

1-11

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# ***Bolens***<sup>®</sup>

**Riding Mower**  
With  
**30 Inch, 34 Inch &  
36 Inch Mowers**

## **Models 830 & 831**

Serial Numbers 0200101  
thru 0999999

## **Model 1130**

Serial Numbers 0100101  
thru 0199999

## **Model 1134**

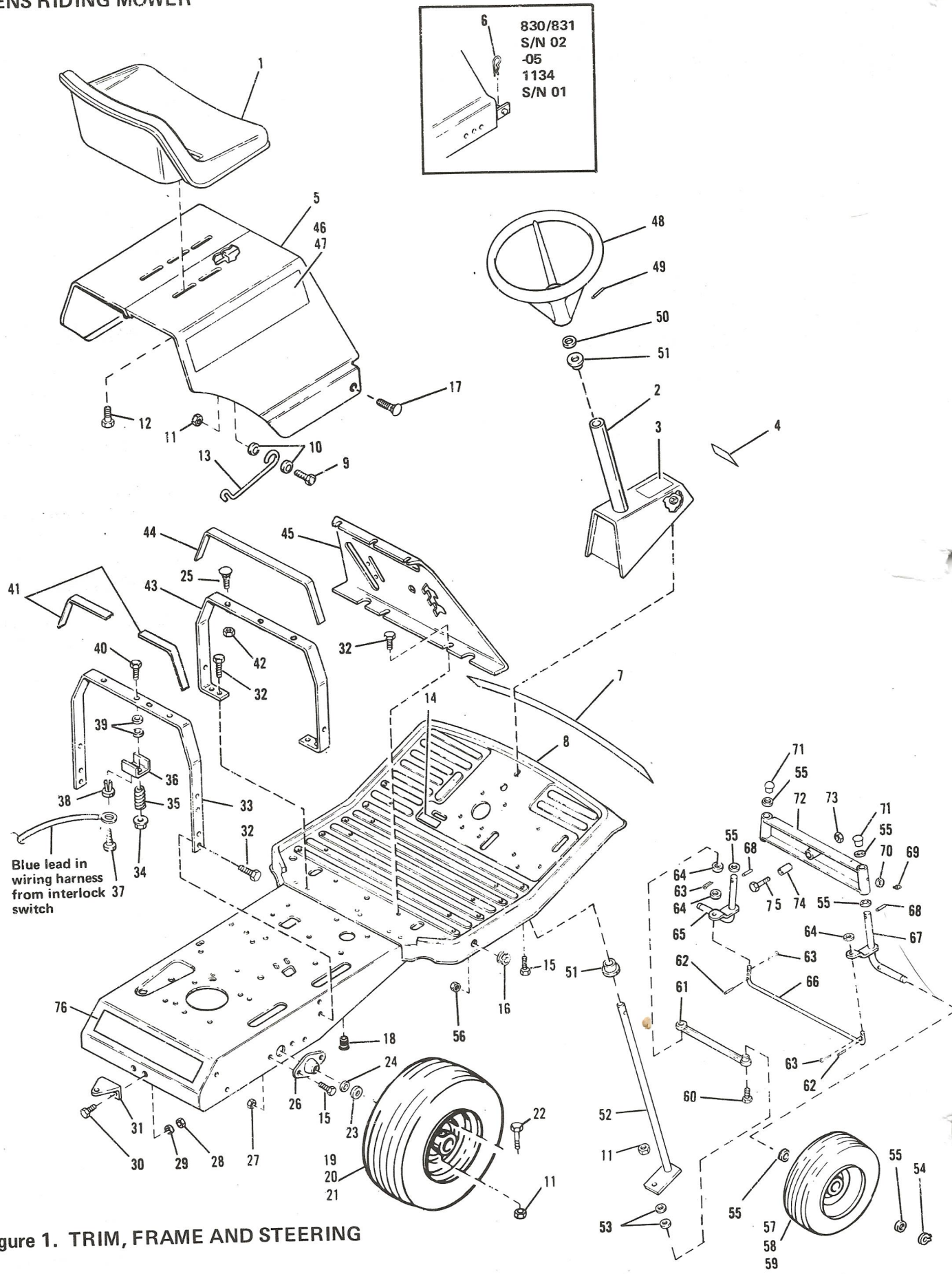
Serial Numbers 0100101  
thru 0499999

## **Model 1136**

Serial Numbers 0100101  
thru 0299999

**Parts List**

# BOLENS RIDING MOWER



MODELS 830, 831, 1130, 1134 AND 1136

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	1735824	Seat .....	1
2	1735885	Column Support Ass'y .....	1
3	1736872	Caution Decal .....	1
4	1736876	Decal (2) thru (6) .....	1
5	1735987	Hood Ass'y (2)(3)(4) .....	1
	1742082	Hood Ass'y (5) .....	1
	1744334	Hood Ass'y (6) thru (9) .....	1
6 •	1100349	Pin 1/8 x 3/4 .....	2
7	1736873	Logo Decal (2) thru (6) .....	1
	1746478	Logo Decal (7)(8)(9) .....	1
8	1736060	Frame Ass'y (2)(3) .....	1
	1742079	Frame Ass'y (4)(5) .....	1
	1744331	Frame Ass'y (6) thru (9) .....	1
9 •	1186331	Flange Screw, 5/16 - 18 x 1 ....	1
10	1705905	Wave Washer .....	2
11 •	1110107	Locknut, 5/16 - 18 .....	3
12 •	1186327	Fl. Screw, 5/16 - 18 x 1/2 .....	4
13	1736162	Hood Support .....	1
14	1736784	Brake Decal (2)(3) .....	1
	1739763	Brake Decal (4) thru (9) .....	1
15 •	1186329	Fl. Screw, 5/16 - 18 x 3/4 .....	4
16	1725702	Flip Grommet .....	2
17	1186128	Carr. Bolt 3/8 - 16 x 1 (6) thru (9) .....	2
18	1735781	Rubber Tip .....	2
19	1718086	Valve Ass'y .....	2
20	1730204	Wheel Only (830/831) .....	2
	1742387	Wheel Only (1130)(1134)(1136) .....	2
21	1726307	Tire, 16/6.50 x 8 (830/831) .....	2
	1742388	Tire 16 x 7.50 x 8 (1134)(1130) (1136) .....	2
22	1723995	Hex Screw, 5/16 - 18 x 2 .....	2
23	1736184	Space (830/831) .....	2
24	1700821	Thrust Washer .....	AR
25 •	1186128	Carr. Bolt 5/16 - 18 x 1 .....	3
26	1715941	Pillow Block Bearing (2)(3) ....	2
	1741143	Pillow Block Bearing (4) thru (9) .....	2
27 •	1186391	Flange Nut, 5/16 - 18 .....	4
28 •	1186261	Hex Nut, 1/2 - 13 .....	2
29 •	1100245	Flat Washer, 1/2 .....	2
30 •	1100054	Hex Screw, 1/2 - 13 x 1 .....	2
31	1736145	Hitch .....	1
32	1724491	Fl. Screw, 5/16 - 18 x 3/4 .....	10
33	1735924	Rear Hood Support .....	1
34	1734398	Lock Nut, 1/4 - 20 .....	1
35	1713167	Compression Spring .....	1
36	1736045	Spring Bracket .....	1
37	1736392	Screw, No. 8 - 18 x 5/8 .....	1
38	1736384	Snap Nut, No.8 .....	1
39 •	1107381	Flat Washer, 1/4 .....	2
40 •	1100807	Hex Screw, 1/4 - 20 x 2 .....	1
41	1736393	Seal (2) thru (5) .....	2
42 •	1186391	Flange Nut, 5/16 - 18 .....	3
43	1738673	Front Support Ass'y .....	1
44	1736228	Seal (2) thru (5) .....	1
45	1737042	Control Console (2)(3) .....	1
	1738612	Control Console (4) thru (9) ...	1
46	1736686	R.H. Decal (2) thru (6) .....	1
	1746479	R.H. Decal (7)(8)(9) .....	1
47	1736687	L.H. Decal (2) thru (6) .....	1
	1746480	L.H. Decal (7)(8)(9) .....	1
48	1727418	Steering Wheel .....	1
49	1185279	Roll Pin 1/4 x 2 - 1/4 .....	1

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
50	1708012	Flat Washer .....	1-3
51	1723994	Steering Bearing .....	2
52	1735821	Steering Shaft Ass'y (2) thru (7) .....	1
	1749679	Steering Shaft Ass'y (8)(9) .....	1
53 •	1107382	Flat Washer 5/16 .....	2
54	1185649	Retaining Ring .....	2
55	1708550	Washer .....	8
56 •	1110108	Lock Nut 3/8 - 16 (6) thru (9) ..	2
57	1724159	Wheel Only .....	2
58	1724157	Tire 4.10/3/50 x 4 .....	2
59	1724156	Inner Tube .....	2
60 •	1100808	Hex Screw 5/16 - 18 x 1/1/4 ....	1
61	1735807	Rod End Ass'y (2) thru (5) .....	1
	1742915	Rod End Ass'y (6)(7) .....	1
	1749676	Rod End Ass'y (8)(9) .....	1
62	1704692	Roll Pin 1/4 x 1 .....	2
63 •	1100350	Cotter Pin 1/8 x 1 .....	3
64	1705108	Flat Washer .....	3
65	1735809	L.H. Spindle Ass'y (2) thru (7) ..	1
	1749675	L.H. Spindle Ass'y (8)(9) .....	1
66	1736055	Tie Rod (2) thru (7) .....	1
	1749677	Tie Rod (8)(9) .....	1
67	1735808	R.H. Spindle Ass'y (2) thru (7) ..	1
	1749674	R.H. Spindle Ass'y (8)(9) .....	1
68	1185348	Roll Pin 1/4 x 1-1/4 .....	2
69	1185803	Grease Fitting .....	2
70	1805368	Washer .....	2
71	1726353	Rubber Tip .....	2
72	1723924	Front Axle Ass'y .....	1
73 •	1110110	Locknut, 1/2 - 13 .....	1
74	1723925	Axle Pivot Shaft .....	1
75 •	1100075	Hex Screw 1/2 - 13 x 2 - 1/4 ....	1
76	1736478	Logo Decal (830/831)(2) thru (6) .....	1
	1742076	Logo Decal (1134)(5)(6) .....	1
	1746481	Logo Decal (830/831) (7)(8)(9) ..	1
	1746482	Logo Decal (1134)(7)(1130) (1136) .....	1

Model 830 & 831

- (2) Serial Numbers 0200101 thru 0299999
- (3) Serial Numbers 0300101 thru 0399999
- (4) Serial Numbers 0400101 thru 0499999
- (5) Serial Numbers 0500101 thru 0599999
- (6) Serial Numbers 0600101 thru 0699999
- (7) Serial Numbers 0700101 thru 0799999
- (8) Serial Numbers 0800101 thru 0899999
- (9) Serial Numbers 0900101 thru 0999999

Model 1130

- (7) Serial Numbers 0100101 thru 0199999

Model 1134

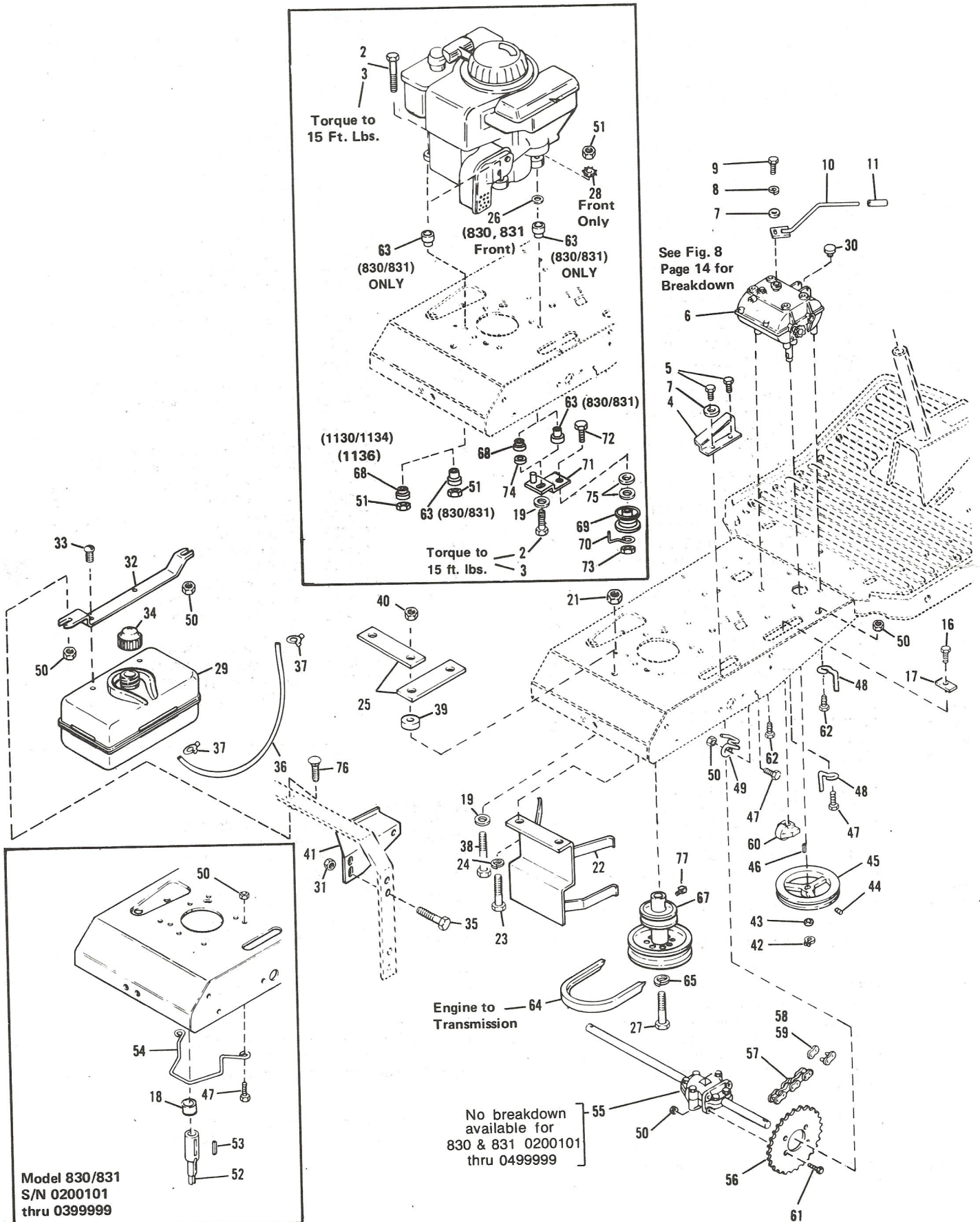
- (5) Serial Numbers 0100101 thru 0199999
- (6) Serial Numbers 0200101 thru 0299999
- (7) Serial Numbers 0300101 thru 0499999

Model 1136

- (7) Serial Numbers 0100101 thru 0199999
- (8)(9) Serial Numbers 0200101 thru 0299999

•Common Hardware - Purchase Locally

# BOLENS RIDING MOWER



**Figure 2. ENGINE, DRIVE, and FRONT AXLE**

**MODELS 830, 831, 1130, 1134 AND 1136**

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	*	Briggs & Stratton Engine Model 190702-1174 (830)(2)(3)	1
	*	Briggs & Stratton Engine Model 190702-1183 (830)(4) thru (9)	1
	*	Briggs & Stratton Engine Model 190707-1166 (831)(2)(3)	1
	*	Briggs & Stratton Engine Model 190707-1182 (831)(4) thru (9)	1
	*	Briggs & Stratton Engine Model 252707-0225	1
2	• 1100779	Hex Screw, 5/16 - 18 x 3/4 (1130/1134/1136)(Front)	2
	• 1100799	Hex Screw, 5/16 - 18 x 1 - 1/2 (1130/1134/1136)(Rear)	2
3	• 1111608	Hex Screw, 5/16 - 18 x 2 - 1/2 (830/831) (Rear & L.H.Front)	3
	• 1111610	Hex Screw, 5/16 - 18 x 3 (830/831) (R.H.Rear)	1
4	1736224	Chain Guard	1
5	1724492	Flange Screw, 1/4 - 20 x 1/2	2
6	**	Transmission (See breakdown page 14)	1
7	• 1107381	Flat Washer, 1/4	2
8	• 1100241	Lockwasher, 1/4	1
9	• 1100002	Hex Screw, 1/4 - 28 x 3/4	1
10	1736894	Shift Handle Assembly	1
11	1715685	Grip	1
16	1724491	Flange Screw, 5/16 - 18 x 3/4	1
17	1736068	Chain Tightening Plate	1
18	1737729	Spacer (830/831)(2)(3)	1
19	• 1107382	Flat Washer 5/16 (830/831)(4) thru (9)	2
20	1726192	Bushing Adaptor (1134)	4
21	• 1186391	Flange Nut 5/16 - 18 (4) thru (9)	2
22	1738997	Belt Guide Ass'y(4)	1
	1742803	Belt Guide Ass'y (5) thru (9)	1
23	• 1724491	Flange Lock Screw 5/16 - 18 x 3/4 (830/831)	2
	• 1103195	Hex Screw 5/16 - 18 x 5/8 (1130/1134/1136)	2
24	• 1100242	Lockwasher 5/16 (5) thru (9)	2
25	1738590	Strap(830/831) (4) thru (9)	2
26	1713233	Flat Washer (830/831) (4) thru (9)	2
27	1738598	Hex Screw 7/16 - 20 x 1 (4) thru (9)	1
28	1110645	External Lock Washer (830/831) (4) thru (9)	1
29	1744862	Fuel Tank (Incl. Ref. No. 34) (4) thru (9)	1
30	1705617	Button (4)(5)(6)	1
31	• 1186389	Flange Nut 1/4 - 20 (4) thru (9)	1
32	1744303	Fuel Tank Bracket (4) thru (9)	1
33	1737969	Fuel Tank Screw (4) thru (9)	1
34	1723473	Fuel Cap (4) thru (9)	1
35	• 1186309	Flange Screw 1/4 - 20 x 5/8 (4) thru (9)	2
36	1738670	Fuel Line (4) thru (9)	1
37	1718185	Hose Clamp (4) thru (9)	2
38	• 1100799	Hex Screw 5/16 - 18 x 1 - 1/2" (830/831) (4) thru (9)	1
39	1891733	Washer (830/831)(4)(5)	4
40	• 1110107	Locknut, 5/16 - 18	1

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
41	1738592	Fuel Tank Support (4) thru (9)	1
42	1118808	Retaining Ring	1
43	• 1107386	Flat Washer, 5/8	1
44	1185596	Set Screw, 5/16 - 18 x 5/16	2
45	1736489	Transmission Sheave	1
46	1104436	Woodruff Key, 3/16 x 3/4	1
47	• 1186329	Flange Screw, 5/16 - 18 x 3/4	2
48	1728938	Guide Belt	2
49	1736046	Chain Guide	1
50	• 1186391	Flange Nut, 5/16 - 18	6
51	• 1732499	Locknut, 5/16 - 18	6
52	1735887	Shaft Extension (2)(3)	1
53	1736052	Key, 1/4 x 1/2, 1 - 1/2 (2)(3)	1
54	1737744	Belt Guide (830/831)(2)(3)	1
55	1742652	Differential Ass'y (2)(3)(4)	1
	**	Differential Ass'y (See breakdown page 15)(5) thru (9)	1
56	1724266	48T Sprocket (2)(3)(4)	1
	1742800	48T Sprocket (5) thru (9)	1
57	1724259	Drive Chain	1
58	0182082	Connector Link	1
59	0182087	Half Link	1
60	1735795	Chain Tightener	1
61	• 1186331	Flange Screw, 5/16 - 18 x 1	4
62	• 1186328	Flange Screw, 5/16 - 18 x 5/8	4
63	1734894	Rubber Mount (830/831)	4
64	1731719	V-Belt 51 9/32"	1
65	• 1100244	Lockwasher 7/16	1
66	• 1100808	Hex Screw, 5/16 - 18 x 1 - 1/4	1
67	1737434	Engine Pulley (1130/1134/1136)	1
	1738229	Engine Pulley (830/831) (4) thru (9)	1
68	1726192	Adapter Bushing (1130/1134 /1136)	2
69	1729440	Idler (7)(8)(9)	1
70	1746668	Belt Guide(7)(8)(9)	1
71	1746670	Idler Support (7)(8)(9)	1
72	• 1100086	Hex Screw 3/8 - 16 x 1 - 3/4 (7) (8)(9)	1
73	• 1110108	Lock Nut 3/8 - 16 (7)(8)(9)	1
74	1711482	Spacer (1130/1134)(7)(8)(9)	1
75	• 1107383	Flat Washer, 3/8 (7)(8)(9)	2
76	• 1186100	Carriage Bolt, 5/16 - 18 x 1	1
77	1738845	Set Screw, 1/4 - 20 x 1/2	2

Model 830 & 831  
 (2) Serial Numbers 0200101 thru 0299999  
 (3) Serial Numbers 0300101 thru 0399999  
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 (6) Serial Numbers 0600101 thru 0699999  
 (7) Serial Numbers 0700101 thru 0799999

Model 1130  
 (7) Serial Numbers 0100101 thru 0199999

Model 1134  
 (5) Serial Numbers 0100101 thru 0199999  
 (6) Serial Numbers 0200101 thru 0299999  
 (7) Serial Numbers 0300101 thru 0499999

Model 1136  
 (7) Serial Numbers 0100101 thru 0199999  
 (8)(9) Serial Numbers 0200101 thru 0299999

\* Purchase parts from your local Briggs & Stratton Outlet (See Engine breakdown page 16)

\*\* Purchase parts from your local Tecumseh, Power Products Outlet

•Common Hardware-Purchase Locally(Grade 5 where applicable)

# BOLENS RIDING MOWER

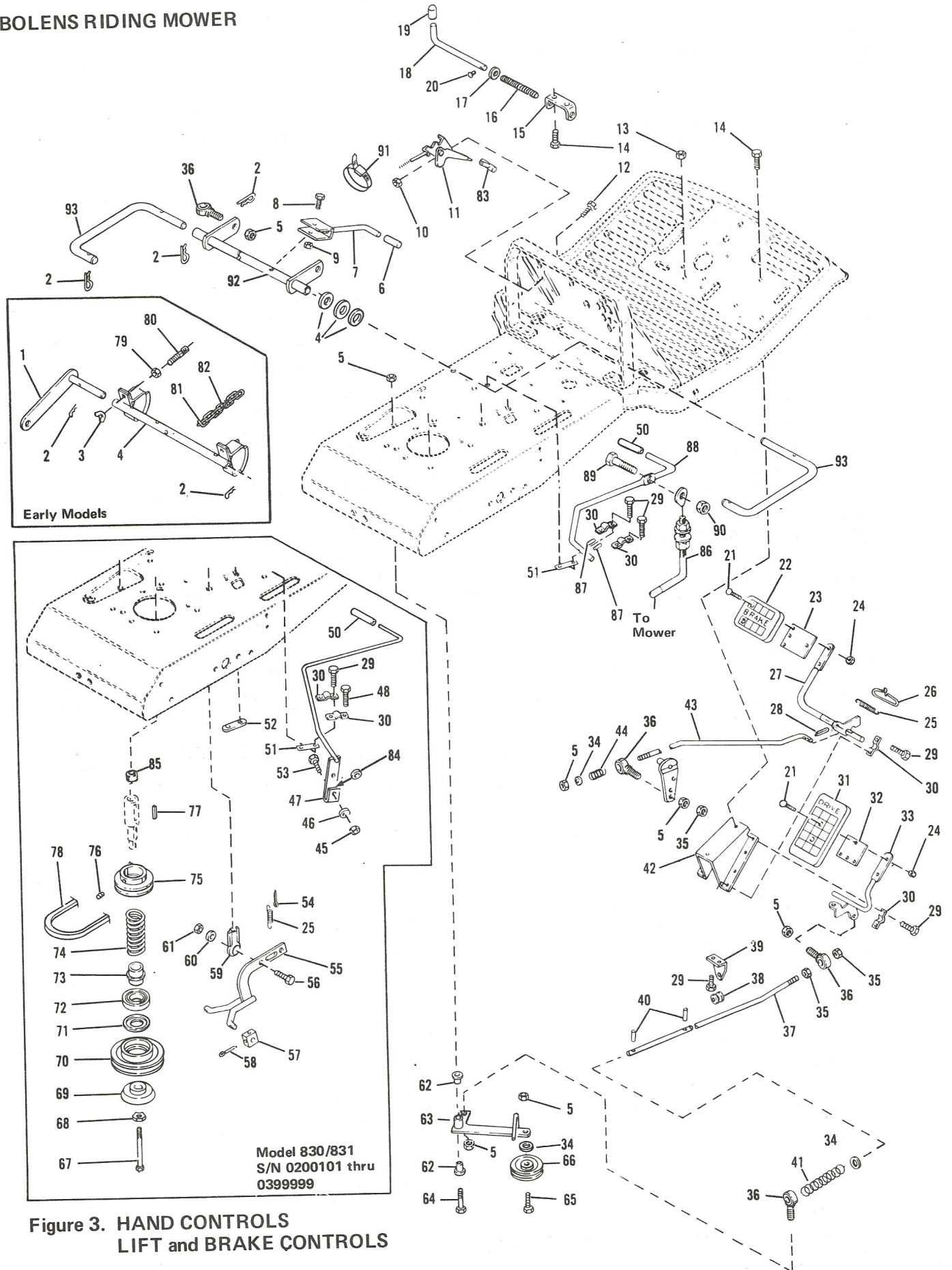


Figure 3. HAND CONTROLS  
LIFT and BRAKE CONTROLS

MODELS 830, 831, 1130, 1134 AND 1136

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	1735780	Lift Link (2)(3)(4)	2
2	1703011	Hitch Pin	4
3	1806192	Wing Nut, 5/16 - 18 (2)(3)(4)	2
4	1735962	Lift Assembly(2)(3)(4)	1
5	1110108	Locknut, 3/8 - 16	8
6	1718534	Handle Grip	1
7	1735837	Lift Handle Ass'y	1
8	1100799	Hex Screw, 5/16 - 18 x 1 - 1/2	1
9	1732499	Lock Nut, 5/16 - 18	1
10	1185985	Keps Nuts, No. 10 - 24	2
11	1736057	Throttle Control (2)(3)	1
	1738672	Throttle Control(4) thru (9)	1
12	1115815	Machine, Screw No. 10 - 24 x 5/8	2
13	1186391	Flange Nut, 5/16 - 18	2
14	1186327	Flange Screw, 5/16 - 18 x 1/2	4
15	1735822	Brake Lock Bracket	1
16	1706930	Compression Spring	1
17	1707397	Washer	1
18	1724305	Brake Lock Rod	1
19	1724230	Grip	1
20	1724751	Drive Screw, No. 8 x 3/8	1
21	1186073	Carriage Bolt, 1/4 - 20 x 1 - 1/4	4
22	1724309	Brake Pedal	1
23	1724418	Spacer	1
24	1186389	Flange Nut, 1/4 - 20	4
25	1892471	Extension Spring	1
26	1724961	Link	1
27	1724298	Brake Lever Ass'y	1
28	1100356	Cotter Pin, 3/32 x 1	4
29	1724492	Flange Screw 1/4 - 20 x 1/2	14
30	1735825	Clamp	6
31	1724310	Clutch Pedal	1
32	1724798	Spacer	1
33	1724300	Clutch Lever Ass'y	1
34	1107383	Flat Washer, 3/8	4
35	1186259	Jam Nut, 3/8 - 16	3
36	1743874	Special Screw	5
37	1727697	Clutch Rod	1
38	1185585	Flip Grommet	1
39	1728935	Bracket	1
40	1185479	Roll Pin, 3/32 x 5/8	2
41	1728908	Compression Spring	1
42	1735827	Support Ass'y	1
43	1729404	Brake Rod	1
44	1728907	Compression Spring	1
45	1110107	Locknut, 5/16 - 18 (2)(3)	1
46	1891733	Washer (2)(3)	1
47	1736058	PTO Lever Ass'y (2)(3)	1
48	1186309	Flange Screw, 1/4 - 20 x 5/8 (2)(3)	2
50	1737041	Handle Grip	1
51	1724208	Strip	2
52	1736188	Twin Nut, 1/4 - 20 (2)(3)	1
53	1724209	Shoulder Bolt (2)(3)	1
54	1100350	Cotter Pin, 1/8 x 1 (2)(3)	1
55	1736164	Lever Ass'y, (2)(3)	1
56	1724928	Hex Screw, 1/2 - 20 x 1 - 5/8 (2)(3)	1

• Common Hardware - Purchase Locally (Grade 5 where applicable)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
57	1724192	Brake Block (2)(3)	2
58	1100352	Cotter Pin, 1/8 x 1 - 1/2 (2)(3)	2
59	1725754	Rod End (2)(3)	1
60	1100245	Lockwasher, 1/2 (2)(3)	1
61	1186214	Hex Nut, 1/2 - 20 (2)(3)	1
62	1715538	Flanged Bearing	2
63	1736220	Idler Arm Ass'y	1
64	1736221	Shoulder Bolt	1
65	1100047	Hex Screw, 3/8 - 16 x 1 - 1/2	1
66	1710567	Idler Pulley	1
67	1734889	Hex Screw, 7/16 - 20 (2)(3)	1
68	1734876	Pyramidal Washer (2)(3)	1
69	1724180	Clutch Ass'y (2)(3)	1
70	1724199	Sheave (2)(3)	1
71	1724196	Slinger (2)(3)	1
72	1724194	Ball Bearing (2)(3)	1
73	1735886	Retainer (2)(3)	1
74	1724189	Compression Spring (2)(3)	1
75	1735888	Engine Sheave (2)(3)	1
76	1103470	Set Screw, 5/16 - 18 x 1/2 (2)(3)	2
77	1724193	Key, 3/16 x 1/4 x 2 - 1/4 (2)(3)	1
78	1731719	V - Belt 51 9/32"	1
79	1186230	Hex Nut, 5/16 - 18 (2)(3)(4)	2
80	1724117	Spade Bolt (2)(3)(4)	2
81	1717920	Cold Shuts (2)(3)(4)	2
82	1735288	Chain (2)(3)(4)	2
83	1719268	Control Knob	1
84	1890908	Washer (2)(3)	AR
85	1737729	Spacer (2)(3)	1
86	1737265	Cable Ass'y (3) thru (7)	1
	1747926	Cable Ass'y (1136)(7)(8)(9)	1
87	1177625	Roll Pin 1/8 x 3/4 (3) thru (9)	2
88	1737231	PTO Handle (3) thru (9)	1
89	1100069	Hex Screw 1/4 - 20 x 1" (3) thru (9)	1
90	1734398	Lock Nut 1/4 - 20 (3) thru (9)	1
91	1805345	Tie Cable (830/831)	1
92	1742247	Lift Ass'y (5) thru (9)	1
93	1742347	Lift Link (5) thru (9)	2
94	1107385	Flat Washer, 1/2 (5) thru (9)	3

Model 830 & 831

- (2) Serial Numbers 0200101 thru 0299999
- (3) Serial Numbers 0300101 thru 0399999
- (4) Serial Numbers 0400101 thru 0499999
- (5) Serial Numbers 0500101 thru 0599999
- (6) Serial Numbers 0600101 thru 0699999
- (7) Serial Numbers 0700101 thru 0799999
- (8) Serial Numbers 0800101 thru 0899999
- (9) Serial Numbers 0900101 thru 0999999

Model 1134

- (5) Serial Numbers 0100101 thru 0199999
- (6) Serial Numbers 0200101 thru 0299999
- (7) Serial Numbers 0300101 thru 0499999

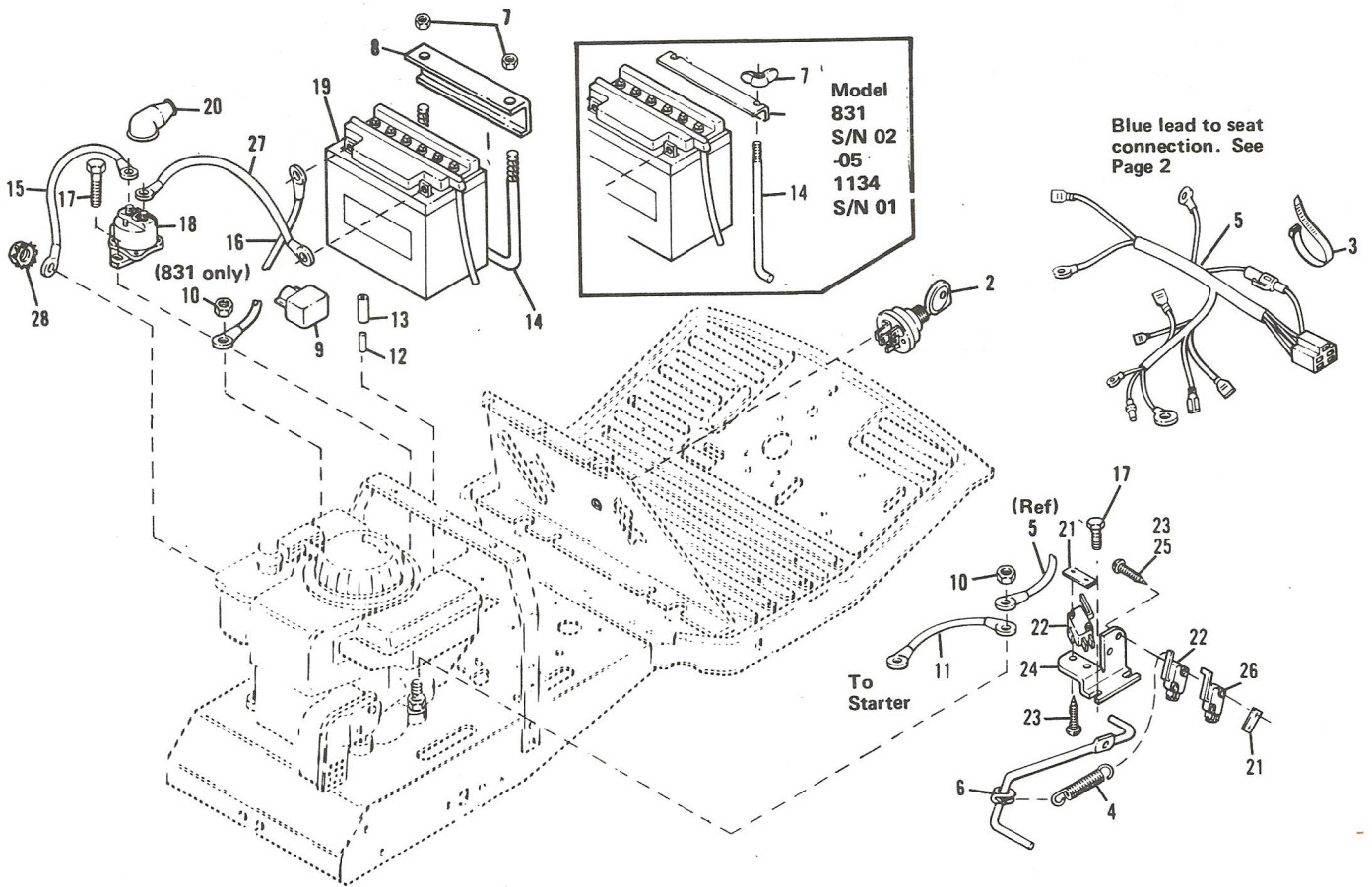
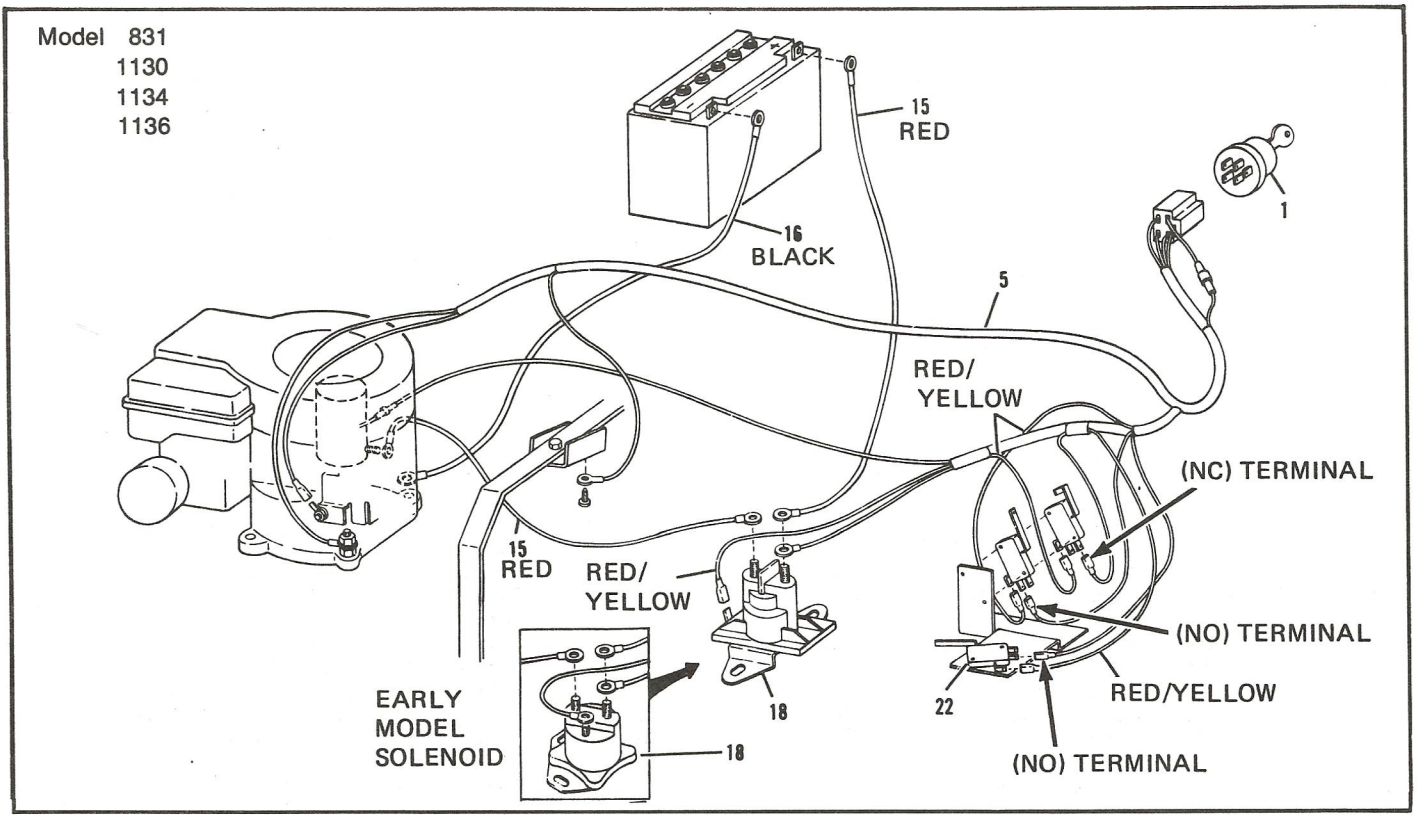
Model 1130

- (7) Serial Numbers 0100101 thru 0199999

Model 1136

- (7) Serial Numbers 0100101 thru 0199999
- (8)(9) Serial Numbers 0200101 thru 0299999

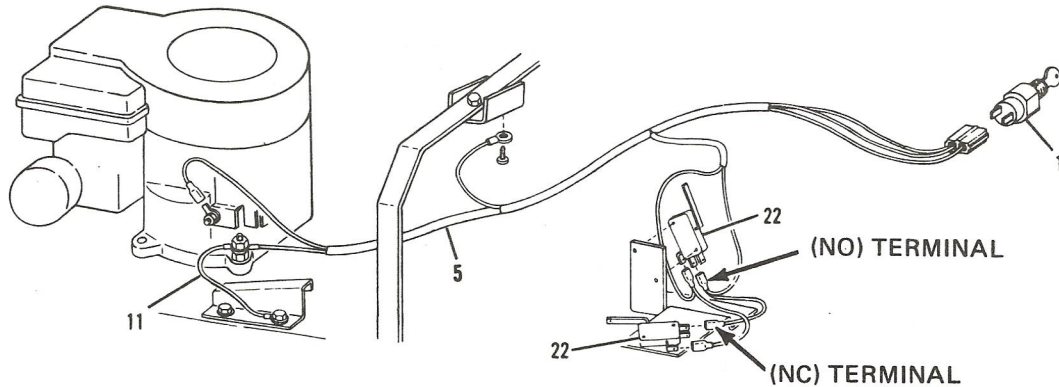
**BOLENS RIDING MOWER**



**Figure 4. ELECTRICAL SYSTEM**



Model 830



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	1727321	Ignition Switch (830)(Incl. Ref. No. 2) . . . . .	1
	1734196	Ignition Switch (831/1130/1134) (Incl. Ref. No. 2) . . . . .	1
2	1805283	Key, Ignition (Model 830) . . . . .	1
	1728266	Key, Ignition (831/1130/1134) . . . . .	1
3	1805345	Cable Tie . . . . .	3
4	1725826	Extension Spring . . . . .	1
5	1735254	Main Wiring Harness (830) . . . . .	1
	1735255	Main Wiring Harness (831) (S/N 02-04) . . . . .	1
	1742077	Main Wiring Harness (831) (S/N 05/06)(1130/1134) . . . . .	1
6	1728941	Clamp . . . . .	1
7	1709652	Wing Nut, 1/4-20 (831/1134)(1) . . . . .	2
	1734398	Lock Nut 1/4-20 (831/1130/1134) (2) (1136) . . . . .	2
8	1735258	Battery Bracket (831/1134) (1) . . . . .	1
	1744276	Battery Bracket (831/1130/1134) (2) (1136) . . . . .	1
9	1734364	Cable Boot (831/1130/ 1134/1136) . . . . .	1
10	● 1186258	Hex Nut, 5/16-18 (831/1130/1134) . . . . .	2
	● 1186258	Hex Nut, 5/16-18 (830) . . . . .	1
11	1737738	Ground Cable (830/831) . . . . .	1
12	1185232	Roll Pin (831/1130/1134/1136) . . . . .	2
13	1736808	Plastic Tube (831/1130/ 1134/1136) . . . . .	1
			2
14	1735257	Battery Rod (831/1134)(1) . . . . .	2
	1744279	Battery Rod (831/1130/1134) (2) (1136) . . . . .	1
15	1736491	Battery Cable (831/1130/1134/1136) . . . . .	1
16	1736689	Battery Cable, Ground (831/1130/1134/1136) . . . . .	1

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
17	1724492	Flange Screw, 1/4-20 x 1/2 . . . . .	4
18	1729547	Solenoid (831-S/N 02-04) . . . . .	1
	1740056	Solenoid (831-S/N 05)(1134/1130/1136) . . . . .	1
19	1735253	Battery (Model 831/1134)(1) . . . . .	1
	1743999	Battery (831/1130/1134)(2) (1136) . . . . .	1
20	1715012	Terminal Cover (831/1130/1134/1136) . . . . .	1
21	1727777	Nut, No. 4-40 . . . . .	2
22	1728199	Interlock Switch . . . . .	2
23	1725552	Screw, No. 4-40 x 3/4 (Model 830) . . . . .	4
	1725552	Screw, No. 4-40 x 3/4 (831/1130/1134/1136) . . . . .	2
24	1736383	Switch Bracket . . . . .	1
25	1729478	Screw, No. 4-40 x 1-1/4 (831/1130/1134/1136) . . . . .	2
26	1732436	Interlock Switch (831/1130/1134/1136) . . . . .	1
27	1737405	Battery Cable (831/1130/1134/1136) . . . . .	1
28	1185912	Lock Nut 1/4-20 (831/1130/1134/1136) . . . . .	1

(1) Model 831 S/N 0200101 thru 0599999  
Model 1134 S/N 0100101 thru 0199999

(2) Model 831 S/N 0600101 thru 0999999  
Model 1134 S/N 0200101 thru 0499999  
Model 1130 S/N 0100101 thru 0199999  
Model 1136 S/N 0100101 thru 0299999

●Common Hardware - Purchase Locally

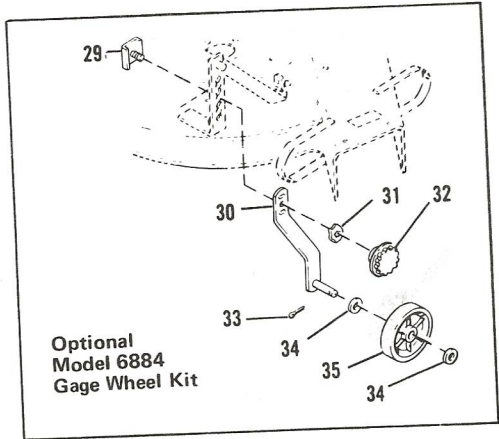
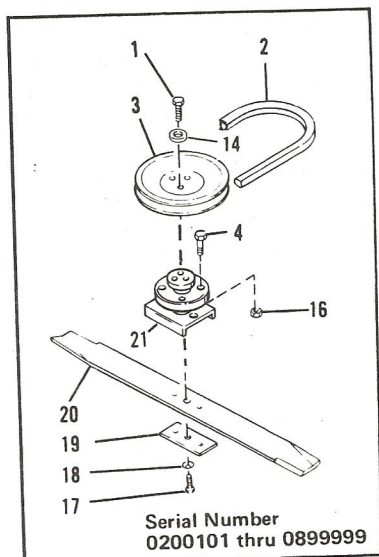
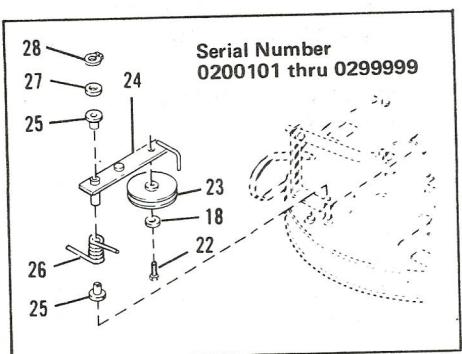
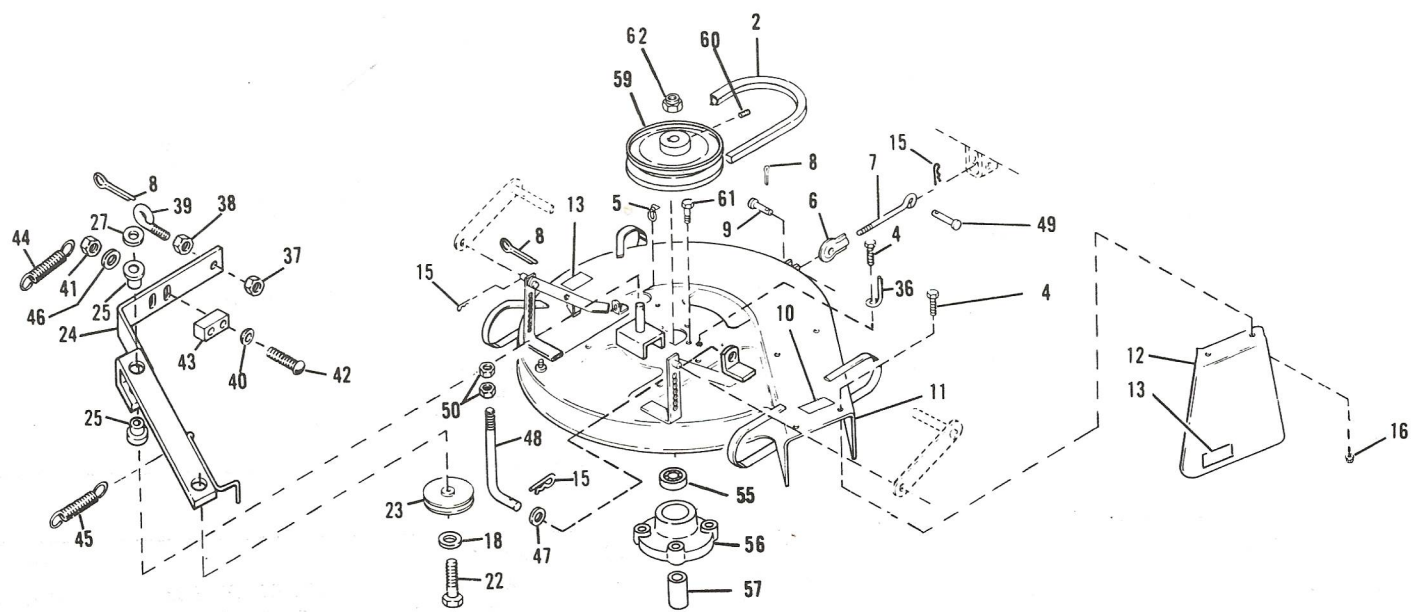


Figure 6. 30" MOWER

MODELS 830, 831 AND 1130

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	1724491	Flange Screw, 5/16 - 18 x 3/4	3	28	1718804	Retaining Ring (2)(3)	1
2	1722238	V-Belt 65" (3)	1	29	1735789	Stud Plate Ass'y	2
	1738511	V-Belt 66" (4) thru (8)	1	30	1735773	Axle Support Ass'y	2
3	1736586	Sheave	1	31	1724034	Lockwasher, 3/8 Pyramidal	2
4	1186329	Flange Screw, 5/16 - 18 x 3/4	9	32	1733584	Knob	2
5	1719672	Klik Pin (2)(3)(4)	2	33	1100349	Cotter Pin, 1/8 x 3/4	2
6	1725754	Rod End	1	34	1107385	Flat Washer, 1/2	4
7	1736435	Rod	1	35	1724097	Wheel	2
8	1100349	Cotter Pin, 1/8 x 3/4	3	36	1720878	L.H. Belt Guide (4) thru (9)	1
9	1722409	Clevis Pin	1	37	1734398	Lock Nut 1/4 - 20 (4) thru (9)	1
10	1736482	Caution Decal (2) thru (5)	1	38	1186229	Nut 1/4 - 20 (4) thru (9)	1
	1744043	Caution Decal (6)(7)(8)(9)	1	39	1738140	Eye Bolt (4) thru (9)	1
11	1735770	Mower Base Ass'y (2)(3)	1	40	1737233	Countersunk No. 10 Washer (4) thru (9)	2
	1737292	Mower Base Ass'y (4)	1				
	1742514	Mower Base Ass'y (5) thru (9)	1	41	1185985	Lock Nut No. 10 - 24 (4) thru (9)	2
12	1735316	Chute Deflector	1	42	1738493	Screw No., 10 - 24 x 1 3/8 (4) thru (9)	2
13	1736483	Decal, No Step	2	43	1737281	Brake Block (4) thru (9)	1
14	1100255	Flat Washer, 5/16 (2)(3)	3	44	1738492	Ext. Spring (4) thru (9)	1
15	1703011	Hitch Pin	3	45	1700401	Ext. Spring (4) thru (9)	1
16	1186391	Flange Nut, 5/16 - 18	8	46	1103959	Flat Washer No. 10 (4) thru (9)	2
17	1736781	Nylok Screw, 3/8 - 24 x 1 - 1/4 (2) thru (8)	1	47	1711396	Flat Washer (5)(6)(7)	2
18	1100243	Lockwasher 3/8	3	48	1742348	Lift Rod (5) thru (9)	2
19	1735287	Blade Doublor (2) thru (8)	1	49	1730851	Clevis Pin (5) thru (9)	1
20	1735670	Mower Blade	1	50	1186230	Lock Nut 5/16 - 18 (5) thru (9)	4
21	1742808 1750576	Mower Spindle Ass'y (2) thru (8)	1	51	1724051	Plate (9)	1
22	1100043	Hex Hd. Screw, 3/8 - 16 x 1 - 1/4 (2)(3)	1	52	1111709	Hex Screw 3/8 - 24 x 7/8 (9)	2
	1100047	Hex hd. Screw, 3/8 - 16 x 1 - 1/2 (4) thru (9)	1	53	1750318	Shaft Ass'y (9)	1
23	1725625	Idler Pulley (2)(3)	1	54	1740627	Flat Washer 3/4 (9)	1
	1722713	Idler Pulley (4) thru (9)	1	55	1185574	Ball Bearing (9)	2
24	1735298	Idler Arm Ass'y (2)(3)	1	56	1750294	Spindle Housing (9)	1
	1737204	Idler Arm Ass'y (4) thru (9)	1	57	1750319	Sleeve (9)	1
25	1715538	Bushing	2	58	1104436	Woodruff Key (9)	1
26	1734888	Torsion Spring (2)(3)	1	59	1750316	Sheave (9)	1
27	1702646	Washer	1-3	60	1185596	Set Screw (9)	1
				61	1186330	Fl Screw 5/16 - 18 x 7/8 (9)	4
				62	1185093	Lock Nut 3/4 - 16 (9)	1

•Common Hardware - Purchase Locally (Grade 5 where applicable)

Model 830 & 831

- (2) Serial Number 0200101 thru 0299999
- (3) Serial Number 0300101 thru 0399999
- (4) Serial Number 0400101 thru 0499999
- (5) Serial Number 0500101 thru 0599999
- (6) Serial Number 0600101 thru 0699999
- (7) Serial Number 0700101 thru 0799999
- (8) Serial Number 0800101 thru 0899999
- (9) Serial Number 0900101 thru 0999999

Model 1130

- (7) Serial Numbers 0100101 thru 0199999

# BOLENS 34" MOWER

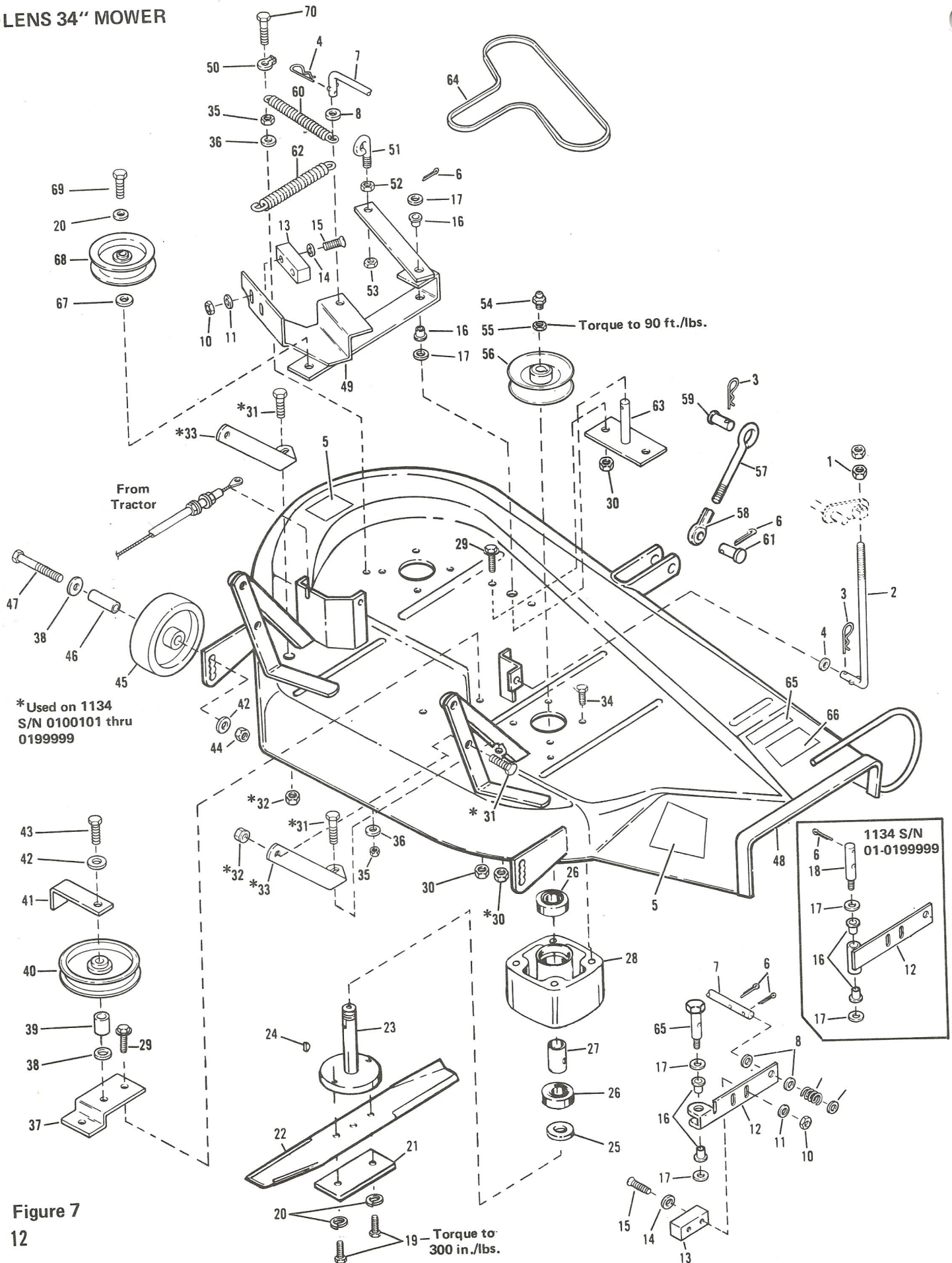


Figure 7  
12

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	• 1186230	Lock Nut 5/16 - 18	4	35	1733398	Hex Lock Nut 3/8-16	2
2	1742500	Lift Rod	2	36	• 1100256	Flat Washer 3/8	2
3	1703011	Spring Cotter	1	37	1741487	Idler Bracket Assembly	1
4	1717897	Spring Pin	3	38	• 1107385	Flat Washer 1/2	3
5	1736483	Decal (No Step)	2	39	1734509	Spacer	1
6	• 1100349	Cotter Pin 1/8 x 3/4	6	40	1724925	Idler Pulley	1
7	1742696	Brake Rod	1	41	1741489	Belt Guide (1)	1
8	• 1107382	Flat Washer 5/16	6		1743994	Belt Guide (2)(3)	1
9	1727343	Compression Spring	1	42	• 1100245	Lock Washer 1/2	3
10	1185985	Hex Nut No. 10-24	4	43	• 1100075	Hex Screw 1/2-13 x 2-1/4	1
11	• 1103959	Flat Washer No. 10	4	44	• 1186233	Hex Nut 1/2-13	2
12	1742697	Brake Plate Assembly (1)	1	45	1737697	Gage Wheel	2
	1743884	Brake Plate Assembly (2)(3)	1	46	1737696	Spacer	2
13	1742940	Brake Block	2	47	• 1100080	Hex Screw 1/2-13 x 2-3/4	2
14	1737233	Lock Washer No. 10 CTRSK	4	48	1741532	Base Assembly (1)	1
15	1738493	Flat Hd. Screw No. 10-24 x 1-3/8	4		1744394	Base Assembly (2)(3)	1
16	1715538	Flanged Bearing	4	49	1741450	Clutch/Brake Assembly	1
17	1890234	Flat Washer, 1/2 (1)	4	50	1185226	Grip Ring	1
	1890234	Flat Washer, 1/2 (2)(3)	2	51	1738140	Eye Bolt	1
18	1740115	Idler Arm Pin	1	52	• 1186229	Hex Nut 1/4-20	1
19	• 1100009	Hex Screw 3/8-24 x 1	4	53	• 1734398	Lock Nut 1/4-20	1
20	• 1100243	Lock Washer 3/8	5	54	1185976	Grease Fitting	2
21	1724051	Plate	2	55	1185093	Hex Nut 3/4-16	2
22	1741596	Blade	2	56	1741538	Mower Sheave	2
23	1739890	Blade Shaft Assembly (1)	2	57	1736435	Rod End	1
	1742607	Blade Shaft Assembly (2)(3)	2	58	1725754	Rod	1
24	1104436	Woodruff Key	2	59	1730851	Clevis Pin	1
25	1740627	Flat Washer	2	60	1700401	Extension Spring	1
26	1185828	Ball Bearing	4	61	1722409	Clevis Pin	1
27	1746869	Spacer	2	62	1725399	Extension Spring	1
28	1724029	Spindle Housing	2	63	1741473	Arm Support Assembly	1
29	• 1186345	Flange Screw 3/8-16 x 3/4	4	64	1741568	V-Belt 95-1/2"	1
30	• 1186393	Flange Hd. Nut 3/8-16	4	65	1736221	Shoulder Bolt (2)(3)	1
31	• 1186329	Flange Lock Screw 5/16-18 x 3/4 (1)	4	66	1725565	Decal, Caution/Cut line	1
				67	1705108	Flat Washer	1
32	• 1186391	Flange Hex Nut 5/16-18 (1)	4	68	1722713	Idler	1
33	1741486	Brace, Rear Hitch (1)	2	69	• 1100047	Hex Screw 3/8-16 x 1-1/2	1
34	1724491	Flange Screw, Thd. Form 5/16 -18 x 3/4	8	70	• 1111614	Hex Screw 3/8-16 x 3	1
				71	1743885	Washer (2)(3)	2

• Common Hardware - Purchase Locally (Grade 5 where applicable)

(1) Model 1134 S/N 0100101 thru 0199999

(2) Model 1134 S/N 0200101 thru 0299999

(3) Model 1134 S/N 0300101 thru 0499999



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	1747656	Hex Screw 7/16-14 x 1 .	4	39	1747918	Spring Anchor Bracket . .	1
2	• 1100244	Lock Washer 7/16 . . . . .	2	40	• 1100044	Hex Screw 5/16-18 x 3/4	8
3	1736484	Flat Washer 7/16 . . . . .	2	41	1746788	Compression Spring . . . .	1
4	1747935	Spindle Sheave Assembly	2	42	• 1100346	Cotter Pin 3/32 x 3/4 . . .	3
5	1747642	Upper Bearing Shield . . .	2	43	• 1100080	Hex Screw 1/2-13 x 2-3/4	1
6	1747644	Top Arbor Housing . . . . .	2	44	• 1100257	Flat Washer 1/2 . . . . .	1
7	1185574	Ball Bearing . . . . .	4	45	1717263	Bushing 3/4 . . . . .	2
8	1747648	Arbor Shaft . . . . .	2	46	1747930	Idler Arm Assembly . . . .	1
9	1747643	Shim Washer . . . . .	2	47	1747928	Tubular Spacer . . . . .	1
10	1747645	Bottom Arbor Housing . .	2	48	1738492	Extension Spring . . . . .	1
11	1722409	Clevis Pin 1/2 Dia. . . . .	1	49	1747939	Hex Screw #10-24 x 1-1/4	2
12	1744043	Warning Decal . . . . .	1	50	1747934	Brake Block . . . . .	1
13	1748553	Mower Base Assembly w/ Decals (Incl. Ref. 12) . .	1	51	• 1185985	Keps Nut #10-24 . . . . .	2
14	1729037	Cutting Line Decal . . . . .	1	52	1747927	Belt Guide . . . . .	1
15	1747635	Mower Deflector . . . . .	1	53	1722713	Flat Idler 3-1/2 Dia. . . . .	1
16	1733398	Top Lock Nut 3/8-16 . . . .	4	54	1747925	Idler Support . . . . .	1
17	• 1739656	Carriage Bolt 3/8-16 x 3/4	2	55	1734514	Hex Nut 1/2-13 . . . . .	3
18	• 1100349	Cotter Pin 1/8 x 3/4 . . . .	1	56	• 1100805	Hex Screw 1/4-20 x 3/4 . .	1
19	1725754	Rod End . . . . .	1	57	1734398	Top Lock Nut 1/4-20 . . . .	1
20	1736435	Rod End . . . . .	1	58	1737697	Gauge Wheel . . . . .	2
21	1730851	Clevis Pin 1/2 Dia. . . . .	1	59	• 1100056	Hex Screw 1/2-13 x 2-1/2	2
22	1703011	Spring Pin . . . . .	3	60	• 1107385	Flat Washer 1/2 . . . . .	2
23	1732499	Top Lock Nut 5/16-18 . .	15	61	1737696	Spacer . . . . .	2
24	• 1107382	Flat Washer 5/16 . . . . .	10	62	1747916	Clutch Cable Support . . . .	1
25	1728075	Compression Spring . . . . .	1	63	1747631	Baffle . . . . .	1
26	1715716	Bushing 1/2 Dia. . . . .	2	64	1747633	Mower Bracket . . . . .	1
27	1747920	Brake Arm Assembly . . . .	1	65	• 1186469	Carriage Bolt 5/16-18 x 3/4 . . . . .	2
28	1747921	Spacer . . . . .	1	66	1747641	Grass Shield . . . . .	2
29	1747917	Idler Support . . . . .	1	67	1747639	Blade Adapter . . . . .	2
30	1747915	Lift Bracket . . . . .	1	68	1748409	Mower Arbor Collar . . . .	2
31	1742500	Lift Rod . . . . .	2	69	1747640	Mower Blade . . . . .	2
32	1717897	Pin . . . . .	2	70	1747638	Spindle Washer 7/16 . . . .	2
33	• 1186230	Hex Nut 5/16-18 . . . . .	4	71	1747637	Spring Washer 7/16 . . . . .	2
34	• 1100078	Hex Screw 5/16-18 x 7/8	4	72	1724491	Flange Screw 5/16-18 x 3/4 . . . . .	12
35	1747919	Belt Guide . . . . .	1	73	1747938	V-Belt (97.3'') . . . . .	1
36	1728810	Flat Idler 4" Dia. . . . .	1	74	1747924	Brake Rod . . . . .	1
37	• 1100048	Hex Screw 3/8-16 x 2 . . .	2	75	1749823	Washer . . . . .	2
38	• 1186131	Carriage Bolt 3/8-16 x 1-1/2 . . . . .	1	76	• 1186327	Flange Screw 5/16-18 x 3/4 . . . . .	2
				77	• 1186391	Flange Nut, 5/16-18 . . . . .	2
				78	• 1100779	Hex Screw 5/16-18 x 1-3/4 . . . . .	1

•Common Hardware - Purchase Locally

BOLENS RIDING MOWER

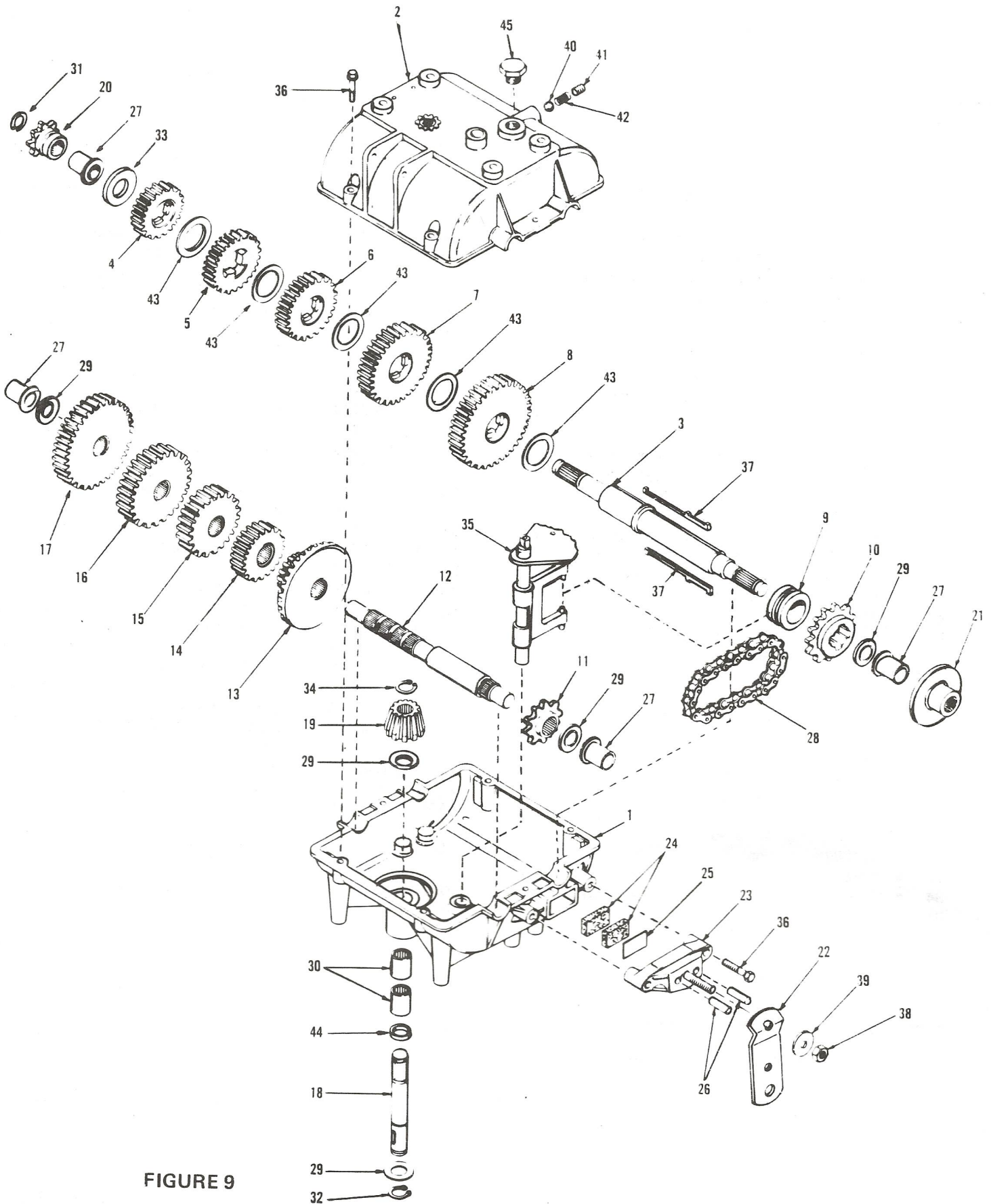


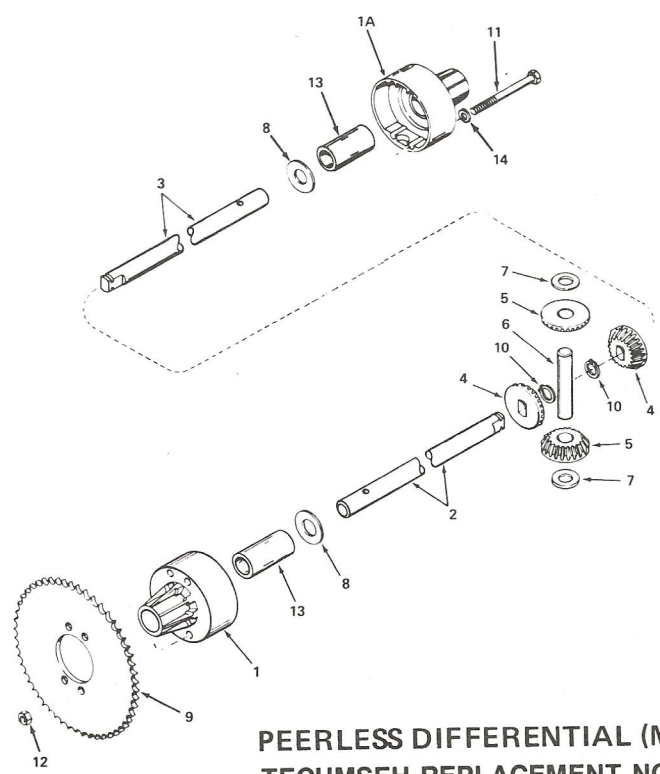
FIGURE 9  
PEERLESS TRANSMISSION (MODEL 730)



PURCHASE PARTS FROM YOUR LOCAL TECUMSEH POWER PRODUCTS OUTLET

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	770061	Case, Transmission. . . . .	
2	772070	Cover, Transmission. . . . .	
3	776161	Shaft, Output and Brake. . . . .	
4	778121A	Gear, Spur (20 Teeth) . . . . .	
5	778122	Gear, Spur (22 Teeth) . . . . .	
6	778123	Gear, Spur (25 Teeth) . . . . .	
7	778124	Gear, Spur (30 Teeth) . . . . .	
8	778125	Gear, Spur (35 Teeth) . . . . .	
9	784266	Collar, Shift . . . . .	
10	786083	Sprocket (18 Teeth). . . . .	
11	786082	Sprocket (9 Teeth) . . . . .	
12	776134	Shaft, Counter . . . . .	
13	778109	Gear, Bevel (42 Tooth and 15 Tooth Spur Gear) . . . . .	
14	778126	Gear, Spur (20 Teeth) . . . . .	
15	778127	Gear, Spur (25 Teeth) . . . . .	
16	778128	Gear, Spur (28 Teeth) . . . . .	
17	778129	Gear, Spur (30 Teeth) . . . . .	
18	776143	Shaft, Input . . . . .	
19	778113	Bevel Pinion, Input . . . . .	
20	786047	Sprocket (8 Teeth) . . . . .	
21	790003	Disk, Brake . . . . .	
22	790013	Lever, Brake. . . . .	
23	790005	Holder, Brake Pad . . . . .	

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
24	790006	Pad, Brake . . . . .	
25	790007	Plate, Brake Pad . . . . .	
26	786026	Pin, Dowel . . . . .	
27	780105	Bushing, Flanged. . . . .	
28	786081	Chain, Roller (No. 41 Chain, 24 Links). . . . .	
29	780072	Race, Thrust. . . . .	
30	780086	Bearing, Needle. . . . .	
31	792072	Ring, Retaining. . . . .	
32	792035	Ring, Retaining. . . . .	
33	780109	Washer . . . . .	
34	788040	Ring, Retaining. . . . .	
35	784267	Rod & Fork Assy. Shift . . . . .	
36	792073	Screw, Hex Hd. Taptite, 1/4-20 x 1-1/4 . . . . .	
37	792089A	Key . . . . .	
38	792075	Nut, Lock, 5/16-24 . . . . .	
39	792076	Washer, Flat, 5/16. . . . .	
40	792077	Ball, Steel, 5/16". . . . .	
41	792078	Screw, Set, 3/8-16 x 3/8. . . . .	
42	792079	Spring. . . . .	
43	780108	Washer, Thrust . . . . .	
44	792001	Ring, Square Cut. . . . .	
45	792074	Plug . . . . .	

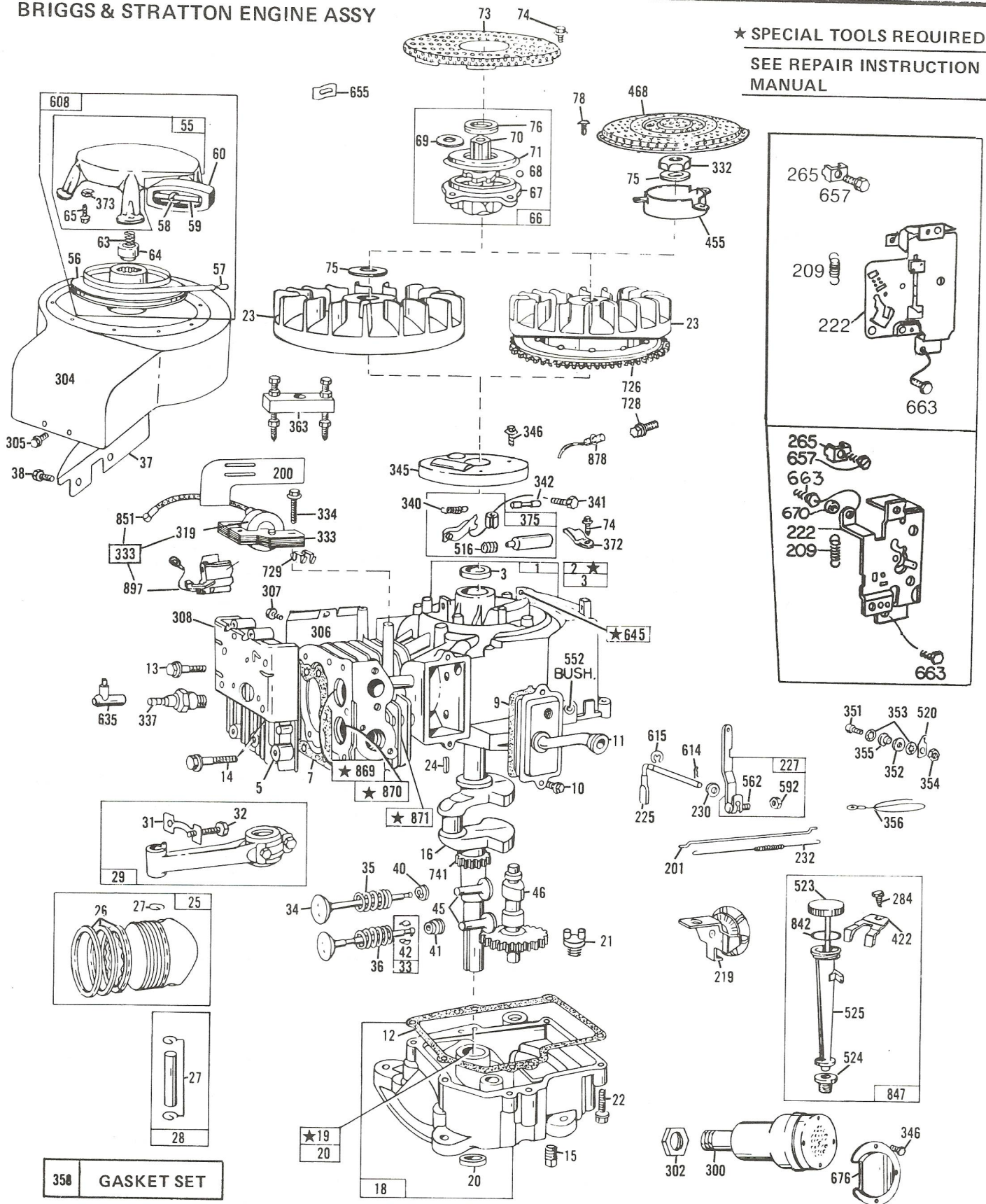


REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	774344	Housing, Differential Carrier (Incl. No. 13) . . . . .	
1A	774345	Housing, Differential Carrier (Incl. No. 13) . . . . .	
2	774440	Axle (9-7/32" Long) . . . . .	
3	774441	Axle (18-5/32" Long) . . . . .	
4	778067	Gear, Bevel. . . . .	
5	778068	Gear, Pinion . . . . .	
6	786040	Pin, Drive. . . . .	
7	780096	Washer, Thrust . . . . .	
8	780001	Washer . . . . .	
9	786070	Sprocket . . . . .	
10	792018	Ring, Snap . . . . .	
11	792041	Screw, Hex. Hd. 5/16-18 x 3-3/4	
12	792042	Nut, Lock, 5/16-18 . . . . .	
13	780077	Bushing . . . . .	
14	792061	Washer . . . . .	

PEERLESS DIFFERENTIAL (MODEL 100-012)  
TECUMSEH REPLACEMENT NO. (794-258 Plus Axles 774440 & 774441)

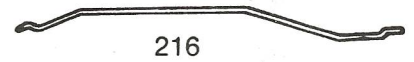
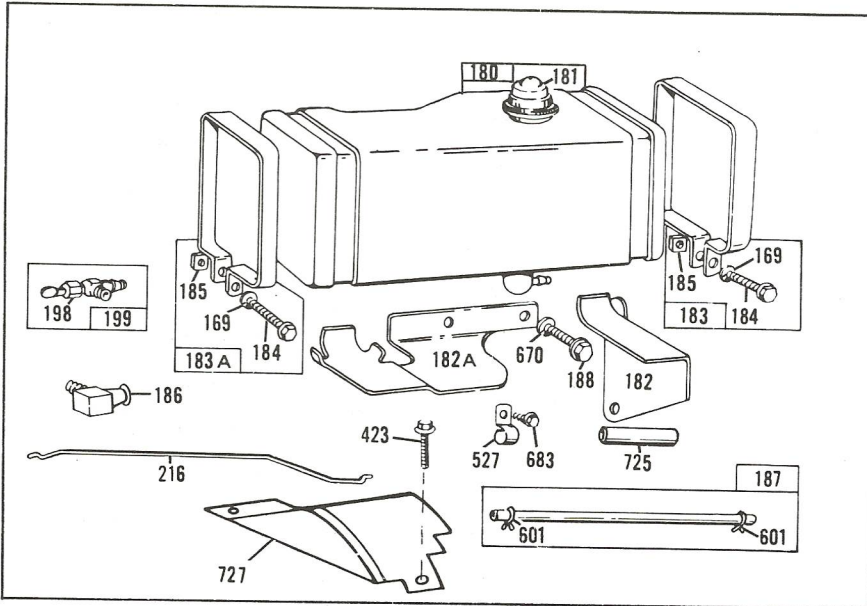
# BRIGGS & STRATTON ENGINE ASSY

★ SPECIAL TOOLS REQUIRED  
SEE REPAIR INSTRUCTION  
MANUAL

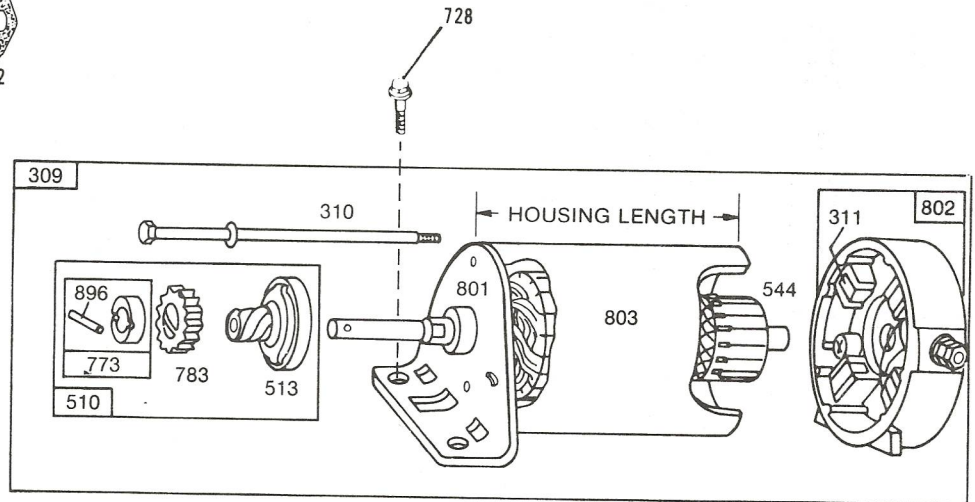
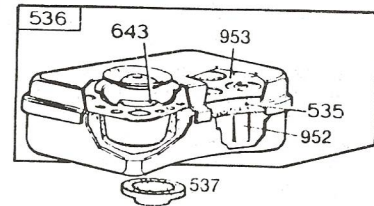
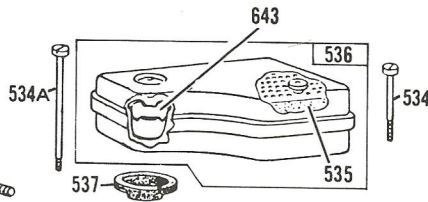
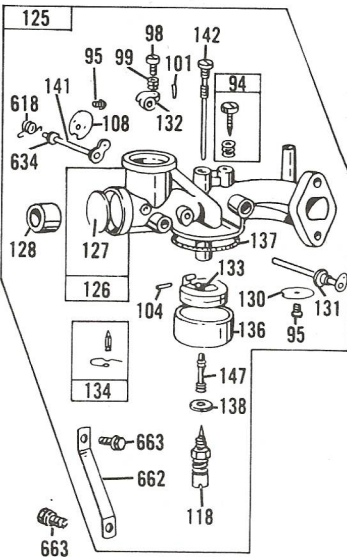


MODEL 830 S/N 0200101 thru 0399999 (190702 - 1174)  
 MODEL 830 S/N 0400101 thru 0699999 (190702 - 1183)  
 MODEL 830 S/N 0700101 thru 0999999 (190702 - 2142)

MODEL 831 S/N 0200101 thru 0399999 (190707 - 1166)  
 MODEL 831 S/N 0400101 thru 0699999 (190707 - 1182)  
 MODEL 831 S/N 0700101 thru 0999999 (190707 - 2141)



121 Carburetor Overhaul Kit



Assemblies include all parts shown in frames.

Subject	Ref. No. 309	Ref. No. 510	Ref. No. 801	Ref. No. 544	Ref. No. 803	Ref. No. 802	Ref. No. 311	Ref. No. 310	
Starter Motor Mfr. Briggs & Stratton	Housing Length	Motor and Drive Assy	**Drive Assembly	End Cap Assy Drive	Armature Assembly	Housing Assembly	End Cap Assy Commutator*	Brush Assembly	Thru Bolt Assembly
12V	3-21/32"	394805	391461	394856	392747	393825	395537	395538	94003

\*Includes Brush Set

\*\*Includes #391135 Clutch Assembly (Ref. No. 513)  
#280104 Gear (Ref. No. 783)

#391462 Retainer and Pin (Ref. No. 773)  
#93754 Roll Pin (Ref. No. 896)

CARBURETOR ASSEMBLY MODELS 830 and 831

## ORDER ALL PARTS FROM YOUR LOCAL BRIGGS & STRATTON ENGINE OUTLET

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	392004	Cylinder Ass'y (1) thru (4) .....	40	221596	Retainer - Intake Valve .....
	396213	Cylinder Ass'y (5)(6) .....	41	292260	Rotorcoil - Exhaust Valve .....
2	295962	Bushing - Cylinder .....	42	93630	Retainer - Exhaust Valve .....
		Note: Requires special tools for installation .....			Rotocoil .....
3	294606	Seal - Oil .....	45	260933	Tappet - Valve .....
5	212286	Head - Cylinder .....	46	211689	Gear - Cam (2) thru (6) .....
** 7	270430	Gasket - Cylinder Head .....		210728	Gear - Cam (1) .....
8	299848	Breather Ass'y .....	52	270538	Gasket - Carburetor .....
** 9	27803	Gasket - Valve Cover .....			Mounting .....
10	93394	Screw - Sem .....	55	393576	Housing - Rewind Starter (1)(2)(3)(5) .....
11	280005	Tube - Breather .....	56	295871	Pulley - Rewind Starter (1)(2)(3)(5) .....
** 12	27750	Gasket - Crankcase Cover, 1/64" Thick .....			Note: Includes 63" Rope; if longer Rope is required, order Rope No. 66894 and cut to required length. ....
	27876	Gasket - Crankcase Cover, .005" Thick .....	57	294303	Spring - Rewind Starter (1)(2)(3)(5) .....
	27877	Gasket - Crankcase Cover, .009" Thick .....	58	66884	Rope - Rewind Starter 63" long for use with Plastic Pulley, if longer Rope is needed, order No. 66894 and cut to required length (1)(2)(3)(5) .....
13	93211	Screw - Cylinder Head, 2 - 21/32" Long .....			Pin - Starter Grip (1)(2)(3)(5) .....
14	93723	Screw - Cylinder Head, 3" Long .....			Grip - Starter Rope (1)(2)(3)(5) .....
15	91084	Plug - Oil Drain .....	59	230228	Spring - Ratchet (1)(2)(3)(5) ...
16	261038	Crankshaft (1) thru (4) .....	60	66728	Adapter - Ratchet (1)(2)(3)(5) .....
	397185	Crankshaft (5) thru (6) .....	63	260414	Screw - Stamped Steel Rewind Housing Mounting (1)(2)(3)(5) .....
18	298616	Sump - Oil (1)(2) .....	64	230543	Clutch Ass'y Rewind Start (1)(3) .....
	392548	Sump - Oil (3) thru (6) .....	65	93067	Clutch Ass'y Rewind Start (5) .....
19	295963	Bushing, Oil Sump .....	66	298798	Housing - 5/8 - 18 Thread (2) .....
		Note: Requires special tools for installation .....			Housing - Rewind (1)(3) .....
20	298423	Seal - Oil (1)(2) .....			Housing - Rewind (5) .....
	391086	Seal - Oil (3) thru (6) .....	67	394588	Ball - Clutch (1)(2)(3)(5) .....
21	66768	Plug - Oil Filler (3) thru (6) ....		261453	Washer - Starter Clutch, Thrust (1)(2)(3) .....
22	93585	Screw, Sump Mtg. Sem .....		212132	Ratchet - Rewind Starter .....
23	391983	Flywheel and Ring Gear Ass'y. (2)(4)(6) .....		394897	Washer - Retainer (1)(2)(3)(5) .....
	298260	Flywheel Magneto (1)(3)(5) ....	68	63770	Screen - Rewind Starter (1)(2)(3)(5) .....
24	61760	Key - Flywheel (1) thru (4) .....	69	66718	Screw - Sem (1)(2)(3)(5) .....
	222698	Key - Flywheel (5)(6) .....			Washer - Spring (1)(3)(4)(5)(6) .....
25	391673	Piston Ass'y - Std .....			Washer - Ratchet Sealing (1)(2)(3)(5) .....
	391674	Piston Ass'y - .010" O.S. ....	70	298799	Screw - Sem (4)(6) .....
	391675	Piston Ass'y - .020" O.S. ....			Valve Ass'y - Carburetor Idle ...
	391676	Piston Ass'y - .030" O.S. ....	71	221653	Screw - Throttle and Choke Mtg. Sem .....
			73	221796	Screw - Machine, Fill. Hd., 8 - 32 x 5/8" (2)(4)(5)(6) .....
					Spring - Throttle Adjustment (2)(4)(5)(6) .....
			74	93042	Pin - Throttle Stop .....
			75	220865	Pin - Float Hinge .....
			76	68238	Valve - Choke .....
					Valve - Needle .....
			78	93808	Carburetor Overhaul Kit (1) thru (4) .....
			* 94	292681	Carburetor Overhaul Kit (5)(6) .....
			95	93499	Screw - Carburetor Mounting .....
			98	91920	
			99	26157	
			101	93043	
			* 104	230896	
			108	222010	
			* 118	391233	
			121	299852	
			123	394698	
				93357	

### PISTON RING SETS:

Note: For Chrome Piston Ring Set - Standard Size - Order No. 299743.

26	391669	Ring Set - Piston - Std .....
	391670	Ring Set - Piston - 0.10" O.S. ....
	391671	Ring Set - Piston - 0.20" O.S. ....
	391672	Ring Set - Piston - 0.30" O.S. ....
27	68546	Lock - Piston Pin .....
28	295840	Pin Ass'y Piston - Standard .....
	295841	Pin Ass'y - Piston - .005" O.S. ....
29	390402	Rod Ass'y - Connecting. ....
		Note: For Connecting Rod With .020" Undersize Crankpin .....
		Bearing - Order No. 390773 .....
31	222114	Lock - Connecting Rod Screw .....
32	92659	Screw - Connecting Rod .....
33	390419	Valve - Exhaust .....
34	261055	Valve - Intake .....
35	65906	Spring - Intake Valve .....
36	26828	Spring - Exhaust Valve .....
37	222475	Guard Flywheel (1)(3)(5) .....
38	93777	Screw - Sem (1)(3)(5) .....

\* Included in Carburetor Kit 299852

\*\* Included in gasket set 299577

(1) Model 190702 - 1174  
(2) Model 190707 - 1166

(3) Model 190702 - 1183  
(4) Model 190707 - 1182

(5) Model 190702 - 2142  
(6) Model 190707 - 2141

MODELS 830 AND 831

REF. NO.	PART NO.	DESCRIPTION
125	390811	Carburetor Ass'y (Choke - A - Matic) .....
126	299851	Body Ass'y - Lower Carburetor
127	221997	Plug - Welch .....
128	211682	Venturi - Carburetor .....
130	221986	Valve - Throttle .....
131	391512	Shaft and Lever - Throttle .....
132	211712	Stop - Throttle .....
133	299707	Float - Carburetor .....
* 134	299096	Valve - Fuel Inlet. (1) thru (4)
	394681	Valve - Fuel Inlet. (5)(6) .....
136	221995	Bowl - Float .....
* 137	270511	Gasket - Float Bowl .....
* 138	222014	Washer - Float Bowl .....
141	390684	Shaft and Lever Choke .....
* 142	299740	Nozzle - Carburetor .....
* 147	230932	Screw - Nozzle .....
169	90832	Washer - Lock, 1/4" x 3/32" x 5/64" (1)(2) .....
180	390225	Tank Ass'y Fuel (3 Quart) (1)(2)
181	392300	Cap - Fuel Tank (1)(2) .....
182	222813	Bracket - Fuel Tank, R.H. (1)(2)
182A	222112	Bracket - Fuel Tank, L.H. (1)(2)
183	390406	Strap Ass'y - Fuel Tank (1)(2)
183A	390405	Strap Ass'y - Fuel Tank (1)(2)
184	93803	Screw - Hex. HD. (1)(2) .....
185	90970	Nut - Square, 1/4 - 20 (1)(2) ...
186	67218	Connector - Fuel Pipe (3) thru (6) .....
187	296004	Pipe - Fuel (1)(2)(6) .....
	394045	Pipe - Fuel (5) .....
188	93535	Screw - Sem (1)(2) .....
198	293934	Valve - Fuel Shut - Off (1)(2) ...
199	390303	Connector - Fuel Pipe (1)(2) ...
200	221760	Guide - Air .....
201	260971	Link - Governor (1) thru (4) ....
	261611	Link - Governor (5)(6) .....
209	260871	Spring - Governor .....
216	261117	Link - Choke (1) thru (4) .....
	261612	Link - Choke (5)(6) .....
219	392718	Oil Slinger, Gov. Gear and Bracket Ass'y .....
222	390662	Plate - Gov. Control (1) thru (4)
	396199	Plate - Gov. Control (5)(6) .....
225	231058	Crank - Governor, 1/4" Dia. ....
227	391733	Lever Ass'y - Governor, For 1/4" Dia. Crank .....
230	222450	Washer - Governor Lever, 1/4" I.D. .....
232	260584	Spring - Gov. Link (1) thru (4)
	261911	Spring Gov. Link (5)(6) .....
240	298090	Fuel Filter (5)(6) .....
265	221535	Clamp - Casing .....
284	93804	Screw - Clamp Mtg. (1)(3) .....
300	393010	Muffler - Exhaust (Round Lo-Tone) .....
302	261409	Locknut - Muffler and Elbow ...
304	299853	Housing Blower (1)(3)(5) .....
	299392	Housing Blower (2)(4)(6) .....
305	93158	Screw - Blower Housing Mtg. Sem. .....
306	222830	Shield - Cylinder .....
307	93163	Screw - Cylinder Shield Mtg. Sem. .....

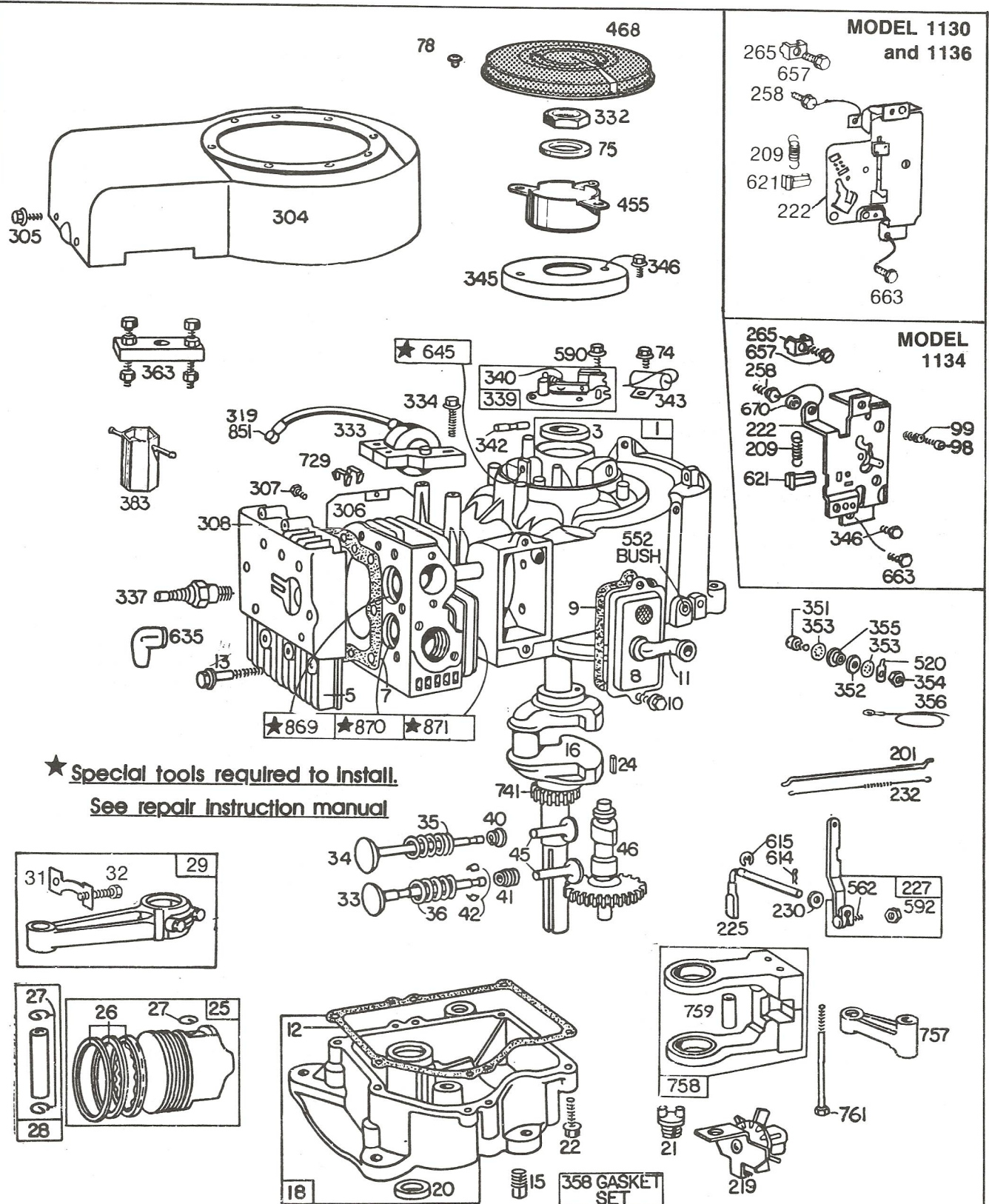
\* Included in Carburetor Kit 299852

REF. NO.	PART NO.	DESCRIPTION
308	222636	Cover - Cylinder Head .....
309		Motor - Starting (12 Volt) .....
		See Chart for Replacement Parts for Starting Motors on Page 19 (2)(4) .....
319	395326	Armature Ass'y (Less Trigger Coil) (6) .....
332	92284	Nut - Flywheel (4)(6) .....
333	298968	Armature Ass'y (1) thru (4) ....
	395492	Armature Ass'y (5)(6) .....
334	93381	Screw - Armature Mounting Sem. .....
337	298809	Plug - Spark, 1 - 1/2" high - 37 - 42 MM) .....
		Note: Spark Plugs use Ignition Cable Terminal No. 221798. (With Gasket 1 - 1/2" Resistor Type.) (2) .....
	293918	Plug - Spark, 1 - 1/2" high (Register Type) (1)(3)(4)(5) (6) .....
340	26018	Spring - Breaker Arm (1) thru (4) .....
341	93381	Screw - Breaker Arm Mounting Sem. (1) thru (4) .....
342	65704	Plunger - Breaker Point (1) thru (4) .....
345	222117	Cover - Breaker Point (1) thru (6) .....
346	93705	Screw - Hex. Hd. (2) thru (6) ...
	93014	Screw - Hex. Hd. (1) .....
351	91920	Screw - Fill. Hd. ....
352	66068	Washer - Insulating .....
353	92791	Washer - Lock - Shakeproof ...
354	90576	Nut - Hex., 8 - 32 .....
355	66554	Collar - Insulating .....
356	299500	Wire - Ground .....
358	299577	Gasket Set .....
363	19203	Puller - Flywheel .....
372	220477	Clamp - Condenser (1) thru (4)
373	92987	Nut - Hex (2)(2)(3)(5) .....
375	294628	Breaker Points and Condenser Set (1) thru (4) .....
		Clamp - Oil Filler Tube (1)(2)
422	222502	Screw - Sem (1)(4) .....
423	93410	Screw - Sem (6) .....
	93984	Cup Screen Mounting (4)(6) ...
455	222561	Screen Flush Rotating (4)(6) ...
468	222562	Screw - Sem (2)(4)(6) .....
482	93621	Spring - Connector (1) thru (4)
516	260374	Terminal - Spade .....
520	93722	Cap and Dipstick - Oil Filler (1) (2) .....
523	391840	Seal - Filler Tube (1)(2) .....
524	68838	Tube - Oil Filler (1)(2) .....
525	280133	Clamp (1)(2) .....
527	221428	Screw - Air Cleaner .....
534	93622	Screw - Air Cleaner .....
534A	93323	Element - Air Cleaner .....
535	270528	Cleaner Ass'y - Air .....
536	390379	Gasket - Air Cleaner .....
537	270539	Bushing - Governor Crank, 1/4" I.D. ....
552	231055	

(1) Model 190702 - 1174 (4) Model 190707 - 1182  
 (2) Model 190707 - 1166 (5) Model 190702 - 2142  
 (3) Model 190702 - 1183 (6) Model 190707 - 2141

PURCHASE PARTS FROM YOUR BRIGGS & STRATTON OUTLET

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
562	92613	Bolt - Governor Lever .....	726	392134	Gear - Ring (Aluminum) (In cludes Mounting Parts) (2)(4) (6) .....
592	231082	Nut - Hex., 10 - 24 .....	727	390233	Cover & Shield Starter (4) .....
601	93053	Clamp - Fuel Pipe (1)(2)(5)(6)		395405	Cover & Shield Starter (6) .....
608	390391	Starter Ass'y - Rewind (1)(2)(3) (5) .....	728	93523	Screw - Sem (4) .....
614	93306	Cotter - Hair Pin .....		93535	Screw - Sem (6) .....
615	93307	Retainer - E - Ring .....	729	221907	Clip - Wire (1) thru (4) .....
618	261116	Spring - Choke Return .....	741	261195	Timing Gear (5) .....
634	270382	Washer - Choke Shaft .....	842	207920	Seal - Filler Cap (1)(2) .....
635	66538	Elbow - Spark Plug .....	847	392066	Filler Cap (1)(2) .....
643	222149	Cup - Air Cleaner (3) thru (6)	851	221798	Terminal - Ignition Cable .....
645	23513	Bushing - Plunger (1) thru (4)	869	211661	Seat - Intake Valve (Standard)
655	222598	Anchor - Spring .....	870	211661	Seat - Exhaust Valve (Stand ard) .....
657	93496	Screw - Sem .....	871	230655	Guide - Exhaust Valve (1) thru (4) .....
662	222027	Bracket - Carburetor .....		231218	Guide - Exhaust Valve (5)(6) ...
663	93572	Screw .....	877	393814	Doide & Conn. Ass'y (2)(4)(6)
670	22963	Spacer - Fuel Tank (4 Used on Engines with no Electric Starter) (1)(2) .....	878	393422	Alt. Harness Ass'y (2)(4) .....
676	22292	Deflector - Exhaust (1) thru (4)	887	391529	Stator Alternator DC (2)(4)(6)
	393757	Deflector - Exhaust (5)(6) .....	897	394970	Trigger Coil (5)(6) .....
683	93804	Screw (2) .....	952	222495	Air Cleaner Spacer (6) .....
	93572	Screw (1) .....	953	222022	Air Cleaner Screen (6) .....
725	222175	Shield - Fuel Pipe, Heat (1)(2)			



★ **Special tools required to install.**  
 See repair instruction manual

**BRIGGS & STRATTON ENGINE MODEL 1134 (252702-0225)**  
**MODEL 1130 and 1136 (252702-0647)**

**BOLENS RIDING MOWER.**

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	393676	Cylinder Assembly (1)	40	221596	Retainer - Intake Valve
3	396324	Cylinder Assembly (2)	41	292260	Rotocoil - Exhaust Valve
	391086	Seal- Oil	42	93630	Retainer - Exhaust Valve Rotocoil
5	212300	Head - Cylinder	45	261183	Tappet - Valve
7	*271075	Gasket - Cylinder Head	46	212296	Gear - Cam
8	391406	Breather Assembly	52	*270872	Gasket - Carburetor Mounting
9	*27803	Gasket - Valve Cover	74	93042	Screw - Sem (1)
10	93394	Screw - Sem	75	220865	Washer - Spring
11	280100	Tube - Breather	78	93808	Screw - Sem (1)
12	*270808	Gasket - Crankcase Cover - 1/64" Thick		93805	Screw - Sem (2)
	*270915	Gasket - Crankcase Cover - .005" Thick	94	†292681	Valve Assembly - Carburetor Idle
	*270916	Gasket - Crankcase Cover - .009" Thick	95	93499	Screw - Throttle and Choke Valve Mtg. Sem
13	93723	Screw - Cylinder Head (3" Lg.)	98	91920	Screw - Machine, Fill. Hd. 8032 x 5/8"
15	91084	Plug - Oil Drain	99	26157	Spring - Throttle Adjustment
16	392299	Crankshaft	101	93043	Pin - Throttle Stop
18	391784	Sump - Oil	104	†230896	Pin - Float Hinge
20	291675	Seal - Oil	108	222010	Valve Choke
21	66768	Plug - Oil Filler	118	†391233	Valve - Needle
22	93585	Screw - Sump Mounting Sem	121	299852	Carburetor Overhaul Kit
23	391988	Flywheel and Ring Gear Assy. - Magnetor	123	93357	Screw - Carburetor Mtg.
24	61760	Key - Flywheel (1)	125	393410	Carburetor Assembly (Choke-A- Matic)
	222698	Key - Flywheel (2)	126	391787	Body Assembly Carburetor
25	391285	Piston Assy. - Standard	127	†221997	Plug - Welch
	391287	Piston Assembly - .010" O.S.	128	221960	Venturi - Carburetor
	391288	Piston Assembly - .020" O.S.	130	222858	Valve - Throttle
	391289	Piston Assembly - .030" O.S.	131	391512	Shaft and Lever - Throttle
PISTON RING SETS:			132	211712	Stop - Throttle
	NOTE:	For Chrome Ring Set - Standard Size - order No. 392331.	133	299707	Float - Carburetor
26	391780	Ring Set - Piston - Std.	134	†299096	Valve - Fuel Inlet
	391781	Ring Set - Piston .010" O.S.	136	221995	Bowl - Float
	391782	Ring Set - Piston .020" O.S.	137	†270511	Gasket - Float Bowl
	391783	Ring Set - Piston .030" O.S.	138	†222014	Washer - Float Bowl
27	260924	Lock - Piston Pin	141	390684	Shaft and Lever - Choke
28	299691	Pin Assembly - Piston - Standard	142	†299740	Nozzle - Carburetor
	391286	Pin Assembly - Piston - .005" O.S.	147	†230932	Screw - Nozzle
29	391775	Rod Assy. - Connecting	186	67218	Connector, Fuel Pipe
31	222299	Lock - Conn. Rod Screw	187	394045	Fuel Line (10" long) (2)
32	93909	Screw - Conn. Rod	201	261198	Governor Link (1)
33	261185	Valve - Exhaust		261609	Governor Link (2)
34	261462	Valve - Intake	209	261306	Spring - Governor
35	65906	Spring - Intake Valve	216	261274	Link - Choke (1)
36	26828	Spring - Exhaust Valve		261610	Link - Choke (2)
			219	391764	Oil Slinger, Governor Gear and Bracket Assembly
			222	390662	Plate - Governor Control (1)
				396199	Plate - Governor Control (2)
			225	231058	Crank - Governor (1/4" Dia)

\* Included in Gasket Set -  
Part No. 393411.

† Included in Carburetor Overhaul  
Kit - Part No. 299852.

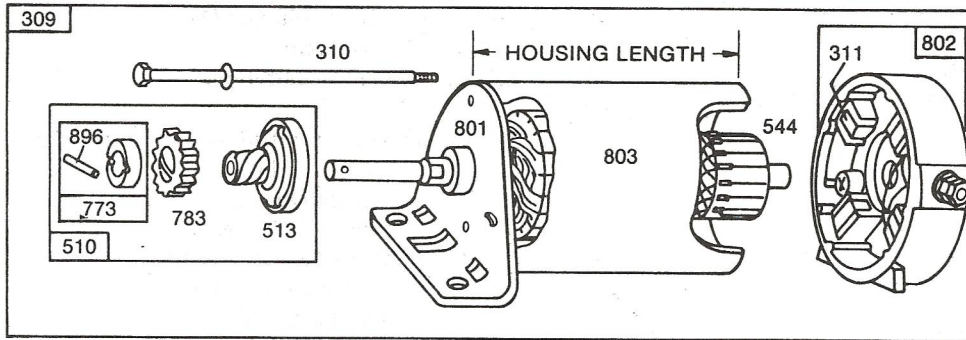
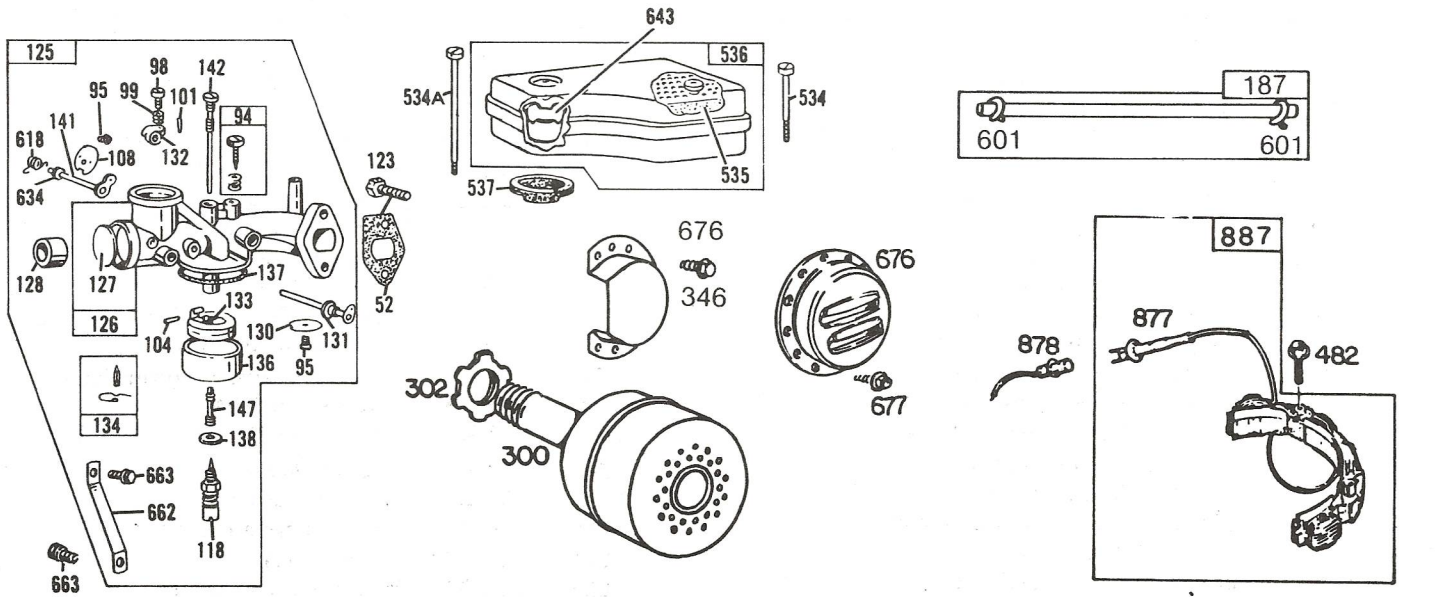


MODELS 1130, 1134 AND 1136

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
227	391733	Lever Assy. - Governor (For 1/4" Dia. Crank)	455	222561	Screen Mounting Cup
230	222450	Washer - Governor Crank (1/4" I.D.)	468	222562	Flush Rotating Screen
232	261197	Spring - Governor Link (1)	482	93621	Screw - Sem
	261911	Spring - Governor Link (2)	520	93722	Terminal
240	261197	Fuel Filter (2)	534	93622	Screw - Air Cleaner
258	93686	Screw - Control Bracket Mounting	534A	93323	Screw - Air Cleaner
265	221535	Clamp - Casing	535	270843	Element - Air Cleaner
300	391569	Muffler - Exhaust	536	391786	Cleaner Assembly - Air
302	261564	Locknut - Muffler	537	270853	Gasket - Air Cleaner
304	391556	Housing - Blower	552	231055	Bushing - Governor Crank (1/4" I.D.)
305	93158	Screw - Blower Housing Mounting Sem	562	92613	Bolt - Governor Lever
306	222744	Shield - Cylinder	590	93226	Screw - Breaker Adjusting Sem (1)
307	93163	Screw - Cylinder Shield Mtg. Sem	592	231082	Nut - Hex., 10-24
308	222725	Cover - Cylinder Head	601	93053	Fuel Pipe Clamp (2)
309		Motor - Starting (12 Volt) See Chart on Page 26 for Replacement Parts for Starting Motors.	614	93306	Cotter - Hair Pin
319	395326	Armature Assembly (Less Trigger Coil) (2)	615	93307	Retainer - E-Ring
332	92284	Nut - Hex.	618	26116	Spring - Choke Return
333	298968	Armature Assembly (1)	621	297472	Switch - Stop
	395492	Armature Group (2)	634	270382	Washer - Choke Shaft
334	93381	Screw - Armature Mounting Sem	635	66538	Elbow - Spark Plug
337	293918	Plug - Spark (Resistor Type 1-1/2" high)	643	280118	Support - Air Cleaner Element
339	391284	Breaker Assy. - Ignition (1)	645	23513	Bushing - Plunger (1)
340	26018	Spring - Breaker Arm (1)	657	93496	Screw - Sem
342	65704	Plunger - Breaker Point (1)	662	222311	Bracket - Carburetor
343	29861	Condenser (1)	663	93572	Screw
345	222309	Cover - Breaker Point (1)	670	231039	Spacer - Control Bracket Mounting (1)
346	93705	Screw - Sem	676	222573	Deflector - Muffler (Lourved Outlet) (1)
351	91920	Screw - Terminal (Fillister Hd.)		393761	Deflector - Muffler (2)
352	66068	Washer - Insulating	677	93705	Screw - Muffler Deflector (1)
353	92791	Washer - Lock - Shakeproof	726	392134	Gear - Ring (Includes mounting parts)
354	90576	Nut - Hex. - 8-32 (2)	727	390233	Cover and Shield Starter (1)
355	66554	Collar 0 Insulating		395405	Starter Cover (Includes mounting screws) (2)
356	391602	Wire-Ground (1)	728	93523	Screw - Sem
	NOTE:		729	221907	Clip - Wire (1)
	391255	Wire - Jumper Used in addition to No. 391602 Ground Wire on Type Nos.	741	261196	Gear - Timing
	299500	Ground Wire (2)	757	212359	Link - Counter weight
	<b>Note:</b>	391255 Jumper Wire. Used in addition to No. 299500	758	391373	Counterweight Assy.
358	393411	Gasket Set	759	298909	Pin - Counterweight
363	19203	Puller = Flywheel	761	93875	Screw - Counterweight
383	89838	Wrench - Spark Plug	851	221798	Terminal - Ignition Cable
423	93410	Screw - Sem (1)	869	261463	Seat - Intake Valve (Standard)
	93984	Screw, Sem (2)	870	210940	Seat - Exhaust Valve (Standard)
			871	230655	Guide - Exhaust Valve (1)
				231218	Guide - Exhaust Valve (2)
			877	393814	Diode and Connector Assy. (D.C.)
			878	393422	Alternator Harness Assy. (1)
			887	391529	Stator Assembly - Alternator (D.C.)
			897	394970	Trigger Coil (2)

(1) Model 1134  
(2) Model 1130 & 1136

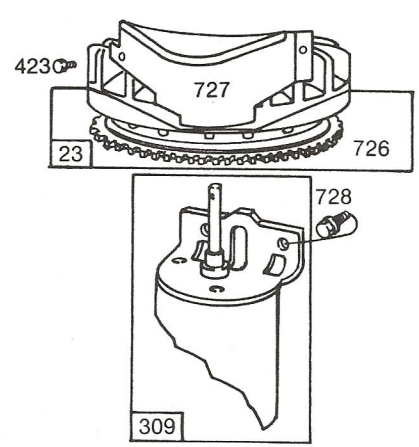
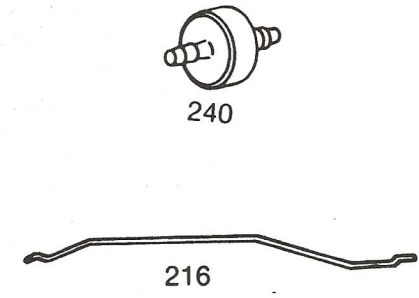
# BOLENS RIDING MOWER



Assemblies include all parts shown in frames.

Subject	Ref. No. 309	Ref. No. 510	Ref. No. 801	Ref. No. 544	Ref. No. 803	Ref. No. 802	Ref. No. 311	Ref. No. 310
Starter Motor Mfr. Briggs & Stratton	Motor and Drive Assy	**Drive Assembly	End Cap Assy Drive	Armature Assembly	Housing Assembly	End Cap Assy Commutator*	Brush Assembly	Thru Bolt Assembly
12V	3-21/32"	394805	391461	394856	392747	393825	395537	395538 94003

Includes Brush Set  
 Includes #391135 Clutch Assembly (Ref. No. 513) #391462 Retainer and Pin (Ref. No. 773)  
 #280104 Gear (Ref. No. 783) #93754 Roll Pin (Ref. No. 896)



## CARBURETOR ASSEMBLY MODELS 1130, 1134 and 1136