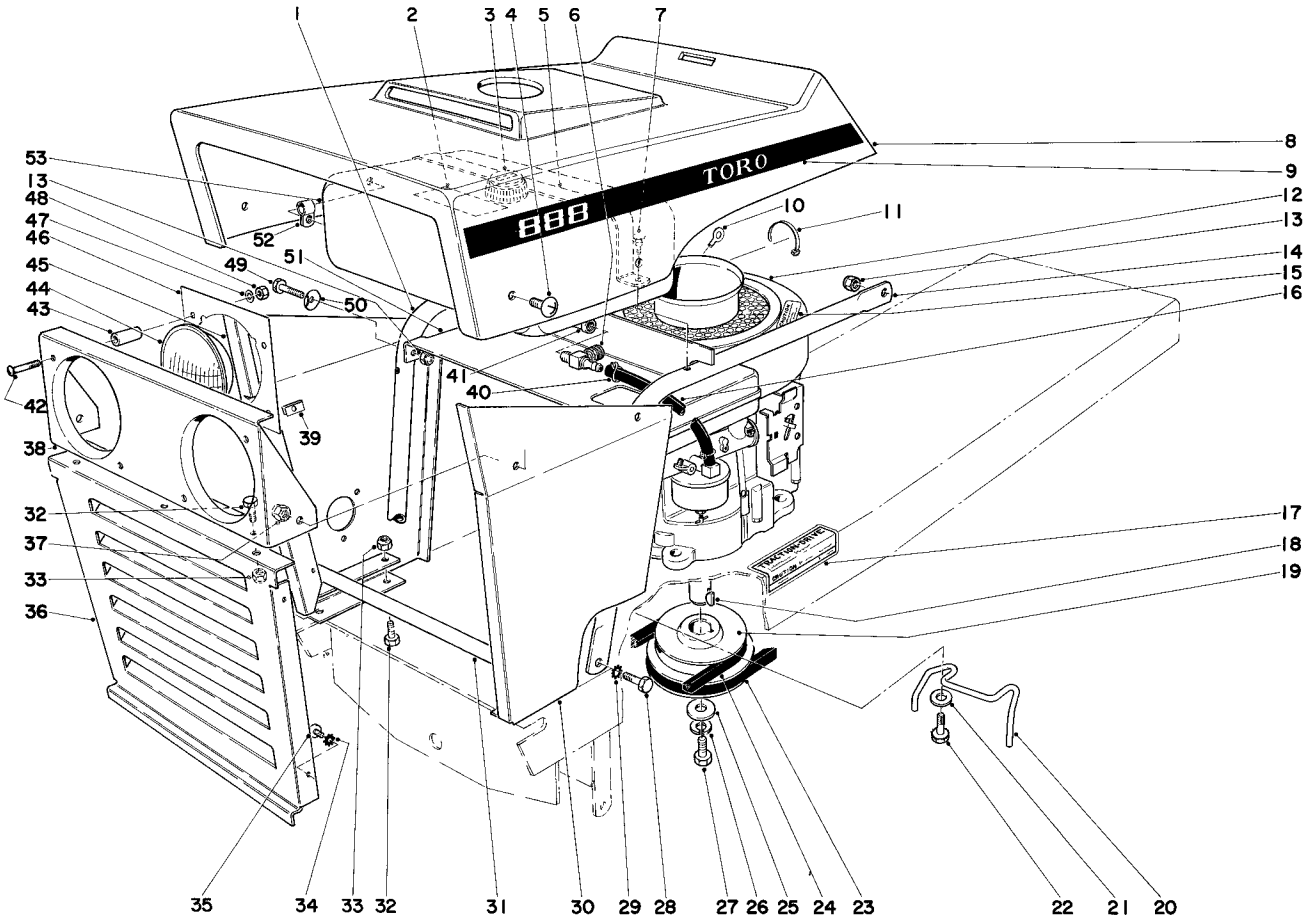
1972 FORM NO. 3310–245

TORO®

MODEL NO. 55275–200001 & UP (Traction Unit)
MODEL NO. 55233–200001 & UP (Cutting Unit)

PARTS CATALOG

8 H.P. LAWN TRACTOR TOROMATIC®
(Electric)



HOOD AND ENGINE ASSEMBLY

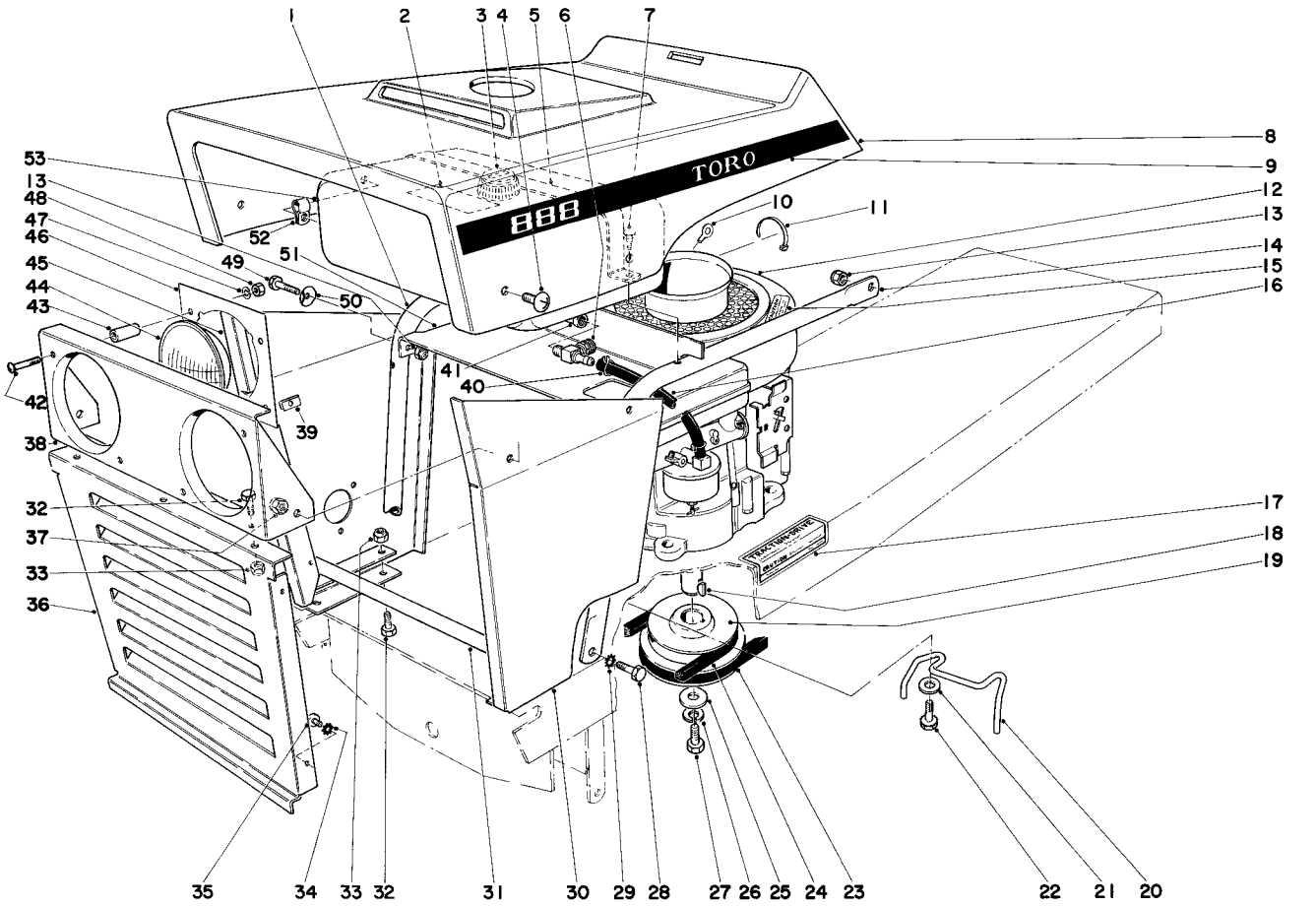
Ref. No.	Part No.	Description	No. Used
1	7-7570	Support - R.H.	1
2	7-4600	Decal - Gas Tank	1
3	12-0580	Gas Cap Assembly	1
4	3258-158	Screw Rd. Hd. Phillips	4
5	17-1150	Hold Down - Gas Tank	1
6	7-7260	Valve - Gas Shut-Off	1
7	32104-76	Hex Hd. Self Tapping Screw	2
8	7-7890	Hood	1
9	12-4220	Decal Hood L.H.	1
*	12-4230	Decal Hood R.H.	1
10	218-445	Terminal Closed End	2
11	7-3123	Cable Tie	2
12	221-376	Engine	1
13	32152-4	Locknut	3

Ref. No.	Part No.	Description	No. Used
14	7-7560	Support Left	1
15	11-3450	Decal - Caution	1
16	7-3983	Hose Gas	1
17	12-4070	Decal - Traction Drive	1
18	3257-3	Woodruff Key	1
19	7-7550	Pulley	1
20	7-8710	Guide - Belt	1
21	3256-2	Washer	2
22	32140-15	Self Tapping Screw	2
23	7-9390	V-Belt Traction D K	1
24	7-4231	V-Belt	1
25	3256-4	Flat Washer	1
26	3253-21	Lockwasher	1
27	3211-5	Capscrew	1

*Not Illustrated

Copyright 1972 By
The Toro Company
Bloomington, Minnesota 55420 U.S.A.

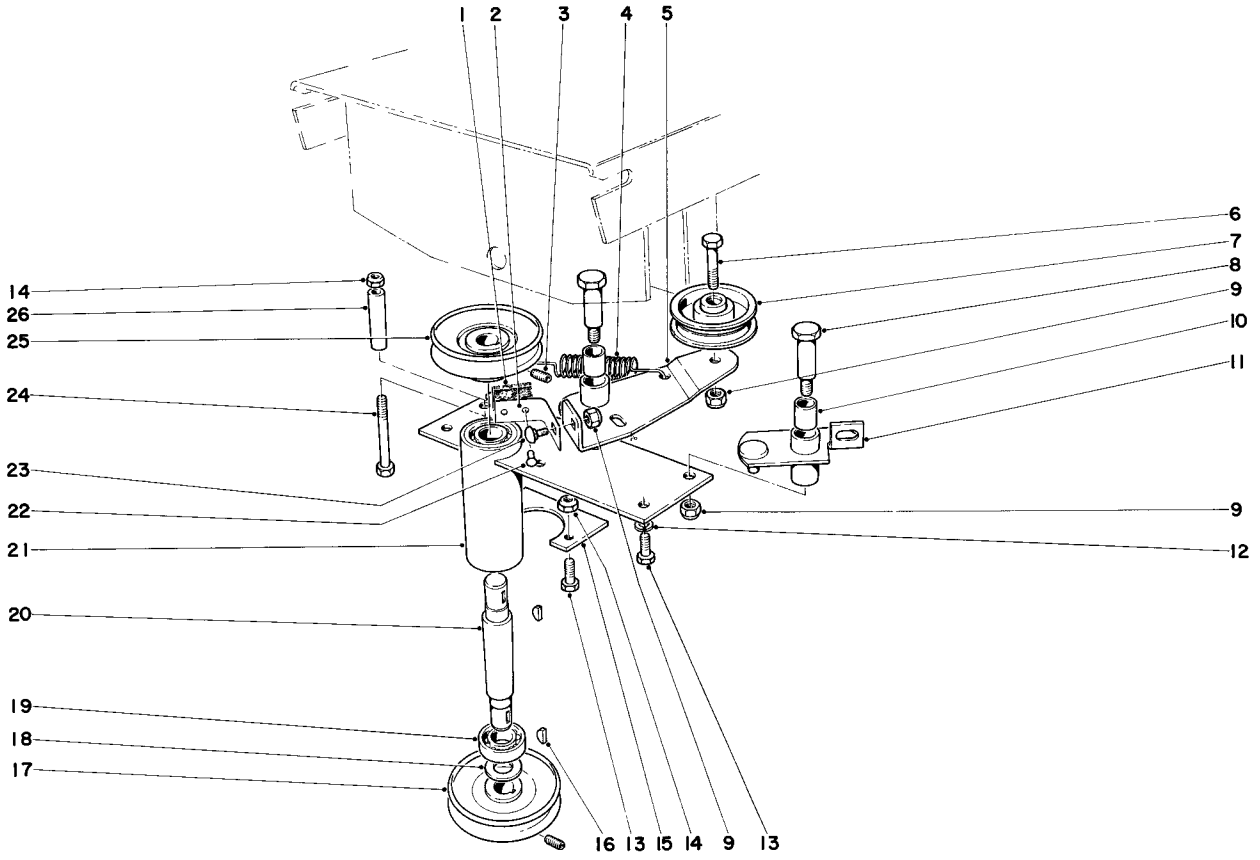
Price $1.00



HOOD AND ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
28	322-3	Capscrew	2
29	3255-8	Washer Ext. Tooth	2
30	7-5310	Skin - Left Front	1
31	7-4106	Hinge	1
32	321-2	Capscrew	7
33	32152-4	Locknut	7
34	3255-17	Lockwasher	4
35	3290-111	Screw Pan Head	4
36	12-3850	Grille	1
37	32152-1	Locknut	4
38	7-4213	Headlamp Panel	1
39	3290-191	Tinnerman Clip	4
40	2412-33	Clamp - Gas Line	2

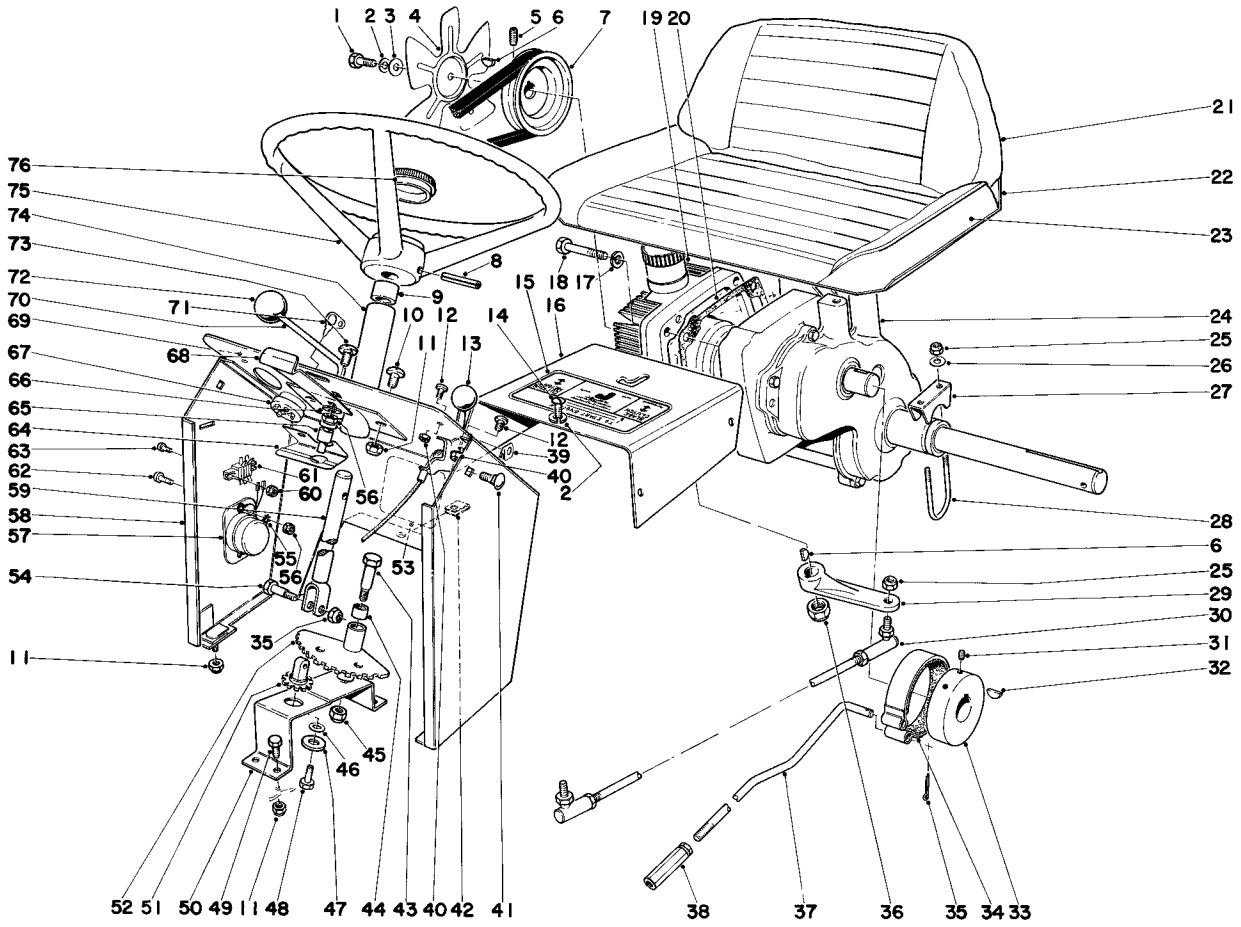
Ref. No.	Part No.	Description	No. Used
41	7-8180	90° Elbow w/screen	1
42	32122-45	Screw Rd. Hd. Phillips	4
43	7-4254	Spacer	4
44	7-1646	Headlamp	2
45	7-7880	Skin - Right Front	1
46	7-4320	Holder - Headlight	2
47	3253-12	Lockwasher	4
48	3217-26	Nut	4
49	321-8	Capscrew	2
50	3-7501	Washer Curved	2
51	7-7920	Tray Gas Tank	1
52	2412-10	Clamp	1
53	17-1130	Gas Tank	1



POWER TAKE-OFF ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	7-0643	Brake Lining	1
2	7-4093	Spring-Power Take-Off Brake	1
3	3246-1	Set Screw	4
4	7-3970	Spring Tension	1
5	7-4190	Idler Plate	1
6	323-3	Capscrew	1
7	3-4244	Idler Pulley	1
8	12-7610	Shoulder Bolt	2
9	32152-2	Locknut	4
10	256-172	Bushing	2
11	7-4094	Pivot Bracket (Incl. Ref. #10)	1
12	3253-4	Lockwasher	3
13	322-2	Capscrew	5

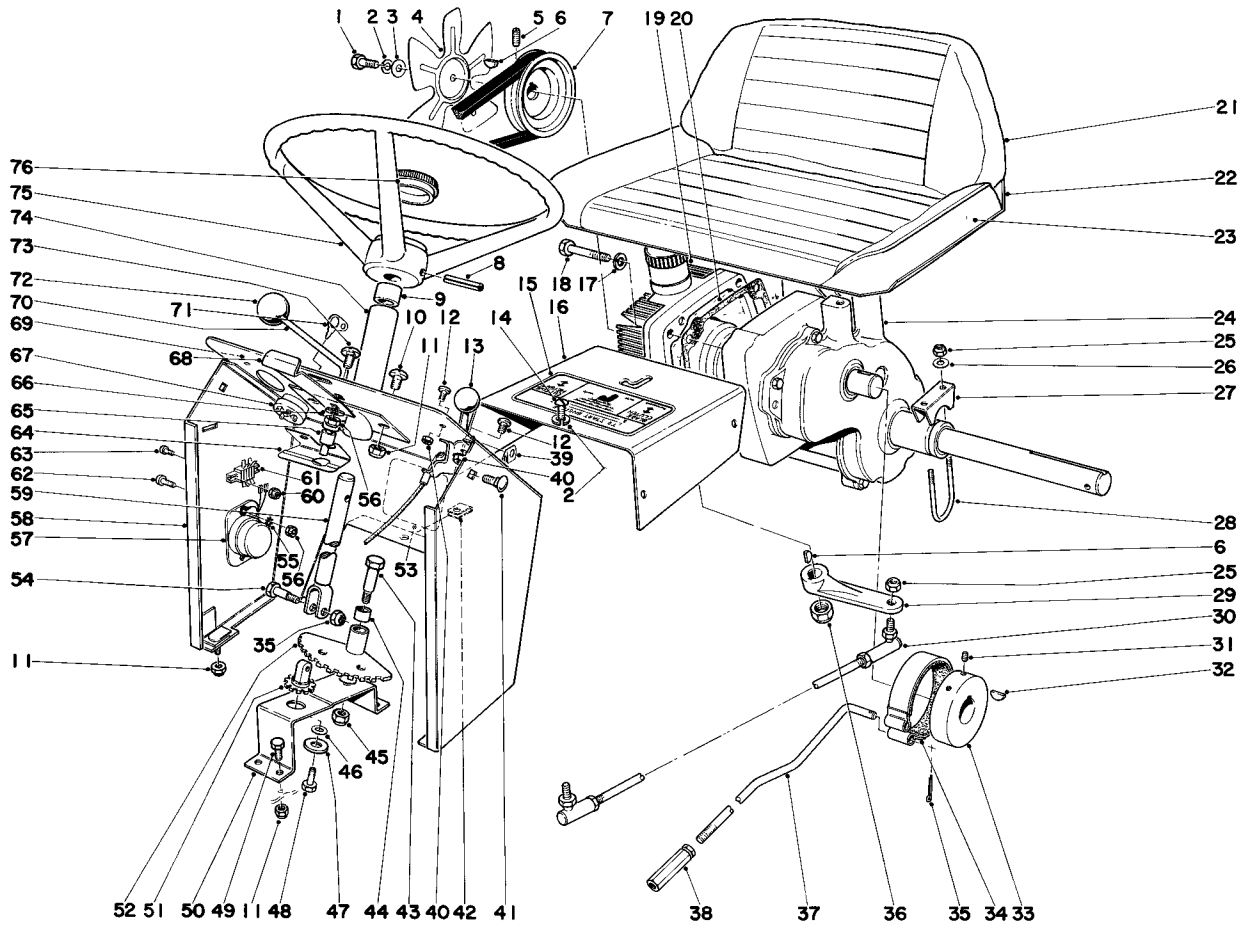
Ref. No.	Part No.	Description	No. Used
14	32152-1	Locknut	3
15	7-8230	Retainer, Power Take-Off Tube	1
16	3257-5	Key	2
17	7-4096	Pulley	1
18	7-0777	Washer Bearing	1
19	251-5	Bearing	2
20	7-4095	Shaft-Power Take-Off	1
21	7-8210	Power Take-Off Tube	1
22	3295-21	Pop Rivet	2
23	3231-21	Carriage Bolt	1
24	322-12	Capscrew	1
25	7-3796	Pulley	1
26	7-4097	Spacer	1



DASH AND TRANSAXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	321-3	Capscrew	1
2	3253-3	Lockwasher	6
3	3256-2	Flatwasher	1
4	7-4226	Fan	1
5	3245-2	Setscrew	2
6	3257-1	Woodruff Key	2
7	7-4142	Pulley	1
8	32121-78	Roll Pin	1
9	256-167	Bushing	1
10	3258-158	Screw, Round Head	2
11	32152-1	Locknut	8
12	3290-305	Screw, Pan Head	6
13	7-5370	Throttle Control	1
14	3258-2	Screw, Round Head	5
15	12-4080	Decal	1
16	7-7580	Tunnel	1
17	3253-21	Lockwasher	4
18	323-14	Capscrew	4
19	7-7940	Hydrostatic Transmission	1
20	7-4313	Gasket	1
21	351-49	Cushion Seat Back	1
22	351-51	Frame - Seat	1
23	351-50	Seat Cushion	1

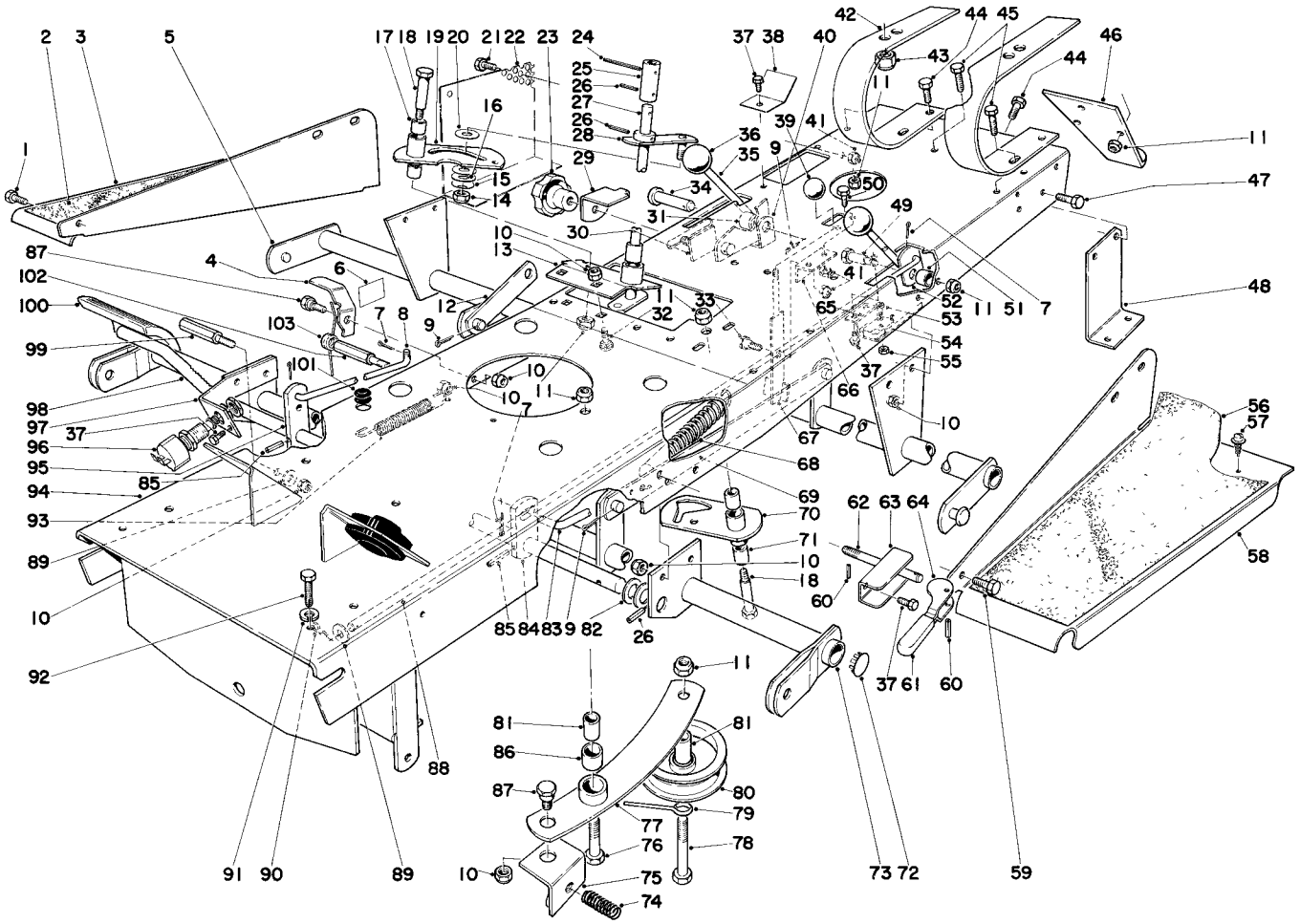
Ref. No.	Part No.	Description	No. Used
24	7-4224	Transaxle	1
25	32152-5	Locknut	6
26	3256-3	Flatwasher	4
27	7-0203	Bracket, Axle	2
28	7-0202	U-Bolt	2
29	7-4176	Lever Hydrostatic	1
30	7-4184	Control Rod - Transmission	1
31	3246-4	Set Screw	1
32	3257-5	Woodruff Key	1
33	7-4276	Brake Drum	1
34	7-3876	Brake - Band Assembly	1
35	3272-6	Cotter Pin	1
36	32152-2	Locknut	1
37	7-4275	Brake Rod Rear	1
38	7-4193	Screw Brake Adjustment	1
39	12-5440	Strap Cable Tie	1
40	32149-7	Nut	6
41	3229-1	Carriage Bolt	2
42	3290-192	Tinnerman Clip	5
43	7-5500	Shoulder Bolt	1
44	256-100	Bushing	2
45	3296-6	Nut	1
46	7-5990	Spacer	1



DASH AND TRANSAXLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
47	7-6640	Washer	1
48	321-30	Capscrew	1
49	322-3	Capscrew	4
50	7-4148	Bracket Mounting Steering Sector	1
51	7-6000	Pinion Steering	1
52	7-5920	Gear Steering (Incl. Ref. #44)	1
53	12-2900	Decal - Caution	1
54	7-6010	Shoulder Screw	1
55	3255-7	Washer Ext. Tooth Lock	2
56	32152-4	Locknut	3
57	12-7810	Ignition Interlock	1
58	12-7640	Dash	1
59	7-5960	Steering Shaft	1
60	3296-52	Locknut	2
61	12-6730	Terminal Block	1

Ref. No.	Part No.	Description	No. Used
62	3290-145	Screw, Pan Head	2
63	3290-93	Screw, Pan Head	2
64	7-4180	Spring - Detent	1
65	256-172	Bushing	2
66	3256-22	Washer	1
67	7-5240	Switch Ignition	1
68	7-5080	Latch Hood	1
69	7-8390	Decal-Dash	1
70	7-4178	Handle Hydrostatic Control (Incl. Ref. #65)	1
71	218-412	Key (Set of 2)	1
72	233-24	Knob	1
73	3229-23	Carriage Bolt	1
74	7-4038	Steering Tube (Incl. Ref. #9)	1
75	238-5	Steering Wheel	1
76	7-4323	Steering Wheel Cap	1

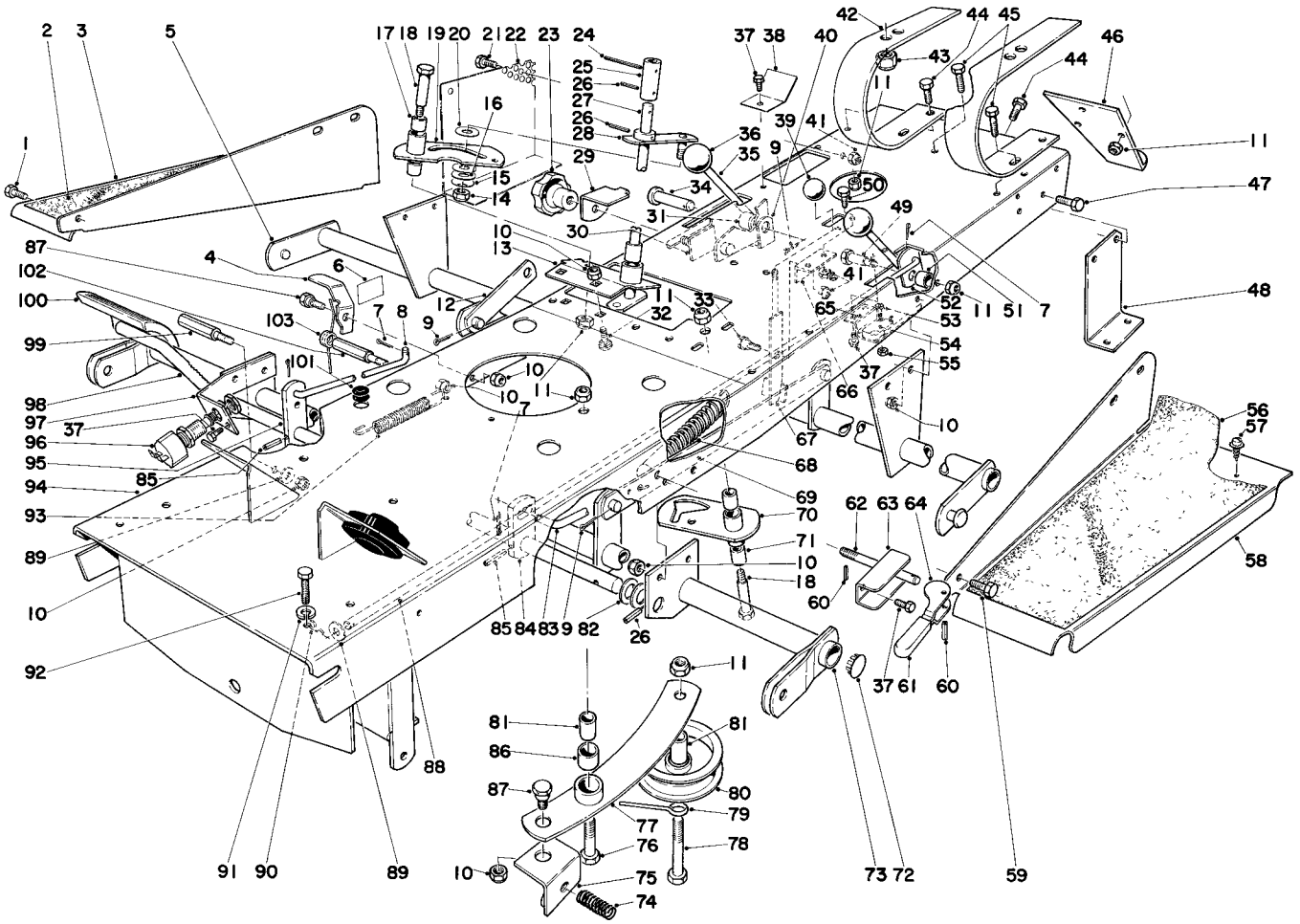


FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322-4	Capscrew	1
2	7-4128	Pad, Right Hand	1
3	7-4033	Footrest, Right Hand	1
4	12-8750	Latch	1
5	7-5770	Cross Tube	1
6	12-4020	Decal Brake	1
7	3272-6	Cotter Pin	4
8	7-4185	Link Neutralizer	1
9	3272-7	Cotter Pin	5
10	32152-1	Locknut	10
11	32152-2	Locknut	10
12	7-4195	Link Lift	1
13	7-4166	Bracket-Control	1
14	3296-44	Locknut	1
15	3290-301	Spring Washer	1
16	3256-4	Flatwasher	1
17	256-206	Bushing	2
18	12-7610	Shoulder Bolt	2
19	7-4164	Cam Plate (Incl. Ref. #17)	1
20	7-4182	Washer Friction	2
21	321-2	Capscrew	2
22	7-4460	Fan Guard Slide	1
23	7-3902	Knob Height Adjustment	1
24	32121-82	Roll Pin	1
25	7-4181	Sleeve Handle	1
26	32121-45	Roll Pin	4
27	7-4172	Handle Hydrostatic Control Lower	1

Ref. No.	Part No.	Description	No. Used
28	7-4160	Control Crank	1
29	7-4098	Slide	1
30	17-1170	Knob Plate	1
31	7-4237	Spacer	1
32	3230-1	Carriage Bolt	2
33	7-7850	Shoulder Bolt	1
34	7-4265	Pin	1
35	7-4076	Lever	1
36	233-24	Knob	2
37	32140-32	Screw	5
38	7-5900	Shield Fan	1
39	233-17	Knob - Hydro Release	1
40	7-4245	Support Height of Cut Lever	1
41	32152-4	Locknut	4
42	7-7620	Spring Seat	2
43	32152-3	Locknut	2
44	323-4	Capscrew	5
45	3235-1	Capscrew	3
46	7-4032	Hitch	1
47	322-2	Capscrew	4
48	7-4187	Axle Support L.H.	1
*	7-4470	Axle Support R.H.	1
49	7-4071	Shoulder Bolt	1
50	321-3	Capscrew	2
51	7-4070	Spacer	1
52	7-4073	Lever	1
53	3290-93	Screw Pan Head	2
54	12-3320	Micro Switch	1

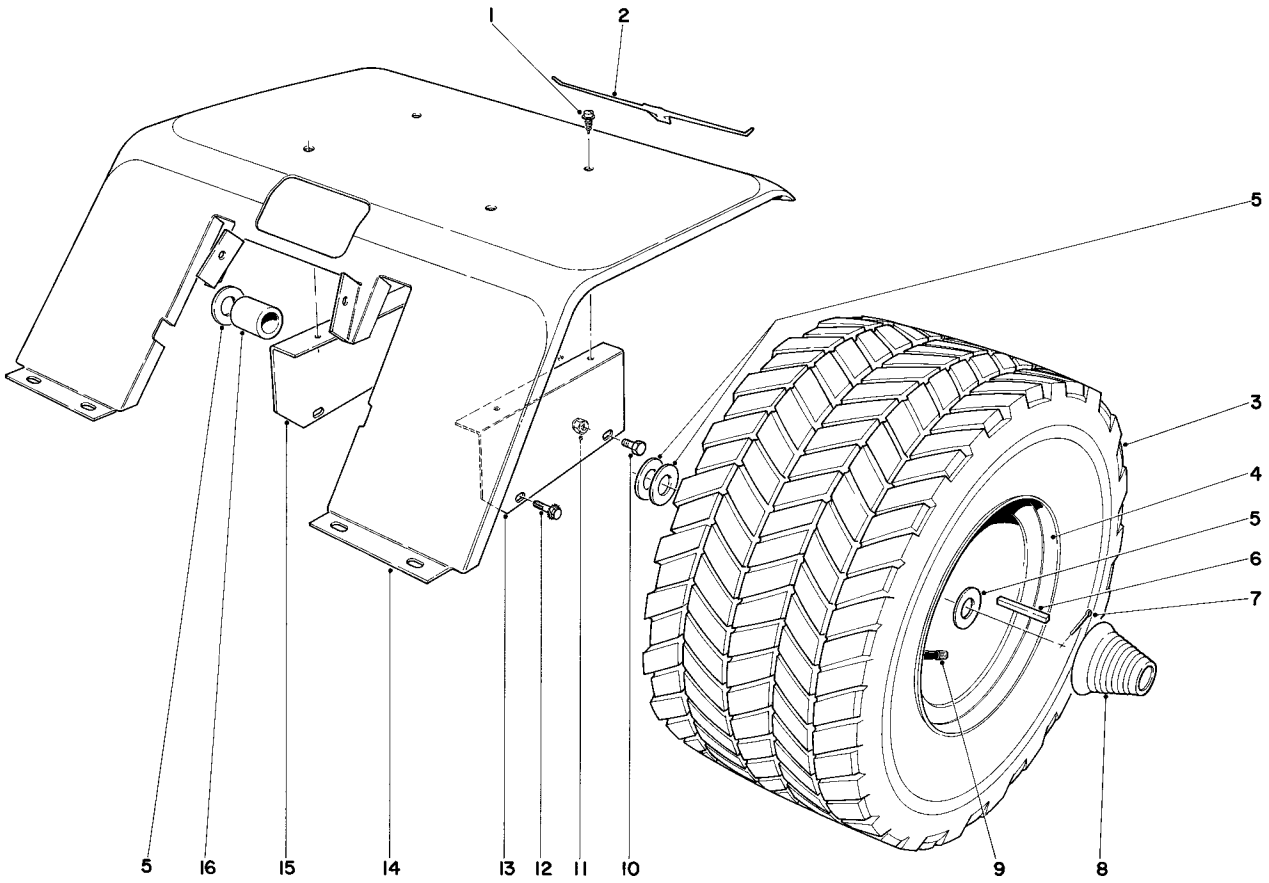
*Not Illustrated



FRAME ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
55	3296-52	Locknut	2
56	7-4130	Pad Left	1
57	32104-77	Self Tapping Screw	4
58	7-4034	Footrest	1
59	322-6	Capscrew	5
60	32121-73	Roll Pin	2
61	7-6560	Handle Grip	1
62	7-6540	Adjustment Rod	1
63	7-5850	Retainer Idler	1
64	7-5780	Idler Crank	1
65	12-6880	Bracket Switch	1
66	7-7840	Bracket Pivot	1
67	7-7800	Drive Lever	1
68	7-4292	Spring Tension Counterbalance	1
69	7-4052	Lift Equalizer	1
70	7-4170	Plate Neutralizer (Incl. Ref. #71)	1
71	256-172	Bushing	2
72	2410-26	Plug Button	4
73	7-4022	Cross Tube Front	1
74	7-5840	Spring Compression	1
75	7-5860	Swivel Bracket	1
76	323-8	Capscrew	1
77	7-5830	Idler Bracket (Incl. Ref. #86)	1
78	323-13	Capscrew	1

Ref. No.	Part No.	Description	No. Used
79	7-6530	Belt Retainer	1
80	7-4660	Idler Pulley	1
81	7-6550	Spacer Idler	2
82	3256-27	Flatwasher	3
83	7-4277	Brake Rod Front	1
84	7-4278	Lever Brake	1
85	32121-51	Roll Pin	2
86	256-173	Bushing	1
87	12-1450	Shoulder Bolt	2
88	7-4196	Rod Clutch	1
89	3256-3	Flatwasher	2
90	3290-307	Hair Pin Cotter	1
91	3253-4	Lockwash	2
92	32104-28	Self Tapping Screw	2
93	7-4291	Spring Pedal Return	1
94	12-3920	Frame	1
95	7-4183	Pedal Crank Neutralizer	1
96	12-6770	Neutral Switch	1
97	12-8420	Bracket Switch	1
98	12-6850	Pedal	1
99	7-3668	Pedal Stop	1
100	7-3900	Pad Brake Pedal	1
101	237-62	Grommet	2
102	7-4590	Stop Pedal	1
103	17-1030	Spring - Brake Latch	1

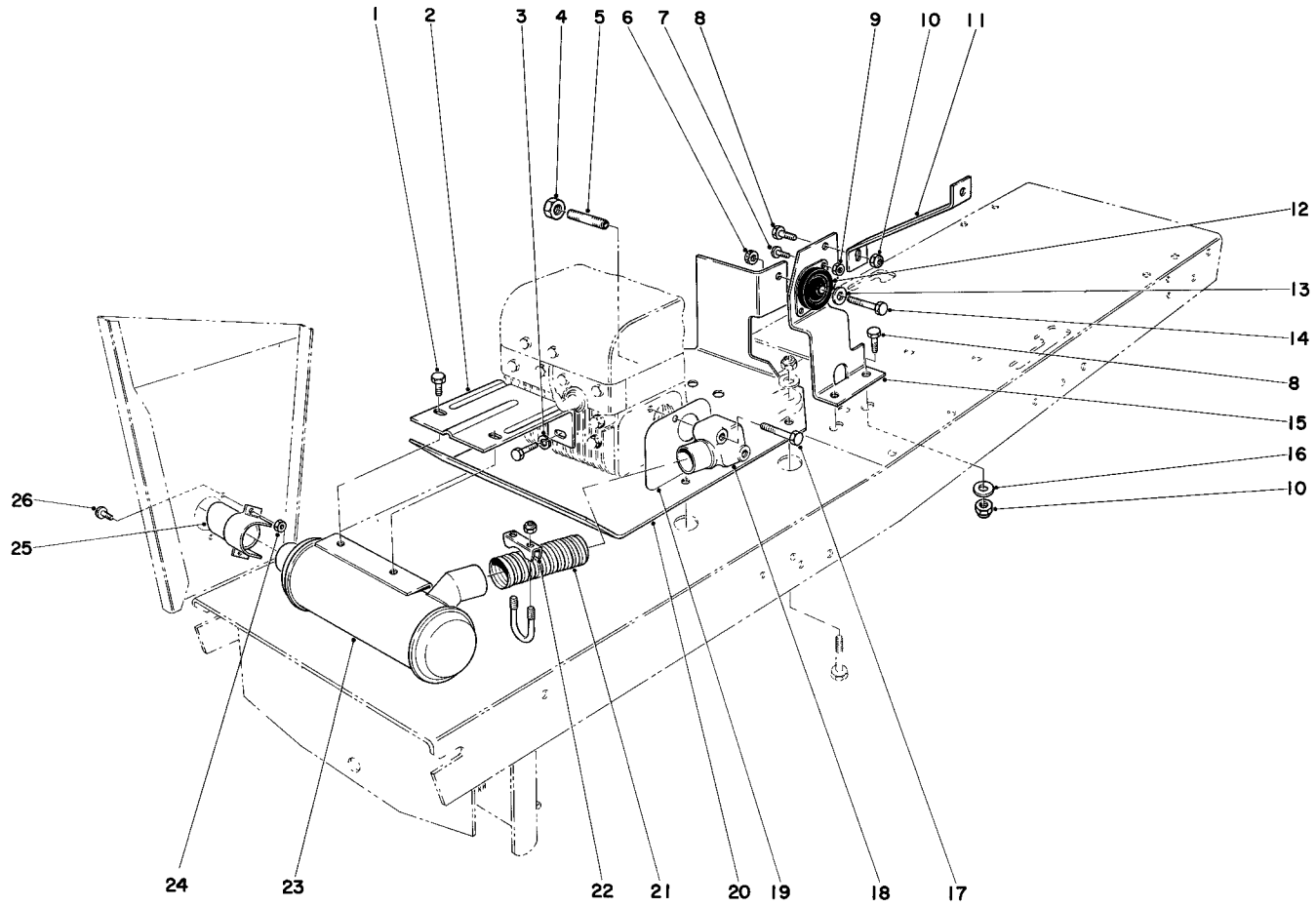


REAR TIRE AND FENDER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32104-77	Screw Self Tapping	4
2	7-8050	Decal - Rear Fender	1
3	231-57	Terra Tire	2
*	231-66	Turf King Tire	2
4	217-94	Rim	2
5	7-4198	Washer	5
6	5-1718	Key	2
7	3272-23	Cotter Pin	2
8	7-4116	Hub Cap - Rear	2

Ref. No.	Part No.	Description	No. Used
9	232-21	Valve Stem	2
10	322-3	Capscrew	2
11	32152-1	Locknut	2
12	32140-15	Self Tapping Screw	2
13	7-4118	Fender Support Right	1
14	12-8990	Fender	1
15	7-4120	Fender Support Left	1
16	7-4197	Spacer	1

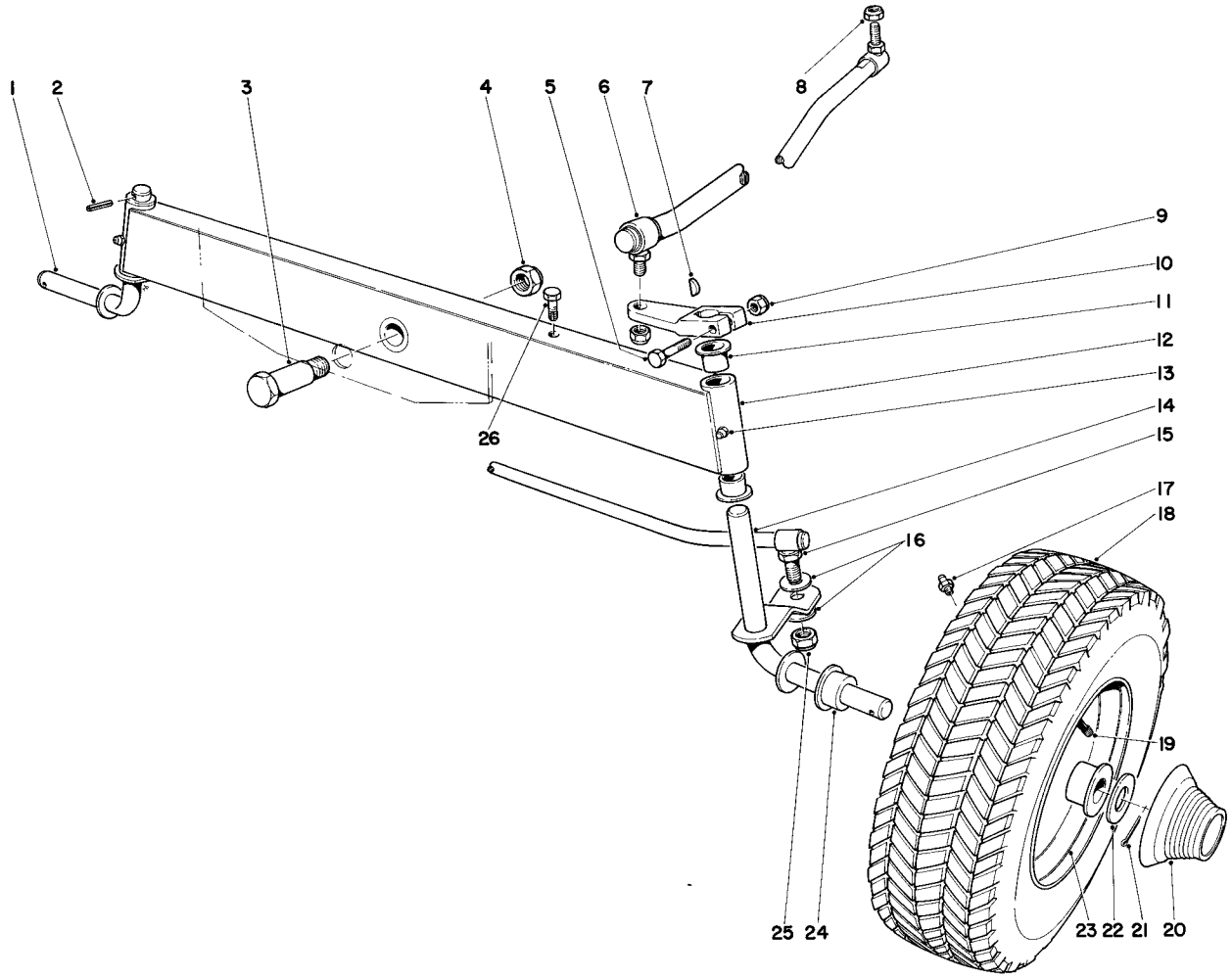
*Not Illustrated



EXHAUST ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322-1	Capscrew	2
2	7-7870	Hanger, Muffler	1
3	3253-4	Lockwasher	2
4	7-8720	Cap - Pipe	1
5	289-36	Pipe Nipple	1
6	32153-2	Locknut	3
7	32122-30	Truss Head Screw	6
8	322-3	Capscrew	3
9	32153-1	Locknut	6
10	32152-1	Locknut	3
11	7-7470	Brace	1
12	7-6990	Mount Rubber	3
13	3256-24	Washer	3

Ref. No.	Part No.	Description	No. Used
14	323-9	Capscrew	3
15	7-7480	Mount Rear	1
16	3256-3	Flatwasher	2
17	7-8850	Capscrew	2
18	7-8760	Elbow Exhaust	1
19	7-8970	Shield - Heat	1
20	7-7590	Mount - Engine	1
21	7-8700	Tubing - Exhaust	1
22	5-3179	Clamp Assembly	2
23	7-7180	Muffler	1
24	32153-1	Locknut	2
25	7-7070	Exhaust Tip	1
26	3251-2	Screw Rd. Hd.	2

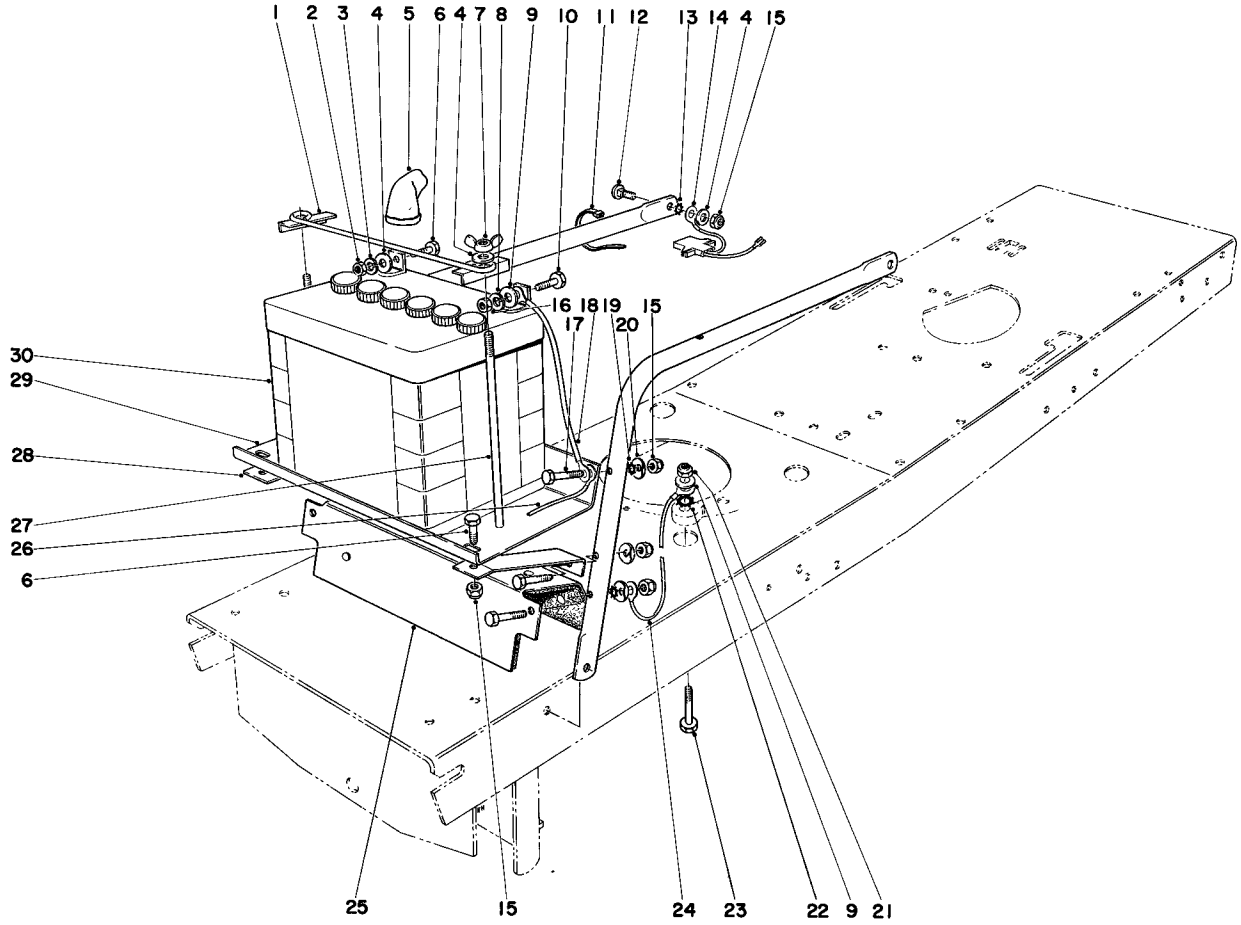


FRONT AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	7-4061	Spindle Right	1
2	32121-24	Roll Pin	1
3	7-3884	Shoulder Bolt	1
4	32152-3	Locknut	1
5	321-9	Capscrew	1
6	7-6330	Drag Link	1
7	3257-3	Woodruff Key	1
8	32146-6	Locknut	2
9	32152-4	Locknut	1
10	7-4067	Arm Drag Link	1
11	256-136	Bushing	4
12	7-4057	Front Axle (Incl. Ref. No. 11)	1
13	302-49	Grease Fitting	2
14	7-4064	Spindle Left	1

Ref. No.	Part No.	Description	No. Used
15	7-4078	Tie Rod	1
16	3256-41	Flat Washer	4
17	302-5	Grease Fitting	2
18	231-49	Terra Tire	2
*	231-67	Turf King Tire	2
19	232-27	Valve Stem	2
20	7-3932	Hub Cap Front	2
21	3272-23	Cotter Pin	2
22	7-0126	Washer	2
23	241-105	Rim	2
24	256-175	Bushing	4
25	32146-6	Locknut	2
26	32104-6	Self Tapping Screw	1

*Not Illustrated

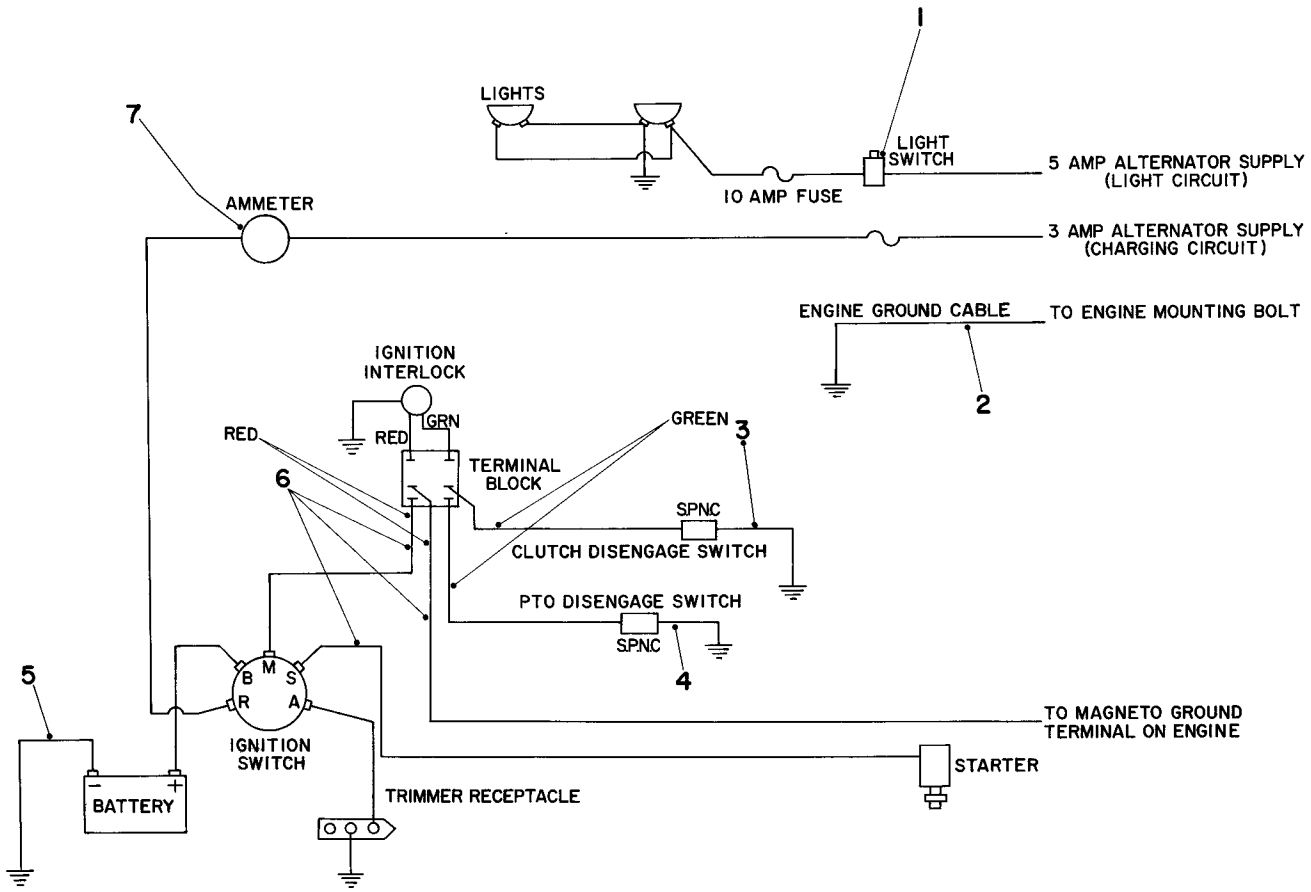


ELECTRICAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	7-0534	Clamp Battery	1
2	3217-5	Nut	1
3	3253-3	Lockwasher	1
4	3256-22	Washer Plain	4
5	218-331	Terminal Boot	2
6	321-4	Capscrew	3
7	32103-19	Wing Nut	2
8	3253-4	Lockwasher	1
9	3256-23	Washer	5
10	322-3	Capscrew	1
11	7-3123	Cable Tie	1
12	3229-1	Carriage Bolt	1
13	3255-7	Washer Ext. Tooth	2
14	7-5230	Wire Assembly	1
15	32152-4	Locknut	9
16	3217-6	Hex Nut	1
17	321-8	Capscrew	6

Ref. No.	Part No.	Description	No. Used
18*		Wire Assembly Battery to Ground	1
19*	3255-7	Washer Ext. Tooth	1
20	3-7501	Washer Curved	6
21	32152-1	Locknut	4
22	3255-8	Ext. Tooth Lockwasher	1
23	322-7	Capscrew	4
24*		Wire Assembly Engine to Ground	1
25	7-8040	Heat Shield Assembly	1
26*		Wire Assembly Headlight to Ground	1
27	7-3328	Bolt Battery	2
28	7-7980	Brace-Battery Shelf	2
29	7-7690	Battery Shelf	1
30	8-9490	Battery	1

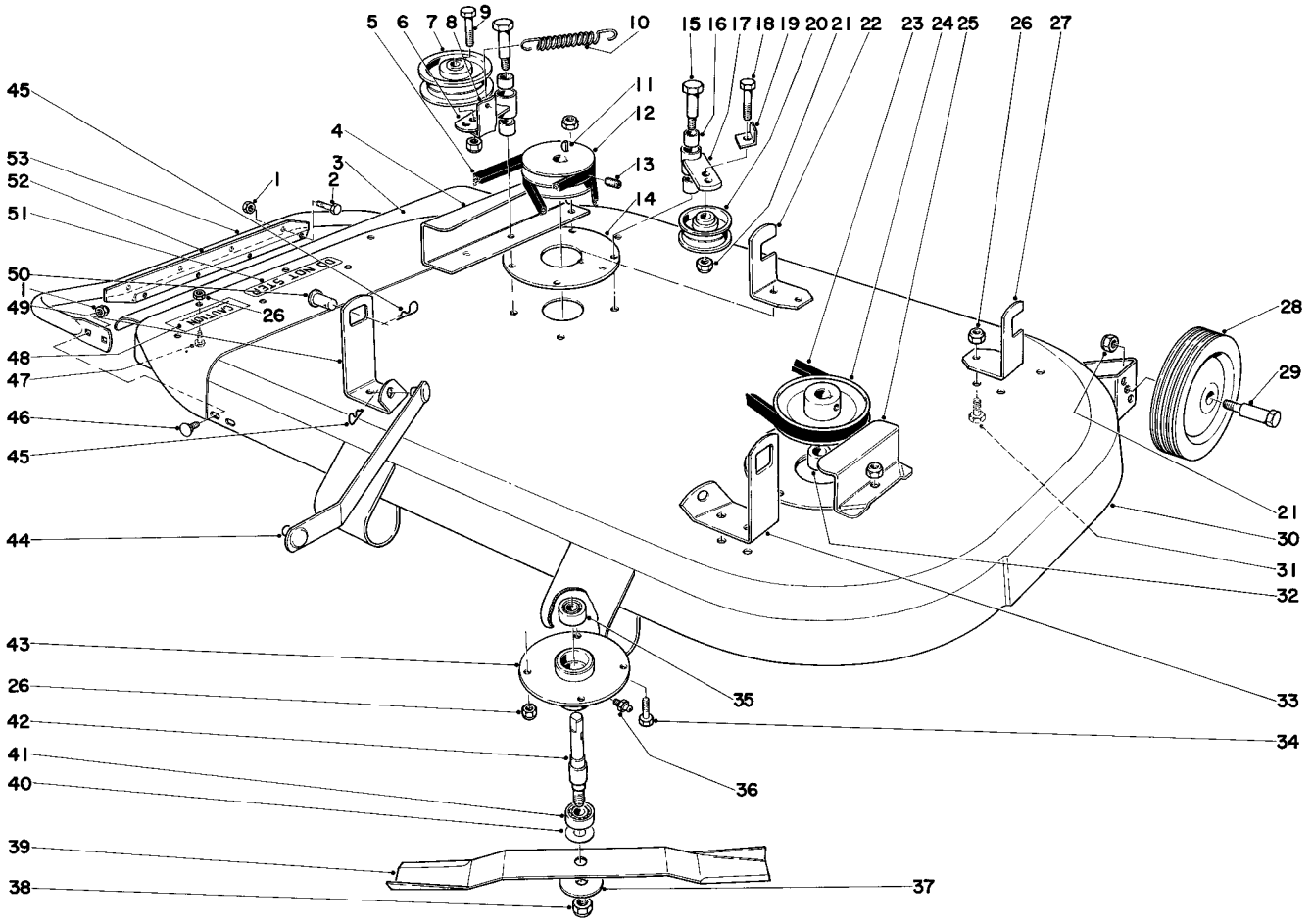
*Use on opposite side only



ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	7-1780	Light Switch	1
2	7-7630	Wire Assembly	1
3	12-7930	Wire Assembly	1
4	12-7950	Wire Assembly	1

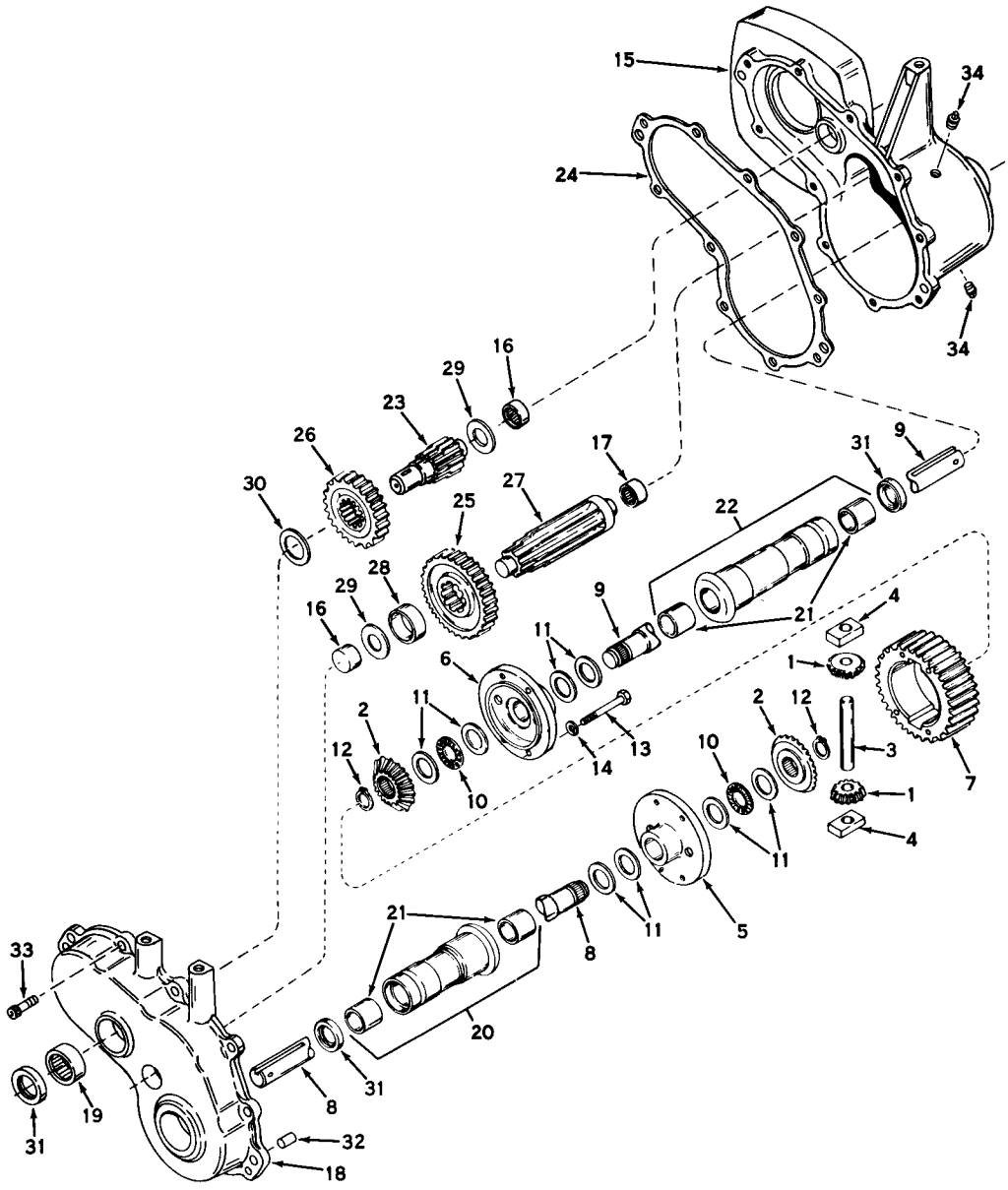
Ref. No.	Part No.	Description	No. Used
5	7-4080	Wire Assembly	1
6	12-3940	Wire Harness	1
7	7-6130	Ammeter Gage	1



36" MOWER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32152-4	Locknut	8
2	321-9	Capscrew	4
3	12-9860	Deflector Plate	1
4	7-4317	Guard Mower Housing	1
5	7-9160	Belt	1
6	7-3780	Idler Plate (Incl. Ref. #16)	1
7	7-8680	Pulley Idler	1
8	7-9180	Retainer Belt	1
9	323-9	Capscrew	1
10	7-3977	Spring Tension	1
11	3257-5	Woodruff Key	2
12	7-3788	Pulley Spindle	1
13	3246-2	Set Screw	2
14	7-0252	Washer	2
15	7-3878	Bolt - Shoulder	2
16	256-172	Bushing	4
17	7-3781	Idler Plate	1
18	323-8	Capscrew	1
19	7-3976	Bracket - Spring	1
20	3-4244	Pulley Idler	1
21	32152-2	Locknut	2
22	7-4210	Bracket - Mower	1
23	7-4228	Belt	1
24	7-3796	Pulley - Spindle	1
25	7-4212	Belt Guard	1
26	32152-1	Locknut	23
27	7-4208	Bracket Mower	1

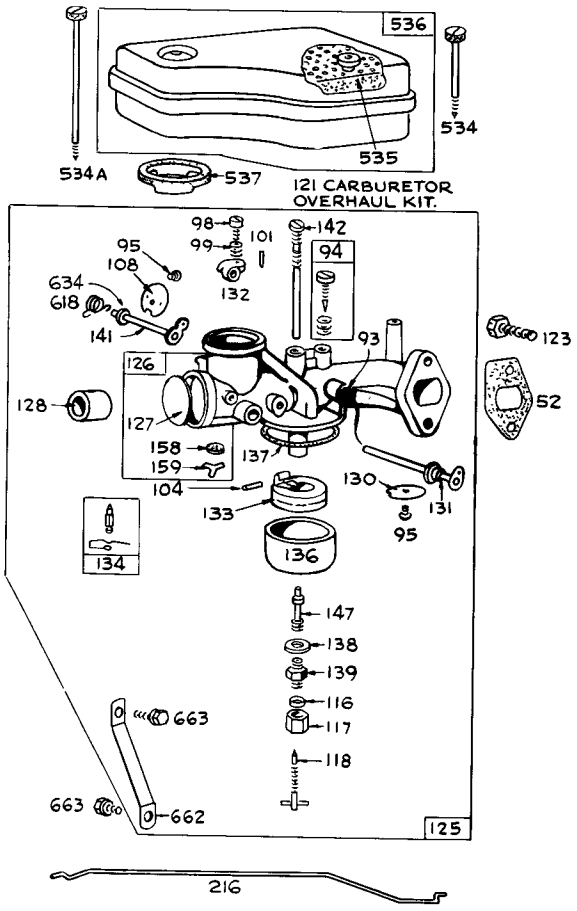
Ref. No.	Part No.	Description	No. Used
28	241-87	Wheel	2
29	12-7610	Axle Bolt	2
30	7-7610	Housing	1
31	322-2	Capscrew	8
32	7-3747	Spacer - Blade Spindle	1
33	7-4206	Bracket - Mower	1
34	322-4	Capscrew	6
35	251-5	Bearing	2
36	302-5	Grease Fitting	2
37	7-0253	Washer	2
38	32152-6	Locknut	2
39	7-2464	Blade	2
40	7-3590	Washer	2
41	251-123	Bearing	2
42	7-3744	Spindle Blade	2
43	7-0287	Mower Spindle Housing	2
44	7-4111	Tow Bar	2
45	3290-250	Hair Pin Cotter	4
46	3229-10	Carriage Bolt	4
47	32122-33	Truss Hd. Machine Screw	7
48	12-3990	Decal	1
49	7-4207	Bracket - Mower	1
50	7-4110	Clevis Pin	2
51	7-8200	Decal	1
52	12-9890	Bar - Deflector	1
53	7-4211	Guard Mower Housing	1



TRANSAXLE (PEERLESS) MODEL NO. 1302 ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	778014	Pinion, Bevel	1
2	778039	Gear, Bevel	1
3	786019	Pin, Drive	1
4	786027	Block, Drive	1
5	774028	Carrier, Differential	1
6	774029	Carrier, Differential	1
7	778033	Gear, Ring	1
8	774159	Axle, L. H.	1
9	774160	Axle, R. H.	1
10	780039	Bearing, Thrust	1
11	780042	Washer, Thrust	1
12	792018	Ring, Snap	1
13	792020	Screw, hex hd. cap	1
14	792006	Lockwasher	1
15	770052	Case Assembly (Incl. Nos. 16 & 17)	1
16	780013	Bearing, Needle	1
17	780088	Bearing, Needle	1
18	772063	Cover Assy. (Incl.Nos.16 & 19)	1

Ref. No.	Part No.	Description	No. Used
19	780089	Bearing, Needle	1
20	782022A	Housing & Bushing Assy., L. H. (Incl. No. 21)	1
21	780054	Bushing	1
22	782023A	Housing & Bushing Assy., R. H. (Incl. No. 21)	1
23	776093	Shaft, Brake	1
24	788044	Gasket, Case to cover	1
25	778036	Gear, Output	1
26	778037	Gear, Idler	1
27	778041	Shaft, Output	1
28	786017	Spacer	1
29	780001	Washer	1
30	780090	Washer	1
31	788008	Seal, Oil	1
32	786026	Pin, Dowel	1
33	792052	Screw, Hex hd. self tapping	1
34	792010	Plug, Pipe	2



MODEL NO. 390811 CARBURETOR ASSEMBLY (For Engine 190707-0626)

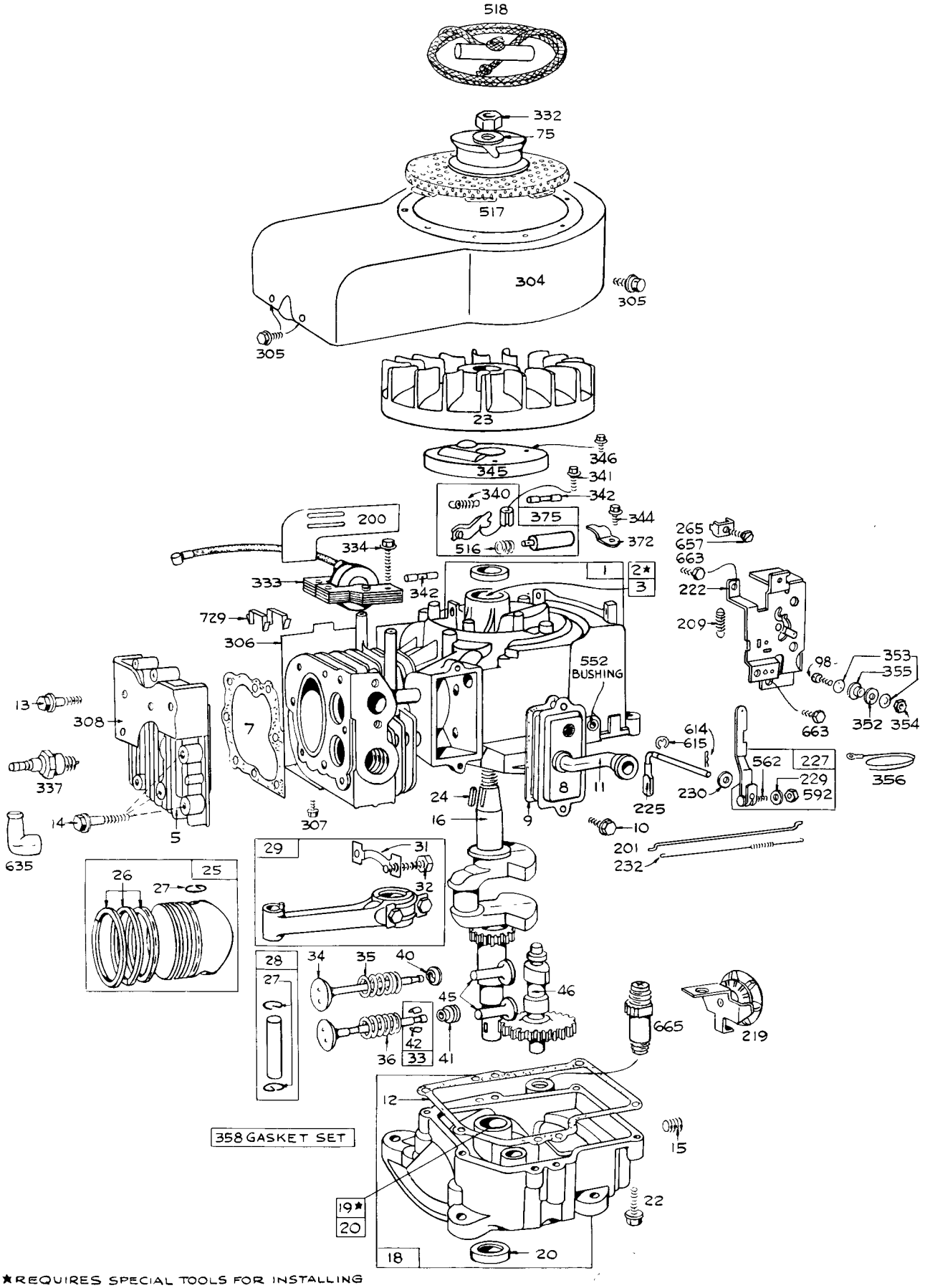
Ref. No.	Part No.	Description	No. Used
52	♦270538	Gasket—Carburetor Mounting	1
93	23108	Bushing – Throttle Shaft	1
94	‡292681	Valve Assembly – Carburetor Idle	1
95	93038	Screw – Throttle and Choke Valve Mtg. Sem	1
98	91920	Screw – Machine, Fill. Head	1
99	26157	Spring – Throttle Adjustment	1
101	93043	Pin – Throttle Stop	1
104	‡230896	Pin – Float Hinge	1
108	222010	Valve – Choke	1
116	‡ 68677	Packing – Needle Valve	1
117	‡ 23118	Nut – Needle Valve Packing	1
118	‡299762	Valve – Needle	1
121	299852	Carburetor Overhaul Kit	1
123	93357	Screw – Carburetor Mounting	1
125	390811	Carburetor Assembly	1
126	390812	Body Assy.– Lower Carb.	1
127	221997	Plug – Welch	1
128	211682	Venturi – Carburetor	1
130	221986	Valve – Throttle	1
131	299650	Shaft and Lever – Throttle	1

♦ Included in Gasket Set – Part No. 299577

Ref. No.	Part No.	Description	No. Used
132	211712	Stop – Throttle	1
133	299707	Float – Carburetor	1
134	‡299096	Valve – Fuel Inlet	1
136	221995	Bowl – Float	1
137	‡270511	Gasket – Float Bowl	1
138	‡222014	Washer – Float Bowl	1
139	‡230935	Retainer – Jet Needle	1
141	390684	Shaft and Lever – Choke	1
142	‡299740	Nozzle – Carburetor	1
147	‡230932	Screw – Nozzle	1
158	27590	Filter – Carburetor Drain	1
159	220521	Retainer – Carburetor Drain Filter	1
216	261117	Link – Choke	1
534	93323	Screw – Air Cleaner	1
534A	93622	Screw – Air Cleaner	1
535	270528	Element – Air Cleaner	1
536	390379	Cleaner Assy. – Air	1
537	270539	Gasket – Air Cleaner	1
618	261116	Spring – Choke Return	1
634	270382	Washer – Choke Shaft	1
662	222027	Bracket – Carburetor	1
663	93572	Screw – Bracket Mtg.	1

‡ Included in Carburetor Overhaul Kit – Part No. 299852

MODEL 190707-0626 ENGINE ASSEMBLY (Electric Start)
BRIGGS & STRATTON



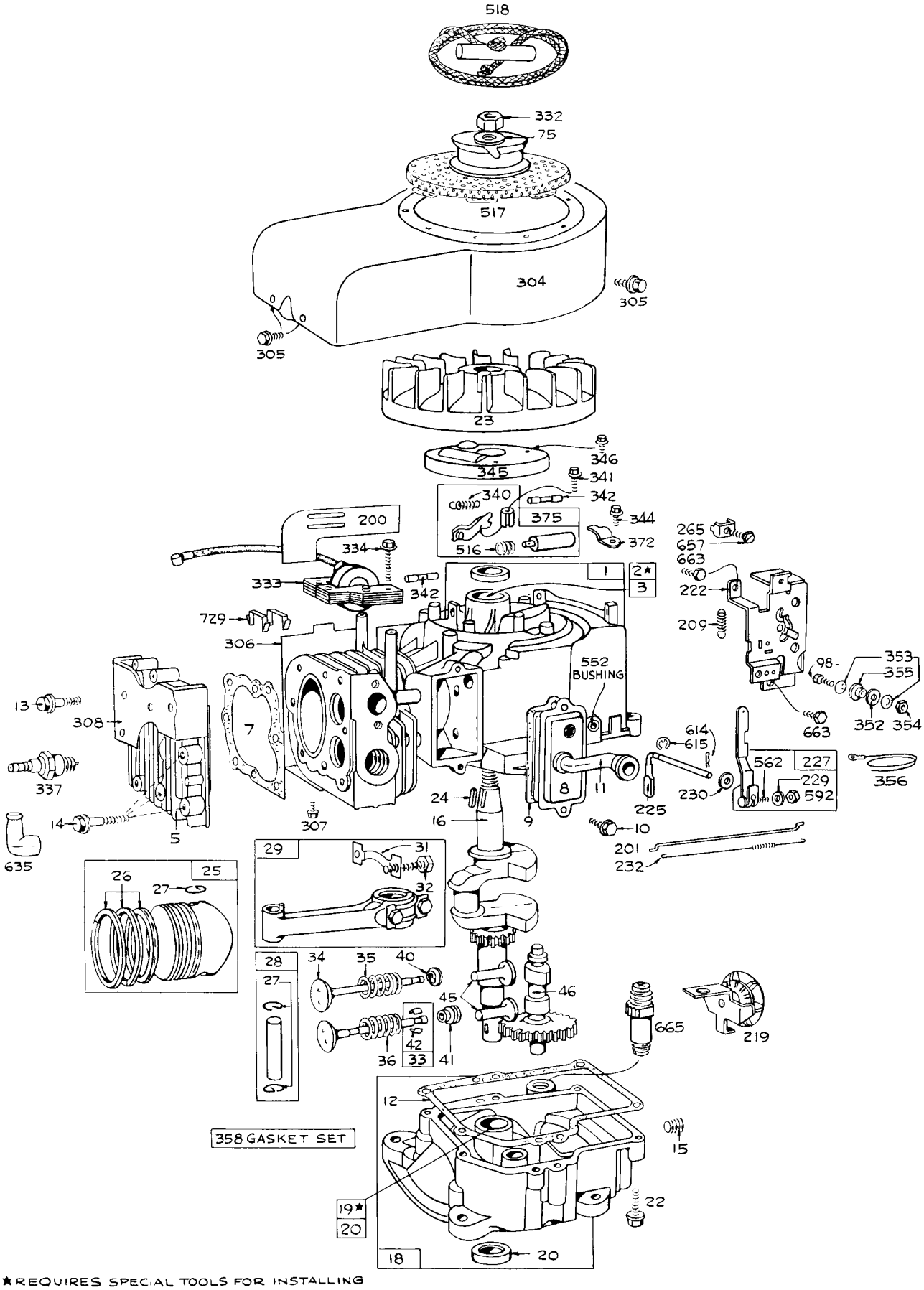
★REQUIRES SPECIAL TOOLS FOR INSTALLING

MODEL 190707-0626 ENGINE ASSEMBLY (Electric Start)
BRIGGS & STRATTON

Ref. No.	Part No.	Description	No. Used
1	390380	Cylinder Assembly	1
2	295962	Bushing – Cylinder	1
	Note:	Requires special tools for installation.	
3	294606	Seal – Oil	1
5	211778	Head – Cylinder	1
7	♦270430	Gasket – Cylinder Head	1
8	299848	Breather Assembly	1
9	♦27803	Gasket – Valve Cover	1
10	93536	Screw – Sem	1
11	280005	Tube – Breather	1
12	♦27750	Gasket – Crankcase Cover – 1/64" thick	1
	♦27876	Gasket – Crankcase Cover – .005" thick	1
	♦27877	Gasket – Crankcase Cover – .009" thick	1
13	93210	Screw – Cylinder Head (2-9/32" long)	1
14	93211	Screw – Cylinder Head (2-21/32" long)	1
15	93418	Plug – Oil Drain (Hex Socket)	1
16	261083	Crankshaft	1
18	298616	Sump – Oil	1
19	295963	Bushing – Oil Sump	1
	Note:	Requires special tools for installation.	
20	298423	Seal – Oil	1
22	93585	Screw – Sump Mtg. Sem	1
23	390180	Flywheel – Magneto	1
24	61760	Key – Flywheel	1
25	390347	Piston Assy. – Standard	1
	390348	Piston Assembly – .010" O.S.	1
	390349	Piston Assembly – .020" O.S.	1
	390350	Piston Assembly – .030" O.S.	1
		PISTON RING SETS:	
26	299569	Ring Set – Piston – Std.	1
		Consists of:	
		211637 Ring, Piston, Comp., Top Std.	1
		211636 Ring, Piston, Comp., Center, Std.	1
		211635 Ring, Piston, Oil, Std.	1
	299570	Ring Set – Piston – .010" O.S.	1
		Consists of:	
		211649 Ring, Piston, Comp., Top, .010" O.S.	1
		211650 Ring, Piston, Comp., Center, .010" O.S.	1
		211651 Ring, Piston, Oil, .010" O.S.	1
	299571	Ring Set – Piston – .020" O.S.	1
		Consists of:	
		211653 Ring, Piston, Comp., Top, .020" O.S.	1
		211654 Ring, Piston, Comp., Center, .020" O.S.	1
		211655 Ring, Piston, Oil, .020" O.S.	1
	299572	Ring Set – Piston – .030" O.S.	1
		Consists of:	
		211657 Ring, Piston, Comp., Top, .030" O.S.	1
		211658 Ring, Piston, Comp., Center, .030" O.S.	1
		211659 Ring, Piston, Oil, .030" O.S.	1
27	68546	Lock – Piston Pin	1
28	295840	Pin Assy. – Piston – Std.	1
	295841	Pin Assembly – Piston – .005" O.S.	1
29	390402	Rod Assy. – Connecting	1
31	222114	Lock – Conn. Rod Screw	1
32	92659	Screw – Conn. Rod	1
33	390419	Valve – Exhaust	1
34	261055	Valve – Intake	1
35	65906	Spring – Intake Valve	1
36	26828	Spring – Exhaust Valve	1
40	221596	Retainer – Intake Valve	1
41	292260	Rotocoil – Exhaust Valve	1
42	93630	Retainer – Exhaust Valve Rotocoil (2)	1
45	260933	Tappet – Valve	1
46	210728	Gear – Cam	1
75	220865	Washer – Spring	1
200	221760	Guide – Air	1
201	260971	Link – Governor	1
209	261129	Spring – Governor	1
219	298614	Oil Slinger, Gov. Gear and Bracket Assembly	1
222	390662	Plate – Gov. Control	1
225	230759	Shaft – Gov. Lever	1
227	298303	Lever Assy. – Governor	1
229	220680	Washer – Flat	1
230	221559	Washer – Gov. Lever	1
232	260584	Spring – Governor Link	1
265	221535	Clamp – Casing	1
304	299392	Housing – Blower	1
305	93158	Screw – Blower Housing Mounting Sem	1
306	221898	Shield – Cylinder	1
307	93163	Screw – Cylinder Shield Mounting Sem	1

♦ Included in Gasket Set – Part No. 299577

MODEL 190707-0626 ENGINE ASSEMBLY (Electric Start)
BRIGGS & STRATTON



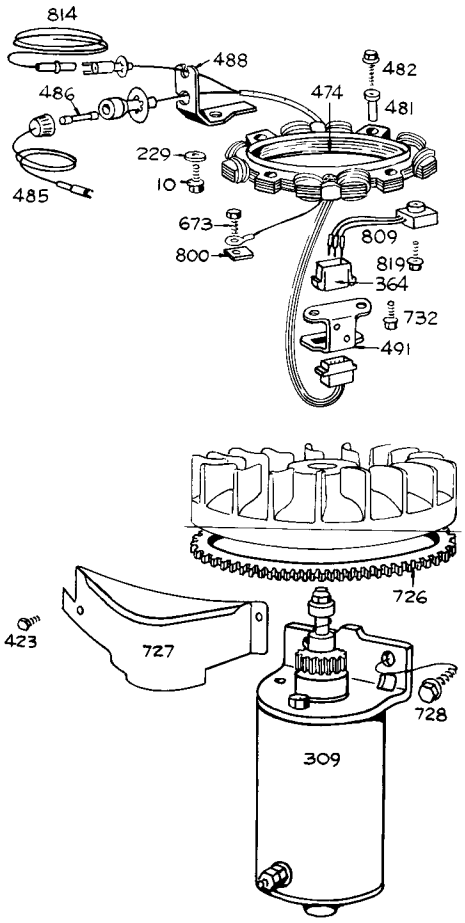
★REQUIRES SPECIAL TOOLS FOR INSTALLING

MODEL 190707-0626 ENGINE ASSEMBLY (Electric Start)
BRIGGS & STRATTON

Ref. No.	Part No.	Description	No. Used
308	221901	Cover – Cylinder Head	1
309	390307	Motor – Starting	1
(*)		American Bosch-Arma	
		No. SMH 12-A11	
		(on Commutator End Cap)	
(**)		Made in Japan for B & S	
		No. MMO. 5ML	
		(on Main Housing)	
		Replacement Parts for	
		Starting Motor No. 390307	
		(see list below)	
		Drive Assembly (complete)	
		B & S No. 390443 (*)	
		B & S No. 299963 (**)	
		Drive End Cap Assembly	
		w/Bearing and Bracket	
		B & S No. 390944 (*)	
		B & S No. 390454 (**)	
		Armature Assembly	
		including Washers.	
		B & S No. 390446 (*)	
		B & S No. 390456 (**)	
		Housing Assembly	
		including Field Coils.	
		B & S No. 390447 (*)	
		B & S No. 390452 (**)	
		Commutator End Cap Assy.	
		including Bushing, Brushes	
		and Springs.	
		B & S No. 390448 (*)	
		B & S No. 390455 (**)	
		Thru Bolt Assembly	
		includes Nuts and Lockwashers.	
		B & S No. 390450 (*)	
		B & S No. 299962 (**)	
		Brush Kit	
		B & S No. 390449 (*)	
332	92284	Nut	1
333	298968	Armature Assembly	1

Ref. No.	Part No.	Description	No. Used
334	93381	Screw – Armature Mounting Sem	1
337	298809	Plug –Spark	1
340	26018	Spring – Breaker Arm	1
341	93381	Screw – Breaker Arm Mounting Sem	1
342	65704	Plunger – Breaker Point	1
344	93042	Screw – Condenser Mounting Sem	1
345	222117	Cover – Breaker Point	1
346	93014	Screw – Sem	1
352	66068	Washer – Insulating	1
353	92791	Washer – Lock – Shakeproof	1
354	90576	Nut – Hex.	1
355	66554	Collar – Insulating	1
356	299500	Wire – Ground	1
358	299577	Gasket Set	1
372	220477	Clamp – Condenser	1
375	294628	Breaker Points and Condenser Set	1
		Note: 299061 Ignition Kit Includes:	1
		294628 Point Set	1
		65704 Plunger	1
		61760 Key – Flywheel	1
516	260374	Spring – Connector	1
517	295423	Pulley – Rope Starter (with screen)	1
518	69932	Rope – Starter	1
552	230927	Bushing – Governor Shaft	1
562	92613	Bolt – Governor Lever	1
592	90356	Nut – Hex.	1
614	93306	Cotter – Hair Pin	1
615	93307	Retainer – E-Ring	1
635	66538	Elbow – Spark Plug	1
657	93496	Screw – Sem	1
663	93572	Screw – Bracket Mtg.	1
665	296768	Oil Minder	1
729	221907	Clip – Wire	1

♦ Included in Gasket Set – Part No. 299577



ALTERNATOR AND STARTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
10	93536	Screw – Sem	1
229	220680	Washer – Flat	1
309	390307	Motor – Starting	1
(*)		American Bosch-Arma No. SMH 12-A11 (on Commutator End Cap)	
(**)		Made in Japan for B & S No. MMO. 5ML (on Main Housing)	
		Replacement Parts for Starting Motor No. 390307 (see list below)	
		Drive Assembly (complete)	
		B & S No. 390443 (*)	
		B & S No. 299963 (**)	
		Drive End Cap Assembly w/Bearing and Bracket	
		B & S No. 390944 (*)	
		B & S No. 390454 (**)	
		Armature Assembly including Washers.	
		B & S No. 390446 (*)	
		B & S No. 390456 (**)	
		Housing Assembly including Field Coils.	
		B & S No. 390447 (*)	
		B & S No. 390452 (**)	
		Commutator End Cap Assy. including Bushing,	
		Brushes and Springs.	
		B & S No. 390448 (*)	
		B & S No. 390455 (**)	
		Thru Bolt Assembly includes Nuts and Lockwashers.	
		B & S No. 390450 (*)	
		B & S No. 299962 (**)	
		Brush Kit	
		B & S No. 390449 (*)	
364	280081	Socket – Lead Wire	1
423	93410	Screw – Sem	1
474	390671	Stator – Alternator	1
481	230976	Bushing – Stator	1
482	93621	Screw – Stator Mtg.	1
485	390313	Knob Assy. – Fuse	1
486	67125	Fuse – 7-1/2 Amp.	1
488	222211	Bracket – Fuse	1
491	222115	Bracket – Rectifier	1
618	261116	Spring – Choke Return	1
673	93438	Screw	1
726	299543	Gear, Ring (Includes mounting parts)	1
727	390233	Cover and Shield – Starter	1
728	93535	Screw – Sem	1
732	93490	Screw – Sem	1
800	222212	Retainer	1
809	390692	Rectifier – Alternator	1
814	390610	Wire Assembly	1
819	93680	Screw – Sem	1

SPECIFICATIONS

ENGINE: Briggs & Stratton Model 190707 Type No. 0626.

FUEL TANK CAPACITY: .9 gallon – under hood

TRANSMISSION: Hydrostatic unit directly coupled to one speed rear axle. Hydrostatic has piston pump, piston motor; integral oil reservoir. 7" cooling fan provided. Axle has cast iron casing, bevel gear differential, 1" axle shaft with 1/4" keyway.

Hydrostatic unit oil: Texaco Transhydral 2209; axle oil: No. 90 Gear Lubricant.

TRACTION DRIVE: "A" section V-belt from 3.4 PD engine pulley to 3.4 PD transmission input pulley.

GROUND SPEEDS: @ 3400 engine RPM
Forward: Infinitely variable from 0 to 5.0 MPH
Reverse: Infinitely variable from 0 to 2.0 MPH

TIRES:
Front: 13 x 5.00 - 6 tubeless pneumatic Turf-king.
Rear: 18 x 8.50 - 8 tubeless pneumatic Turf-king.

WHEELS: Front and rear – stamped steel discs with drop center rims.

CONSTRUCTION: 11 gauge H.R.P.O. steel formed channel frame with 3/16" steel axle supports. ¾" diameter C.R.S. spindles with 11 gauge front axle. 18 gauge one-piece rear fender.

STEERING: 13" diameter 3-spoke 3" dished steering wheel.

LIGHTS: Headlights standard.

CUTTER DRIVE: Belt drive from jackshaft ahead of engine.

STARTING: 12 volt electric start with key switch.

SEAT: 2-3/4" padding. Adjustable to two positions. Seat backrest adjustable to three positions.

GAUGES: Oil Minder oil level gauge, Ammeter, gas gauge.

CONTROLS:

Engine: Control wire and casing with slow, fast and choke positions. Mounted on dash.

Transmission: Single lever with cam type linkage to hydrostatic unit. Adjustable friction, adjustable neutral position. Positive neutral detent.

Traction Disengage: Lever to disengage traction drive, allows rider to be pushed or towed.

Brake: Foot operated pedal on right side. Coupled to hydrostatic unit, provides hydraulic braking. Additional braking provided by 3" dia. brake drum and band.

Cutter: Single lever. In lock-out position blade belt idler is disengaged and blade brake applied. In engaged position brake is released and cutter belt engaged.

DIMENSIONS:
Wheel Base: 42"
Wheel Tread: Front: 25"
Rear: 23-3/4"
Outside to Outside of Tires: Front: 30"
Rear: 32"
Inside Turning Radius: 25"
Overall: Length: 57-1/2"
Width: 32"
Height: 34-1/2"

WEIGHT: 340 lbs. without mower assembly.

SAFETY FEATURES: Meets A.N.S.I. Specifications. Brake pedal returns transmission control to neutral. Automatic blade brake. Engine cannot be started unless transmission control is in neutral, brake is applied and cutter drive disengaged. Enclosed and guarded drive. Brake latch for parking.

CUTTER HOUSING: Semi-floating 12 gauge tempered steel housing attached to chassis by 1/2" diameter steel pins.

CUTTER WIDTH: 36"

BLADE: Two 8 gauge 18" fully hardened alloy steel.

BLADE TIP SPEED: 16,500 FPM @ 3400 engine RPM.

CUTTER SPINDLE: Steel mounted in 2 single row double sealed ball bearings.

HEIGHT OF CUT: 1-1/2" to 4" by control lever with infinite height variation.

WEIGHT: 74 lbs.

OVERALL DIMENSIONS:
Length: 30½"
Width: 45¼"
Height: 10"

OPTIONAL EQUIPMENT:
36" Snow Blade Attachment 59034
32" Snow Blower Attachment 59032
Dump Cart (Heavy Duty) 59003
Seeder Spreader 59068
38" Lawn Sweeper 59067
Bagging Kit 59050
Tire Chains 11-0430
Snow Cab 3456
Trimmer Kit 87007
Dump Cart (Light Weight) 59070

MAINTENANCE RECORD

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

MAINTENANCE RECORD

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

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.

IMPORTANT ORDERING INSTRUCTIONS

Repair parts are available from your TORO dealer. To insure getting correct parts without delay, furnish the following information:

1. Serial number of your tractor as shown on the name plate.
2. Part number, description, and quantity of each part required.
3. State whether parts should be shipped by mail or express. All repair parts are shipped F.O.B. Factory.
4. Name and address where parts are to be shipped.
5. Do not order by reference number; use part number only.

THE TORO PROMISE

It is Toro's policy to design and produce Toro products to provide our customers with a high level of performance and durability in normal operation. Our products, however, are produced in high volume, and it is inevitable that occasionally a unit will reach a customer with a defect in materials or workmanship which causes that unit to fall below the normal high level of Toro performance. Invariably, such a defect will be noticed in a residential product within one year, and in an institutional product within ninety days after purchase. Recognizing this possibility, Toro has established a simple guarantee policy and procedure that is intended to assure customer satisfaction. This guarantee statement is as follows:

The Toro Promise

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

Residential products	1 year
Residential products used commercially	45 days
Institutional products	90 days

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

Should you feel that a product is defective, and wish to rely on The Toro Promise, the following procedure is recommended:

1. Contact any TORO dealer or distributor, but preferably the dealer or distributor from whom you purchased the product.
2. He will instruct you to either return the product to him, or tell you the name and address of your nearest TORO Service Dealer if the product is to be returned to such dealer.
3. Take the product and your original sales slip, or other evidence of purchase date, to the servicing dealer.
4. The servicing dealer will inspect the unit, advise you whether the product is defective and, if so, make all repairs necessary to correct the defect without extra charge to you.

If for any reason you are dissatisfied with the dealer's analysis of the defect or the service he performs, we urge you to contact us. Write:

TORO "Customer Care" Department
8111 Lyndale Avenue South
Bloomington, Minnesota 55420

Litho in U.S.A.