

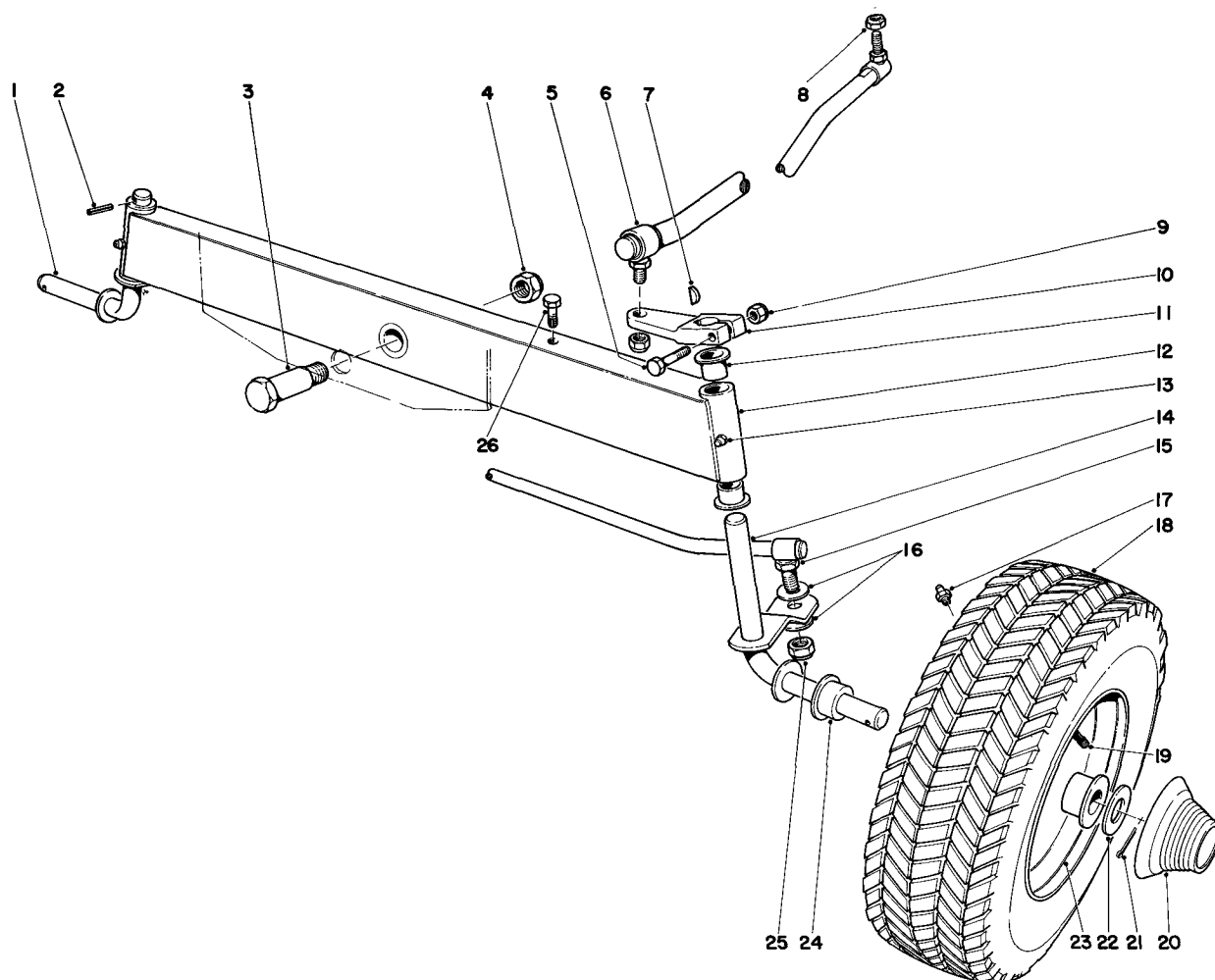
TORO

We Take Care™

1971
MODEL NOS. 55055-100001 & UP

**PARTS
CATALOG**

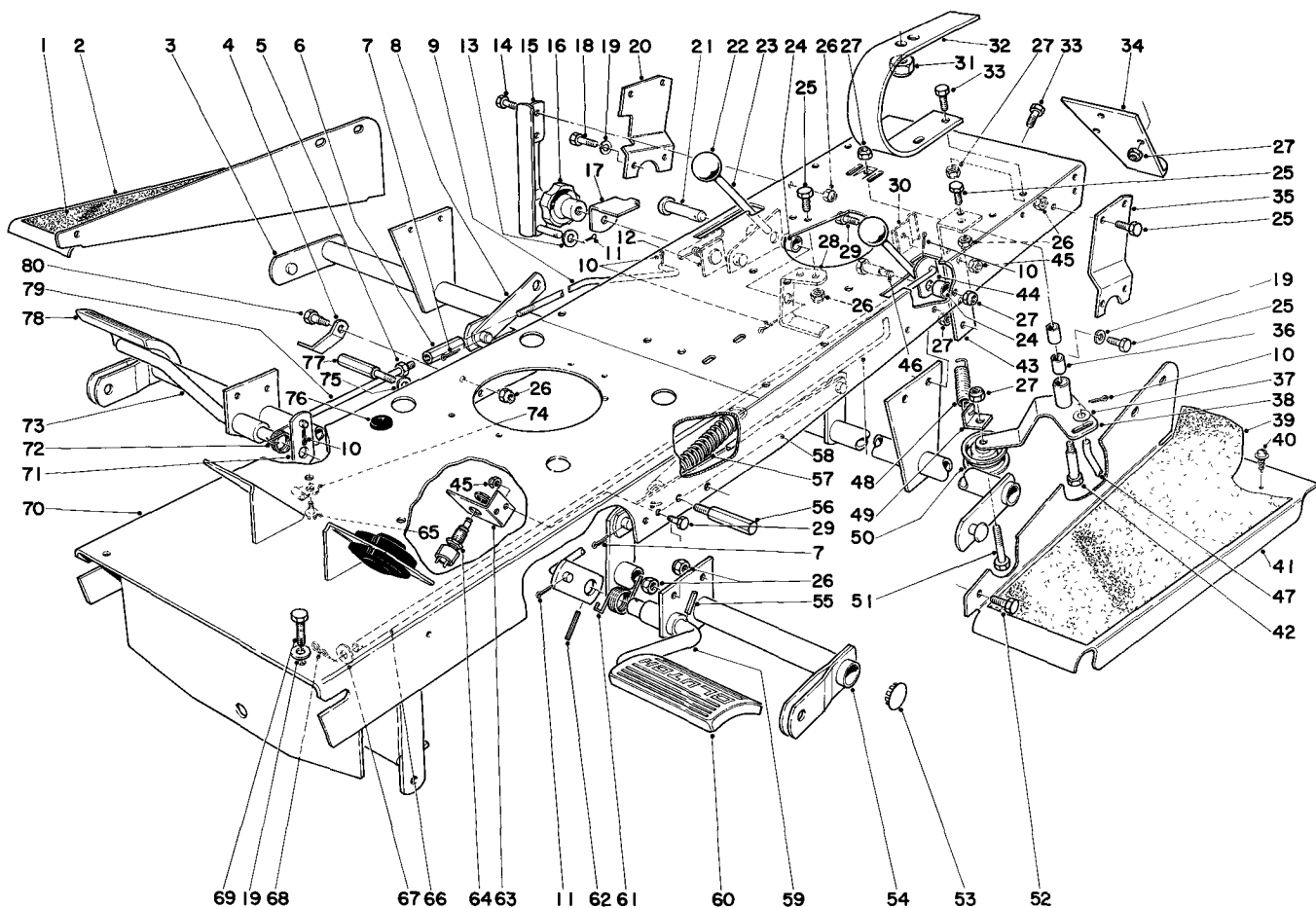
8 H.P. LAWN TRACTOR (Electric Start)



FRONT AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	7-4061	Spindle R. H.	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	Nut	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. #11	1
13	302-49	Grease Fitting	2

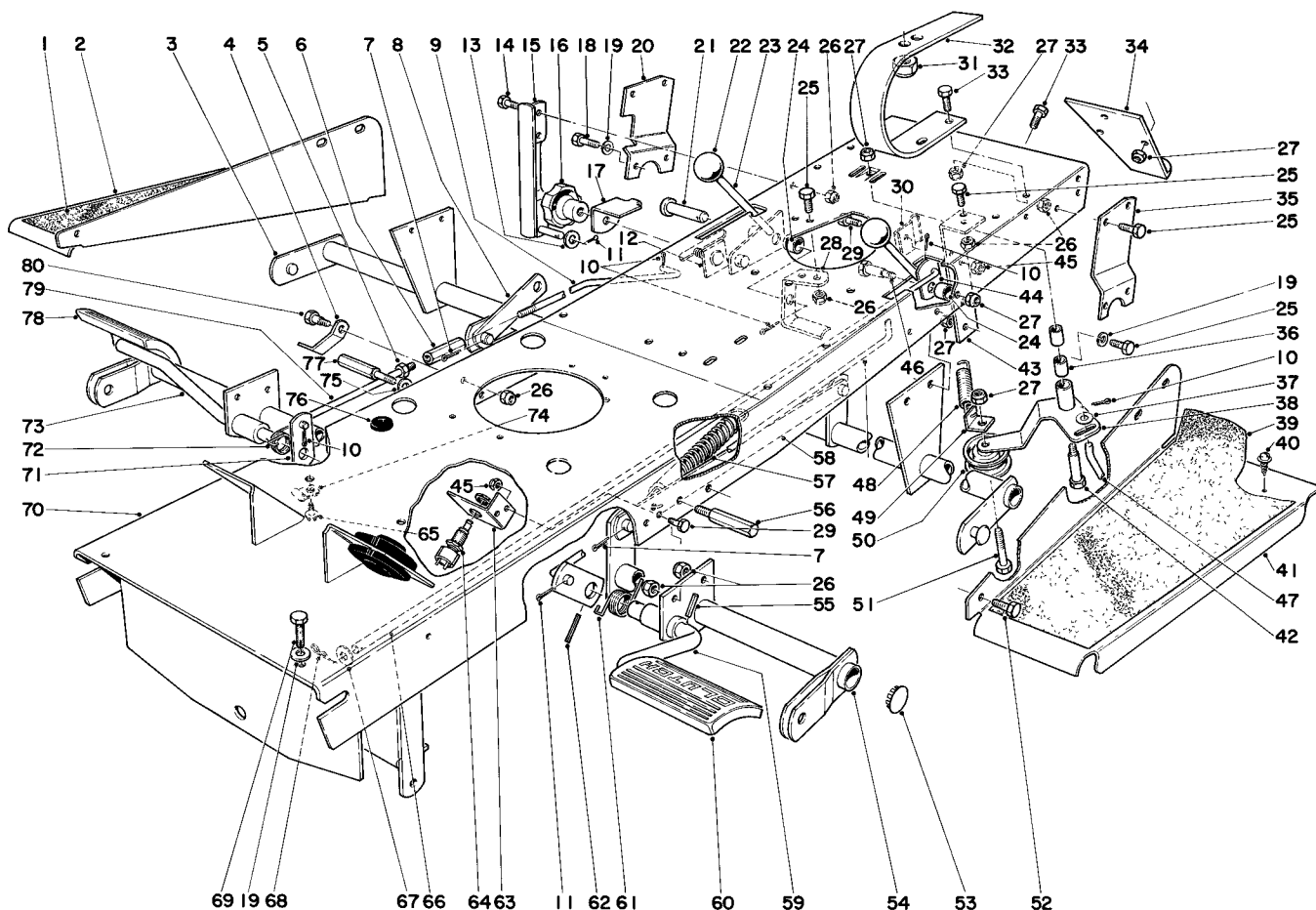
Ref. No.	Part No.	Description	No. Used
14	7-4064	Spindle L. H.	1
15	7-4078	Tie Rod	1
16	3256-41	Washer	2
17	302-5	Grease Fitting	2
18	231-49	Tire	2
19	232-27	Valve Stem	2
20	7-3932	Hub Cap	2
21	3272-22	Cotter Pin	2
22	7-0126	Washer	2
23	241-105	Rim	2
24	256-175	Bushing	4
25	32146-6	Locknut	2
26	32104-6	Self Tapping Screw	1



CHASSIS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	7-4128	Pad Right	1
2	7-4033	Footrest R. H.	1
3	7-5770	Cross Tube Rear	1
4	7-5470	Pedal Latch	1
5	3218-2	Jam Nut	1
6	7-4193	Screw Brake Adjusting	1
7	3272-7	Cotter Pin	4
8	7-4195	Lift Link	1
9	7-5510	Brake Rod Rear	1
10	3272-6	Cotter Pin	4
11	3272-5	Cotter Pin	2
12	7-3667	Knob Plate	1
13	3256-2	Flatwasher	1
14	322-4	Capscrew	2
15	7-6790	Support Hanger Brake	1
16	7-3902	Knob Height Adj.	1
17	7-4098	Slide	1
18	322-6	Capscrew	4
19	3253-4	Lockwasher	8
20	7-5280	Support R. H.	1
21	283-24	Clevis Pin	1
22	233-24	Knob	2
23	7-4076	Lever	1
24	7-4070	Spacer	3

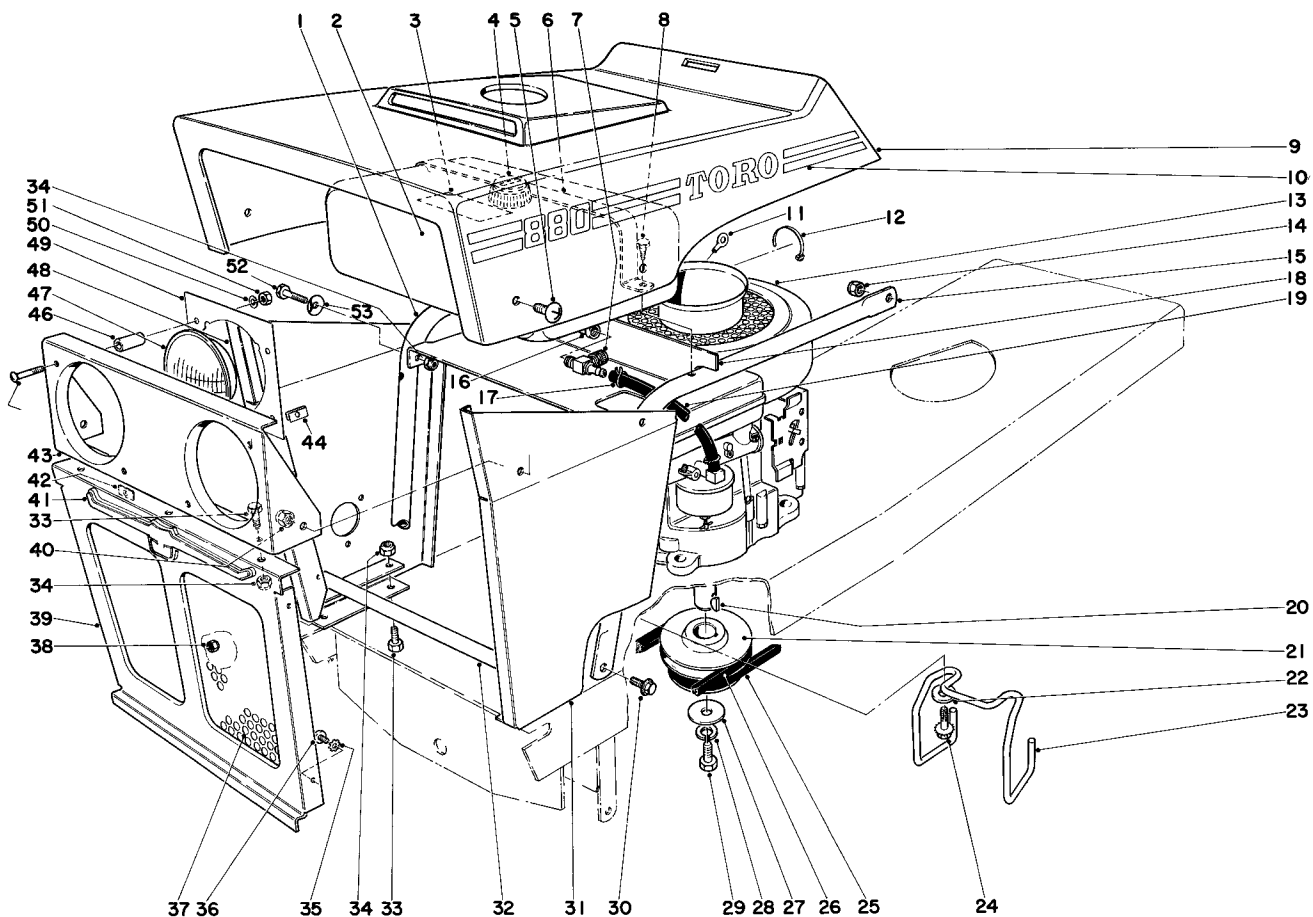
Ref. No.	Part No.	Description	No. Used
25	322-2	Capscrew	7
26	32152-1	Locknut	18
27	32152-2	Locknut	10
28	7-6020	Support Guide	1
29	321-2	Capscrew	3
30	7-6720	Belt Guide	1
31	32152-3	Locknut	2
32	7-7620	Spring Seat	2
33	323-4	Capscrew	7
34	7-4032	Hitch	1
35	7-5250	Support Left	1
36	256-172	Bushing	2
37	3256-3	Flatwasher	1
38	7-4043	Idler Arm Incl. Ref. #36	1
39	7-4130	Pad Left	1
40	32104-77	Self Tapping Screw	2
41	7-4034	Foot Rest L. H.	1
42	7-0731	Shoulder Bolt	1
43	7-5290	Support Transaxle	1
44	7-4073	Lever	1
45	32152-4	Locknut	3
46	7-4071	Shoulder Bolt	1
47	7-4035	Clutch Rod	1
48	7-4373	Spring Tension Idler Arm	1



CHASSIS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
49	7-3976	Spring Bracket	1
50	7-0448	Idler Pulley	1
51	323-9	Capscrew	1
52	322-3	Capscrew	6
53	2410-26	Plug Button	4
54	7-4005	Cross Tube Front	1
55	32121-45	Roll Pin	2
56	7-3668	Pedal Stop	1
57	7-4292	Spring Tension Counter Balance	1
58	7-4052	Lift Equalizer	1
59	7-4055	Pedal L. H.	1
60	7-3901	Pad Clutch Pedal	1
61	7-4238	Pedal Return Spring	1
62	32121-51	Roll Pin	2
63	7-8150	Mounting Bracket	1
64	7-5540	Switch Spno	1

Ref. No.	Part No.	Description	No. Used
65	32104-77	Self Tapping Screw	2
66	7-4196	Rod P.T.O. Control	1
67	3256-3	Flatwasher	2
68	3290-307	Hair Pin Cotter	1
69	32104-28	Self Tapping Screw	2
70	7-7420	Frame	1
71	7-4191	Lever Pedal Shaft	2
72	7-4240	Pedal Return Spring	1
73	7-5660	Pedal R. H.	1
74	2412-26	Clamp — Cable	2
75	7-0532	Washer	1
76	237-62	Grommet	1
77	7-4590	Pedal Stop	1
78	7-3900	Pad Brake Pedal	1
79	7-5560	Brake Rod Front	1
80	7-0163	Shoulder Bolt	1

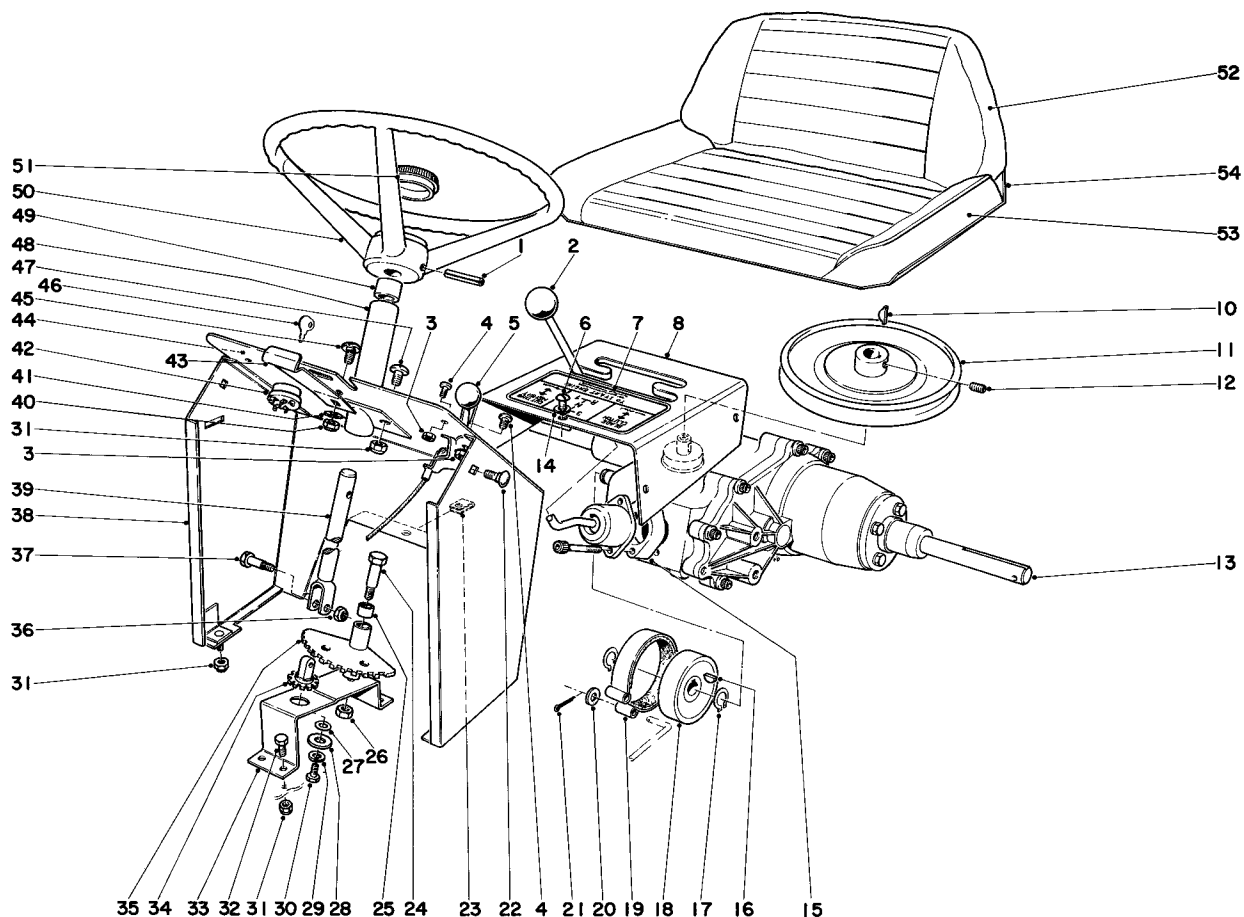


HOOD AND ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	7-7570	Support Gas Tank R. H.	1
2	7-4920	Gas Tank	1
3	7-4600	Decal — Gas Tank	1
4	5-3460	Gas Cap	1
5	3258-158	Screw — Phillips Head	4
6	7-7490	Hold Down — Gas Tank	1
7	7-7260	Gas Line Shut Off Valve	1
8	32104-76	Self Tapping Screw	2
9	7-7890	Hood	1
10	7-8360	Decal Hood L. H.	1
*	7-8350	Decal Hood R. H.	1
11	218-445	Terminal	1
12	7-3123	Cable Tie	1
13	221-376	Engine	1
14	32152-4	Locknut	1
15	7-7560	Support Gas Tank L. H.	1
16	7-8180	90° Elbow	1
17	2412-33	Clamp — Gas Line	2
18	7-7920	Tray Gas Tank	1
19	7-3983	Gas Hose	1
20	3257-3	Woodruff Key	1
21	7-7450	Engine Pulley	1
22	3256-22	Washer	2
23	7-8730	Belt Guide	1
24	32140-15	Self Tapping Screw	2
25	7-4232	Belt	1
26	7-4231	Belt	1

Ref. No.	Part No.	Description	No. Used
27	3256-4	Flat Washer	1
28	3253-21	Lockwasher	1
29	3211-9	Capscrew	1
30	322-3	Capscrew	2
31	7-5310	Skin Left Front	1
32	7-4106	Hinge	1
33	321-2	Capscrew	7
34	32152-4	Locknut	9
35	3255-17	Lockwasher	4
36	3290-111	Screw Pan Head	4
37	7-5980	Panel Grille	1
38	3296-12	Nut	5
39	7-6040	Grille	1
40	32152-1	Locknut	4
41	7-3441	Bullshead Grille	1
42	3290-275	Tinnerman Nut	3
43	7-4213	Headlamp — Panel	1
44	3290-191	Tinnerman Nut	4
45	32122-45	Screw Phillip Head	4
46	7-4254	Spacer	4
47	7-1646	Headlamp	2
48	7-7880	Skin Right Front	1
49	7-4320	Holder — Headlight	2
50	3253-12	Lockwasher	4
51	3217-26	Nut	4
52	321-8	Capscrew	2
53	3-7501	Curved Washer	2

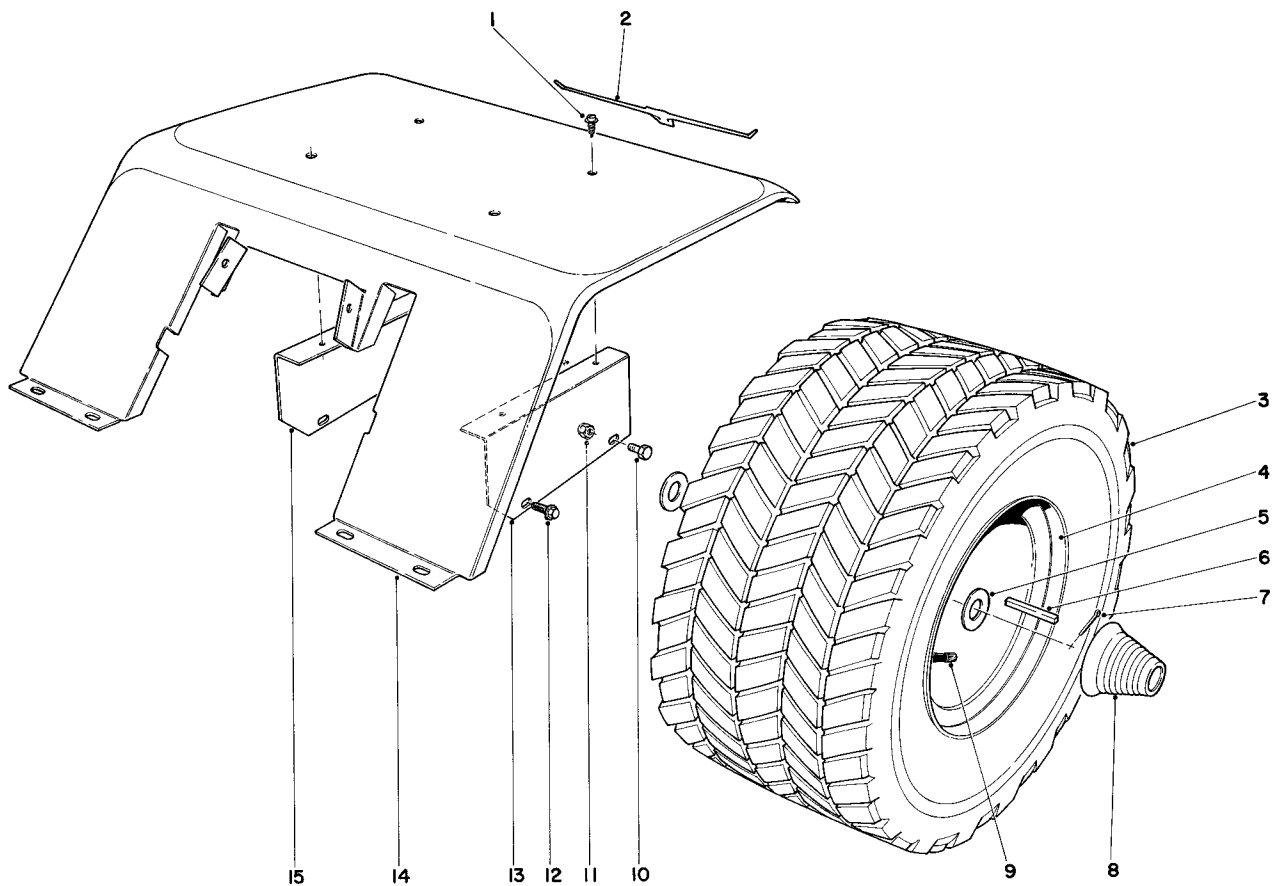
*Not Illustrated



DASH AND TRANSAXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32121-78	Roll Pin	1
2	233-21	Knob	1
3	32149-7	Nut	1
4	3290-305	Phillips Head Screw	6
5	7-5370	Throttle Control	1
6	3258-2	Screw	5
7	7-8120	Decal — Shift Pattern	1
8	7-5360	Tunnel	1
10	3257-30	Woodruff Key	1
11	7-4051	Pulley	1
12	3242-13	Set Screw	2
13	7-4001	Transaxle	1
14	3253-3	Lockwasher	5
15	7-4264	Extension Shift Housing	1
16	3257-32	Woodruff Key	1
17	32120-64	Snap Ring	2
18	7-4218	Brake Drum	1
19	7-4220	Brake Band	1
20	3256-3	Flat Washer	1
21	3272-6	Cotter Pin	1
22	3229-1	Carriage Bolt	2
23	3290-192	Tinnerman Clip	5
24	7-5500	Shoulder Bolt	1
25	256-100	Bushing	2
26	32146-6	Locknut	1
27	7-5990	Spacer	1
28	7-6640	Washer	1

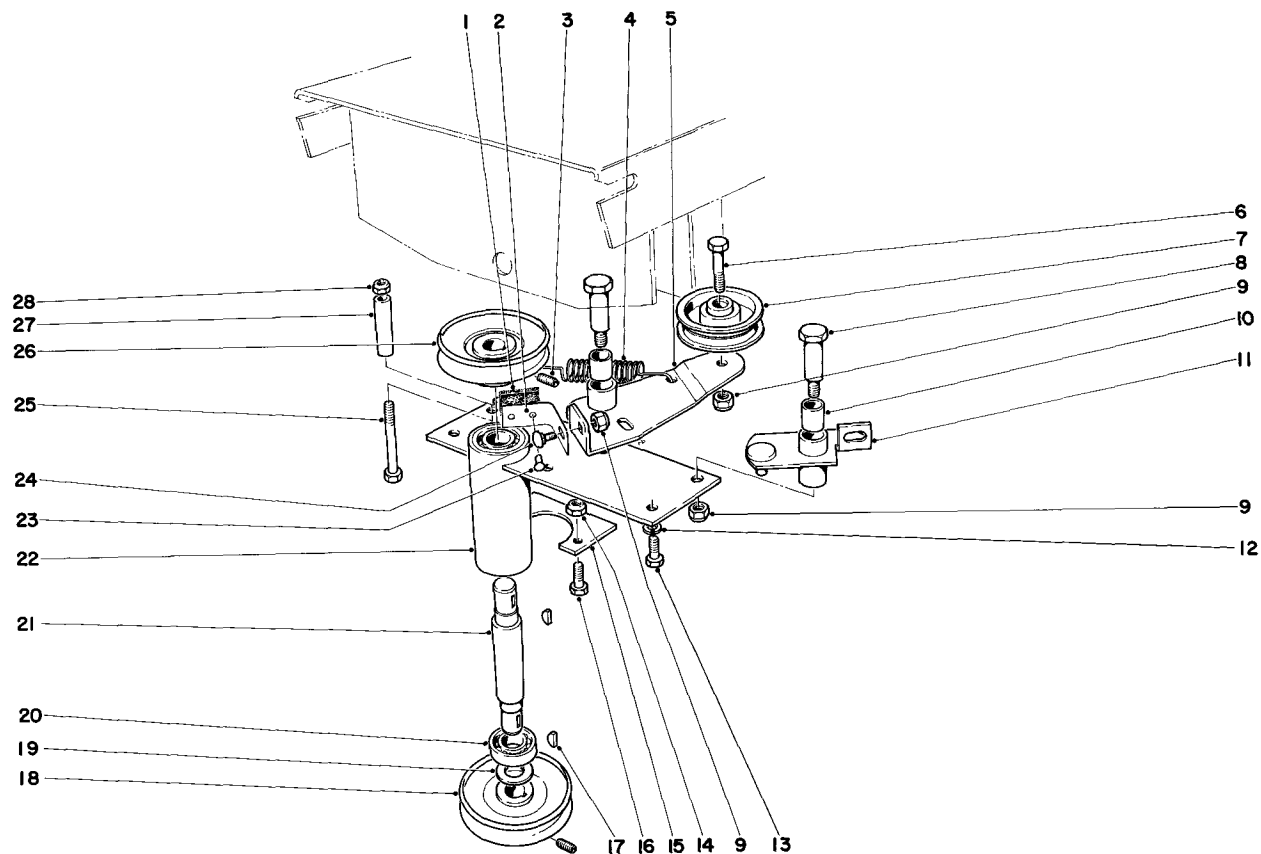
Ref. No.	Part No.	Description	No. Used
29	3253-3	Lockwasher	1
30	321-4	Capscrew	1
31	32152-1	Locknut	8
32	322-3	Capscrew	4
33	7-4148	Bracket	1
34	7-6000	Pinion Steering	1
35	7-5920	Steering Gear Inc. Ref. #25	1
36	32152-5	Locknut	1
37	7-6010	Shoulder Screw	1
38	7-5590	Dash	1
39	7-5960	Steering Shaft	1
40	32152-4	Locknut	1
41	3256-22	Flatwasher	1
42	7-5240	Starter Switch	1
43	7-5080	Hood Latch	1
44	7-8400	Decal Dash	1
45	3229-23	Carriage Bolt	1
46	218-412	Ignition Key	1
47	3258-158	Rd. Hd. Phillips Screw	2
48	7-4002	Steering Tube	1
49	256-167	Bushing	1
50	238-5	Steering Wheel	1
51	7-4323	Steering Wheel Cap	1
52	351-49	Seat Back	1
53	351-50	Seat Cushion	1
54	351-51	Seat Frame	1



REAR TIRE AND FENDER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32104-77	Self Tapping Screw	4
2	7-8050	Decal Rear Fender	1
3	231-60	Tire 16-7.50x8.00	2
4	217-97	Rim Qty.	2
5	7-4115	Washer	4
6	5-1865	Key	2
7	3272-22	Cotter Pin	2
8	7-4116	Hub Cap Rear	2

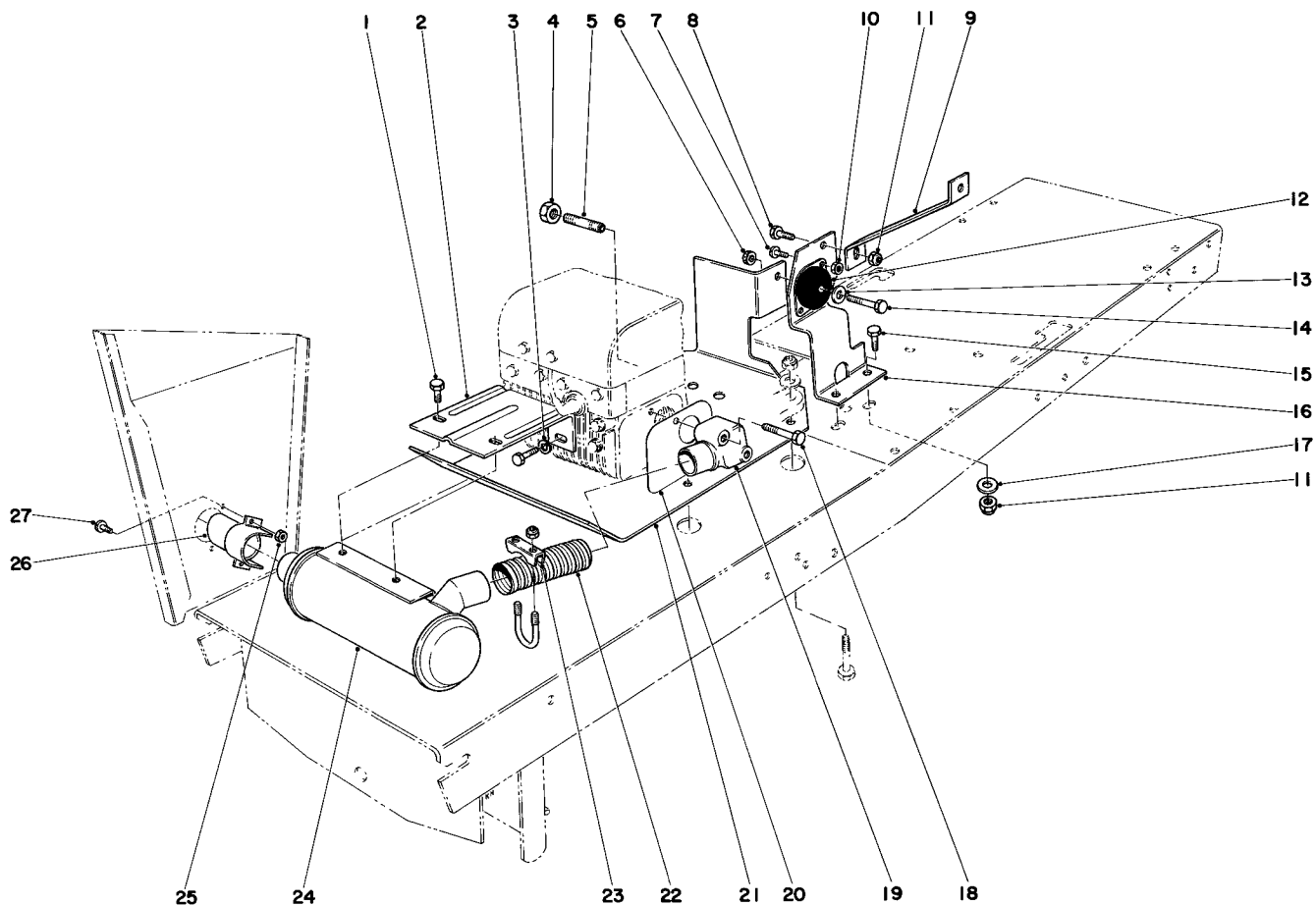
Ref. No.	Part No.	Description	No. Used
9	232-21	Valve Stem	2
10	322-3	Capscrew	2
11	32152-1	Locknut	2
12	32140-15	Sems Screw	2
13	7-4120	Fender Support L. H.	1
14	7-5120	Fender	1
15	7-4118	Fender Support R. H.	1



POWER TAKE-OFF ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	7-0643	Brake Lining	1
2	7-4093	Spring P.T.O. Brake	1
3	3246-1	Set Screw	4
4	7-3970	Spring Tension	1
5	7-4190	Idler Plate Incl. Ref. #10	1
6	323-3	Capscrew	1
7	3-4244	Idler Pulley	1
8	7-0731	Shoulder Bolt	2
9	32152-2	Locknut	4
10	256-172	Bushing	4
11	7-4094	Pivot Bracket Incl. Ref. #10	1
12	3253-4	Lockwasher	3
13	322-3	Capscrew	3
14	32152-1	Locknut	2

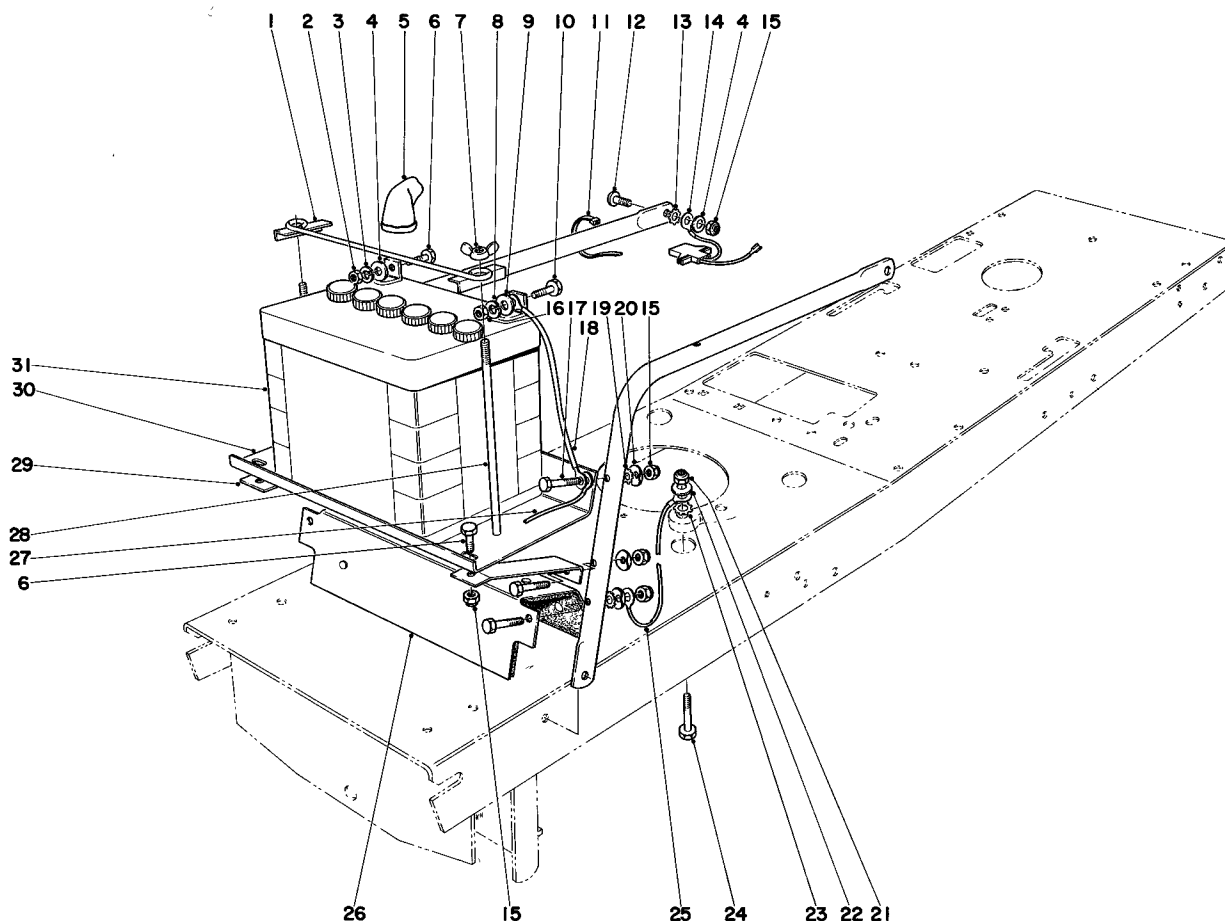
Ref. No.	Part No.	Description	No. Used
15	7-8230	Retainer P.T.O. Tube	1
16	322-2	Capscrew	2
17	3257-5	Key	2
18	7-4096	Pulley	1
19	7-0777	Washer — Bearing	1
20	251-5	Bearing	2
21	7-4095	Shaft P.T.O.	1
22	7-8210	P.T.O. Tube	1
23	3295-21	Pop Rivet	2
24	3231-21	Carriage Bolt	1
25	322-12	Capscrew	1
26	7-3796	Pulley	1
27	7-4097	Spacer	1
28	32152-1	Locknut	1



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	Pipe Cap	1
5	289-36	Pipe Nipple	1
6	32153-2	Locknut	3
7	32122-30	Truss Head Screw	6
8	322-3	Capscrew	1
9	7-7470	Brace	1
10	32153-1	Locknut	6
11	32152-1	Locknut	3
12	7-6990	Rubber Mount	3
13	3256-24	Flat Washer	3
14	323-9	Capscrew	3

Ref. No.	Part No.	Description	No. Used
15	322-3	Capscrew	2
16	7-7480	Rear Mount	1
17	3256-3	Flatwasher	2
18	7-8850	Capscrew	2
19	7-8760	Elbow Exhaust	1
20	7-8970	Heat Shield	1
21	7-7590	Engine Mount	1
22	7-8700	Tubing – Exhaust	1
23	5-3179	Clamp Assembly	2
24	7-7180	Muffler	1
25	32153-1	Locknut	2
26	7-7070	Exhaust Tip	1
27	3251-2	Round Head Screw	2

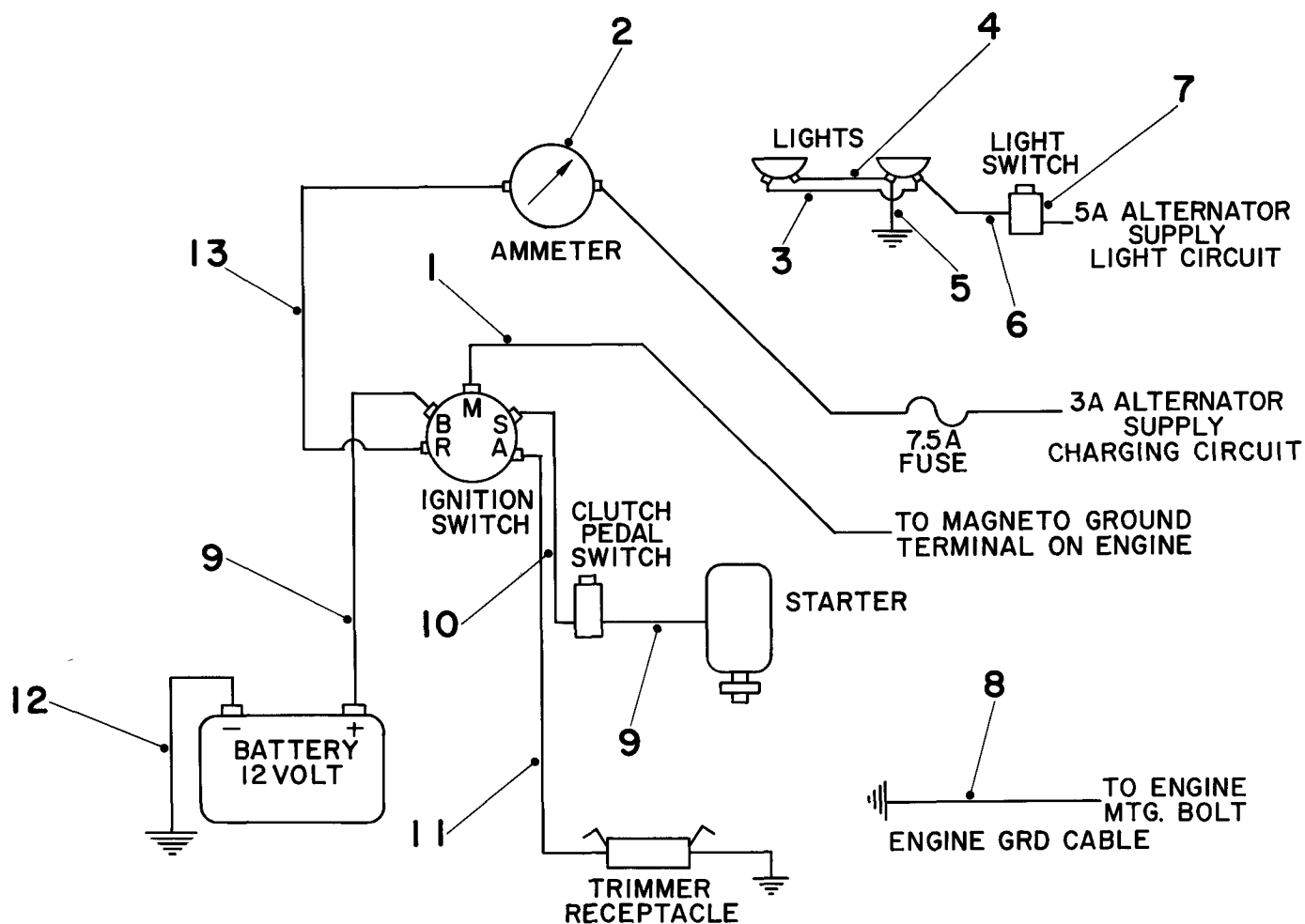


ELECTRICAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	7-0534	Clamp Battery	1
2	3217-5	Full Nut	1
3	3253-3	Lockwasher	1
4	3256-22	Flatwasher	2
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	Flatwasher	1
10	322-3	Capscrew	1
11	7-3123	Cable Tie	2
12	3229-1	Carriage Bolt	1
13	3255-7	Lockwasher	3
14		Wire Assy. Trimmer Receptacle	1
15	32152-4	Locknut	9
16	3217-6	Nut	1
17	321-8	Capscrew	6

Ref. No.	Part No.	Description	No. Used
*18		Wire Assembly Battery to Ground	1
*19	3255-7	Lockwasher	3
20	3-7501	Curved Washer	6
21	32152-1	Locknut	4
22	3256-23	Washer	4
23	3255-8	Lockwasher	1
24	322-7	Capscrew	4
25		Wire Assembly Engine to Ground	1
26	7-8040	Heat Shield	1
*27		Wire Assembly Headlight to Ground	1
28	7-3328	Battery Bolt	2
29	7-7980	Brace Battery Shelf	2
30	7-7690	Battery Shelf	1
31	8-9490	Battery	1

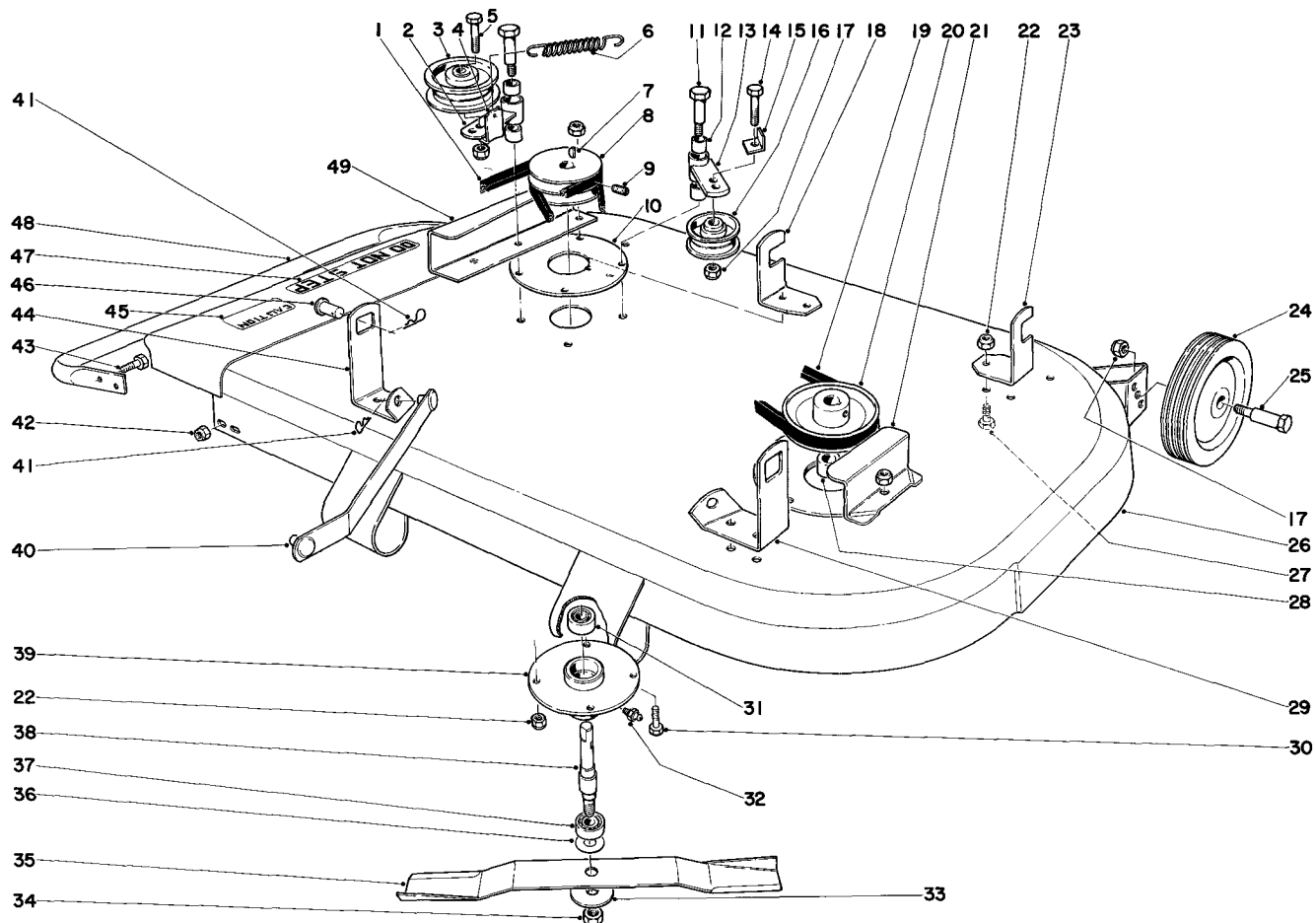
* Use on opposite side only.



ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	7-6220	Wire Assy. Switch to Magneto	1
2	7-6130	Ammeter Gauge	1
3	7-3543	Wire Assy. Light to Light	1
4	7-3538	Wire Assy.-Light to Light	1
5	7-3541	Wire Assy.-Light to Ground	1
6	7-6190	Wire Assy.-Light to Light	1
7	7-1780	Light Switch	1

Ref. No.	Part No.	Description	No. Used
8	7-7630	Wire Assy.-Engine to Ground	1
9	7-8190	Wire Assy.	2
10	7-6230	Wire Assy. Starter Switch to Pedal Switch	1
11	7-5230	Wire Assy. Trimmer Receptacle	1
12	7-4080	Wire Assy. Battery to Ground	1
13	7-6180	Wire Assy. Ammeter to Switch	1

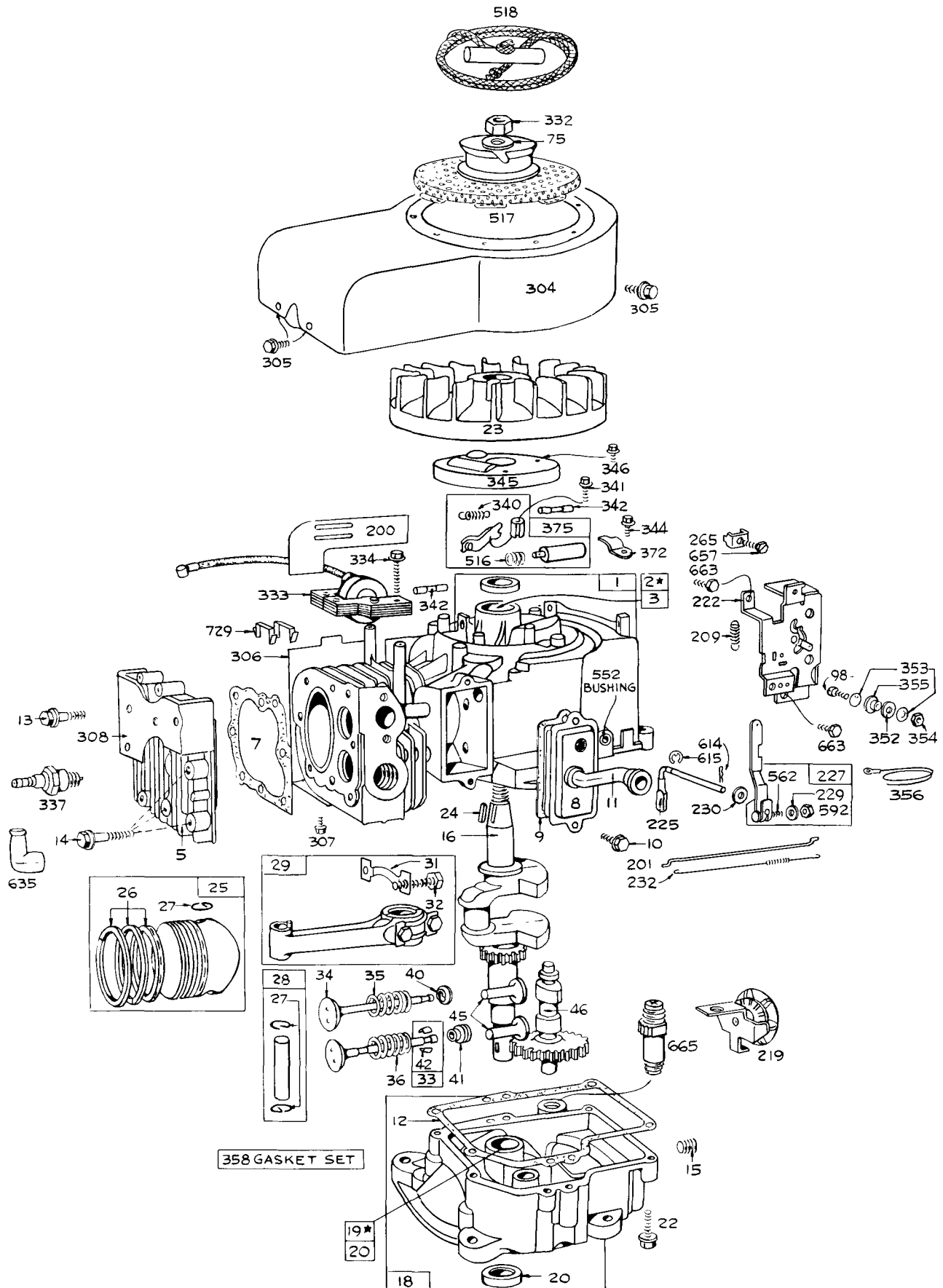


36" MOWER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	7-4230	Belt	1
2	7-3780	Idler Plate Incl. Ref. #12	1
3	7-8680	Idler Pulley	1
4	7-8670	Belt Retainer	1
5	323-9	Capscrew	1
6	7-3977	Spring Tension	1
7	3257-5	Woodruff Key	2
8	7-3788	Pulley	1
9	3246-2	Set Screw	2
10	7-0252	Washer	2
11	7-3878	Shoulder Bolt	2
12	256-172	Bushing	4
13	7-3781	Idler Plate Incl. Ref. #12	1
14	323-8	Capscrew	1
15	7-3976	Spring Bracket	1
16	3-4244	Idler Pulley	1
17	32152-2	Locknut	4
18	7-4210	Bracket	1
19	7-4228	Belt	1
20	7-3796	Pulley	1
21	7-4212	Belt Guard	1
22	32152-1	Locknut	16
23	7-4208	Mower Bracket	1
24	241-87	Wheel	2
25	7-0262	Axle Bolt	2

Ref. No.	Part No.	Description	No. Used
26	7-7610	Mower Housing	1
27	322-2	Capscrew	8
28	7-3747	Spacer — Blade Spindle	1
29	7-4206	Mower Bracket	1
30	322-4	Capscrew	6
31	251-5	Bearing	2
32	302-5	Grease Fitting	2
33	7-0253	Washer	2
34	32152-6	Locknut	2
35	7-2464	Blade	2
36	7-3590	Flat Washer	2
37	251-123	Bearing	2
38	7-3744	Blade Spindle	2
39	7-0287	Mower Spindle Housing	2
40	7-4111	Tow Bar	2
41	3290-250	Hair Pin Cotter	6
42	32152-4	Locknut	4
43	3229-10	Carriage Bolt	4
44	7-4207	Mower Bracket	1
45	7-6630	Decal — Caution	1
46	7-4110	Cleve's Pin	2
47	7-8200	Decal	1
48	7-4211	Mower Guard	1
49	7-4317	Guard Mower	1

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

Ref. No.	Part No.	Description	No. Used
	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

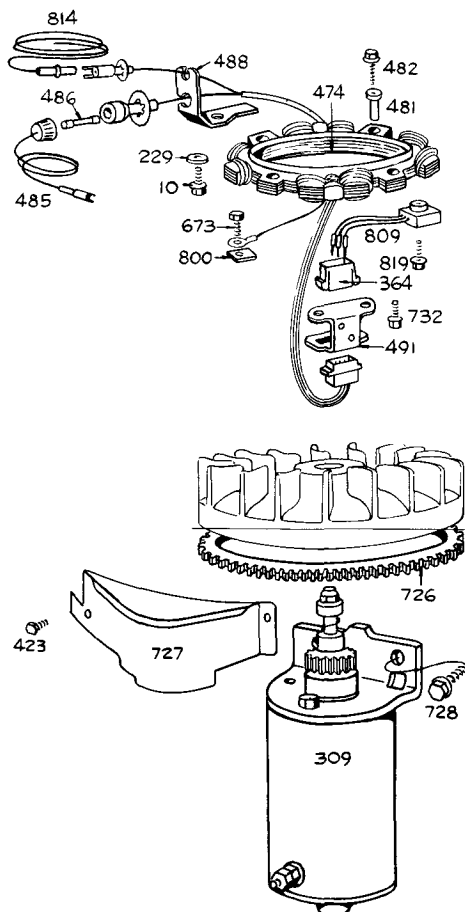
MODEL 190707-0626 ENGINE ASSEMBLY (Electric Start)

BRIGGS & STRATTON

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. — 8-32	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., 10-24	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

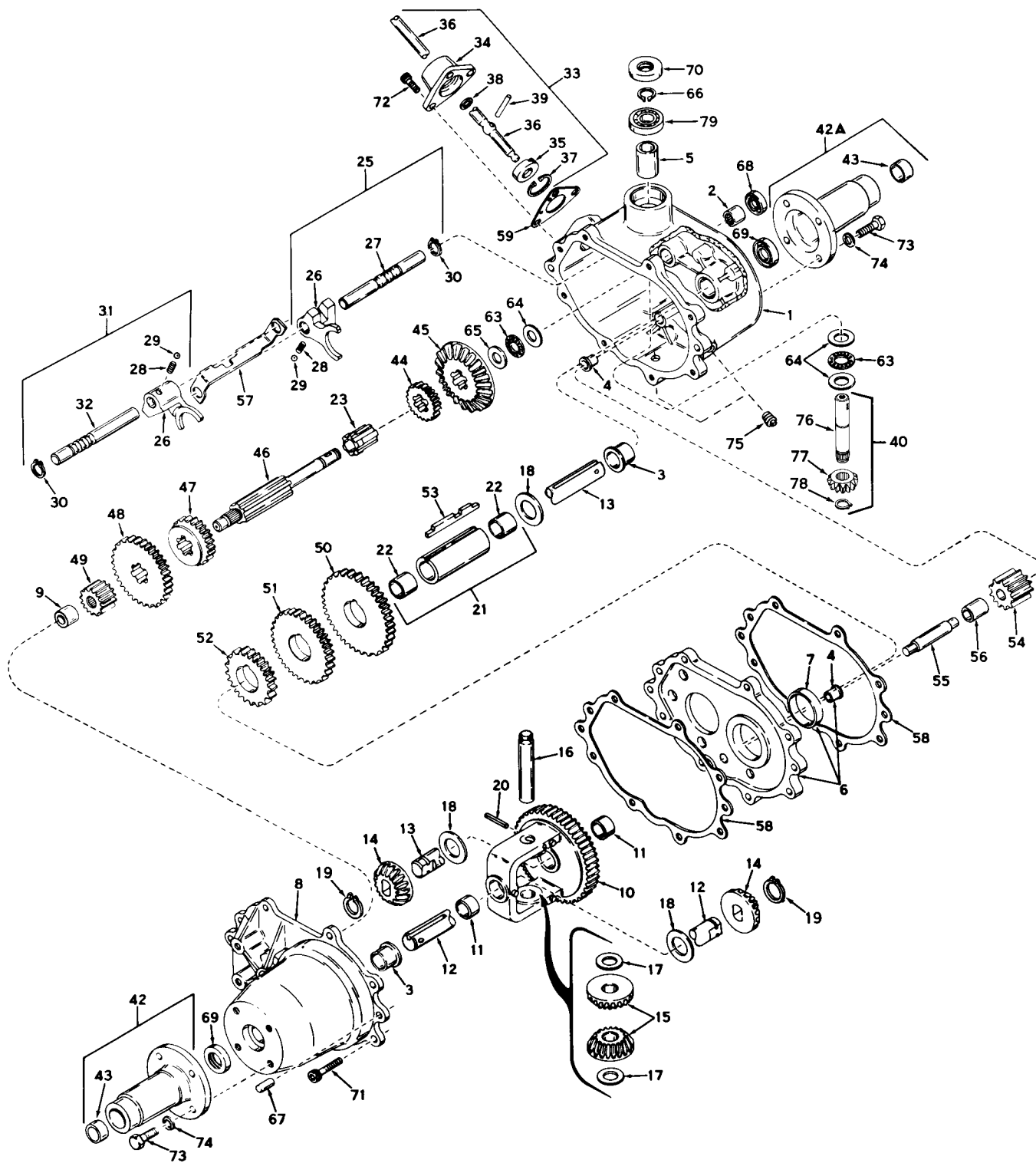
♦ Included in Gasket Set — Part No. 299577



ALTERNATOR AND STARTER ASSEMBLY

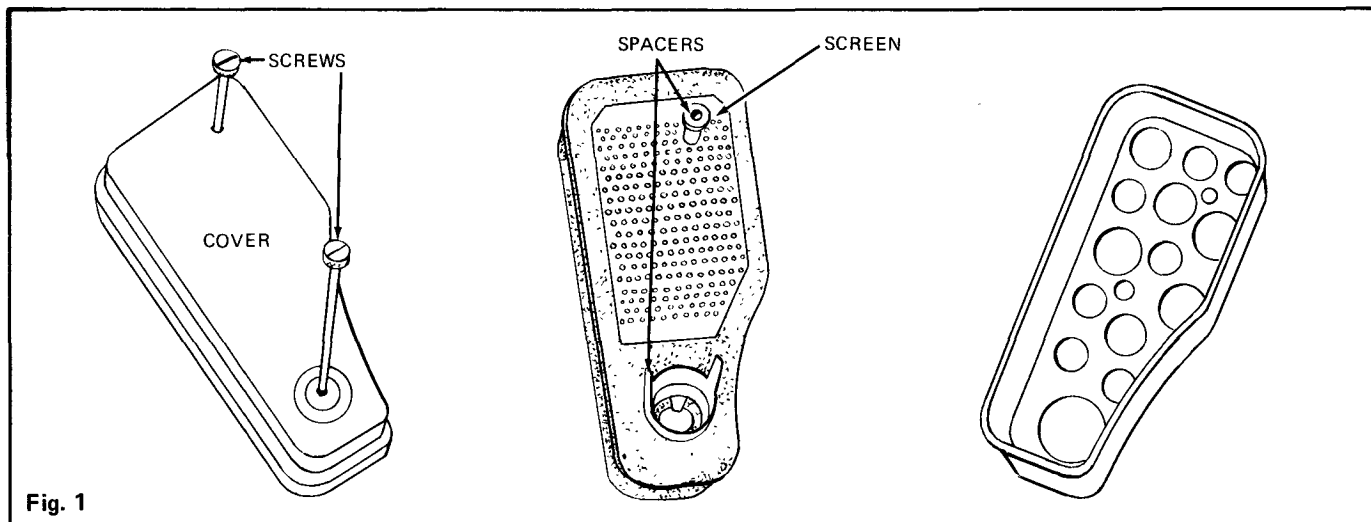
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
10	93536	Screw — Sem	1			Brushes and Springs.	
229	220680	Washer — Flat	1			B & S No. 390448 (*)	
309	390307	Motor — Starting	1			B & S No. 390455 (**)	
(*)		American Bosch-Arma				Thru Bolt Assembly includes	
		No. SMH 12-A11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

TRANSAXLE PEERLESS MODEL NO. 615 ASSEMBLY



MAINTENANCE

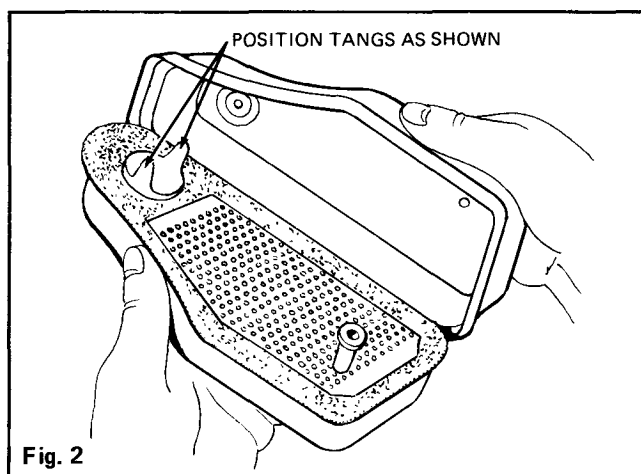
SERVICING THE AIR CLEANER



CLEAN AIR CLEANER and re-oil element every 25 hours under normal conditions.

1. Remove two screws and lift off complete air cleaner assembly.
2. Remove screen and spacers from foam element.
3. Remove foam element from air cleaner body.
4. A. Wash foam element in kerosene or liquid detergent and water to remove dirt.
B. Wrap foam in cloth and squeeze dry.
C. Saturate foam in engine oil. Squeeze to remove.
D. Assemble parts — fasten to carburetor with screw.

When assembling make certain the lip of the foam element extends over edge of the air cleaner body. The foam element lip will form a protective seal.



CARBURETOR ADJUSTMENTS

Minor carburetor adjustment may be required to compensate for differences in fuel, temperature, altitude and load.

To Adjust Carburetor

Turn needle valve clockwise until it just closes.

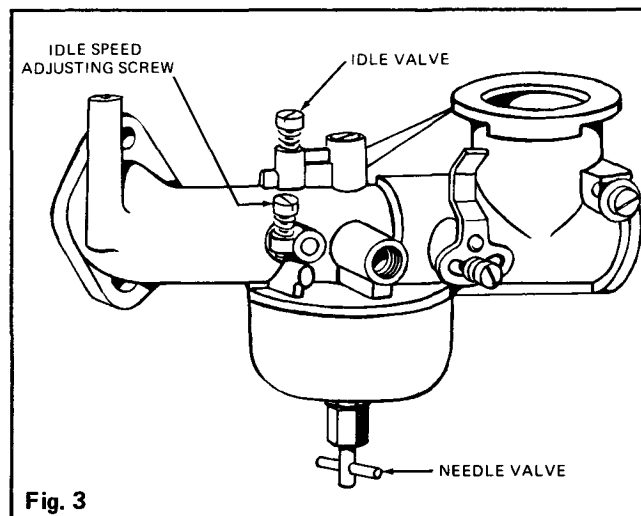
CAUTION: Valve may be damaged by turning it in too far.

Now open needle valve 1-1/8 turns counterclockwise. Close idle valve in same manner and open 1-1/8 turns. This initial adjustment will permit the engine to be started and warmed up prior to final adjustment.

Final Adjustment

Turn needle valve in until engine misses (lean mixture). Then turn it out past smooth operating point until engine runs unevenly (rich mixture). Now turn needle valve to the mid-point between rich and lean so the engine runs smoothly. Hold throttle at idle position and set idle speed adjusting screw until fast idle is obtained (1750 RPM). Hold throttle in idle position and turn idle valve in (lean) and out (rich) until engine idles smoothly. Then reset idle speed

ADJUSTING THE CARBURETOR



adjusting screw so that engine idles at 1750 RPM. Release throttle — engine should accelerate without hesitation or sputtering. If engine does not accelerate properly, the carburetor should be re-adjusted to a slightly richer mixture.

SPECIFICATIONS

ENGINE: 8 H.P., 4 cycle, air cooled, polyurethane element.

FUEL TANK CAPACITY: .9 Gallon under hood

TRANSMISSION: 3 speed forward and 1 reverse

SPEEDS: At 3400 Engine RPM:

- 1st — 1.7 MPH
- 2nd — 3.35 MPH
- 3rd — 5.00 MPH
- Rev — 2.35 MPH

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

TIRES: Front: 13 x 5.00 - 6 Tubeless pneumatic Terra-Tire.

SEAT: Adjustable to two positions. Seat backrest adjustable to three positions.

LIGHTS: Headlights standard.

STEERING: 13" diameter, 3 spoke, 3" dished steering wheel

CUTTER DRIVE: Belt drive from jackshaft ahead of engine.

CUTTER WIDTH: 36"

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

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

HEIGHT-OF-CUT: 1½" to 4" by control lever with infinite height variation.

STARTING: 12 Volt electric start with key switch.

CONTROLS:

Engine: Control wire and casing with slow, fast and choke position mounted on dash.

Transmission: Single lever with 4 position H pattern.

Traction Clutch: Foot operated pedal. Depressing pedal disengages idler pulley from belt.

Brake: Foot operated pedal - right side.

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

GAUGES: Oil minder oil lever gauge, ammeter and gas gauge.

DIMENSIONS:

- Wheel base: 42"
- Wheel tread: 25" front
22¾" rear
- Width: 30" w/o cutter housing
42½" w/cutter housing
- Length: 56½"
- Height: 35"
- Turning radius: 25½"

WEIGHT: 370 pounds with cutter housing.

SAFETY FEATURES: Meets USAS specifications. Separate brake and clutch pedals. Automatic blade brake. Enclosed and guarded drive. Engine cannot be started unless traction clutch is disengaged.

OPTIONAL EQUIPMENT:

- 36" Snow Blade attachment, Model No. 59034
- 36" Snow Blower attachment, Model No. 59032
- Dump Cart, Model No. 59003
- 36" Lawn Roller, Model No. 10T
- 36" Lawn Aerator, Model No. 36H
- 36" Seeder Spreader, Model No. 36H-26
- 30" Lawn Sweeper, Model No. TE-6430
- Spray Boom, Model No. 42254
- York Rake, Model No. RM
- 36" Spiker, Model No. F65
- Bagging Kit, Model No. T-100
- Head Light Kit, Model No. 59037
- Tire Chains, 16 x 7.50 x 8
- Snow Cab, Model No. 3465
- Electric Grass Trimmer, Model No. 87007

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.

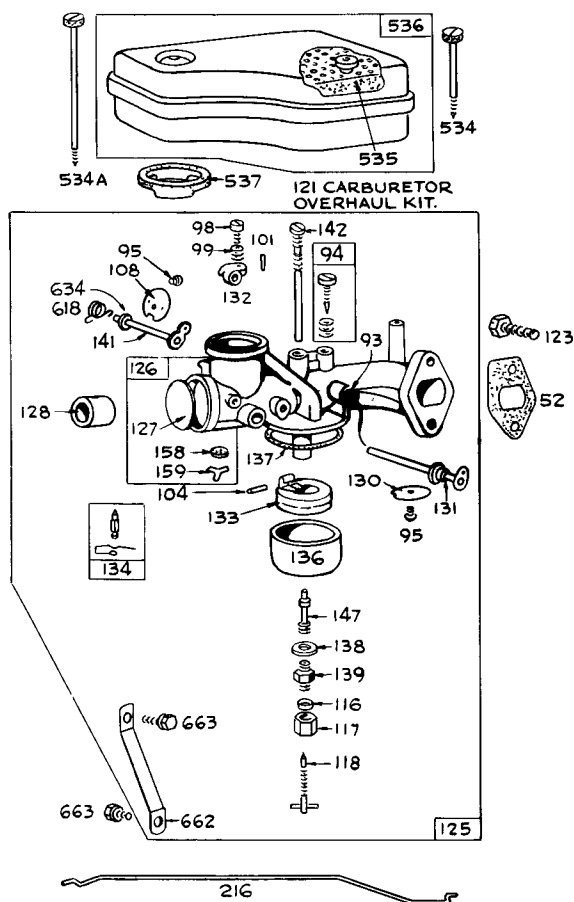
IMPORTANT ORDERING INSTRUCTIONS

Repair parts are available from your TORO dealer.

To insure getting correct parts without delay, please 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.



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

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
52	◆270538	Gasket — Carburetor Mounting	1	132	211712	Stop — Throttle	1
93	23108	Bushing — Throttle Shaft	1	133	299707	Float — Carburetor	1
94	‡292681	Valve Assembly — Carburetor Idle	1	134	‡299096	Valve — Fuel Inlet	1
95	93038	Screw — Throttle and Choke Valve Mtg. Sem	1	136	221995	Bowl — Float	1
98	91920	Screw — Machine, Fill. Head 8-32 x 5/8"	1	137	‡270511	Gasket — Float Bowl	1
99	26157	Spring — Throttle Adjustment	1	138	‡222014	Washer — Float Bowl	1
101	93043	Pin — Throttle Stop	1	139	‡230935	Retainer — Jet Needle	1
104	‡230896	Pin — Float Hinge	1	141	390684	Shaft and Lever — Choke	1
108	222010	Valve — Choke	1	142	‡299740	Nozzle — Carburetor	1
116	‡ 68677	Packing — Needle Valve	1	147	‡230932	Screw — Nozzle	1
117	‡ 23118	Nut — Needle Valve Packing	1	158	27590	Filter — Carburetor Drain	1
118	‡299762	Valve — Needle	1	159	220521	Retainer — Carburetor Drain Filter	1
121	299852	Carburetor Overhaul Kit	1	216	261117	Link — Choke	1
123	93357	Screw — Carburetor Mounting	1	534	93323	Screw — Air Cleaner	1
125	390811	Carburetor Assembly	1	534A	93622	Screw — Air Cleaner	1
126	390812	Body Assy. — Lower Carb.	1	535	270528	Element — Air Cleaner	1
127	221997	Plug — Welch	1	536	390379	Cleaner Assy. — Air	1
128	211682	Venturi — Carburetor	1	537	270539	Gasket — Air Cleaner	1
130	221986	Valve — Throttle	1	618	261116	Spring — Choke Return	1
131	299650	Shaft and Lever — Throttle	1	634	270382	Washer — Choke Shaft	1
				662	222027	Bracket — Carburetor	1
				663	93572	Screw — Bracket Mtg.	1

◆ Included in Gasket Set — Part No. 299577

‡ Included in Carburetor Overhaul Kit — Part No. 299852

TRANSAXLE PEERLESS MODEL NO. 615 ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	770051	Case Assy., Transaxle (Incl. Nos. 2 thru 5)	1
2	780086	Bearing, Needle	1
3	780059	Bearing, Bronze	1
4	780060	Bearing, Bronze	1
5	780061	Bearing, Bronze	1
6	786033	Plate Assy., Center (Incl. Nos. 4 & 7)	1
7	780062	Bearing, Bronze	1
8	772042	Cover Assy., Transaxle (Incl. Nos. 3 & 9)	1
9	780063	Bearing, Needle	1
10	778053	Gear Assy., Differential (Incl. No. 11)	1
11	780064	Bearing, Bronze	1
12	774151	Axle, Left Hand	1
13	774152	Axle, Right Hand	1
14	778067	Gear, Bevel	1
15	778068	Pinion, Bevel	1
16	786034	Pin, Drive	1
17	780065	Washer, Thrust	1
18	780001	Washer, Thrust	1
19	788038	Ring, Snap	1
20	792040	Pin, Roll	1
21	786035	Sleeve Assy., Countershaft (Incl. No. 22)	1
22	780066	Bearing, Bronze	1
23	776090	Shaft, Idler	1
25	784079	Rod Assy., Shift (1st & Rev.) (Incl. Nos. 26 thru 30)	1
26	784004	Fork, Shift	1
27	784083	Rod, Shift	1
28	792003	Spring	1
29	792004	Ball, Steel	1
30	792017	Ring, Snap	1
31	784084	Rod Assy., Shift (2nd & 3rd) (Incl. Nos. 26, 28, 29, 30 & 32)	1
32	784085	Rod, Shift	1
33	784161	Lever & Housing Assy., Shift (Incl. Nos. 34 thru 39)	1
34	784088	Housing, Shift Lever	1
35	784094	Keeper, Shift Lever	1
36	784162	Lever, Shift	1

Ref. No.	Part No.	Description	No. Used
37	792016	Ring, Snap	1
38	792001	Ring, Quad	1
39	792002	Pin, Roll	1
40	776102	Shaft & Gear Assy., Input (Incl. Nos. 76, 77 & 78)	1
42	782036	Housing Assy., Axle (Incl. No. 43)	1
42A	782038	Housing Assy., Axle (Incl. No. 43)	1
43	780091	Bearing, Needle	1
44	778024	Gear (16 teeth)	1
45	778057	Gear, Bevel (33 teeth)	1
46	776089	Shaft, Shifter & Brake	1
47	778058	Gear, Shifting (2nd & 3rd)	1
48	778059	Gear, Shifting (1st & Rev.)	1
49	778060	Gear, Spur (12 teeth)	1
50	778061	Gear, Countershaft Drive (39 teeth)	1
51	778062	Gear, Countershaft (34 teeth)	1
52	778063	Gear, Countershaft (25 teeth)	1
53	792034A	Key, Countershaft	1
54	778064	Idler, Reverse	1
55	776057	Shaft, Reverse Idler	1
56	786036	Spacer, Reverse Idler	1
57	784087	Stop, Shifter	1
58	788033	Gasket, Case & Cover	1
59	788003	Gasket, Shift Lever Housing	1
63	780071	Bearing, Thrust	1
64	780072	Washer, Thrust	1
65	780073	Washer, Thrust	1
66	792035	Ring, Snap	1
67	786026	Pin, Dowel	1
68	788043	Seal, Oil	1
69	788009	Seal, Oil	1
70	788035	Seal, Oil	1
71	792036	Screw, Socket Head Cap	1
72	792051	Screw, Socket Head Cap	1
73	792037	Screw, Hex Head	1
74	792029	Lockwasher	1
75	792039	Plug, Pipe	1
76	776103	Shaft, Input	1
77	778077	Pinion, Input	1
78	788040	Ring, Retaining	1
79	780093	Bearing, Ball	1