

Wheel Horse®

LAWN AND GARDEN TRACTORS

13 x 650

**model
706**

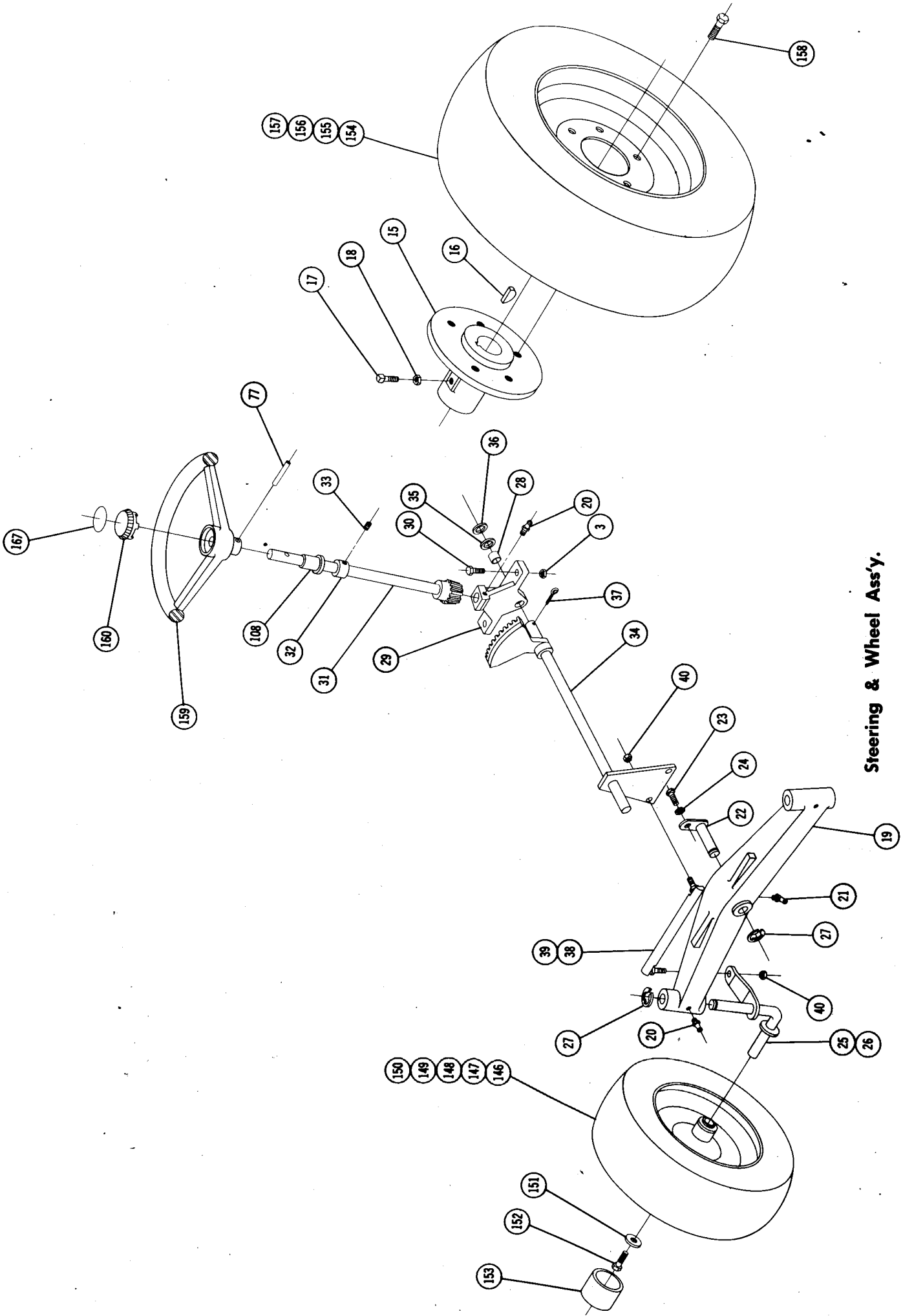


**OPERATION AND
SERVICE MANUAL
WITH PARTS LIST**

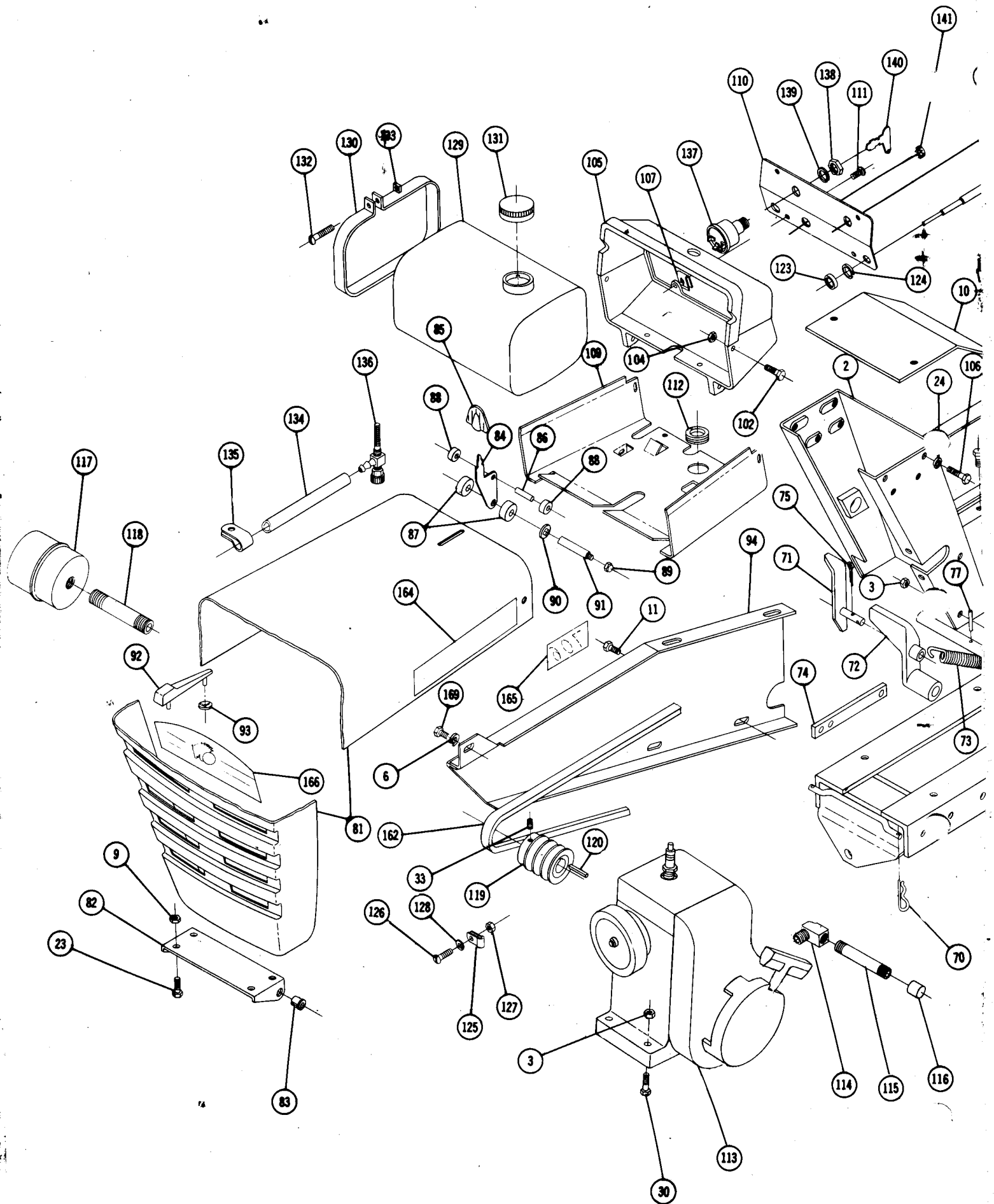


WHEEL-HORSE PRODUCTS, INC.

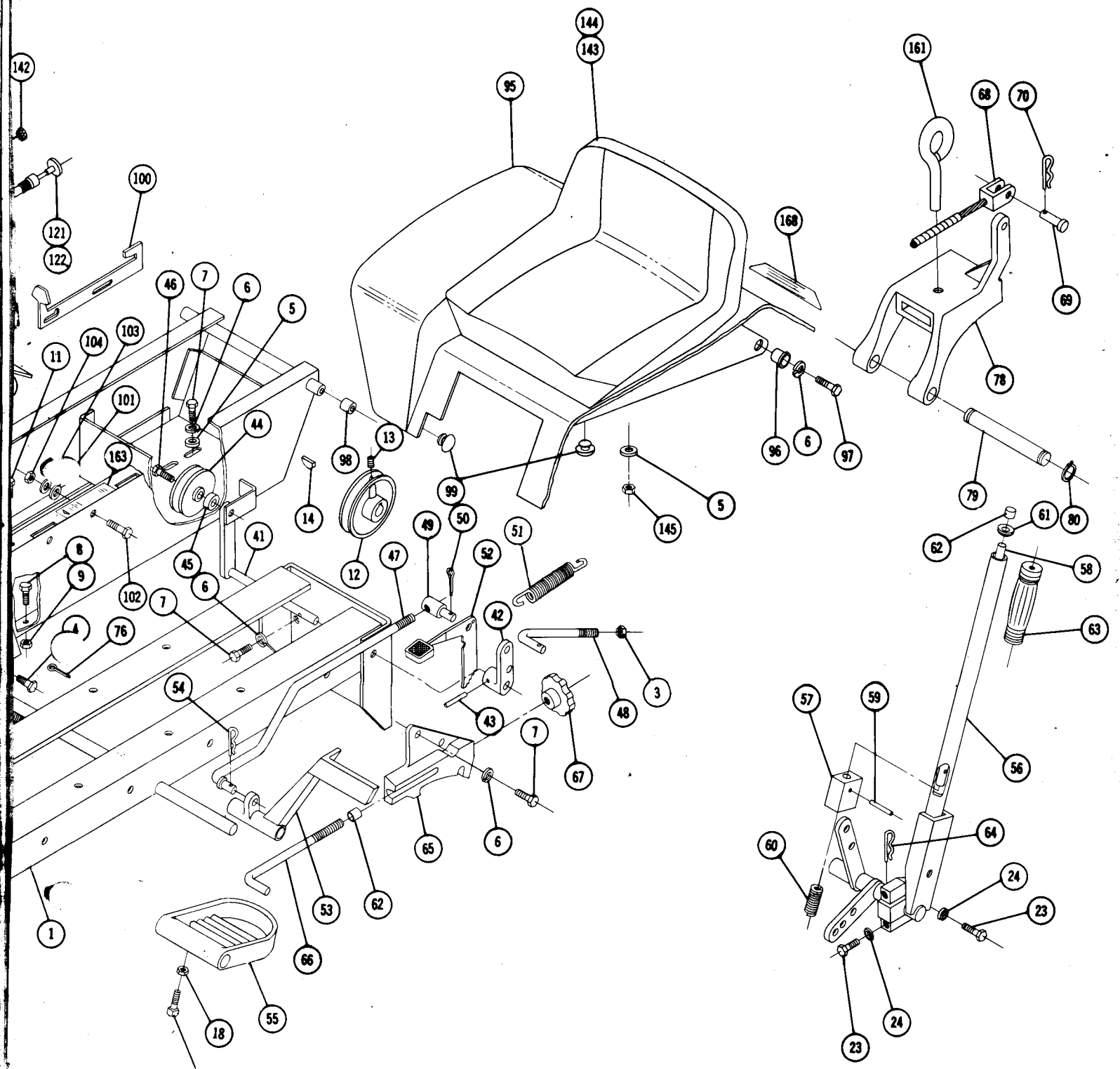
SOUTH BEND, IND.



Steering & Wheel Ass'y.



Main Frame Ass'y. a



nd Fender, Hood Ass'y.

PARTS LIST for 706 LAWN and GARDEN TRACTOR

(Except Transmission — see page 10 for Transmission break down and Parts List)

When ordering parts always list Part No. and name of part.

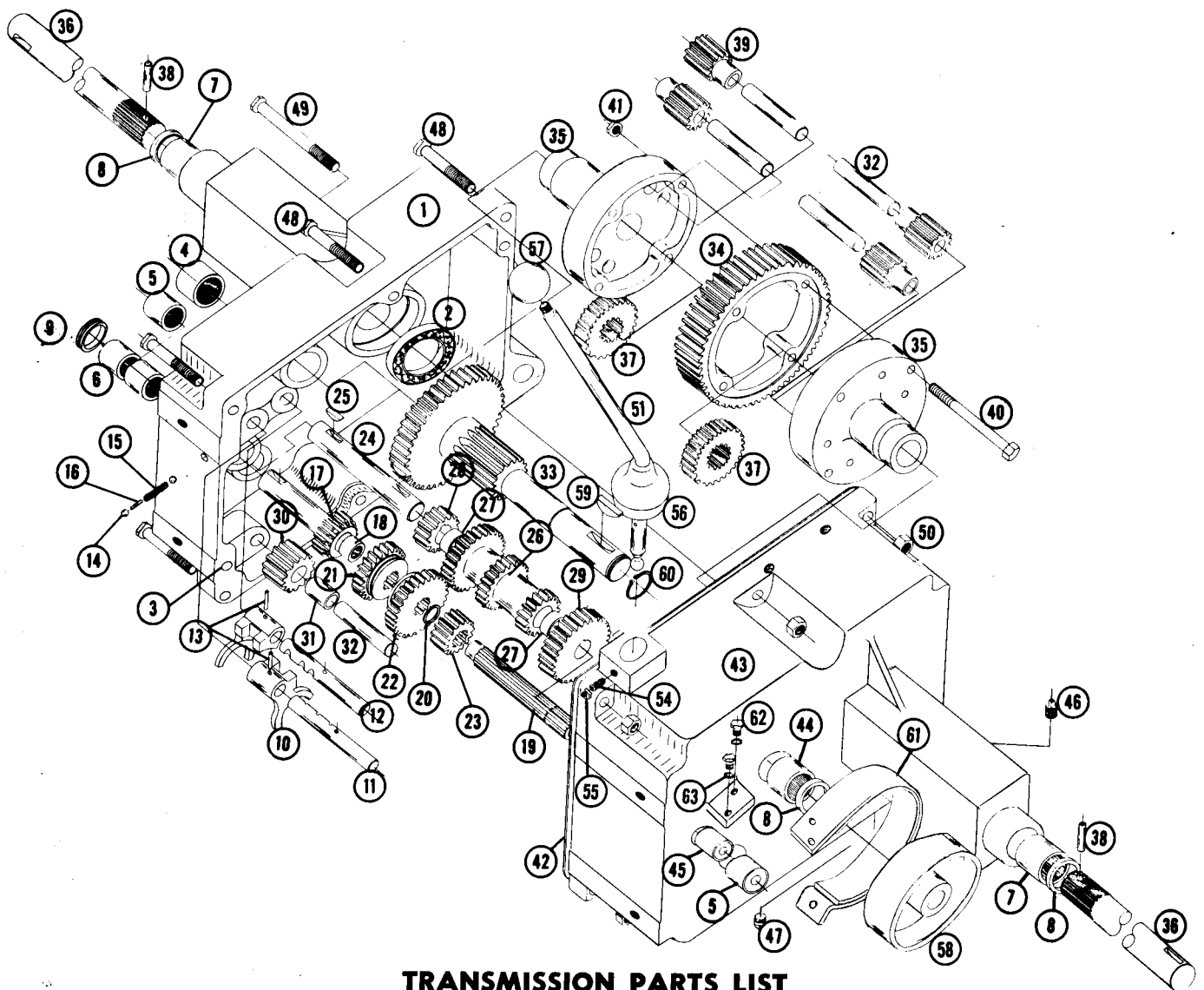
Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	5634	Ass'y. Frame	1	43	933158	Roll Pin $\frac{1}{8}$ x $1\frac{1}{4}$	1
2	5645	Ass'y. Hoodstand	1	44	1623	Pulley — Idler	1
3	915663-4	Nut — Elastic Stop $\frac{3}{8}$ -16	5	45	1536	Bushing	1
4	908034-4	Bolt Hex $\frac{3}{8}$ -16 x 1	2	46	1363	Bolt Hex $\frac{3}{8}$ -16 x $\frac{7}{8}$ Special	1
5	920009-4	Washer $\frac{3}{8}$	4	47	2593	Rod — Clutch	1
6	920083-4	Lockwasher $\frac{3}{8}$	7	48	3935	Rod — Brake	1
7	908032-4	Bolt Hex $\frac{3}{8}$ -16 x $\frac{3}{4}$	4	49	1861	Stud — Clutch Rod	1
8	908017-4	Bolt Hex $\frac{5}{16}$ -18 x $\frac{3}{4}$	2	50	932017-4	Cotter Pin $\frac{1}{8}$ x 1	2
9	915112-6	Nut $\frac{5}{16}$ -18 Nylok	6	51	1014	Spring — Clutch	1
10	5622	Ass'y. Cover Plate	1	52	5544	Ass'y. Lever & Knob — Brake	1
11	960151-4	Bolt $\frac{1}{4}$ -20 x $\frac{1}{2}$ Whizlock	5	53	2267	Pedal — Clutch	1
12	1611	Pulley	1	54	933504-4	Hair Pin	1
13	909849-5	Set Screw $\frac{1}{4}$ -20 x $\frac{3}{16}$	1	55	4421	Footrest	2
14	937014	Key #9 Woodruff	1	56	2266	Ass'y. Lift Lever	1
15	4996	Hub — Wheel	2	57	4438	Plunger	1
16	937022	Key #15 Woodruff	2	58	4439	Rod	1
17	909554	Set Screw Square Head $\frac{3}{8}$ -16 x 1	4	59	933168	Roll Pin $\frac{5}{32}$ x $1\frac{1}{16}$	1
18	915113-4	Nut Hex $\frac{3}{8}$ -16	4	60	3624	Spring	1
19	5638	Axle — Front	1	61	3578	Guide — Plunger Rod	1
20	1030	Fitting — Grease	3	62	3680	Cap — Plunger Rod	1
21	1481	Fitting — Grease 45°	1	63	1000	Grip — Handle	1
22	6216	Ass'y. Pin & Plate	1	64	933506-4	Hairpin Cotter	1
23	908015-4	Bolt Hex $\frac{5}{16}$ -18 x $\frac{1}{2}$	8	65	5640	Quadrant	1
24	920082-4	Lockwasher $\frac{5}{16}$	8	66	2179	Rod — Height Control	1
25	5630	Ass'y. Spindle R.H.	1	67	5280	Knob — Height Control	1
26	5631	Ass'y. Spindle L.H.	1	68	3931	Ass'y. Cable — Lift	1
27	5618	"E" Ring $\frac{3}{4}$ Dia.	3	69	932120-4	Pin — Clevis $\frac{1}{4}$ Dia.	2
28	6397	Bushing	1	70	933503-4	Hairpin	4
29	6396	Support — Steering	1	71	6398	Ass'y. Trip Lever	1
30	908035-4	Bolt Hex $\frac{3}{8}$ -16 x $1\frac{1}{4}$	6	72	4239	Pedal — Attachment Clutch	1
31	6567	Ass'y. Steering Shaft — Upper	1	73	5714	Spring	1
32	1085	Collar	1	74	5385	Link	1
33	909848-6	Set Screw $\frac{1}{4}$ -20 x $\frac{1}{4}$ Nylok	2	75	932025-4	Cotter Pin	2
34	6565	Ass'y. Steering Shaft — Lower	1	76	932035-4	Cotter Pin	1
35	5210	Washer — Shim (.015)	1	77	933213	Roll Pin $\frac{1}{4}$ x 1	2
36	1278	Washer — Shim (.050)	1	78	3926	Hitch	1
37	932035-4	Cotter Pin $\frac{3}{16}$ x $1\frac{1}{4}$	1	79	3988	Pin — Hitch	1
38	5628	Ass'y. Ball Joint R.H.	1	80	936125	Snap Ring $\frac{3}{4}$ Shaft	2
39	5629	Ass'y. Ball Joint L.H.	1	81	5465	Ass'y. Hood	1
40	915002-6	Nut $\frac{3}{8}$ -24 Nylok	4	82	5455	Bracket — Hood Hinge	1
41	3950	Ass'y. Idler Arm & Shaft	1	83	5457	Bushing — Nylon	2
42	4899	Arm — Clutch Rod Pivot	1	84	5467	Lever — Hood Latch	1

PARTS LIST for 706 LAWN and GARDEN TRACTOR

(Except Transmission — see page 10 for Transmission break down and Parts List)

When ordering parts always list Part No. and name of part.

Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
85	5469	Knob	1	128	920078-4	Lockwasher #8	1
86	933182	Roll Pin	1	129	5417	Tank — Fuel	1
87	5505	Roller — Rubber	2	130	5459	Clamp — Tank	1
88	5468	Roller — Steel	2	131	5186	Cap — Fuel Tank	1
89	915902-4	Nut — Low Crown #10-24	2	132	909059-4	Bolt ¼-20 x 1¼ Round Head	1
90	5466	Speednut ¼ Dia. Push On	2	133	915182-4	Nut ¼-20 Square	1
91	5522	Rod — Hood Latch	1	134	1796	Hose Fuel	1
92	5438	Ornament — Hood Latch	1	135	4256	Clip — Hose	1
93	5437	Speed Nut ⅛ Dia. Push On	2	136	4941	Ass'y. Filter & Valve	1
94	4993	Ass'y. Belt Guard	1	137	3656	Ass'y. Switch — Ignition	1
95	5661	Ass'y. Fender	1	138	4882	Nut Hex ⅝-32 Special	1
96	5666	Bushing — Nylon	2	139	4881	Lockwasher ⅝ Special	1
97	908182-4	Bolt Hex ⅜-24 x ⅞	2	140	3668	Key — Ignition	1
98	4937	Spacer	2	141	935113	Plug Button — Lighter Hole	1
99	5667	Bumper — Rubber	4	142	5506	Plug Button — Gen. Light Hole	1
100	5695	Latch	1	143	5557	Ass'y. Seat Base	1
101	MW-4404	Spring Washer ⅜ I.D.	2	144	5556	Cushion	1
102	960152-4	Bolt ¼-20 x ⅝ Whizlock	6	145	915113-6	Nut — Nylok ⅜-16	2
103	920007-4	Washer ¼ SAE	2	146	6389	Ass'y. Wheel, Tire, & Tube Front	2
104	915111-6	Nut ¼-20 Nylok	6	147	5635	Wheel	2
105	5450	Housing — Control Panel	1	148	4999	Bearing	4
106	908016-4	Bolt Hex ⅝-18 x ⅝	4	149	1656	Tire 16 x 4.80/4.00-8	2
107	5442	Speed Nut #10-16 Thread	4	150	1657	Tube	2
108	5409	Bushing — Nylon	1	151	2844	Washer	2
109	5458	Support — Fuel Tank	1	152	908033-6	Bolt — Nylok ⅜-16 x ⅞	2
110	5453	Panel Complete	1	153	2816	Hubcap	2
111	926308-4	Screw — Self Tap #10-16 x ¾	4	154	1667	Ass'y. Wheel, Tire & Tube Rear	2
112	5439	Crommet — Rubber	1	155	1700	Wheel	2
113	6362	Ass'y. Engine 7 H.P. Kohler	1	156	1662	Tire	2
114	5222	Elbow 90° Special	1	157	1654	Tube	2
115	5223	Nipple ⅜ Pipe x 3½ Special	1	158	1004	Lug Bolt — Wheel ⅞-20	10
116	5224	Cap ⅜ Pipe	1	159	4983	Steering Wheel	1
117	5429	Muffler	1	160	2897	Insert	1
118	943367-4	Nipple	1	161	1813	Tool Pin	1
119	1621	Pulley — Engine	1	162	1576	V-Belt — Drive	1
120	1349	Key ¼ x ¼ x 1½	1	163	6165	Decal — Seat Latch	1
121	5170	Ass'y. Control — Choke	1	164	5415	Decal — Wheel Horse	2
122	5171	Ass'y. Control — Throttle	1	165	6607	Decal — Belt Guard	1
123	1364	Nut ⅞-18 Round	2	166	5462	Decal — Decor Hood	1
124	920127-4	Lockwasher ⅞ Shake Proof	2	167	4581	Decal — Steering Wheel	1
125	1277	Clip — Throttle Cable	1	168	5604	Decal — (Fender)	1
126	909000-4	Bolt Round Head 8-32 x ½	1	169	908030	Bolt Hex ⅜-16 x ½	1
127	915562-4	Nut Hex 8-32	1				



TRANSMISSION PARTS LIST

When ordering parts always list Part No. and name of part.

Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	3900	Case - Transmission	1	33	3903	Gear - Brake Shaft	1
2	1533	Bearing - Ball	2	34	3906	Gear - Bull	1
3	3915	Pin - Locating	2	35	3905	Case - Differential	2
4	1532	Bearing - Needle	1	36	3904	Axle - Rear	2
5	1529	Bearing - Needle	2	37	3908	Gear - Axle	2
6	1508	Bearing - Needle	2	38	933217	Pin - Roll $\frac{1}{4}$ x $1\frac{1}{2}$	2
7	1528	Bearing - Needle	2	39	4235	Gear - Differential Pinion	4
8	1232	Seal - Oil	3	40	1329	Cap Screw - Hex. $\frac{5}{16}$ -18 x $3\frac{1}{4}$	4
9	1303	Seal - Oil	1	41	1316	Nut - Hex. Lock $\frac{5}{16}$ -18	4
10	3503	Fork - Shift	2	42	3912	Gasket	1
11	5615	Rail - Front Shift	1	43	3901	Case Transmission	1
12	5616	Rail - Rear Shift	1	44	1530	Bearing - Needle	1
13	933156	Pin - Roll $\frac{1}{8}$ x 1	2	45	1531	Bearing - Needle	1
14	3517	Ball - Stop	2	46	943460-4	$\frac{1}{4}$ Std. Pipe Plug	1
15	3518	Spring - Stop	1	47	943420-4	$\frac{3}{8}$ Std. Pipe Plug	1
16	5614	Shift Pin - Stop	1	48	908038-4	Bolt Hex. - $\frac{3}{8}$ -16 x 2	5
17	3522	Gear - Input Drive	1	49	908043-4	Bolt - Hex. $\frac{3}{8}$ -16 x $3\frac{1}{2}$	1
18	1518	Bearing - Needle	1	50	915113-6	Nut - Nylock $\frac{3}{8}$ -16	6
19	3907	Shaft - Spline	1	51	5632	Stick - Shift Ass'y.	1
20	936125	Snap Ring Truarc $\frac{3}{4}$ Shaft	1				
21	3523	Gear (Hi & Intr.)	1	54	6438	Screw - Sq. Hd. - Set $\frac{1}{4}$ -20 x $\frac{3}{4}$	1
22	3524	Gear (Low & Reverse)	1	55	915111-4	Nut - Hex. Lock $\frac{1}{4}$ -20	1
23	3526	Gear - Spline Shaft	1	56	3577	Boot - Shift Lever	1
24	3910	Cluster - Shaft	1	57	1001	Knob - Shift	1
25	937014	Key - #9 Woodruff	2	58	3902	Drum - Brake	1
26	3525	Gear - Cluster	1	59	937022	Key #15 Woodruff	1
27	1504	Bushing - Bronze	2	60	936131	Snap Ring 1" Shaft	1
28	3528	Pinion - Cluster Shaft Reduction	1	61	4437	Band - Brake	1
29	3527	Gear - Cluster Shaft Reduction	1	62	908002-4	Bolt - Hex. $\frac{1}{4}$ -20 x $\frac{5}{8}$	2
30	4204	Gear - Reverse Idler	1	63	920081-4	Washer - Lock $\frac{1}{4}$	2
31	1516	Bushing - Bronze	1				
32	3909	Pin - Reverse Idler	5				