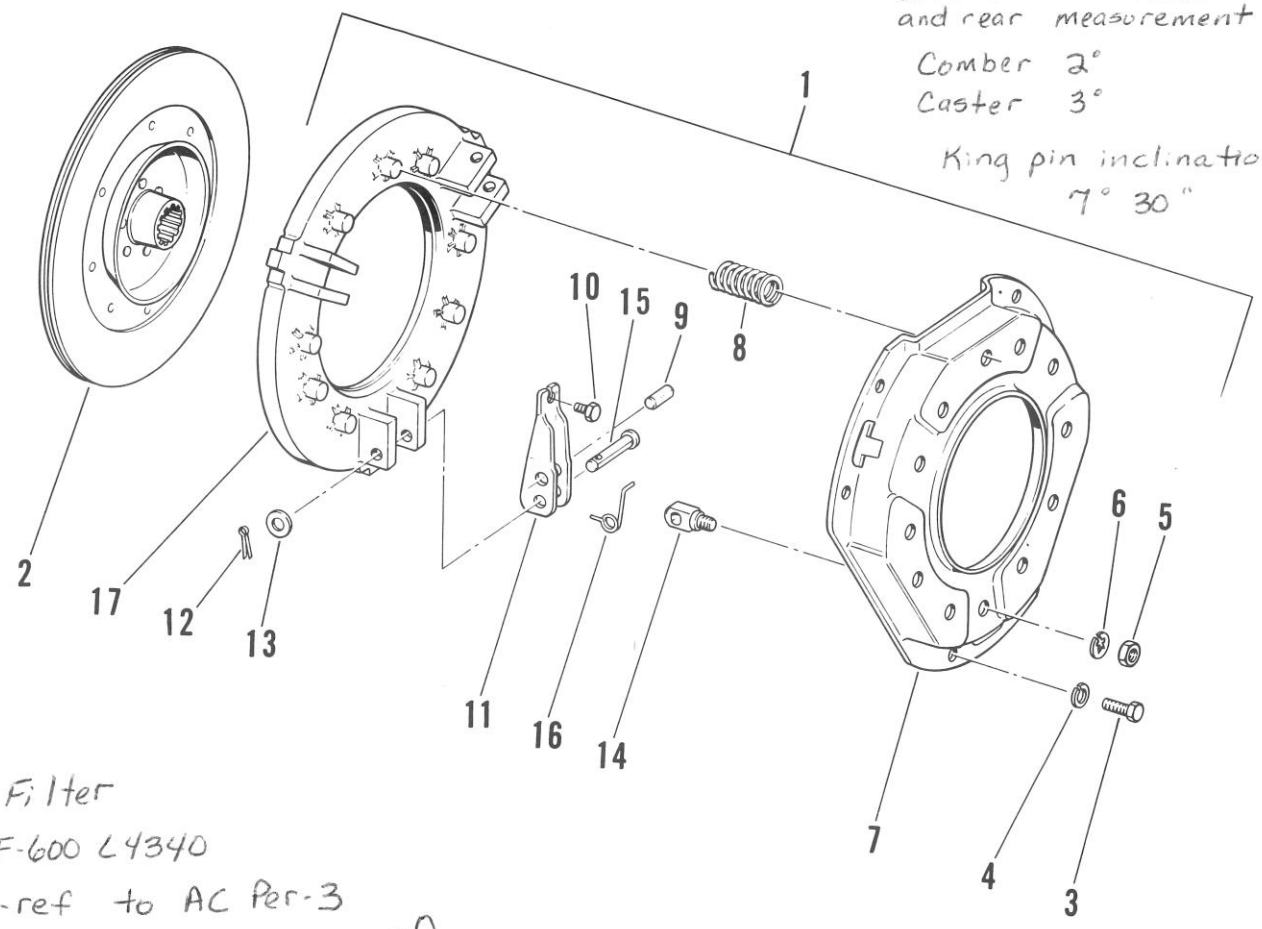
TORO

MODEL NO. 37025 — 10001 THRU 20001 & UP

PARTS CATALOG

GENERAL TRACTOR

Toe-in - 1/8" to 1/4" (can go to 3/8" if nec.)
diff. between front and rear measurement
Comber 2°
Caster 3°
King pin inclination 7° 30"



Oil Filter
F-600 C4340
X-ref to AC Per-3

Air Filter Element A7-5930

CLUTCH ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2118-26	Clutch Cover Assembly, Complete w/Exception of Item 2	1
2	2118-27	Clutch Plate, Driven Member Assembly	1
*	2118-42	Facing Kit, consists of two facings and necessary rivets for installation	
3	5-1533	Capscrew, Clutch Housing to Flywheel	6
4	3253-21	Lockwasher, Clutch Housing to Flywheel	6
5	2118-41	Nut, Pivot Block to Cover	3
6	2118-29	Lockwasher, Pivot Block to Cover	3
7	2118-30	Cover, Pressure Plate	1
8	2118-31	Spring, Pressure	9
9	2118-32	Pin, Pivot	3
10	2118-33	Screw, Adjusting	3
11	2118-34	Lever, Pressure Plate Release	3
12	2118-35	Pin, Cotter	3
13	2118-36	Washer, Retainer	3
14	2118-37	Pivot Block	3
15	2118-38	Pin, Lever	3
16	2118-39	Spring, Lever	3
17	2118-40	Plate, Pressure	1

NOTE: See item #21, page 13, for clutch throw-out bearing.

* Not Illustrated

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Minneapolis, Minnesota 55420 U.S.A.

Price $1.00

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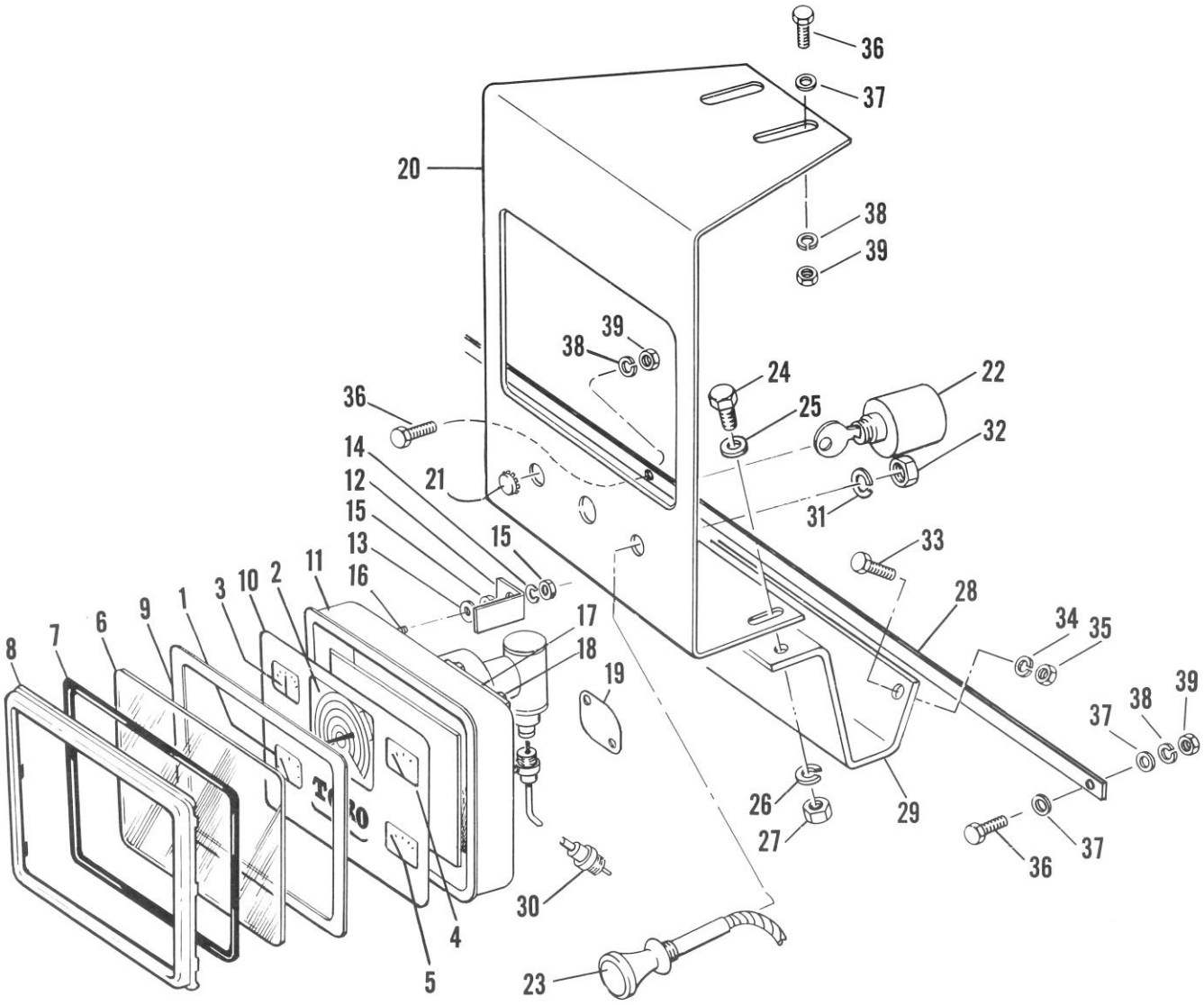
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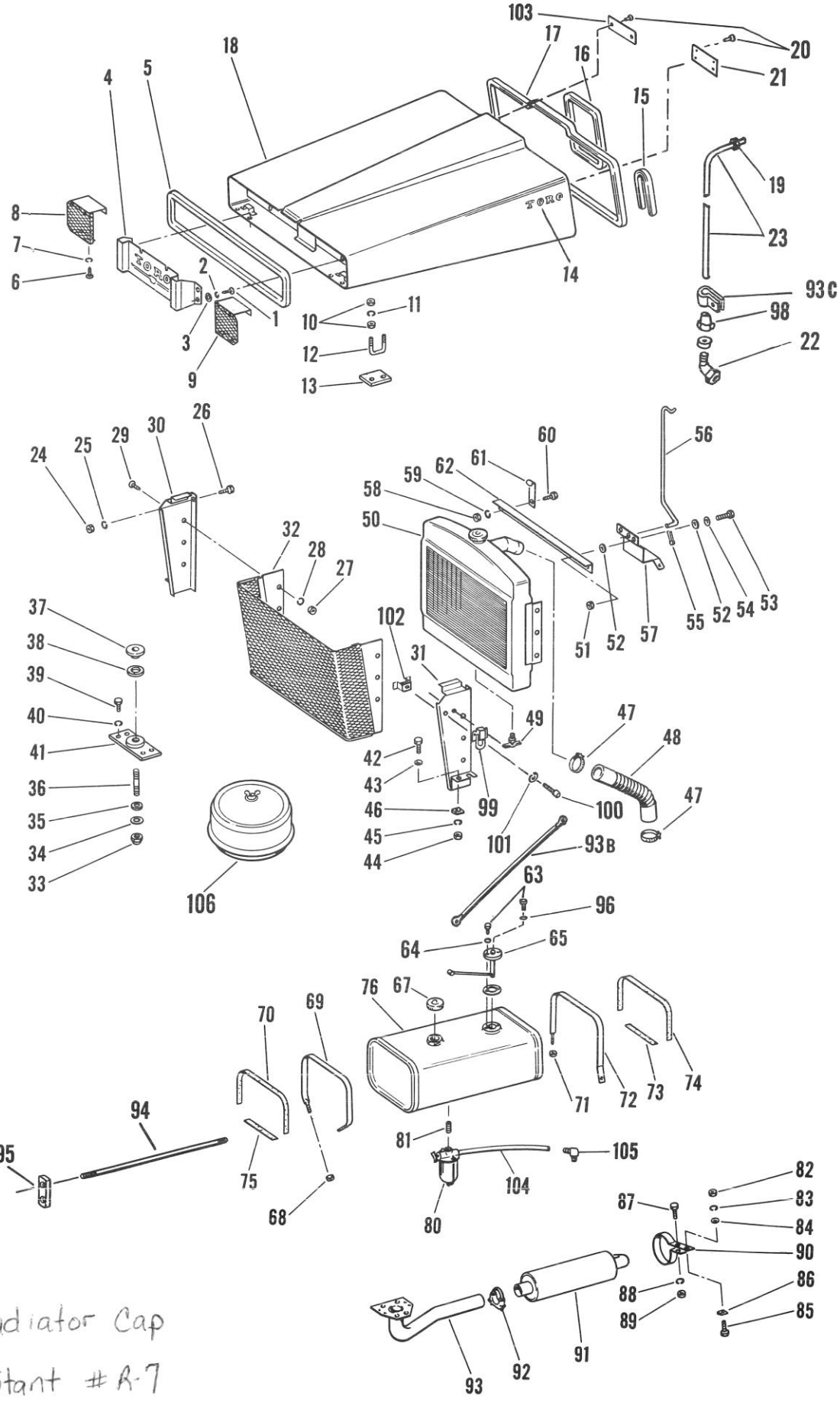
12V Wiring Diagram 35



INSTRUMENT PANEL

Ref. No.	Part No.	Description	No. Used
1	218-416	Temperature Gauge	1
2	218-413	Tachometer	1
3	218-414	Ammeter	1
4	218-417	Oil Pressure Gauge	1
5	218-415	Fuel Gauge	1
6	218-423	Glass	1
7	218-419	Gasket	1
8	218-422	Bezel	1
9	218-418	Gasket	1
10	218-421	Panel	1
11	218-424	Case & Light Shield	1
12	218-425	Mounting Bracket	4
13	3254-10	Lockwasher	4
14	3253-17	Lockwasher	4
15	3219-14	Nut	4
16	218-427	Stud	4
17	218-420	Gasket	1
18	3250-3	Screw	8
19	218-426	Gasket	4
20	5-4428	Panel, Instrument	1

Ref. No.	Part No.	Description	No. Used
21	2410-13	Plug Button	1
22	218-247	Ignition Starter Switch	1
23	3-3196	Choke Control	1
24	322-3	Capscrew	3
25	3256-23	Washer	2
26	3253-4	Lockwasher	3
27	3217-6	Full Nut	3
28	3-3831	Support	1
29	3-3198	Lower Bracket Instr. Panel	1
30	5-4432	Flexible Shaft	1
31	3253-21	Lockwasher	1
32	3220-3	Nut	1
33	3211-3	Capscrew	2
34	3253-21	Lockwasher	2
35	3219-3	Nut	2
36	3210-3	Capscrew	5
37	3256-23	Flatwasher	4
38	3253-4	Lockwasher	5
39	3219-2	Nut	5



Radiator Cap

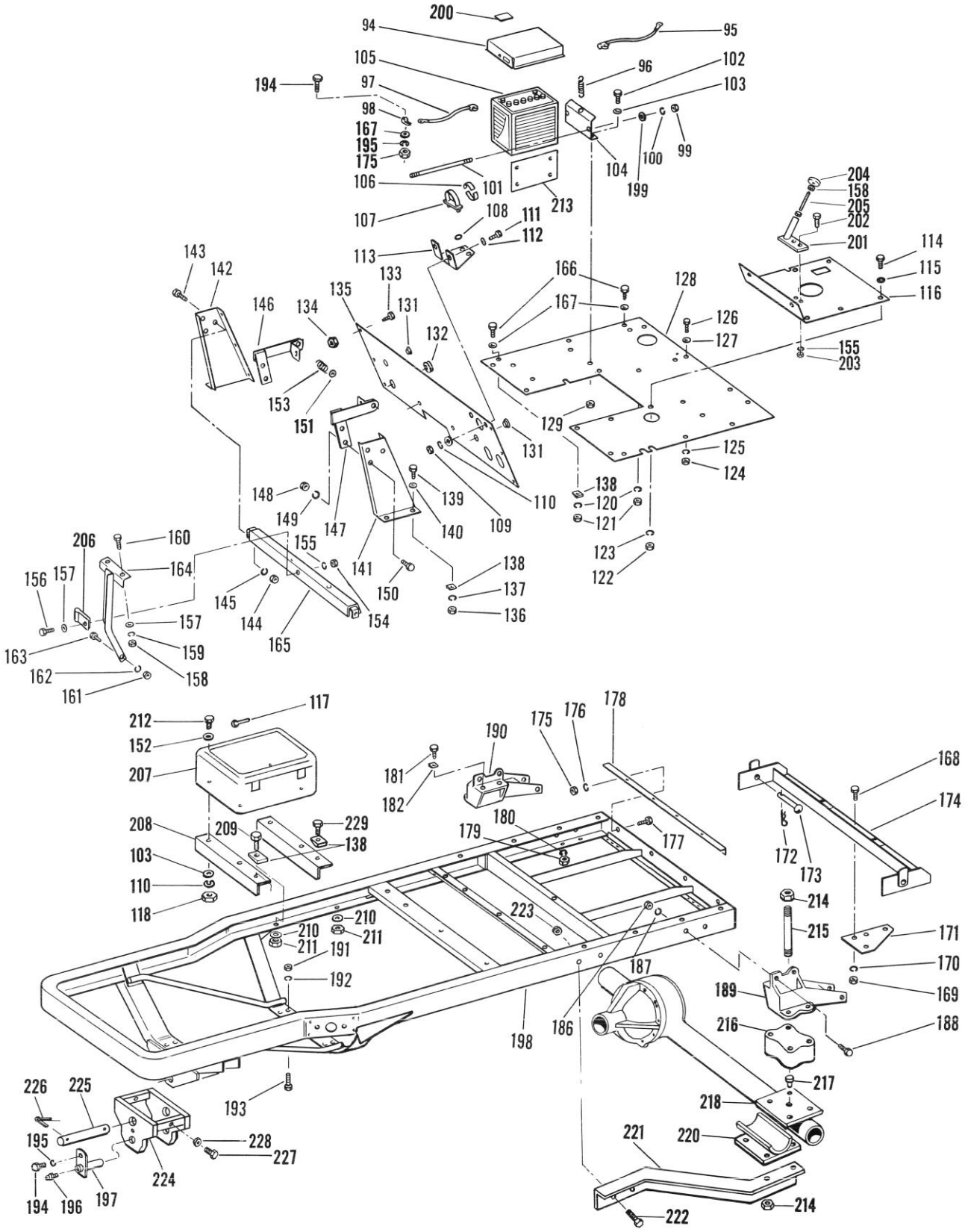
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HOOD, RADIATOR, FUEL TANK AND MUFFLER

Ref. No.	Part No.	Description	No. Used
1	32104-13	Screw, Self-tapping	4
2	3253-17	Lockwasher	4
3	3256-14	Flatwasher	4
4	3-3420	Name Plate	1
5	3-3004	Moulding, Front	1
6	32104-13	Screw, Self-tapping	4
7	3253-17	Lockwasher	4
8	3-3940	Grille, Hood, Right Hand	1
9	3-3930	Grille, Hood, Left Hand	1
10	3217-5	Nut, U-Bolt Retaining	8
11	3253-3	Lockwasher	4
12	3-3207	U-Bolt	2
13	3-3213	Bumper	2
14	3-3225	Decal, Side Hood	2
15	3-3007	Moulding, Steering Wheel Cut-out	1
16	5-4433	Moulding, Instrument Panel Cut-out	1
17	3-3005	Moulding, Rear	1
18	5-4430	Hood	1
19	304-91	Tubing Nut	1
20	3290-56	Pop Rivet	6
21	3-1834	Instruction Plate	1
22	304-70	Elbow	1
23	5-4434	Tube, Oil	1
24	3219-2	Nut, Mount Retaining	2
25	3253-4	Lockwasher	2
26	3210-3	Capscrew	2
27	3219-2	Nut, Radiator Retaining	6
28	3253-4	Lockwasher	6
29	32122-2	Machine Screw	6
30	3-9890	Side Plate, Right Hand	1
31	3-9880	Side Plate, Left Hand	1
32	3-3770	Grille	1
33	32127-36	Jam Lock Nut	1
34	3256-27	Flatwasher	1
35	3-3461	Washer, Rubber, Lower	1
36	3-3462	Stud	1
37	3-3823	Cover, Front Engine Mount	1
38	5-2974	Washer, Rubber, Upper	1
39	3211-13	Capscrew, Engine Retaining	4
40	3253-21	Lockwasher	4
41	3-5270	Engine Mount, Front	1
42	3213-3	Capscrew	4
43	3256-26	Flatwasher	4
44	3219-5	Nut, Side Plate Retaining	4
45	3253-7	Lockwasher	4
46	3290-216	Washer, Bevel	4
47	2412-3	Hose Clamp	4
48	2310-7	Hose, Radiator, Upper	1
49	304-46	Drain Cock, Radiator	1
50	2111-7	Radiator	1

Ref. No.	Part No.	Description	No. Used
51	3296-4	Lock Nut	2
52	3-3846	Rubber Washer	2
53	3210-6	Capscrew	2
54	2-1590	Flatwasher	2
55	3272-9	Pin, Cotter	1
56	3-3133	Prop, Hood	1
57	3-3800	Support, Fuel Tank	1
58	3219-2	Nut	1
59	3253-4	Lockwasher	1
60	3210-3	Capscrew	1
61	3-3134	Hold Down, Prop	1
62	3-3124	Mount, Fuel Tank, Front	1
63	3291-1	Screw	5
64	237-49	Washer	5
65	5-4506	Sending Unit, Fuel Gage	1
67	222-8	Cap, Fuel Tank	1
68	3296-44	Locknut	2
69	3-3910	Fuel Tank Strap, Front	1
70	3-3827	Front Strap, Felt	1
71	3296-44	Locknut	1
72	3-3900	Fuel Tank Strap, Rear	1
73	3-3826	Rear Base, Felt	1
74	3-3824	Rear Strap, Felt	1
75	3-3828	Front Base, Felt	2
76	3-3460	Fuel Tank Assembly	1
80	224-182	Sediment Bowl	1
81	289-4	Nipple, Close	1
82	3219-5	Nut, Bracket Retaining	1
83	3253-7	Lockwasher	1
84	3256-26	Flatwasher	1
85	3213-3	Capscrew	1
86	3290-216	Washer, Bevel	1
87	3213-3	Capscrew	2
88	3253-7	Lockwasher	2
89	3219-5	Nut	2
90	5-2971	Bracket, Muffler	2
91	5-3997	Muffler	1
92	2112-5	Clamp, Muffler	1
93	8-1780	Exhaust Pipe	1
93B	3-3868	Wire, Fuel Tank Ground	1
93C	2412-10	Clip, Oil Gauge Tube	1
94	3-4735	Rod, Tie	1
95	3-4758	Lug	1
96	3254-1	S. P. Washer	1
98	304-67	Comp. Nut	1
99	249-10	Hood Clamp	2
100	3252-3	Fil. Hd. Screw	4
101	3253-17	Lockwasher	4
102	3290-235	Nut & Retainer	4
103	3-7311	Name Plate	1
104	3-4583	Fuel Line	1
105	304-12	Elbow	2
106	11-9920	Air Cleaner	1
*	3-4582	Fuel Ln.-Carb. to Fuel Pump	1

*Not Illustrated

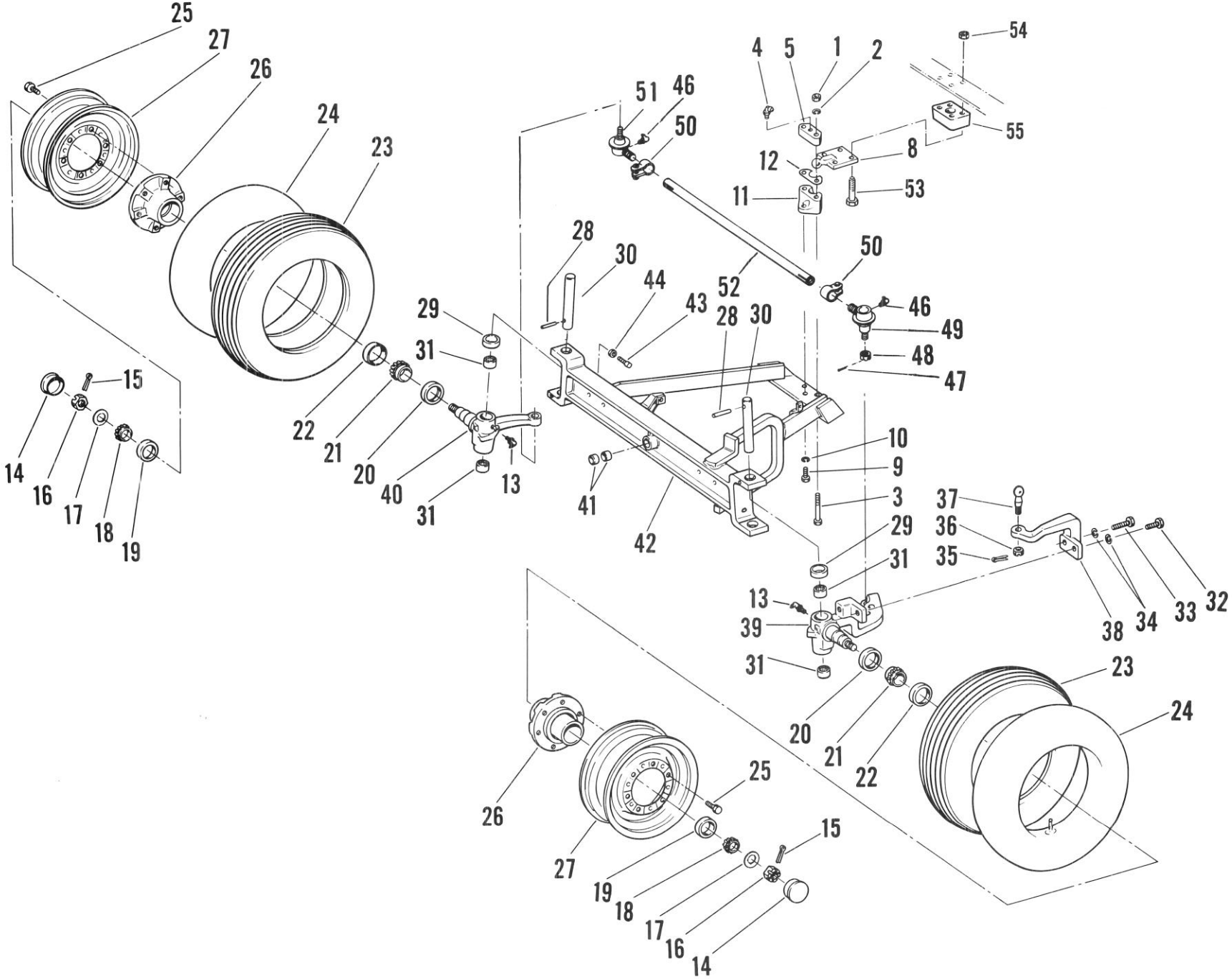

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FRAME, TOE BOARD, FLOOR PLATE AND DRAW BAR

Ref. No.	Part No.	Description	No. Used
94	3-3175	Cover, Battery	1
95	218-208	Cable, Ground	1
96	3-8135	Spring, Cover Retaining	2
97	218-209	Cable, Hot	1
98	2412-10	Clip, Hot Cable Retaining	2
99	3217-5	Nut	4
100	3253-3	Lockwasher	4
101	5-0678	Rod, Battery	2
102	3211-6	Capscrew	4
103	3256-24	Flatwasher	8
104	3-5967	Support, Battery	2
105	+	Battery, 12 Volt	1
106	3-2844	Saddle	2
107	2112-6	Clamp,	1
108	3256-23	Flatwasher	2
109	3219-3	Nut, Bracket Retaining	3
110	3253-21	Lockwasher	7
111	3211-3	Capscrew	3
112	3256-24	Flatwasher	2
113	3-3195	Bracket, Steering Post	1
114	3211-3	Capscrew	10
115	3256-24	Flatwasher	2
116	3-3157	Cover, Inspection	1
117	3290-243	Lynch Pin	1
118	3217-7	Nut	8
119	3253-21	Lockwasher	4
120	3253-7	Lockwasher	2
121	3219-5	Nut, Floor Plate	2
122	3219-3	Nut, Cover Retaining	10
123	3253-21	Lockwasher	10
124	3219-3	Nut	2
125	3253-21	Lockwasher	2
126	3211-3	Capscrew	2
127	3256-24	Flatwasher	2
128	3-3145	Floor Plate	1
129	32146-6	Locknut	4
131	2410-10	Plug Button	2
132	237-41	Grommet, Insulating	1
133	32100-2	Screw, Self-Tapping	6
134	32127-28	Locknut	6
135	3-3155	Toe Board	1
136	3219-5	Nut, Panel Retaining	4
137	3253-7	Lockwasher	4
138	3290-216	Washer, Bevel	6
139	3213-3	Capscrew	4
140	3256-26	Flatwasher	4
141	3-3520	Side Panel, Rear-Left	1
142	3-3530	Side Panel, Rear-Right	1
143	3211-3	Capscrew	2
144	3219-3	Nut, Channel Retaining	2
145	3253-21	Lockwasher	2
146	3-3840	Hinge, Right Hand	1
147	3-3830	Hinge, Left Hand	1
148	3219-3	Nut, Hinge Retaining	4
149	3253-21	Lockwasher	4
150	3211-3	Capscrew	4
151	3296-28	Locknut, Hood Retaining	2
152	3256-24	Cut Washer	4
153	3-2341	Spring, Hood Hinge	2
154	3219-2	Nut, Bracket Retaining	1
155	3253-4	Lockwasher	3
156	3210-3	Capscrew	1
157	3256-23	Flatwasher	3
158	3219-2	Nut	4
159	3253-4	Lockwasher	2
160	3210-3	Capscrew	2
161	3219-2	Nut, Bracket Retaining	1
162	3253-4	Lockwasher	1
163	3210-3	Capscrew	1
164	3-3920	Bracket, Inst. Panel	1
165	3-3850	Support Channel	1
166	32104-6	Screw, Self-Tapping	6
167	3256-24	Flatwasher	8
168	328-2	Capscrew	2
169	3217-12	Nut, Drawbar Retaining	2
170	3253-9	Lockwasher	2
171	6-8920	Hitch, Drawbar	1
172	3290-256	Hair Pin Cotter	2
173	5-2964	Pin, Retaining	2
174	3-3950	Drawbar	1
175	3219-3	Nut, Support Retaining	6
176	3253-21	Lockwasher	4
177	3211-4	Capscrew	4
178	3-3223	Angle Support	1
179	3219-5	Nut	4
180	3253-7	Lockwasher	4
181	3213-4	Capscrew	4
182	3290-216	Washer, Bevel	4
186	3219-6	Nut, Bracket Retaining	4
187	3253-8	Lockwasher	4
188	3214-3	Capscrew	4
189	3-2977	Bracket, Axle Mtg. Left	1
190	3-2978	Bracket, Axle Mtg. Right	1
191	3219-5	Nut, Rear Engine Retain.	4
192	3253-7	Lockwasher	4
193	3213-6	Capscrew	4
194	3211-4	Capscrew	3
195	3253-21	Lockwasher	3
196	302-2	Grease Fitting	1
197	3-3760	Pin, Pivot	1
198	3-3570	Frame	1
199	3256-2	Washer	4
200	3-5582	Decal	1
201	10-3150	Foot Rest	1
202	322-3	Capscrew	2
203	3217-6	Nut	2
204	5-2967	Button	1
205	5-2973	Stud	1
206	2412-4	Hose Clip	1
207	5-2250	Tool Box	1
208	5-2248	Support, Tool Box	2
209	325-6	Capscrew	1
210	3253-7	Lockwasher	2
211	3217-9	Nut	2
212	323-6	Capscrew	4
213	5-3455	Base, Battery Box	1
214	3296-41	Lock Nut	16
215	3-4611	Axle Rod	8
216	3-5245	Axle Support Top	2
217	3-5021	Dowel Pin	2
218	3-5018	Spacer	2
220	3-4604	Axle Support Bottom	2
221	3-6620	Brace, L. H.	1
*	3-6610	Brace, R. H.	1
222	3213-4	Capscrew	4
223	3296-19	Locknut	4
224	3-6700	Front Axle Support	1
225	3-4652	Top Pin	1
226	3272-33	Cotter Pin	2
227	3216-1	Capscrew	2
228	3220-7	Jam Nut	2
229	325-7	Capscrew	1

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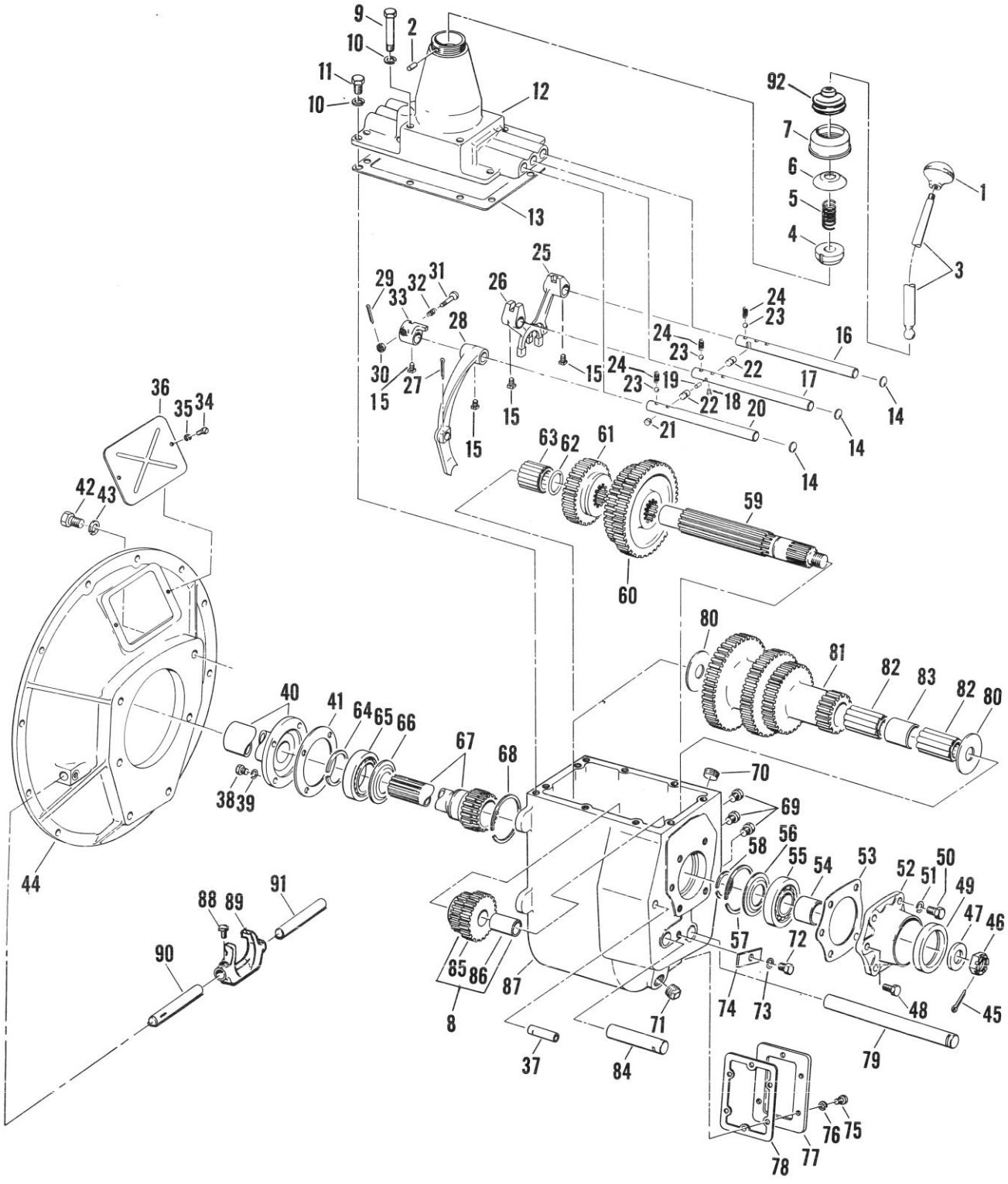
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FRONT WHEELS AND AXLE

Ref. No.	Part No.	Description	No. Used
1	3219-6	Nut, Upper Ball Socket Retaining	2
2	3253-8	Lockwasher	2
3	3214-13	Capscrew	2
4	302-33	Grease Fitting	1
5	3-2967	Upper Ball Socket	1
8	12-0360	Pivot Ball	1
9	327-4	Capscrew, Lower Ball Socket Retaining	1
10	3253-8	Lockwasher	1
11	3-2968	Lower Ball Socket	1
12	3-3825	Shim	4
13	302-33	Grease Fitting	2
14	217-33	Hub Cap	2
15	3272-24	Pin, Cotter	2
16	32136-1	Nut, Slotted Hex	2
17	3256-9	Cut Washer	2
18	254-42	Bearing, Cone, Outer	2
19	254-20	Bearing, Cup, Outer	2
20	253-100	Seal, Dust	2
21	254-75	Bearing, Cone, Inner	2
22	254-76	Bearing, Cup, Inner	2
23	231-30	Tire, 6.70 x 15, 4-ply	2
24	232-17	Tube for 6.70 x 15 Tire	2
*	231-62	Tire, 9.5L x 14, 4-ply	2
*	232-29	Tube for 9.5L x 14 Tire	2
25	217-34	Bolt, Wheel Retaining	12
26	217-26	Hub, Front	2
27	217-27	Wheel, Front	2
28	32121-34	Pin, Retaining	2
29	251-32	Bearing, Thrust	2
30	3-3084	Pin, Spindle	2
31	252-52	Bearing, Needle	4
32	3213-3	Capscrew, Drag Link Retaining	1
33	3213-7	Capscrew	1
34	3253-7	Lockwasher	2
35	3272-7	Pin, Cotter	1
36	32101-2	Nut, Slotted Hex	1
37	5-2966	Ball, Stud	1
38	3-2976	Arm, Drag Link	1
39	3-3560	Spindle, Steering, Left Hand	1
40	3-3550	Spindle, Steering, Right Hand	1
41	256-126	Bushing, Front Axle	2
42	3-3590	Front Axle and Wishbone	1
43	32102-14	Setscrew, Radius Adjustment	2
44	3218-5	Jam Nut	2
46	302-33	Grease Fitting	2
47	3272-12	Pin, Cotter	2
48	32136-2	Nut, Slotted Hex	2
49	2116-3	Ball Joint End, Left Hand Thread	1
50	2412-7	End Clamp Assembly	2
51	2116-4	Ball Joint End, Right Hand Thread	1
52	2116-9	Tie Rod Tube	1
53	325-14	Capscrew	4
54	32146-13	Lock Nut	4
55	3-4603	Spacer	1

*Not Illustrated

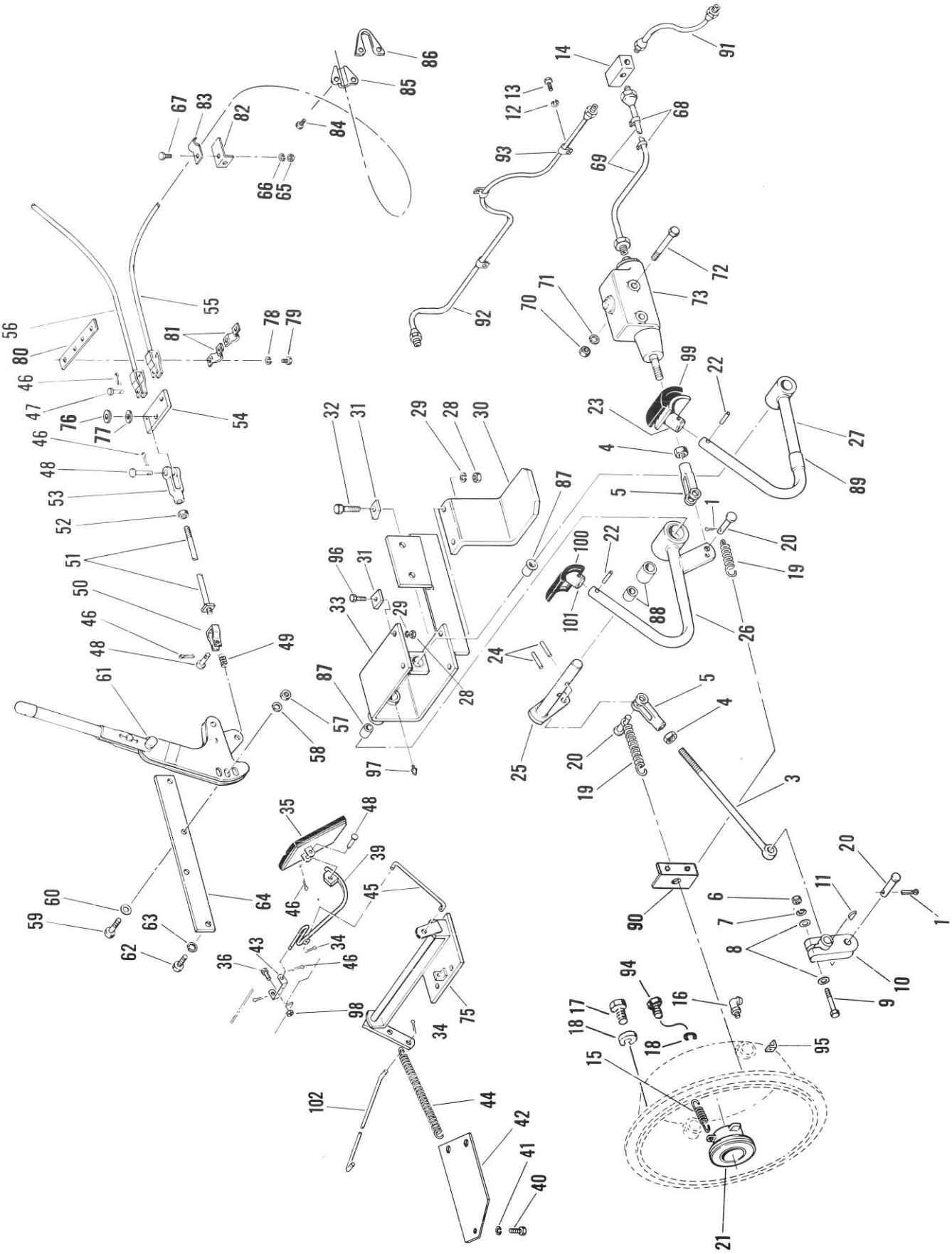

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TRANSMISSION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
	2119-160	Transmission Assembly, Complete	1
1	C37J-50A	Knob, Gear Shift	1
2	4499A	Pin, Retaining	1
3	AC9A-2	Lever, Gear Shift	1
4	C8-2-1/2C	Ball, Shift Lever	1
5	4498B	Spring	1
6	4497	Cup, Spring Retaining	1
7	4496K	Cap, Lever Housing	1
8	AT9A-10	Reverse Gear and Bushing Assembly	1
9	190911	Capscrew, Cover Retaining	2
10	103321	Lockwasher	12
11	179838	Capscrew, Cover Retaining	10
12	T8G-148A	Cover, Shift Linkage	1
13	T9-115	Gasket, Cover	1
14	103892	Plug	3
15	4418	Setscrew	4
16	T8A-21	Rod, 1st & 2nd Gear	1
17	T8A-20	Rod, 2nd & 3rd Gear	1
18	4447	Pin, Retaining	1
19	4446A	Pin	1
20	T8-99A	Rod, Reverse Gear	1
21	X2850S	Plug	1
22	T8-86	Interlock Pawl	2
23	453593	Ball, Detent	3
24	T8B-42	Spring, Detent	3
25	T8-24	Shift Fork, 1st & 2nd Gear	1
26	T8-23	Shift Fork, 3rd & 4th Gear	1
27	103386	Pin, Cotter	1
28	T8-51	Shift Fork, Reverse Gear	1
29	103361	Pin, Cotter	1
30	102643	Nut, Spring Retaining	1
31	T9A-40	Plunger, Reverse Shift	1
32	T9A-39	Spring	1
33	T9A-37	Socket, Reverse Gear	1
34	117290	Screw, Plate Retaining	2
35	108579	Lockwasher	2
36	T9-74	Plate, Inspection	1
37	T8-52	Rod, Reverse Fork Guide	1
38	179816	Capscrew, Throw-Out Sleeve Retaining	4
39	4801A	Lockwasher	4
40	T9-6H	Throw-Out Sleeve	1
41	T9-145	Gasket	1
42	179883	Capscrew, Clutch Housing Retaining	6
43	103323	Lockwasher	6
44	T9-1-1/2	Clutch Housing	1
45	103387	Pin, Cotter	1
46	T9-50P	Nut, Slotted	1
47	T9-50-1/2G	Washer, Flat	1
48	179847	Capscrew (in item 52)	1
49	T9-110	Oil Seal	1
50	179839	Capscrew, Bearing Housing Retaining	4
51	103321	Lockwasher	5
52	T9-7D	Bearing Housing	1
53	T9-145-1/2	Gasket	1
54	T9-75-1/2V	Spacer	1
55	X3220	Bearing, Rear	1
56	T8-137	Grease Shield	1
57	T8-7-1/2	Ring, Retaining	1
58	T69-137	Ring, Retaining	1
59	T9-2G	Shaft, Output	1
60	T9-12W	Gear, 1st & 2nd	1
61	T9A-11	Gear, 3rd & 4th	1
62	T8-25	Retaining Ring	1
63	X4044	Bearing, Front, Inner	1
64	4495	Ring, Retaining	1
65	X3206	Bearing, Front	1
66	T8-136	Grease Shield	1
67	T9-16X	Shaft, Clutch	1
68	T8-6-1/2	Ring, Retaining	1
69	X775	Capscrew	3
70	X1502S	Plug, Filler and Level	1
71	103881	Plug, Drain	1
72	179837	Capscrew	1
73	103321	Lockwasher	1
74	4501	Plate, Lock	1
75	179837	Capscrew, Cover Retaining	6
76	103321	Lockwasher	6
77	T53-160B	Plate, Cover	1
78	T9-150	Gasket	1
79	T9-3P	Countershaft	1
80	T9-30V	Thrust Washer	2
81	T8C-8A	Cluster Gear	1
82	X4038	Bearing, Roller	2
83	T8-28A	Spacer	1
84	T8-35	Shaft, Reverse Gear	1
85	T9A-10	Gear, Reverse	1
86	T8-85	Bushing, Reverse Gear	1
87	T9-1YY	Housing, Transmission	1
88	5573	Setscrew	2
89	T64J-360D	Fork, Throw-Out Bearing	1
90	T9-311XX	Shaft, Fork Linkage	1
91	T9-310	Shaft, Fork Support	1
+92	3-6184	Dust Cover	1

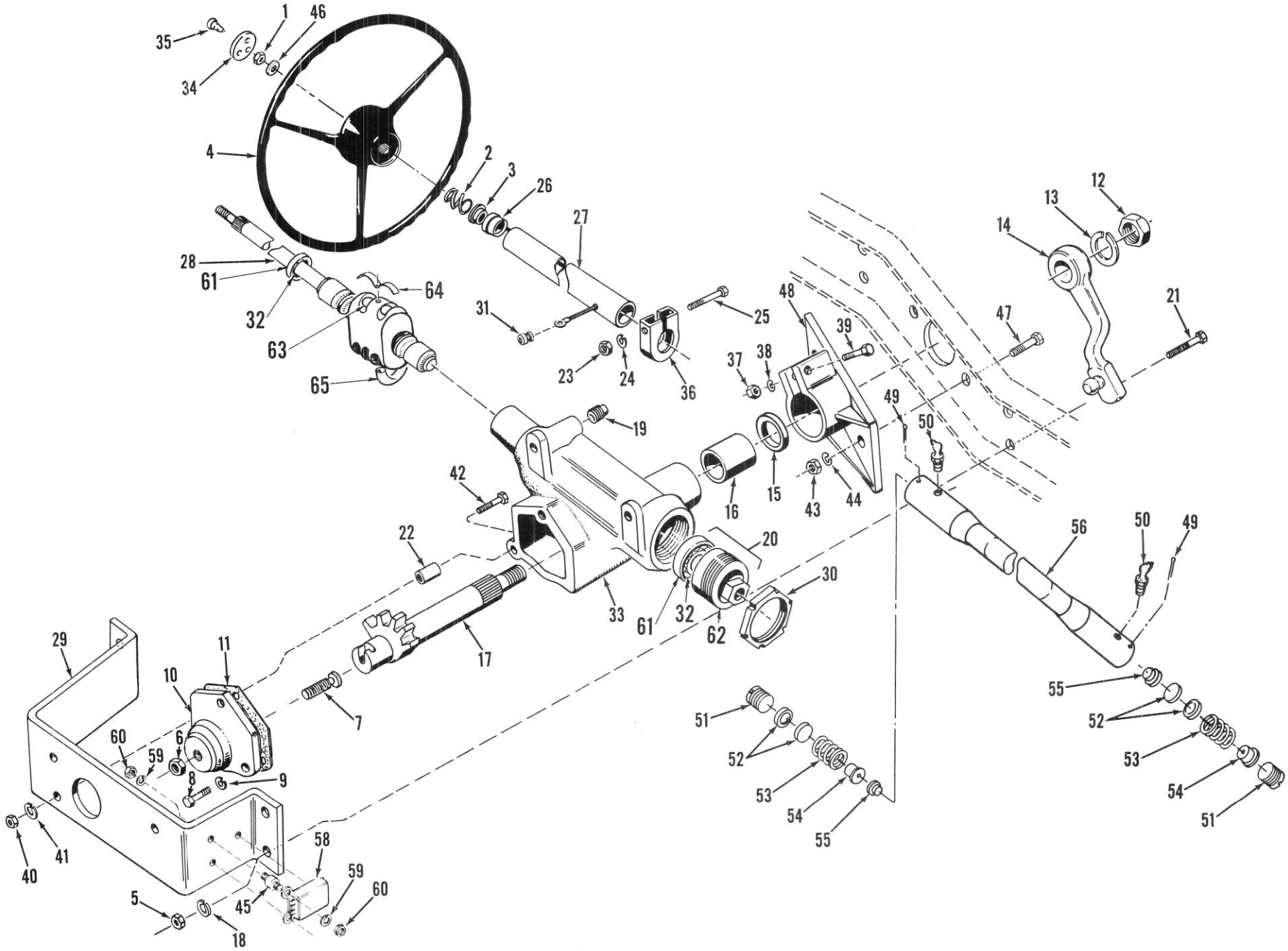
Warner gear part numbers are listed for identification only. Obtain locally, or from Warner Gear Division, Borg-Warner Corporation, Muncie, Indiana.

+ Toro Part - Available from Toro



BRAKE, CLUTCH AND THROTTLE LINKAGE

Ref. No.	Part No.	Description	No. Used
1	3272-6	Pin, Cotter	2
2	3-3092	Pin, Retaining	1
3	3-3091	Link, Clutch Adjusting	1
4	3229-3	Nut, Jam	2
5	282-1	Yoke, Clutch and Brake	2
6	3219-3	Nut	1
7	3253-21	Lockwasher	1
8	3256-24	Flatwasher	2
9	3211-10	Capscrew	1
10	3-3720	Lever, Clutch	1
11	3257-5	Key, Woodruff	1
12	3254-6	Lockwasher	2
13	323-3	Capscrew	2
14	304-2	Tee	2
15	212-184	Spring, Throw-out Return	1
16	302-33	Grease Fitting 90°	2
17	323-7	Capscrew	11
18	3253-21	Lockwasher	12
19	5-1706	Spring, Pedal Return	2
20	283-2	Yoke Pin	2
21	2118-25	Bearing, Throw-out Assy.	1
22	32121-34	Pin, Retaining	2
23	10-0680	Pedal Pad	1
24	32121-34	Retaining Pin	2
25	3-3730	Clutch Pedal Shaft	1
26	3-8760	Brake Pedal & Bushing Assembly	1
27	3-3750	Clutch Pedal	1
28	3219-5	Nut, Step, Retaining	4
29	3253-7	Lockwasher	4
30	3-3112	Step	1
31	3290-216	Washer, Bevel	4
32	3213-5	Capscrew	2
33	3-3740	Pedal Shaft Bracket Assy.	1
34	3272-5	Pin, Cotter	4
35	10-2670	Accelerator Pedal	1
36	3251-3	Screw	2
39	10-2650	Arm, Throttle	1
40	3211-1	Capscrew	2
41	3253-21	Lockwasher	6
42	3-3186	Spring Retainer	1
43	10-2660	Bracket	1
44	5-1706	Spring, Throttle Return	1
45	3-3168	Link,	1
46	3272-6	Pin, Cotter	7
47	283-1	Yoke Pin	2
48	283-2	Yoke Pin	3
49	3-1768	Spring, Tension	1
50	3-5300	Clevis, Front	1
51	3-1772	Rod, Adjustable	1
52	3220-3	Nut, Jam	1
53	282-1	Clevis, Rear	1
54	3-3137	Plate, Equalizer	1
55	3-3142	Cable Assembly, Left Hand	1
56	3-3141	Cable Assembly, Right Hand	1
57	3219-3	Nut, Retaining	2
58	3253-21	Lockwasher	2
59	3211-8	Capscrew	2
60	3256-24	Flatwasher Lever Assy.	2
61	215-22	Hand Brake Lever Assy.	1
62	323-7	Capscrew	2
63	3253-21	Lockwasher	2
64	3-3135	Bracket, Brake Lever	1
65	3219-2	Nut, Cable Retaining	4
66	3253-4	Lockwasher	4
67	3210-3	Capscrew	4
68	212-93	Clip, Tubing Retaining	3
69	3-3700	Brake Tubing Assembly	1
70	3219-4	Nut, Master Cylinder Retaining	2
71	3253-6	Lockwasher	2
72	3212-14	Capscrew	2
73	215-17	Master Cylinder Assembly	1
75	10-2690	Bracket,	1
76	3290-211	Spring Washer	1
77	3256-4	Flatwasher	1
78	3253-21	Lockwasher	4
79	323-18	Capscrew	4
80	3-3138	Spacer	1
81	215-23	Clamp	2
82	3-3143	Bracket	4
83	3-3144	Clamp	4
84	32104-32	Self-tapping Screw	4
85	215-20	Conduit Cap	2
86	215-21	Felt Seal	2
87	256-10	Bushing	2
88	256-143	Bushing, Brake Pedal	2
89	3-3107	Rubber Bumper	1
90	3-3895	Clip for Pedal Springs	1
91	3-3680	Brake Tube Assembly, Short	1
92	3-3690	Brake Tube Assembly, Long	1
93	3-3075	Clip	3
94	323-6	Capscrew - 3/8 NC x 1" Lg. Opposite Starter	1
95	3-4062	Limit Clip	1
96	3213-3	Capscrew	2
97	302-5	Grease Fitting	1
98	3296-2	Locknut	2
99	7-3901	Pad, Clutch	1
100	7-3900	Pad, Brake	1
101	10-0670	Pedal	1
102	10-2720	Link,	1


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STEERING GEAR ASSEMBLY

(USED ON TRACTORS BEARING SERIAL NUMBERS 37013-50050 & UP)

Ref. No.	Part No.	Description	No. Used
	3-7801	Steering Gear, include † items	
1	† 3220-5	Nut	1
2	† 213-207	Spring	1
3	† 213-206	Spring Seat	1
4	238-3	Steering Wheel	1
5	3217-9	Nut	4
6	† 3220-4	Locknut	1
7	† 213-195	Adjusting Screw	1
8	† 323-4	Screw	3
9	† 3253-21	Lockwasher	3
10	† 213-196	Cover, side	1
11	† 213-197	Gasket	1
12	† 3220-8	Nut, Retaining	1
13	† 3254-13	Lockwasher	1
14	3-7802	Ball and Arm Assembly	1
15	† 213-198	Oil Seal	1
16	† 213-212	Bushing, Pitman Arm	1
17	† 213-216	Gear	1
18	3253-7	Washer	4
19	† 281-3	Plug, Oil Fill	1
20	† 213-215	Adjuster Assembly	1
21	325-5	Capscrew	4
22	3-7945	Spacerq	3
23	† 3219-2	Nut	1
24	† 3253-4	Lockwasher	1
25	† 3210-11	Screw	1
26	† 213-205	Jacket, Tube Brg. Assy.	1
27	† 213-208	Jacket Tube	1
28	† 213-217	Worm Assy., incl. Ref. No. 63 thru 66	1
29	3-7946	Bracket, Strg. Gear W. A.	1
30	213-203	Nut, Locking	1
31	† 213-209	Grommet	1
*	213-211	Shim Kit	1
32	† 213-221	Ball Bearing	2
33	† 213-199	Housing Assy., including Ref. No. 16	1
34	3-7803	Wheel Cap	1
35	3293-6	Wood Screw	3
36	† 213-210	Clamp	1
37	3217-7	Nut	1
38	3253-21	Lockwasher	1
39	323-10	Screw	1
40	3217-9	Nut	3
41	3253-7	Lockwasher	3
42	325-10	Screw	3
43	3217-11	Nut	2
44	3253-8	Lockwasher	2
45	218-330	Flex Bolt Mounting	3
46	3256-26	Washer	1
47	327-4	Screw	2
48	3-8277	Bracket	1
49	3272-15	Cotter Pin	2
50	302-33	Grease Fitting	2
51	2116-5	End Plug	2
52	2116-6	Spherical Seat	4
53	2116-7	Spring	2
54	2116-11	Spring Seat	2
55	2116-8	Inner Plug	2
56	2116-10	Drag, Link Tube	1
57	3-6670	Drab Link Assy., compl. (Incl. Ref. No. 50-56)	1
58	218-322	Voltage Regulator	1
59	3253-3	Lockwasher	6
60	3217-5	Nut	6
61	213-214	Race, Thrust Bearing	2
62	213-213	Adjuster Body	1
63	213-218	Ball	54
64	213-219	Clamp, Ball Return	1
65	213-220	Guide, Ball Return	4

* Not Illustrated

STEERING GEAR ADJUSTMENTS

Field Adjustment

Steering gear should be readjusted if either the worm thrust bearing or the pitman shaft adjustment is less than 2 inch-pounds. Readjustment to be made as described in 1 and 2 under shop adjustments.

Shop Adjustments

1. Worm Thrust Bearing Adjustment

   This adjustment to be made after worm and ball nut assembly, thrust bearing assembly, and adjuster assembly have been assembled into the housing assembly.

   Tighten adjuster assembly so that thrust bearing preload is 5 to 9 inch-pounds. Assemble adjuster lock nut and tighten to 70 to 100 foot-pounds.

2. Overcenter or Pitman Shaft Adjustment

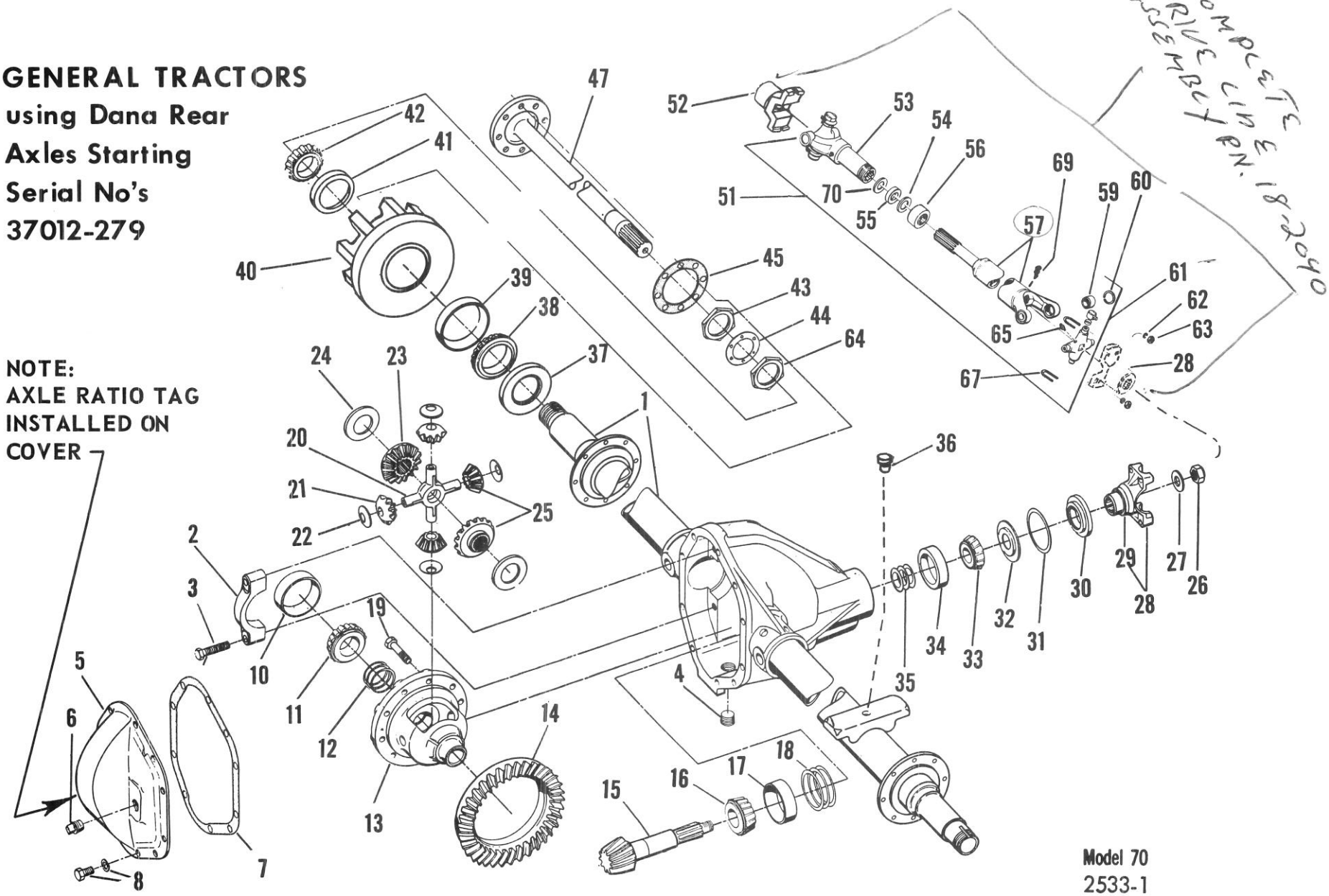
   This adjustment is to be made after steering gear has been completely assembled. With pitman shaft gear backed off, measure total thrust bearing preload and drag. With steering gear on center, adjust pitman shaft lash adjuster screw so that preload is 5 to 11 inch-pounds in excess of total thrust bearing preload and drag. Highest reading should not fall outside plus or minus 45^{o} from center.

   Total thrust bearing adjustment, pitman shaft adjustment, and drag not to exceed 18 inch-pounds. Tighten lash adjuster lock nut to 18 to 27 foot-pounds.

GENERAL TRACTORS
using Dana Rear Axles Starting Serial No's 37012-279

NOTE:
AXLE RATIO TAG INSTALLED ON COVER

COMPLETE DRIVE LINE ASSEMBLY P.N. 18-2040



Model 70
2533-1

REAR AXLE, DRIVE LINE AND WHEEL HUBS

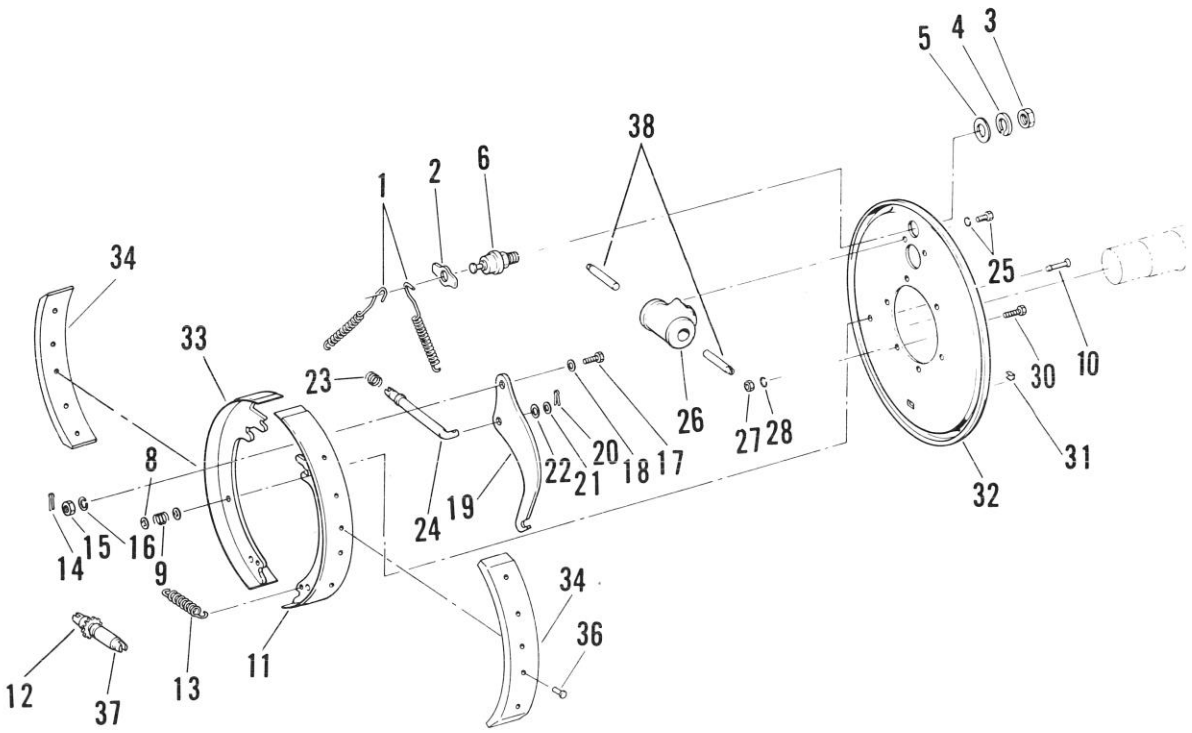
Ref. No.	Part No.	Description	No. Used
1	2533-1	Housing Sub-Assy., Axle, Compl. (Incl. Refs. 2, 3, 4)	1
2	30256-NSS	Cap, Differential Bearing	2
3	500400-2D	Screw	4
4	30206	Plug, Axle Housing Drain	1
5	21093X	Cover, Sub-Assy. Axle Hsg. (Incl. Ref. No. 6)	1
6	500091	Plug, Lubrication Filler	1
7	30810	Gasket, Hsg. Cover	1
8	30239	Washer & Screw, Hsg. Cover	10
10	550363	Cup, Diff. Brg.	2
11	550362	Cone, Diff. Brg.	2
12	30276-1	Shim, Diff. Adj. .003"	2
12	30276-2	Shim, Diff. Adj. .005"	2
12	30276-3	Shim, Diff. Adj. .010"	2
12	30276-4	Shim, Diff. Adj. .030"	2
13	21084X	Case, Sub-Assy. Diff.	1
14		Ring Gear	1
15		Pinion Gear	1
16	550399	Cone, Inner Pinion Brg.	1
17	550400	Cup, Inner Pinion Brg.	1
18	30797-1	Shim, Inner Pinion Adjust. .003"	2
18	30797-2	Shim, Inner Piston Adjust. .005"	2
18	30797-3	Shim, Inner Piston Adjust. .010"	2
19	30266	Screw, Drive Gear	12
20	30791	Shaft, Pinion Mate Cross	1
21	30790	Mate, Bevel Pinion	4
22	30842	Washer, Mate Thrust	4
23	30788	Gear, Bevel Slide	2
24	30264	Washer, Gear Thrust	2
25	22049X	Kit, Pinion Mate Side Gear (Incl. Ref. Nos. 21 & 23)	1
26	30271	Nut, Pinion Lug Lock	1
27	30275	Washer, Pinion Hsg. Lock	1
28	3-4-3461X	Yoke Sub-Assy., Univ. Joint End (Incl. Ref. No. 29)	1
29	30798	Shield, End Yoke Dust	1
30	30277	Seal, Pinion Oil	1
31	30188	Gasket, Pinion Oil Seal	1
32	30273	Slinger, Outer Pinion Oil	1
33	550358	Cone, Outer Pinion Bearing	1
34	330359	Cup, Outer Pinion Brg.	1
35	30272-1	Shim, Outer Pinion Brg. Adj. .003"	2
35	30272-2	Shim, Outer Pinion Brg. Adj. .005"	2
35	30272-3	Shim, Outer Pinion Brg. Adj. .010"	2
35	30272-4	Shim, Outer Pinion Brg. Adj. .030"	2
*36	3-5021	Pin	2
*37	253-109	Seal Assy.	2
*38	254-27	Cone, Inner Wheel Brg.	2
*39	254-80	Cup, Inner Wheel Brg.	2
*40	12-2580	Wheel Hub, Rear 8.00 x 16 Tires	2
*41	254-81	Cup, Outer Wheel Brg.	2
*42	254-82	Cone, Outer Wheel Brg.	2
43	30991	Nut, Wheel Brg.	4
44	30990	Locknut, Wheel Brg.	2
45	31866	Gasket, Wheel Brg. Retain. or Hub	2
47	30802-3	Shaft, Axle —	2
*48	324-9	Capscrew	12
*49	3253-6	Lockwasher	12
*50	3-3075	Clip	3
51	101322-103SF	Universal Joint	1
52	3-4-3291	Front Yoke	1
53	3-3-598X	Slip Yoke	1
54	3-½-15-53	Washer	1
55	3-16-53	Dust Cap, Felt	1
56	3-½-14-39	Retainer Cap	1
57	3-60-1-3811X	Shaft Sub-Assy. —	1
58	3-86-129	Journal Gasket	4
59	3-6-128X	Bearing Assy.	4
60	3-7-39	Snap Ring	4
61	3-5-298X	Journal Cross Assy. —	2
*62	3253-21	Lockwasher	4
*63	3219-3	Nut	4
64	30989	Adj. Nut & Pin Assy.	2
65	500168-2	Zerk Fitting	1
67	3-94-19	U-Bolt	4
69	500174-1	Fitting, Grease	1
70	3-68-33	Sleeve Yoke Plug	1

IMPORTANT: CHECK AXLE RATIO TAG AND ORDER PARTS ACCORDINGLY

Sold as 22846X Ring Gear & Pinion Kit only - 6.17:1 ratio.
Sold as 23504X Ring Gear & Pinion Kit only - 7.17:1 ratio.

*Available from Toro Mfg. Corp.
†Not Illustrated

Dana rear axle parts numbers are listed for identification only. Obtain replacement parts from Dana Corp. See your Toro distributor for location of the nearest Dana distributor, or write: Dana Corporation, Toledo 1, Ohio.

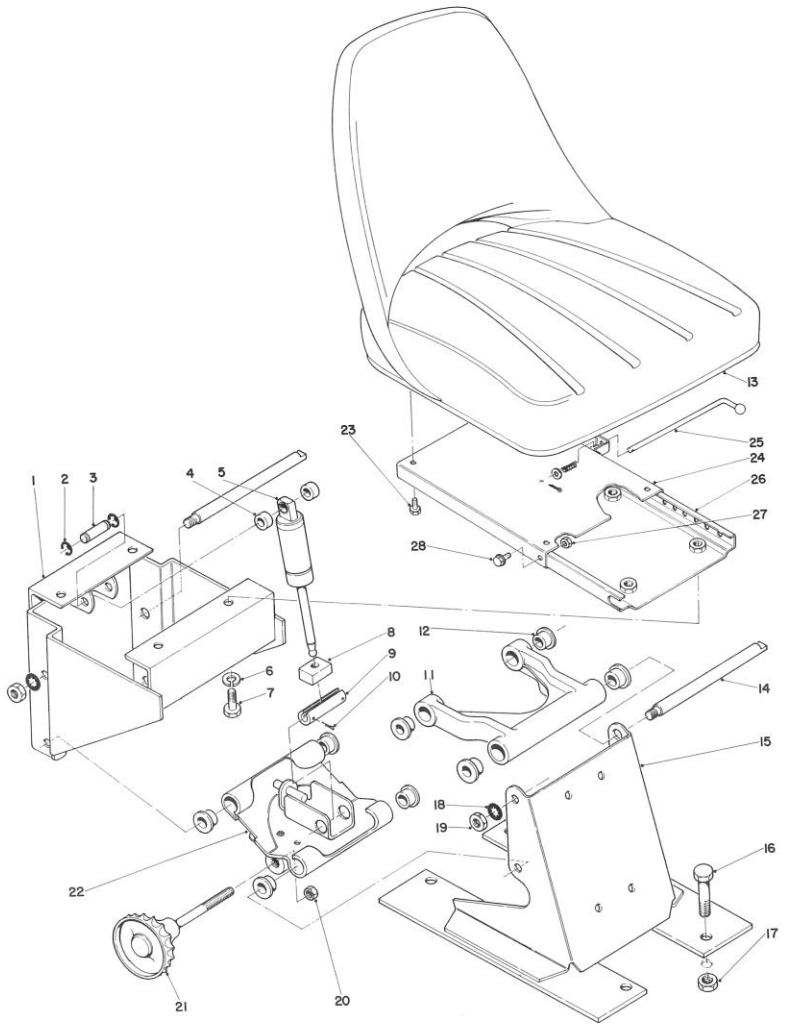


HYDRAULIC BRAKES

Ref. No.	Part No.	Description	No. Used
1	215-30	Spring, Brake Shoe Ret.	4
2	215-43	Washer	2
3	215-46	Nut	2
4	215-47	Washer, Nut Retaining	2
5	215-48	Flatwasher	2
6	215-31	Anchor Pin	2
8	215-44	Washer	8
9	215-45	Spring	4
10	215-58	Pin, Washer Retaining	4
11	215-33	Rear Shoe Assembly (Lining 15"long)	2
12	215-34	Brake Shoe Adjusting Screw	2
13	215-35	Spring, Brake Shoe Ret.	2
14	215-49	Pin, Cotter	2
15	3219-3	Nut, Lever Retaining	2
16	3253-21	Lockwasher	2
17	215-52	Screw	2
18	215-53	Washer	2
19	215-36	Hand Brake Actuating Lever, Left Hand	1
19	215-37	Hand Brake Actuating Lever, Right Hand	1
20	3272-6	Pin, Cotter	2
21	215-55	Washer	2
22	215-56	Washer	2
23	215-38	Spring, Rod Positioning	2

Ref. No.	Part No.	Description	No. Used
24	215-39	Rod, Brake Shoe Actuating	2
25	215-57	Capscrew and Washer Assembly	4
26	215-40	Hydraulic Wheel Cylinder, Left Hand	1
26	215-41	Hydraulic Wheel Cylinder, Right Hand	1
27	3296-19	Locknut	8
28	3253-7	Washer Lock	8
30	3213-3	Capscrew	8
31	215-42	Plug, Dust	2
32	215-59	Backplate - L.H.	1
*	215-60	Backplate - R.H.	1
33	215-61	Front Shoe Assembly (Lining 12-1/4" Long)	2
34	215-68	Lining Kit	2
36	3295-2	Rivet	44
37	215-65	Adjusting Socket	2
38	215-66	Pin, Wheel Cylinder	4
		Brake, Complete except Items 27, 28, 29, and 30:	
*	3-3073	Brake, Left Hand	1
*	3-3074	Brake, Right Hand	1

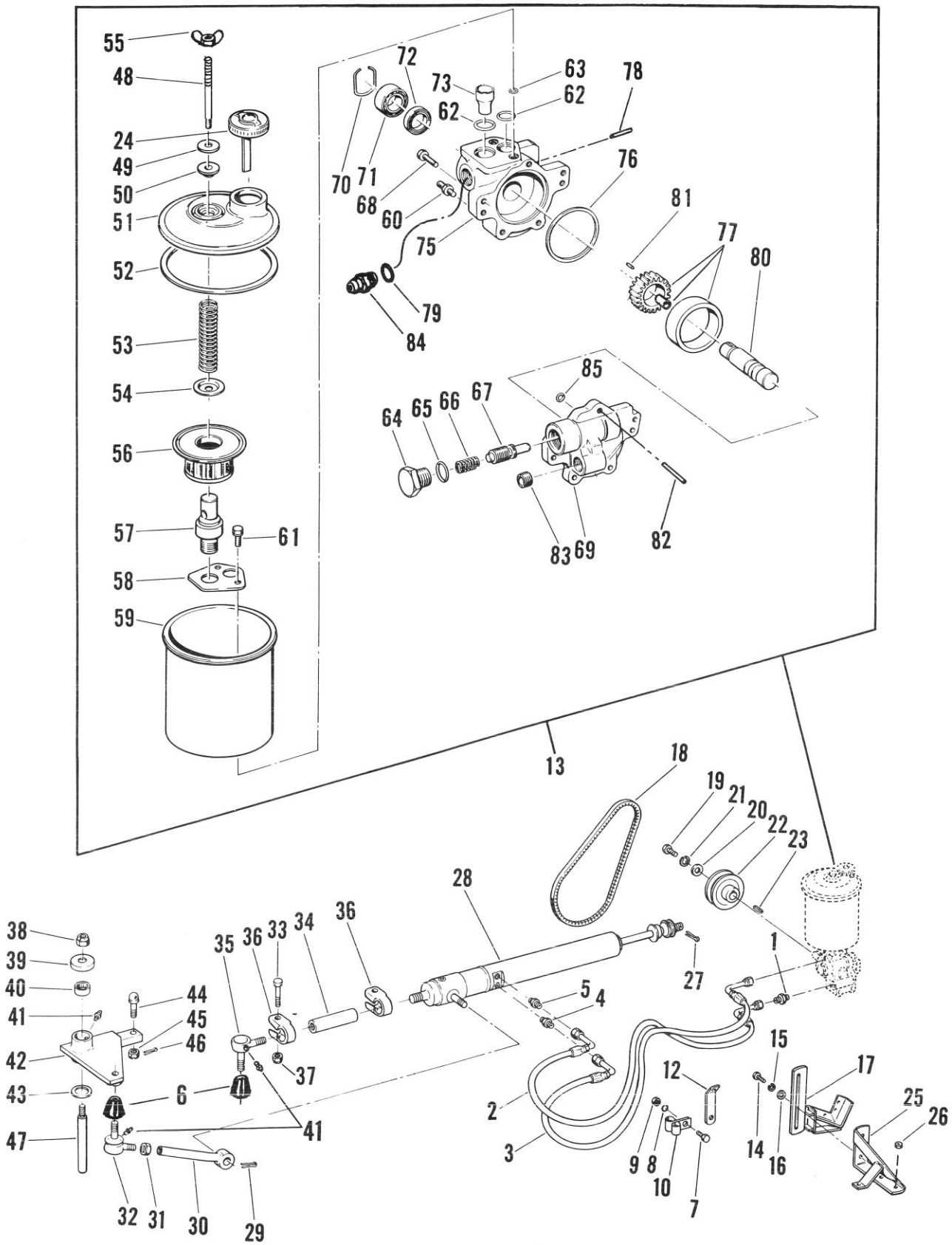
* Not Illustrated



SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	351-38	Carriage Assembly	1
2	32120-18	Retaining Ring	2
3	351-43	Pivot Pin	1
4	351-44	Spacer	2
5	351-42	Gas Spring	1
6	3253-4	Lockwasher	4
7	322-3	Capscrew	4
8	351-46	Bumper	1
9	351-45	Pivot	1
10	3272-7	Cotter Pin	3
11	351-41	Arm Assembly	1
12	351-48	Bushing	8
13	10-2510	Seat	1
14	351-40	Bolt, Step	4

Ref. No.	Part No.	Description	No. Used
15	351-37	Base	1
16	3211-5	Capscrew	4
17	32146-6	Locknut	4
18	3254-6	Lockwasher	4
19	32146-6	Locknut	4
20	3296-39	Locknut	1
21	351-47	Adjustment Screw	1
22	351-39	Adjustment Link	1
23	322-1	Capscrew	4
24	351-35	Upper Slide Assembly	1
25	351-52	Plunger Assembly	1
26	351-36	Lower Slide Assembly	1
27	3218-1	Nut	2
28	321-2	Capscrew	2


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POWER STEERING KIT

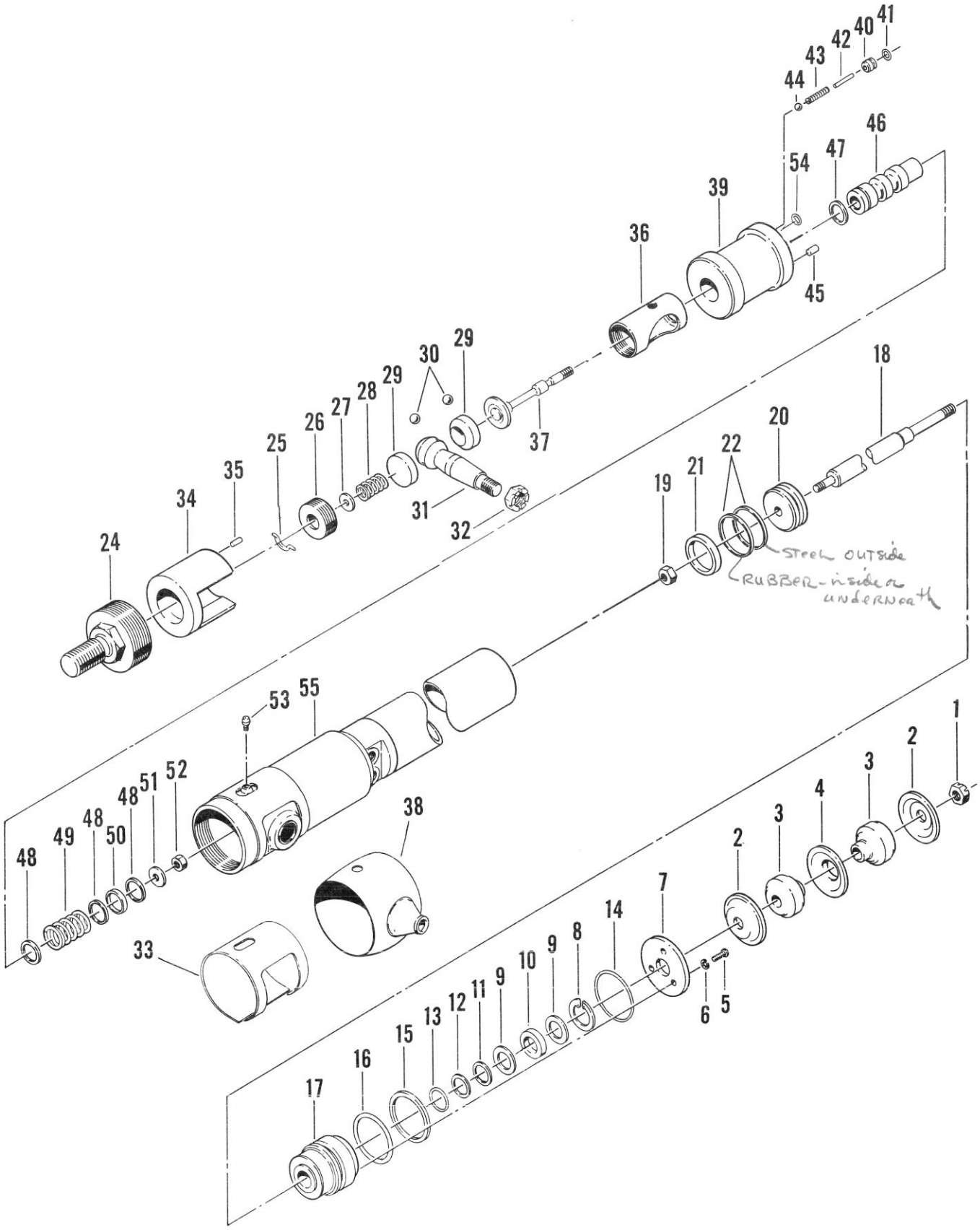
MODEL NO. 3-8569 (FIELD INSTALLED) AND MODEL NO. 70064 (FACTORY INSTALLED)
USED ON TRACTORS 37013-60001 & UP – INCLUDES BOOSTER ASSEMBLY, PAGE 24 (OPTIONAL EQUIPMENT)

Ref. No.	Part No.	Description	No. Used
1	304-65	Adapter Fitting	1
2	3-3315	Pressure Hose Assembly	1
3	3-3316	Return Hose Assembly	1
4	353-192	Adapter Fitting, Large	1
5	353-191	Adapter Fitting, Small	1
6	212-279	Rubber Seal	2
7	3211-4	Capscrew	1
8	3253-21	Lockwasher	4
9	3219-3	Nut	4
10	2412-4	Clip, Hose, Large	4
12	304-60	Clip	1
13	213-104	Pump Assy.	1
14	3211-3	Screw, Belt Adjusting	2
15	3253-21	Lockwasher	2
16	3256-24	Flatwasher	2
17	3-4180	Adjusting Bracket	1
18	271-85	"V" Belt	1
19	322-4	Capscrew	1
20	3256-3	Flatwasher	1
21	3253-4	Lockwasher	1
22	5-1790	Pulley	1
23	3257-1	Key, Woodruff	1
24	213-194	Cap, Filler	1
25	3-4190	Support Bracket	1
26	32127-43	Nut	3
27	3272-11	Pin, Cotter	2
28	213-103	Steering Booster	1
29	3272-11	Pin, Cotter	1
30	3-4210	Link, Control	1
31	3220-7	Nut, Jam	1
32	212-142	Tie Rod End, Right Hand	1
33	3213-6	Capscrew	2
34	3-3313	Adapter	1
35	212-152	Tie Rod End, Left Hand	1
36	2412-5	Clamp	2
37	3296-19	Nut, Lock	2
38	3296-50	Nut, Lock	1
39	5-1798	Dust Shield	1
40	252-52	Needle Bearing	2
41	302-2	Grease Fitting	3
42	3-4200	Bell Crank	1
43	256-121	Washer, Thrust	1
44	5-2966	Ball Stud	1

Ref. No.	Part No.	Description	No. Used
45	32101-2	Nut, Slotted	1
46	3272-7	Pin, Cotter	1
47	3-3306	Pin, Spindle	1
48	213-220	Stud	1
49	213-150	Flatwasher	1
50	213-152	Gasket, Cover Screw	1
51	213-155	Cover, Reservoir	1
52	213-159	Gasket, Cover	1
53†	213-161	Spring	1
54	213-162	Cap, Filter	1
55	32103-2	Wing Nut	1
56†	213-165	Element, Filter Kit	1
57	213-166	Stud, Return	1
58	213-167	Plate Reinforcement	1
59	213-168	Body, Reservoir	1
60	213-169	Stud, Mounting	3
61	213-170	Bolt, Hex Head w/Lockwasher	2
62	213-171	Gasket, Reservoir Intake and Return	2
63	213-172	Gasket, Reservoir Mounting Screw	2
64	213-173	Cap, Valve	1
65	213-174	"O" Ring, Valve Cap	1
66	213-175	Spring, Flow Control Valve	1
67	213-176	Valve, Sub-Assembly, Complete	1
68	213-177	Screw, Hex Head	2
69	213-178	Cover, Bushing & Dowel	1
70	213-179	Snap Ring	1
71	213-180	Ball Bearing	1
72	213-181	Seal, Oil	1
73	213-182	Flow Director	1
75	213-183	Housing, Pump and Bushing Assembly	1
76	213-184	"O" Ring, Body to Cover	1
77	213-185	Carrier, Roll, & Cam	1
78	213-186	Impeller, Dowel Pin, Cam.	1
79	213-187	Gasket, Return Adapter	1
80	213-188	Shaft	1
81	213-189	Drive Pin	1
82	213-190	Dowel Pin	2
83	213-191	Tube Seat	1
84	213-192	Adapter, Return Hose	1
85	213-193	"O" Ring, By-Pass	1
*		Reservoir Assy. Include items 48 thru 59.	

*Not Illustrated

† Includes Spring (Item 53)


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STEEL OUTSIDE
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POWER STEERING BOOSTER ASSEMBLY

(OPTIONAL EQUIPMENT)

Ref. No.	Part No.	Description	No. Used
	213-103	Complete Booster Assy.	1
1	32136-3	Nut, Slotted	1
2	213-119	Plate, Retainer	2
3	213-120	Bushing, Rubber	2
4	213-121	Plate, Retainer	1
5	3251-2	Screw, Slotted	3
6	3253-17	Lockwasher	3
7	213-124	Plate	1
8	213-125	Ring, Retaining	1
9	213-126	Washer, Steel Retaining	2
10	213-127	Oil Seal	1
11	213-128	Washer, Steel Spacing	1
12	213-129	Ring, Leather Back-up	1
13	213-130	"O" Ring	1
14	213-131	Ring, Retaining	1
15	213-132	Ring, Back-up	1
16	213-133	"O" Ring	1
17	213-134	Bearing Assembly (Incl. Items 8 thru 16)	1
18	*	Rod	1
19	3219-3	Nut	1
20	213-137	Piston and Rod Assembly (Includes Items 18, 19, 20, 21 and 22)	1
21	213-138	Seal	1
22	213-139	Ring, Piston - WIDER	1 2
23	**	Sleeve, Inner - RUBBER	1
24	213-141	Cap, End	1
25	213-142	Lock Pin	1
26	213-143	Adjusting Plug	1
27	213-144	Washer	1
28	213-145	Spring	1
29	213-146	Socket, Ball Stud	2
30	255-11	Steel Ball	2
31	213-148	Ball Stud (Includes 2 each Item 30)	1
32	32136-2	Nut, Slotted	1
33	213-140	Dust Seal Cover	1
34	213-151	Cage, Ball Stud (Includes Item 35)	1
35	32121-56	Pin, Roll	1
36	213-153	Sleeve, Retaining	1
37	213-154	Plunger Assembly	1
38	213-147	Rubber Dust Seal	1
39	‡213-156	Valve Assembly	1
40	213-157	Plug Assembly (Includes Item 42)	1
41	213-158	"O" Ring	1
42	***	Pin	1
43	213-160	Spring	1
44	255-1	Ball, Check	1
45	32121-56	Pin, Roll	1
46	‡‡	Valve Spool	1
47	213-118	"O" Ring	1
48	213-122	Washer, Special	3
49	213-123	Spring	1
50	213-135	"O" Ring	1
51	213-136	Washer, Special	1
52	3296-20	Nut	1
53	302-2	Grease Fitting	1
54	213-115	"O" Ring	4
55	**	Housing	1

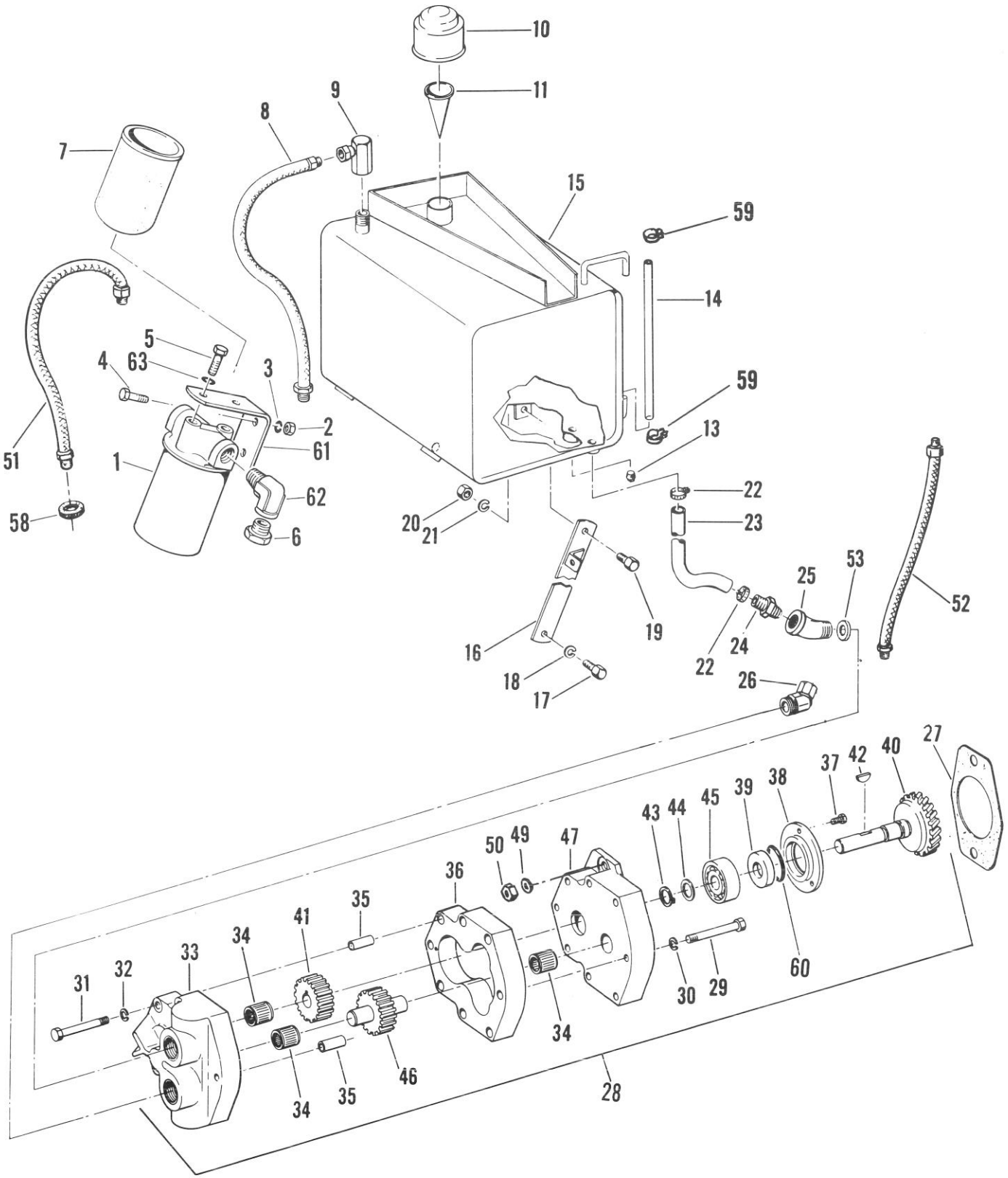
*Sold only as part of Item 20, Piston and Rod Assembly.

**Sold only as part of 213-103, Complete Booster Assembly.

***Sold only as part of Item 40, Plug Assembly.

‡Includes Items 36, 37, 40, 41, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, and 56.

‡‡Sold only as part of Item 39, Valve Assembly.


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HYDRAULIC POWER KIT

MODEL NO. 12-4350 (FACTORY INSTALLED) (OPTIONAL EQUIPMENT)

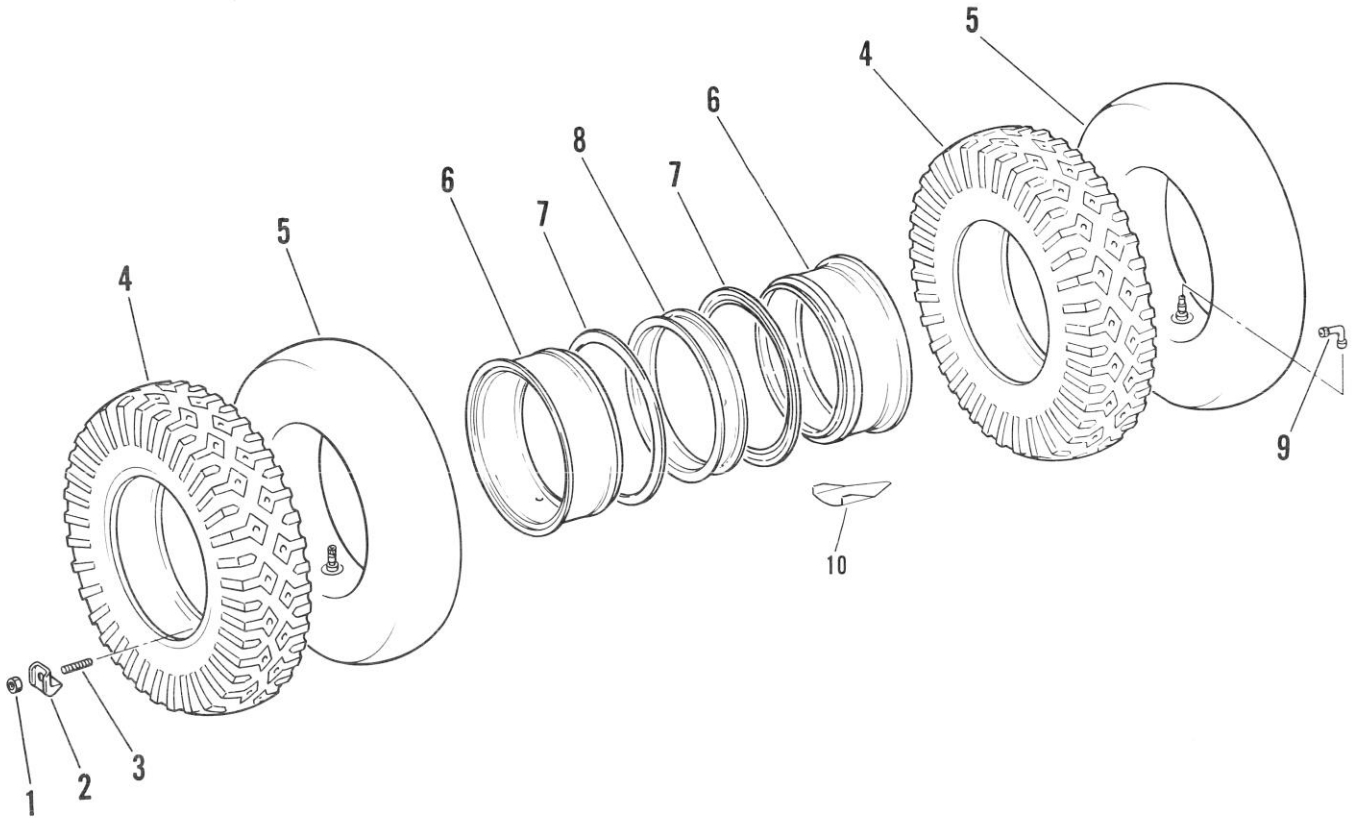
Ref. No.	Part No.	Description	No. Used
1	12-3020	Oil Filter, Includes Item 7	1
2	3219-3	Nut, Filter Retaining	2
3	3253-21	Lockwasher, Filter Retaining	2
4	323-4	Capscrew	2
5	321-4	Capscrew	2
6	2812-4	Reducing Bushing	2
7 †	12-5270	Filter Element, Replaceable	1
8	3-3285	Hose, Filter-to-Reservoir	1
9	353-159	Adapter Union, Filter-to-Reservoir	1
10	353-119	Filler Cap, Reservoir	1
11	3-2197	Filler Screen, Reservoir	1
13	285-12	Drain Plug	1
14	11-8680	Sight Gage, Fluid Level	1
15	11-8690	Hydraulic Reservoir	1
16	3-4150	Brace, Reservoir-to-Flywheel	1
17	323-6	Capscrew, Brace Retaining	1
18	3253-21	Lockwasher, Brace Retaining	1
19	3211-2	Capscrew, Brace Retaining	1
20	3219-3	Nut, Brace Retaining	1
21	3253-21	Lockwasher, Brace Retaining	1
22	2412-3	Hose Clamp	2
23	3-3284	Suction Hose, Reservoir-to-Pump	1
24	3-7195	Coupling	1
25	2811-6	Street Elbow, Pump Inlet	1
26	353-130	Adapter Union, Pump Outlet	1
26A*	353-193	Hydraulic Seal	1
27	212-251	Gasket, Pump-to-Engine	1
+28	11-3960	Pump, Hydraulic, Complete	1

Ref. No.	Part No.	Description	No. Used
29	322-10	Capscrew	6
30	3253-4	Lockwasher	6
31	353-165	Capscrew	2
32	3253-3	Lockwasher	2
33	353-167	Cover: Incl. 2 ea. Item 34	1
34	353-168	Bearing, Needle	3
35	353-169	Pin, Dowel	2
36	353-170	Plate, Gear	1
37	353-171	Fastener, Sems	3
38	353-172	Plate, Pilot. Incl. Item 39	1
39	353-173	Seal, Oil	1
40	353-174	Shaft, Gear – webster #	1
41	353-175	Gear, Drive	1
42	3257-26	Key, Woodruff	1
43	353-177	Ring, Retaining	1
44	353-178	Washer	1
45	353-179	Bearing, Ball	1
46	353-180	Gear Assembly, Idler	1
47	353-181	Body, Incl. 1 ea. Item 34	1
49	5-0942	Copper Washer	2
50	32146-2	Lock Nut	2
51	3-3397	Hose	1
52	3-5293	Hose	1
53	353-193	Sealing Washer	1
58	237-41	Grommet	1
59	2412-33	Clamp	2
60	353-396	"O" Ring	1
61	12-4370	Mount – Hyd. Oil Filter	1
62	2811-8	Street Elbow	2
63	3253-3	Lockwasher	2

*Not Illustrated

+Items 29 thru 47 & 60 above are for the standard hydraulic pump (2HCS) as indicated on the identification plate fastened to the side of the pump body.

†Obtain Locally

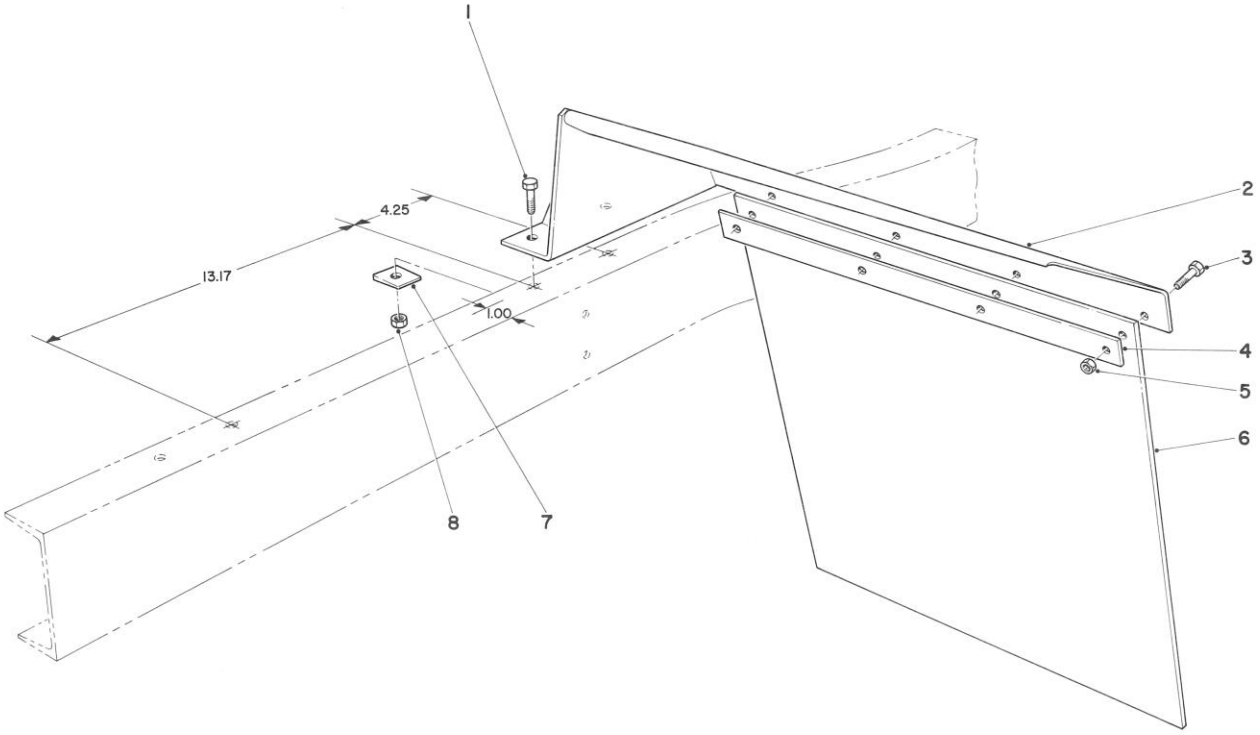


REAR TIRES AND RIMS

Ref. No.	Part No.	Description	No. Used
1	217-30	Nut, Rim Retaining	12
2	217-29	Wedge Clamp	12
3	217-28	Stud	12
4	231-5	Tire, Rear (Standard)	4
*	231-58	Tire, Rear (Optional) 9.50 x 16	4

Ref. No.	Part No.	Description	No. Used
5	232-13	Inner Tube	4
6	217-36	Rim	4
7	217-37	Ring, Retaining	4
8	11-4860	Spacing Band	2
9	217-16	Valve Extension	2
10	12-0240	Shim	6

*Not Illustrated

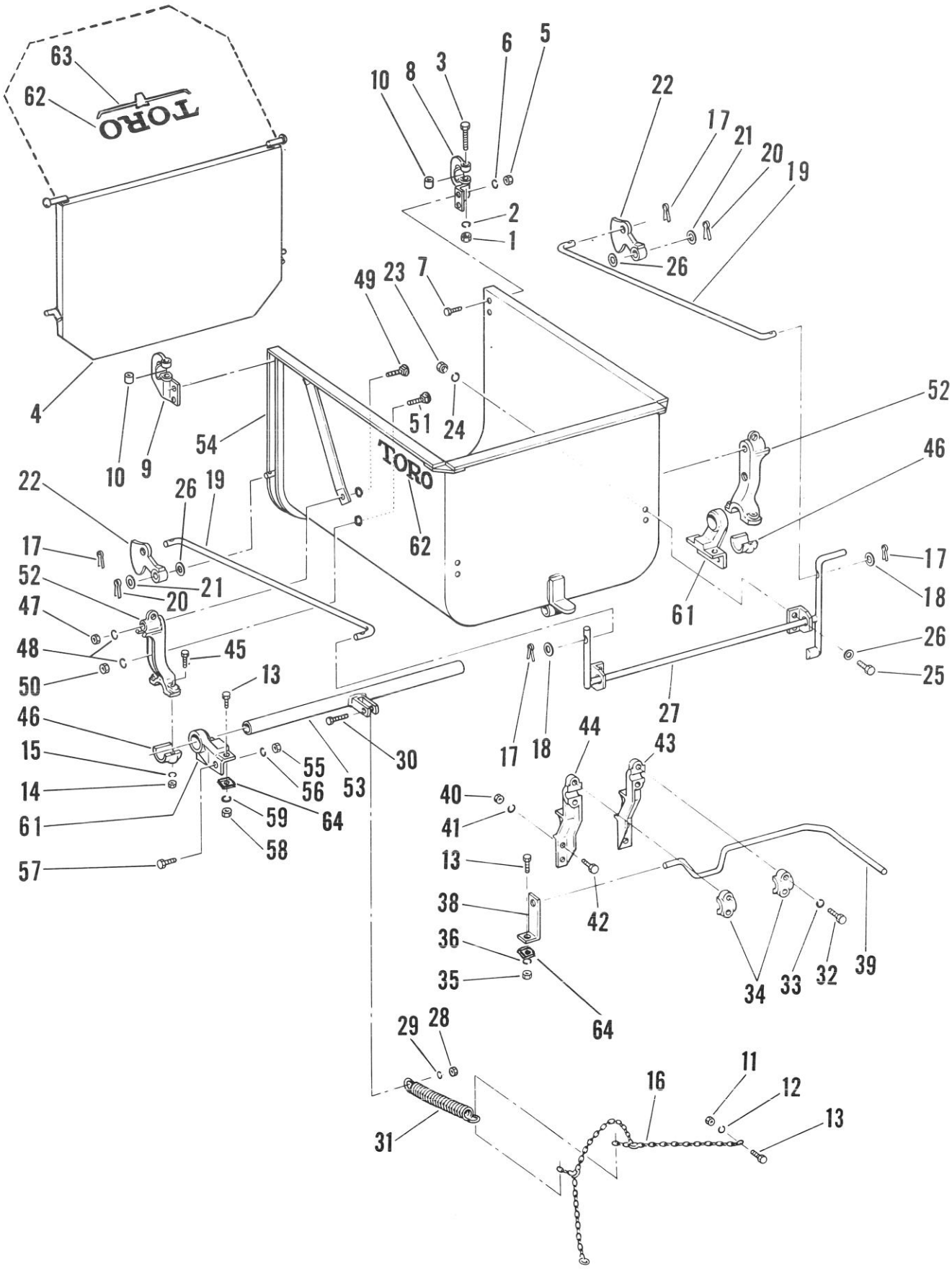


FENDER KIT 70191

Ref. No.	Part No.	Description	No. Used
1	325-6	Capscrew	4
2	10-2780	Fender, Left	1
*	10-2770	Fender, Right	1
3	323-6	Capscrew	8
4	10-2820	Backing Flap	2

Ref. No.	Part No.	Description	No. Used
5	32146-2	Nut	8
6	10-2810	Flap	2
7	3290-216	Bevel Washer	4
8	32146-13	Nut	4

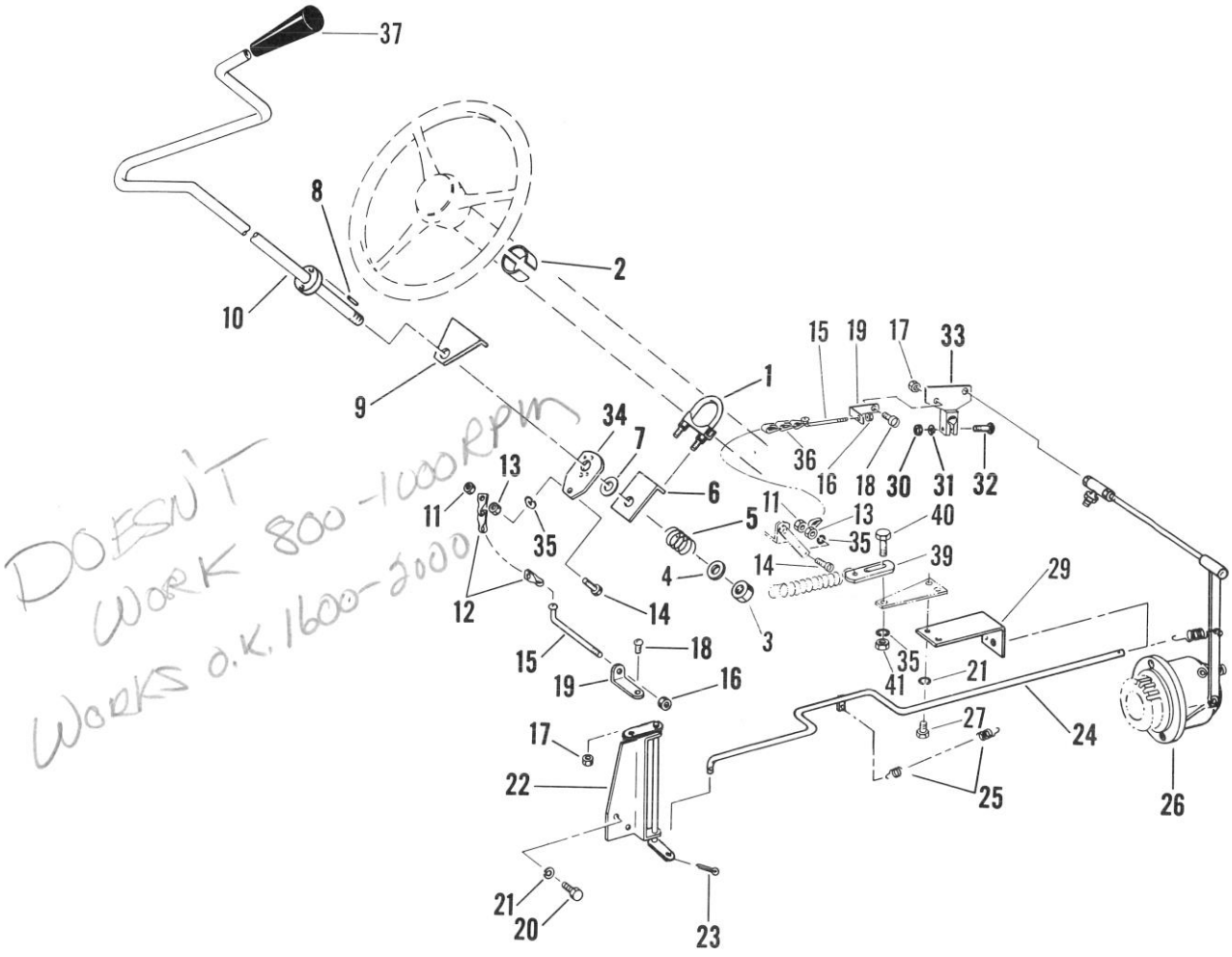
* Not Illustrated


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DUMP BOX KIT

MODEL NO. 2-2219 (FIELD INSTALLED) AND MODEL NO. 70043 (FACTORY INSTALLED) – (OPTIONAL EQUIPMENT)

Ref. No.	Part No.	Description	No. Used
1	3219-2	Nut, Endgate Hanger	2
2	3253-4	Lockwasher, Endgate Hanger	2
3	3210-11	Capscrew, Endgate Hanger	2
4	5-3208	Endgate	1
5	3219-2	Nut, Endgate Hanger to Body	4
6	3253-4	Lockwasher, Endgate Hanger to Body	4
7	3210-5	Capscrew, Endgate Hanger to Body	4
8	5-3223	Endgate Hanger, Left	1
9	5-3224	Endgate Hanger, Right	1
10	5-3225	Spacer, Endgate Hanger Bracket	2
11	3219-5	Nut, Snubber Chain to Tractor	2
12	3253-7	Lockwasher, Snubber Chain to Tractor	2
13	3213-3	Capscrew, Snubber Chain to Tractor	7
14	3219-6	Nut, Bracket Cap	4
15	3253-8	Lockwasher, Bracket Cap	4
16	5-3185	Snubber Assembly, Dump Box	1
17	3272-16	Cotter Pin, Endgate Latch Rod	4
18	3256-5	Washer, Endgate Latch Rod	2
19	5-3214	Rod, Endgate Latch	2
20	3272-21	Cotter Pin, Endgate Latch Hook	2
21	5-3222	Washer, Endgate Latch Hook	2
22	5-3188	Hook, Endgate Latch	2
23	3219-2	Nut, Latch Lever to Body	4
24	3253-4	Lockwasher	4
25	3210-4	Capscrew, Latch Lever to Body	4
26	5-1183	Washer	4
27	5-3215	Lever, Endgate Latch	1
28	3219-5	Nut	1
29	3253-7	Lockwasher	1
30	3213-4	Capscrew	1
31	5-3221	Spring, Dump Body	1
32	325-7	Capscrew, Lock Lever Support	4
33	3253-7	Lockwasher, Lock Lever Support	4
34	5-3192	Cap, Lock Lever Support	2
35	3219-5	Nut, End Support to Frame	1
36	3253-7	Lockwasher, End Support to Frame	1
38	5-3220	Support, Lock Lever End	1
39	5-3196	Lock Lever	1
40	3219-5	Nut, Support to Frame	4
41	3253-7	Lockwasher, Support to Frame	4
42	3213-3	Capscrew, Support to Frame	4
43	5-3191	Support, Lock Lever and Body, Left	1
44	5-3190	Support, Lock Lever and Body, Right	1
45	3214-9	Capscrew, Bracket Cap	4
46	5-3184	Cap, Body Hanger Bracket	2
47	3217-9	Nut, Body to Bracket	2
48	3253-7	Lockwasher, Body to Bracket	4
49	3233-7	Carriage Bolt, Body to Bracket	2
50	3217-9	Nut, Body to Bracket	2
51	3233-4	Carriage Bolt, Body to Bracket	2
52	5-3183	Bracket, Body Hanger	2
53	5-3193	Pipe, Body Support	1
54	5-3197	Dump Box Assembly	1
55	3219-5	Nut, Bearing Bracket to Frame	4
56	3253-7	Lockwasher, Bearing Bracket to Frame	4
57	3213-2	Capscrew, Bearing Bracket to Frame	4
58	3219-5	Nut, Bearing Bracket to Frame	4
59	3253-7	Lockwasher, Bearing Bracket to Frame	4
61	5-3182	Bracket, Support Pipe Bearing	2
62	3-0704	Decal	3
63	3-0703	Decal	1
64	3290-216	Bevel Washer	5



GOVERNOR KIT

MODEL NO. 2-2699 (FIELD INSTALLED) AND MODEL NO. 70103 (FACTORY INSTALLED) – (OPTIONAL)

Ref. No.	Part No.	Description	No. Used
1	2112-6	Clamp, Muffler	2
2	3-2844	Saddle	4
3	3296-7	Nut, Lever Retaining	1
4	3256-25	Washer	1
5	5-0857	Spring, Compression	1
6	3-2856	Bracket, Friction Disc	1
7	3-2858	Disc, Friction	1
8	32121-2	Roll Pin	2
9	3-2845	Bracket, Upper	1
10	10-0630	Lever, Hand Throttle	1
11	3296-3	Nut, Link Retaining	2
12	10-2920	Chain	1
13	3220-1	Jam Nut	2
14	32113-21	Machine Screw	2
15	3-3366	Screw, Adjusting	2
16	3296-2	Nut	2
17	3296-12	Nut	2
18	3252-2	Screw	2
19	3-3365	Link, Governor Chain	2
20	323-4	Capscrew, Bell Crank Retaining	2

Ref. No.	Part No.	Description	No. Used
21	3253-21	Lockwasher	4
22	3-4310	Bell Crank	1
23	3272-6	Pin, Cotter	1
24	3-4330	Rod, Governor Control	1
25	5-2965	Spring, Return	1
26	212-252	Governor & Adapter	1
27	3211-1	Capscrew, Guide Retaining	2
29	3-3364	Guide, Governor Rod	1
30	3217-26	Nut, Throttle Lever Retaining	1
31	3253-2	Lockwasher	1
32	3252-4	Capscrew	1
33	10-2900	Lever, Throttle	1
34	3-2857	Plate, Friction	1
35	3253-3	Lockwasher	2
36	10-2930	Chain, Carburetor	1
37	10-0640	Handle	1
39	10-2710	Extension	1
40	321-4	Capscrew	1
41	3217-5	Nut	1

INSTRUCTIONS FOR ADJUSTING THE GOVERNOR AT THE TIME OF INSTALLATION

With engine not running:

1. Assemble the governor and hand throttle control linkage to the tractor. Remove standard throttle lever from carburetor and install special throttle lever (ref. 33 - page 30 - no. 10-2900), leaving it loose on the throttle shaft for the time being. Remove standard foot feed link (ref. 102 - page 12 - no. 10-2720), and replace with chain (ref. 12 - page 30 - no. 10-2920) and attaching parts as shown, remove the link which operates the accelerator pump from carburetor and discard. Spring (ref. 44 - page 12 - no. 5-1706), removed from foot feed linkage, should be installed as shown.

2. Adjust the length of the governor control rod by turning the end ball sockets in or out so carburetor lever (ref. 33 - page 30 - no. 10-2900) will not go over center or even close to it as the governor arm is moved back and forth through its full travel. Tighten jam nuts on the governor control rod, making sure the ball sockets have free motion when the jam nuts are tight. It is now the correct length, and its length should not be changed again to make any adjustment.

3. Adjust the length of the foot feed chain by turning nut (ref. 16 - page 30 - no. 3296-2) in or out. Push the governor arm as far as it will go in the "fast" direction and, while holding it there, adjust the foot feed chain so it is just snug when the foot feed pedal touches the toe board.

4. Still holding the governor arm in its full "fast" position, rotate the carburetor throttle shaft till it strikes the wide open throttle stop. Back it off 1/32" and tighten clamp screw (ref. 32 - page 30 - no. 3252-4) and nut (ref. 30 - page 30 - no. 3217-26).

5. Back off the bumper adjusting screw so it does not contact anything inside the governor case when the governor arm is full forward (idle position).

6. Move the hand throttle lever (ref. 10 - page 30 - no. 10-0630) to idle position (all the way up). Adjust nut (ref. 16 - page 30 - no. 3296-2) so cross chain (ref. 12 - page 30 - no. 12-2920) is not slack but is just barely snug.

Slow Idle Adjustment, Engine Running:

7. Move the hand throttle lever (ref. 10 - page 30 - no. 10-0630) to "idle" position (all the way up).

8. Adjust the idle stop screw on the carburetor to the desired slow idle speed (approximately 500 rpm).

9. Turn in the bumper adjusting screw to give an additional 20 rpm and tighten its jam nut.

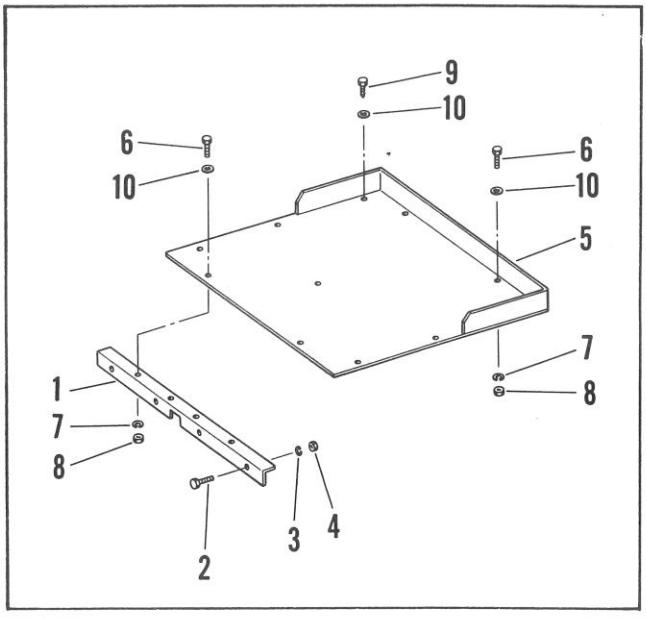
Fast Idle Adjustment, Engine Running:

10. Move the hand throttle lever (ref. 10 - page 30 - no. 10-0630) to the "fast" position (all the way down). Engine should run at approximately 2200 rpm when under no load and 1900 rpm under full load, ±100 rpm. There is no adjustment provided for this.

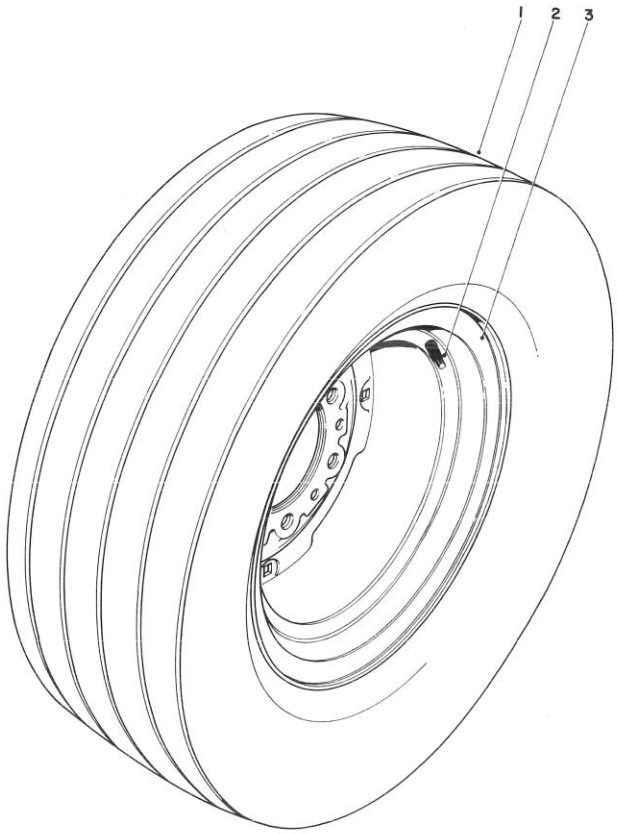
11. There should be enough friction in the friction disc (ref. 7 - page 30 - no. 3-2858) so the hand throttle lever (ref. 10 - page 30 - no. 10-0630) will hold any setting, including fast idle, as in step 10 above, without creeping. If it will not hold, tighten the nut (ref. 3 - page 30 - no. 3296-7) until it will hold. Do not tighten more than necessary, though, as this makes the control harder to operate than is desirable.

PLATFORM EXTENSION KIT

MODEL NO. 70053 (FACTORY INSTALLED) – (OPTIONAL EQUIPMENT)



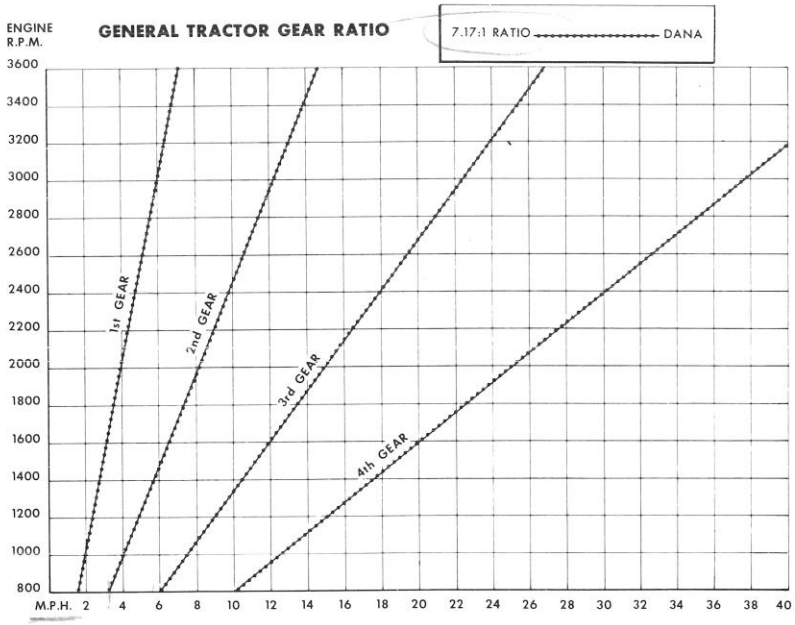
Ref. No.	Part No.	Description	No. Used
1	3-3223	Support Angle	1
2	3211-4	Capscrew	4
3	3253-21	Lockwasher	4
4	3219-3	Nut	4
5	3-4350	Floor Plate	1
6	3211-3	Capscrew	4
7	3253-21	Lockwasher	4
8	3219-3	Nut	4
9	32104-6	Capscrew, Self-tapping	7
10	3256-24	Flatwasher	11

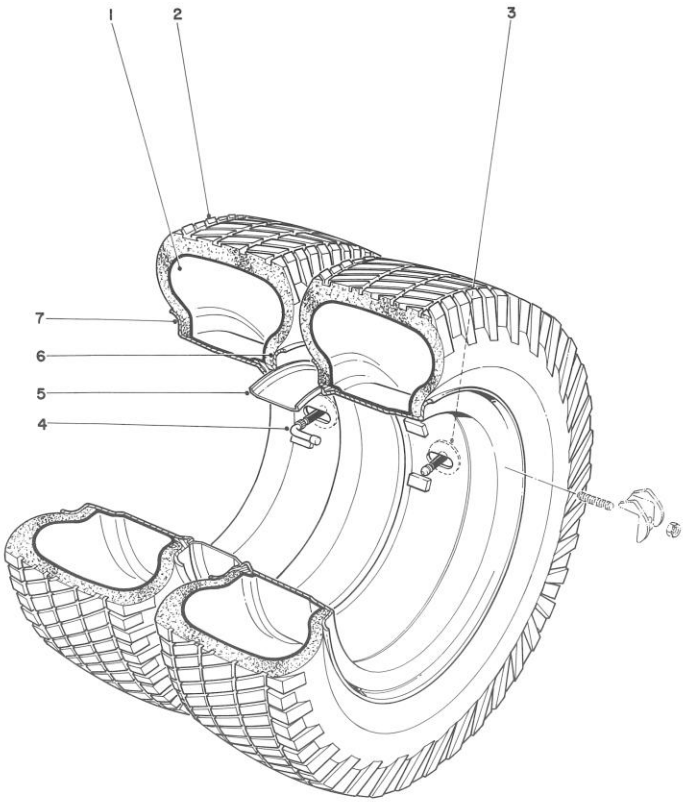


FRONT WHEEL KIT ASSEMBLY (Model 70180)

Ref. No.	Part No.	Description	No. Used
1	231-62	Tire 9.50 x 14	2
2	232-29	Tube 9.50 x 14	2

Ref. No.	Part No.	Description	No. Used
3	10-0720	Rim 8.00 x 14	2

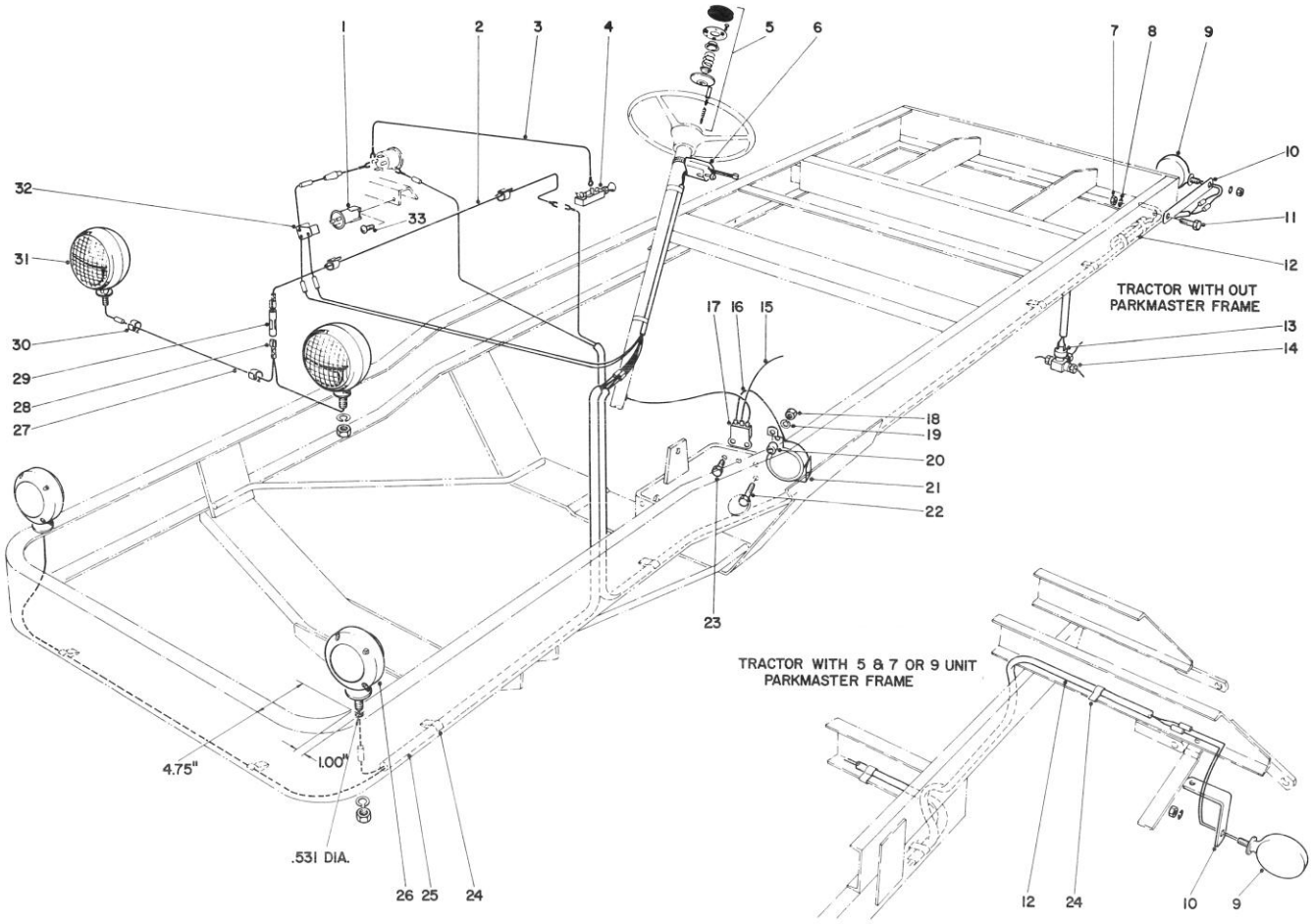




REAR DUAL TIRE

Ref. No.	Part No.	Description	No. Used
1	232-13	Tube	4
2	231-70	Tire 8.00 x 16	4
3	3256-8	Bridge Washer	4
4	217-16	Valve Extension	2

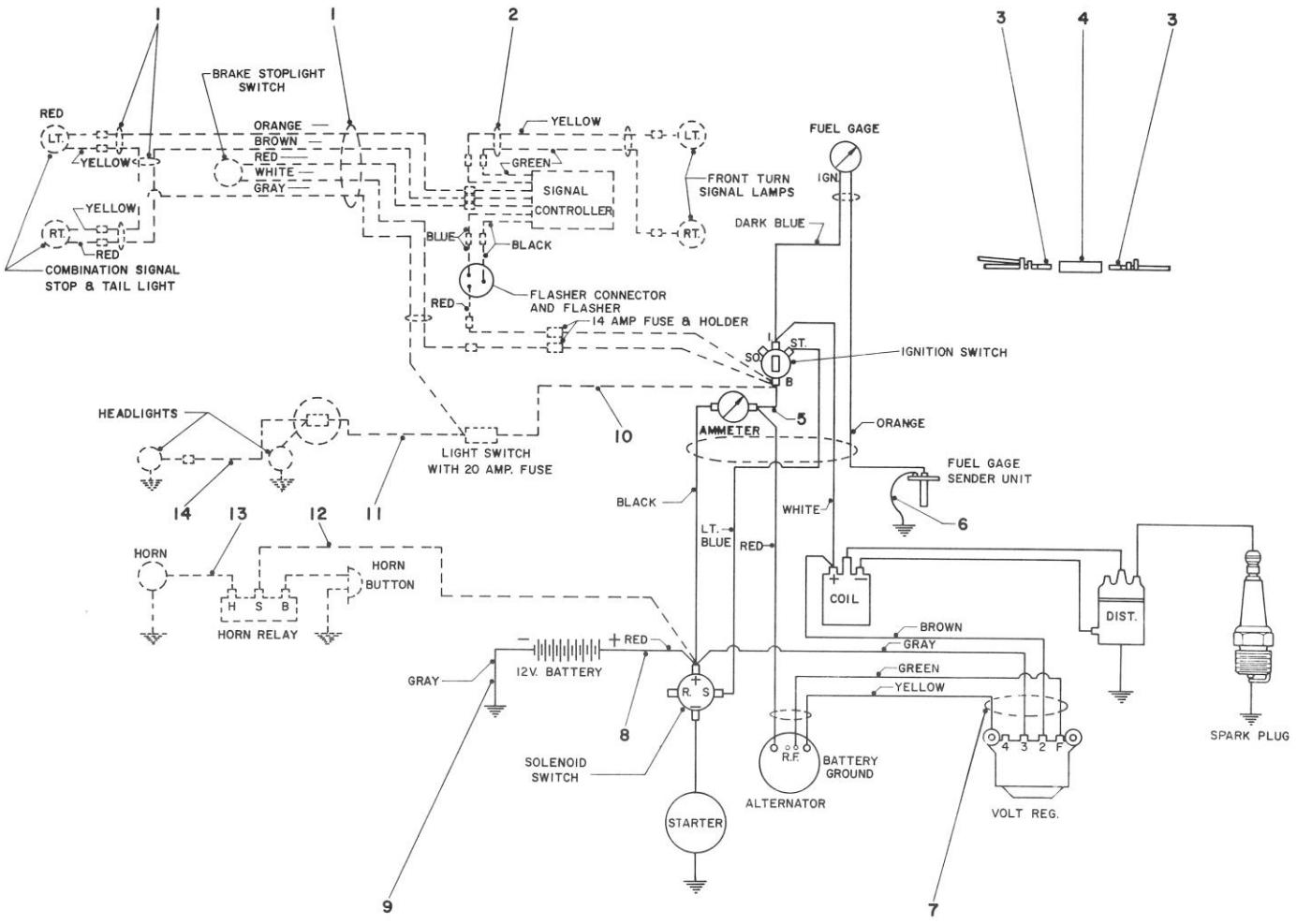
Ref. No.	Part No.	Description	No. Used
5	11-4880	Spacer Band	2
6	217-100	Rim Ring	4
7	11-4810	Rim	4



ROAD KIT ASSEMBLY (Model No. 70098)

Ref. No.	Part No.	Description	No. Used
1	218-456	Flasher	1
2	3-3453	Wire – Head Light	1
3	3-3455	Jumper Wire	1
4	218-213	Light Switch	1
5	218-274	Horn Button	1
6	11-6400	Signal Controller	1
7	3217-11	Nut	2
8	3253-8	Lockwasher	2
9	11-6390	Tail, Stop & Directional Lt. Assy.	2
10	3-3402	Bracket (Part to be formed with a 90° bend when used on P.M.)	2
11	327-4	Capscrew	2
12	11-6370	Wire – Harness	1
13	218-242	Stop Light Switch	1
14	218-243	Tee Brake Line	1
15	3-1972	Wire	1
16	3-8287	Wire	1

Ref. No.	Part No.	Description	No. Used
17	218-212	Relay	1
18	3217-5	Nut	4
19	3253-3	Lockwasher	4
20	3-0453	Spacer	1
21	218-284	Horn	1
22	321-8	Capscrew	1
23	321-5	Capscrew	3
24	212-93	Wire Clip	13
25	11-6380	Wire Harness	1
26	11-6250	Front Signal Lamp	2
27	3-3454	Wire – Jumper	1
28	218-249	Female Connector	2
29	218-248	Line Splice Connector	1
30	218-214	Clip	4
31	3-9010	Lamp Assy.	2
32	11-6440	Connector Assy. Flasher	1
33	32104-24	Screw, Self-Tapping	1



GENERAL TRACTOR 12 VOLT WIRING DIAGRAM

Ref. No.	Part No.	Description	No. Used
1	11-6370	Wiring Harness	1
2	11-6380	Wiring Harness	1
3	218-249	Receptacle, Female	2
4	218-248	Connector, Line Splice	1
5	3-1836	Jumper Wire	1
6	3-3868	Ground Wire	1
7	5-1947	Ignition Harness	1

Ref. No.	Part No.	Description	No. Used
8	218-209	Battery Cable	1
9	218-208	Ground Cable	1
10	3-3455	Jumper Wire	1
11	3-3453	Headlight Wire	1
12	3-3394	Jumper Wire	1
13	3-8287	Wire (Relay to Horn)	1
14	3-3454	Jumper Wire	1

IMPORTANT ORDERING INSTRUCTIONS

Repair parts are available from your TORO distributor.

To insure getting correct parts without delay, please furnish the following information:

1. Part number, description and quantity of each part required.
2. State whether parts should be shipped by mail or express. All repair parts are shipped F.O.B. factory.
3. Name and address where parts are to be shipped.
4. Do not order by reference number; use part number only.

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 are not 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 parts numbers.

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
Minneapolis, Minnesota 55420

Form No. 3310-76 Rev. A

Litho in U.S.A.