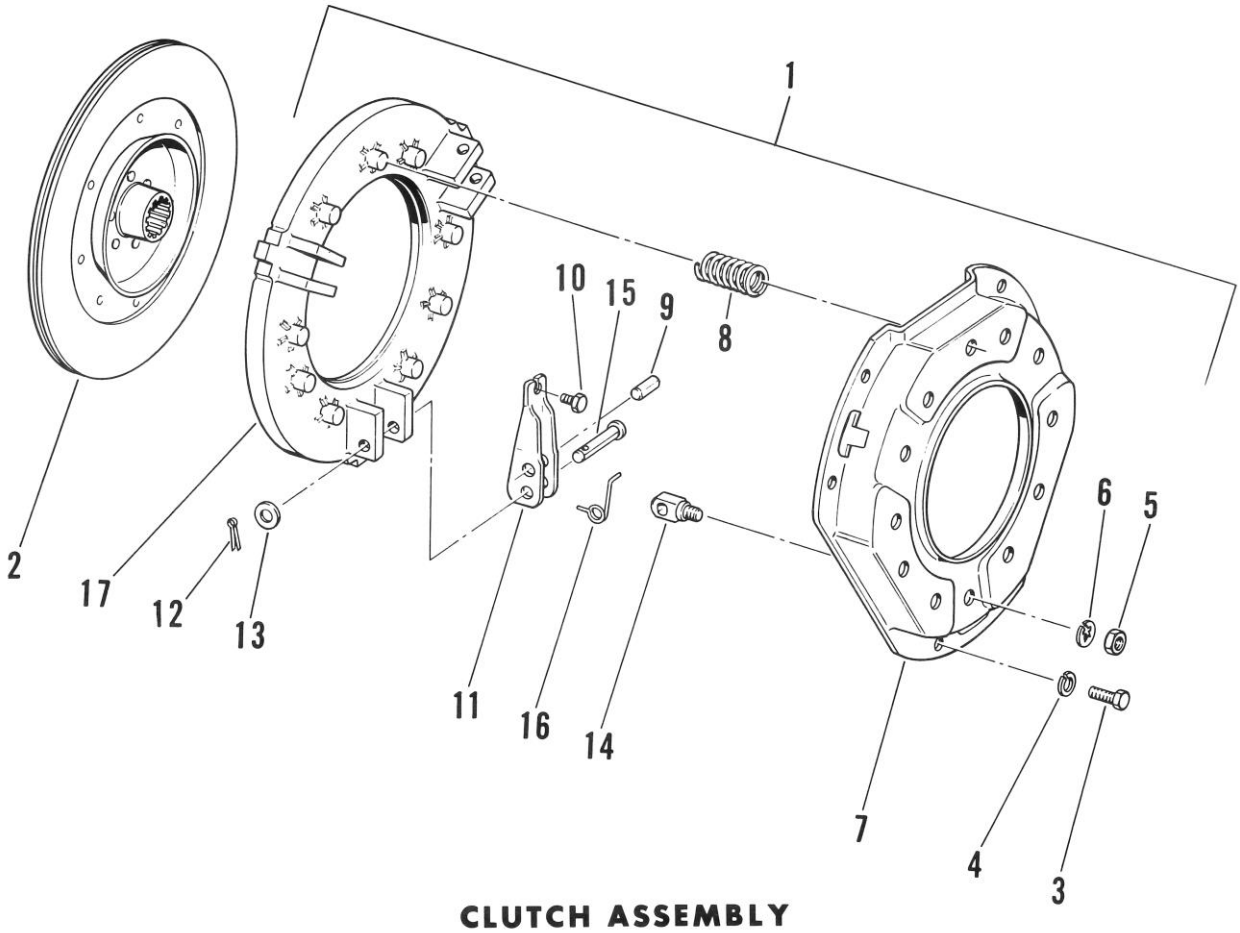
TORO®

MODEL NO. 37014-90001 & UP
-00001 & UP

GENERAL TRACTOR

PARTS CATALOG



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

* Not Illustrated

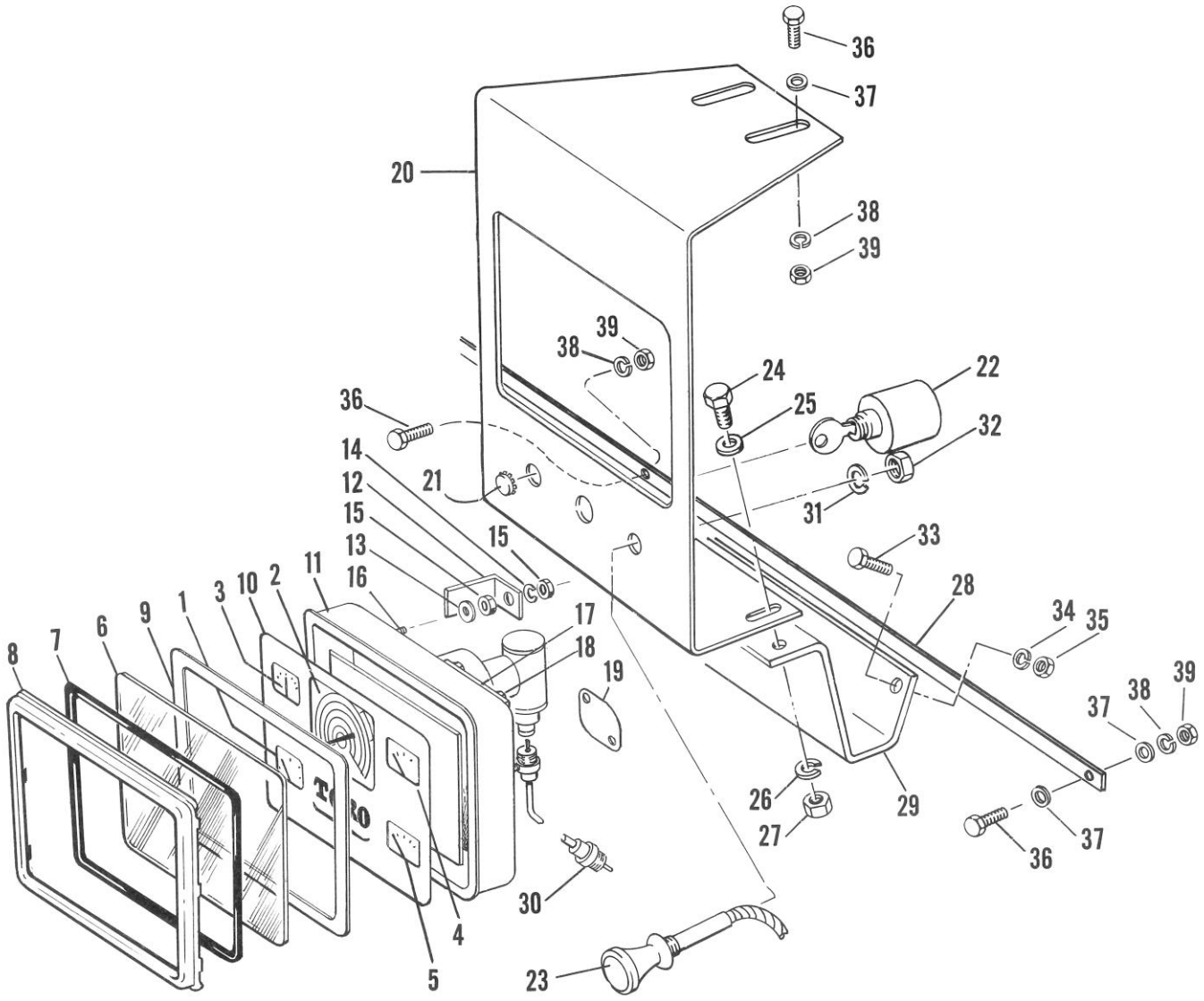
TROUBLE SHOOTING CHART

TROUBLE	PROBABLE CAUSE	REMEDY
Hard steering.	Front tire air pressure low. Steering gear low on lubricant. Steering linkage dry. Spindle frozen. Oil level in pump low (with power steering).	Check pressure. Fill steering gear. Re-grease linkage. Replace. Bring up to level.
Transmission hard to shift.	Heavy lubricant in cold weather. Transmission lubricant low.	Use #90 lubricant in winter. Re-fill to proper level.
Gears grind when shifting.	Too much free travel in clutch pedal. Operator shifting gears with tractor in motion. Transmission shift fingers bent.	Re-adjust linkage. "Double clutch" when shifting on the move, or else stop the tractor to shift gears. Inspect and replace.
Brakes will not hold.	Leak in hydraulic system. Brake fluid low in master cylinder. Brake shoes worn. Shoes wet. Shoes soaked with oil.	Inspect and seal. Refill with clean brake fluid. Adjust brakes or replace brake shoes. Allow to dry. Replace shoes.
Hand brakes will not hold.	Hand brake linkage set too loose. Brake shoes worn down too far.	Re-adjust lever. Replace shoes.
Brakes "fade" after prolonged operation.	Brake shoes adjusted too tight.	Back off star wheels five to ten notches.

NOTE: FOR TROUBLES PERTAINING TO THE ENGINE, REFER TO YOUR ENGINE MANUAL.

INDEX

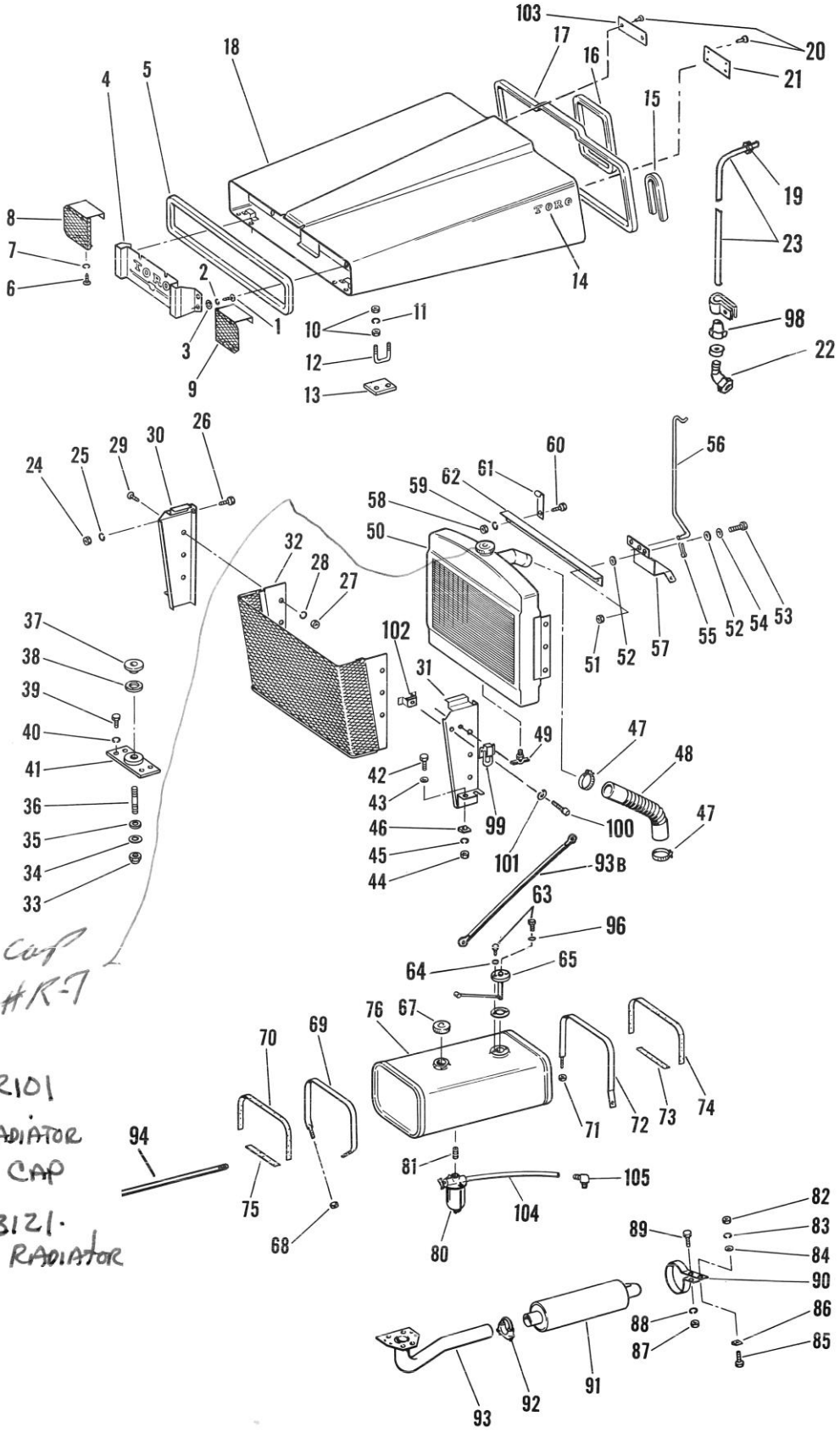
Clutch Assembly . . . . . Front Cover
Trouble Shooting Chart 2
Instrument Panel 3
Hood, Radiator, Fuel Tank & Muffler 4, 5
Frame, Toe Board, Floor Plate & Battery . . . 6, 7
Front Wheels and Axle 8, 9
Transmission Assembly 10, 11
Brake, Clutch & Throttle Linkage 12, 13
Steering Gear Assembly 14, 15
DANA Rear Axle 16
Rear Wheels 17
Hydraulic Brakes 18
Seat Assembly 19
12V Wiring Diagram 20
OPTIONAL EQUIPMENT
Head & Tail Light Kit 21
Power Steering Kit 22, 23
Power Steering Booster Assembly 24, 25
Hydraulic Power Kit 26, 27
Rear Power Take-Off 28, 29
Dump Box Kit 30, 31
Governor Kit 32, 33
Platform Extension Kit 33
Directional Signal Kit 34
Horn Kit 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	Flat Washer	4
38	3253-4	Lockwasher	5
39	3219-2	Nut	5

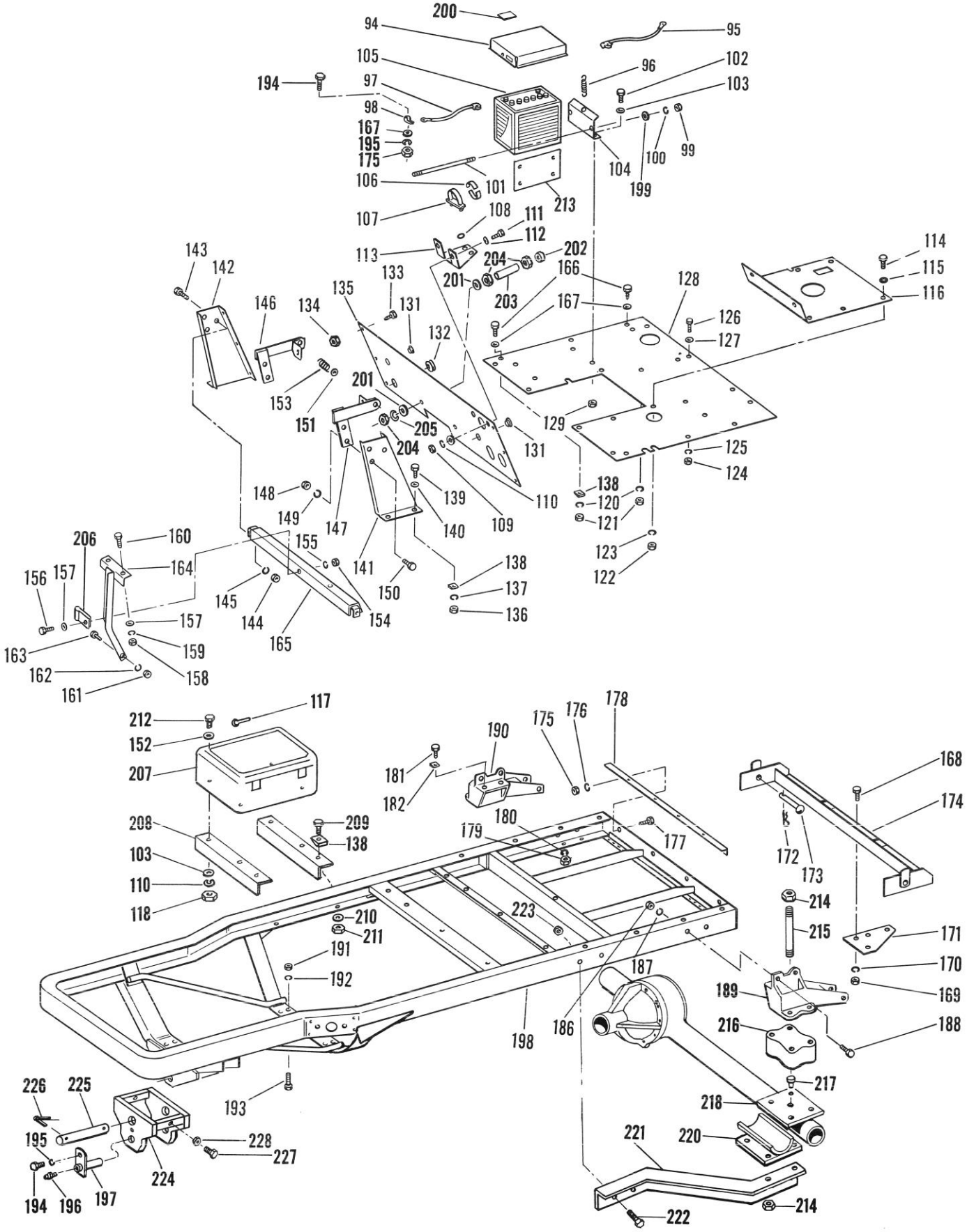

Radiator - cap
START - #R-7
START #TR101
OLD # R-7 RADIATOR CAP
#317-825-3121.
FOR YOUNG RADIATOR

HOOD, RADIATOR, FUEL TANK & 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	2311-3	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	Nut, Fuel Tank Retaining	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	2
83	3253-7	Lockwasher	2
84	3256-26	Flatwasher	2
85	3213-3	Capscrew	2
86	3290-216	Washer, Bevel	2
87	3213-3	Nut	2
88	3253-7	Lockwasher	2
89	3219-5	Capscrew	2
90	5-2971	Bracket, Muffler	2
91	5-3997	Muffler	1
92	2112-5	Clamp, Muffler	1
93	3-3410	Exhaust Pipe	1
93B	3-3868	Wire, Fuel Tank Ground	1
*	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 - Sediment Bowl to Fuel Pump	1
105	304-12	Elbow	2
*	3-4582	Fuel Ln.-Carb. to Fuel Pump	1

*Not Illustrated


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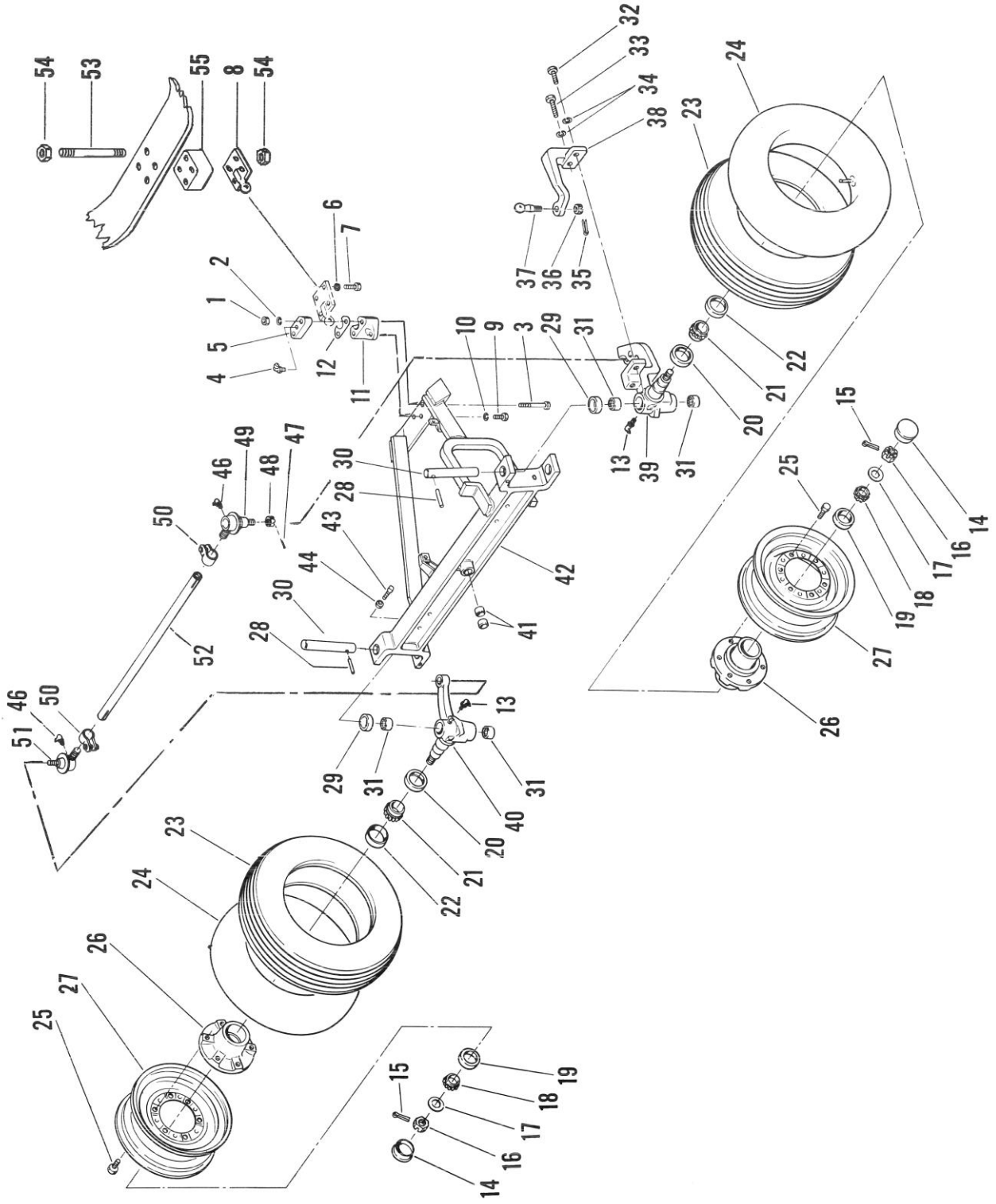
FRAME, TOE BOARD, FLOOR PLATE & BATTERY

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, Muffler	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	Nut, Battery Support	4
131	2410-10	Plug Button	2
132	237-41	Grommet, Insulating	1
133	32100-2	Screw, Self-Tapping	6
134	32127-8	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	1
156	3210-3	Capscrew	1
157	3256-23	Flatwasher	3
158	3219-2	Nut	2
159	3253-4	Lockwasher	2
160	3210-3	Capscrew	2

+ Obtain Locally

Ref. No.	Part No.	Description	No. Used
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	5-1350	Washer	2
202	5-2967	Button	1
203	5-2973	Stud	1
204	3219-2	Nut	3
205	3253-4	Lockwasher	1
206	2412-4	Hose Clip	1
207	5-2250	Tool Box	1
208	5-2248	Support, Tool Box	2
209	325-6	Capscrew	2
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	Nut	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

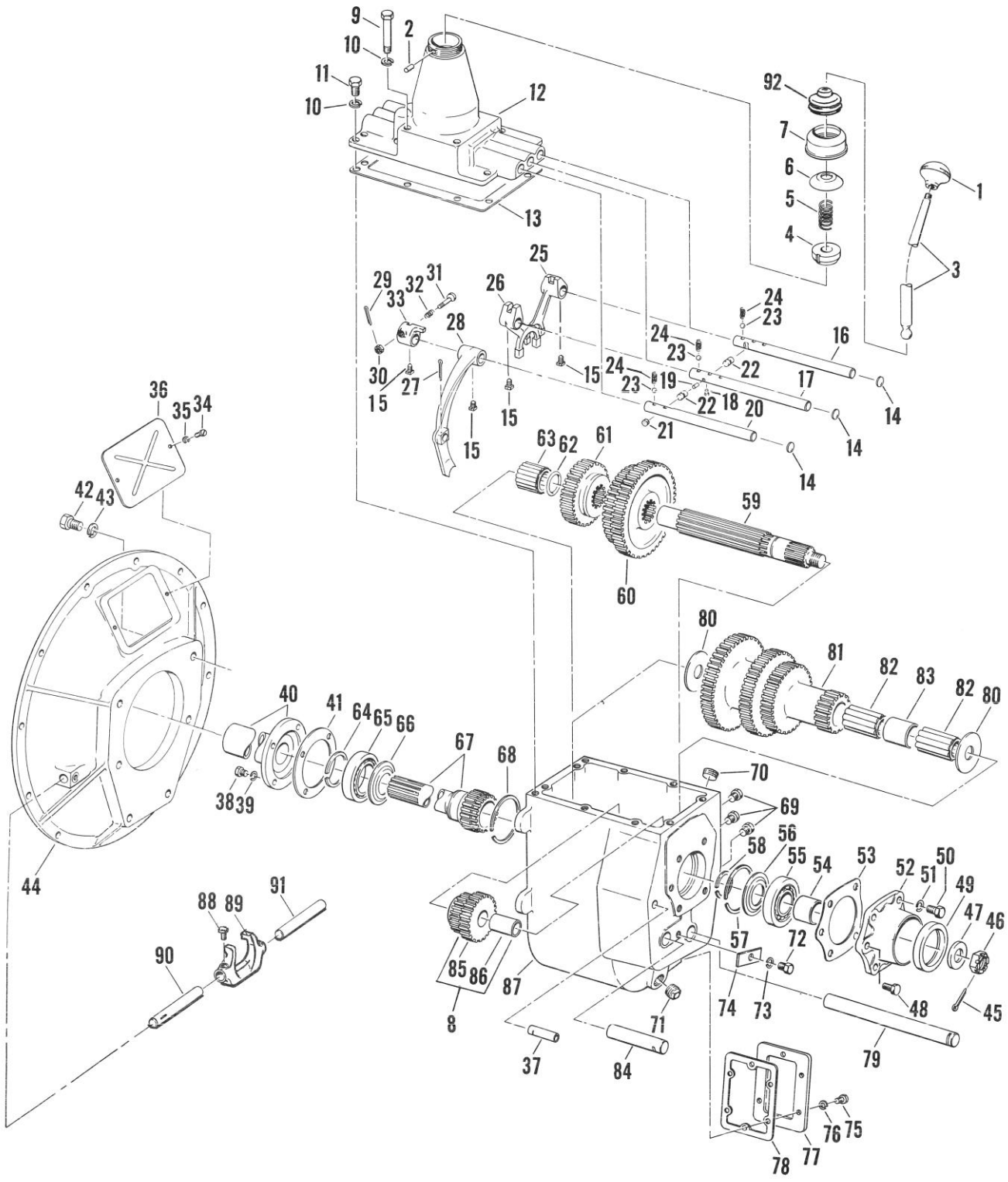
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FRONT WHEELS & AXLE

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	3-4000	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, Front	2
24	232-17	Tube, Inner	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

Ref. No.	Part No.	Description	No. Used
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	3-4612	Stud	4
54	3296-19	Lock Nut	4
55	3-4603	Spacer	1

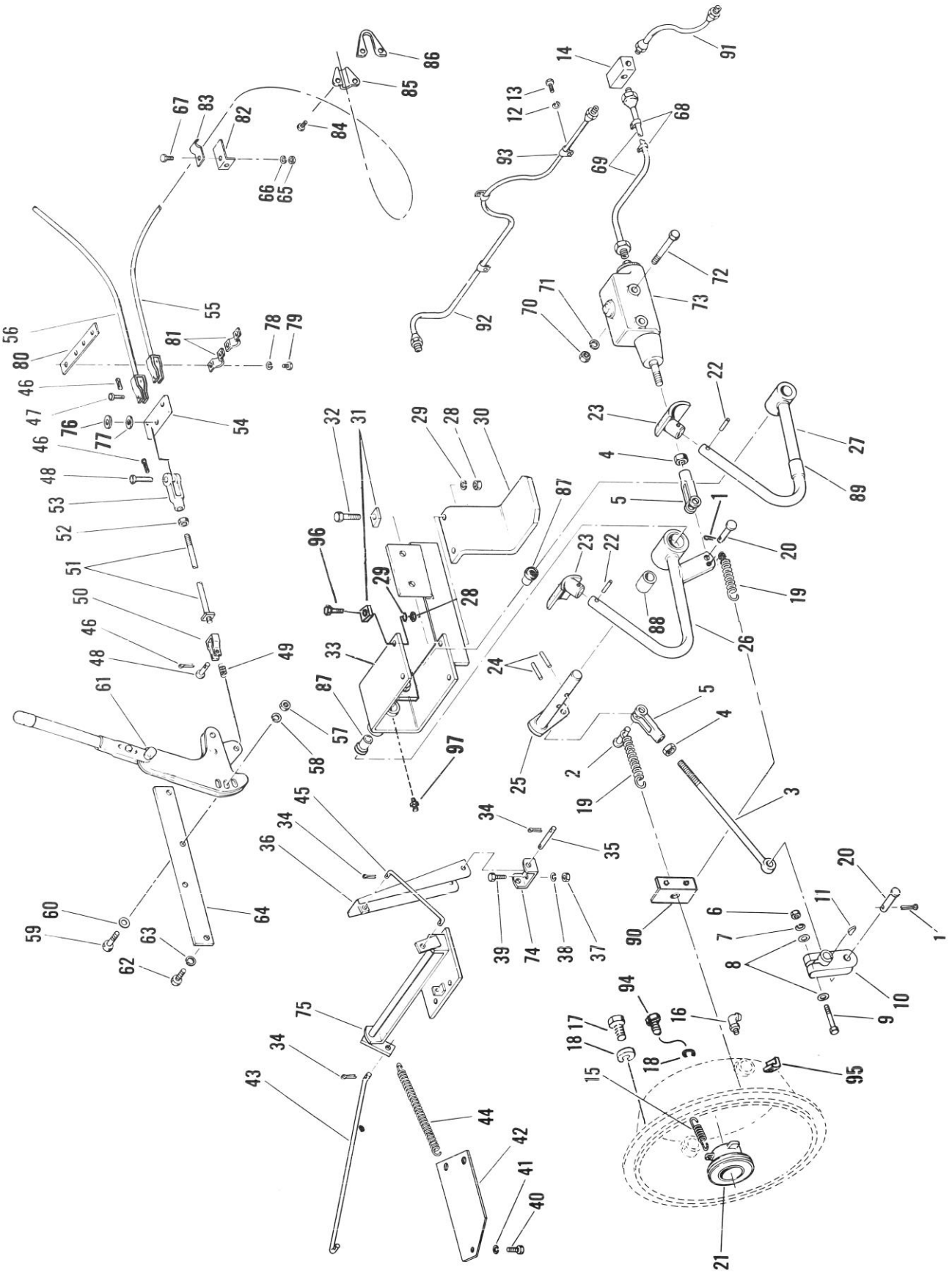

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TRANSMISSION ASSEMBLY

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

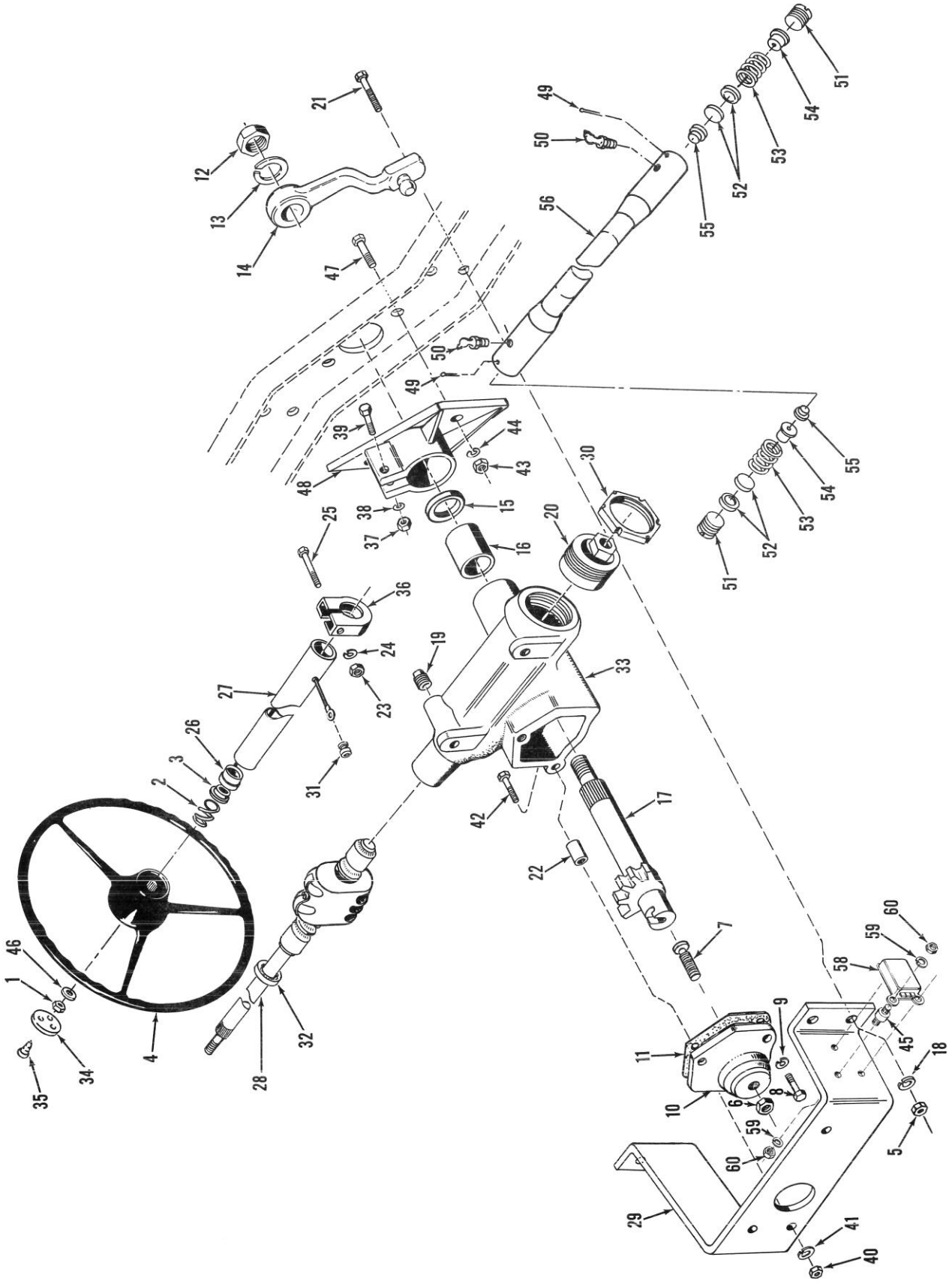
Warner gear part numbers are listed for identification only. Obtain locally, or from Warner Gear Division, Borg-Warner Corporation, Muncie, Indiana.

+ Toro Part - Available from Toro



BRAKE, CLUTCH & 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	3220-3	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	1
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, Trow-Out Assembly	1
22	32121-34	Pin, Retaining	2
23	3-2982	Pedal Pad	2
24	32121-34	Pin, Retaining	2
25	3-3730	Shaft, Clutch Pedal	1
26	3-8760	Brake Pedal and 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 Assembly	1
34	3272-5	Pin, Cotter	6
35	3-3167	Pin, Retaining	1
36	3-3860	Pedal, Foot Feed	1
37	3219-2	Nut, Bracket Retaining	2
38	3253-4	Lockwasher	2
39	3210-3	Capscrew	2
40	3211-1	Capscrew	2
41	3253-21	Lockwasher	6
42	3-3186	Spring Retainer	1
43	3-3185	Rod, Throttle	1
44	5-2965	Spring, Throttle Return	1
45	3-3168	Link, Foot Feed Pedal	1
46	3272-6	Pin, Cotter	4
47	283-1	Yoke Pin	2
48	283-2	Yoke Pin	2
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	2
61	215-22	Hand Brake Lever Assembly	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
74	3-3166	Bracket, Foot Feed	1
75	3-3890	Bell Crank, Foot Feed	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


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STEERING GEAR ASSEMBLY

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

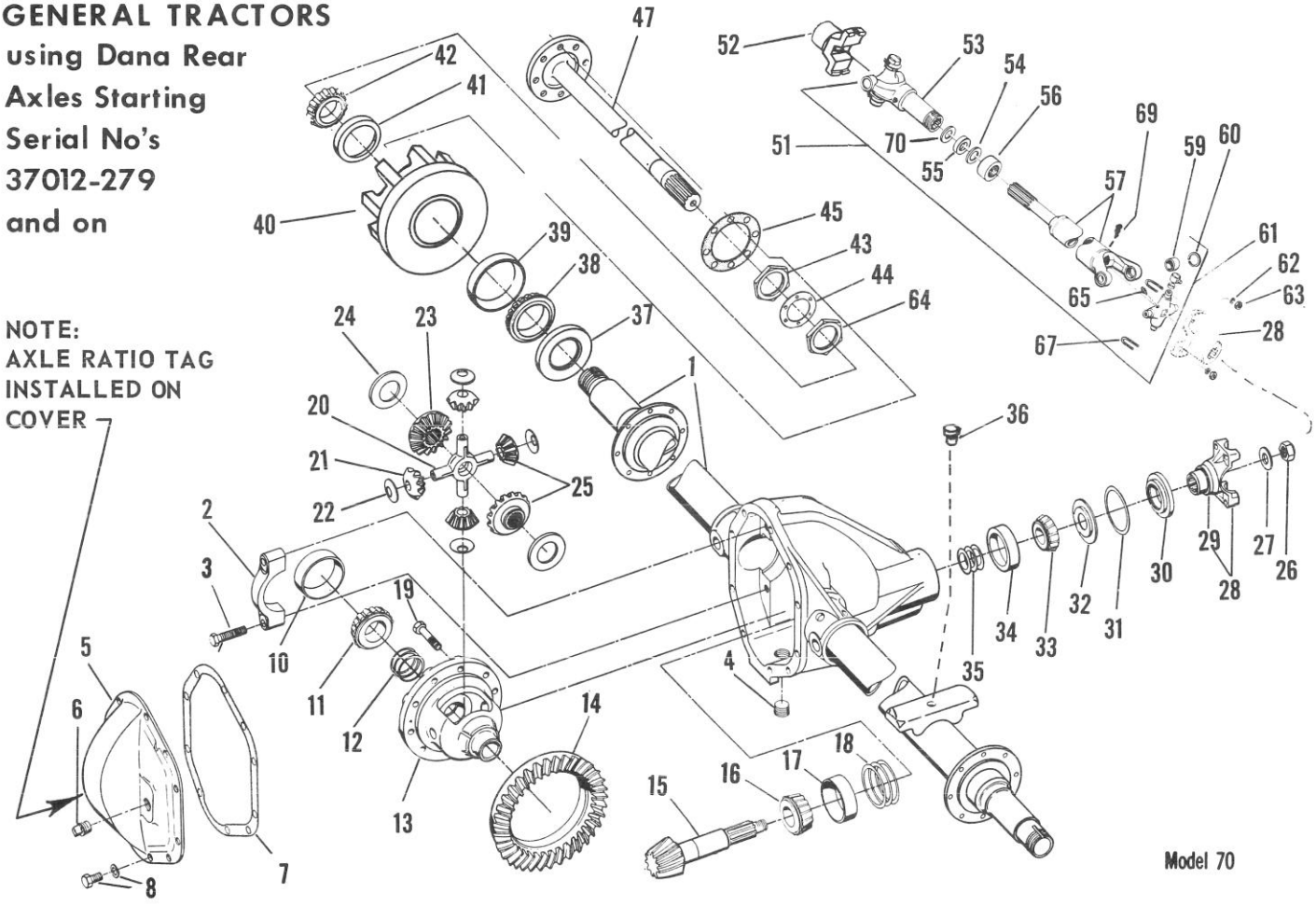
Ref. No.	Part No.	Description	No. Used
	3-7801	Steering Gear, complete less items 4 and 14	
1	3220-5	Nut	1
2	213-207	Spring	1
3	213-206	Spring Seat	1
4	238-3	Steering Wheel	1
5	3217-9	Nut	4
6	3220-4	Locknut	1
7	213-195	Adjusting Screw	1
8	323-4	Screw	3
9	3253-21	Lockwasher	3
10	213-196	Cover, Side	1
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	2
17	213-202	Gear	1
18	3253-7	Washer	4
19	281-3	Plug, Oil Fill	1
20	213-204	End Cover Assy. & Brg.	1
21	325-5	Capscrew	4
22	3-7945	Spacer	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	213-200	Worm Assembly	1
29	3-7946	Bracket, Strg. Gear W. A.	1
30	213-203	Nut, Locking	1

Ref. No.	Part No.	Description	No. Used
31	213-209	Grommet	1
*	213-211	Shim Kit	1
32	213-201	Ball Bearing	1
33	213-199	Housing Assembly	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	Drag Link Assy., complete (Incl. Ref. No. 50 thru 56)	1
58	218-322	Voltage Regulator	1
59	3253-3	Lockwasher	6
60	3217-5	Nut	6

* Not Illustrated

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

NOTE:
AXLE RATIO TAG INSTALLED ON COVER



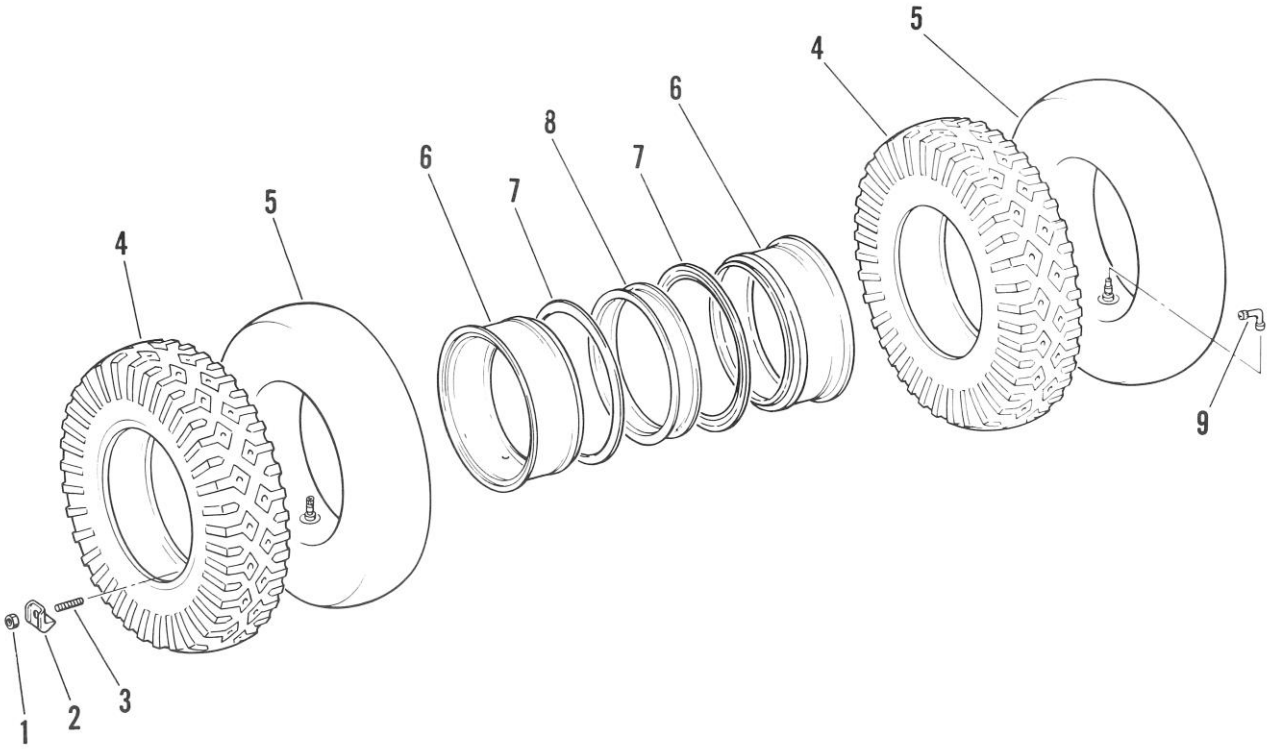
Ref. No.	Part No.	Description	No. Used
1	2533-1	Housing Sub-Assy. Axle, Complete Includes Ref. Nos. 2, 3, & 4	1
2	30256 - NSS	Cap, Diff. Bearing	2
3	500400 - 2D	Screw	4
4	30206	Plug, Axle Hsg. Drain	1
5	21093X	Cover - Sub-Assy. Axle Hsg. Includes Ref. No. 6	1
6	500091	Plug, Lubrication Filler	1
7	30810	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 Adj. .003"	2
18	30797-2	Shim, Inner Pinion Adj. .005"	2
18	30797-3	Shim, Inner Pinion Adj. .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 Includes Ref. Nos. 21 and 23	
26	30271	Nut, Pinion Lug Lock	1
27	30275	Washer, Pinion Hsg. Lock	1
28	3-3-598X	Yoke Sub-Assy., Univ. Joint End Incl. Ref. No. 29	
29	30798	Shield, End Yoke Dust	1
30	30277	Seal, Pinion Oil	1
31	30188	Gasket, Pinion Oil Seal	1

Ref. No.	Part No.	Description	No. Used
32	30273	Slinger, Outer Pinion Oil	1
33	550358	Cone, Outer Pinion Bearing	1
34	550359	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	31867	Seal Assy.	2
38	550401	Cone, Inner Wheel Brg.	2
39	550232	Cup, Inner Wheel Brg.	2
* 40	3-5017	Wheel Hub, Rear	2
41	550231	Cup, Outer Wheel Brg.	2
42	550188	Cone, Outer Wheel Brg.	2
43	30991	Nut, Wheel Brg.	4
44	30990	Locknut, Wheel Brg.	2
45	31866	Gasket, Wheel Brg. Retainer 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	101322-103-SF	Universal Joint	1
52	3-4-3291	Front Yoke	1
53	3-3-598X	Slip Yoke	1
54	3-½-15-53	Washer	
55	3-16-53	Dust Cap, Felt	
56	3-½-14-39	Retainer Cap	
57	3-60-1-3811X	Shaft Sub-Assy.	
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.	1
*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

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

* Available from Toro Manufacturing Corporation.

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

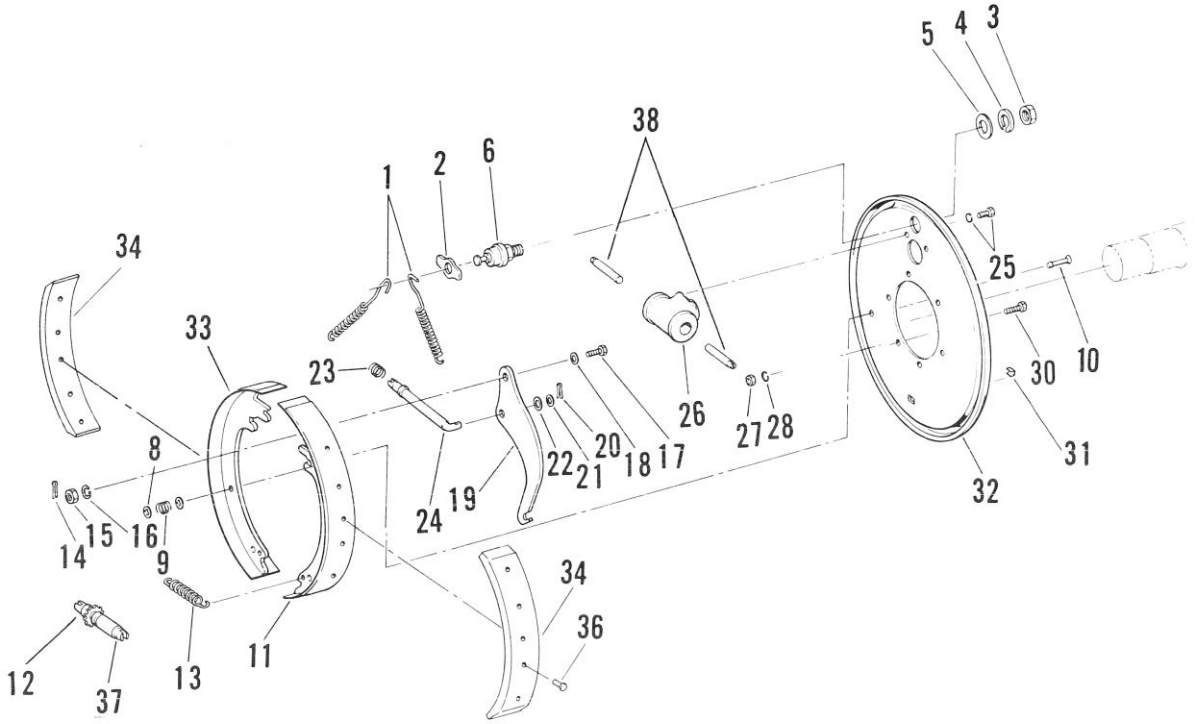


FOR REAR WHEELS ON DANA AXLE, SEE PAGE 16.

REAR WHEELS

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	4
5	232-13	Inner Tube	4

Ref. No.	Part No.	Description	No. Used
6	217-36	Rim	4
7	217-37	Ring, Retaining	4
8	217-31	Spacing Band	2
9	217-16	Valve Extension	2

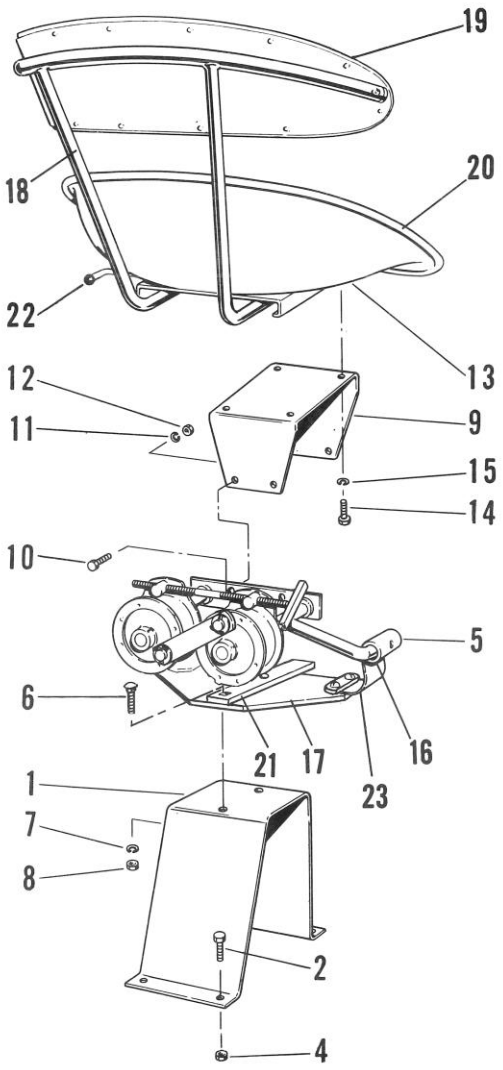


HYDRAULIC BRAKES

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	Nut, Backplate Retaining Dana - Axle	8
28	3253-7	Washer Lock - Dana - Axle	8
30	3213-3	Capscrew - Dana - Axle	8
31	215-42	Plug, Dust	2
32	215-59	Backplate - L.H. - Dana - Axle	1
*	215-60	Backplate - R.H. - Dana - Axle	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

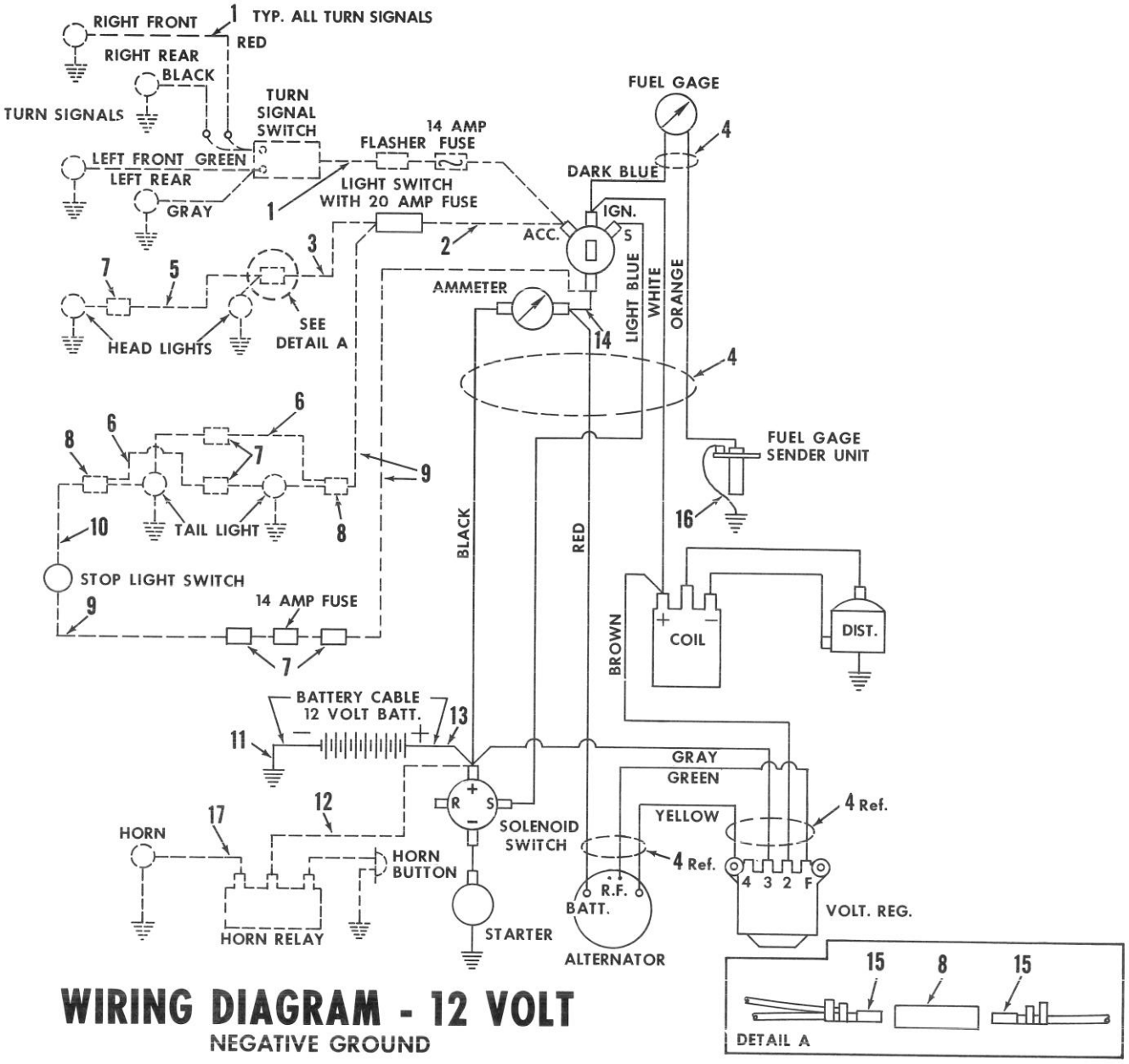
* Not Illustrated



SEAT ASSEMBLY

Models 37011, 37012, 37013, 37013-50001 & Up – 37013-60001 & Up

Ref. No.	Part No.	Description	No. Used
1	3-3171	Seat Base	1
2	3211-5	Capscrew	4
4	32127-15	Nut	4
5	351-8	Seat Support Assembly	1
6	3232-2	Bolt	2
7	3253-6	Lockwasher	2
8	3217-8	Nut	2
9	3-3172	Seat Attachment Brkt.	1
10	3211-4	Capscrew	4
11	3253-21	Lockwasher	4
12	3219-3	Nut	4
13	351-12	Lower Slide	1
14	322-3	Capscrew	4
15	3253-4	Lockwasher	4
16	256-124	Bushing	4
17	351-11	Base Plate	1
18	351-13	Frame	1
19	351-14	Back Rest	1
20	351-15	Cushion	1
21	3-5027	Cover Plate	1
22	351-23	Plunger Repair Kit	1
23	351-29	Leaf Spring	2



WIRING DIAGRAM - 12 VOLT

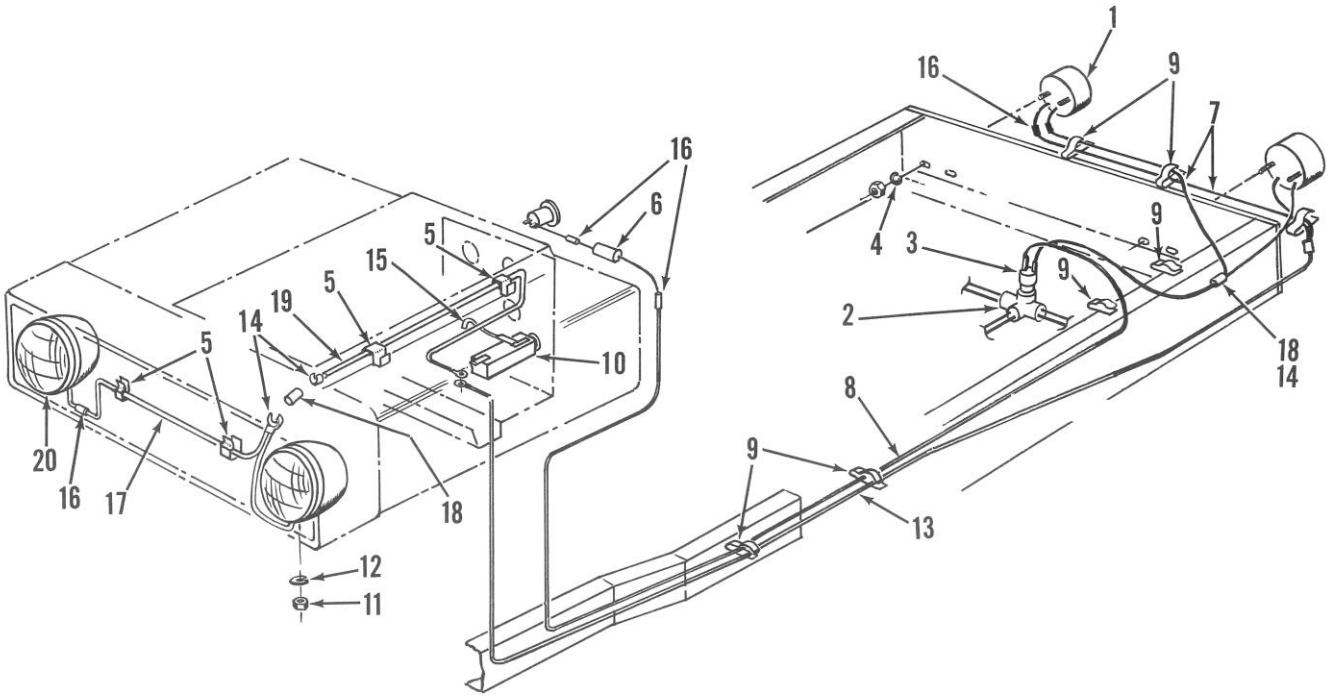
NEGATIVE GROUND

WIRING DIAGRAM - 12 VOLT

USED ON TRACTOR SERIAL NO. 37013-60046 & UP

Ref. No.	Part No.	Description	No. Used
1	3-3443	Wire (Directional Lights)	1
2	3-3455	Wire - Jumper	1
3	3-3453	Wire - Headlight	1
4	5-1947	Ignition Harness	1
5	3-3454	Wire - Jumper	1
6	3-7646	Wire (Tail Light)	2
7	218-250	Butt Connector	5
8	218-248	Line Splice Connector	3
9	3-3456	Wire (Tail Light)	3

Ref. No.	Part No.	Description	No. Used
10	3-7645	Wire (Tail Light)	1
11	218-208	Ground Cable	1
12	3-3394	Jumper Wire (Horn Relay)	1
13	218-209	Battery Cable	1
14	3-1836	Jumper Wire	1
15	218-249	Female Receptacle	6
16	3-3868	Wire - Ground	1
17	3-8287	Wire (Relay to Horn)	1



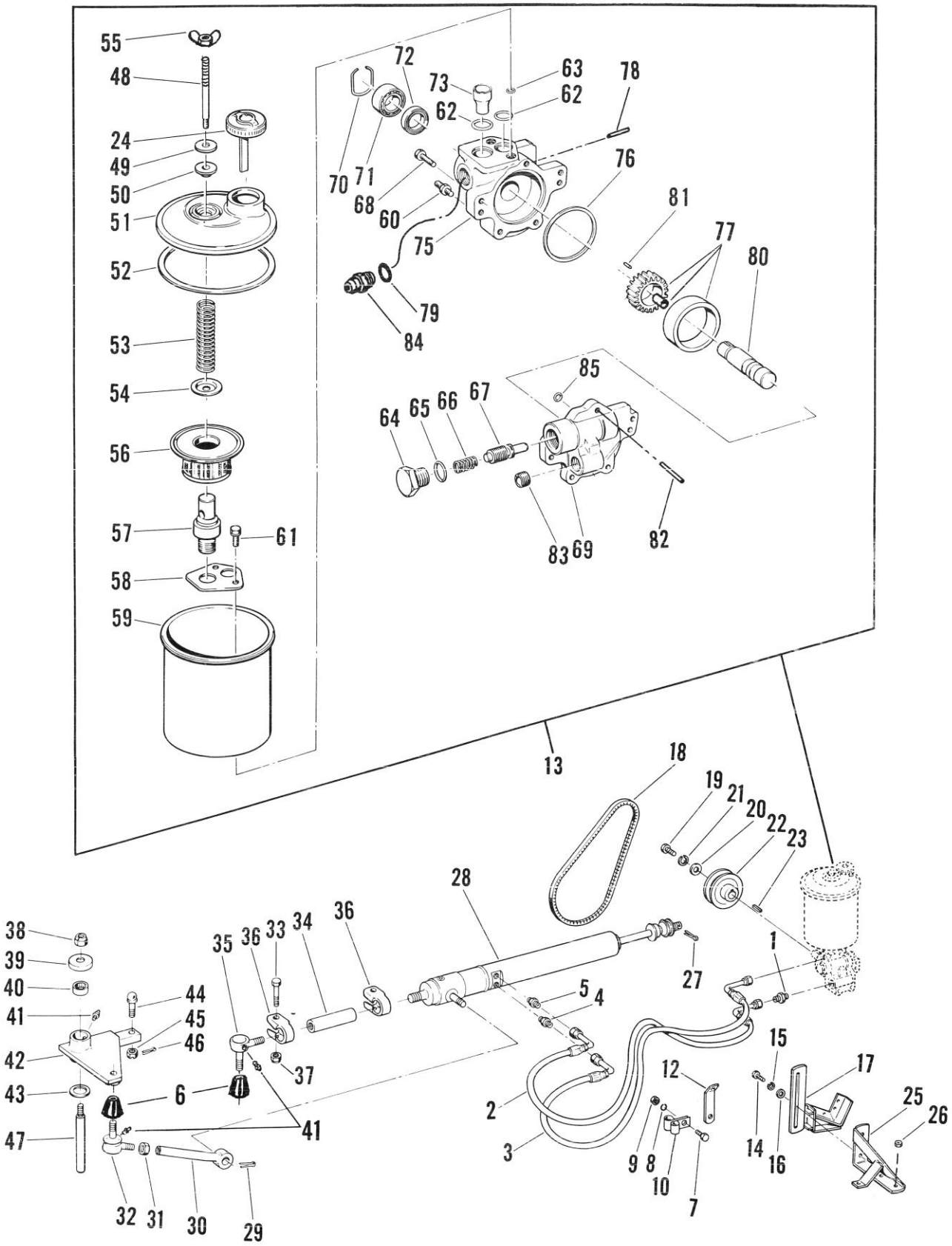
HEAD & TAIL LIGHT KIT

MODEL NO. 70097 (FACTORY INSTALLED) (OPTIONAL EQUIPMENT)

Ref. No.	Part No.	Description	No. Used
1	219-9	Tail & Stop Light Assy.	2
2	218-243	Frame Tee	1
3	218-242	Stop Light Switch	1
4	3256-26	Washer	4
5	218-214	Clip	4
6	218-273	Fuse Holder Without Fuse	1
*	218-407	Fuse	1
7	3-7646	Wire	2
8	3-7645	Wire	1
9	212-93	Wire Clips	6
10	218-213	Light Switch w/Fuse	1
11	3217-9	Hex Nut	2
12	3290-207	S. P. Washer	2

Ref. No.	Part No.	Description	No. Used
13	3-3456	Tail Light Wire	2
14	218-249	Female Receptacle	6
15	3-3455	Jumper Wire	1
16	218-250	Butt Connector	5
17	3-3454	Jumper Wire	1
18	218-248	Line Splice Connector	3
19	3-3453	Head Light Wire	1
20	3-9010	Lamp Assembly	2
*	219-6	Sealed Beam Replacement for Headlight	
*	219-10	Sealed Unit Replacement for Tail Light	

* Not Illustrated


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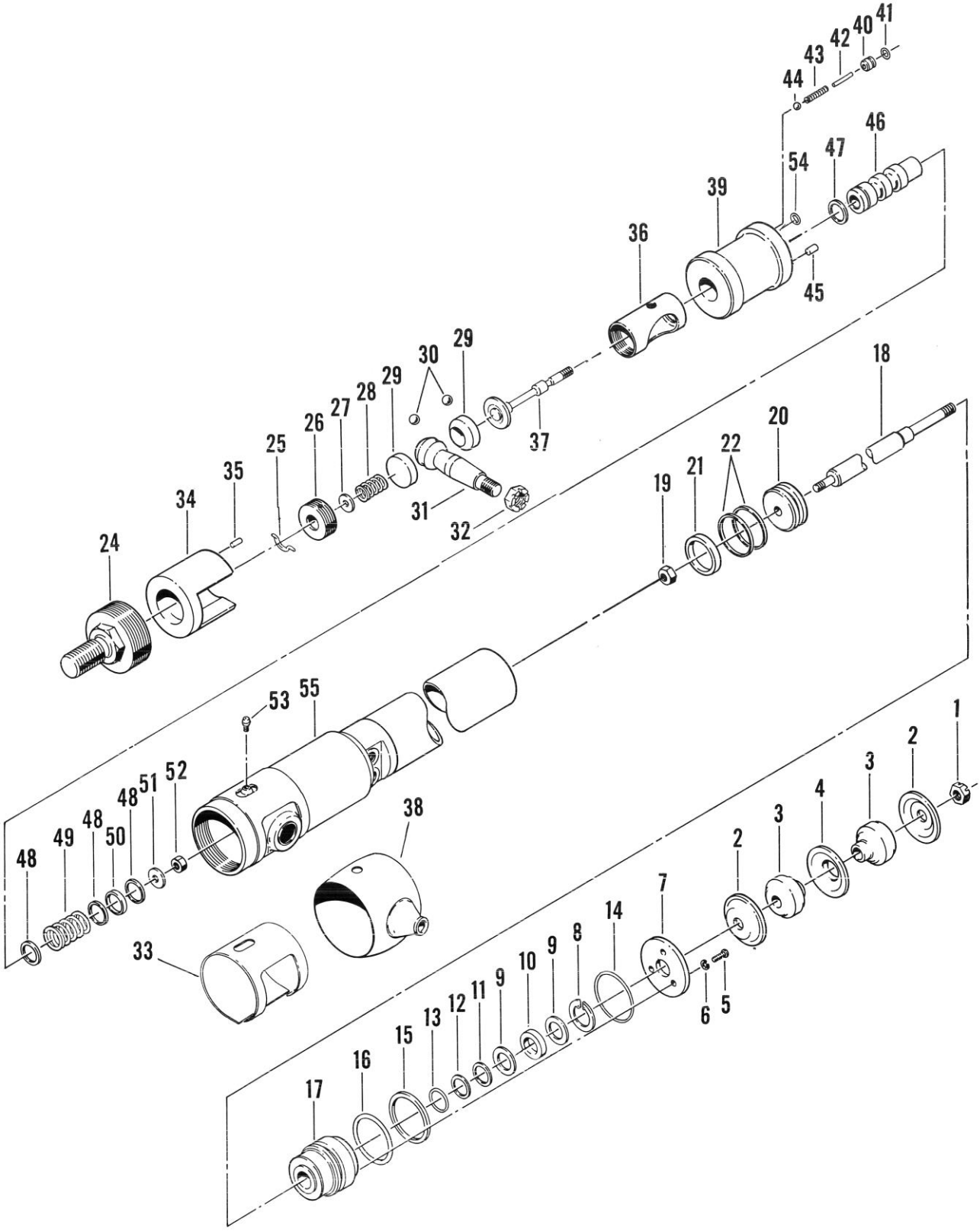
POWER STEERING KIT

MODEL NO. 3-8569 (FIELD INSTALLED) AND MODEL NO. 70064 (FACTORY INSTALLED)
USED ON TRACTORS 37013-60001 & UP – INCLUDES BOOSTER ASSY., P. 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 (See Figure 30)	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	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


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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	2
23	**	Sleeve, Inner	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

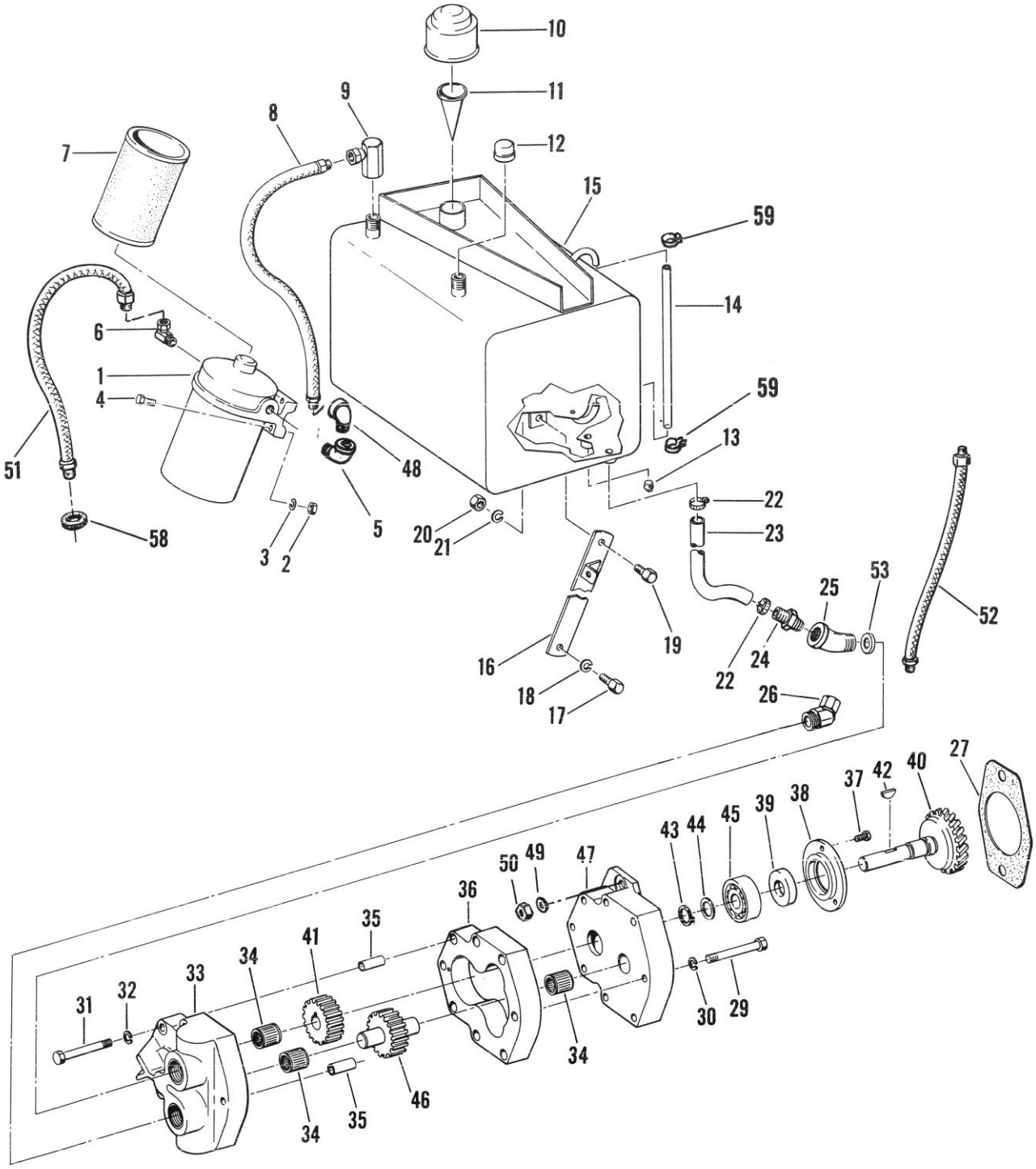
*Sold only as part of Item 20, Piston and Rod Assembly.

**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. 70023 (FACTORY INSTALLED) (OPTIONAL EQUIPMENT)

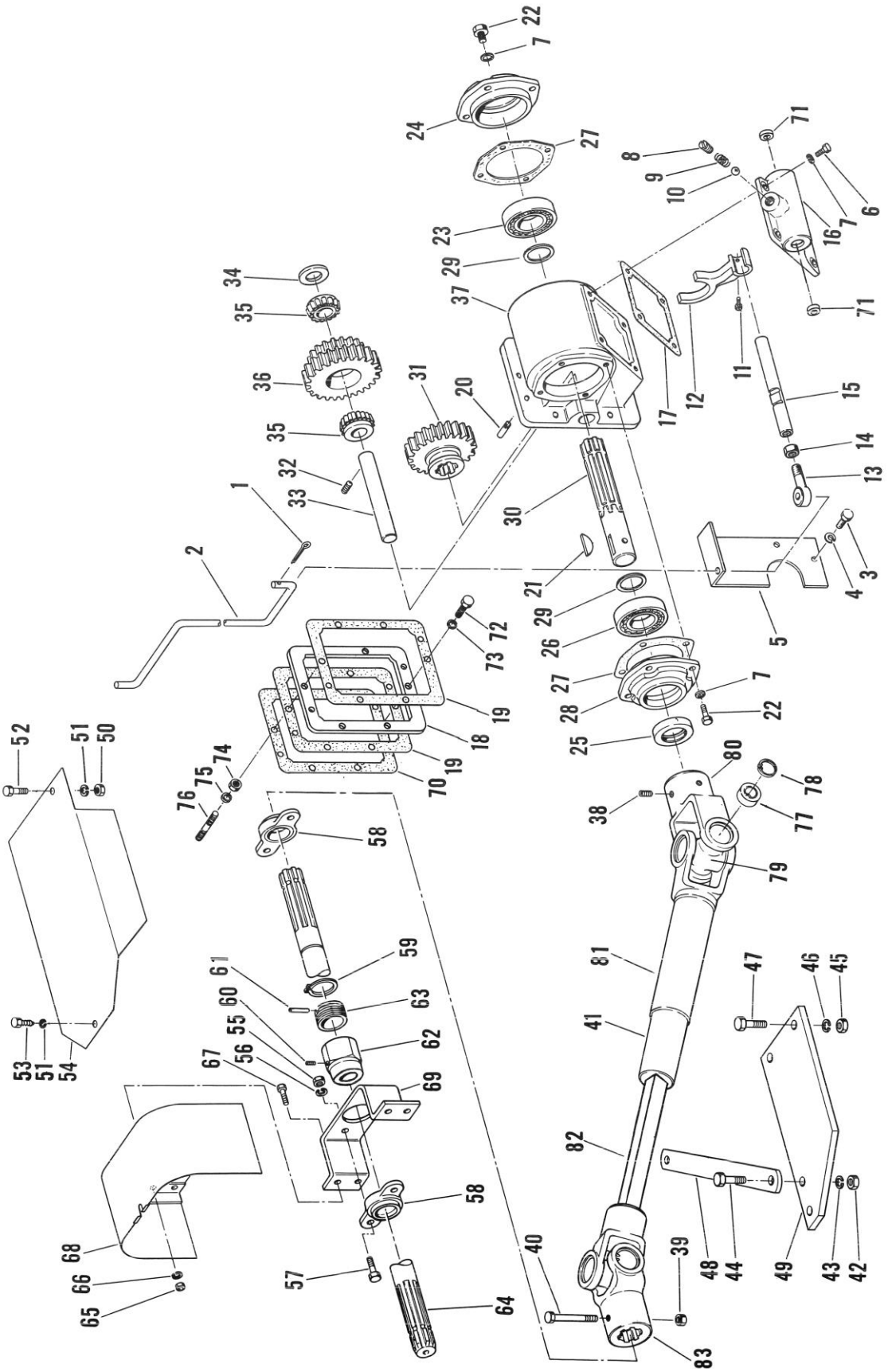
Ref. No.	Part No.	Description	No. Used
1	353-155	Oil Filter, Includes item 7	1
2	3219-3	Nut, Filter Retaining	4
3	3253-21	Lockwasher, Filter Retaining	4
4	3211-5	Capscrew	4
5	2811-9	Street Elbow, Filter Outlet, 90°	1
6	353-27	Adapter Union, Filter Inlet	1
7 ǂ	A.C. PF-141	Filter Element, Replaceable	1
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
12	288-3	Inlet Cap	1
13	285-12	Drain Plug	1
14	3-3281	Sight Gage, Fluid Level	1
15	3-4120	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

Ref. No.	Part No.	Description	No. Used
26	353-130	Adapter Union, Pump Outlet	1
26A*	353-193	Hydraulic Seal	1
27	212-251	Gasket, Pump to Engine	1
+28	353-157	Pump, Hydraulic, Complete, Standard	1
29	353-163	Capscrew	6
30	353-164	Lockwasher	6
31	353-165	Capscrew	2
32	353-166	Lockwasher	2
33	353-167	Cover: Inc. 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. Inc. item 39	1
39	353-173	Seal, Oil	1
40	353-174	Shaft, Gear	1
41	353-175	Gear, Drive	1
42	353-176	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, Inc. 1 ea. item 34	1
48	2811-2	Street Elbow, 45°	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

* Not Illustrated

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

ǂ Obtain Locally

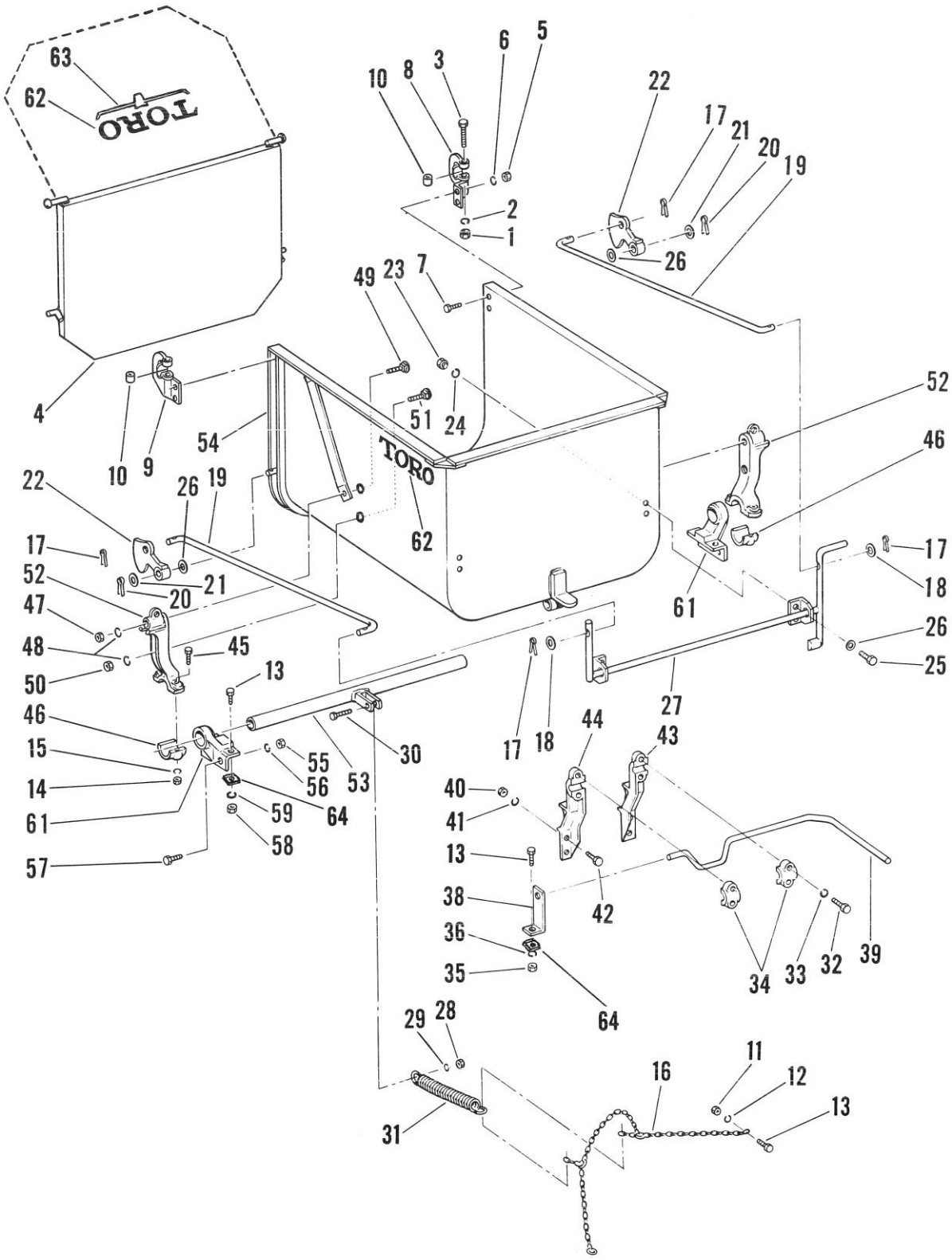


REAR POWER TAKE-OFF

MODEL NO. 4-5709 (FIELD INSTALLED) AND MODEL NO. 70113 (FACTORY INSTALLED) – (OPTIONAL)

Ref. No.	Part No.	Description	No. Used
1	3272-21	Pin, Cotter	1
2	3-3324	Rod, Shift	1
3	323-5	Capscrew	2
4	3253-21	Washer, Lock	2
5	3-3325	Plate, Pivot	1
	2110-22	Power Take-Off Assembly (Includes Items 6 thru 37, and 70 thru 76)	1
6	322-2	Capscrew	4
7	3253-4	Washer, Lock	12
8	2110-25	Plug	1
9	2110-24	Spring	1
10	2110-43	Ball	1
11	2110-44	Capscrew	1
12	2110-28	Fork, Shifter	1
13	2110-23	Bolt, Eye	1
14	2110-45	Nut, Jam	1
15	2110-26	Shifter Rod	1
16	2110-27	Cover	1
17	2110-29	Gasket, Shifter Cover	1
18	2110-42	Spacer Assembly, (Includes 2 Ref. 20)	1
19	2110-39	Gasket, .020 thick	2
20	2110-46	Pin, Dowel	2
21	2110-47	Key, Woodruff	1
22	322-5	Capscrew	8
23	2110-53	Bearing, Tapered Roller, Complete	1
24	2110-31	Cap, Bearing	1
25	2110-48	Seal, Oil	1
26	2110-54	Bearing, Tapered Roller, Complete	1
27	2110-33	Gasket	*AR
28	2110-37	Cap, Bearing	1
29	2110-49	Ring, Retaining	2
30	2110-36	Shaft, Drive	1
31	2110-35	Gear, Sliding	1
32	2110-50	Setscrew	1
33	2110-32	Shaft, Idler	1
34	2110-34	Spacer, Idler Gear	*AR
35	2110-51	Bearing	2
36	2110-38	Gear, Idler	1
37	2110-30	Housing	1
38	3246-4	Setscrew	2
39	3296-4	Locknut, Hex	1
40	3210-13	Capscrew	1
41	3-3334	Shaft, U Joint, Complete Assembly	1
42	3217-11	Nut, Hex	1
43	3253-8	Washer, Lock	1
44	327-7	Capscrew	1
45	3217-12	Nut, Hex	3
46	3253-9	Washer, Lock	3
47	328-2	Capscrew	3
48	3-3333	Brace	1
49	3-3323	Drawbar Hitch, Extended	1
50	3219-3	Nut, Hex	1
51	3253-21	Washer, Lock	2
52	3211-3	Capscrew	1
53	32104-6	Screw, Self-Tapping	1
54	3-3328	Shield, Front Safety	1
55	3219-5	Nut, Hex	4
56	3253-7	Washer, Lock	4
57	3213-3	Capscrew	4
58	251-157	Bearing Assembly	2
59	32120-84	Ring, Retaining	2
60	3245-7	Setscrew	2
61	32121-34	Pin, Roll	1
62	3-3327	Nut, Adjustment	1
63	3-3335	Sleeve, Adjustment	1
64	3-3331	Shaft, Rear	1
65	3219-3	Nut, Hex	4
66	3253-21	Washer, Lock	4
67	3211-6	Capscrew	4
68	3-4230	Shield, Rear Safety	1
69	3-3326	Bracket, Rear Bearing	1
70	2110-40	Gasket, .010 thick	1
71	2110-52	Oil Seal	2
72	5-3243	Capscrew	3
73	5-0942	Copper Washer	3
74	3296-5	Nut	3
75	3253-21	Lockwasher	3
76	2110-41	Stud	3
77	2115-71	Needle Cup Assembly	8
78	2115-72	Snap Ring	8
79	2115-73	Center Cross	2
80	2115-48	Front Yoke	1
81	2115-49	Tubular Shaft	1
82	2115-50	Square Shaft	1
83	2115-51	Rear Yoke	1

* As required


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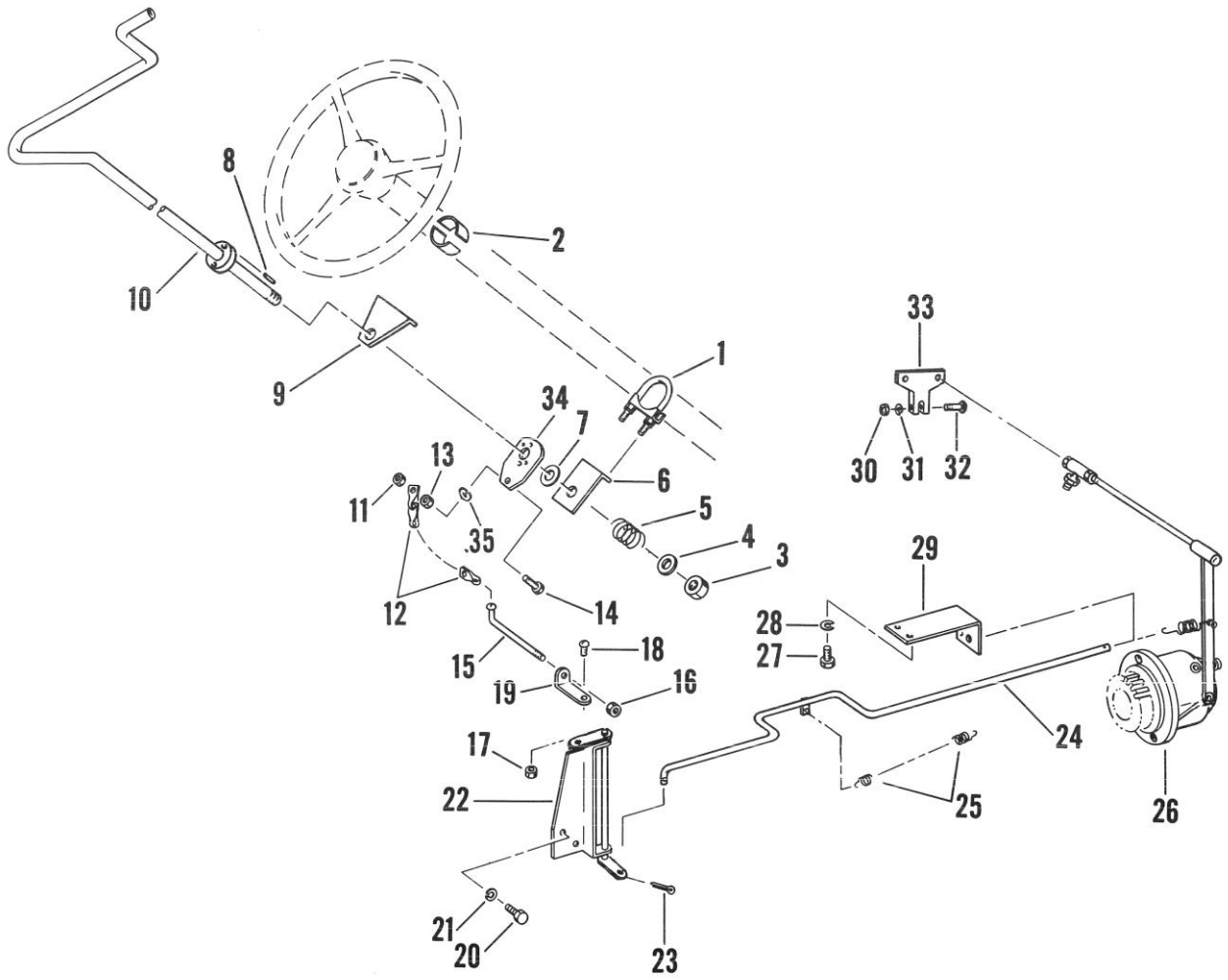
DUMP BOX KIT

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

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

WARNING

When the dump body is installed on a Toro General Tractor which is equipped with the rear power take-off, the snubber chain assembly MUST be shortened TWO links to prevent the bottom of the dump body from striking the power take-off stub shaft when the body is dumped. Insert the anchor bolts in the THIRD link from the end of the chain.



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	3-4340	Lever, Hand Throttle	1
11	3296-3	Nut, Link Retaining	2
12	3-3363	Chain	1
13	3220-1	Jam Nut	2
14	32113-21	Machine Screw	2
15	3-3366	Screw, Adjusting	1
16	3296-2	Nut	1
17	3296-12	Nut	2
18	3252-2	Screw	2
19	3-3365	Link, Governor Chain	1

Ref. No.	Part No.	Description	No. Used
20	323-4	Capscrew, Bell Crank Retaining	2
21	3253-21	Lockwasher	2
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 and Adapter	1
27	3211-1	Capscrew, Guide Retaining	2
28	3253-21	Lockwasher	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	3-4300	Lever, Throttle	1
34	3-2857	Plate, Friction	1
35	3253-3	Lockwasher	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 32 - no. 3-4300), leaving it loose on the throttle shaft for the time being. Remove standard foot feed link (ref. 43 - page 12 - no. 3-3185), and replace with chain (ref. 12 - page 32 - no. 3-3363) and attaching parts as shown, remove the link which operates the accelerator pump from carburetor and discard. Spring (ref. 44 - page 12 - no. 5-2965), 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 32 - no. 3-4300) 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 32 - 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 32 - no. 3252-4) and nut (ref. 30 - page 32 - 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 32 - no. 4-4340) to idle position (all the way up). Adjust nut (ref. 16 - page 32 - no. 3296-2) so cross chain (ref. 12 - page 32 - no. 3-3363) is not slack but is just barely snug.

Slow Idle Adjustment, Engine Running:

7. Move the hand throttle lever (ref. 10 - page 32 - no. 4-4340) 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.

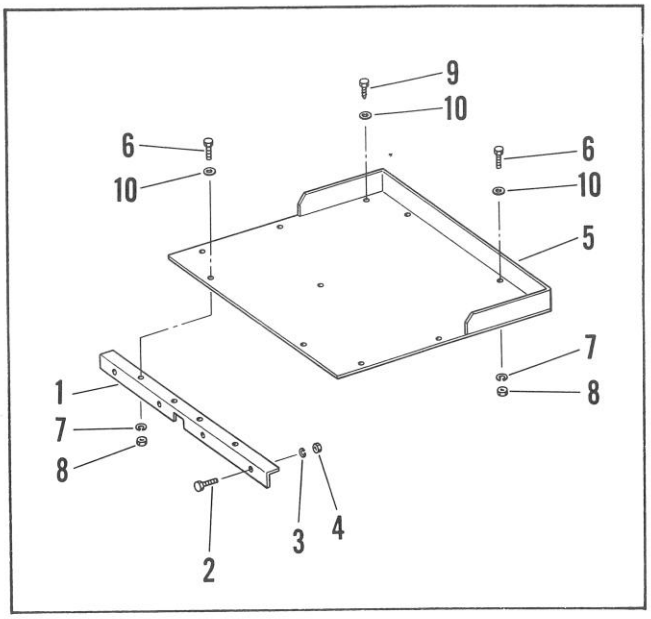
Fast Idle Adjustment, Engine Running:

10. Move the hand throttle lever (ref. 10 - page 32 - no. 4-4340) 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.

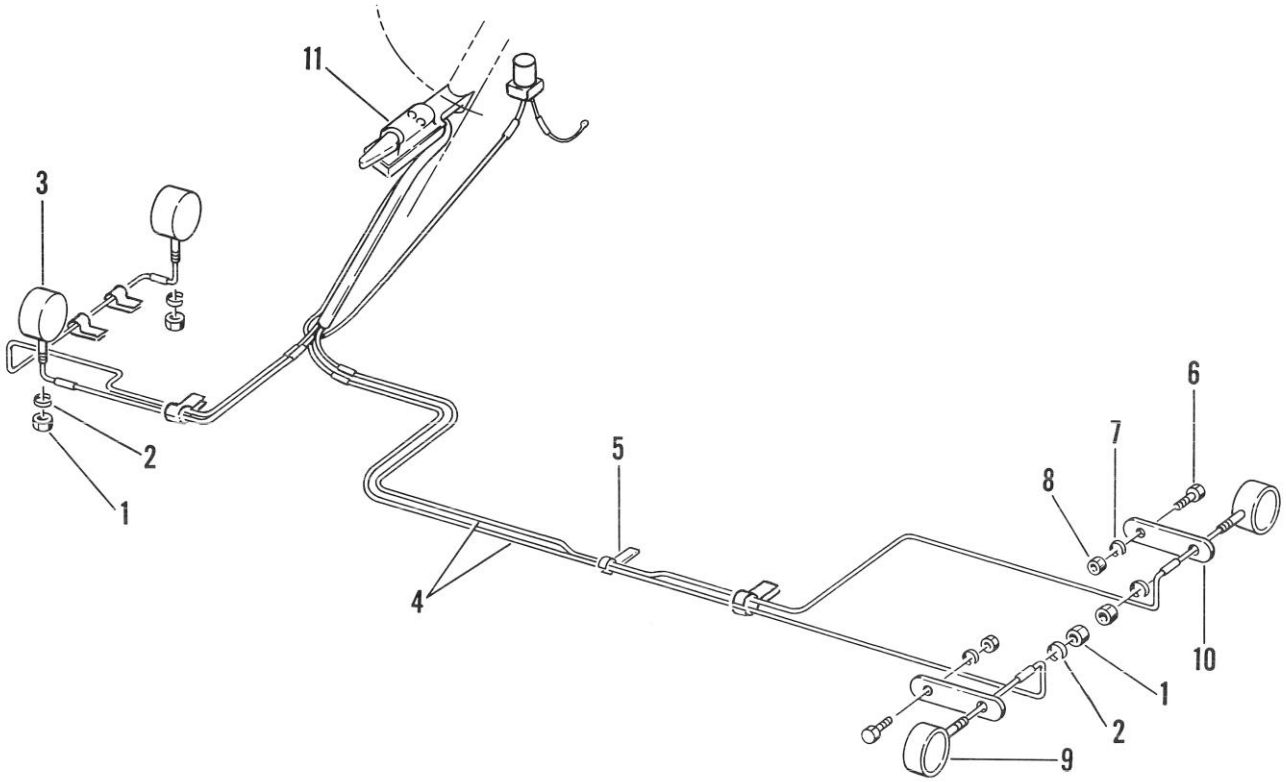
11. There should be enough friction in the friction disc (ref. 7 - page 32 - no. 3-2858) so the hand throttle lever (ref. 10 - page 32 - no. 3-4340) will hold any setting, including fast idle, as in step 10 above, without creeping. If it will not hold, tighten the nut (ref. 3 - page 32 - no. 3296-7) 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

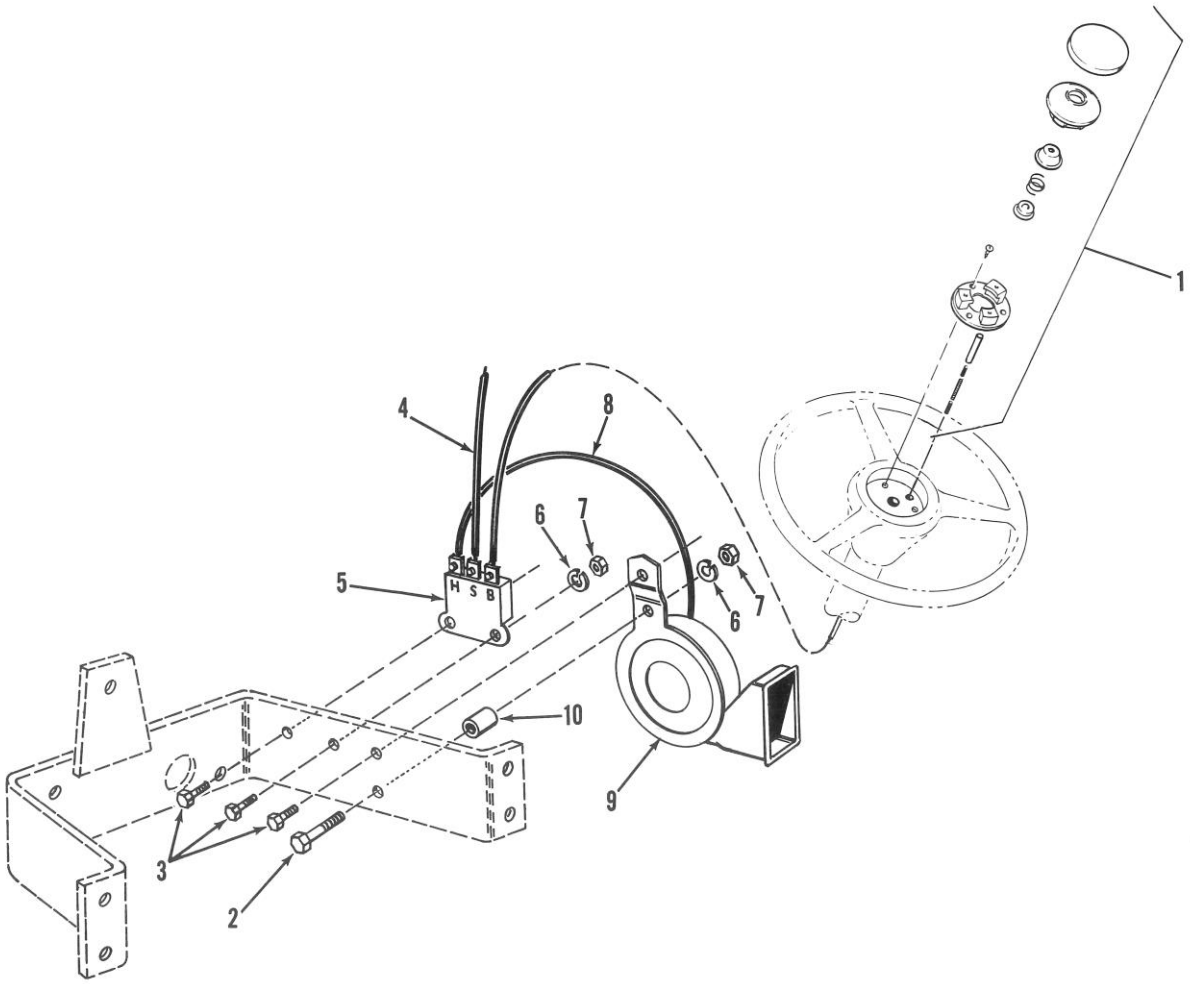


DIRECTIONAL SIGNAL KIT

MODEL NO. 70097 (FACTORY INSTALLED) (OPTIONAL EQUIPMENT)

Ref. No.	Part No.	Description	No. Used
1	3219-5	Nut	4
2	3253-7	Lockwasher	4
3	218-215	Directional Light, Amber	2
4	3-3443	Wire, 30 Ft. Roll	1
5	212-93	Clip-Casing	5
6	3214-3	Capscrew	2

Ref. No.	Part No.	Description	No. Used
7	3253-8	Lockwasher	2
8	3219-6	Nut	2
9	218-216	Directional Light, Red	2
10	3-3402	Bracket	2
11	218-217	Signal Controller w/ Flasher and Fuse	1

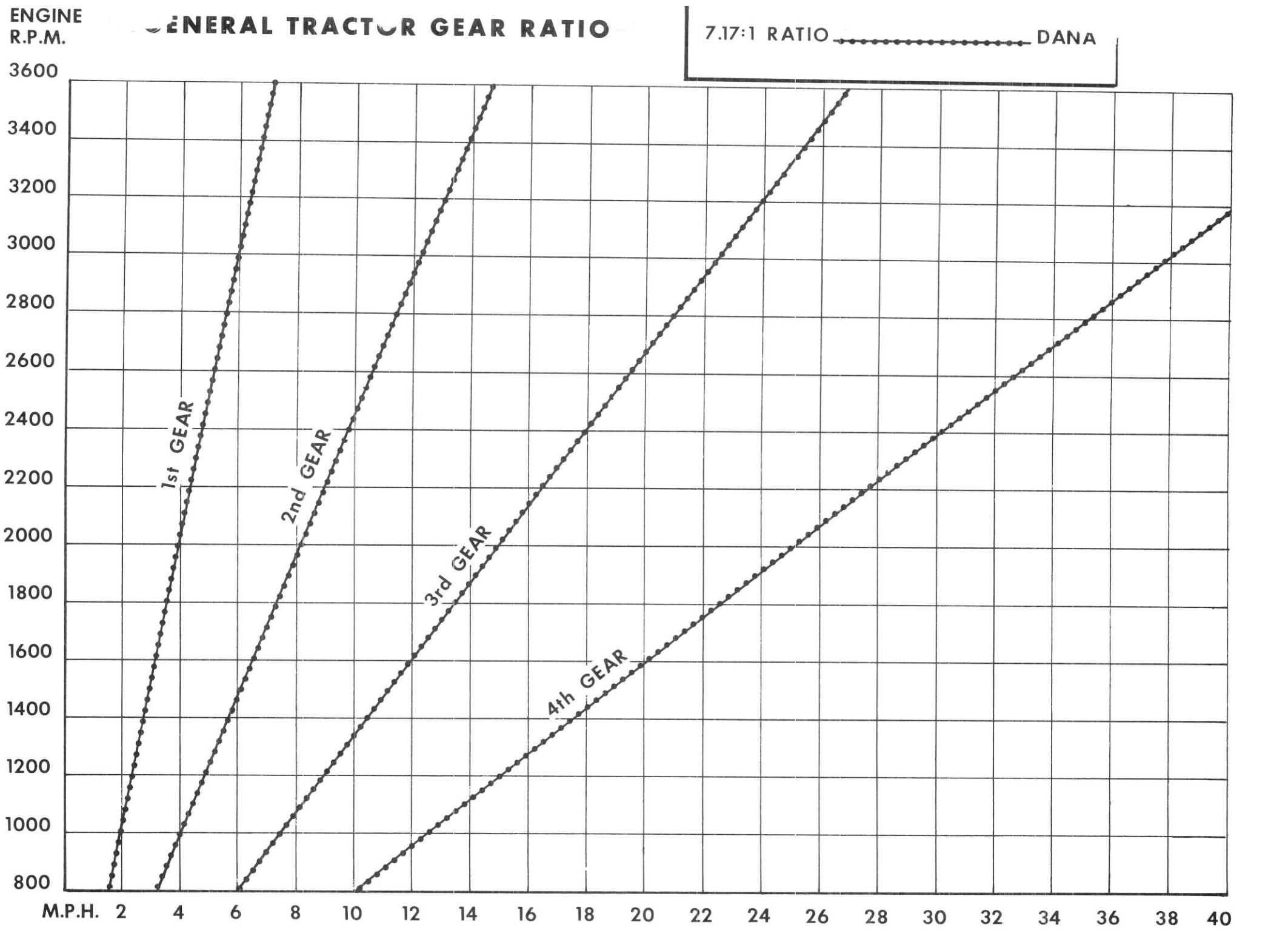


HORN KIT

MODEL NO. 70097 (FACTORY INSTALLED) (OPTIONAL EQUIPMENT)

Ref. No.	Part No.	Description	No. Used
1	218-274	Horn Button Assy. w/wire	1
2	329-7	Screw	1
3	329-5	Screw	3
4	3-1972	Wire, Relay to Starter Solenoid	1
5	218-212	Relay	1

Ref. No.	Part No.	Description	No. Used
6	3253-3	Lockwasher	4
7	3219-1	Nut	4
8	3-8287	Wire, Relay to Horn	1
9	218-284	Horn	1
10	3-0453	Spacer	1


ENGINE R.P.M.
GENERAL TRACTOR GEAR RATIO
7.17:1 RATIO
DANA
3600
3400
3200
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
800
1st GEAR
2nd GEAR
3rd GEAR
4th GEAR
M.P.H. 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40

MAINTENANCE RECORD

	Engine Oil Change	Engine Oil Filter	Trans-mission	Rear Axle	Chassis Lubrication	Front Wheel Bearings

MAINTENANCE RECORD

	Power Steering Oil Change	Steering Gear	Brakes	Air Cleaner	Clutch Adjustment	Cooling System

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	Engine Oil Change	Engine Oil Filter	Trans-mission	Rear Axle	Chassis Lubrication	Front Wheel Bearings

MAINTENANCE RECORD

	Power Steering Oil Change	Steering Gear	Brakes	Air Cleaner	Clutch Adjustment	Cooling System

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