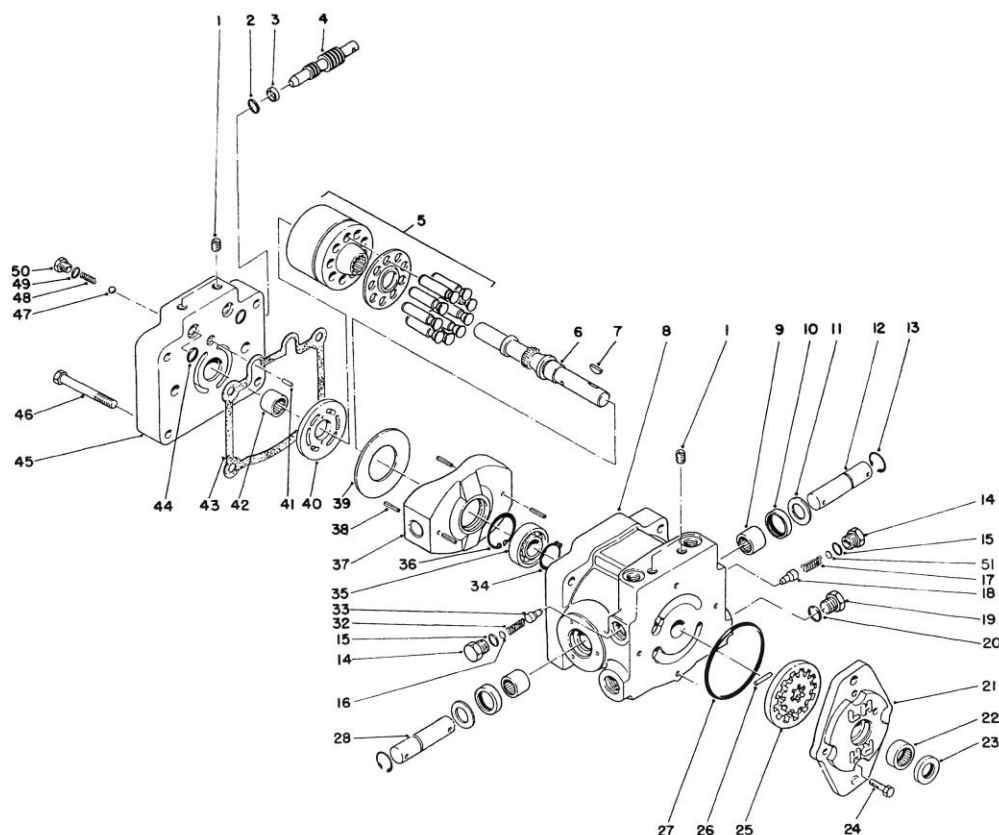
†Obtain from your local Kohler Dealer



T-0244

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
50	322-16	Screw - Cap, Hex. Hd.	4	59	323-8	Screw - Cap, Hex. Hd.	2
51	27-6600	Spacer - Coupling, Rubber	4	60	18-1520	Assembly - Filter, Gas	1
52	3256-23	Washer - Flat	4	61	2412-108	Clamp - Hose	3
53	44-2230	Coupling - Rubber	1	62	51-0670	Hose - Fuel Line	1
54	3241-5	Screw - Set, Sq. Hd.	4	63	46-3710	Fitting	1
55	10-7070	Key - Square	1	64	2412-31	Clip - Wire, Throttle	1
56	3217-7	Nut - Hex	2	65	3256-22	Washer - Flat	1
57	49-9500	Base - Engine	1	66	32104-42	Screw - Hex Hd. Self Tap.	1
58	2412-44	R-Clamp	1	67	2412-92	Clamp - Hose	1

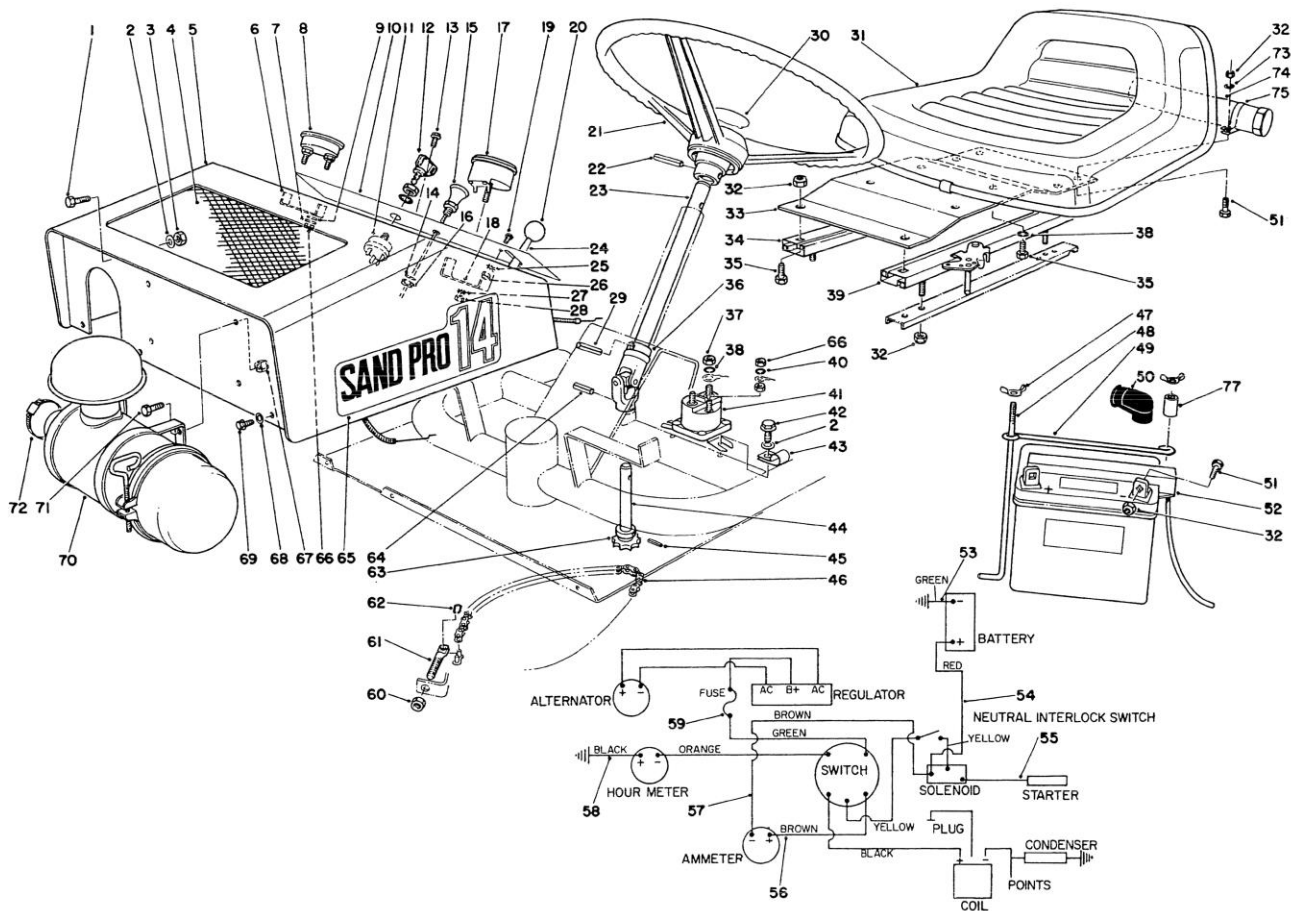


T-0245

PUMP ASSEMBLY NO. 53-9360

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	285-17	Plug - Pipe	4	32	25-2480	Spring - Relief, Charge	1
2	237-22	O-Ring	1	33	25-2560	Cone - Valve, Relief	1
3	25-2630	Ring	1	34	32120-15	Ring - Retaining	1
4	25-2620	Valve - By-Pass	1	35	251-8	Bearing - Ball	1
5	48-1800	Kit - Cylinder Block	1	36	32120-11	Ring - Retaining	1
6	36-5370	Shaft - Pump	1	37	25-2450	Plate - Swash	1
7	3257-32	Key - Woodruff	1	38	32121-91	Pin - Spring, Coiled	3
8	53-9360	Kit - Housing (Incl. Ref. #1, 8-10)	1	39	25-2380	Plate - Thrust	1
9	252-82	Bearing - Needle	2	40	25-2390	Plate - Valve	1
10	25-3210	Seal - Lip	2	41	25-2430	Pin - Straight, Headless	1
11	25-2510	Washer	2	42	25-3300	Bearing - Needle	1
12	25-2580	Shaft - Trunion	1	43	25-2400	Gasket	1
13	32151-46	Ring - Retaining	2	44	237-30	O-Ring	2
14	25-2460	Plug	2	45		Cap - End, Pump	1
15	237-86	O-Ring	2	46	323-11	Screw - Cap, Hex Hd.	4
16	25-2470	Kit - Shim Pack	2	47	25-2490	Valve - Check, Ball	2
17	25-2570	Spring - Valve, Relief	1	48	25-2640	Spring - Valve, Check	2
18	25-2560	Cone - Valve, Relief	1	49	237-86	O-Ring	2
19	49-8490	Plug - Standard Thread	1	50	25-2650	Plug - Valve, Check	2
20		O-Ring	1	51	49-8470	Kit - Shim-Pack	2
21	25-2690	Housing - Pump, Charge	1	*	25-3180	Kit - Valve, Check (Incl. Ref. #47-50)	1
22	252-87	Bearing - Needle	1	*	49-8510	Kit - Valve, Charge Relief (Incl. Ref. #14-16 & 32-33)	1
23	253-44	Seal - Lip	1	*	49-8520	Kit - Implement Relief (Incl. Ref. #14-18)	1
24	322-4	Screw - Cap, Hex. Hd.	4	*	25-3220	Kit - Pump, Charge (Incl. Ref. #21-27)	1
25	25-2680	Assembly - Gerator	1				
26	25-2530	Pin - Straight, Headless	1				
27	237-95	O-Ring	1				
28	49-8480	Shaft - Trunion	1				

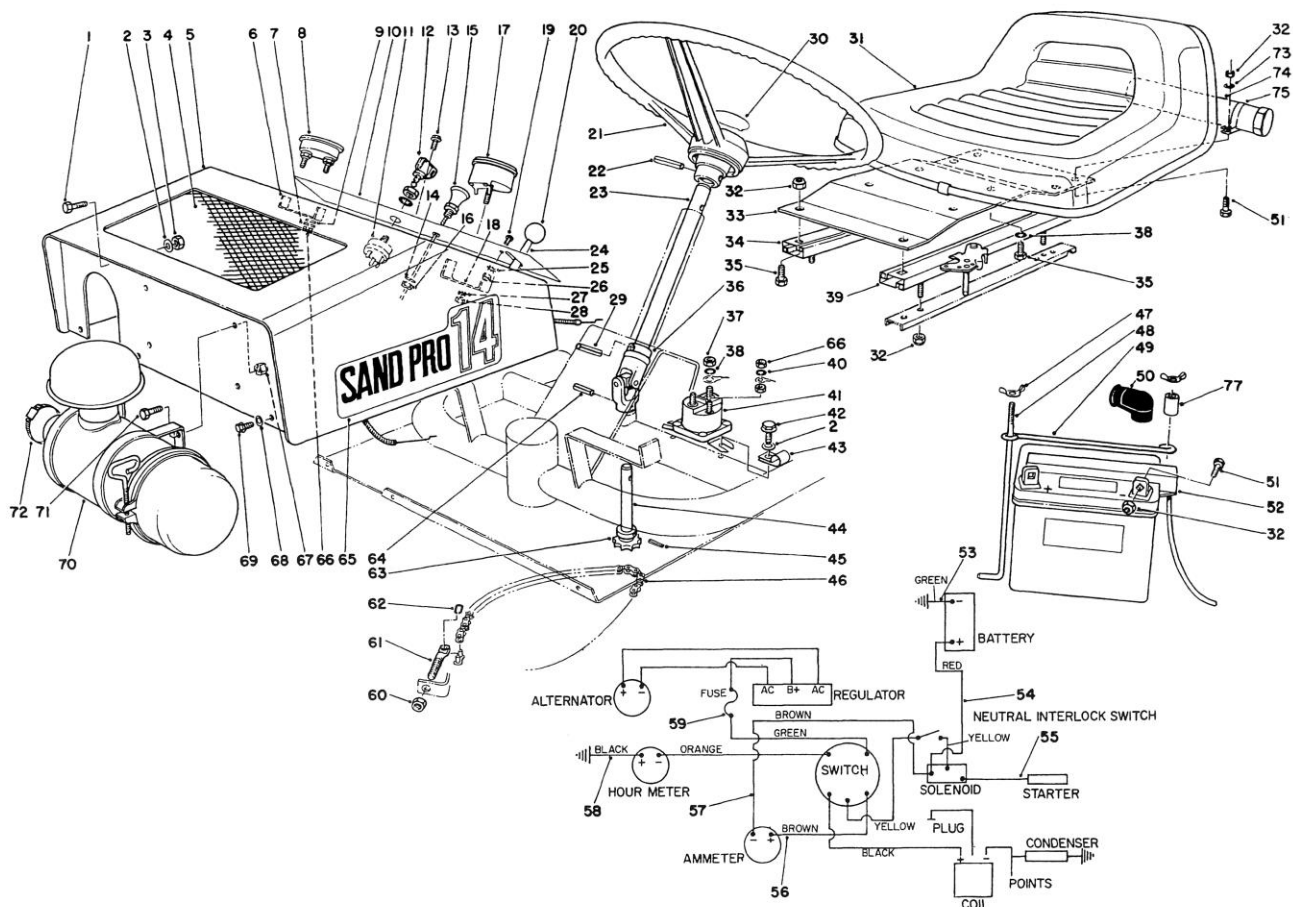
*Not Illustrated



T-0247B

INSTRUMENT PANEL ASSEMBLY AND WIRING DIAGRAM

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	321-3	Screw - Cap, Hex. Hd.	4	24	51-0680	Control - Throttle	1
2	3256-22	Washer - Flat	6	25	3255-17	Washer - Lock	2
3	3296-16	Nut - Lock	4	26	3296-12	Nut - Lock	2
4	49-9730	Screen - Panel, Dash	1	27	3254-1	Washer - Lock, Ext. Tooth	1
5	49-9620	Dash	1	28	3217-26	Nut - Hex	1
6	39-9600	Clamp - Mounting	1	29	32121-84	Pin - Roll, Slotted	1
7	3254-1	Washer - Lock	2	30	24-2090	Cap - Wheel, Steering	1
8	33-0990	Ammeter (Incl. Ref. #6-7, 9 & 66)	1	31	27-5170	Seat	1
9	3256-21	Washer - Flat	2	32	3296-29	Nut - Lock	10
10	51-0730	Decal - Dash	1	33	72-9520	Plate - Seat	1
11	12-8140	Switch (Incl. Ref. #12)	1	34	51-0780	Slider - Seat	1
12	218-412	Key	2	35	322-2	Screw - Cap, Hex. Hd.	8
13	32144-11	Screw - Self Tapping	2	36	25-8160	U-Joint	1
14	3254-6	Washer - Lock	1	37	3218-13	Nut - Hex	4
15	19-2090	Control - Choke (Incl. Ref. #14 & 16)	1	38	3253-4	Washer - Lock	6
16	3219-3	Nut - Hex	1	39	51-0790	Adjuster - Seat	1
17	12-9990	Hour Meter	1	40	3253-17	Washer - Lock	1
18	218-515	Bracket - Mounting	1	41	6-1600	Solenoid	1
19	3251-2	Screw - Mach. Rd. Hd.	2	42	32104-42	Screw - Self Tapping	2
20	233-25	Knob	1	43	2412-73	Clamp	1
21	25-6260	Wheel - Steering	1	44	18-6340	Shaft - Steering	1
22	32121-10	Pin - Roll, Slotted	1	45	32121-16	Pin - Roll, Slotted	1
23	25-8140	Shaft - Steering	1	46	18-6370	Chain	1
				47	32103-12	Wing - Nut	2
				48	12-5950	Bolt - Battery	2
				49	84-8100	Battery Clamp	1



T-0247B

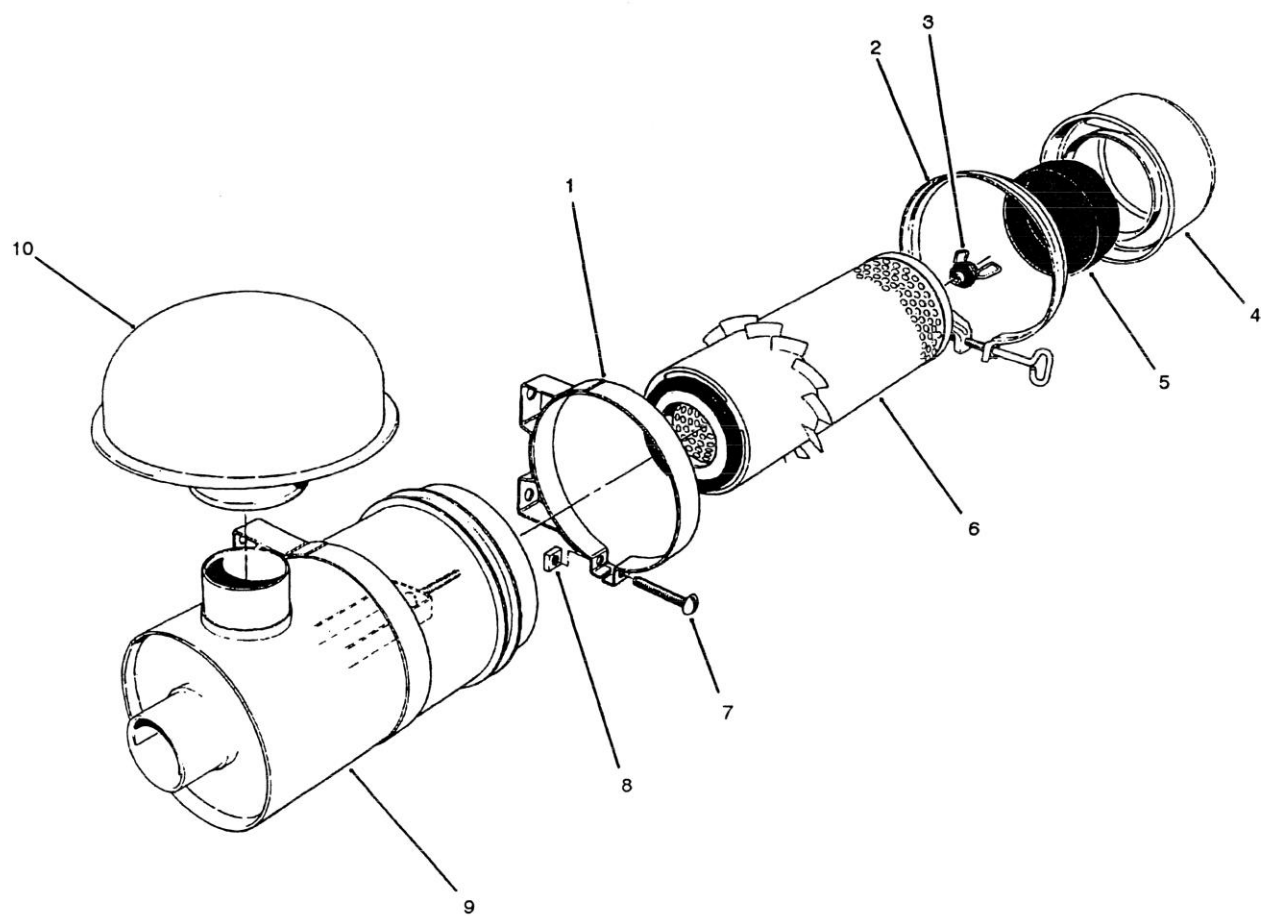
INSTRUMENT PANEL & WIRING DIAGRAM (Continued)

Ref. No.	Part No.	Description	No. Used
50	218-331	Boot - Battery	1
51	322-3	Screw - Cap Hex. Hd.	4
52	82-4640	Battery - 12 Volt	1
53	52-1460	Wire (Battery to Ground)	1
54	84-7870	Wire (Solenoid to Battery)	1
55	18-6560	Wire (Solenoid to Starter)	1
56	51-0710	Wire Harness	1
57	18-7830	Wire	1
		(Solenoid - neg. ammeter)	1
58	18-6580	Wire (Hour Meter Ground)	1
†59		Fuse 30 AMP.	1
60	3296-4	Nut - Lock	2
61	18-6380	Pin - Steering, Adjustment	2
62	2710-31	Chain - Link, Connecting	2
63	17-2490	Sprocket	1

Ref. No.	Part No.	Description	No. Used
64	32121-6	Pin - Roll, Slotted	1
65	51-0720	Decal - Sand Pro 14	2
66	3219-14	Nut - Hex	10
67	32128-20	Nut - Lock	4
68	3256-14	Washer - Flat	3
69	32104-76	Screw - Self Tapping	3
70	11-4659	Assembly - Cleaner, Air	1
71	322-1	Screw - Cap ,Hex. Hd.	4
72	2412-92	Clamp - Hose	1
73	3256-23	Washer - Flat	2
74	74-0720	Tube - Manual	1
75	2412-133	R-Clamp	2
77	80-2030	Spacer	1
*	3290-378	Cable Tie	3

*Not Illustrated

†Obtain Locally

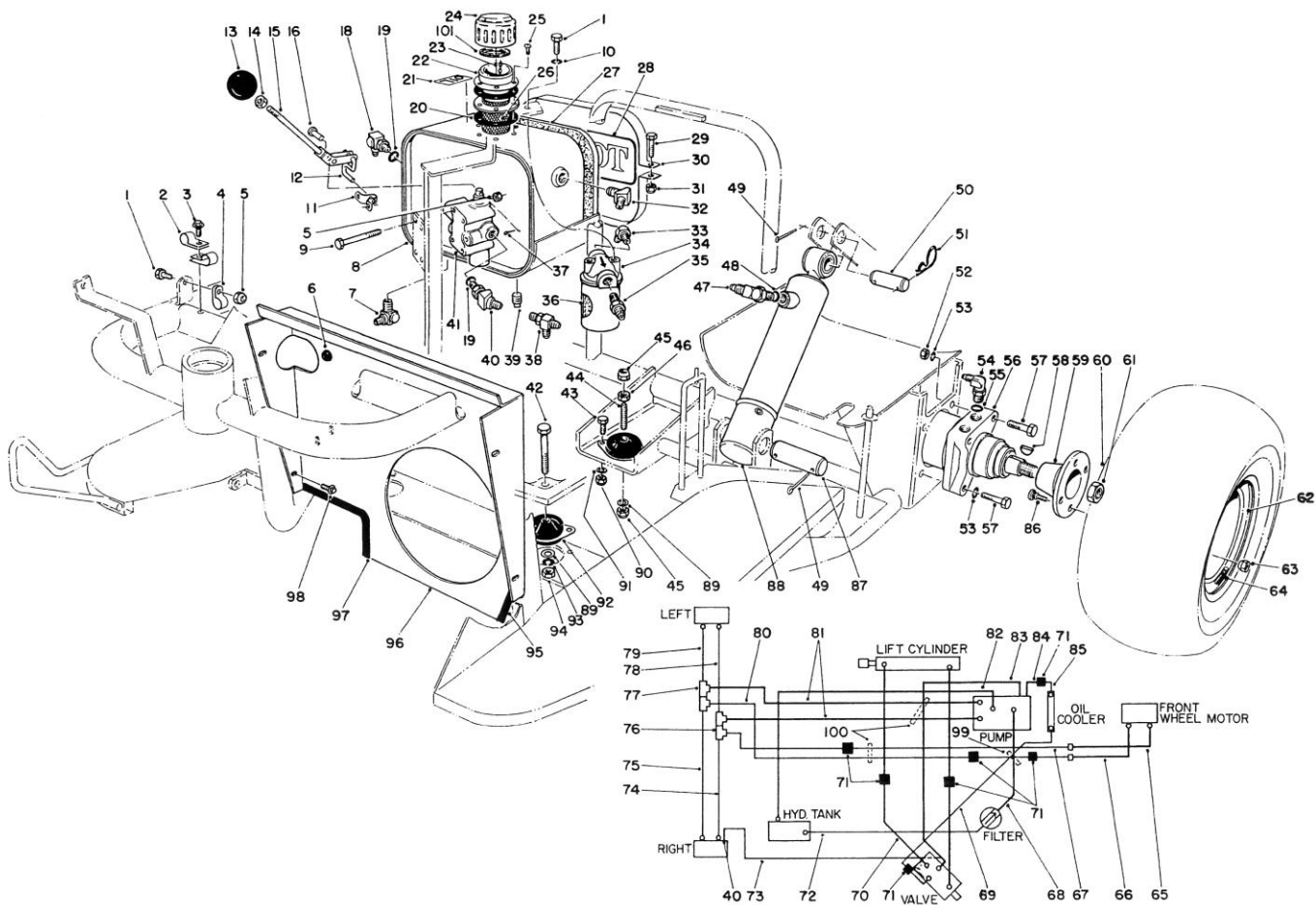


T-0248

AIR CLEANER ASSEMBLY NO. 11-4659

Ref. No.	Part No.	Description	No. Used
1	33-1350	Assembly - Band, Mounting	2
2	33-1340	Assembly - Clamp	1
3	33-1330	Assembly - Nut	1
4	33-1320	Assembly - Cup	1
5	33-1310	Baffle	1

Ref. No.	Part No.	Description	No. Used
6	33-1300	Assembly - Element	
7	3258-19	Screw - Mach. Rd. Hd.	
8	32107-11	Nut - Square	
9		Assembly - Body	1
10	46-7510	Hood - Inlet, Air	1

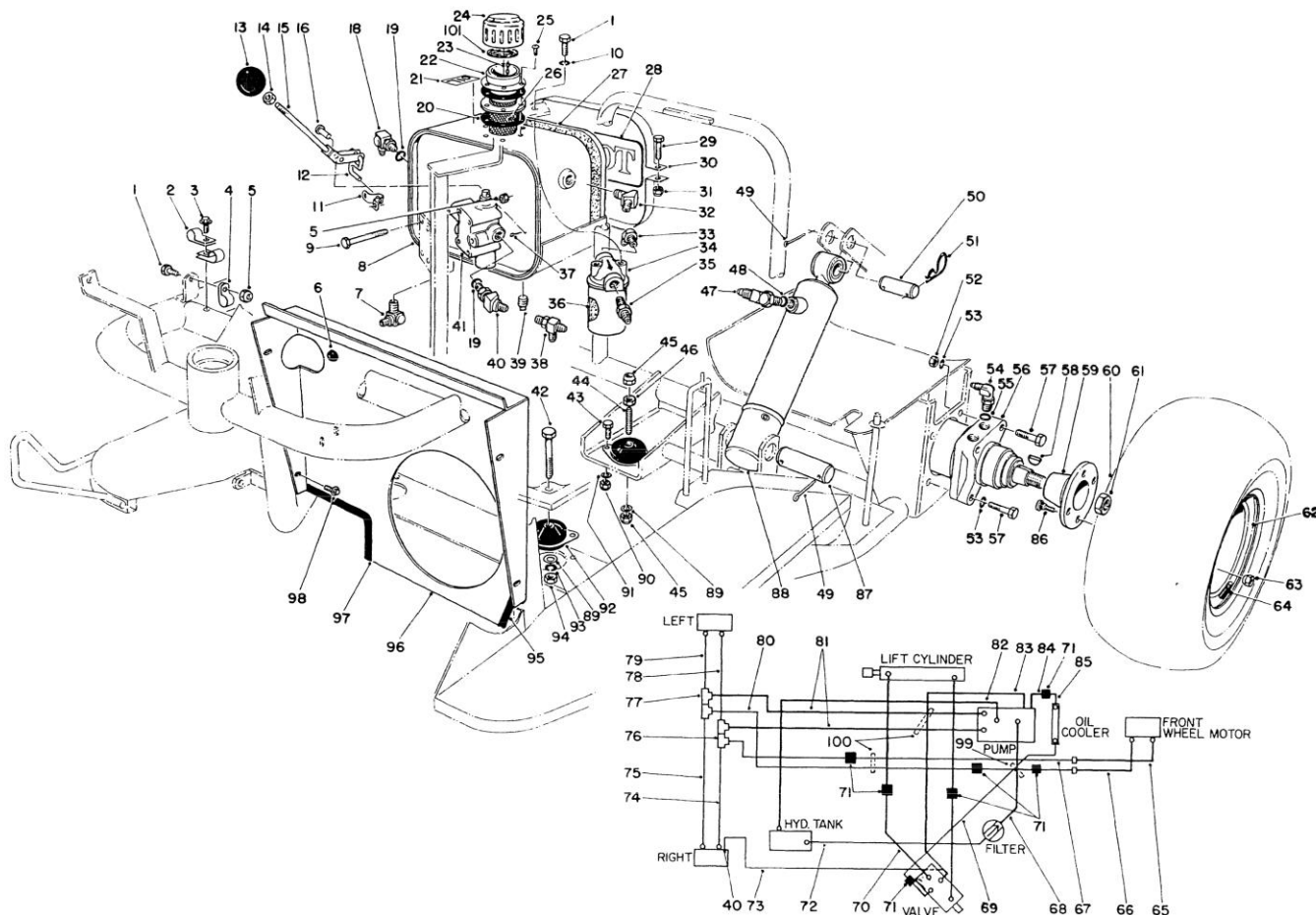


T-0249

HYDRAULIC TANK AND SYSTEMS DIAGRAM

Ref. No.	Part No.	Description	No. Used
1	321-4	Screw - Cap, Hex. Hd.	4
2	2412-70	Clamp	2
3	32144-11	Screw - Self Tap. Hex. Hd.	1
4	2412-73	R-Clamp	1
5	3296-42	Nut - Lock	6
6	237-88	Grommet	1
7	353-533	Fitting - 90°	1
8	51-0690	Tank - Hydraulic	1
9	321-14	Screw - Cap, Hex. Hd.	4
10	3253-3	Washer - Lock	2
11	22-4600	Bracket - Pivot	1
12	36-4630	S-Link	1
13	233-33	Knob	1
14	3218-2	Nut - Jam	1
15	22-4560	Rod - Control	1
16	283-17	Pin - Clevis	1
18	353-511	Fitting - 90°	1
19	237-42	O-Ring	2
20	353-963	Gasket	2
21	53-4430	Decal - Oil	1
22	353-961	Adapter - Flange	1
23	353-962	Spring & Chain Assembly	1
24	62-2570	Cap - Breather (Incl. Ref. #23)	1
25	32104-111	Screw - Pan Hd.	6
26	62-2610	Assembly - Screen	1
27	49-9780	Strip - Felt	1

Ref. No.	Part No.	Description	No. Used
28	62-7400	Decal - Toro	1
29	323-12	Screw - Cap, Hex. Hd.	1
30	49-9650	Strap - Tank	1
31	3296-44	Nut - Lock	1
32	353-510	Fitting - 45°	1
33	353-535	Fitting - 45°	1
34	43-8590	Assembly - Head, Filter	1
35	353-506	Fitting - Adapter, Male	1
36	23-9740	Filter - Oil	1
37	3272-4	Pin - Cotter	1
38	353-877	Fitting - Swivel	1
39	281-3	Plug	1
40	353-212	Fitting - 45°	2
41	43-1950	Valve - Control, Hydraulic	1
42	323-12	Screw - Cap, Hex. Hd.	2
43	3290-134	Screw - Mach. Hex. Hd.	6
44	44-1790	Stud - Adjustment	1
45	3296-5	Nut - Lock	2
46	3219-3	Nut - Hex	1
47	353-431	Fitting - 45°	2
48	237-78	O-Ring	2
49	3272-23	Pin - Cotter	3
50	18-7310	Pin - Rake	1
51	3290-256	Pin - Hair, Cotter	1
52	3217-9	Nut - Hex	4
53	3253-7	Washer - Lock	8
54	353-426	Fitting 90°	4



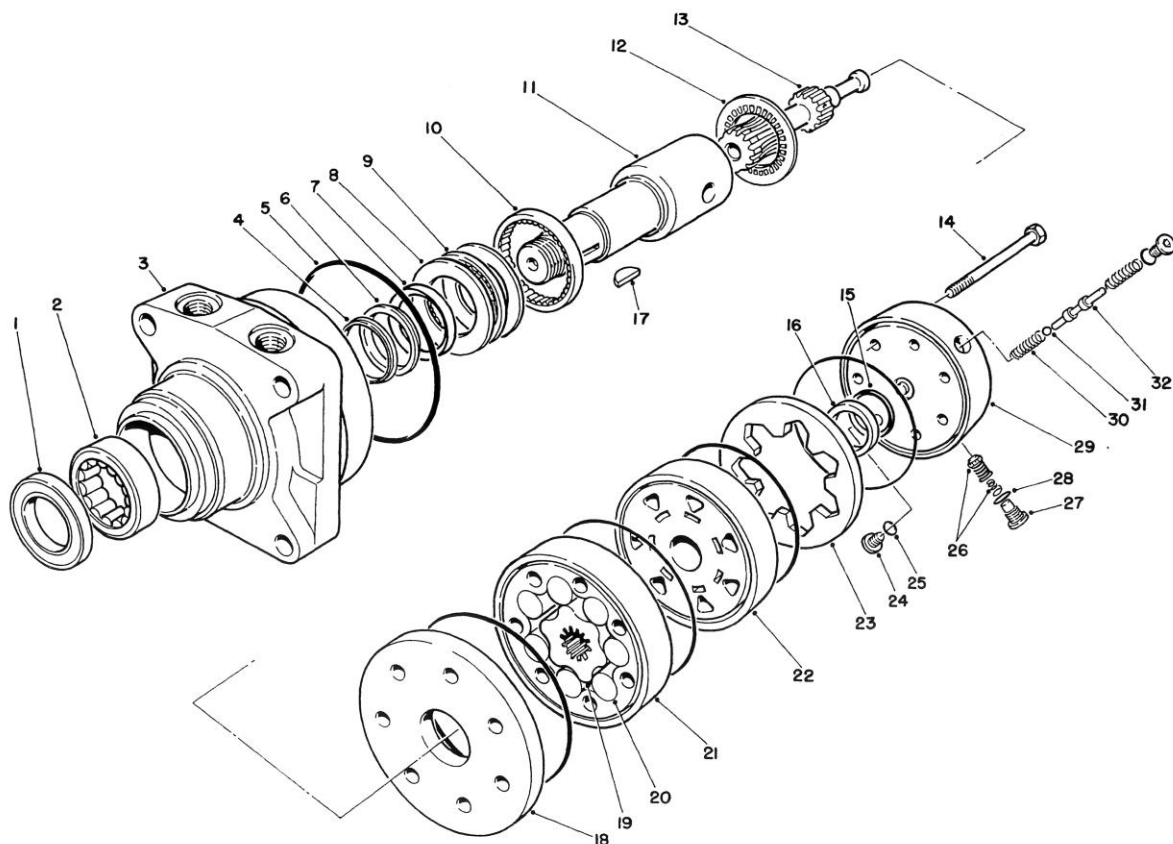
T-0249

HYDRAULIC TANK AND SYSTEMS DIAGRAM (Continued)

Ref. No.	Part No.	Description	No. Used
55	237-80	O-Ring	4
56	75-9831	Motor - Wheel, Left Rear	1
*	75-9840	Motor - Wheel, Right Rear	1
57	325-10	Screw - Cap, Hex. Hd.	8
58	3257-42	Key - Woodruff	2
59	17-4710	Hub - Wheel	2
60	28-1070	Tire	2
61	26-3790	Nut - Lock	2
62	46-4810	Rim	2
63	242-50	Nut - Wheel	8
64	232-35	Stem - Valve	2
65	51-0600	Hose (Front Motor)	1
66	51-0610	Hose (Front Motor)	1
67	51-0660	Tube (Front Motor L.H.)	1
68	53-9470	Hose (Filter to Pump)	1
69	51-0650	Tube (Valve to Cooler)	1
70	22-4670	Hose (Valve to Cylinder)	2
71	38-3400	Guard - Rubber	7
72	51-0770	Tube (Filter to Tank)	1
73	51-0620	Tube - Shuttle Valve	1
74	18-6700	Tube - Front (R.H. Rear Motor)	1
75	18-6730	Tube - Rear (R.H. Rear Motor)	1
76	353-424	"T" Fitting	2
77	353A25	"T" Fitting	2
78	18-6710	Tube - Front	

Ref. No.	Part No.	Description	No. Used
79	18-6720	(L.H. Rear Motor) Tube - Rear	1
80	51-0640	(L.H. Rear Motor) Tube (Front Motor R.H.)	1
81	21-5370	Hose (Pump to "T")	2
82	21-5360	Hose (Pump to Reservoir)	1
83	51-0590	Hose (Pump to Valve)	1
84	49-9970	Hose (Pump to Cooler)	1
85	51-0630	Tube (Cooler to Pump)	1
86	10-6830	Stud - Wheel	8
87	18-7160	Pin	1
88	68-9700	Cylinder - Hydraulic	1
89	3256-24	Washer - Flat	3
90	3296-12	Nut - Lock	6
91	3256-14	Washer - Flat	6
92	18-8000	Mount - Rubber	3
93	3253-21	Washer - Lock	2
94	3217-7	Nut - Hex	2
95	51-3160	Trim - Jiffy	1
96	49-9770	Shield - Blower	1
97	51-3161	Trim - Jiffy	1
98	46-8560	Screw - Self Tapping	4
99	3290-378	Tie - Cable	1
100	3290-379	Tie - Cable	2
101	76-1720	Gasket - Cap, Filler	1
*	232-37	Tube - Inner, Tire	2

*Not Illustrated



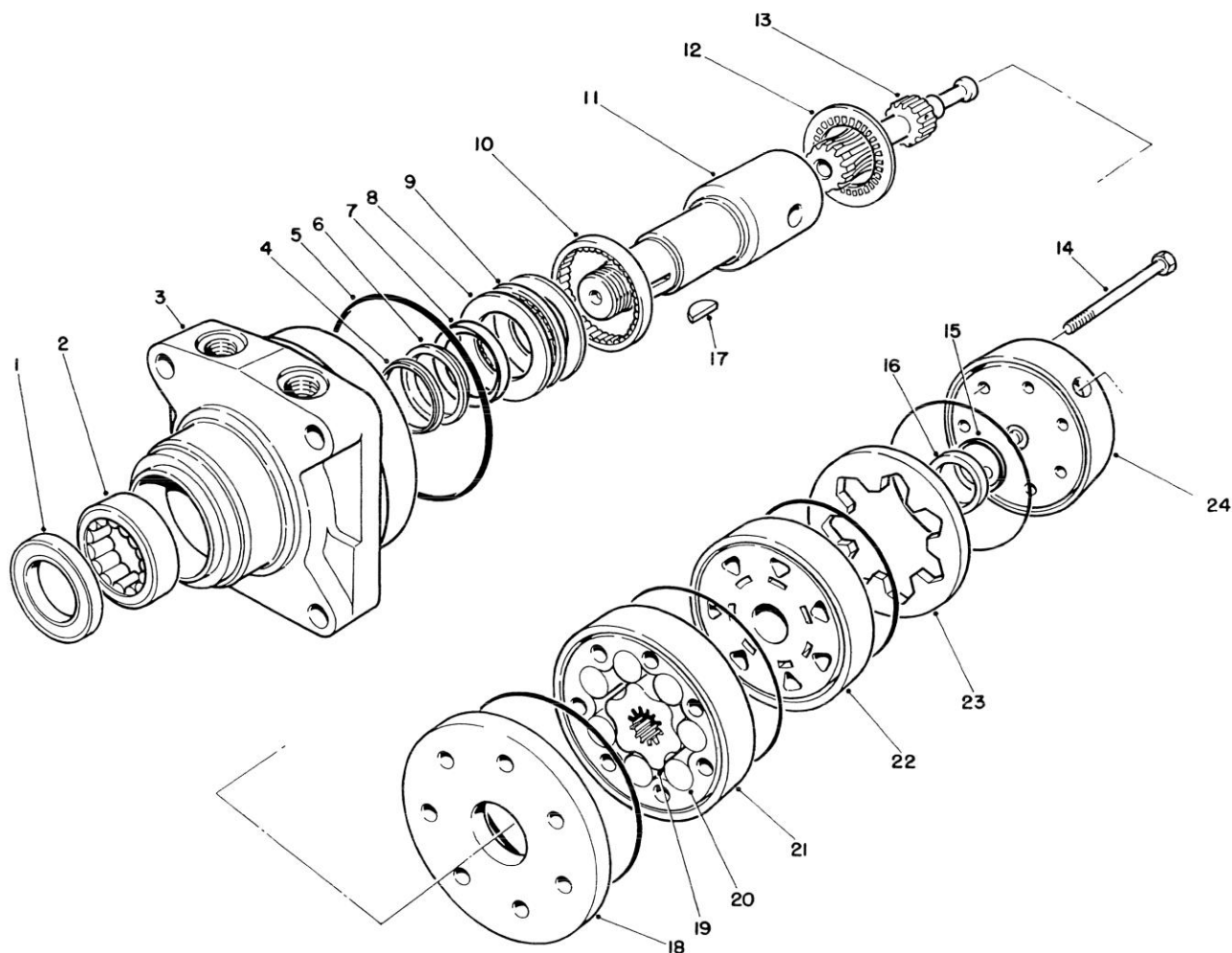
T-0982

HYDRAULIC DRIVE MOTOR RIGHT REAR NO. 75-9840

Ref. No.	Part No.	Description	No. Used
1		Seal - Dirt & Water	1
2		Bearing	1
3		Housing	1
4		Washer - Backup	1
5		Seal - Rings	5
6		Washer - Backup	1
7		Seal - Inner	1
8		Washer - Thrust	2
9		Bearing - Thrust	1
10		Bearing	1
11	76-0860	Shaft - Coupling	1
12	76-0850	Bearing - Thrust	1
13	76-0820	Link - Drive	1
14	76-1040	Screw - Cap, Hex. Hd.	7
15		Seal - Commutator	1
16		Commutator	1
17	3257-42	Key - Woodruff	1
18	76-0870	Plate - Wear	1
19		Rotor	1
20		Vane	7
21		Stator	1

Ref. No.	Part No.	Description	No. Used
22	76-0840	Manifold	1
23		Ring - Commutator	1
24		Plug	2
25		O-Ring	2
26		Valve - Relief	1
27		Plug	1
28		O-Ring	1
29	76-0890	Assembly (Incl. Ref. #24-25 & 30-32)	1
30		Spring	2
31		Ball	1
32		Valve - Shuttle	1
*	76-0830	Rotor Set (Incl. Ref. #19-21)	1
*	76-0880	Assembly - Commutator (Incl. Ref. #15, 16 & 23)	1
*	76-0800	Kit - Seal (Incl. Ref. #1, 4-7 & 15)	1
*	76-0810	Assembly - Housing (Incl. Ref. #2, 3 & 8-10)	1

*Not Illustrated



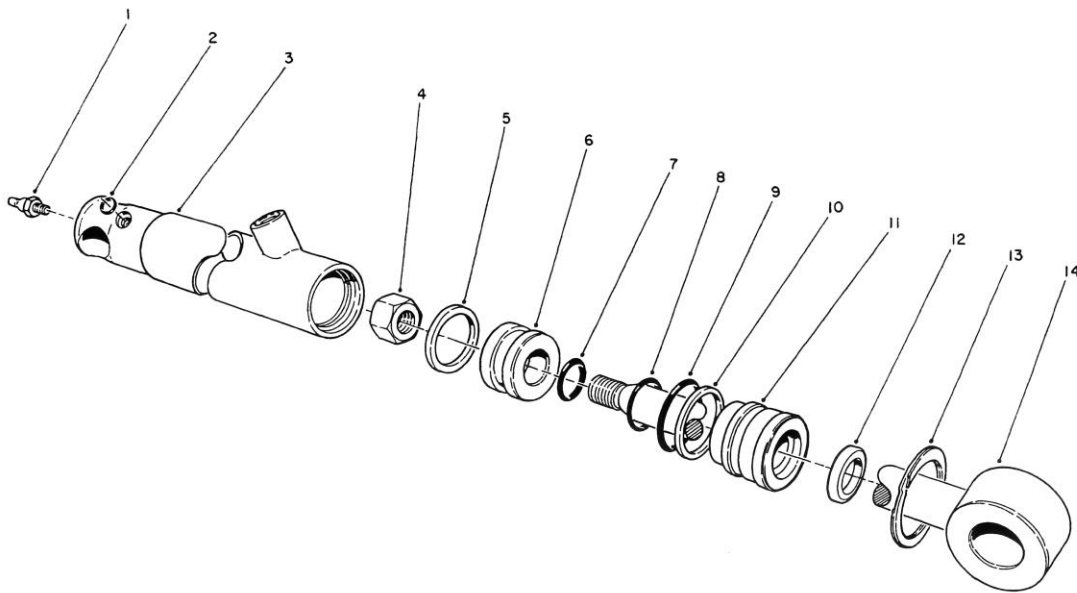
T-0983

HYDRAULIC DRIVE MOTOR LEFT REAR NO. 75-9831

Ref. No.	Part No.	Description	No. Used
1		Seal - Dirt & Water	1
2		Bearing	1
3		Housing	1
4		Washer - Backup	1
5		Seal - Rings	5
6		Washer - Backup	1
7		Seal - Inner	1
8		Washer - Thrust	2
9		Bearing - Thrust	1
10		Bearing	1
11	76-0860	Shaft - Coupling	1
12	76-0850	Bearing - Thrust	1
13	76-0820	Link - Drive	7
14	76-1020	Screw - Cap, Hex. Hd.	1
15		Seal - Commutator	1
16		Commutator	1

Ref. No.	Part No.	Description	No. Used
17	3257-42	Key - Woodruff	1
18	76-0870	Plate - Wear	1
19		Rotor	1
20		Vane	7
21		Stator	1
22	76-0840	Manifold	1
23		Ring - Commutator	1
24	76-0940	Assembly - Cover, End	1
	76-0830	Rotor Set (Incl. Ref. #19-21)	1
*	76-0880	Assembly - Commutator (Incl. Ref. #15, 16 & 23)	1
*	76-0800	Kit - Seal (Incl. Ref. #1, 4-7 & 15)	1
*	76-0810	Assembly - Housing (Incl. Ref. #2, 3 & 8-10)	1

*Not Illustrated

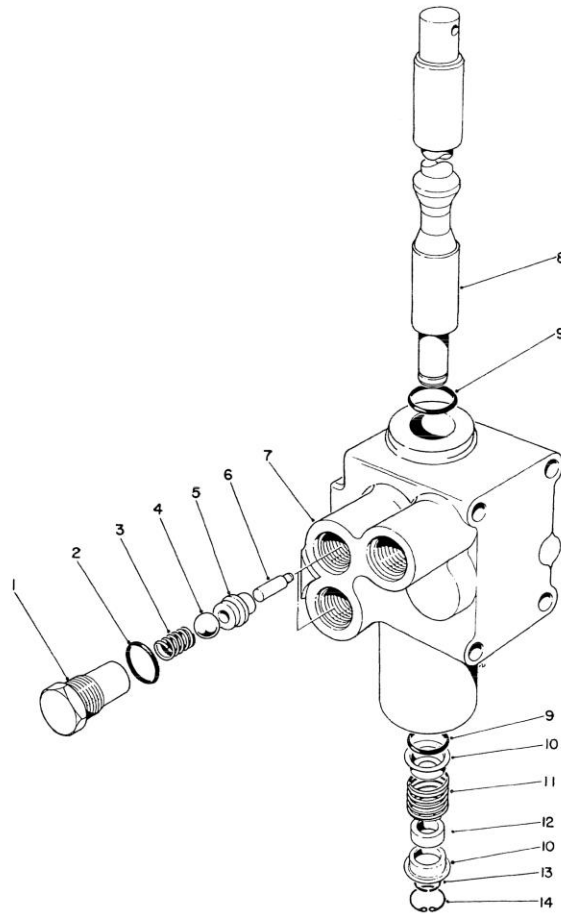


T-0217

HYDRAULIC CYLINDER NO. 68-9700

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	302-2	Fitting - Grease	1	10		Back-Up	1
2	237-78	O-Ring	2	11	70-2770	Head	1
3	43-5260	Barrel - w/Clevis & Ports	1	12		Seal - Dust	1
4	32152-10	Nut	1	13	43-5220	Ring - Retaining	1
5		Uniring	1	14	43-5230	Shaft with Clevis	1
6	70-2780	Piston	1	*	70-2790	Kit - Repair, Seal (Incl. Ref. #5, 7, 8, 9-10 & 12)	1
7		O-Ring	1				
8		Poly-Pack	1				
9		O-Ring	1				

*Not Illustrated

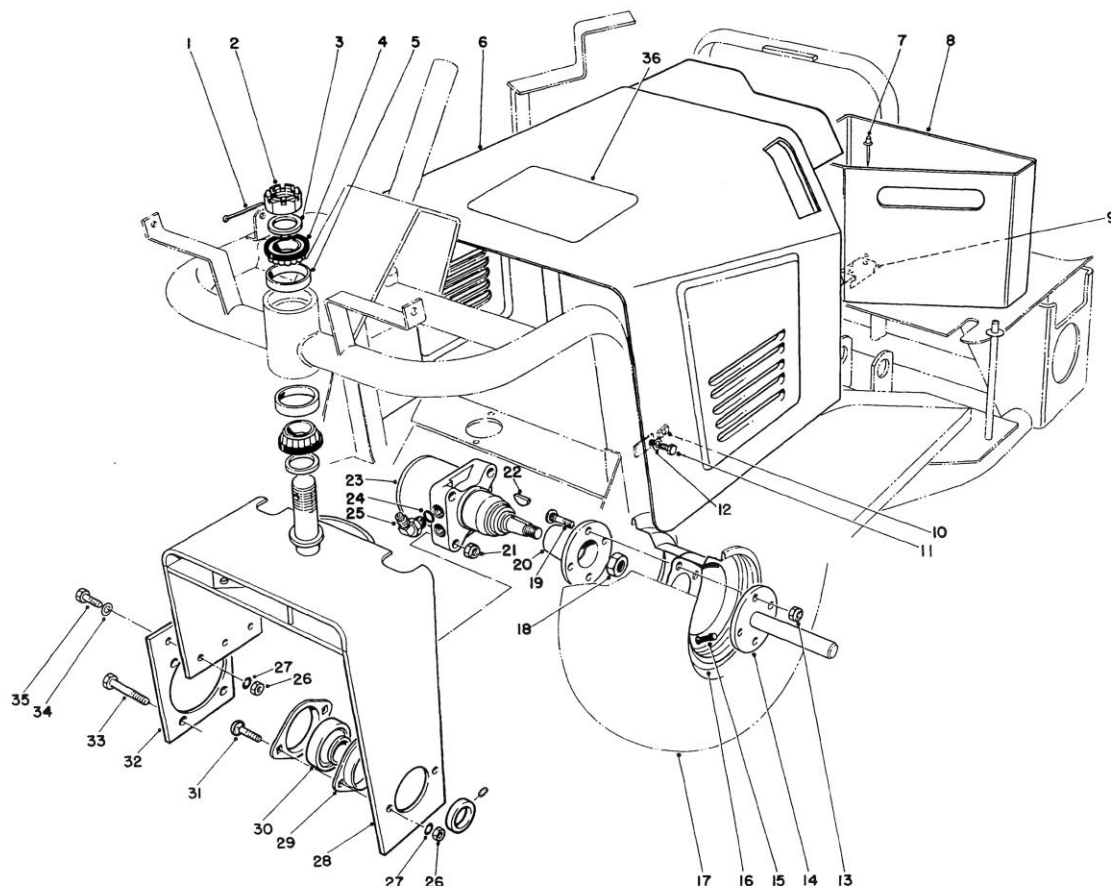


T-0236

CONTROL VALVE NO. 43-1950

Ref. No.	Part No.	Description	No. Used
1	22-8330	Plug	2
2	237-42	O-Ring	2
3	22-8340	Spring	2
4	22-8350	Ball	2
5	22-8370	Seat-Check Valve	2
6	22-8360	Pin - Cam	2
7	43-1730	Body	1

Ref. No.	Part No.	Description	No. Used
8	22-8420	Spool	1
9	22-8500	O-Ring	2
10	22-8380	Retainer - Spring	2
11	22-8410	Spring	1
12	23-3030	Spacer	1
13	22-8480	Ring - Retaining, Spool	1
14	22-8490	Ring - Retaining	1

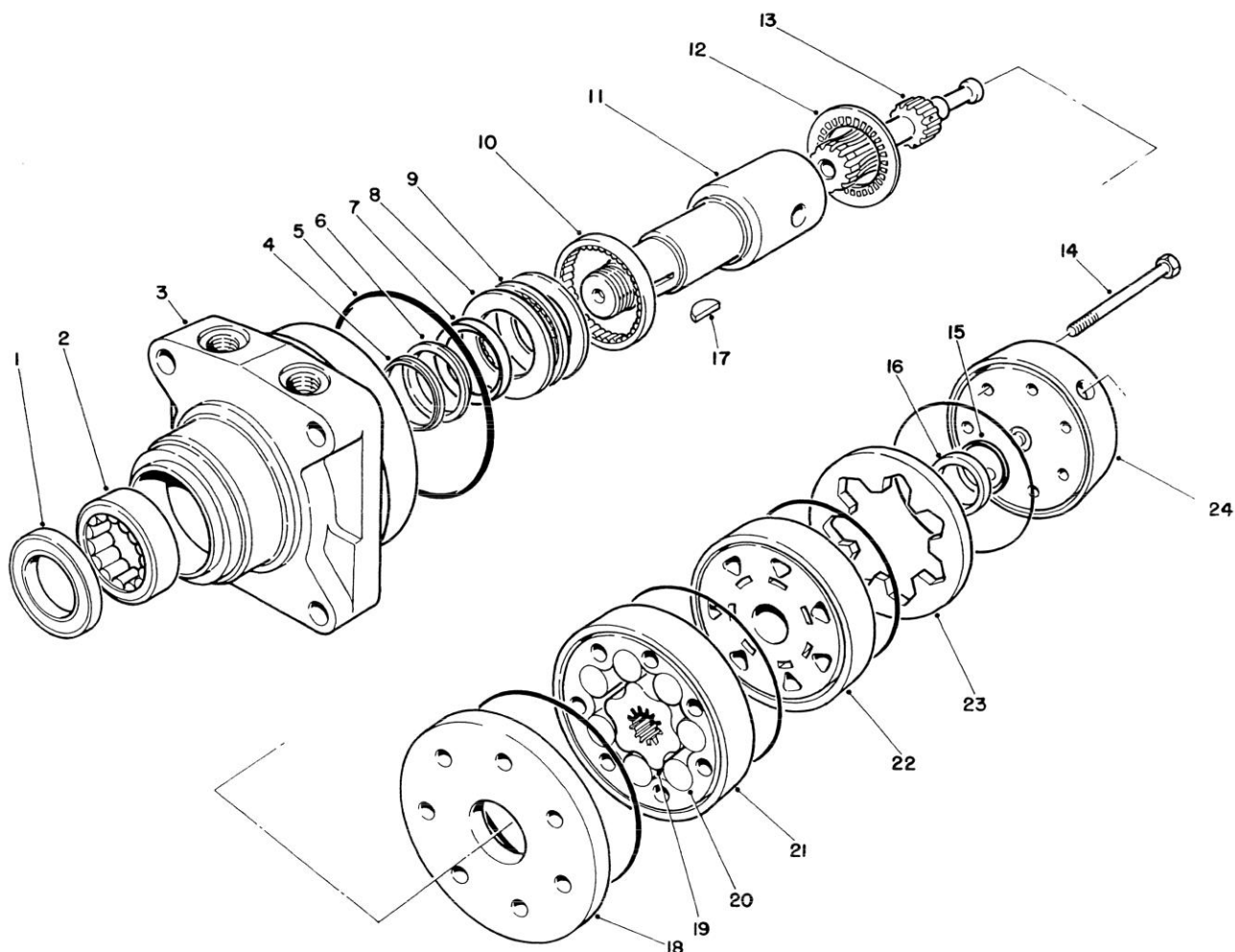


T-0252

FRONT STEERING FORK AND MOTOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3272-37	Pin - Cotter	1	19	10-6830	Stud - Drive Type	4
2	32136-9	Nut - Hex., Slotted	1	20	17-4710	Hub - Wheel	1
3	18-6320	Washer - Steering	1	21	3296-25	Nut - Lock	4
4	254-70	Bearing - Cone & Seal	2	22	3257-42	Key - Woodruff	1
5	254-61	Cup - Bearing	2	23	75-9830	Motor - Hydraulic	1
6	85-6680	Shield - Engine	1	24	237-80	O-Ring	2
7	3290-54	Rivet - Pop	2	25	353-427	Fitting - 45°	2
8	51-0900	Box - Litter (Incl. Ref. #7 & 9)	1	26	3217-7	Nut - Hex	5
9	44-2520	Clip - Spring	1	27	3253-21	Washer - Lock	5
10	32115-11	Retainer - Nut, Tinnerman	2	28	18-6210	Fork	1
11	321-5	Screw - Cap, Hex. Hd.	2	29	251-166	Flange - Bearing	2
12	3256-22	Washer - Flat	2	30	251-165	Bearing - w/Collar	1
13	242-50	Nut - Lug	4	31	3231-2	Bolt - Carriage	2
14	18-6290	Shaft - Axle	1	32	18-6270	Mount - Motor, Wheel	1
15	232-35	Stem - Valve	1	33	325-10	Screw - Cap, Hex. Hd.	4
16	46-4810	Rim	1	34	3256-24	Washer - Flat	3
17	28-1070	Tire	1	35	323-7	Screw - Cap, Hex. Hd.	3
18	26-3790	Nut - Lock	1	36	80-1900	Decal - Operating	1
				*	232-37	Tube - Inner, Tire	1

*Not Illustrated

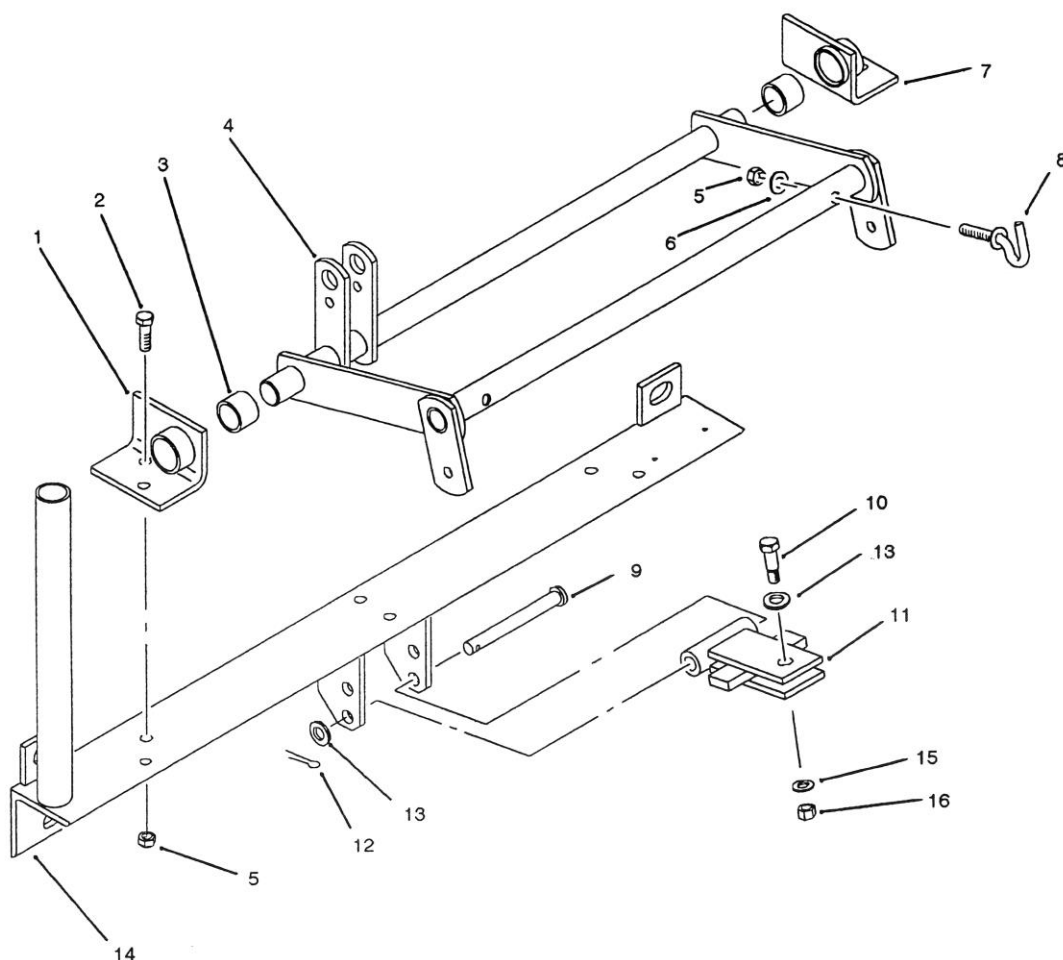


T-0983

HYDRAULIC DRIVE MOTOR (FRONT) NO. 75-9830

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1		Seal - Dirt & Water	1	17	3257-42	Key - Woodruff	1
2		Bearing	1	18	76-0870	Plate - Wear	1
3		Housing	1	19		Rotor	1
4		Washer - Backup	1	20		Vane	7
5		Seal - Rings	5	21		Stator	1
6		Washer - Backup	1	22	76-0840	Manifold	1
7		Seal - Inner	1	23		Ring - Commutator	1
8		Washer - Thrust	2	24	76-0940	Assembly - Cover, End	1
9		Bearing - Thrust	1	*	76-0950	Rotor Set (Incl. Ref. #19-21)	1
10		Bearing	1	*	76-0880	Assembly - Commutator (Incl. Ref. #15, 16 & 23)	1
11	76-0860	Shaft - Coupling	1	*	76-0800	Kit - Seal (Incl. Ref. #1, 4-7 & 15)	1
12	76-0850	Bearing - Thrust	1	*	76-0810	Assembly - Housing (Incl. Ref. #2, 3 & 8-10)	1
13	76-0930	Link - Drive	7				
14	76-1030	Screw - Cap, Hex. Hd.	1				
15		Seal - Commutator	1				
16		Commutator	1				

*Not Illustrated

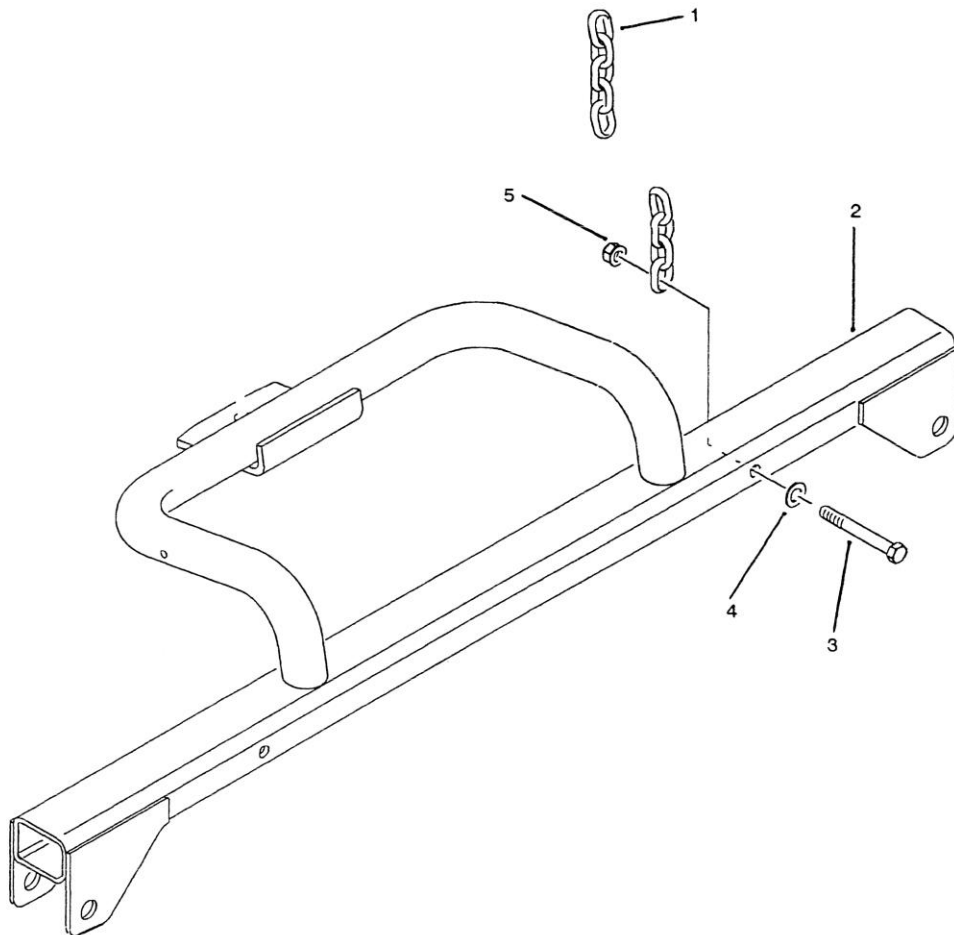


T-1346

RAKE MOUNTING KIT MODEL NO. 08814 (Optional)

Ref. No.	Part No.	Description	No. Used
1	80-1680	Bracket - Pivot, W.A. LH	1
2	323-7	Screw - Cap Hex. Hd.	4
3	256-234	Bushing	2
4	84-2420	Arm - Lift, W.A.	1
5	3296-39	Nut - Lock	6
6	3256-3	Washer - Flat	2
7	80-1690	Bracket - Pivot, W.A. RH	1
8	80-2040	Hook	2

Ref. No.	Part No.	Description	No. Used
9	283-83	Pin - Clevis	1
10	80-2050	Bolt - Shoulder	1
11	84-2230	Pivot - W.A.	1
12	3272-12	Pin - Cotter	1
13	3256-26	Washer - Flat	2
14	84-2620	Angle - W.A.	1
15	3256-25	Washer - Flat	1
16	3296-48	Nut - Lock	1

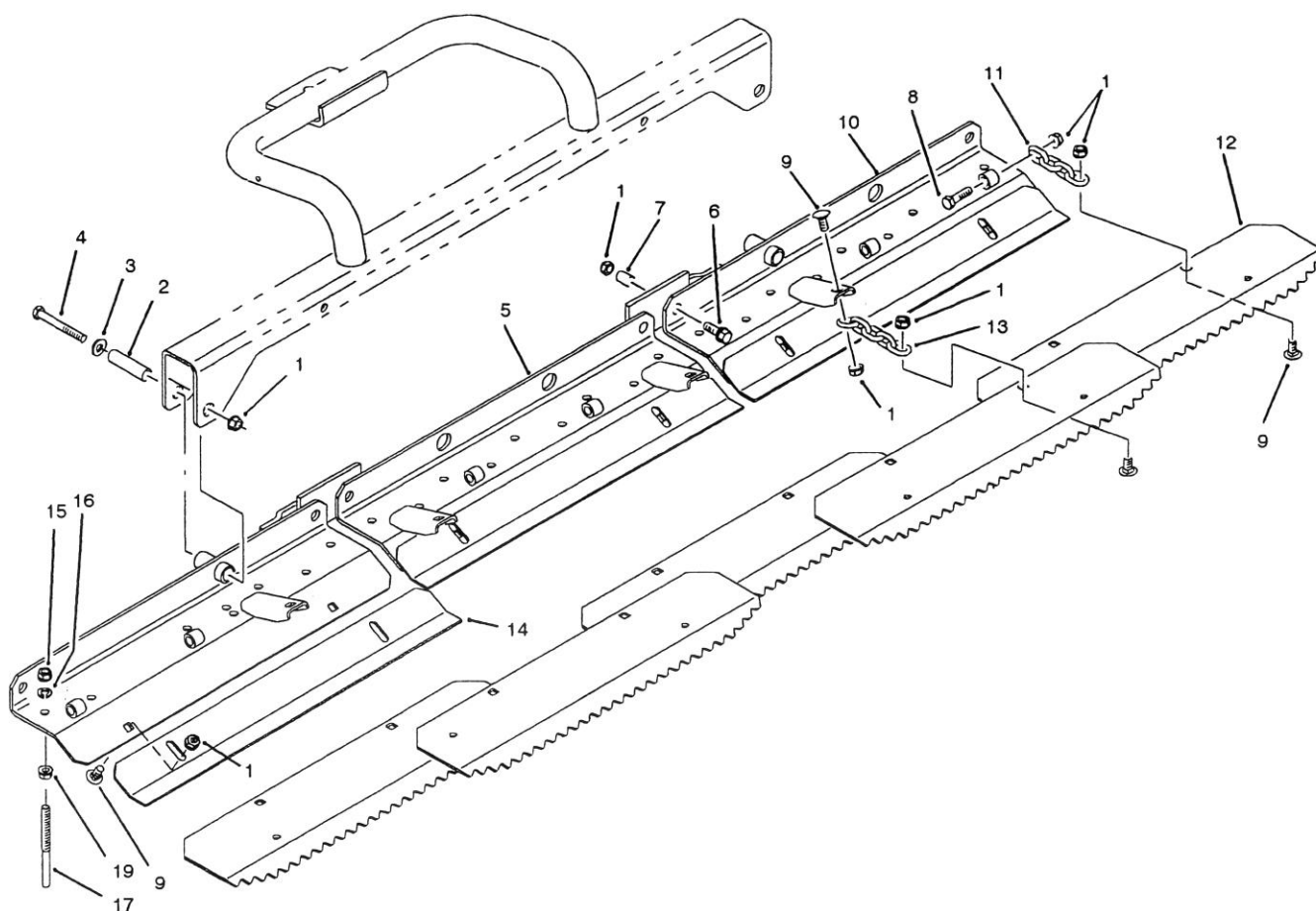


T-1343

TOOTH RAKE KIT MODEL NO. 08812 (Optional)

Ref. No.	Part No.	Description	No. Used
1	84-2452	Chain - 14 Links	2
2	84-2680	Hanger W.A.	1
3	323-14	Screw - Cap Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
4	3256-3	Washer - Flat	2
5	32128-21	Nut - Flange Head	2

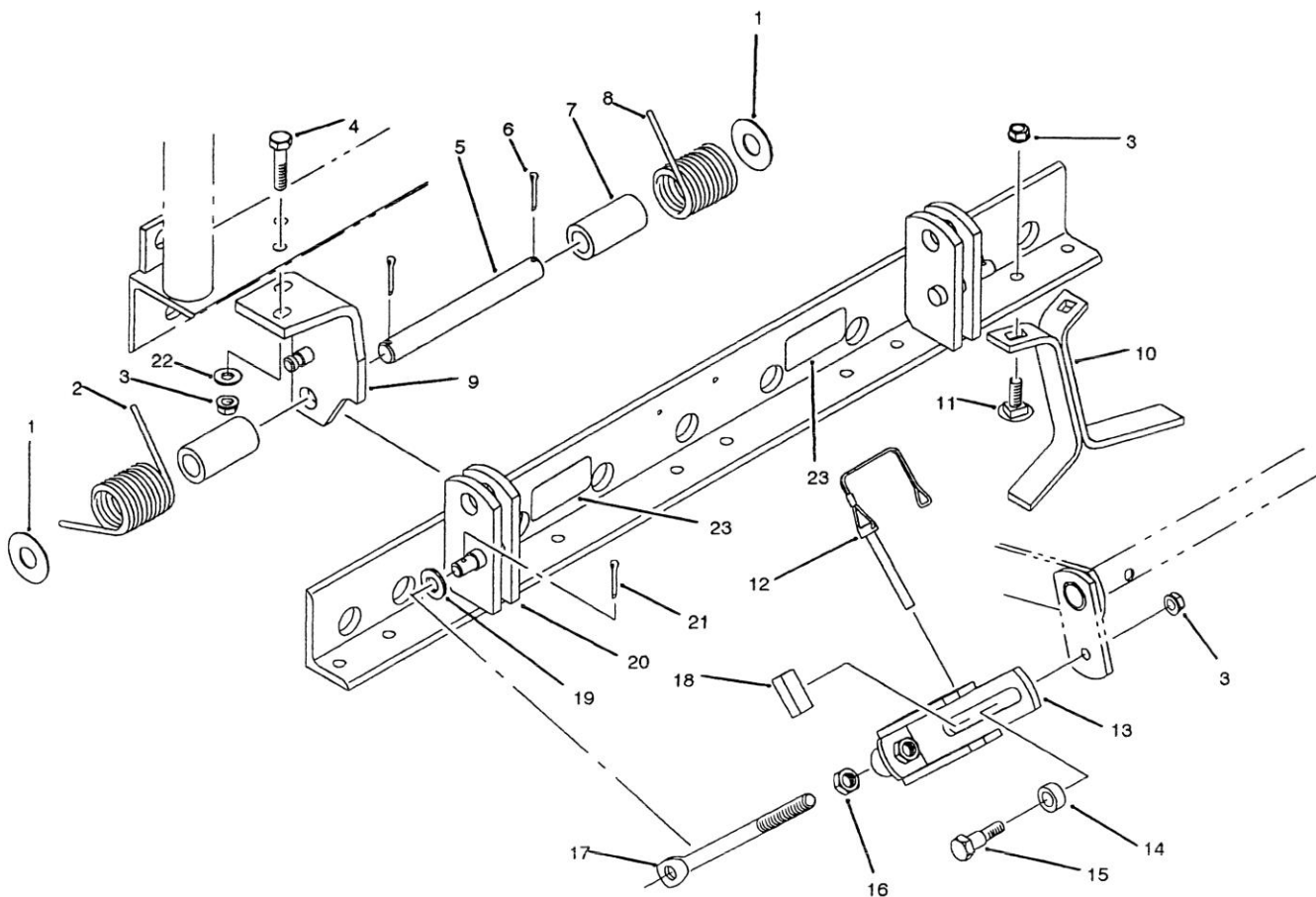


T-1344

TOOTH RAKE KIT MODEL NO. 08812 (Optional) (Cont.)

Ref. No.	Part No.	Description	No. Used
1	32128-21	Nut - Flange Head	30
2	84-2350	Spacer - Long	2
3	3256-3	Washer - Flat	2
4	323-14	Screw - Cap Hex. Hd.	2
5	84-2390	Plate - Center, Trowel W.A.	1
6	3234-8	Screw - Flange Head	2
7	84-2410	Spacer - Short	2
8	323-7	Screw - Cap Hex. Hd.	6
9	3231-21	Bolt - Carriage	20
10	84-2400	Plate - R.H., Trowel W.A.	1

Ref. No.	Part No.	Description	No. Used
11	84-2450	Chain - 4 Links	6
12	84-2280	Rake - Finishing	5
13	84-2451	Chain - 5 Links	4
14	84-2550	Trowel - Smooth	3
15	3217-7	Nut	27
16	3253-29	Washer - Lock	27
17	85-0280	Rake - Prong	27
18	84-2360	Plate - L.H., Trowel W.A.	1
19	3290-357	Nut - Flange	27



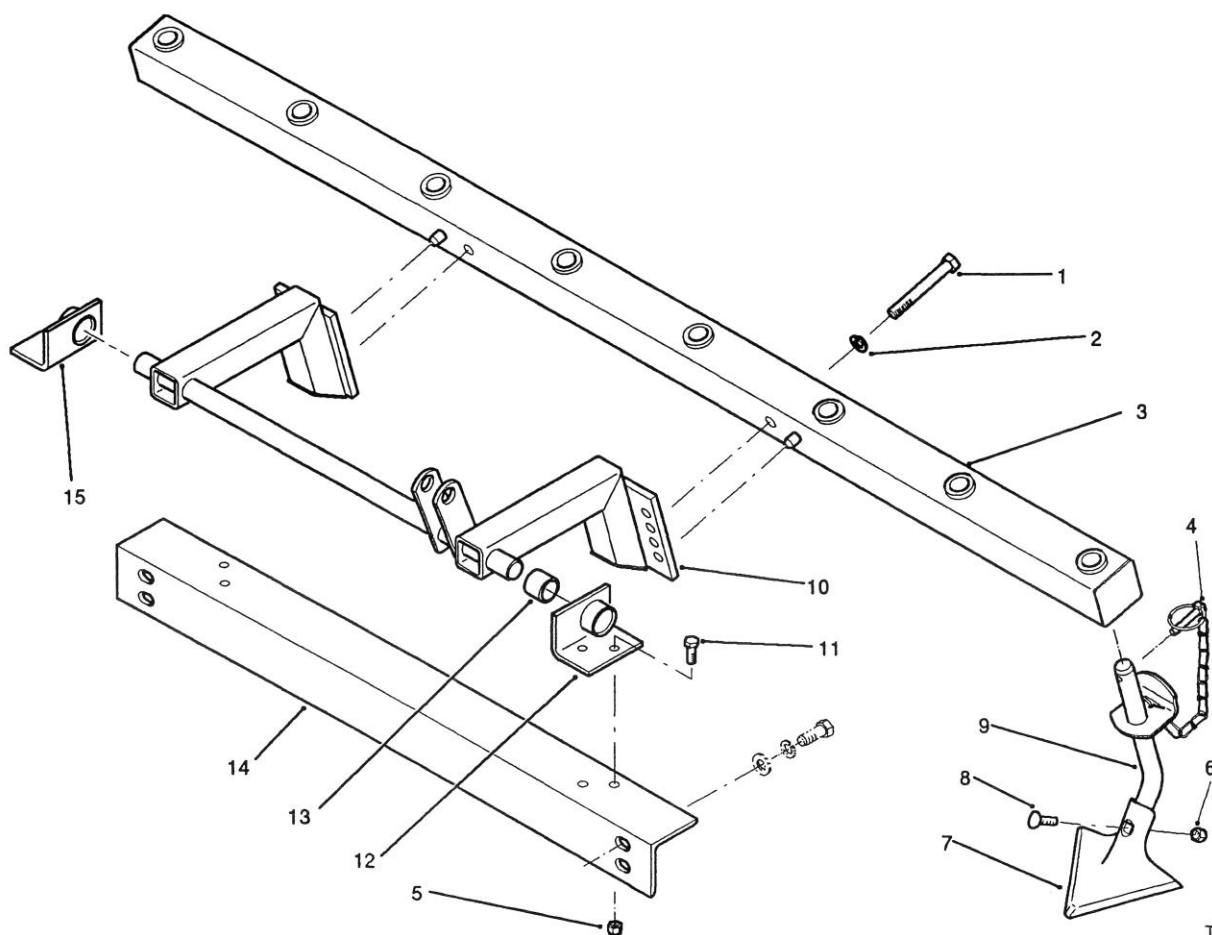
T-1420

WEEDER KIT MODEL NO. 08815 (Optional)

Ref. No.	Part No.	Description	No. Used
1	67-0860	Washer - Flat	4
2	85-0140	Spring - Torsion, L.H.	2
3	3296-39	Nut - Lock	16
4	323-9	Screw - Cap Hex. Hd.	4
5	85-0120	Pin	2
6	3272-18	Pin - Cotter	4
7	85-0130	Spacer - Spring	4
8	85-0150	Spring - Torsion, R.H.	2
9	85-0100	Bracket W.A. - L.H.	1
*	85-0070	Bracket W.A. - R.H.	1
10	85-0160	Sweep W.A.	5
11	3231-2	Bolt - Carriage	10

Ref. No.	Part No.	Description	No. Used
12	85-0270	Pin - Lock	2
13	85-0190	Lift Arm W.A.	2
14	85-0250	Spacer	2
15	85-0240	Bolt - Shoulder	2
16	3217-9	Nut - Hex.	2
17	85-0230	Rod - Adjustment	2
18	85-0260	Block	2
19	3256-26	Washer	2
20	85-0020	Angle W.A.	1
21	3272-12	Pin - Cotter	2
22	3256-3	Washer - Flat	4
23	55-4300	Decal - Warning	2

*Not Illustrated

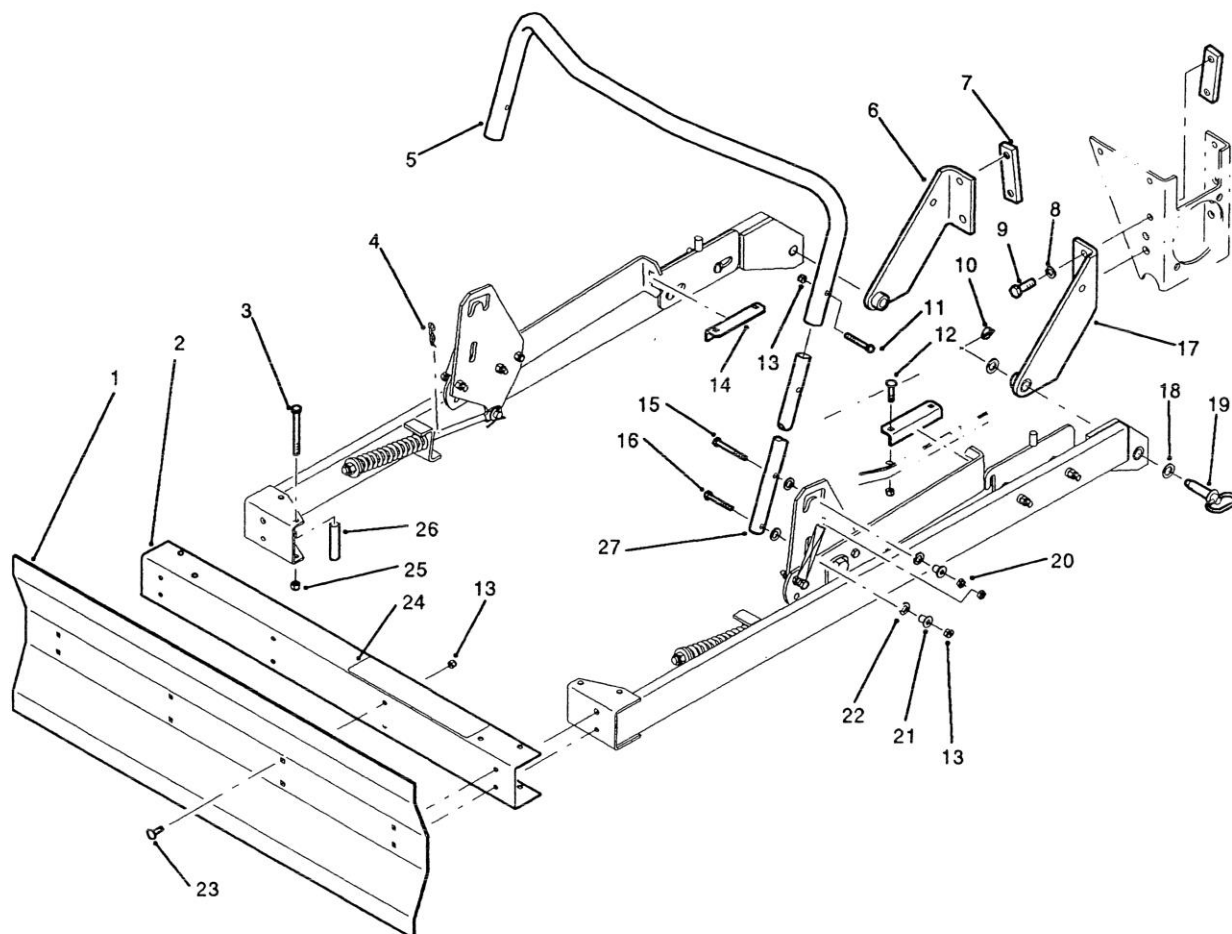


T-1231A

CULTIVATOR ASSEMBLY* MODEL NO. 08818 (Optional)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	325-15	Screw - Cap Hex. Hd.	2	11	323-6	Screw - Cap Hex. Hd.	4
2	3253-7	Washer - Lock	2	12	80-1680	Bracket - Pivot, L.H. (Incl. Ref. #13)	1
3	80-1340	Beam W.A.	1	13	256-234	Bushing	2
4	283-80	Assembly - Lynch Pin	8	14	80-1710	Angle - Support	1
5	3296-39	Nut - Lock	4	15	80-1690	Bracket - Pivot, R.H. (Incl. Ref. #13)	1
6	32152-2	Nut - Lock	8	16	80-1700	Assembly - Sweep (Incl. Ref. #4, 6-9)	8
7	80-1640	Sweep	8				
8	323-51	Bolt - Plow	8				
9	80-1350	Bar W.A.	8				
10	80-1330	Frame W.A.	1				

*Frame reinforcement kit (80-1940) is required if used on Sand Pro Model No. 08880-01226 and prior.

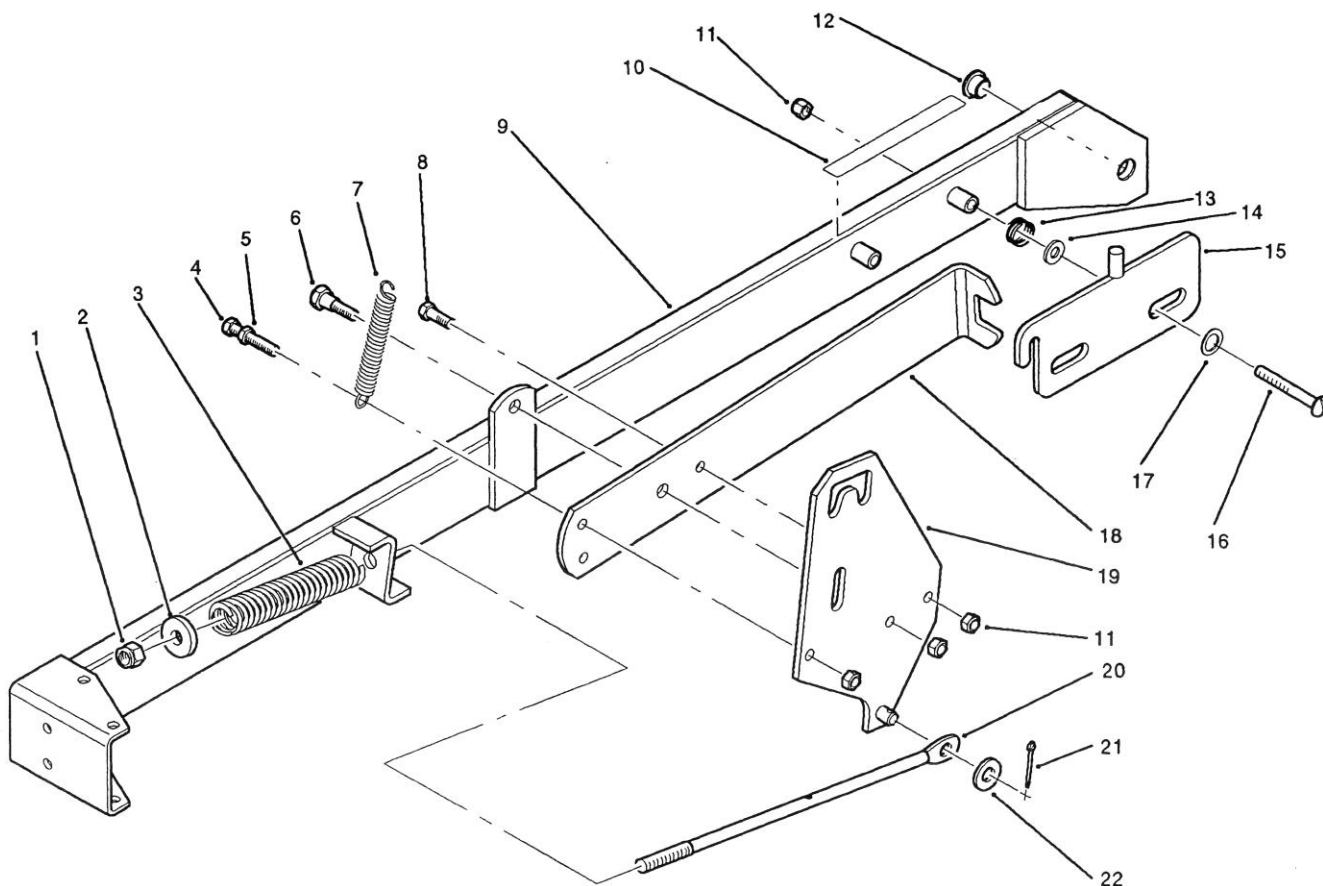


T-1234

FRONT BLADE KIT MODEL NO. 08820 (Optional) BLADE, ARMS & HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	80-1190	Blade	1
2	80-1820	Channel	1
3	323-16	Screw - Cap Hex. Hd.	4
4	3290-355	Pin - Hair, Cotter	2
5	80-1850	Handle	1
6	80-1420	Bracket - W.A., R.H.	1
7	80-1210	Block - Mounting	2
8	3253-7	Washer - Lock	4
9	325-6	Screw - Cap Hex. Hd.	4
10	3290-495	Pin - Klix	2
11	322-9	Screw - Cap Hex. Hd.	2
12	3230-4	Bolt - Carriage	4
13	3296-29	Nut - Lock	18
14	80-1830	Plate - Wear	2

Ref. No.	Part No.	Description	No. Used
15	322-13	Screw - Cap Hex. Hd.	2
16	322-11	Screw - Cap Hex. Hd.	2
17	80-1430	Bracket - W.A., L.H.	1
18	257-11	Washer - Thrust	4
19	80-1840	Pin	2
20	3218-2	Nut - Hex. Jam	2
21	27-6602	Spacer	4
22	77-0350	Washer - Thrust, Nylon	8
23	3230-2	Bolt - Carriage	8
24	80-1920	Decal - Warning	1
25	3296-44	Nut - Lock	4
26	80-1890	Spacer	4
27	80-1860	Handle - Upright	2



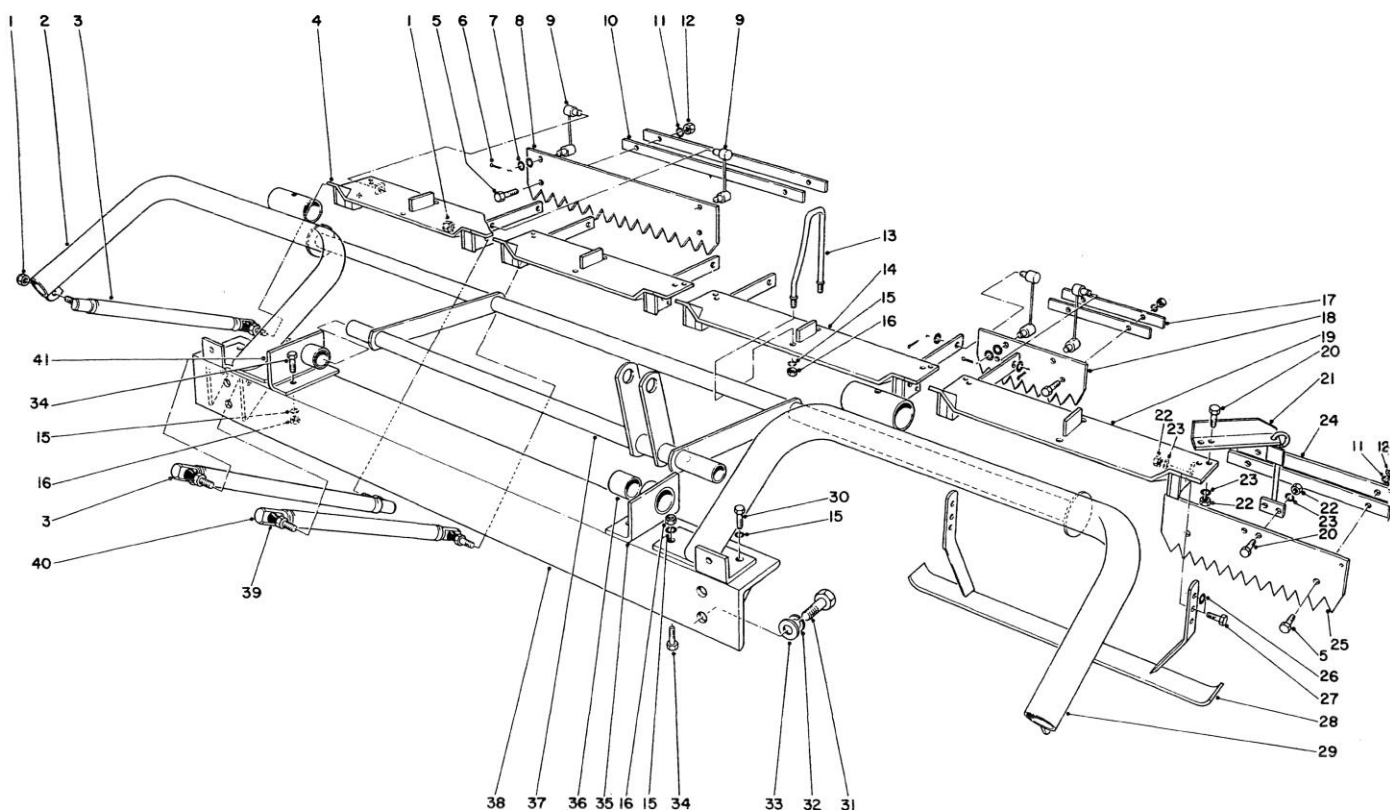
T-1235

FRONT BLADE KIT MODEL NO. 08820 (Optional) (Continued) ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296-23	Nut - Lock	1
2	70-8040	Washer	1
3	80-1470	Spring	1
4	323-10	Screw - Cap Hex. Hd.	1
5	3218-3	Nut - Hex. Jam	1
6	80-1300	Bolt - Shoulder	1
7	76-4660	Spring - Extension	1
8	323-6	Screw - Cap Hex. Hd.	1
9	80-1370	Arm - Extension, R.H.	1
*	80-1400	Arm - Extension, L.H.	1
10	80-1930	Decal - Latch	1
11	3296-17	Nut - Lock	5

Ref. No.	Part No.	Description	No. Used
12	256-317	Bushing	1
13	80-1800	Spring - Compression	2
14	3256-69	Washer - Flat	2
15	80-1760	Plate - W.A.	1
16	32122-54	Screw - Truss Head	2
17	67-9480	Washer	2
18	80-1750	Arm - Lift	1
19	80-1380	Plate - W.A., R.H.	1
*	80-1410	Plate - W.A., L.H.	1
20	80-1460	Rod	1
21	3272-12	Pin - Cotter	1
22	3256-26	Washer - Flat	1

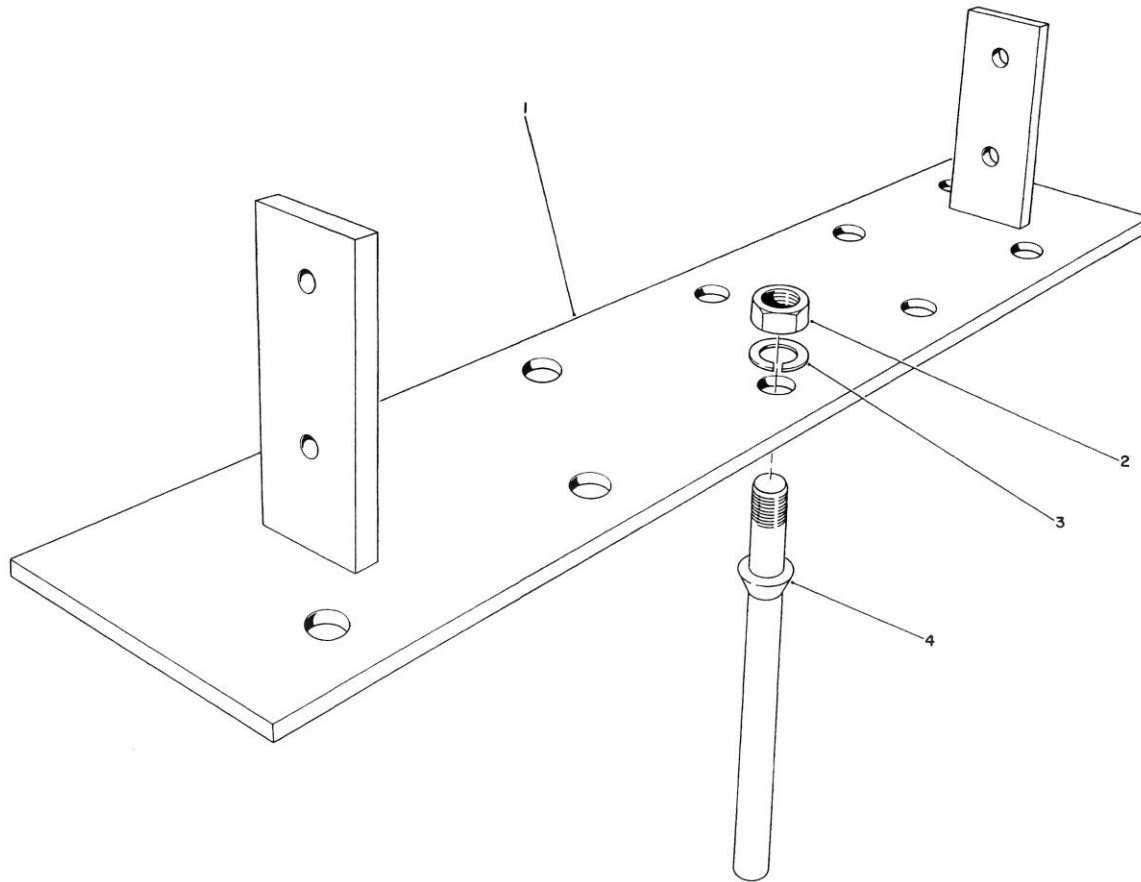
*Not Illustrated



T-0253

RAKE ASSEMBLY MODEL NO. 08811 (Optional)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3296-5	Nut - Lock	16	23	3253-3	Washer - Lock	24
2	18-7260	Hoop - Wheel, R.H.	1	24	18-7650	Weight	4
3	18-7550	Assembly - Ball Joint (Incl. Ref. #39)	4	25	77-5080	Swivel - Drag	2
4	18-7450	Rake - Upper	1	26	3256-22	Washer - Flat	8
5	322-5	Screw - Cap, Hex. Hd.	18	27	321-31	Screw - Cap, Hex. Hd.	16
6	3272-10	Pin - Cotter	28	28	18-7460	Rake - Bar	4
7	3256-23	Washer - Flat	42	29	18-7360	Hoop - Wheel, L.H.	1
8	77-5100	Plate - Drag, Main	4	30	323-3	Screw - Cap, Hex. Hd.	2
9	20-4670	Assembly - Cable, Drag	14	31	325-5	Screw - Cap, Hex. Hd.	4
10	18-7570	Weight - Drag	8	32	3253-7	Washer - Lock	4
11	3253-4	Washer - Lock	18	33	3256-26	Washer - Flat	4
12	3217-6	Nut - Hex	18	34	323-6	Screw - Cap, Hex. Hd.	4
13	18-7520	Hoop - Lift	4	35	18-7220	Bracket - Pivot, L.H. (Incl. Ref. #36)	1
14	18-7380	Rake - Upper, (Center)	2	36	256-234	Bushing	2
15	3253-21	Washer - Lock	14	37	18-7170	Bar - Lift	1
16	3217-7	Nut - Hex.	12	38	18-7280	Mount - Rake	1
17	18-7590	Weight - Drag (Secondary)	6	39	2411-31	Boot - Rubber	16
18	77-5090	Plate - Drag (Secondary)	3	40	18-7530	Assembly - Ball Joint (Ctr.) (Incl. Ref. #39)	4
19	18-7420	Rake - Upper, L.H.	1	41	18-7250	Bracket - Pivot, R.H. (Incl. Ref. #36)	1
20	321-4	Screw - Cap, Hex. Hd.	8				
21	18-7660	Bracket - Swivel	2				
22	3217-5	Nut - Hex.	24				

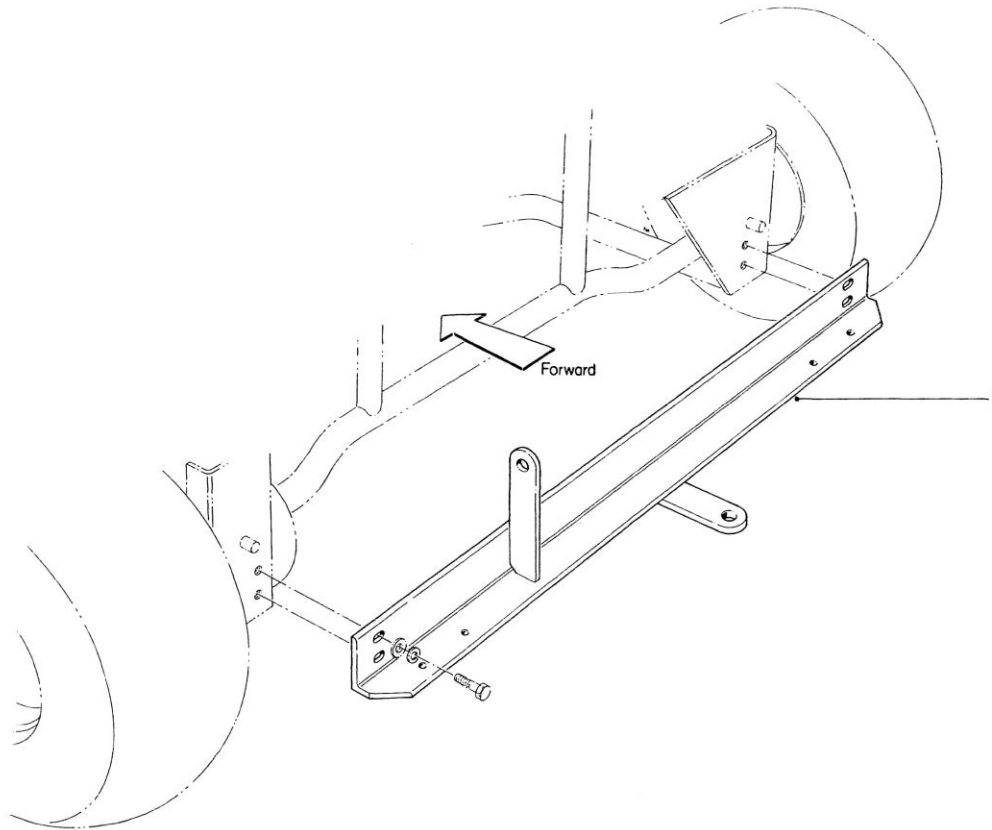


T-0254

PRONG RAKE KIT NO. 42-3960 (Optional)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	42-1910	Plate	4	3	3253-29	Washer - Lock	40
2	3217-7	Nut - Hex.	40	4	42-1940	Prong - Rake	40

Note: Used with Rake Attachment Model No. 08811

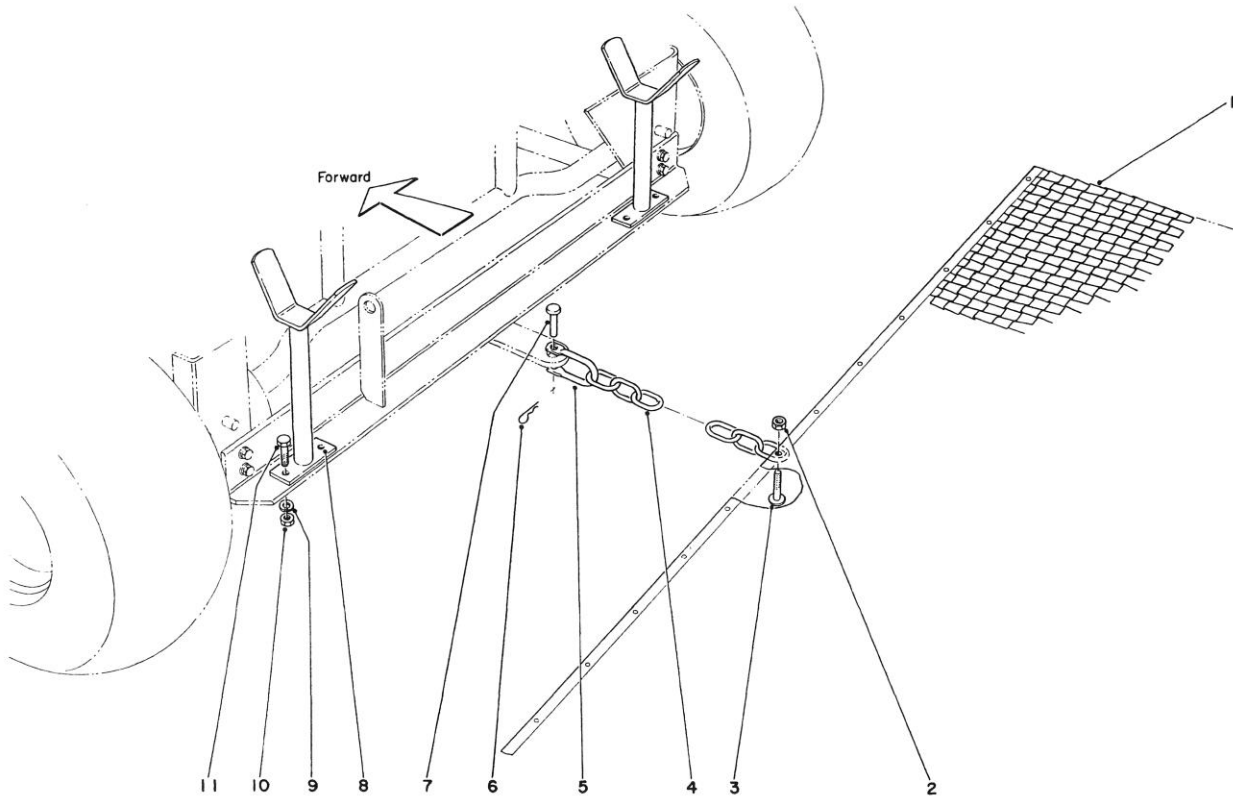


T-0255

HITCH KIT MODEL NO. 08833 (Optional)

Ref. No.	Part No.	Description	No. Used
1	20-3910	Hitch	1

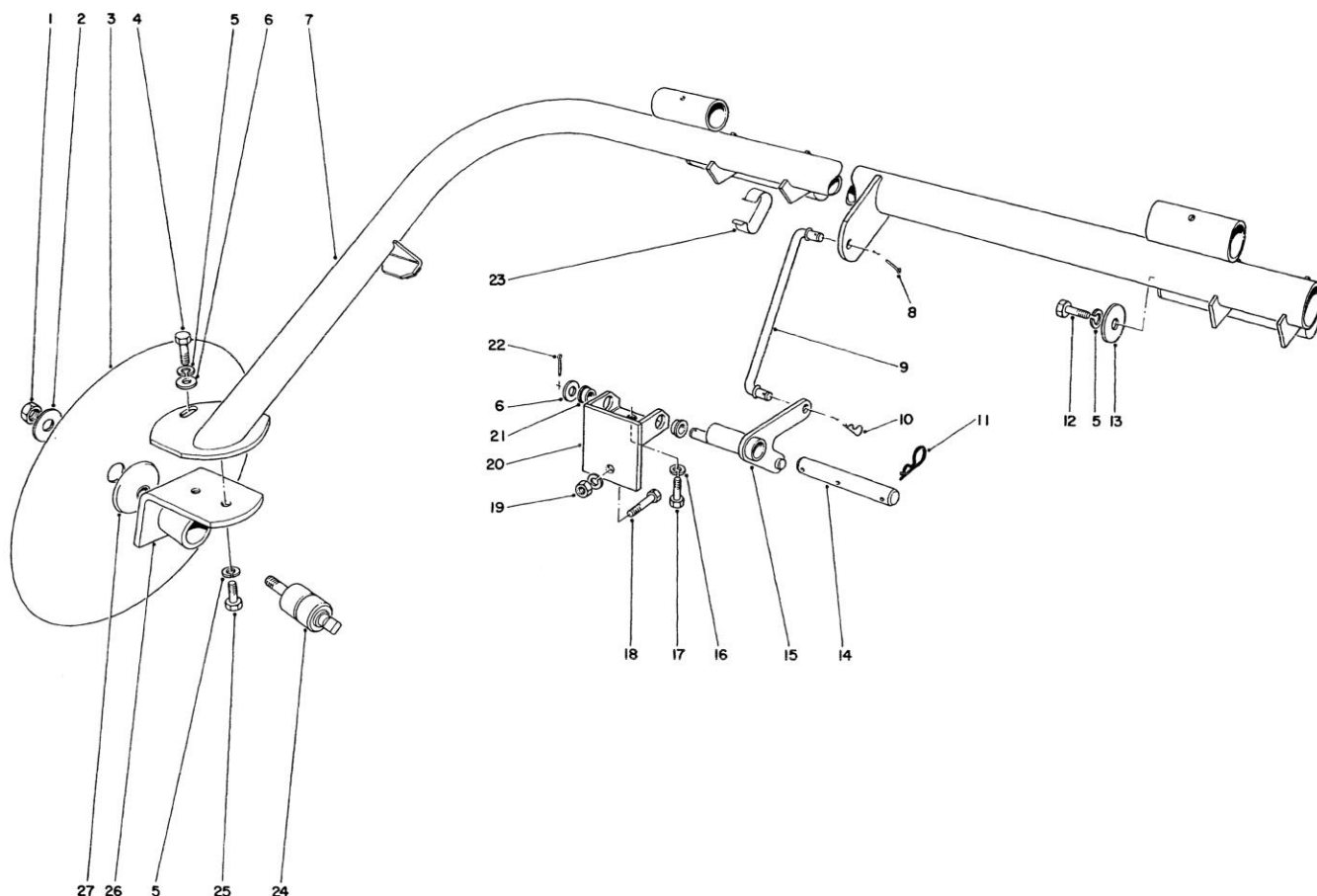
Ref. No.	Part No.	Description	No. Used



T-0256

DRAG MAT KIT MODEL NO. 08844 (Optional)

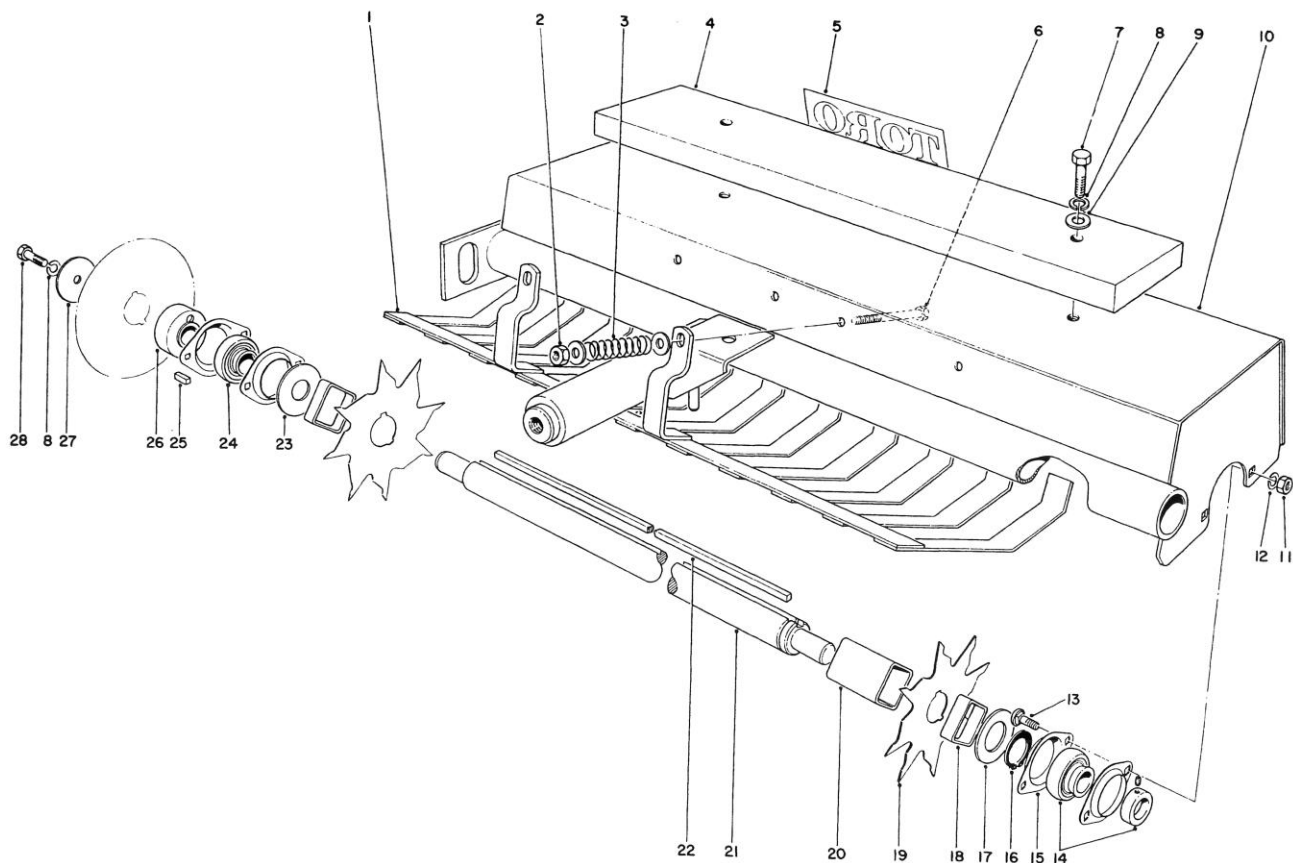
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	20-4290	Mat - Drag	1	7	283-10	Pin	1
2	3296-29	Nut - Lock	1	8	28-0830	Holder - Mat, Drag	2
3	32122-35	Screw - Machine Screw	1	9	3253-21	Washer - Lock	4
4	2820-2	Chain	1	10	3217-7	Nut - Hex.	4
5	5-2942	Shackle	1	11	323-29	Screw - Cap, Hex. Hd.	4
6	3290-250	Pin - Hair, Cotter	1				



T-0257

EDGER KIT MODEL NO. 08822 (Optional)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3296-33	Nut - Lock	1	16	3253-21	Washer - Lock	2
2	3256-7	Washer - Flat	1	17	325-2	Screw - Cap, Hex. Hd.	1
3	20-4070	Disk - Edger	1	18	323-7	Screw - Cap, Hex. Hd.	1
4	325-5	Screw - Cap, Hex. Hd.	1	19	3217-7	Nut - Hex.	1
5	3253-7	Washer - Lock	3	20	20-3970	Mount - Pivot (Incl. Ref. #21)	1
6	3256-26	Washer - Flat	2	21	256-156	Bushing	2
7	20-4030	Arm - Edger	1	22	3272-7	Pin - Cotter	1
8	3272-2	Pin - Cotter	1	23	20-4200	Clip - Spring	2
9	20-4190	Link - Actuator	1	24	20-4090	Bearing - Disk	1
10	3290-250	Pin - Hair, Cotter	1	25	325-4	Screw - Cap, Hex. Hd.	1
11	3290-256	Pin - Hair, Cotter	2	26	20-4020	Plate - Support, Disk (Incl. Ref. #24)	1
12	323-4	Screw - Cap, Hex. Hd.	1	27	20-4050	Support - Disk	1
13	5-1720	Washer	1				
14	20-4230	Pin - Cylinder	1				
15	20-3980	Crank - Bell	1				



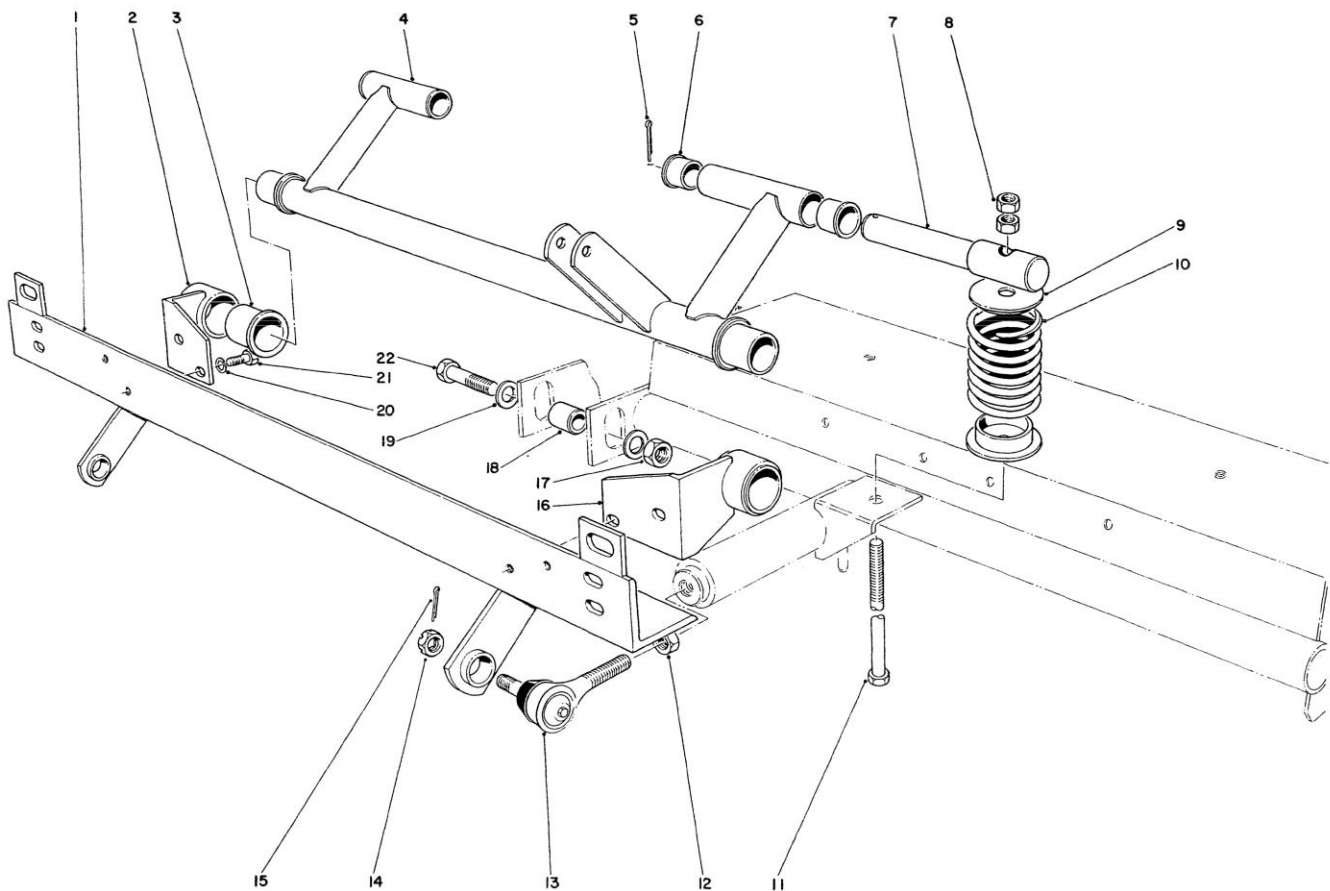
T-0258

SPIKER MODEL NO. 08855 (Optional)

Ref. No.	Part No.	Description	No. Used
1	20-9140	Assembly - Fork, L.H.	1
*	20-9150	Assembly - Fork, R.H.	1
2	3296-39	Nut - Lock	4
3	20-9550	Spring - Compression	4
4	20-9430	Weight	2
5	18-6900	Decal - Toro	1
6	323-14	Screw - Cap, Hex. Hd.	4
7	323-10	Screw - Cap, Hex. Hd.	4
8	3253-21	Washer - Lock	6
9	3256-24	Washer - Flat	12
10	20-9040	Assembly - Frame, L.H.	1
*	20-9050	Assembly - Frame, R.H.	1
11	3217-6	Nut - Hex.	8
12	3253-4	Washer - Lock	8
13	3230-1	Bolt - Carriage	8
14	251-253	Bearing - w/Collar	2

Ref. No.	Part No.	Description	No. Used
15	251-255	Flange	8
16	32151-44	Retaining - Ring	2
17	20-9490	Washer	2
18	20-7400	Spacer - End	4
19	20-7380	Spike - Blade	24
20	20-9480	Spacer	20
21	20-9470	Shaft	2
22	20-9460	Key	2
23	20-9500	Washer	2
24	251-254	Bearing	2
25	20-9540	Key	2
26	20-9980	Hub	2
27	20-9530	Washer - End	2
28	323-7	Screw - Cap, Hex. Hd.	2
*	21-6000	Spiker - Depth Gauge	1

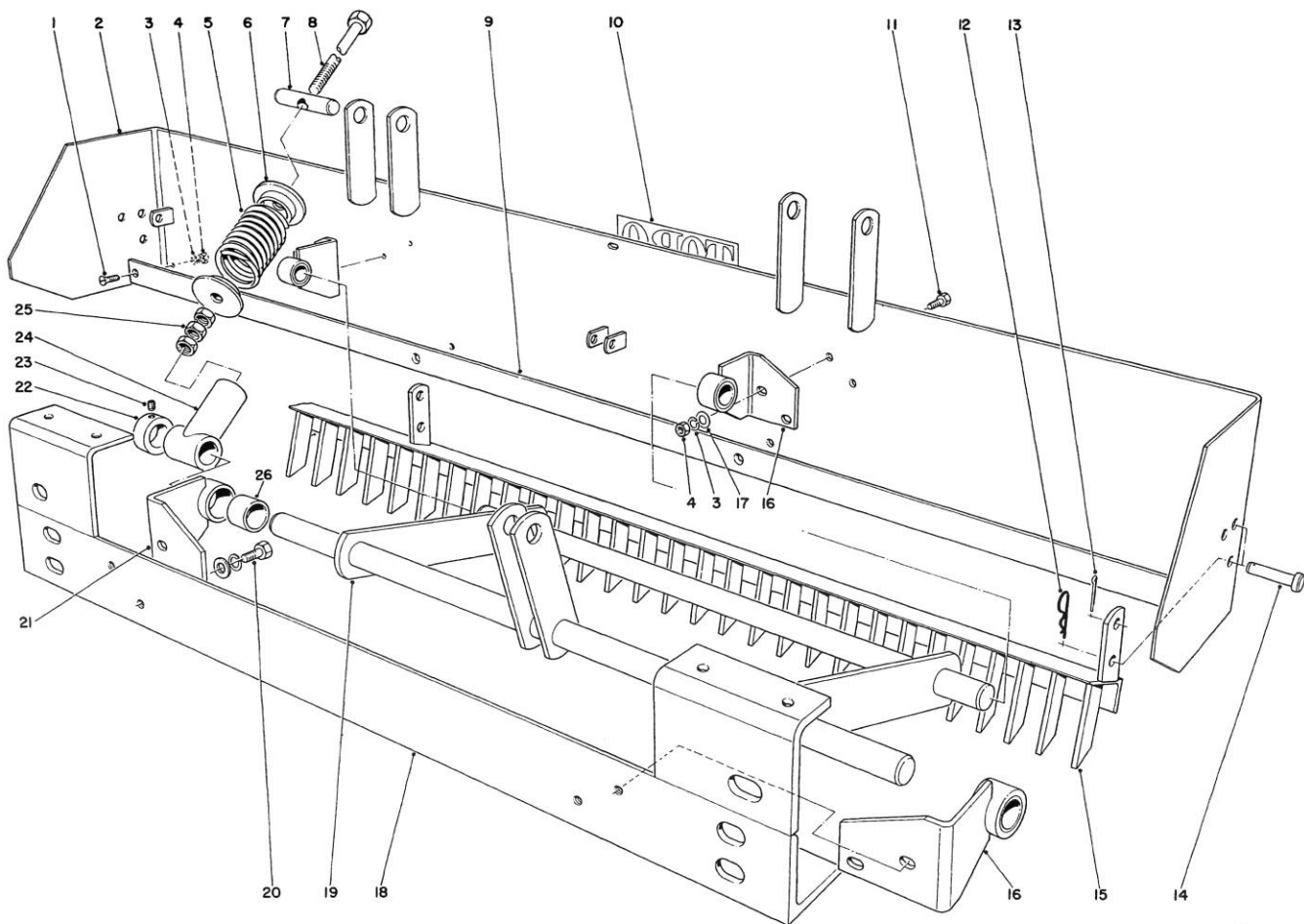
*Not Illustrated



T-0259

SPIKER MODEL NO. 08855 (Optional) (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	20-9310	Mount	1	12	20-9990	Nut	2
2	20-9270	Anchor R.H. (Incl. Ref. #3)	1	13	21-4010	Ball Joint (Incl. Ref. #14)	2
3	256-245	Bushing	2	14	32136-3	Nut - Slotted	2
4	20-9190	Arm - Lift (Incl. Ref. #6)	1	15	3272-7	Pin - Cotter	2
5	3272-13	Pin - Cotter	2	16	20-9260	Anchor - L.H. (Incl. Ref. #3)	1
6	256-10	Bushing	2	17	3296-25	Nut - Lock	1
7	20-9400	Pin - Actuating	2	18	20-9410	Tube - Support, Center	1
8	3217-9	Nut - Hex.	4	19	3256-26	Washer - Flat	2
9	20-9350	Mount - Spring	4	20	3253-21	Washer - Lock	4
10	20-9420	Spring	2	21	323-5	Screw - Cap, Hex. Hd.	4
11	20-9390	Rod - Actuating	2	22	325-8	Screw - Cap, Hex. Hd.	1



T-0260

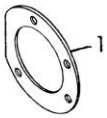
FINISH GRADER KIT MODEL NO. 08867 (Optional)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32108-39	Screw - Flat Hd.	4	*	23-3010	Scarifier (22 Fingers)	1
2	23-2780	Plow	1	16	23-2810	Anchor L.H. (Incl. Ref. #26)	2
3	3253-21	Washer - Lock	12	17	3256-24	Washer - Flat	8
4	3217-7	Nut - Hex.	12	18	23-2710	Mount	1
5	20-9420	Spring - Compression	2	19	23-2680	Arm - Lift	1
6	23-2760	Mount - Spring	4	20	323-5	Screw - Cap, Hex. Hd.	4
7	23-2740	Pin - Actuating	2	21	23-2690	Anchor R.H. (Incl. Ref. #26)	2
8	23-2770	Rod - Actuating	2	22	23-2730	Collar - Lock	2
9	23-2790	Blade - Scraper	1	23	3246-1	Screw - Set	2
10	18-6900	Decal - Toro	1	24	23-2720	Sleeve - Adjusting	2
11	323-7	Screw - Cap, Hex. Hd.	4	25	3217-11	Nut - Hex.	6
12	3290-355	Pin - Hair, Cotter	2	26	256-237	Bushing	4
13	3272-11	Pin - Cotter	3				
14	283-40	Pin - Clevis	5				
15	23-2750	Scarifier (43 Fingers)	1				

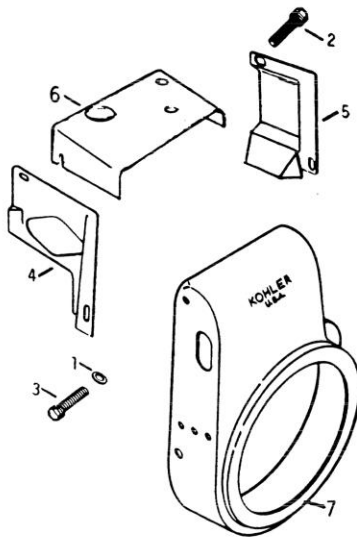
*Not Illustrated

ENGINE KOHLER MODEL NO. K321S SPEC. NO. 60434

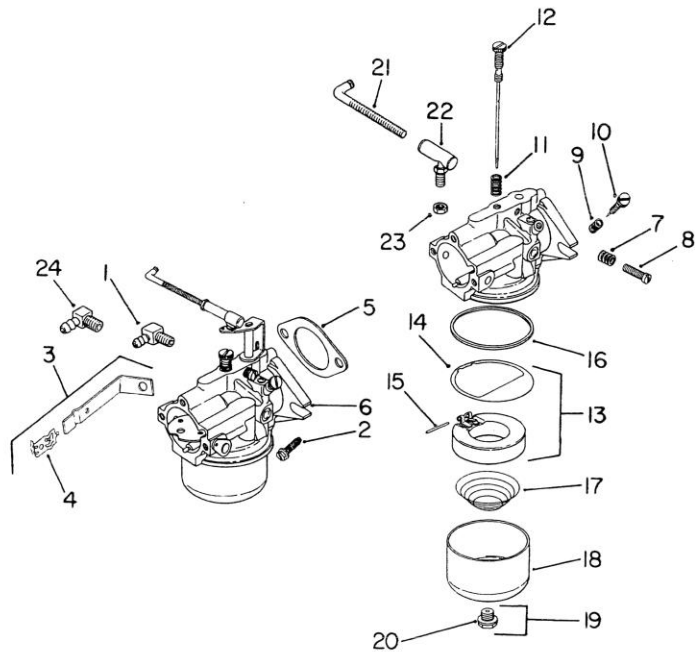
GROUP 1



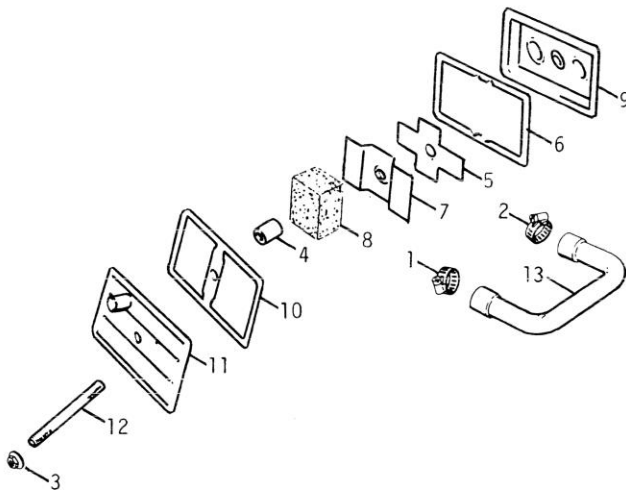
GROUP 2



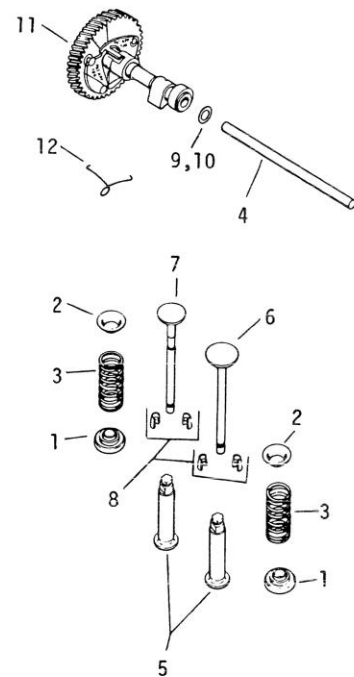
GROUP 5



GROUP 3



GROUP 4

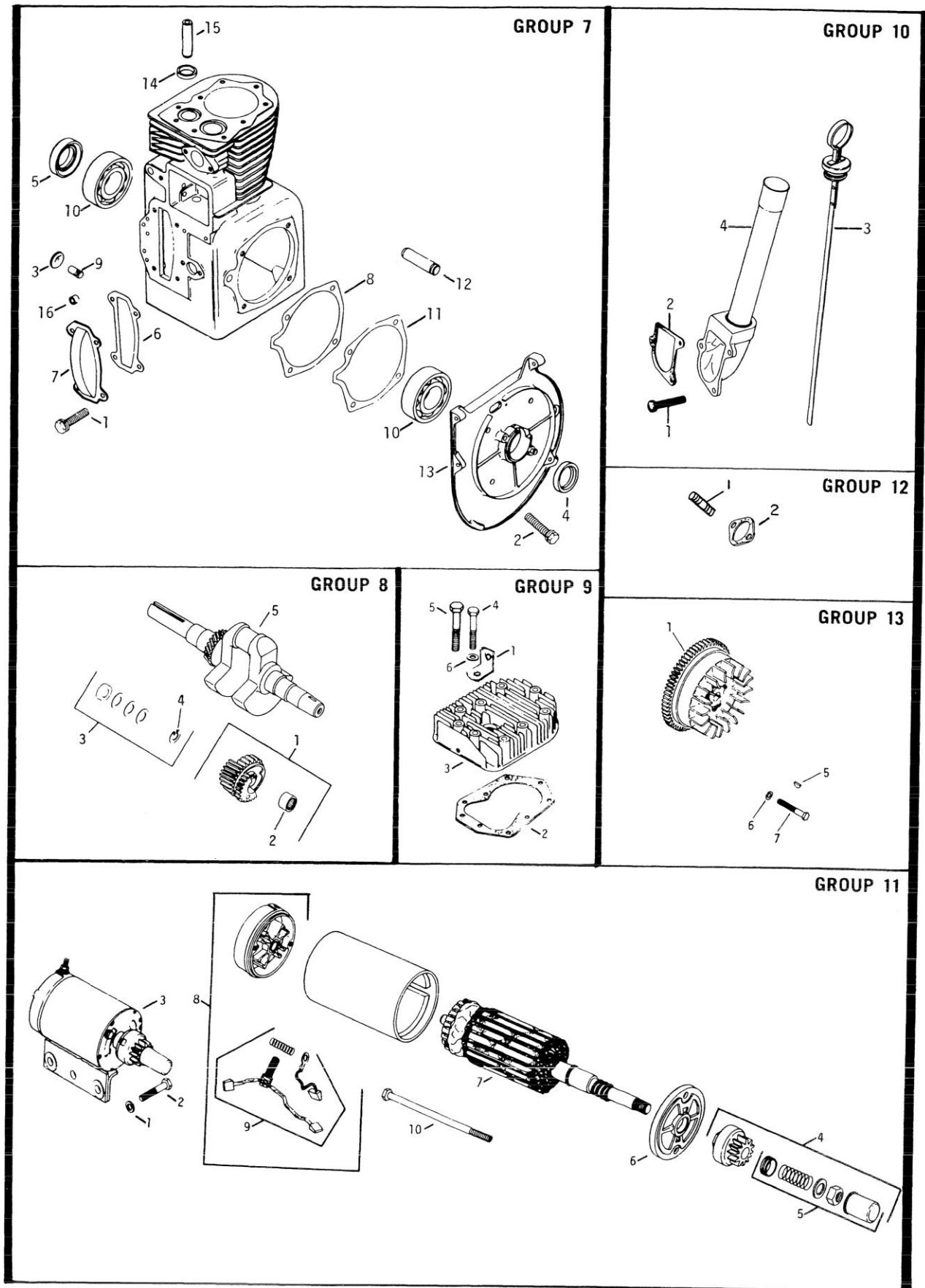


ENGINE KOHLER MODEL NO. K321S SPEC. NO. 60434

Ref. No.	Part No.	Description	No. Used
1	4504107	AIR INTAKE - GROUP 1	
		Gasket - Air Horn	1
		BAFFLES & SHROUD GROUP 2	
1	X-25-53	Washer - Plain	1
2	X-132-2	Screw - H.C.	3
3	X-132-6	Screw - HC.	3
4	235652	Baffle - Side Air	1
5	236676	Baffle - Cylinder	1
6	237677	Baffle - Head	1
7	4702718	Housing - Blower	1
		BREATHER & VENT GROUP 3	
1	X-426-3	Clamp - Hose	1
2	X-426-9	Clamp - Hose	1
3	X-799-1	Palnut	1
4	231032	Seal - Breather	1
5	235047	Reed - Breather	1
6	235048	Gasket - Breather Plate	1
7	235117	Baffle - Breather	1
8	235118	Filter - Breather	1
9	235631	Plate - Breather	1
10	275144	Gasket - Valve Cover	1
11	275839	Cover - Valve	1
12	275220	Stud - Valve Cover	1
13	4732602	Hose	1
		CAMSHAFT & VALVES GROUP 4	
1	5241301	Rotator	2
2	235011	Retainer - Spring Upper	2
3	235168	Spring - Valve	2
4	4738009	Pin - Camshaft	1
5	D-235327	Tappet	2
6	235582	Valve - Intake	1
7	237672	Valve - Exhaust	1
8	4175510	Kit - Retainer	2
9	275066	Spacer .005 (A.R.)	1
10	275067	Spacer .010 (A.R.)	1
11	4701009	Camshaft Assembly	1
12	4708901	Spring - Actuating	1

Ref. No.	Part No.	Description	No. Used
		CARBURETOR GROUP 5	
1	2515502	Connector - 90° Hose	1
2	X-770-1	Screw - Slted. Hd.	2
3	A-236919	Bracket - Choke Assembly	1
4	235603	Clip	1
5	271030	Gasket - Carburetor	1
6	4705361	Carburetor Assembly	1
7	232555	Spring - Idle Speed	1
8	232556	Screw - Idle Speed Adj.	1
9	200380	Spring - Idle Fuel	1
10	275231	Needle - Idle Fuel Adj.	1
11	200383	Spring - Main Fuel	1
12	4510301	Needle - Main Fuel Adj.	1
13	2575703	Kit - Float	1
14	2504102	Gasket - Bowl Baffle	1
15	200376	Pin - Float Hinge	1
16	200375	Gasket - Bowl	1
17	237917	Spring - Float	1
18	235448	Bowl - Fuel	1
19	4710006	Screw - Bowl Retainer	1
20	200372	Gasket - Bowl Ret. Screw	1
21	235277	Rod - Ball Joint	1
22	4520803	Joint - Ball	1
23	X-70-3	Nut - Hex.	1
24	X-391-10	Connector - 90° Hose	1
	2575702	Kit - Carburetor Repair	1
	2575705	Kit - Throttle & Choke Shaft	1

ENGINE KOHLER MODEL NO. K321S SPEC. NO. 60434



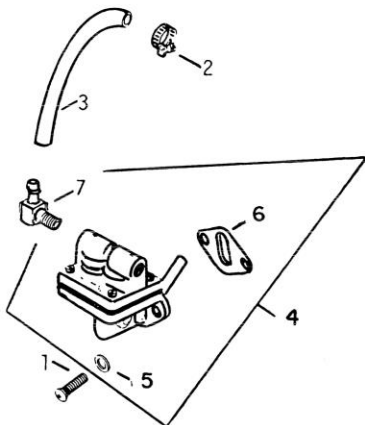
ENGINE KOHLER MODEL NO. K321S SPEC. NO. 60434

Ref. No.	Part No.	Description	No. Used
		CRANKCASE GROUP 7	
1	X-132-6	Screw - H.C.	4
2	X-159-2	Screw - H.C.	4
3	X-230-11	Plug	1
4	4703206	Seal - Front Oil	1
5	4703207	Seal - Rear Oil	1
6	235025	Gasket - Cover	1
7	235026	Cover - Camshaft	1
8	235070	Gasket (A.R.)	1
9	235125-S	Shaft - Governor	1
10	235376	Bearing - Ball	2
11	235757	Gasket - Bearing Plate	1
12	236559	Shaft - Balance Gear Stub	2
13	4515602	Plate - Bearing Block - Cylinder Assembly (Use: Miniblock)	1
14	230265	Insert - Intake	2
15	235007-S	Guide - Valve	2
16	234866	Bearing	1
		CRANKSHAFT GROUP 8	
1	4504303	Gear Assembly	2
2	4703001	Bearing - Needle	2
3	4775501	Kit - Spacer	1
4	X-269-34	Retainer	1
5	4514228	Kit - Crankshaft Incl. Flywheel Hardware	1
		CYLINDER HEAD GROUP 9	
1	4744502	Strap - Lifting	1
2	4704115	Gasket - Head	1
3	237670	Head - Cylinder	1
4	270158	Screw - H.C.	8
5	270721	Screw - H.C.	1
6	270889	Washer	10

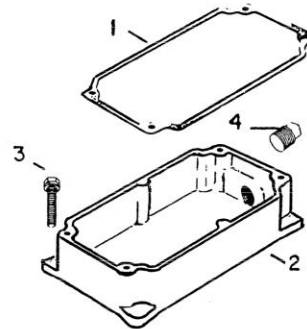
Ref. No.	Part No.	Description	No. Used
		DIPSTICK GROUP 10	
1	X-131-2	Screw - R.H.	3
2	237064	Gasket	1
3	4703816	Dipstick	1
4	4718004	Tube - Oil Fill	1
		ELECTRIC START GROUP 11	
1	X-22-1	Washer Lock	2
2	234948	Screw - H.C.	2
3	4509807	Starter Assembly	1
4	4775507	Kit - Drive	1
5	4775513	Kit - Drive Parts	1
6	237650	Cap - Drive End	1
7	4517002	Armature	1
8	4822704	Cap - Commutator End	1
9	4875515	Kit - Brush	1
10	237649	Thru Bolt w/Washer	2
	5235701	Lubricant Starter	1
		EXHAUST GROUP 12	
1	4107219	Stud	2
2	235122	Gasket - Exhaust	1
		FLYWHEEL GROUP 13	
1	4702528	Flywheel	1
5	X-46-3	Key - Woodruff	1
6	5246815	Washer - Plain	1
7	2508624	Screw - Hex. Machine	1

ENGINE KOHLER MODEL NO. K321S SPEC. NO. 60434

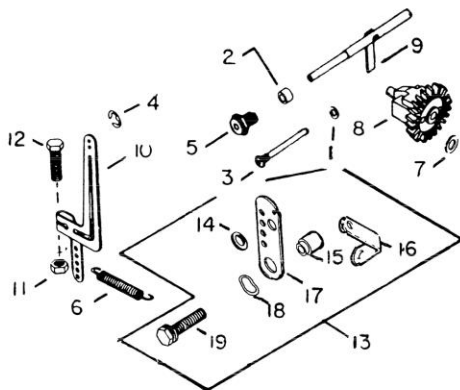
GROUP 14



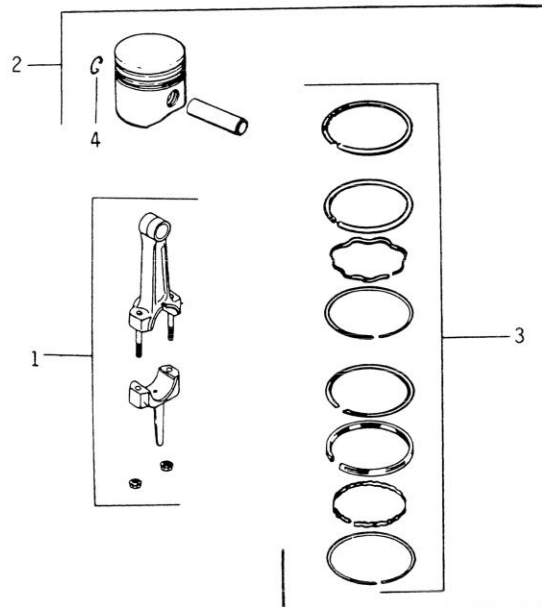
GROUP 21



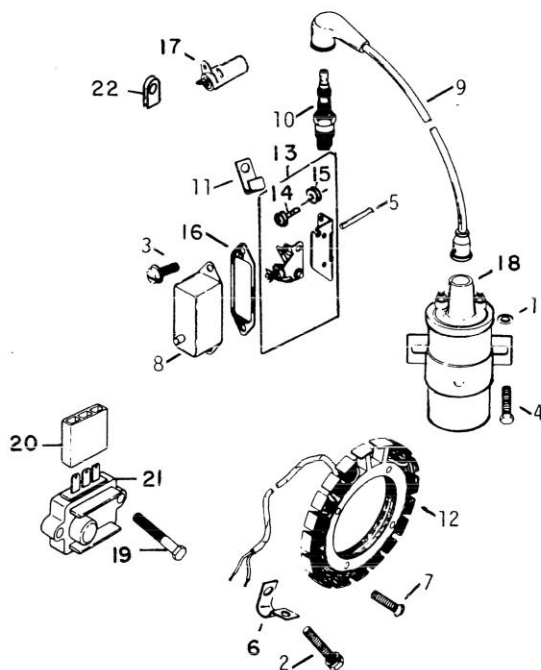
GROUP 17



GROUP 22



GROUP 18



ENGINE KOHLER MODEL NO. K321S SPEC. NO. 60434

Ref. No.	Part No.	Description	No. Used
		FUEL PUMP	
		GROUP 14	
1	X-174-2	Screw - Flat Hd.	2
2	X-426-9	Clamp - Hose	2
3	2535301	Line - Fuel	1
4	4755904	Pump - Fuel Assembly	1
5	X-25-63	Washer - Plain	2
6	2504105	Gasket - Fuel Pump	1
7	2515502	Connector - 90° Hose	2
		GOVERNOR	
		GROUP 17	
1	2546801	Washer - Plain	1
2	X-400-80	Spacer	1
3	231355	Pin - Governor Stop	1
4	235278	Retainer - Rod	1
5	235476	Bushing	1
6	235496	Spring - Governor	1
7	237022	Washer - Thrust	1
8	A-235743S	Gear - Governor	1
9	A-235256S	Kit - Governor Cross Shaft	1
10	A-237653	Lever - Governor Assy.	1
11	X-799-1	Palnut	1
12	X-776-1	Screw	1
13	A-236895	Bracket - Control Assy.	1
14	X-25-63	Washer - Plain	1
15	235085	Spacer	1
16	235084	Bracket	1
17	235086	Bracket	1
18	275690	Washer - Wave	1
19	X-132-9	Screw - Hex. Hd.	1
		IGNITION	
		GROUP 18	
1	X-25-52	Washer - Plain	1
2	X-67-59	Screw - Tapping	1
3	X-131-1	Screw - Flat Hd.	4
4	X-132-2	Screw - Hex. Hd.	2
5	4741104	Rod - Breaker Push	1
6	X-728-1	Clip - Hi-Tension	1
7	X-67-51	Screw - Stator Mounting (After Serial No. 1728100005)	4
8	232535	Cover	1
9	238057	Kit - Hi-Tension Lead	1

Ref. No.	Part No.	Description	No. Used
10	2513202	Plug - Spark	1
11	275303	Clip - Lead	1
12	237878	Kit - Stator	1
13	4715003	Breaker Assembly	1
14	X-141-5	Screw - Round Hd.	2
15	X-25-65	Washer Plain	2
16	5204111	Gasket - Point Cover	1
17	230722	Condenser	1
18	231281	Coil - Ignition	1
19	X-132-5	Screw - Hex. Hd.	2
20	236602	Connector	1
21	2575503	Kit Rectifier - Regulator	2
22	220297	Grommet	1
	A-231533	Lead - Breaker (17"- Gag. Insulated Barrel Eyelet - Uninsulated Barrel Open Side)	1
		OIL PAN	
		GROUP 21	
1	235057	Gasket - Oil Pan	1
2	235147	Base - Oil Pan	1
3	X-159-3	Screw - Hex. Hd.	4
4	X-305-4	Plug - Mag. Drain	1
		PISTON & ROD	
		GROUP 22	
		Connecting Rod Assembly	
	4506724	Connecting Rod (Std.)	1
	4506725	Connecting Rod (.010)	1
	4787421	Piston w/Ring Set (Std.)	1
	4787422	Piston w/Ring Set (.003)	1
	4787423	Piston w/Ring Set (.010)	1
	4787424	Piston w/Ring Set (.020)	1
	4787425	Piston w/Ring Set (.030)	1
	4710805	Ring Set (Std. & .003)	1
	4710806	Ring Set (.010)	1
	4710807	Ring Set (.020)	1
	4710808	Ring Set (.030)	1
	4701801	Retainer, Piston Pin	2
	7752261	Short Block	1
	4778283	Miniblock	1
	4775508	Gasket Set w/Seals	1
	4700401	Gasket Set w/o Seals	1

TORO PART NUMBER INDEX

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
5-1720	Washer	31 13 1	20-4200	Clip - Spring	31 23 2
5-2942	Shackle	25 5 1	20-4230	Pin - Cylinder	31 14 1
6-1600	Solenoid	6 41 1	20-4290	Mat - Drag	25 1 1
10-6830	Stud - Drive Type	15 19 4	20-4670	Assembly - Cable, Drag	29 9 14
10-6830	Stud - Wheel	10 86 8	20-7380	Spike - Blade	26 19 24
10-7070	Key - Square	4 55 1	20-7400	Spacer - End	26 18 4
10-9240	Clamp - Seat	1 12 2	20-9040	Assembly - Frame, L.H.	26 10 1
11-4659	Assembly - Cleaner, Air	7 70 1	20-9050	Assembly - Frame, R.H.	26 * 1
11-9949	Engine - Kohler	3 7 1	20-9140	Assembly - Fork, L.H.	26 1 1
12-5950	Bolt - Battery	6 48 2	20-9150	Assembly - Fork, R.H.	26 * 1
12-8140	Switch	6 11 1	20-9190	Arm - Lift	27 4 1
12-9990	Hour Meter	6 17 1	20-9260	Anchor - L.H.	27 16 1
17-2490	Sprocket	7 63 1	20-9270	Anchor R.H.	27 2 1
17-4710	Hub - Wheel	10 59 2	20-9310	Mount	27 1 1
17-4710	Hub - Wheel	15 20 1	20-9350	Mount - Spring	27 9 4
18-1520	Assembly - Filter, Gas	4 60 1	20-9390	Rod - Actuating	27 11 2
18-6210	Fork	15 28 1	20-9400	Pin - Actuating	27 7 2
18-6270	Mount - Motor, Wheel	15 32 1	20-9410	Tube - Support, Center	27 18 1
18-6290	Shaft - Axle	15 14 1	20-9420	Spring	27 10 2
18-6320	Washer - Steering	15 3	20-9420	Spring - Compression	28 5 2
18-6340	Shaft - Steering	6 44 1	20-9430	Weight	26 4 2
18-6370	Chain	6 46 1	20-9460	Key	26 22 2
18-6380	Pin - Steering, Adjustment	7 61 2	20-9470	Shaft	26 21 2
18-6560	Wire (Solenoid to Starter)	7 55 1	20-9480	Spacer	26 20 20
18-6580	Wire (Hour Meter Ground)	7 58 1	20-9490	Washer	26 17 2
18-6650	Nut - Adjuster	2 35 1	20-9500	Washer	26 23 2
18-6700	Tube - Front	10 74 1	20-9530	Washer - End	26 27 2
18-6710	Tube - Front	10 78 1	20-9540	Key	26 25 2
18-6720	Tube - Rear	10 79 1	20-9550	Spring - Compression	26 3 4
18-6730	Tube - Rear	10 75 1	20-9980	Hub	26 26 2
18-6900	Decal - Toro	26 5 1	20-9990	Nut	27 12 2
18-6900	Decal - Toro	28 10 1	21-4010	Ball Joint	27 13 2
18-7160	Pin	10 87 1	21-5360	Hose (Pump to Reservoir)	10 82 1
18-7170	Bar - Lift	29 37 1	21-5370	Hose (Pump to "T")	10 81 2
18-7220	Bracket - Pivot, L.H.	29 35 1	21-6000	Spiker - Depth Gauge	26 * 1
18-7250	Bracket - Pivot, R.H.	29 41 1	22-4560	Rod - Control	9 15 1
18-7260	Hoop - Wheel, R.H.	29 2 1	22-4600	Bracket - Pivot	9 11 1
18-7280	Mount - Rake	29 38 1	22-4670	Hose (Valve to Cylinder)	10 70 2
18-7310	Pin - Rake	9 50 1	22-8330	Plug	14 1 2
18-7360	Hoop - Wheel, L.H.	29 29 1	22-8340	Spring	14 3 2
18-7380	Rake - Upper, (Center)	29 14 2	22-8350	Ball	14 4 2
18-7420	Rake - Upper, L.H.	29 19 1	22-8360	Pin - Cam	14 6 2
18-7450	Rake - Upper	29 4 1	22-8370	Seat-Check Valve	14 5 2
18-7460	Rake - Bar	29 28 4	22-8380	Retainer - Spring	14 10 2
18-7520	Hoop - Lift	29 13 4	22-8410	Spring	14 11 1
18-7530	Assembly - Ball Joint (Ctr.)	29 40 4	22-8420	Spool	14 8 1
18-7550	Assembly - Ball Joint	29 3 4	22-8480	Ring - Retaining, Spool	14 13 1
18-7570	Weight - Drag	29 10 8	22-8490	Ring - Retaining	14 14 1
18-7590	Weight - Drag (Secondary)	29 17 6	22-8500	O-Ring	14 9 2
18-7650	Weight	29 24 4	23-2680	Arm - Lift	28 19 1
18-7660	Bracket - Swivel	29 21 2	23-2690	Anchor R.H.	28 21 2
18-7830	Wire	7 57 1	23-2710	Mount	28 18 1
18-8000	Mount - Rubber	10 92 3	23-2720	Sleeve - Adjusting	28 24 2
19-2090	Control - Choke	6 15 1	23-2730	Collar - Lock	28 22 2
20-3910	Hitch	24 1 1	23-2740	Pin - Actuating	28 7 2
20-3970	Mount - Pivot	31 20 1	23-2750	Scarifier (43 Fingers)	28 15 1
20-3980	Crank - Bell	31 15 1	23-2760	Mount - Spring	28 6 4
20-4020	Plate - Support, Disk	31 26 1	23-2770	Rod - Actuating	28 8 2
20-4030	Arm - Edger	31 7 1	23-2780	Plow	28 2 1
20-4050	Support - Disk	31 27 1	23-2790	Blade - Scraper	28 9 1
20-4070	Disk - Edger	31 3 1	23-2810	Anchor L.H.	28 16 2
20-4090	Bearing - Disk	31 24 1	23-3010	Scarifier (22 Fingers)	28 * 1
20-4190	Link - Actuator	31 9 1	23-3030	Spacer	14 12 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3315-369

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
23-9740	Filter - Oil	9 36 1	43-5220	Ring - Retaining	13 13 1
24-0760	Cooler - Oil	1 1 1	43-5230	Shaft with Clevis	13 14 1
24-2090	Cap - Wheel, Steering	6 30 1	43-5260	Barrel - w/Clevis & Ports	13 3 1
25-2380	Plate - Thrust	5 39 1	43-8590	Assembly - Head, Filter	9 34 1
25-2390	Plate - Valve	5 40 1	44-1790	Stud - Adjustment	9 44 1
25-2400	Gasket	5 43 1	44-2230	Coupling - Rubber	4 53 1
25-2430	Pin - Straight, Headless	5 41 1	44-2520	Clip - Spring	15 9 1
25-2450	Plate - Swash	5 37 1	44-2670	Hose - Gas	1 26 1
25-2460	Plug	5 14 2	46-3710	Fitting	4 63 1
25-2470	Kit - Shim Pack	5 16 2	46-4810	Rim	15 16 1
25-2480	Spring - Relief, Charge	5 32 1	46-4810	Rim	10 62 2
25-2490	Valve - Check, Ball	5 47 2	46-7510	Hood - Inlet, Air	8 10 1
25-2510	Washer	5 11 2	46-8560	Screw - Flange, Hex. Hd.	2 39 6
25-2530	Pin - Straight, Headless	5 26 1	46-8560	Screw - Self Tapping	3 29 3
25-2560	Cone - Valve, Relief	5 18 1	46-8560	Screw - Self Tapping	10 98 4
25-2560	Cone - Valve, Relief	5 33 1	46-8810	Stop - Leaf Spring	3 20 1
25-2570	Spring - Valve, Relief	5 17 1	46-9130	Spring - Compression	2 34 1
25-2580	Shaft - Trunion	5 12 1	48-1800	Kit - Cylinder Block	5 5 1
25-2620	Valve - By-Pass	5 4 1	49-6470	Pad - Pedal, Forward	2 48 1
25-2630	Ring	5 3 1	49-8470	Kit - Shim-Pack	5 51 2
25-2640	Spring - Valve, Check	5 48 2	49-8480	Shaft - Trunion	5 28 1
25-2650	Plug - Valve, Check	5 50 2	49-8490	Plug - Standard Thread	5 19 1
25-2680	Assembly - Gerator	5 25 1	49-8510	Kit - Valve, Charge Relief	5 * 1
25-2690	Housing - Pump, Charge	5 21 1	49-8520	Kit - Implement Relief	5 * 1
25-3180	Kit - Valve, Check	5 * 1	49-9500	Base - Engine	4 57 1
25-3210	Seal - Lip	5 10 2	49-9550	Pipe - Exhaust	3 9 1
25-3220	Kit - Pump, Charge	5 * 1	49-9570	Rod - Pump	2 33 1
25-3300	Bearing - Needle	5 42 1	49-9580	Bracket - Muffler	1 30 1
25-6260	Wheel - Steering	6 21 1	49-9590	Shield - Rubber	2 38 1
25-8140	Shaft - Steering	6 23 1	49-9600	Hub - Pump	3 13 1
25-8160	U-Joint	6 36 1	49-9620	Dash	6 5 1
26-2810	Pump - Lever	3 28 1	49-9650	Strap - Tank	9 30 1
26-2950	Stand Off - Wire	3 23 1	49-9650	Strap - Tank	1 22 2
26-3790	Nut - Lock	15 18 1	49-9730	Screen - Panel, Dash	6 4 1
26-3790	Nut - Lock	10 61 2	49-9760	Shield	2 42 1
27-1960	Coupling - Engine	3 12 1	49-9770	Shield - Blower	10 96 1
27-5170	Seat	6 31 1	49-9780	Strip - Felt	1 23 2
27-6600	Spacer - Coupling, Rubber	4 51 4	49-9780	Strip - Felt	9 27 1
27-6602	Spacer	22 21 4	49-9790	Tank - Gas	1 19 1
28-0830	Holder - Mat, Drag	25 8 2	49-9850	Hose - Air Intake	3 1 1
28-1070	Tire	15 17 1	49-9930	Shroud - Valve	1 7 1
28-1070	Tire	10 60 2	49-9970	Hose (Pump to Cooler)	10 84 1
29-6120	Plate - Pump	3 21 1	49-9980	Retainer - Shield, Rubber	2 37 1
29-6150	Leaf - Spring	3 31 1	51-0570	Pad - Foot Rest, R.H.	2 49 1
29-6162	Switch - Micro	3 37 1	51-0580	Pad - Foot Rest, L.H.	1 29 1
29-6170	Assembly - Extended Leaf	3 30 1	51-0590	Hose (Pump to Valve)	10 83 1
33-0990	Ammeter	6 8 1	51-0600	Hose (Front Motor)	10 65 1
33-1300	Assembly - Element	8 6	51-0610	Hose (Front Motor)	10 66 1
33-1310	Baffle	8 5 1	51-0620	Tube - Shuttle Valve	10 73 1
33-1320	Assembly - Cup	8 4 1	51-0630	Tube (Cooler to Pump)	10 85 1
33-1330	Assembly - Nut	8 3 1	51-0640	Tube (Front Motor R.H.)	10 80 1
33-1340	Assembly - Clamp	8 2 1	51-0650	Tube (Valve to Cooler)	10 69 1
33-1350	Assembly - Band, Mounting	8 1 2	51-0660	Tube (Front Motor L.H.)	10 67 1
36-4630	S-Link	9 12 1	51-0670	Hose - Fuel Line	4 62 1
36-5370	Shaft - Pump	5 6 1	51-0680	Control - Throttle	6 24 1
37-4700	Spacer	2 44 1	51-0690	Tank - Hydraulic	9 8 1
37-8030	Mount - Pump	3 14 1	51-0700	Muffler	1 8 1
38-3400	Guard - Rubber	10 71 7	51-0710	Wire Harness	7 56 1
39-9600	Clamp - Mounting	6 6 1	51-0720	Decal - Sand Pro 14	7 65 2
42-1910	Plate	30 1 4	51-0730	Decal - Dash	6 10 1
42-1940	Prong - Rake	30 4 40	51-0760	Channel - Seat	1 10 1
43-1730	Body	14 7 1	51-0770	Tube (Filter to Tank)	10 72 1
43-1950	Valve - Control, Hydraulic	9 41 1	51-0780	Slider - Seat	6 34 1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
51-0790	Adjuster - Seat	6	39	1	76-1030	Screw - Cap, Hex. Hd.	16	14	1
51-0900	Box - Litter	15	8	1	76-1040	Screw - Cap, Hex. Hd.	11	14	7
51-0990	Spark Arrestor - Muffler	1	*	1	76-1720	Gasket - Cap, Filler	11	101	1
51-1020	Assembly - Adaptor	3	5	1	76-4660	Spring - Extension	23	7	1
51-1030	Tab - Lock	3	3	1	77-0350	Washer - Thrust, Nylon	22	22	8
51-3150	Shim - Spring Arm	3	24	1	77-5080	Swivel - Drag	29	25	2
51-3160	Trim - Jiffy	10	95	1	77-5090	Plate - Drag (Secondary)	29	18	3
51-3161	Trim - Jiffy	10	97	1	77-5100	Plate - Drag, Main	29	8	4
52-1460	Wire (Battery to Ground)	7	53	1	80-1190	Blade	22	1	1
53-4420	Decal - Gas	1	21	1	80-1210	Block - Mounting	22	7	2
53-4430	Decal - Oil	9	21	1	80-1300	Bolt - Shoulder	23	6	1
53-9360	Kit - Housing	5	8	1	80-1330	Frame W.A.	21	10	1
53-9360	Pump	3	43	1	80-1340	Beam W.A.	21	3	1
53-9470	Hose (Filter to Pump)	10	68	1	80-1350	Bar W.A.	21	9	8
55-4190	Screw - Mach. Hex Hd.	3	2	3	80-1370	Arm - Extension, R.H.	23	9	1
55-4300	Decal - Warning	20	23	2	80-1380	Plate - W.A., R.H.	23	19	1
55-4450	Sponge - Self Adhesive	2	53	1	80-1400	Arm - Extension, L.H.	23	*	1
62-2570	Cap - Breather	9	24	1	80-1410	Plate - W.A., L.H.	23	*	1
62-2610	Assembly - Screen	9	26	1	80-1420	Bracket - W.A., R.H.	22	6	1
62-7400	Decal - Toro	9	28	1	80-1430	Bracket - W.A., L.H.	22	17	1
67-0860	Washer - Flat	20	1	4	80-1460	Rod	23	20	1
67-9480	Washer	23	17	2	80-1470	Spring	23	3	1
68-9700	Cylinder - Hydraulic	10	88	1	80-1500	Frame	1	9	1
70-2770	Head	13	11	1	80-1640	Sweep	21	7	8
70-2780	Piston	13	6	1	80-1680	Bracket - Pivot, L.H.	21	12	1
70-2790	Kit - Repair, Seal	13	*	1	80-1680	Bracket - Pivot, W.A. LH	17	1	1
70-8040	Washer	23	2	1	80-1690	Bracket - Pivot, R.H.	21	15	1
72-9520	Plate - Seat	6	33	1	80-1690	Bracket - Pivot, W.A. RH	17	7	1
74-0720	Tube - Manual	7	74	1	80-1700	Assembly - Sweep	21	16	8
75-9830	Motor - Hydraulic	15	23	1	80-1710	Angle - Support	21	14	1
75-9831	Motor - Wheel, Left Rear	10	56	1	80-1750	Arm - Lift	23	18	1
75-9840	Motor - Wheel, Right Rear	10	*	1	80-1760	Plate - W.A.	23	15	1
76-0800	Kit - Seal	11	*	1	80-1800	Spring - Compression	23	13	2
76-0800	Kit - Seal	12	*	1	80-1820	Channel	22	2	1
76-0800	Kit - Seal	16	*	1	80-1830	Plate - Wear	22	14	2
76-0810	Assembly - Housing	11	*	1	80-1840	Pin	22	19	2
76-0810	Assembly - Housing	12	*	1	80-1850	Handle	22	5	1
76-0810	Assembly - Housing	16	*	1	80-1860	Handle - Upright	22	27	2
76-0820	Link - Drive	11	13	1	80-1890	Spacer	22	26	4
76-0820	Link - Drive	12	13	7	80-1900	Decal - Operating	15	36	1
76-0830	Rotor Set	11	*	1	80-1910	Decal - Lift	2	54	1
76-0830	Rotor Set	12	*	1	80-1920	Decal - Warning	22	24	1
76-0840	Manifold	11	22	1	80-1930	Decal - Latch	23	10	1
76-0840	Manifold	12	22	1	80-2030	Spacer	7	77	1
76-0840	Manifold	16	22	1	80-2040	Hook	17	8	2
76-0850	Bearing - Thrust	11	12	1	80-2050	Bolt - Shoulder	17	10	1
76-0850	Bearing - Thrust	12	12	1	82-4640	Battery - 12 Volt	7	52	1
76-0850	Bearing - Thrust	16	12	1	84-2230	Pivot - W.A.	17	11	1
76-0860	Shaft - Coupling	11	11	1	84-2280	Rake - Finishing	19	12	5
76-0860	Shaft - Coupling	12	11	1	84-2350	Spacer - Long	19	2	2
76-0860	Shaft - Coupling	16	11	1	84-2360	Plate - L.H., Trowel W.A.	19	18	1
76-0870	Plate - Wear	11	18	1	84-2390	Plate - Center, Trowel W.A.	19	5	1
76-0870	Plate - Wear	12	18	1	84-2400	Plate - R.H., Trowel W.A.	19	10	1
76-0870	Plate - Wear	16	18	1	84-2410	Spacer - Short	19	7	2
76-0880	Assembly - Commutator	11	*	1	84-2420	Arm - Lift, W.A.	17	4	1
76-0880	Assembly - Commutator	12	*	1	84-2450	Chain - 4 Links	19	11	6
76-0880	Assembly - Commutator	16	*	1	84-2451	Chain - 5 Links	19	13	4
76-0890	Assembly	11	29	1	84-2452	Chain - 14 Links	18	1	2
76-0930	Link - Drive	16	13	7	84-2550	Trowel - Smooth	19	14	3
76-0940	Assembly - Cover, End	12	24	1	84-2620	Angle - W.A.	17	14	1
76-0940	Assembly - Cover, End	16	24	1	84-2680	Hanger W.A.	18	2	1
76-0950	Rotor Set	16	*	1	84-7870	Wire (Solenoid to Battery)	7	54	1
76-1020	Screw - Cap, Hex. Hd.	12	14	1	84-8100	Battery Clamp	6	49	1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
85-0020	Angle W.A.	20	20	1	251-253	Bearing - w/Collar	26	14	2
85-0070	Bracket W.A. - R.H.	20	*	1	251-254	Bearing	26	24	2
85-0100	Bracket W.A. - L.H.	20	9	1	251-255	Flange	26	15	8
85-0120	Pin	20	5	2	251-259	Bearing	3	35	1
85-0130	Spacer - Spring	20	7	4	252-82	Bearing - Needle	5	9	2
85-0140	Spring - Torsion, L.H.	20	2	2	252-87	Bearing - Needle	5	22	1
85-0150	Spring - Torsion, R.H.	20	8	2	253-44	Seal - Lip	5	23	1
85-0160	Sweep W.A.	20	10	5	254-61	Cup - Bearing	15	5	2
85-0190	Lift Arm W.A.	20	13	2	254-70	Bearing - Cone & Seal	15	4	2
85-0230	Rod - Adjustment	20	17	2	256-10	Bushing	27	6	2
85-0240	Bolt - Shoulder	20	15	2	256-116	Bushing	2	45	2
85-0250	Spacer	20	14	2	256-155	Bushing	2	51	2
85-0260	Block	20	18	2	256-156	Bushing	31	21	2
85-0270	Pin - Lock	20	12	2	256-185	Bushing	1	5	1
85-0280	Rake - Prong	19	17	27	256-234	Bushing	17	3	2
85-6500	Pedal	2	47	1	256-234	Bushing	21	13	2
85-6680	Shield - Engine	15	6	1	256-234	Bushing	29	36	2
218-331	Boot - Battery	7	50	1	256-237	Bushing	28	26	4
218-412	Key	6	12	2	256-245	Bushing	27	3	2
218-515	Bracket - Mounting	6	18	1	256-317	Bushing	23	12	1
222-8	Cap - Gas	1	20	1	257-11	Washer - Thrust	22	18	4
2210-118	Gasket - Exhaust	3	8	1	2710-31	Chain - Link, Connecting	7	62	2
232-35	Stem - Valve	15	15	1	281-3	Plug	9	39	1
232-35	Stem - Valve	10	64	2	283-10	Pin	25	7	1
232-37	Tube - Inner, Tire	15	*	1	283-17	Pin - Clevis	9	16	1
232-37	Tube - Inner, Tire	11	*	2	283-40	Pin - Clevis	28	14	5
233-25	Knob	6	20	1	283-80	Assembly - Lynch Pin	21	4	8
233-33	Knob	9	13	1	283-83	Pin - Clevis	17	9	1
237-22	O-Ring	5	2	1	285-17	Plug - Pipe	5	1	4
237-30	O-Ring	5	44	2	2820-2	Chain	25	4	1
237-42	O-Ring	14	2	2	302-2	Fitting - Grease	13	1	1
237-42	O-Ring	9	19	2	302-11	Fitting - Grease	2	50	1
237-42	O-Ring	3	44	2	321-3	Screw - Cap, Hex. Hd.	6	1	4
237-78	O-Ring	13	2	2	321-4	Screw - Cap, Hex. Hd.	1	18	1
237-78	O-Ring	9	48	2	321-4	Screw - Cap, Hex. Hd.	9	1	4
237-79	O-Ring	3	40	3	321-4	Screw - Cap, Hex. Hd.	29	20	8
237-80	O-Ring	15	24	2	321-4	Screw - Cap, Hex. Hd.	3	32	2
237-80	O-Ring	10	55	4	321-5	Screw - Cap, Hex. Hd.	15	11	2
237-86	O-Ring	5	15	2	321-14	Screw - Cap, Hex. Hd.	9	9	4
237-86	O-Ring	5	49	2	321-31	Screw - Cap, Hex. Hd.	29	27	16
237-88	Grommet	9	6	1	322-1	Screw - Cap, Hex. Hd.	7	71	4
237-95	O-Ring	5	27	1	322-2	Screw - Cap, Hex. Hd.	6	35	8
237-137	O-Ring	3	4	3	322-3	Screw - Cap, Hex. Hd.	7	51	4
242-50	Nut - Lug	15	13	4	322-3	Screw - Cap, Hex. Hd.	1	11	2
242-50	Nut - Wheel	10	63	8	322-4	Screw - Cap, Hex. Hd.	5	24	4
2411-31	Boot - Rubber	29	39	16	322-5	Screw - Cap, Hex. Hd.	29	5	18
2412-31	Clip - Wire, Throttle	4	64	1	322-5	Screw - Cap, Hex. Hd.	2	36	3
2412-37	Assembly - Clamp, Muffler	2	32	1	322-9	Screw - Cap, Hex. Hd.	22	11	2
2412-39	R-Clamp	1	3	2	322-11	Screw - Cap, Hex. Hd.	22	16	2
2412-41	Clamp	2	40	1	322-13	Screw - Cap, Hex. Hd.	22	15	2
2412-44	R-Clamp	4	58	1	322-16	Screw - Cap, Hex. Hd.	4	50	4
2412-70	Clamp	9	2	2	322-17	Screw - Cap, Hex. Hd.	3	36	1
2412-73	Clamp	6	43	1	323-3	Screw - Cap, Hex. Hd.	29	30	2
2412-73	R-Clamp	9	4	1	323-4	Screw - Cap, Hex. Hd.	31	12	1
2412-73	R-Clamp	1	27	1	323-5	Screw - Cap, Hex. Hd.	28	20	4
2412-92	Clamp - Hose	4	67	1	323-5	Screw - Cap, Hex. Hd.	27	21	4
2412-92	Clamp - Hose	7	72	1	323-6	Screw - Cap, Hex. Hd.	3	48	4
2412-108	Clamp - Hose	4	61	3	323-6	Screw - Cap, Hex. Hd.	23	8	1
2412-108	Clamp - Worm Drive	1	25	1	323-6	Screw - Cap, Hex. Hd.	21	11	4
2412-133	R-Clamp	7	75	2	323-6	Screw - Cap, Hex. Hd.	1	4	2
251-8	Bearing - Ball	5	35	1	323-6	Screw - Cap, Hex. Hd.	29	34	4
251-165	Bearing - w/Collar	15	30	1	323-7	Screw - Cap, Hex. Hd.	17	2	4
251-166	Flange - Bearing	15	29	2	323-7	Screw - Cap, Hex. Hd.	19	8	6

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
323-7	Screw - Cap, Hex Hd.	1 16 1	3231-2	Bolt - Carriage	15 31 2
323-7	Screw - Cap, Hex. Hd.	28 11 4	3231-21	Bolt - Carriage	19 9 20
323-7	Screw - Cap, Hex. Hd.	31 18 1	3234-8	Screw - Flange Head	19 6 2
323-7	Screw - Cap, Hex. Hd.	26 28 2	3241-5	Screw - Set, Sq. Hd.	4 54 4
323-7	Screw - Cap, Hex. Hd.	15 35 3	3246-1	Screw - Set	28 23 2
323-8	Screw - Cap, Hex. Hd.	4 59 2	3249-11	Screw - Mach. Rd. Hd.	3 38 2
323-9	Screw - Cap Hex. Hd.	20 4 4	3251-2	Screw - Mach. Rd. Hd.	6 19 2
323-10	Screw - Cap Hex. Hd.	23 4 1	3253-3	Washer - Lock	9 10 2
323-10	Screw - Cap, Hex. Hd.	26 7 4	3253-3	Washer - Lock	29 23 24
323-11	Screw - Cap, Hex Hd.	5 46 4	3253-4	Washer - Lock	3 10 2
323-12	Screw - Cap, Hex. Hd.	9 42 2	3253-4	Washer - Lock	29 11 18
323-12	Screw - Cap, Hex. Hd.	9 29 1	3253-4	Washer - Lock	26 12 8
323-13	Screw - Cap, Hex Hd.	1 14 2	3253-4	Washer - Lock	6 38 6
323-14	Screw - Cap Hex. Hd.	18 3 2	3253-5	Washer - Lock	3 49 6
323-14	Screw - Cap Hex. Hd.	19 4 2	3253-7	Washer - Lock	21 2 2
323-14	Screw - Cap, Hex. Hd.	26 6 4	3253-7	Washer - Lock	31 5 3
323-16	Screw - Cap Hex. Hd.	22 3 4	3253-7	Washer - Lock	22 8 4
323-29	Screw - Cap, Hex. Hd.	25 11 4	3253-7	Washer - Lock	3 16 2
323-51	Bolt - Plow	21 8 8	3253-7	Washer - Lock	29 32 4
325-2	Screw - Cap, Hex. Hd.	31 17 1	3253-7	Washer - Lock	9 53 8
325-4	Screw - Cap, Hex. Hd.	31 25 1	3253-17	Washer - Lock	6 40 1
325-5	Screw - Cap, Hex. Hd.	31 4 1	3253-21	Washer - Lock	28 3 12
325-5	Screw - Cap, Hex. Hd.	29 31 4	3253-21	Washer - Lock	26 8 6
325-6	Screw - Cap Hex. Hd.	22 9 4	3253-21	Washer - Lock	25 9 4
325-7	Screw - Cap, Hex. Hd.	3 41 2	3253-21	Washer - Lock	29 15 14
325-8	Screw - Cap, Hex. Hd.	27 22 1	3253-21	Washer - Lock	31 16 2
325-10	Screw - Cap, Hex. Hd.	15 33 4	3253-21	Washer - Lock	27 20 4
325-10	Screw - Cap, Hex. Hd.	10 57 8	3253-21	Washer - Lock	15 27 5
325-15	Screw - Cap Hex. Hd.	21 1 2	3253-21	Washer - Lock	10 93 2
3210-7	Screw - Cap, Hex. Hd.	3 34 1	3253-29	Washer - Lock	30 3 40
3217-5	Nut - Hex.	29 22 24	3253-29	Washer - Lock	19 16 27
3217-6	Nut - Hex	3 11 2	3254-1	Washer - Lock	6 7 2
3217-6	Nut - Hex	29 12 18	3254-1	Washer - Lock, Ext. Tooth	6 27 1
3217-6	Nut - Hex.	26 11 8	3254-6	Washer - Lock	6 14 1
3217-7	Nut	19 15 27	3254-9	Washer - Lock, Int. Tooth	3 18 2
3217-7	Nut - Hex	15 26 5	3255-17	Washer - Lock	6 25 2
3217-7	Nut - Hex	4 56 2	3256-3	Washer - Flat	19 3 2
3217-7	Nut - Hex	10 94 2	3256-3	Washer - Flat	18 4 2
3217-7	Nut - Hex.	30 2 40	3256-3	Washer - Flat	17 6 2
3217-7	Nut - Hex.	28 4 12	3256-3	Washer - Flat	20 22 4
3217-7	Nut - Hex.	25 10 4	3256-7	Washer - Flat	31 2 1
3217-7	Nut - Hex.	29 16 12	3256-14	Washer - Flat	7 68 3
3217-7	Nut - Hex.	31 19 1	3256-14	Washer - Flat	10 91 6
3217-9	Nut - Hex	3 15 2	3256-21	Washer - Flat	6 9 2
3217-9	Nut - Hex	9 52 4	3256-22	Washer - Flat	6 2 6
3217-9	Nut - Hex.	27 8 4	3256-22	Washer - Flat	15 12 2
3217-9	Nut - Hex.	20 16 2	3256-22	Washer - Flat	29 26 8
3217-11	Nut - Hex.	28 25 6	3256-22	Washer - Flat	4 65 1
3217-16	Nut - Hex	3 17 2	3256-23	Washer - Flat	29 7 42
3217-26	Nut - Hex	6 28 1	3256-23	Washer - Flat	2 41 3
3218-2	Nut - Hex. Jam	22 20 2	3256-23	Washer - Flat	4 52 4
3218-2	Nut - Jam	9 14 1	3256-23	Washer - Flat	7 73 2
3218-3	Nut - Hex. Jam	23 5 1	3256-24	Washer - Flat	26 9 12
3218-4	Nut - Jam	2 43 2	3256-24	Washer - Flat	28 17 8
3218-13	Nut - Hex	6 37 4	3256-24	Washer - Flat	1 31 2
3219-2	Nut - Hex	3 22 1	3256-24	Washer - Flat	15 34 3
3219-3	Nut - Hex	6 16 1	3256-24	Washer - Flat	10 89 3
3219-3	Nut - Hex	9 46 1	3256-25	Washer - Flat	17 15 1
3219-14	Nut - Hex	7 66 10	3256-25	Washer - Flat	3 26 1
3230-1	Bolt - Carriage	26 13 8	3256-26	Washer	20 19 2
3230-2	Bolt - Carriage	22 23 8	3256-26	Washer - Flat	31 6 2
3230-4	Bolt - Carriage	22 12 4	3256-26	Washer - Flat	17 13 2
3231-2	Bolt - Carriage	20 11 10	3256-26	Washer - Flat	27 19 2

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3256-26	Washer - Flat	23	22	1	3296-39	Nut - Lock	21	5	4
3256-26	Washer - Flat	29	33	4	3296-42	Nut - Lock	9	5	6
3256-69	Washer - Flat	23	14	2	3296-42	Nut - Lock	3	19	2
3257-32	Key - Woodruff	5	7	1	3296-42	Nut - Lock	1	28	1
3257-32	Key - Woodruff	3	47	1	3296-44	Nut - Lock	1	15	4
3257-42	Key - Woodruff	12	17	1	3296-44	Nut - Lock	22	25	4
3257-42	Key - Woodruff	16	17	1	3296-44	Nut - Lock	9	31	1
3257-42	Key - Woodruff	15	22	1	3296-48	Nut - Lock	17	16	1
3257-42	Key - Woodruff	10	58	2	32103-12	Wing - Nut	6	47	2
3257-42	Key - Woodruff	11	17	1	32104-42	Screw - Hex Hd. Self Tap.	4	66	1
3258-19	Screw - Mach. Rd. Hd.	8	7		32104-42	Screw - Self Tapping	6	42	2
3272-2	Pin - Cotter	31	8	1	32104-76	Screw - Self Tapping	1	6	2
3272-4	Pin - Cotter	2	46	1	32104-76	Screw - Self Tapping	7	69	3
3272-4	Pin - Cotter	9	37	1	32104-111	Screw - Pan Hd.	9	25	6
3272-7	Pin - Cotter	27	15	2	32107-11	Nut - Square	8	8	
3272-7	Pin - Cotter	31	22	1	32108-39	Screw - Flat Hd.	28	1	4
3272-10	Pin - Cotter	29	6	28	32115-11	Retainer - Nut, Tinnerman	15	10	2
3272-11	Pin - Cotter	28	13	3	32120-11	Ring - Retaining	5	36	1
3272-12	Pin - Cotter	17	12	1	32120-15	Ring - Retaining	5	34	1
3272-12	Pin - Cotter	20	21	2	32121-6	Pin - Roll, Slotted	7	64	1
3272-12	Pin - Cotter	23	21	1	32121-10	Pin - Roll, Slotted	6	22	1
3272-13	Pin - Cotter	27	5	2	32121-16	Pin - Roll	3	39	1
3272-16	Pin - Cotter	3	25	1	32121-16	Pin - Roll, Slotted	6	45	1
3272-18	Pin - Cotter	20	6	4	32121-24	Pin - Roll	3	27	1
3272-23	Pin - Cotter	9	49	3	32121-84	Pin - Roll, Slotted	6	29	1
3272-37	Pin - Cotter	15	1	1	32121-91	Pin - Spring, Coiled	5	38	3
3290-54	Rivet - Pop	15	7	2	32122-35	Screw - Machine Screw	25	3	1
3290-134	Screw - Mach. Hex. Hd.	9	43	6	32122-54	Screw - Truss Head	23	16	2
3290-250	Pin - Hair, Cotter	25	6	1	32128-20	Nut - Lock	7	67	4
3290-250	Pin - Hair, Cotter	31	10	1	32128-21	Nut - Flange Head	19	1	30
3290-256	Pin - Hair, Cotter	31	11	2	32128-21	Nut - Flange Head	18	5	2
3290-256	Pin - Hair, Cotter	9	51	1	32136-3	Nut - Slotted	27	14	2
3290-355	Pin - Hair, Cotter	22	4	2	32136-9	Nut - Hex., Slotted	15	2	1
3290-355	Pin - Hair, Cotter	28	12	2	32144-11	Screw - Self Tap. Hex. Hd.	9	3	1
3290-357	Nut - Flange	19	19	27	32144-11	Screw - Self Tapping	6	13	2
3290-357	Nut - Flange	2	52	2	32151-44	Retaining - Ring	26	16	2
3290-378	Cable Tie	7	*	3	32151-46	Ring - Retaining	5	13	2
3290-378	Tie - Cable	10	99	1	32152-2	Nut - Lock	21	6	8
3290-379	Tie - Cable	10	100	2	32152-10	Nut	13	4	1
3290-495	Pin - Klix	22	10	2	353-212	Fitting - 45°	9	40	2
3296-4	Nut - Lock	7	60	2	353-370	Elbow - 90° Adj.	3	42	1
3296-5	Nut - Lock	29	1	16	353-372	Fitting - 90°	1	2	2
3296-5	Nut - Lock	1	17	1	353-374	Elbow - 90° Adj.	3	45	1
3296-5	Nut - Lock	9	45	2	353-424	"T Fitting	10	76	2
3296-12	Nut - Lock	6	26	2	353-425	"T Fitting	10	77	2
3296-12	Nut - Lock	10	90	6	353-426	Fitting 90°	9	54	4
3296-16	Nut - Lock	6	3	4	353-427	Fitting - 45°	15	25	2
3296-17	Nut - Lock	23	11	5	353-431	Fitting - 45°	9	47	2
3296-23	Nut - Lock	23	1	1	353-506	Fitting - Adapter, Male	9	35	1
3296-25	Nut - Lock	27	17	1	353-510	Fitting - 45°	9	32	1
3296-25	Nut - Lock	15	21	4	353-511	Elbow - 90° Adj.	3	46	1
3296-29	Nut - Lock	25	2	1	353-511	Fitting - 90°	9	18	1
3296-29	Nut - Lock	1	13	5	353-533	Fitting - 90°	9	7	1
3296-29	Nut - Lock	22	13	18	353-535	Fitting - 45°	9	33	1
3296-29	Nut - Lock	6	32	10	353-711	Fitting - Straight	1	24	1
3296-29	Nut - Lock	3	33	5	353-877	Fitting - Swivel	9	38	1
3296-33	Nut - Lock	31	1	1	353-961	Adapter - Flange	9	22	1
3296-39	Nut - Lock	26	2	4	353-962	Spring & Chain Assembly	9	23	1
3296-39	Nut - Lock	20	3	16	353-963	Gasket	9	20	2
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*Not Illustrated

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 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 Sand Pro 14 has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the left fender. In any correspondence concerning the Sand Pro 14, 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 Sand Pro 14.
2. Part number, description, and the quantity of part(s) desired.

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

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