

# BOLENS

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**HUSKY 750  
TRACTOR  
MODELS  
171-01 & 172-01**

## ILLUSTRATED PARTS CATALOG



# BOLENS

PORT WASHINGTON, WISCONSIN, U.S.A.

PRICE: ONE DOLLAR

LITHO U.S.A.

FORM NO. P-551776  
10-66

TRANSMISSION ASSEMBLY MODELS 171-01 AND 172-01

ASSEMBLY PART NO. 1714998

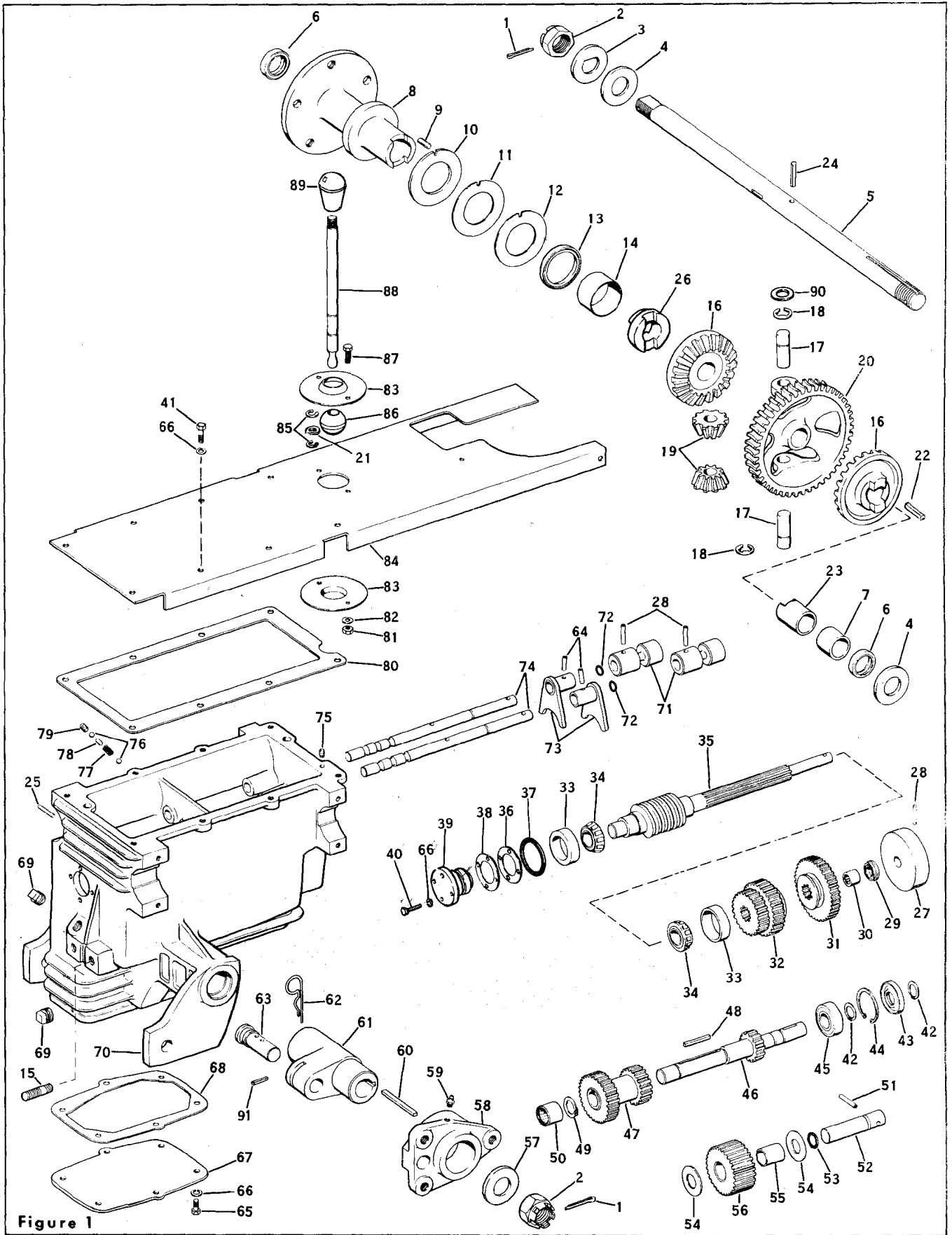


Figure 1

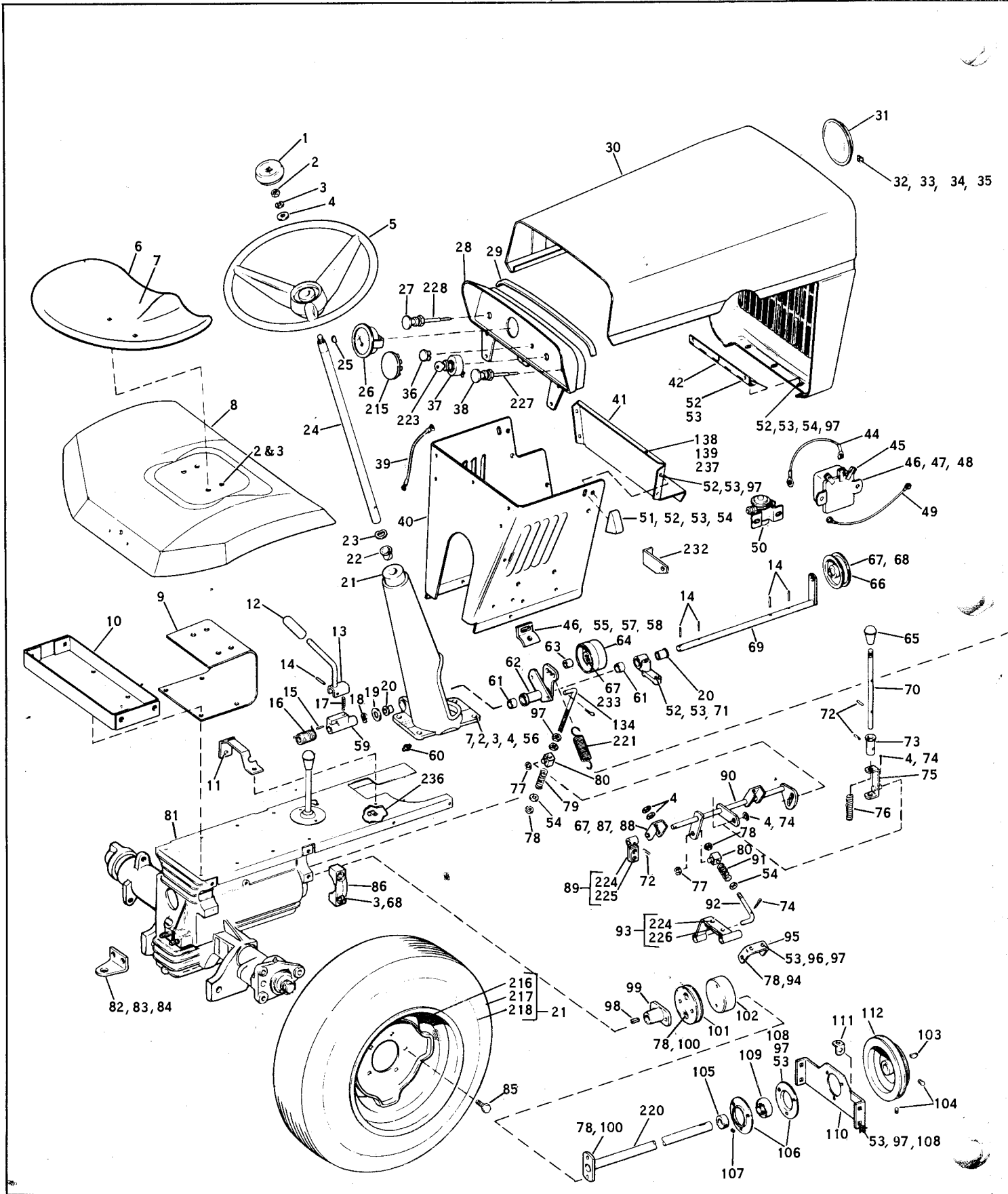
TRANSMISSION ASSEMBLY MODELS 171-01 AND 172-01

Ref. No.	Part No.	Description	No. Req'd.
1	1100352	Cotter Pin 1/8 x 1-1/2	2
2	1120129	Castle Nut 1-14	2
3	1709578	D-Washer	1
4	1711786	Thrust Bearing	2
5	1714886	Axle	1
6	1185295	Oil Seal	2
7	1185300	Bronze Bearing	1
8	1714888	Wheel Hub	1
9	1713457	Drive Pin	2
10	1714558	Shim Washer .020"	As Req.
11	1714559	Shim Washer .005"	As Req.
12	1714557	Thrust Washer	1
13	1185426	Oil Seal	1
14	1714571	Bronze Bearing	1
15	1718067	Stud	2
16	1714917	Bevel Gear - 22T	2
17	1713467	Pinion Shaft	2
18	1177567	Retaining Ring	2
19	1713466	Bevel Pinion - 10T	2
20	1713411	Worm Wheel	1
*21	1706782	Bowed Washer	1
22	1104337	Square Key 1/4 x 1-1/2	1
23	1714566	Drive Hub	1
24	1713432	Drive Pin - Shear Proof	1
25	1120209	Drive Pin 3/16-3/4	1
26	1714565	Coupling	1
27	1713597	Brake Drum	1
28	1704692	Roll Pin 1/8 x 1	3
29	1891820	Oil Seal	1
30	1185165	Needle Bearing	1
31	1713409	Gear - 38T	1
32	1713439	Sliding Gear	1
33	1185276	Bearing Cup	2
34	1185275	Bearing Cone	2
35	1713408	Worm Shaft	1
36	1714291	Shim .010"	As Req.
37	1185572	Oil Ring	1
38	1714292	Shim .003"	As Req.
39	1714290	Bearing Retainer	1
40	1106878	Capscrew 5/16-18 x 1	4
*41	1106876	Capscrew 5/16-18 x 7/8	8
42	1118809	Retaining Ring	2
43	1185352	Oil Seal	1
44	1700012	Retaining Ring	1
45	1104440	Ball Bearing	1
46	1713442	Shaft-Input	1
47	1713436	Gear and Shaft	1

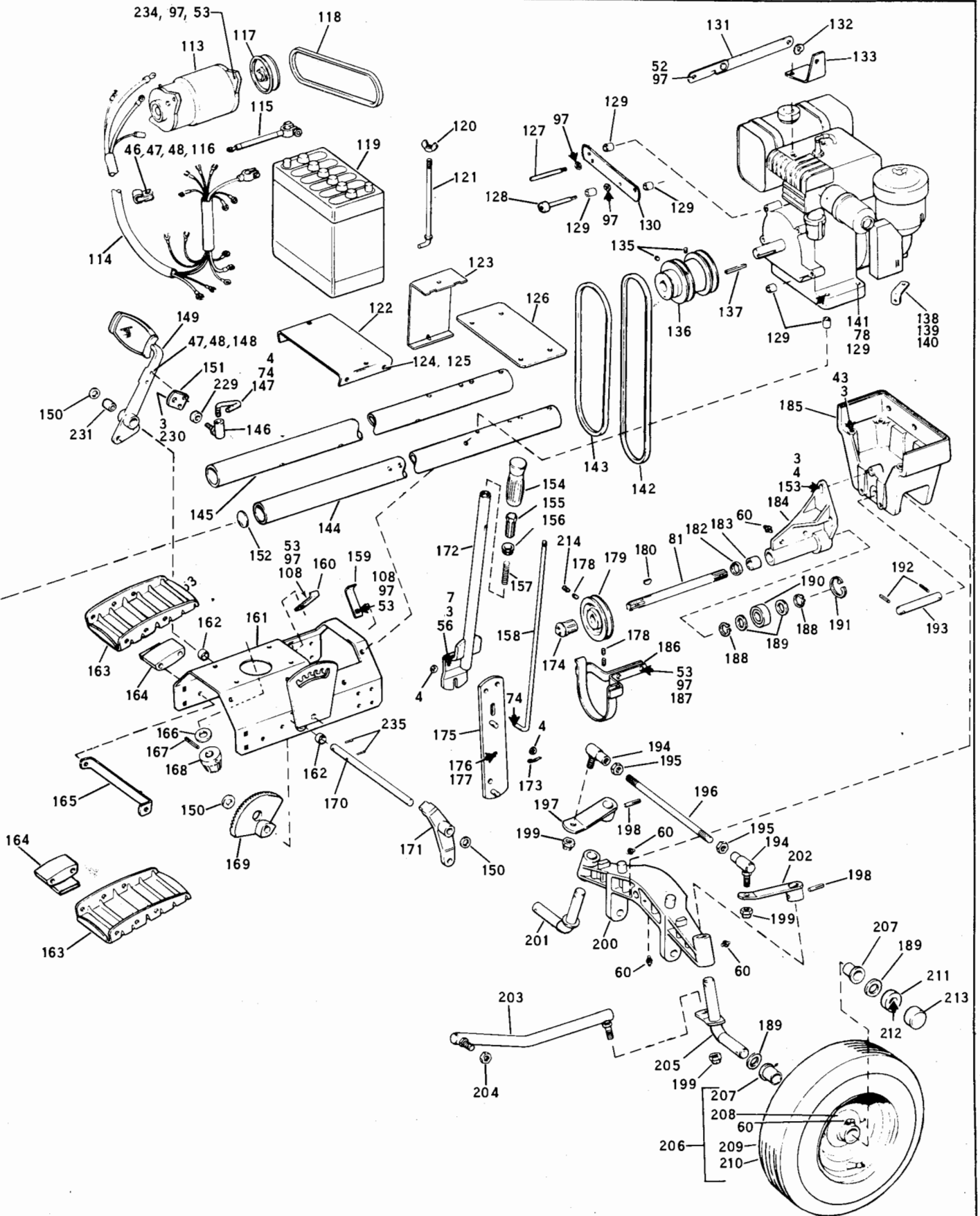
Ref. No.	Part No.	Description	No. Req'd.
48	1108841	Square Key 3/16 x 1-1/2	1
49	1113527	Retaining Ring	1
50	1185280	Needle Bearing	1
51	1185232	Drive Pin 3/16-1-1/4	1
52	1713419	Shaft - Reverse Idler	1
53	1185360	O-Ring	1
54	1707546	Flat Washer	2
55	1185113	Bronze Bearing	1
56	1713412	Gear - 28T	1
57	1711787	Flat Washer	1
58	1715727	Free Wheeling Hub	1
59	1110086	Grease Fitting	1
60	1703053	Square Key 1/4 x 2-3/4	1
61	1715725	Drive Collar	1
62	1185590	Hitch Pin	1
63	1713426	Lock Pin	1
64	1703066	Drive Pin 1/8 x 3/4	2
65	1106872	Capscrew 5/16-18 x 5/8	6
66	1100242	Lockwasher 5/16	18
67	1713428	Cover	1
68	1713427	Gasket	1
69	1105678	Plug	2
70	1713465	Gear Case	1
71	1713422	Connector	2
72	1177388	O-Ring	2
73	1716489	Shifter Arm	2
74	1713424	Shifter Shaft	2
75	182682	Breather	1
76	1713416	Ball	2
77	1713417	Spring	1
78	1713421	Pin	1
79	1185342	Set Screw 5/16-18 x 3/8	1
80	1713429	Gasket	1
*81	1103838	Hex Nut 1/4-20	2
*82	1100241	Lockwasher 1/4	2
*83	1713455	Bearing Retainer	2
*84	1717274	Cover Plate	1
*85	1118804	Retaining Ring	2
*86	1713423	Pivot Ball	1
*87	1106832	Capscrew 1/4-20 x 5/8	2
*88	1716518	Shift Lever	1
*89	1715546	Knob - Control	1
90	1712763	Thrust Washer	4
91	1185409	Drive Pin 1/4 x 5/8	1

\*Indicates Parts not Included with Gear Case Assembly Part No. 1714998

TRACTOR ASSEMBLY MODELS 171-01 AND 172-01



TRACTOR ASSEMBLY MODELS 171-01 AND 172-01



TRACTOR ASSEMBLY MODELS 171-01 AND 172-01

Ref. No.	Part No.	Description	No. Req'd.
1	1719165	Steering Wheel Cap	1
2	1121509	Hex Nut 3/8-16	13
3	1100243	Lockwasher 3/8	31
4	1107383	Flat Washer 3/8	16
5	1719164	Steering Wheel	1
6	1709137	Seat Assembly	1
7	1715647	Seat Cushion	1
8	1717221	Fender	1
9	1713415	Seat Support	1
10	1713820	Fender Bracket	1
11	1713472	P.T.O. Lever Quadrant	1
12	1715685	Plastic Grip	1
13	1716634	P.T.O. Control Rod Assy	1
14	1704692	Drive Pin 1/8 x 1	5
15	1120210	Drive Pin 3/16 x 1	1
16	1715680	Torsion Spring	1
17	1713391	Compression Spring	1
18	1706782	Bowed Washer	1
19	1702646	Flat Washer - Special	As Req.
20	1185647	Nylon Bearing	2
21	1717258	Steering Support	1
22	1717263	Bearing	1
23	1713122	Bowed Washer	1
24	1717269	Steering Shaft	1
25	1104436	Woodruff Key 3/16 x 3/4	1
26	1714146	Ammeter (Model 172-01)	1
27	1717589	Choke Control (Incl. 228)	1
28	1717249	Instrument Panel	1
29	1717599	Rubber Pad	1
30	1717220	Hood and Grille Assy	1
31	1717262	Lens	2
32	1717264	Clip	6
33	1185747	Rivet	6
34	1185748	Wave Washer	6
35	1185746	Spring Clip	6
36	1717551	Hole Plug (Model 171-01)	1
37	1717255	Ignition Switch (Incl. 223)	1
38	1717590	Throttle Control (Incl. 227)	1
39	1717588	Lead Assy (Model 171-01)	1
40	1717259	Rear Panel	1
41	1717358	Heat Shield	1
42	1717246	Hinge	1
43	1106940	Hex Hd Capscrew 3/8-16 x 3	8
44	1717395	Lead Assy (Model 172-01)	1
45	1708287	Voltage Regulator (Model 172-01)	1
46	1115931	Phillips Screw 1/4-20 x 5/8	13
47	1100241	Lockwasher 1/4	13
48	1121507	Hex Nut 1/4-20	13
49	1717266	Lead Assy (Model 172-01)	1
50	1709173	Solenoid (Model 172-01)	1
51	1717232	Latch	2
52	1106872	Hex Head Capscrew 5/16-18 x 5/8	19
53	1100242	Lockwasher 5/16	34
54	1107382	Flat Washer 5/16	12
55	1714642	Brace	2
56	1106923	Hex Head Capscrew 3/8-16 x 1-1/4	6
57	1107381	Flat Washer 1/4	2
58	1185456	Tinnerman Nut	2
59	1715679	P.T.O. Control Pivot (Incl. 15)	1
60	1104954	Grease Fitting	7
61	1185586	Nylined Bearings	2

Ref. No.	Part No.	Description	No. Req'd.
62	1717338	Clutch Control Arm Assy	1
63	1713783	Spacer	1
64	1713802	Idler Pulley	1
65	1715546	Control Knob	1
66	1713803	Idler Pulley	1
67	1110108	Lock Nut 3/8-16	9
68	1106930	Hex Head Capscrew 3/8-16 x 1-3/4	9
69	1717347	P.T.O. Control Shaft Assy	1
70	1716717	Parking Brake Rod	1
71	1716590	Support Shaft	1
72	1703066	Drive Pin 1/8 x 3/4	3
73	1716718	Parking Brake Stop	1
74	1100346	Cotter Pin 3/32 x 3/4	7
75	1716716	Spring Bracket Assy	1
76	1716724	Compression Spring	1
77	1185257	Retaining Ring	2
78	1110107	Lock Nut 5/16-18	13
79	1713781	Compression Spring	1
80	1713804	Brake Control Pivot	2
81	1714998	Transmission Assembly	1
82	1714101	Hitch	1
83	1100245	Lockwasher 1/2	2
84	1121511	Hex Nut 1/2-13	2
85	101085	Hub Bolt	6
86	1713461	Mounting Cap	4
87	1106938	Hex Head Capscrew 3/8-16 x 2-3/4	7
88	1713772	Brake Rod Bracket	1
89	1713780	Brake Shoe Assembly (Incl. 224 & 225)	1
90	1717321	Brake Rod Assembly	1
91	1713782	Compression Spring	1
92	1713806	Brake Shoe Rod	1
93	1713760	Brake Shoe Assembly (Incl. 224 - 226)	1
94	1106896	Hex Head Capscrew 5/16-18 x 2-3/4	1
95	1713793	Brake Bracket	1
96	1106893	Hex Head Capscrew 5/16-18 x 2-1/2	6
97	1182563	Hex Nut 5/16-18	26
98	1104333	Square Key 3/16 x 1	1
99	1713670	Shaft Coupling	1
100	1110818	Knurled Socket Head Capscrew 5/16-18 x 3/4	4
101	1716561	Bonded Coupling	1
102	1713794	Brake Drum	1
103	1100277	Woodruff Key 3/16 x 7/8	1
104	1182554	Setscrew 5/16-18 x 5/16	2
105	1800417	Lock Collar	1
106	1800418	Bearing Flange	2
107	1103437	Setscrew 1/4-20 x 1/4	1
108	1111265	Carriage Bolt 5/16-18 x 3/4	9
109	1800757	Bearing Only	1
110	1713395	Bearing Support	1
111	1713686	Bracket	1
112	1714893	Pulley	1
113	1713830	Starter-Generator (Model 172-01)	1
114	1717349	Wiring Assy (Model 172-01)	1
115	1716636	Ground Lead Assy (Model 172-01)	1
116	1717854	Clamp Wire (Model 172-01)	2

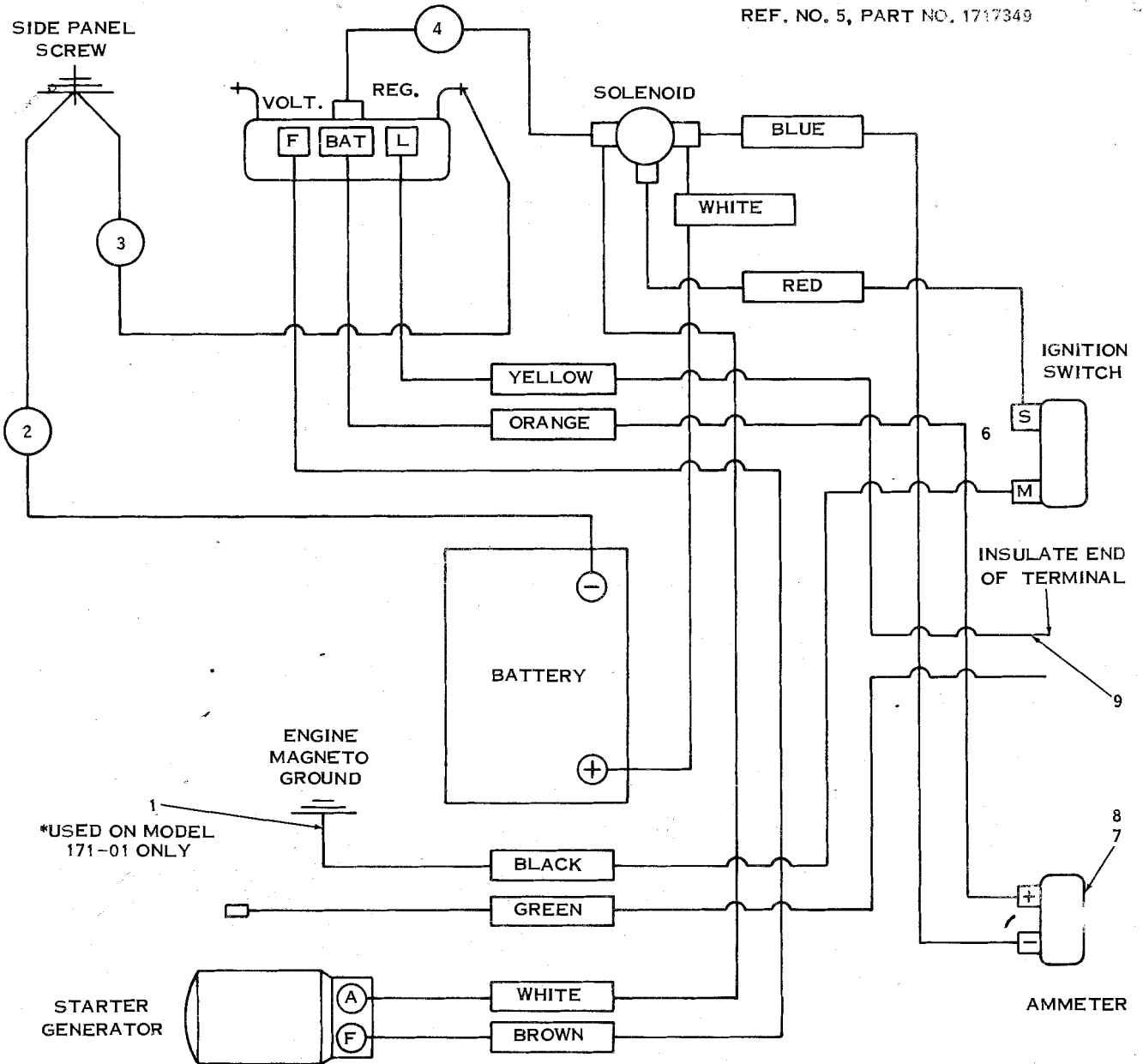
## TRACTOR ASSEMBLY MODELS 171-01 AND 172-01

Ref. No.	Part No.	Description	No. Req'd.
117	1713855	Pulley (Model 172-01)	1
118	1713533	V-Belt 33 7/16 (Model 172-01)	1
119	1716630	Battery (Model 172-01)	1
120	1709652	Locking Wing Nut 1/4-20 (Model 172-01)	2
121	1718108	Battery Clamp (Model 172-01)	2
122	1718111	Battery Carrier (Model 172-01)	1
123	1718109	Battery Clamp (Model 172-01)	2
124	1118378	Round Head Slotted Screw 5/16-18 x 1/2 (Model 172-01)	4
125	1185498	Speed Nut 5/16-18 (Model 172-01)	1
126	1713394	Cover Plate	1
127	1717339	Belt Guide Rod	1
128	1717340	Belt Guide Assembly	1
129	1713790	Spacer	9
130	1714219	Belt Guide Bracket	1
131	1717236	Hood Stop Assembly	1
132	1705905	Bowed Washer	2
133	1719471	Hood Stop Bracket	1
134	1713795	Brake Rod	1
135	1103470	Setscrew 5/16-18 x 1/2	2
136	1717336	Engine Pulley	1
137	1187474	Square Key 1/4 x 2-1/4	1
138	1114748	Round Head Machine Screw #10-32 x 1/2	3
139	1100240	Lockwasher #10	3
140	1713784	Cable Support Bracket	1
141	1106903	Hex Head Capscrew 5/16-18 x 4	4
142	1713714	P.T.O. Belt 43"	1
143	1713716	V-Belt - 35"	1
144	1717332	Right Hand Tube Frame	1
145	1717333	Left Hand Tube Frame	1
146	1710201	Ball Joint	1
147	1717362	Clutch Rod	1
148	1106840	Hex Head Capscrew 1/4-20 x 1	2
149	1717372	Clutch Pedal	1
150	1705092	Flat Washer	3
151	1717267	Lug	1
152	1711380	Expansion Plug	2
153	1106921	Hex Head Capscrew 3/8-16 x 1-1/8	3
154	1715575	Tool Lift Grip	1
155	1714644	Tool Lift Plunger	1
156	1714233	Nylon Bushing	1
157	1713075	Compression Spring	1
158	1714645	Rod	1
159	1713788	Belt Guide	1
160	1713789	Belt Guide	1
161	1717315	Mounting Plate Assembly	1
162	1185558	Sleeve Bearing	2
163	1713483	Foot Rest	2
164	1713474	Foot Rest Spacer	2
165	1713397	Support Bar	1
166	1708012	Flat Washer	1
167	1185284	Drive Pin 1/4 x 2	1
168	1713811	Steering Pinion	1
169	1713809	Steering Gear	1
170	1714840	Cross Shaft	1
171	1716563	Steering Arm	1
172	1714577	Tool Handle Assembly	1
173	1703011	Spring Cotter	1

Ref. No.	Part No.	Description	No. Req'd.
174	1714132	Clutch Tip	2
175	1714900	Tool Lift Assembly	1
176	1107035	Hex Hd Capscrew 1/2-13 x 2	1
177	1185496	Jam Lock Nut 1/2-13	1
178	1185550	Setscrew 3/8-16 x 5/16	2
179	1717348	Pulley	1
180	1104436	Woodruff Key 3/16 x 3/4	1
181	1715563	Shaft - P.T.O.	1
182	1185224	Seal	1
183	1185010	Needle Bearing	1
184	1715785	Support Housing	1
185	1717270	Axle Support	1
186	1717334	Belt Guide - P.T.O.	1
187	1106880	Capscrew 5/16-18 x 1-1/8	2
188	1185649	Retaining Ring	2
189	1185432	Thrust Race	6
190	1185605	Ball Bearing	1
191	1118730	Retaining Ring	1
192	1185232	Roll Pin 3/16 x 1-1/4	2
193	1713383	Axle Pivot	1
194	1713361	Ball Joint	2
195	1103926	Hex Jam Nut 1/2-20	2
196	1713385	Tie Rod	1
197	1713377	Steering Lever Assy, L.H.	1
198	1891696	Drive Pin 5/16 x 1-1/2	2
199	1110152	Self Locking Nut 1/2-20	3
200	1716697	Front Axle	1
201	1716953	Spindle Assembly, L.H.	1
202	1713378	Steering Lever Assy, R.H.	1
203	1717462	Drag Link	1
204	1110152	Lock Nut 1/2-20	1
205	1716952	Spindle Assembly, R.H.	1
206	1718425	Wheel & Tubeless Tire Assy	2
207	1717587	Durex Bearing	4
208	1713018	Wheel Disc	2
209	1718291	Tubeless Tire - 4.80/4.00x8	2
210	1715855	Valve Stem Tubeless Tire	2
211	1716197	Wheel Retaining Collar	2
212	1187857	Hex Soc Capscrew 1/4-20 x 1	2
213	1715899	Dust Cap	2
214	1185551	Lockscrew 3/8-16 x 3/16	2
215	1718180	Plug (Model 171-01)	1
216	1700953	Wheel Only	2
217	1713002	Tire 6 - 12	2
218	1716011	Valve Stem	2
219	1712904	Wheel & Tire Assy (216 - 218)	2
220	1717343	Drive Shaft	1
221	1713390	Spring	1
222	1713795	Brake Rod	1
223	1718266	Key Only	1
224	1185248	Rivet	4
225	1713777	Lining Only	1
226	1713751	Lining Only	1
227	1718232	Wire & Knob Only	1
228	1718233	Wire & Knob Only	1
229	1716778	Spacer	1
230	1109529	Nut 3/8-24	1
231	1185588	Sleeve Bearing	1
232	1718268	Hood Bracket	1
233	1106934	Capscrew 3/8-16 x 2-1/4	1
234	1106886	Capscrew 5/16-18 x 1-3/4	2
235	1100350	Cotter Pin 118 x 1	2
236	1719514	Open Type Clip	1
237	1109845	Hex Nut #10-32	1

WIRING DIAGRAM MODELS 171-01 AND 172-01

NOTE:  
WIRES DESIGNATED BY COLOR ONLY  
ARE CONTAINED IN WIRING HARNESS  
REF. NO. 5, PART NO. 1717349



\*REF. NO. 1, PART NO. 1717588 LEAD ASSEMBLY, WIRING USED ON MODEL 171-01 ONLY.

Ref. No.	Part No.	Description	No. Req'd.
1	1717588	Lead Assembly	1
2	1716636	Lead Assembly (Ground)	1
3	1717266	Lead Assembly	1
4	1717395	Lead Assembly	1
5	1717349	Wiring Assembly	1

Ref. No.	Part No.	Description	No. Req'd.
6	1717255	Ignition Switch	1
7	1714146	Ammeter (Model 172-01)	1
8	1718180	Plug (Model 171-01)	1
9	1717551	Plug (Model 171-01)	1