

Wheel Horse®

TRACTORS / SNOWTHROWERS / MOWERS



TRACTOR PARTS MANUAL

COMMANDO

**MODEL
1-4751**

Wheel Horse Products, Inc.

SOUTH BEND, INDIANA 46614

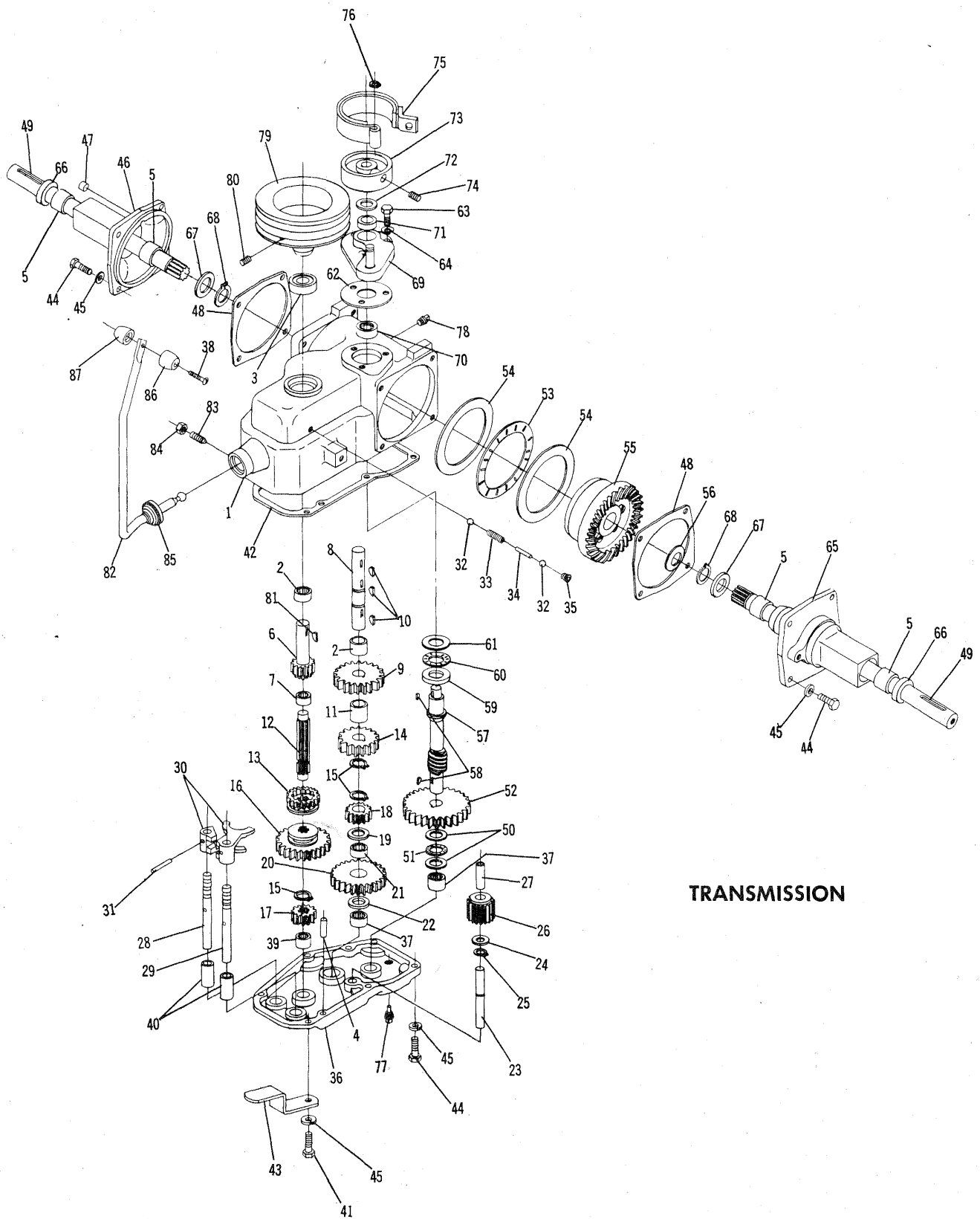
TRANSMISSION PARTS LIST

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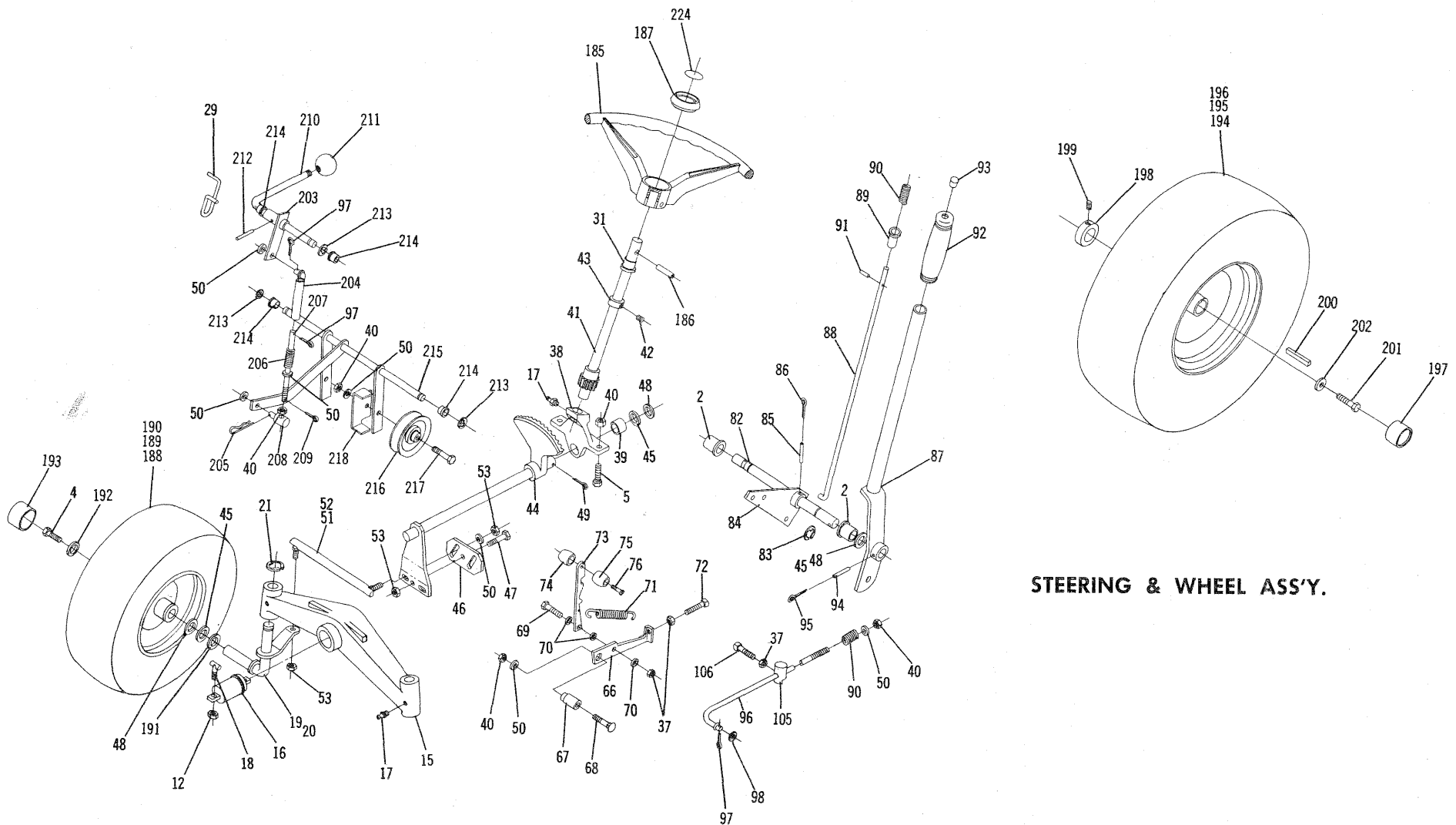
When ordering parts always list Part No. and Name of Part.

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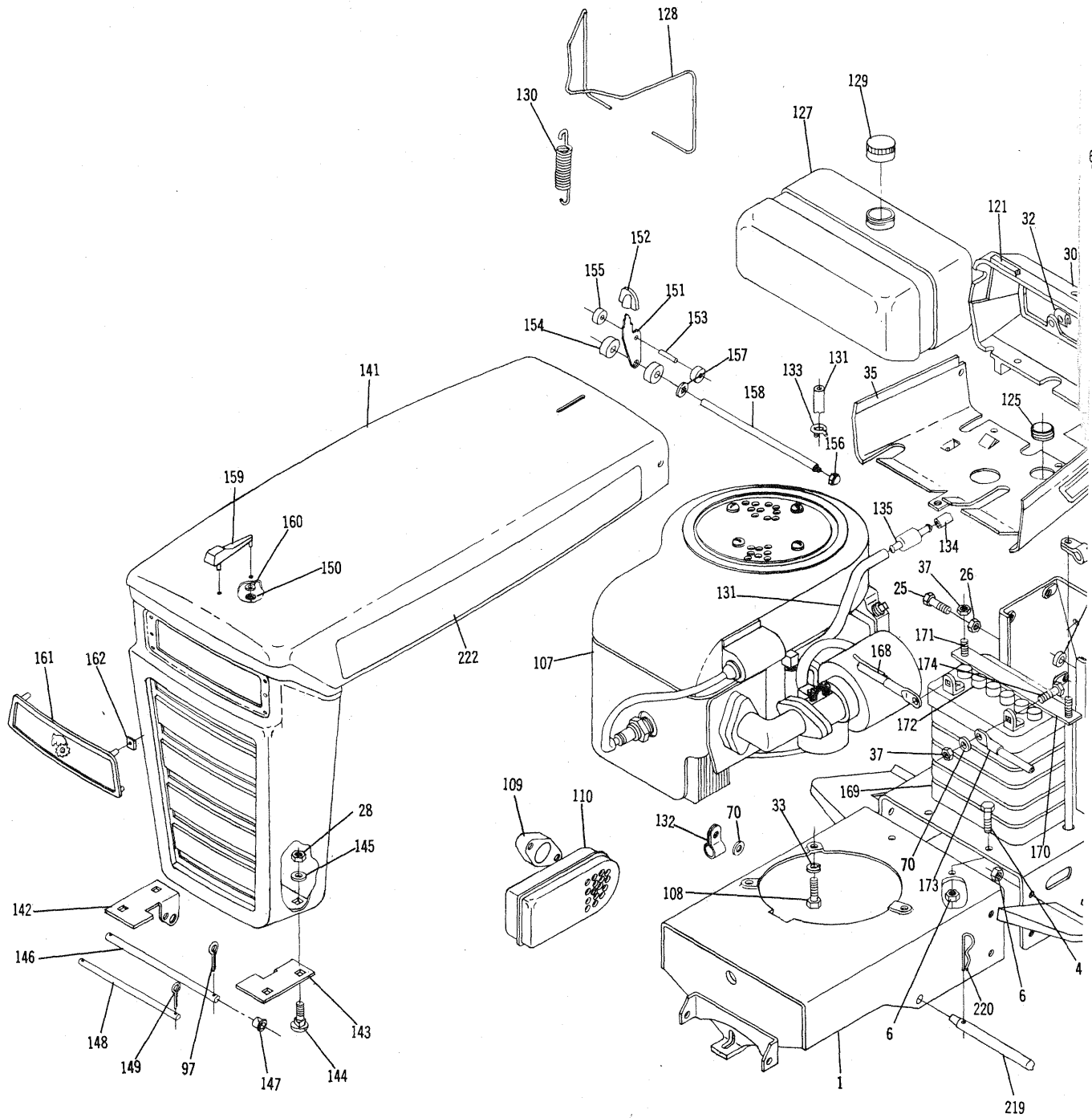
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	7982	Housing — Gear Case	1	45	920083-4	Lockwasher $\frac{3}{8}$	15
2	1523	Bearing — Needle	2	46	8019	Housing Axle (R.H.)	1
3	1515	Ball Bearing	1	47	8016	Breather	1
4	3915	Pin — Dowel	2	48	7936	Gasket — Axle Housing	2
5	1528	Bearing — Needle	4	49	8017	Axle	2
6	3522	Gear — Input	1	50	7956	Race Thrust	2
7	1518	Bearing — Needle	1	51	8571	Bearing — Thrust	1
8	7987	Shaft — Idler	1	52	7994	Gear — Pinion Drive	1
9	7988	Gear — Constant Mesh	1	53	7954	Bearing — Thrust	1
10	937079	Key — Woodruff $\frac{1}{8}$ x $\frac{3}{8}$ Dia.	3	54	7955	Race — Thrust	2
11	7989	Spacer	1	55	7952	Differential Assembly	1
12	3907	Shaft — Spline	1	56	8018	Washer — Spring	1
13	3523	Gear Hi and 2nd	1	57	7953	Pinion — Gear — Differential	1
14	7990	Gear 2nd Speed	1	58	937086	Key — Woodruff $\frac{3}{16}$ x $\frac{5}{8}$ Dia.	2
15	936125	Ring — Retainer	3	59	7962	Bearing — Race — Special	1
16	7986	Gear — Low and Reverse	1	60	7960	Bearing — Thrust	1
17	3526	Gear — Spline Shaft	1	61	7961	Race — Thrust	1
18	7991	Gear — 1st Speed	1	62	7964	Gasket — End Cap	1
19	1535	Race — Thrust Bearing	1	63	908017-4	Bolt Hex $\frac{3}{16}$ -18 x $\frac{3}{4}$	3
20	7992	Gear — Spur — Idler	1	64	920082-4	Lockwasher $\frac{5}{16}$	3
21	1540	Bearing — Needle	1	65	7937	Housing — Axle (L.H.)	1
22	7993	Race — Thrust	1	66	100607	Seal — Axle 1" I.D.	1
23	7996	Shaft — Reverse — Idler	1	67	7938	Washer — Thrust	2
24	7947	Race — Thrust	1	68	7939	Ring — Retainer	2
25	936117	Ring — Retainer	1	69	100338	End Cap Complete w/Bearing & Seal	1
26	4204	Gear — Reverse Idler	1	70	7959	Bearing — Needle	1
27	1516	Bushing — Bronze	1	71	100608	Seal $\frac{5}{8}$ I.D.	1
28	5615	Rail — Low and Reverse Shift	1	72	7418	Washer — Thrust	1
29	5616	Rail — 2nd and 3rd Shift	1	73	7965	Drum — Brake	1
30	7995	Fork — Shift	2	74	909853-5	Set Screw $\frac{1}{4}$ -20 x $\frac{5}{8}$ Nylok	1
31	933156	Roll Pin $\frac{1}{8}$ x 1	2	75	7967	Brake — Band and Liner	1
32	3517	Ball — Shift — Stop	2	76	100398	Ring — Retainer	1
33	3518	Spring — Shift Stop	1	77	8015	Plug — Drain $\frac{1}{4}$ Pipe	1
34	5614	Pin — Shift Stop	1	78	943421	Plug — Fill $\frac{1}{2}$ Pipe	1
35	943418	Plug $\frac{1}{8}$ Pipe	1	79	7999	Pulley — Transmission	1
36	7983	Cover — Transmission	1	80	909850-5	Set Screw $\frac{1}{4}$ -20 x $\frac{3}{8}$ Nylok	1
37	1529	Bearing — Needle	2	81	937014	Key Woodruff $\frac{3}{16}$ x $\frac{3}{4}$ Dia.	1
38	910797-4	Screw #10-24 x $1\frac{1}{4}$ Pan Head	1	82	8000	Handle — Shift	1
39	1531	Bearing — Needle	1	83	1239	Set Screw $\frac{1}{4}$ -20 x $\frac{3}{4}$	1
40	7984	Bushing — Shifter Rail	2	84	915111-4	Nut $\frac{1}{4}$ -20 Hex	1
41	908035-4	Bolt Hex $\frac{3}{8}$ -16 x $1\frac{1}{4}$	2	85	8002	Boot — Seal	1
42	7998	Gasket — Transmission	1	86	8693	Knob	1
43	100444	Bracket Stop	2	87	8722	Knob	1
44	908034-4	Bolt Hex $\frac{3}{8}$ -16 x 1"	12				



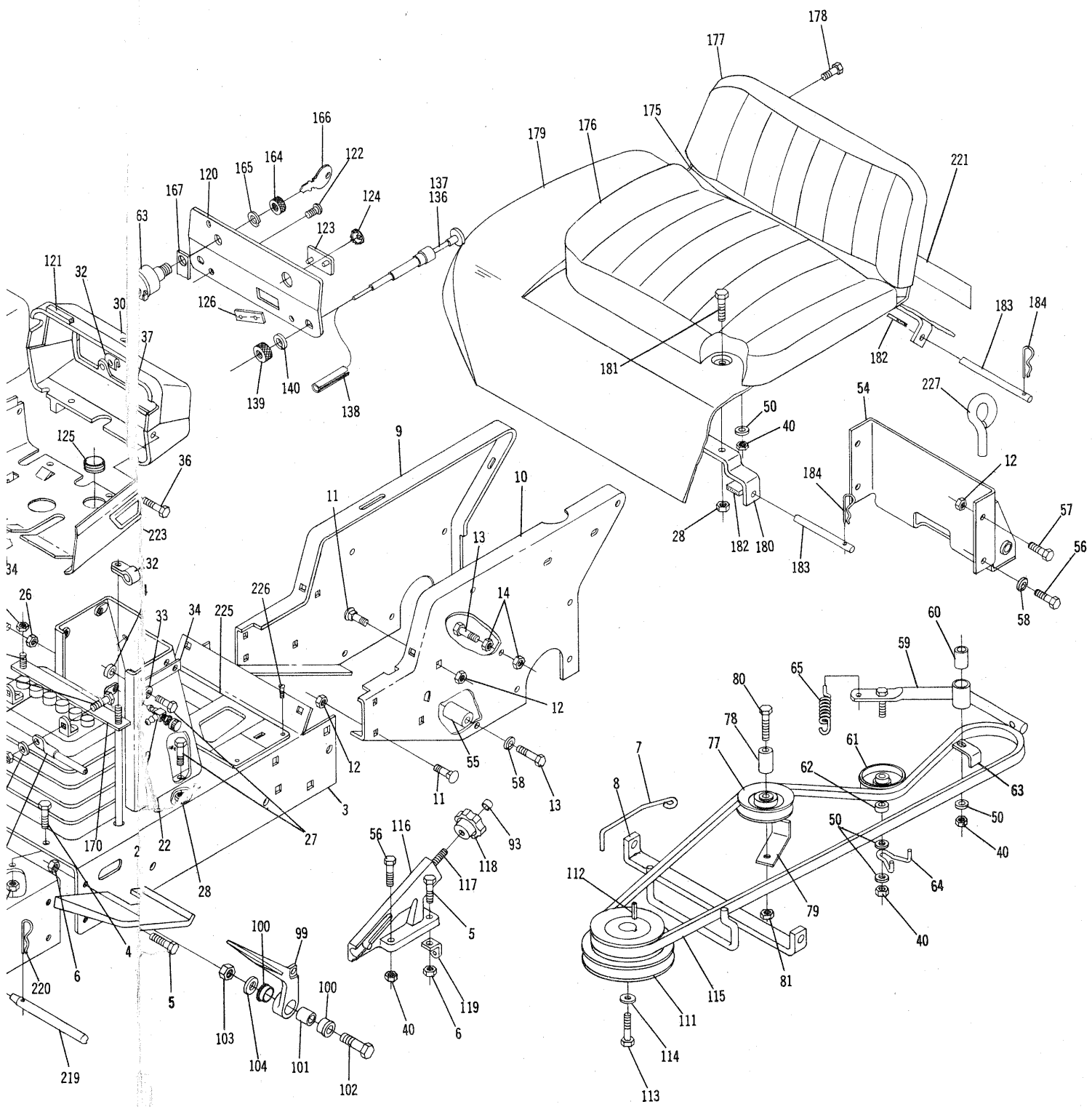
TRANSMISSION



STEERING & WHEEL ASS'Y.



MAIN FRAME, FEND



FRAME, FENDER & HOOD ASS'Y.

TRACTOR PARTS LIST FOR MODEL 1-4751

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When ordering parts always list Part No. and Name of Part.

(Specifications subject to change without notice.)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	9790	Frame — Front Section	1	58	920083-4	Lockwasher $\frac{3}{8}$	6
2	MW-2412	Bushing	2	59	8478	Idler Arm	1
3	100626	Frame Center	1	60	1522	Bushing — Bronze	1
4	908033-4	Bolt $\frac{3}{8}$ -16 x $\frac{7}{8}$	6	61	MW-5821	Pulley — Idler	1
5	908035-4	Bolt $\frac{3}{8}$ -16 x $1\frac{1}{4}$	5	62	MW-2745	Spacer	1
6	915663-4	Nut $\frac{3}{8}$ -16 Elastic Stop	7	63	8628	Bracket — Belt Guard	1
7	9986	Guide — Belt	1	64	8629	Stop — Belt	1
8	8724	Belt Guide	1	65	1014	Spring — Idler	1
9	8071	Panel — Frame — Rear (R.H.)	1	66	8514	Arm — Brake	1
10	8072	Panel — Frame — Rear (L.H.)	1	67	8475	Spacer	1
11	900062-4	Bolt Square Neck $\frac{3}{8}$ -16 x $\frac{3}{4}$	7	68	900067-4	Bolt Square Neck $\frac{3}{8}$ -16 x 2	1
12	915663-4	Nut Elastic Stop $\frac{3}{8}$ -16	11	69	908006-4	Bolt $\frac{1}{4}$ -20 x $1\frac{1}{4}$	1
13	908038-4	Bolt Hex $\frac{3}{8}$ -16 x 2	3	70	920007-4	Washer $\frac{1}{4}$ Flat	7
14	915236-4	Nut Jam $\frac{3}{8}$ -16	2	71	1230	Spring	1
15	8073	Axle — Front	1	72	909691	Set Screw Square Head $\frac{1}{4}$ -20 x $1\frac{3}{4}$	1
16	8074	Mount — Pivot	1	73	8482	Handle — Latch Brake	1
17	1030	Fitting — Grease	2	74	8722	Knob — Control #10-24 Thread	1
18	8844	Bolt Special $\frac{3}{8}$ -16	2	75	8693	Knob — Control	1
19	5630	Spindle R.H.	1	76	910797-4	Screw #10-24 x $1\frac{1}{4}$	1
20	5631	Spindle L.H.	1	77	8205	Pulley — Idler	1
21	5618	"E" Ring	2	78	8077	Tube Idler Spacer	1
22	8177	Hood Stand	1	79	6360	Bracket — Belt Guard	1
23	8023	Valve	1	80	908041-4	Bolt $\frac{3}{8}$ -16 x $2\frac{3}{4}$	1
24	5189	Spacer	1	81	915113-4	Nut $\frac{3}{8}$ -16 Eskok	1
25	908021-4	Bolt $\frac{5}{16}$ -18 x $1\frac{1}{2}$	1	82	100611	Shaft — Lever	1
26	915235-4	Nut Jam $\frac{5}{16}$ -18	1	83	5618	"E" Ring $\frac{3}{4}$ Shaft	2
27	908017-4	Bolt $\frac{5}{16}$ -18 x $\frac{3}{4}$	9	84	8093	Arm Lift	1
28	915112-6	Nut — Nylok $\frac{5}{16}$ -18	11	85	933216	Pin — Spirol $\frac{1}{4}$ x $1\frac{3}{8}$	1
29	100395	Stop — Clutch Lever	1	86	932013-4	Cotter Pin $\frac{3}{32}$ x 2	1
30	5450	Housing — Control Panel	1	87	8124	Lift Lever	1
31	5409	Bushing — Nylon	1	88	8129	Rod — Latch Lift Lever	1
32	5442	Speednut #10-16	4	89	8130	Retainer — Spring	1
33	920082-4	Lockwasher $\frac{3}{8}$	7	90	3624	Spring	2
34	9775	Spacer — Hood	2	91	933148	Roll Pin $\frac{1}{8}$ x $\frac{1}{2}$	1
35	100542	Support — Fuel Tank	1	92	6542	Grip — Handle	1
36	960152-4	Bolt $\frac{1}{4}$ -20 x $\frac{5}{8}$ Whizlock	4	93	3680	Cap	2
37	915111-6	Nut — Nylok $\frac{1}{4}$ -20	11	94	933213	Pin — Spirol $\frac{1}{4}$ x $1\frac{3}{8}$	1
38	6396	Support — Steering	1	95	932013-4	Cotter Pin $\frac{3}{32}$ x 2	1
39	6397	Bushing	1	96	8495	Rod — Brake and Clutch	1
40	915113-6	Nut — Nylok $\frac{3}{8}$ -16	12	97	932008-4	Pin — Cotter $\frac{3}{32}$ x $\frac{3}{4}$	2
41	8206	Steering Shaft Upper	1	98	920237-4	Washer — Special	1
42	909848-5	Set Screw — Nylok $\frac{1}{4}$ -20 x $\frac{1}{4}$	1	99	8096	Pedal — Brake	1
43	1085	Collar	1	100	6254	Bushing	2
44	100139	Steering — Shaft Lower	1	101	6264	Spacer	1
45	5210	Washer — Shim (.015)	4	102	908059-4	Bolt Hex $\frac{1}{2}$ -13 x $1\frac{1}{2}$	1
46	100065	Plate — Cam Steering	1	103	915115-6	Nut — Nylok $\frac{1}{2}$ -13	1
47	908182-4	Bolt Hex $\frac{3}{8}$ -24 x $\frac{1}{8}$	1	104	920011-4	Washer $\frac{1}{2}$ Flat	1
48	1278	Washer — Shim (.050)	4	105	8494	Collar — Clutch and Brake	1
49	932035-4	Pin — Cotter $\frac{3}{16}$ Dia. x $1\frac{1}{4}$	1	106	909534	Set Screw Square Head $\frac{1}{4}$ -20 x $\frac{3}{4}$	1
50	920009-4	Washer $\frac{3}{8}$ SAE	14	107	100172	Engine 7 H.P.	1
51	1772	Ball Joint (R.H.)	1	108	908019-4	Bolt $\frac{5}{16}$ -18 x 1	3
52	1773	Ball Joint (L.H.)	1	109	8711	Spacer — Muffler	1
53	915002-6	Nut — Nylok $\frac{3}{8}$ -24	5	110	9591	Muffler Kit (Includes Hdw.)	1
54	8083	Bracket — Hitch	1	111	100158	Pulley Drive	1
55	8092	Block — Spacer	2	112	1433	Key $\frac{1}{4}$ x $\frac{1}{4}$ x 1	1
56	908034-4	Bolt Hex $\frac{3}{8}$ -16 x 1	5	113	908183-6	Bolt — Nylok $\frac{3}{8}$ -24 x 1	2
57	908032-4	Bolt Hex $\frac{3}{8}$ -16 x $\frac{3}{4}$	2	114	920241-4	Washer — Spacer	1

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115	8133	Belt — Drive	1	172	100438	Battery Cap	6
116	8208	Quadrant — Height Control	1	173	100335	Wire — Battery to Ground	1
117	8099	Rod — Height Control	1	174	908003-4	Bolt 1/4-20 x 3/4 Hex	2
118	5280	Knob — Height Control	1	175	7018	Seat Base	1
119	2534	Clip — Spring	1	176	7019	Cushion — Seat	1
120	7379	Panel — Control	1	177	7020	Cushion — Back	1
121	5606	Tape — Control Housing	1	178	7027	Screw — Whizlock 1/4-20 x 1/2	5
122	926374-4	Screw #10-16 x 3/4 Type B	4	179	8720	Fender	1
123	7415	Plug — Button — Light Switch	1	180	8718	Support — Fender — Front	1
124	935113-4	Plug — Button — Cigar Lighter	1	181	908016-4	Bolt 5/16-18 x 5/8	2
125	5439	Gormmet — Rubber	1	182	8717	Tape — Fender — Support	4
126	7674	Speednut — Plug Button	1	183	8702	Rod — Seat — Mount	2
127	8028	Tank — Fuel	1	184	933504-4	Hairpin	4
128	100147	Wire — Fuel Tank Hold Down	1	185	9066	Wheel — Steering	1
129	1789	Cap — Fuel Tank	1	186	933220	Roll Pin 1/4 Dia. x 1 1/8	1
130	9170	Spring	1	187	9067	Cap — Steering Wheel	1
131	8024	Hose — Fuel	2	188	8187	Wheel and Tire	2
132	4256	Clip	2	189	8118	Wheel	2
133	950153	Clamp — Corbin	5	190	8188	Tire 13 x 5.00-6	2
134	100311	Hose — Fuel Valve to Filter	1	191	920015-4	Washer 3/4 Plain	2
135	100327	Fuel Filter	1	192	2844	Washer — Hub	2
136	8185	Control — Choke	1	193	8120	Hub Cap	2
137	8186	Control Throttle	1	194	8189	Wheel and Tire	2
138	100649	Tube — Cover — Cable	1	195	8190	Wheel	2
139	1364	Nut 5/16-18 Round	2	196	8191	Tire 18 x 8.50-8	2
140	920127-4	Lockwasher 5/16	2	197	7747	Hub Cap	2
141	9698	Hood	1	198	8192	Collar	2
142	9766	Bracket — Grille Pivot R.H.	1	199	909852-5	Set Screw	2
143	9767	Bracket — Grille Pivot L.H.	1	200	2590	Key 1/4 x 1/4 x 2	2
144	900037-4	Bolt 5/16-18 x 3/4 Carriage	4	201	908032-6	Bolt 3/8-16 x 3/4 Hex	2
145	920008-4	Washer — 5/16 SAE	2	202	920211-4	Washer 3/8 Flat	2
146	9704	Rod — Pivot	1	203	8498	Arm Clutch	1
147	5457	Bushing — Hood Hinge	2	204	100545	Tube Guide	1
148	9707	Rod — Pivot Stop	1	205	933503-4	Hairpin Cotter	1
149	932000-4	Pin — Cotter 1/16 x 1/2	2	206	6547	Spring	1
150	100646	Washer — Rubber	2	207	8504	Rod — Clutch	1
151	5467	Lever — Hood Latch	1	208	5791	Trunnion — Clutch Rod	1
152	5469	Knob	1	209	932009-4	Cotter Pin 3/32 x 1	1
153	933182	Roll Pin 1/16 Dia. x 5/8	1	210	8505	Lever	1
154	5505	Roller — Rubber	2	211	5852	Knob — Hand	1
155	5468	Roller — Steel	2	212	933153	Roll Pin 1/8 x 1 1/16	1
156	915932-4	Nut — High Crown #10-24	2	213	5701	"E" Ring 1/2 Dia. Shaft	3
157	5466	Speednut 1/4 Dia. Push On	2	214	6230	Bushing — Bronze	4
158	5522	Rod — Hood Latch	1	215	8506	Pulley Hanger	1
159	5438	Ornament — Hood	1	216	8510	Pulley — Idler	2
160	5437	Speednut 1/8 Dia. Push On	2	217	908037-4	Bolt 3/8-16 x 1 3/4	2
161	7416	Plate — Escutcheon	1	218	100402	Guide — Belt	2
162	7721	Clip — Tinnerman	4	219	8778	Rod — Attachment Pivot	1
163	7572	Switch — Ignition	1	220	933512-4	Hairpin Cotter	2
164	7261	Nut Hex 5/16-24 Special	1	221	5604	Decal — Fender	1
165	920159-4	Lockwasher 5/16 Internal Teeth	1	222	100000	Decal — Hood Trim	2
166	7262	Key — Ignition	2	223	100189	Decal	2
167	5451	Insulator — Switch	1	224	7421	Decal — Steering Wheel	1
168	100400	Harness	1	225	8497	Plate — Cover	1
169	100503	Battery	1	226	910320-4	Screw — Self-Tapping #8-32 x 3/8	4
170	5851	Strap Battery	1	227	1813	Tool Pin	1
171	8107	Hook — Battery Retainer	2				