

BOLENS

HUSKY TRACTOR

MODELS 188-01 & 02

AND

MODELS 189-01 & 02

ILLUSTRATED PARTS CATALOG



BOLENS DIVISION

PORT WASHINGTON, WISCONSIN

America's Finest Outdoor Power Equipment

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1-65

TRANSMISSION ASSEMBLY MODELS 188-01 & 02 AND MODELS 189-01 & 02

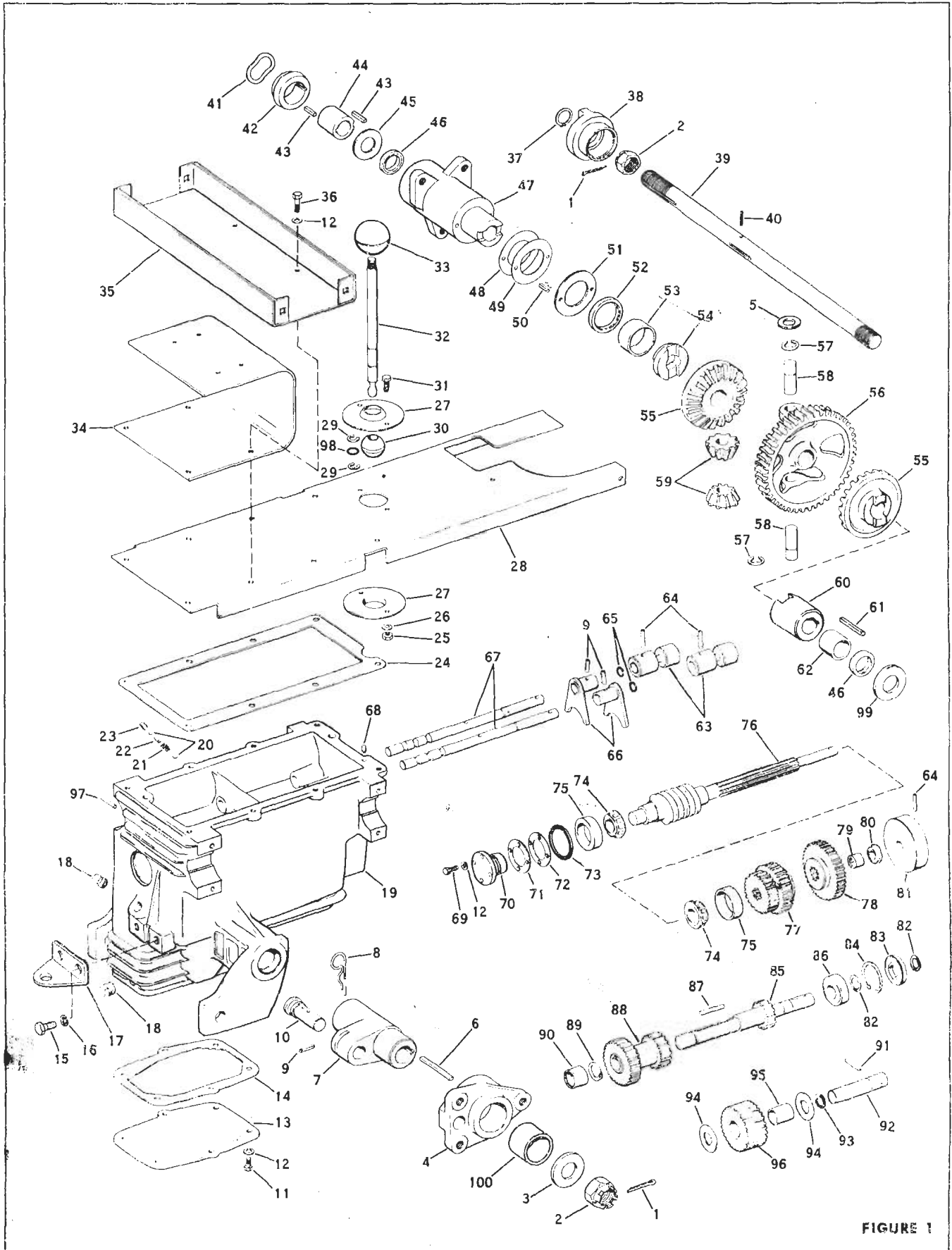


FIGURE 1

TRANSMISSION ASSEMBLY MODELS 188-01 & 02 AND MODELS 189-01 & 02

Ref. No.	Part No.	Description	No. Req'd.
1	1100352	Cotter Pin 1/8 x 1-1/2	2
2	1120129	Hex Nut 1-14	2
3	1716741	Flat Washer	1
4	1716694	Free Wheeling Hub	1
5	1712763	Washer	4
6	1703053	Sq. Key 1/4 x 2-3/4	1
7	1715725	Drive Collar	1
8	1185590	Hitch Pin	1
9	1703066	Drive Pin 1/8 x 3/4	3
10	1713426	Lock Pin	1
11	1106872	Capscrew 5/16-18 x 5/8	6
12	1100242	Lockwasher 5/16	20
13	1713428	Cover	1
14	1713427	Gasket	1
15	1106985	Capscrew 1/2-13 x 1	2
16	1100245	Lockwasher 1/2	2
17	1714101	Hitch	1
18	1105678	Pipe Plug	2
19	1713465	Gear Case	1
20	1713416	Ball	2
21	1713417	Spring	1
22	1713421	Pin	1
23	1185342	Set Screw 5/16-18 x 3/8	1
24	1713429	Gasket	1
*25	1103838	Hex Nut 1/4-20	2
*26	1100241	Lockwasher 1/4	2
*27	1713455	Bearing Retainer	2
*28	1713430	Cover Plate	1
*29	1118804	Retaining Ring	2
*30	1713423	Pivot Ball	1
*31	1106832	Capscrew 1/4-20 x 5/8	2
*32	1713420	Shifter Lever	1
*33	1715651	Knob	1
*34	1713415	Seat Support (188)	1
*35	1713820	Fender Support (188)	1
*36	1106876	Capscrew 5/16-18 x 7/8	8
37	1180025	Retaining Ring	1
38	1714564	Adjusting Nut	1
39	1714567	Rear Axle	1
40	1713432	Drive Pin 3/16 x 1-1/4	1
41	1714572	Spring Washer	4
42	1714562	Drive Cone	1
43	1104336	Sq. Key 1/4 x 1	2
44	1714561	Coupling	1
45	1713468	Thrust Washer	1
46	1185295	Oil Seal	2
47	1716702	Wheel Hub	1
48	1714558	Shim - .020	As Req.
49	1714559	Shim - .005	As Req.
50	1713457	Drive Pin	2

Ref. No.	Part No.	Description	No. Req'd.
51	1714557	Thrust Bearing	1
52	1185426	Oil Seal	1
53	1714571	Bronze Bearing	1
54	1714565	Coupling	1
55	1714917	Bevel Gear	2
56	1713411	Worm Wheel	1
57	1177567	Retaining Ring	2
58	1713467	Pinion Shaft	2
59	1713466	Bevel Pinion	2
60	1714566	Drive Hub	1
61	1104337	Sq. Key 1/4 x 1-1/2	1
62	1185300	Bronze Bearing	1
63	1713422	Connector	2
64	1704692	Roll Pin 1/8 x 1	3
65	1177388	O-Ring	2
66	1716489	Shifter Arm	2
67	1713424	Shifter Shaft	2
68	182682	Breather	1
69	1106878	Capscrew 5/16-18 x 1	4
70	1714290	Bearing Retainer	1
71	1714291	Shim - .010	As Req.
72	1714292	Shim - .003	As Req.
73	1185572	O-Ring	1
74	1185275	Bearing Cone	2
75	1185276	Bearing Cup	2
76	1713408	Worm Shaft	1
77	1713439	Sliding Gear	1
78	1713409	Gear	1
79	1185165	Needle Bearing	1
80	1891820	Oil Seal	1
81	1713597	Brake Drum	1
82	1118809	Retaining Ring	2
83	1185352	Oil Seal	1
84	1700012	Retaining Ring	1
85	1713442	Shaft	1
86	1104440	Ball Bearing	1
87	1108841	Sq. Key 3/16 x 1-1/2	1
88	1713436	Gear and Shaft	1
89	1113527	Retaining Ring	1
90	1185280	Needle Bearing	1
91	1185232	Drive Pin 3/16 x 1-1/4	1
92	1713419	Shaft	1
93	1185360	O-Ring	1
94	1707546	Flat Washer	2
95	1185113	Bronze Bearing	1
96	1713412	Gear	1
97	1120209	Drive Pin 3/16 x 3/4	1
*98	1706782	Bowed Washer	1
99	1711786	Thrust Bearing	1
100	1185646	Bearing	2

*Indicates Parts not Included with Gear Case Assembly Part No. 1714999.

TRACTOR ASSEMBLY MODELS 188-01 & 02 AND MODELS 189-01 & 02

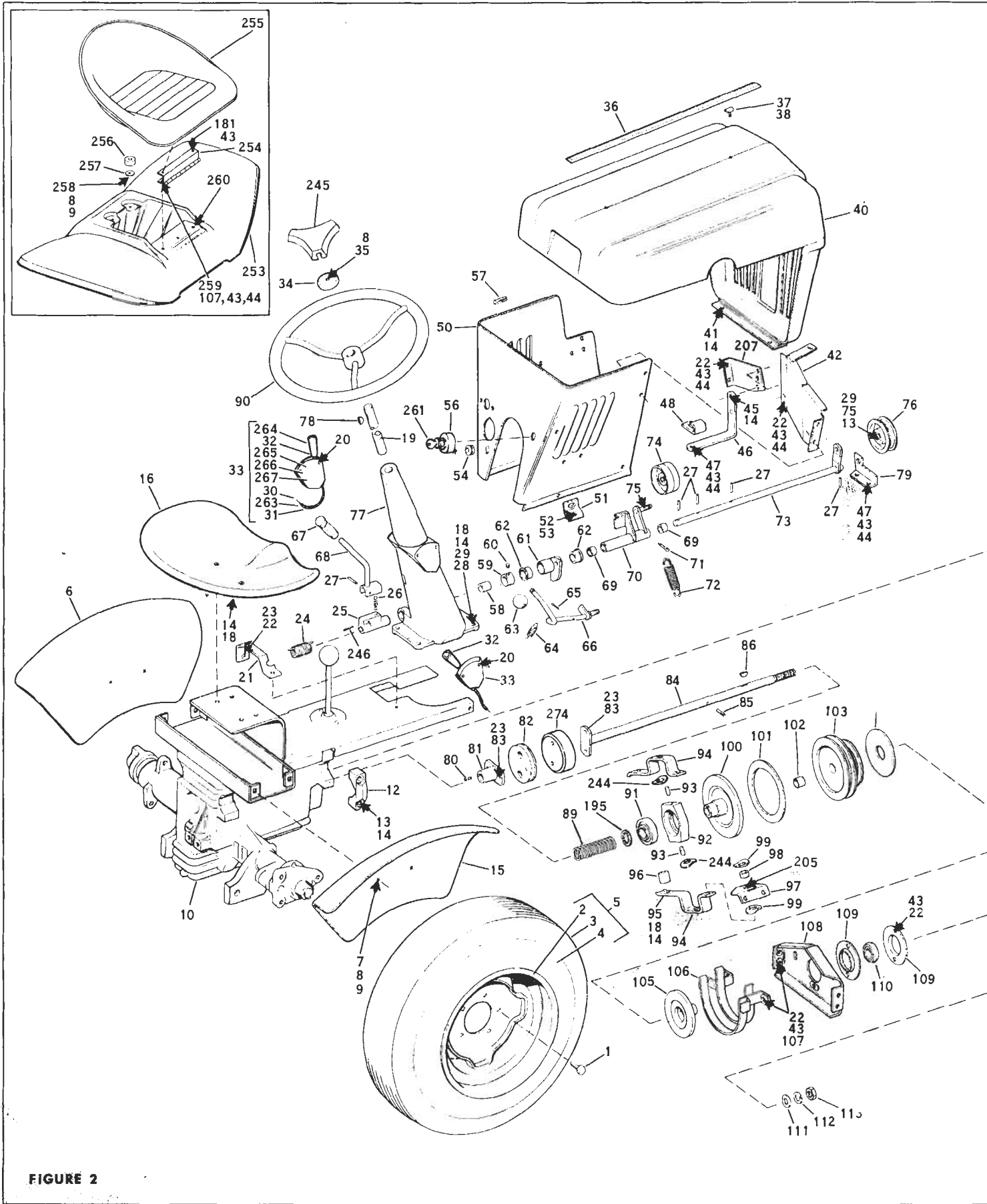


FIGURE 2

TRACTOR ASSEMBLY MODELS 188-01 & 02 AND MODELS 189-01 & 02

Ref. No.	Part No.	Description	No. Req'd.
1	101085	Hub Bolt	6
2	1700953	Wheel Only (188)	2
	1715787	Wheel Only (189)	2
3	1713002	Tire 6-12 (188)	2
	1715856	Tire - Tubeless 8 x 12 (189)	2
4	1701475	Tube 6-12 (188)	2
	1716011	Valve Stem Assy (189)	2
5	1712904	Wheel - Tube & Tire Assy (188)	2
	1715866	Wheel & Tubeless Tire Assy (189)	2
6	1716648	Fender - L.H. (188)	1
7	1111250	Carriage Bolt 1/4-20 x 1/2	4
8	1100241	Lockwasher 1/4	14
9	1103838	Hex Nut 1/4-20	12
10	1714999	Transmission Assy	1
11	1106921	Capscrew 3/8-16 x 1-1/8	3
12	1713461	Mounting Cap	4
13	1106930	Capscrew 3/8-16 x 1-3/4	9
14	1100243	Lockwasher 3/8	35
15	1716649	Fender - R.H. (188)	1
16	1709137	Seat (188)	1
17	1703616	Bowed Washer	1
18	1103840	Hex Nut 3/8-16	18
19	1713386	Steering Shaft	1
20	1100135	Rd. Hd. Screw 10-24 x 1	4
21	1713472	Quadrant - Power Take Off	1
22	1106872	Capscrew 5/16-18 x 5/8	16
23	1110107	Lock Nut 5/16-18	12
24	1715680	Spring	1
25	1716239	Pivot (Inc. 246)	1
26	1713391	Spring	1
27	1704692	Roll Pin 1/8 x 1	5
28	1106923	Capscrew 3/8-16 x 1-1/4	6
29	1107383	Flat Washer 3/8	14
30	1715573	Wire	2
31	1715572	Wire Housing	2
32	1715794	Knob Only	2
33	1715729	Control Lever Assy	2
34	1713147	Washer (188)	1
	1716233	Washer (189)	1
35	1118309	Rd. Hd. Screw 1/4-20 x 1/2 (188)	1
	1185622	Rd. Hd. Screw 1/4-20 x 1/2 (189)	1
36	1714875	Moulding Strip	1
37	1185599	Sq. Neck Screw 10-24 x 3/8	2
38	1185600	Washer Nut 10-24	2
39	1720256	Lock Washer #10	1
41	1106940	Capscrew 3/8-16 x 3	8
42	1714676	Heat Shield	1
43	1100242	Lockwasher 5/16	27
44	1103839	Hex Nut 5/16-18	16
45	1106919	Capscrew 3/8-16 x 1	2
46	1714709	Belt Guide	2
47	1106874	Capscrew 5/16-18 x 3/4	6
48	1714615	Belt Guide	2
49	1187857	Set Screw 1/4-20 x 1	2
50	1714670	Rear Panel	1
51	1714642	Brace	2
52	1110685	Slotted Screw 1/4-20 x 5/8	2
53	1185456	Tinnerman Nut	2
54	1185585	Flip Grommet	1

Ref. No.	Part No.	Description	No. Req'd.
55	1715899	Dust Cap	2
56	1713255	Ignition Switch (Incl 261)	1
57	1185400	Roll Pin 5/16 x 1-1/4	2
58	1185581	Sleeve Bearing	1
59	1714595	Set Collar	1
60	1112859	Set Screw 5/16-18 x 5/16	1
61	1714608	Quadrant Stop	1
62	1185035	Flange Bushing	2
63	1715546	Control Knob	1
64	1701495	Spring	1
65	1100346	Cotter Pin 3/32 x 3/4	10
66	1714586	Speed Change Lever	1
67	1715644	Control Grip	1
68	1713524	Power Take Off Lever	1
69	1185586	Bushing	2
70	1714590	Control Arm	1
71	1185096	Cotter Pin 3/16 x 1-1/4	1
72	1700401	Spring	1
73	1714589	Control Shaft	1
74	1714708	Idler Pulley	1
75	1110108	Lock Nut 3/8-16	14
76	1713803	Idler Pulley	1
77	1713628	Steering Support	1
78	1100276	Woodruff Key 1/4 x 7/8	1
79	1714614	Control Support	1
80	1104333	Sq. Key 3/16 x 1	1
81	1713670	Shaft Coupling	1
82	1716561	Bonded Coupling	1
83	1110818	Set Screw 5/16-18 x 3/4	4
84	1715710	Drive Shaft	1
85	1713432	Drive Pin 3/16 x 1-1/4	1
86	1200033	Woodruff Key 3/16 x 3/4	1
87	1713474	Foot Rest Spacer	2
88	1713483	Foot Rest	2
89	1714649	Spring	1
90	1712906	Steering Wheel	1
91	1704479	Ball Bearing	1
92	1714639	Bearing Retainer	1
93	1110202	Dowel Pin	2
94	1714666	Clutch Yoke	2
95	1106927	Capscrew 3/8-16 x 1-1/2	2
96	1714665	Spacer	1
97	1714656	Yoke Support	1
98	1714664	Spacer	1
99	1713122	Bowed Washer	2
100	1716074	Clutch Flange	1
101	1714630	Friction Disc	1
102	1185583	Sleeve Bearing	2
103	1716377	Pulley (Inc. 101 & 104)	1
104	1714631	Friction Disc	1
105	1714633	Clutch Flange	1
106	1714596	Belt Guide	1
107	1107382	Flat Washer 5/16	16
108	1714651	Support	1
109	1185588	Bearing Flange	2
110	1185587	Self Aligning Bearing	1
111	1107386	Flat Washer 5/8	1
112	1100247	Lockwasher 5/8	1
113	1100215	Hex Nut 5/8-18	1
114	1713383	Axle Pivot	1
115	1185232	Roll Pin 3/16 x 1-1/4	2
116	1713482	Axle Support	1
117	1118730	Retaining Ring	1
118	1113527	Retaining Ring	2
119	1185224	Seal	1

TRACTOR ASSEMBLY MODELS 188-01 & 02 AND MODELS 189-01 & 02 (CONT)

Ref. No.	Part No.	Description	No. Req'd.
120	1185605	Ball Bearing	1
121	1185432	Thrust Race	2
122	1185010	Needle Bearing	1
123	1715785	Support Housing	1
124	1104954	Grease Fitting	1
125	1714549	Belt Guide	1
126	1106880	Capscrew 5/16-18 x 1-1/8	2
127	1715563	Shaft	1
128	1104436	Woodruff Key 3/16 x 3/4	1
129	1714555	Pulley	1
130	1185550	Set Screw 3/8-16 x 5/16	2
131	1714575	Tool Lift	1
132	1107035	Capscrew 1/2-13 x 2	1
133	1185496	Jam Nut 1/2-13	1
134	1703011	Spring Cotter	1
135	1714645	Rod	1
136	1715575	Grip	1
137	1714644	Plunger	1
138	1713075	Spring	1
139	1714233	Bushing	1
140	1714577	Lift Handle	1
141	1705092	Flat Washer	3
142	1716563	Steering Arm	1
143	1714840	Cross Shaft	1
144	1185558	Sleeve Bearing	2
145	1713809	Steer Gear	1
146	1713811	Steering Pinion	1
147	1185284	Roll Pin 1/4 x 2	1
148	1708012	Flat Washer	1
149	1713397	Cross Bar	1
150	1714650	Mounting Plate	1
151	1711380	Expansion Plug	2
152	1714628	Tube Frame - R.H.	1
153	1714629	Tube Frame - L.H.	1
154	1185570	Rivet	4
155	1713777	Brake Shoe	1
156	1713780	Brake Shoe Assy (Inc. 154 & 155)	1
157	1703066	Roll Pin 1/8 x 3/4	2
158	1713772	Bracket	1
159	1716430	Brake Rod	1
160	1185582	Sleeve Bearing	1
161	1714624	Clutch Pedal	1
162	1714667	Brake Rod	1
163	1714663	Pivot Block	1
164	1714186	Brake Rod Bracket	1
165	1714767	Fuel Tank (Incl. 166)	1
166	1714766	Fuel Tank Cap	1
167	1714685	Tank Strap	1
168	1714687	Tank Strap	1
169	1703896	Shut Off Valve	1
*170		Engine	1
171	1106942	Capscrew 3/8-16 x 3-3/4	4
172	1714648	Spacer	4
173	1713394	Plate	1
174	1714720	Spacer	1
175	1714643	Throttle Bracket	1
176	1714721	Spacer	1
177	1713801	Throttle Clamp	1
178	1114755	Rd. Hd. Screw 10-32 x 5/8	1
179	1187474	Sq. Key 1/4 x 2-1/4	1
180	1714672	Engine Pulley	1
181	1103470	Set Screw 5/16-18 x 1/2	2

Ref. No.	Part No.	Description	No. Req'd.
182	1714641	Bracket	1
183	1714640	Hood Rod	1
184	1713791	Spring	1
185	1713808	Bracket	1
186	1705810	Clevis Pin	1
187	1100349	Cotter Pin 1/8 x 3/4	1
188	1185551	Lock Screw 3/8-16 x 3/8	2
189	1106832	Capscrew 1/4-20 x 5/8	1
190	1715740	Power Take Off Belt - 42-7/8"	1
191	1715006	Drive Belt - 34"	2
192	1714132	Rubber Tip	2
193	1714611	Quadrant	1
194	1714710	Belt Guide	1
195	1113526	Retaining Ring	1
196	1106938	Capscrew 3/8-16 x 2-3/4	7
197	1114474	Fillister Screw 1/4-20 x 1-1/2	2
198	1714723	Clutch Rod	1
199	1108887	Jam Nut 3/8-16	2
200	1714655	Spring	1
201	1714841	Spacer	1
202	1107036	Capscrew 1/2-13 x 2-1/4	1
203	1100245	Lockwasher 1/2	1
204	1103841	Hex Nut 1/2-13	1
205	1185584	Cotter Pin 3/16 x 3/4	1
206	1100350	Cotter Pin 1-8 x 1	2
207	1714675	Panel Brace	1
208	1106852	Capscrew 1/4-20 x 2	1
209	1106834	Capscrew 1/4-20 x 3/4	4
210	1714690	Generator Drive Belt 31-31/32"	1
211	1709652	Wing Nut 1/4-20	2
212	1714619	Battery Clamp	1
213	1716072	Battery	1
214	1714620	Hook Bolt	2
215	1714618	Battery Carrier	1
216	1106870	Capscrew 5/16-18 x 1/2	4
217	1714146	Ammeter	1
218	1714717	Lead Wire (Switch to Ammeter)	1
219	1713595	Starter Switch	1
220	1714718	Wiring Assy	1
221	1708287	Voltage Regulator	1
222	1716169	Starter - Generator	1
223	1714713	Lead Wire (Bat. to Switch)	1
224	1714715	Lead Wire (Bat. to Ground)	1
225	1708293	Generator Pulley	1
226	1716315	Mounting Bracket	1
227	1714688	Adjusting Strap	1
228	1106876	Capscrew 5/16-18 x 7/8	4
229	1105878	Capscrew 5/16-18 x 1	2
230	1106830	Capscrew 1/4-20 x 1/2	2
231	1110152	Lock Nut 1/2-20	4
232	1103926	Jam Nut 1/2-20	4
233	1713361	Ball Joint	4
234	1714547	Drag Link	1
235	1716079	Spindle - R.H. (188)	1
	1716082	Spindle - R.H. (189)	1
236	1104954	Grease Fitting	5
237	1713480	Front Axle	1
238	1716078	Spindle - L.H. (188)	1
	1716081	Spindle - L.H. (189)	1

* Engine Parts Must be Obtained through Manufacturer's Authorized Service Stations.

TRACTOR ASSEMBLY MODELS 188-01 & 02 AND MODELS 189-01 & 02 (CONT)

Ref. No.	Part No.	Description	No. Req'd.
239	1713377	Steering Lever - L. H.	1
240	1891696	Drive Pin 5/16 x 1-1/2	2
241	1713385	Tie Rod	1
242	1713378	Steering Lever - R. H.	1
243	1716197	Collar	2
244	121900	Bowed Washer	As Req.
245	1716232	Steering Wheel Cap (189)	1
246	1120210	Roll Pin 3/16 x 1	1
247	1715864	Wheel Only (189)	2
	1715789	Wheel Only (188)	2
248	1713744	Tire 4:00 x 8 (188)	2
	1715865	Tire - Tubeless 6:50 x 8 (189)	2
249	1185615	Ball Bearing	2
250	1700495	Tube 4:00 x 8 (188)	2
	1715855	Valve Stem Assy (189)	2
251	1185616	Ball Bearing	2
252	1715786	Wheel - Tire & Tube Assy (188)	2
	1715788	Wheel & Tubeless Tire Assy (189)	2
253	1716199	Rear Fender Assy (189)	1
254	1716669	Seat Hinge (189)	1
255	1716220	Seat (189)	1
256	1715467	Snubber (189)	2
257	1713532	Flat Washer (189)	2

Ref. No.	Part No.	Description	No. Req'd.
258	1100122	Rd. Hd. Screw 1/4-20 x 1 (189)	2
259	1111265	Carriage Bolt 5/16-18 x 3/4	6
260	1100255	Flat Washer 5/16 (189)	4
261	1715055	Key Only	1
262	121898	Thrust Washer	4
263	1716368	Wire Wiper	2
264	1716437	Lever	2
265	1716438	Cover	2
266	1716442	Fiber Washer	2
267	1716443	Screw	2
268	1110107	Brake Adj. Nut	1
269	1713804	Control Pivot	1
270	1713782	Spring	1
271	1713806	Brake Rod	1
272	1713793	Bracket	1
273	1106896	Capscrew 5/16-18 x 2-3/4	1
274	1713794	Brake Drum	1
275	1713751	Lining Only	1
276	1713760	Brake Shoe Assy (Inc. 154 & 275)	1
277	1103204	Screw - H. T.	3
278	1185257	Retaining Ring	1
279	1106893	Capscrew 5/16-18 x 2-1/2	2

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