

Wheel Horse[®]

TRACTORS / SNOWTHROWERS / MOWERS



TRACTOR PARTS MANUAL

COMMANDO V8

**MODEL
1-4841**

Wheel Horse Products, Inc.
SOUTH BEND, INDIANA 46614

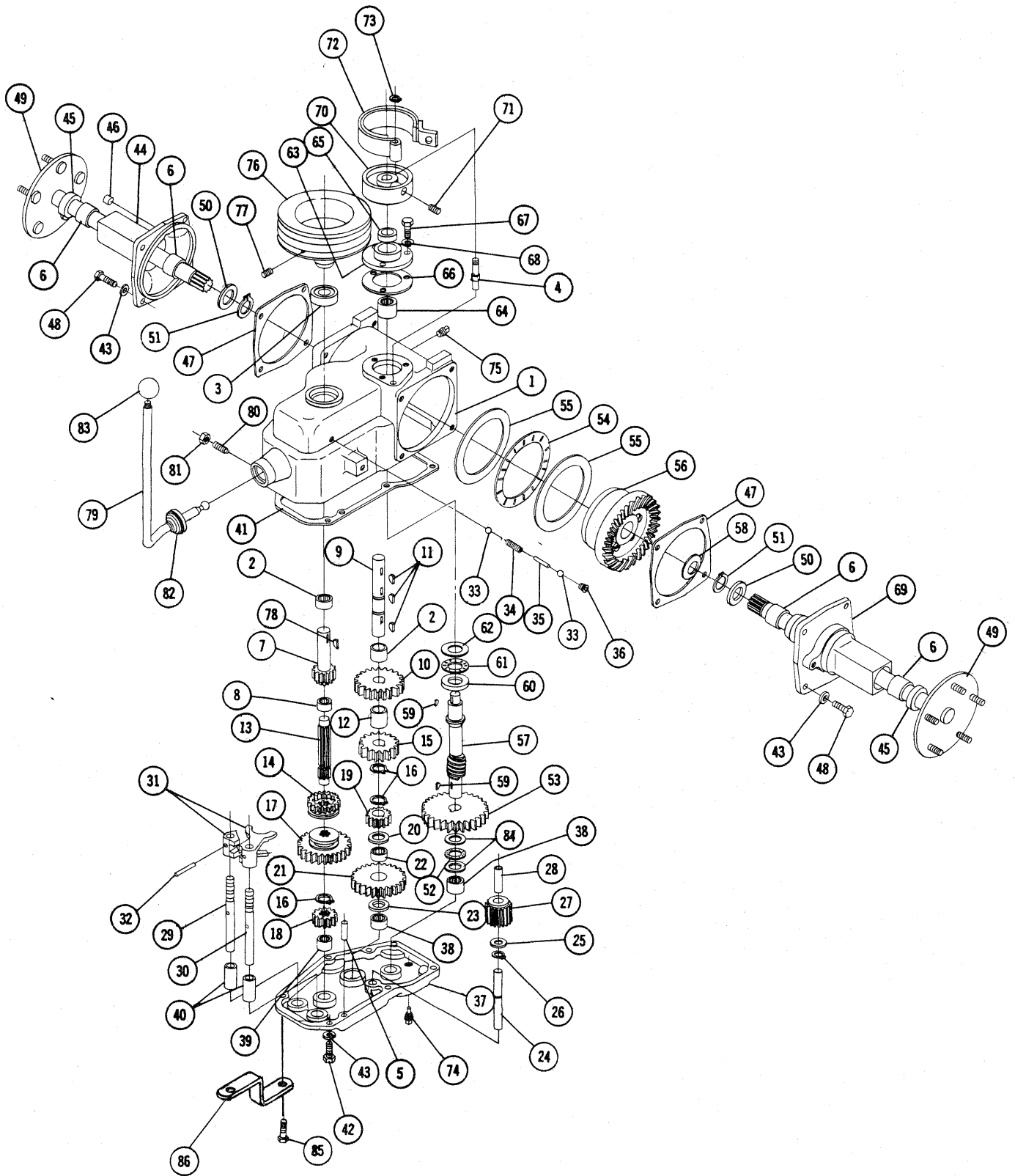
PARTS LIST FOR 5066 TRANSMISSION

Parts available only through Authorized Dealers.

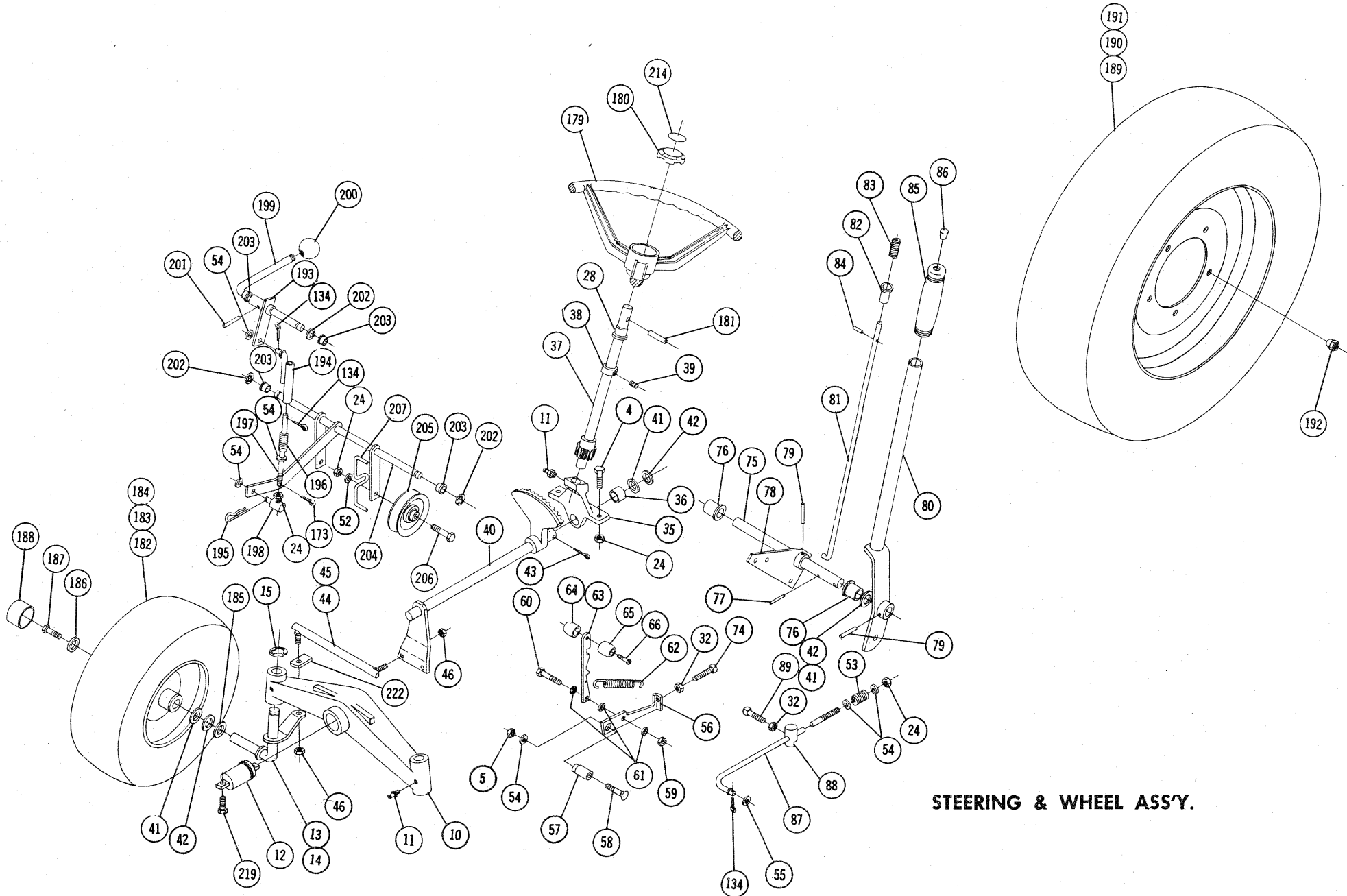
When ordering parts always list Part No. and name of Part.

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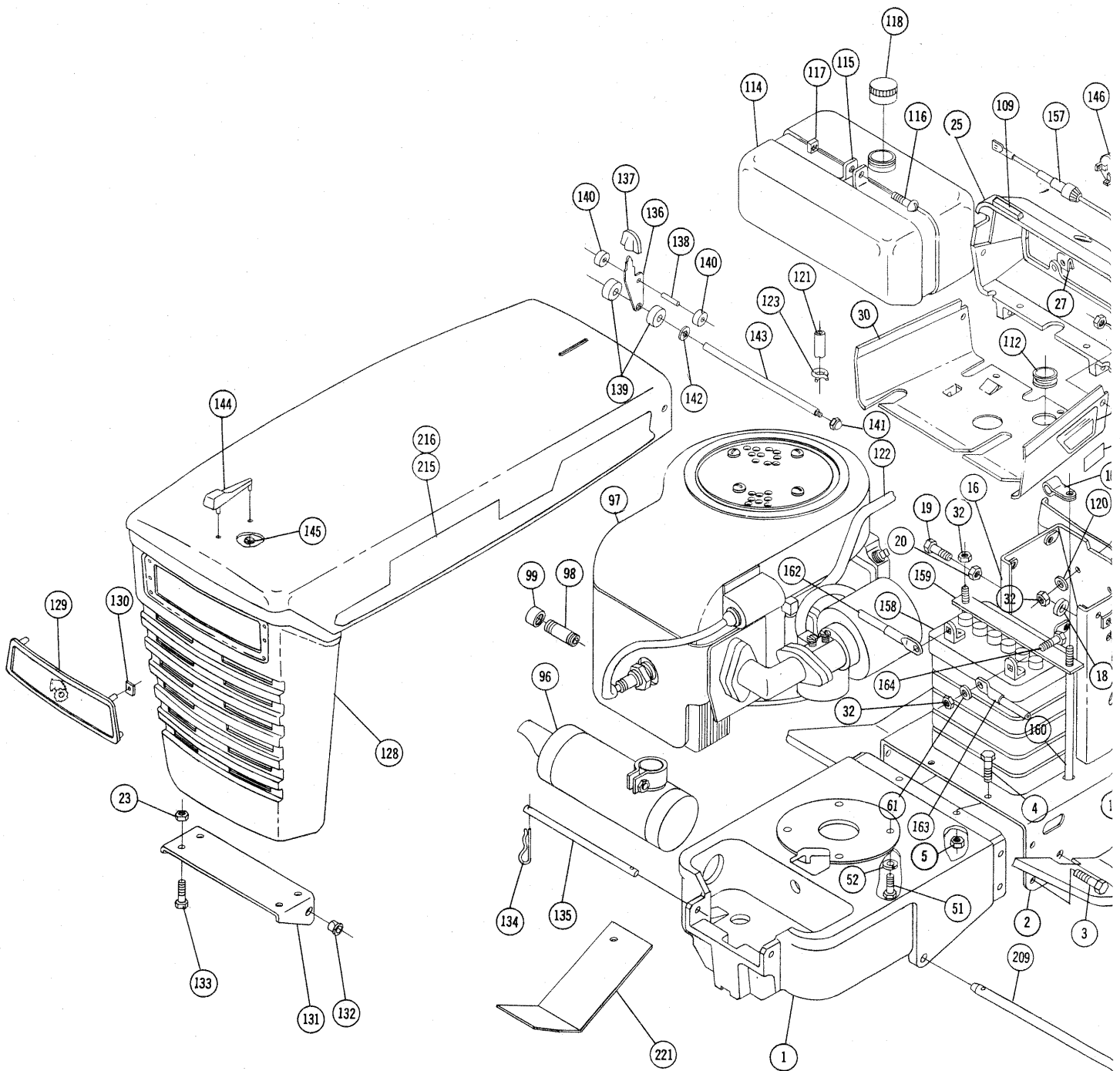
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	7982	Housing — Gear Case	1	44	8019	Housing — Axle R.H.	1
2	1523	Bearing — Needle	2	45	5958	Seal — Axle 1" I.D.	2
3	1515	Bearing — Ball	1	46	8016	Breather	1
4	7966	Pin — Pivot — Brake	1	47	7936	Gasket — Axle Housing	2
5	3915	Pin — Dowel	2	48	908034-4	Bolt — Hex $\frac{3}{8}$ -16 x 1	8
6	1528	Bearing — Needle	4	49	7940	Axle	2
7	3522	Gear — Input	1	50	7938	Race — Thrust	2
8	1518	Bearing — Needle	1	51	7939	Ring — Retainer	2
9	7987	Shaft — Idler	1	52	8571	Bearing — Thrust	1
10	7938	Gear — 36T.	1	53	7994	Gear — Pinion Drive	1
11	937079	Key — Woodruff $\frac{1}{8}$ x $\frac{3}{8}$ Dia.	3	54	7954	Bearing — Thrust	1
12	7989	Spacer	1	55	7955	Race — Thrust	2
13	3907	Shaft — Spline	1	56	7952	Differential Assembly	1
14	3523	Gear — High and 2nd	1	57	7953	Pinion — Gear — Differential	1
15	7990	Gear — 30T.	1	58	8018	Washer	1
16	936125	Ring — Retainer	3	59	937086	Key — Woodruff $\frac{3}{16}$ x $\frac{5}{8}$ Dia.	2
17	7986	Gear Low & Reverse 37T.	1	60	7962	Bearing — Race — Special	1
18	3526	Gear — Spline Shaft 15T.	1	61	7960	Bearing — Thrust	1
19	7991	Gear — 1st Speed	1	62	7961	Race — Thrust	1
20	1535	Race Thrust Bearing	1	63	7958	End Cap — Pinion	1
21	7992	Gear — Idler 38T.	1	64	7959	Bearing Needle	1
22	1540	Bearing — Needle	1	65	7963	Seal — Pinion $\frac{5}{8}$ I.D.	1
23	7993	Race Thrust	1	66	7964	Gasket — End Cap	1
24	7996	Shaft — Reverse Idler	1	67	908017-4	Bolt Hex $\frac{5}{16}$ -18 x $\frac{3}{4}$	3
25	7947	Race — Thrust	1	68	920082-4	Washer — Lock $\frac{5}{16}$	3
26	936117	Ring — Retainer	1	69	7937	Housing Axle L.H.	1
27	4204	Gear — Reverse Idler	1	70	7965	Drum — Brake	1
28	1516	Bushing — Bronze	1	71	909353-5	Set Screw $\frac{1}{4}$ -20 x $\frac{5}{8}$	1
29	5615	Rail — Low & Reverse Shift	1	72	7967	Brake — Band & Liner	1
30	5616	Rail 2nd & 3rd Shift	1	73	936112	Ring — Retainer	1
31	7995	Fork — Shift	2	74	8015	Plug — Drain $\frac{1}{4}$ Pipe	1
32	933156	Roll Pin $\frac{1}{8}$ x 1	2	75	943421	Fill Plug $\frac{1}{2}$ Pipe	1
33	3517	Ball — Shift — Stop	2	76	7999	Pulley — Transmission	1
34	3518	Spring — Shift Stop	1	77	909850-5	Set Screw $\frac{1}{4}$ -20 x $\frac{3}{8}$	1
35	5614	Pin — Shift Stop	1	78	937014	Key — Woodruff $\frac{3}{16}$ x $\frac{3}{4}$	1
36	943418	Plug $\frac{1}{8}$ Pipe	1	79	8000	Shift Handle	1
37	7983	Cover Transmission	1	80	1239	Set Screw	1
38	1529	Bearing Needle	2	81	915111-4	Nut $\frac{1}{4}$ -20 Hex	1
39	1531	Bearing Needle	1	82	8002	Boot — Seal	1
40	7984	Bushing — Shifter Rail	2	83	1001	Knob	1
41	7998	Gasket — Transmission	1	84	7956	Race Thrust	2
42	908034-4	Bolt Hex $\frac{3}{8}$ -16 x 1	5	85	908035-4	Bolt Hex $\frac{3}{8}$ -16 x $1\frac{1}{4}$	1
43	920083-4	Washer Lock $\frac{3}{8}$	14	86	9972	Stop Bracket	2



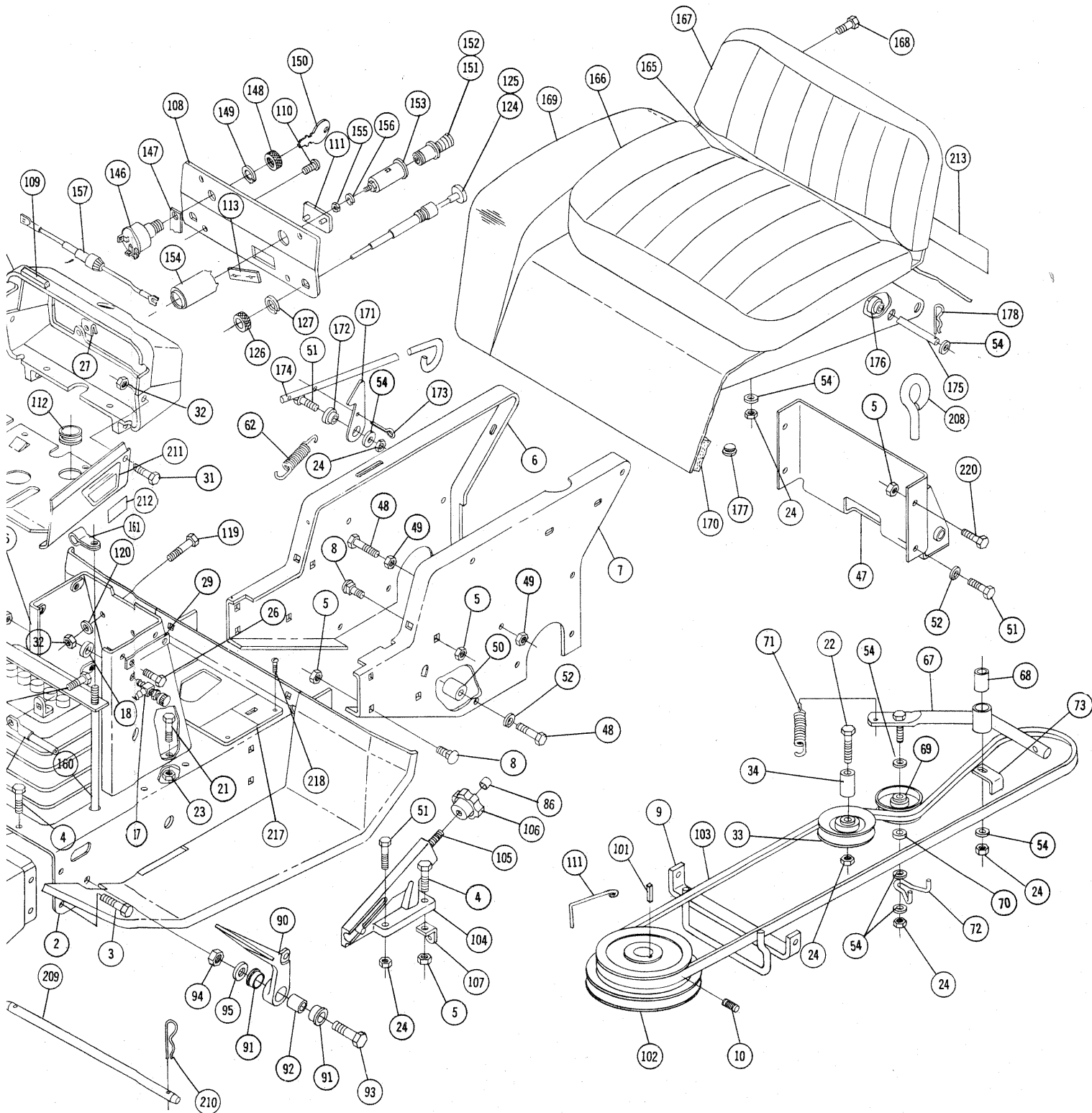
5066 TRANSMISSION



STEERING & WHEEL ASS'Y.



MAIN FRAME, FENDER &



SEAT, FENDER & HOOD ASS'Y.

TRACTOR PARTS LIST FOR MODEL 1-4841

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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	8032	Block — Engine Mounting	1	56	8514	Arm — Brake	1
2	8067	Frame — Center	1	57	8475	Spacer	1
3	908033-4	Bolt $\frac{3}{8}$ -16 x $\frac{7}{8}$	2	58	900067-4	Bolt Square Neck $\frac{3}{8}$ -16 x 2	1
4	908035-4	Bolt $\frac{3}{8}$ -16 x $1\frac{1}{4}$	5	59	915661-4	Nut $\frac{1}{4}$ -20 Elastic Stop	1
5	915663-4	Nut $\frac{3}{8}$ -16 Elastic Stop	21	60	908006-4	Bolt $\frac{1}{4}$ -20 x $1\frac{1}{4}$	1
6	8071	Panel — Rear — R.H.	1	61	920007-4	Washer $\frac{1}{4}$ Flat	5
7	8072	Panel — Rear — L.H.	1	62	1230	Spring	2
8	900062-4	Bolt Square Neck $\frac{3}{8}$ -16 x $\frac{3}{4}$	9	63	8482	Handle — Brake Latch	1
9	8634	Belt Guide	1	64	8722	Knob — Control #10-24 Thd.	1
10	8073	Axle — Front	3	65	8693	Knob — Control	1
11	1030	Fitting — Grease	2	66	910797-4	Screw Pan Head #10-24 x $1\frac{1}{4}$	1
12	8074	Mount — Pivot Axle	1	67	8478	Idler Arm	1
13	5630	Spindle Axle R.H.	1	68	1522	Bushing — Bronze	1
14	5631	Spindle Axle L.H.	1	69	MW-8821	Pulley Idler	1
15	5618	"E" Ring $\frac{3}{4}$ Dia.	2	70	MW-2745	Spacer	1
16	8075	Hood Stand	1	71	1014	Spring — Idler	1
17	8023	Valve	1	72	8629	Belt Stop	1
18	5189	Spacer	1	73	8628	Bracket — Belt Guard	1
19	908021-4	Bolt $\frac{5}{16}$ -18 x $1\frac{1}{2}$	1	74	909538	Set Screw Square $\frac{1}{4}$ -20 x $1\frac{3}{4}$	1
20	915235-4	Nut Jam $\frac{5}{16}$ -18	1	75	8226	Shaft — Lever	1
21	908017-4	Bolt $\frac{5}{16}$ -18 x $\frac{3}{4}$	5	76	MW-2412	Bushing	2
22	908041-4	Bolt $\frac{3}{8}$ -16 x $2\frac{3}{4}$	1	77	933154	Roll Pin $\frac{1}{8}$ x $\frac{7}{8}$	1
23	915112-6	Nut $\frac{5}{16}$ -18 Nylok	7	78	8093	Lift Arm	1
24	915113-6	Nut $\frac{3}{8}$ -16 Nylok	13	79	933763	Spirol Pin $\frac{1}{4}$ Dia. x $1\frac{3}{8}$	2
25	5450	Housing Control Panel	1	80	8124	Lift Lever	1
26	908016-4	Bolt $\frac{5}{16}$ -18 x $\frac{5}{8}$ Hex	4	81	8129	Rod — Latch — Lift Lever	1
27	5442	Speed Nut #10-16	4	82	8130	Retainer — Spring	1
28	5409	Bushing — Nylon	1	83	3624	Spring	1
29	9775	Spacer — Hoodstand	2	84	933148	Roll Pin $\frac{1}{8}$ x $\frac{1}{2}$	1
30	5458	Support — Fuel Tank	1	85	6542	Grip — Handle	1
31	960152-4	Bolt $\frac{1}{4}$ -20 x $\frac{5}{8}$ Whizlock	4	86	3680	Cap — Latch Rod	2
32	915111-6	Nut — Nylok $\frac{1}{4}$ -20	12	87	8495	Rod — Brake and Clutch	1
33	8205	Pulley — Idler — Stationary	1	88	8494	Collar — Clutch and Brake	1
34	8077	Tube — Idler Spacer	1	89	909535	Set Screw Square $\frac{1}{4}$ -20 x $\frac{3}{4}$	1
35	6396	Support — Steering	1	90	8096	Brake Pedal	1
36	6397	Bushing	1	91	6254	Bushing	2
37	8078	Steering Shaft — Upper	1	92	6264	Spacer	1
38	1085	Collar	1	93	908059-4	Bolt Hex $\frac{1}{2}$ -13 x $1\frac{1}{2}$	1
39	909848-5	Set Screw $\frac{1}{4}$ -20 x $\frac{1}{4}$ Nylok	1	94	915115-6	Nut $\frac{1}{2}$ -13 Nylok	1
40	8080	Steering Shaft — Lower	1	95	920011-4	Washer $\frac{1}{2}$ Flat	1
41	5210	Washer — Shim .015	4	96	8103	Muffler and Clamp	1
42	1273	Washer — Shim .050	4	97	8097	Engine 8 H.P.	1
43	932035-4	Cotter Pin $\frac{3}{16}$ Dia. x $1\frac{1}{4}$	1	98	8828	Nipple — Drain — Oil	1
44	1772	Ball Joint R.H.	1	99	4217	Cap — Drain — Oil	1
45	1773	Ball Joint L.H.	1	100	909865-5	Set Screw $\frac{5}{16}$ -18 x $\frac{1}{2}$	2
46	915002-6	Nut $\frac{3}{8}$ -24 Nylok	4	101	1433	Key $\frac{1}{4}$ x $\frac{1}{4}$ x 1	1
47	8083	Bracket Hitch	1	102	8132	Pulley — Drive	1
48	908038-4	Bolt Hex $\frac{3}{8}$ -16 x 2	3	103	8133	Belt — Drive	1
49	915236-4	Nut Jam $\frac{3}{8}$ -16	2	104	8208	Quadrant — Height Control	1
50	8092	Block — Spacer	2	105	8099	Rod — Height Control	1
51	908034-4	Bolt Hex $\frac{3}{8}$ -16 x 1	10	106	5280	Knob — Height Control	1
52	920083-4	Washer Lock $\frac{3}{8}$	10	107	2534	Clip Spring	1
53	3624	Spring	1	108	7379	Panel Control	1
54	920009-4	Washer $\frac{3}{8}$ Flat	13	109	5606	Tape — Control Housing	1
55	920237-1	Washer	1	110	926308-4	Screw — Self Tap #10-16 x $\frac{3}{4}$	4
				111	9986	Belt Guide	1

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111	7415	Plug Button — Light Switch	1	167	7020	Cushion — Back	1
112	5439	Grommet — Rubber	1	168	7027	Screw — Whizlock ¼-20 x ½	5
113	7674	Speed Nut — Plug Botton	1	169	8108	Fender	1
114	8028	Fuel Tank	1	170	7055	Tape — Foam	2
115	8026	Clamp — Tank	1	171	8110	Latch — Seat	1
116	909059-4	Bolt Round Head ¼-20 x 1¼	1	172	8111	Bushing	1
117	915515-4	Nut Square ¼-20	1	173	932009-4	Pin — Cotter ⅜ x 1	1
118	1789	Cap Fuel Tank	1	174	8112	Rod — Seat Latch	1
119	908003-4	Bolt Hex ¼-20 x ¾	2	175	8113	Rod — Pivot — Seat	1
120	920122-4	Lockwasher External Tooth	2	176	8111	Bushing — Spacer	2
121	8024	Hose — Tank to Valve	1	177	5667	Bumper — Rubber	2
122	8102	Hose — Fuel — Valve to Engine	1	173	933504-4	Hairpin Cotter	2
123	950153	Clamp Corbin	3	179	7420	Steering	1
124	8104	Choke — Control	1	180	7469	Insert	1
125	8105	Throttle — Control	1	181	933215	Roll Pin ¼ Dia. x 1¼	1
126	1364	Nut ⅝-18 Round	2	182	8117	Wheel and Tire Complete	2
127	920127-4	Lockwasher ⅝	2	183	8118	Wheel	2
128	9748	Hood	1	184	8119	Tire 15 x 6.00-6	2
129	7416	Plate — Escutcheon	1	185	920015-4	Washer Flat ¾	2
130	7721	Clip — Tinnerman	4	186	2844	Washer — Wheel Retainer	2
131	5455	Bracket — Hood Hinge	1	187	908033-5	Bolt Nylok ⅜-16 x ⅞	2
132	5457	Bushing — Nylon	2	188	8120	Hub Cap	2
133	908015-4	Bolt Hex ⅝-18 x ½	2	189	8121	Wheel and Tire Complete	2
134	932008-4	Cotter Pin ⅜ x ¾	3	190	8122	Wheel	2
135	8106	Rod — Hood Hinge	1	191	8123	Tire 20 x 8.00-10	2
136	5467	Lever — Hood Latch	1	192	8136	Nut Wheel ⅝-20	10
137	5469	Knob	1	193	8498	Clutch Arm	1
138	933182	Roll Pin ⅜ x ⅝	1	194	8501	Tube Guide	1
139	5505	Roller — Rubber	2	195	933503-4	Hairpin Cotter	1
140	5468	Roller — Steel	2	196	6547	Spring	1
141	915932-4	Nut High Crown #10-24	2	197	8504	Rod — Clutch	1
142	5466	Speed Nut ¼ Dia. Push-On	2	198	5791	Trunnion — Clutch Rod	1
143	5522	Rod — Hood Latch	1	199	8505	Lever	1
144	5438	Ornament — Hood	1	200	5852	Knob	1
145	5437	Speed Nut ⅛ Dia. Push-On	2	201	933153	Roll Pin ⅛ x 1	1
146	8362	Switch — Ignition	1	202	5701	"E" Ring ½ Dia. Shaft	3
147	5451	Insulator — Switch	1	203	6230	Bushing Bronze	4
148	7261	Nut Hex ⅝-24 Special	1	204	8506	Pulley Hanger	1
149	920159-4	Lockwasher ⅝ Internal Tooth	1	205	8510	Pulley — Idler	2
150	7262	Key — Ignition	2	206	908037-4	Bolt ⅜-16 x 1¾	2
151	5480	Cigar Lighter Complete	1	207	8782	Guide Belt	2
152	5481	Knob & Plug	1	208	1813	Tool Pin	1
153	5482	Socket	1	209	8778	Rod — Attachment Pivot	1
154	5483	Shell	1	210	933512-4	Hairpin Cotter	2
155	920078-4	#8 Lockwasher	1	211	7560	Decal — Commando	2
156	915562	Nut #8-32 Brass	2	212	8762	Decal "V8"	2
157	8824	Fused Connector	1	213	8138	Decal — Fender	1
158	3653	Battery	1	214	7421	Decal — Steering Wheel	1
159	5851	Strap — Battery	1	215	7422	Decal — Hood Trim R.H.	1
160	8107	Hook — Battery Retainer	2	216	7423	Decal — Hood Trim L.H.	1
161	4256	Clip — Hose	1	217	8497	Plate — Cover — Operating Instr.	1
162	8134	Wiring Harness	1	218	910320-4	Screw — Self Tapping #8-32 x ⅜	4
163	8135	Wire — Battery to Ground	1	219	908032-5	Bolt ⅜-16 x ¾ Nylok	2
164	908002-4	Bolt ¼-20 x ⅝ Hex	4	220	908032-4	Bolt — Hex ⅜-16 x ¾	2
165	7018	Seat Base	1	221	9765	Heat Shield	1
166	7019	Cushion — Seat	1	222	9749	Stop — Steering	2

