



Bolens

Pièces détachées

Autoportée



13042-13HP

13043-15HP

13046-16HP



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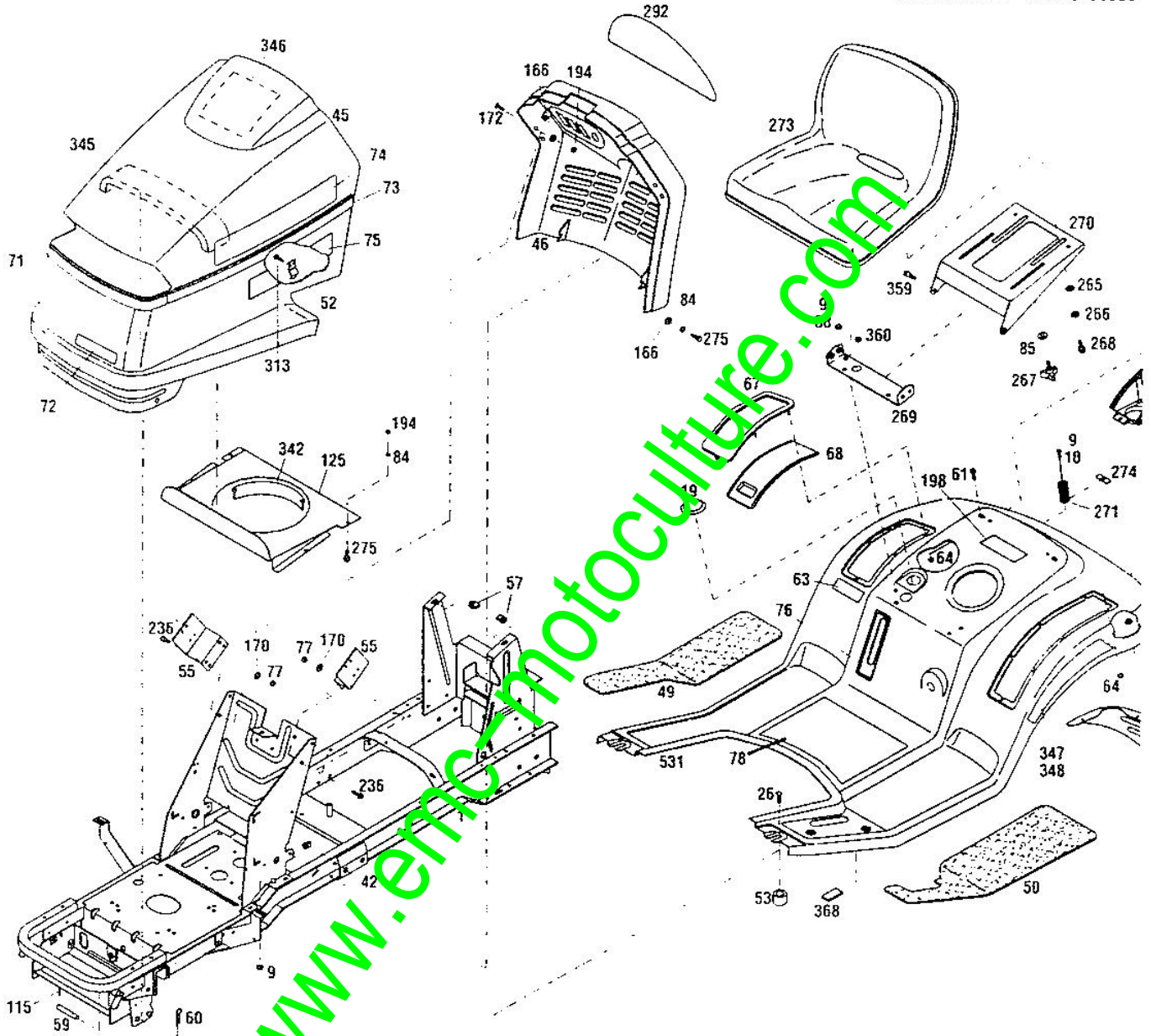
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BOLENS TRACTOR

BODY & TRIM ASSEMBLY

S/N 130420100101 - 130420199999
130430100101 - 130430199999

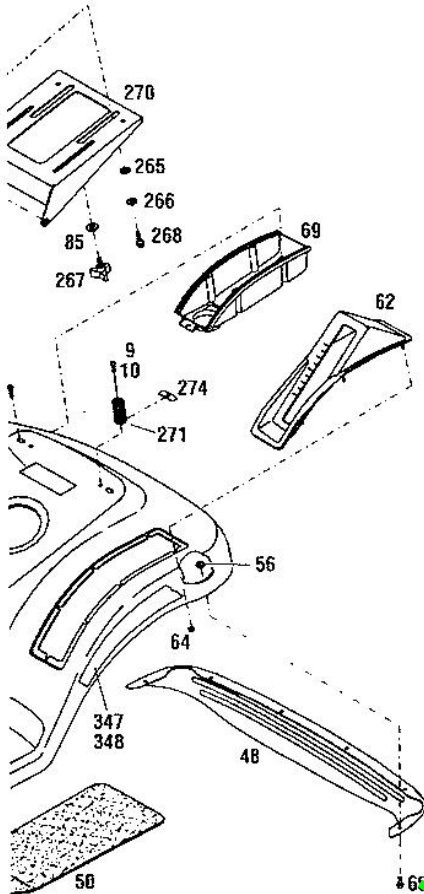
130460100101 - 130460199999



Ref #	Part #	Description	Qty.	Ref #	Part #	Description	Qty.
1	1765435001	Frame Ass'y (A) (B) (C)	1	50	1765371	L.H. Foot Pad	1
	1765440001	Frame Ass'y (D) (E)	1	52	1765384	Latch	2
9	1186391	Fl. Nut, 5/16-18	8	53	1730681	Spacer	2
10	1100044	Hex Hd. Cap Screw, 5/16-18 x 3/4	2	55	1768775001	Mounting Bracket Ass'y	2
19	1768787	Plug (A) (B) (C)	1	56	1186389	Fl. Nut, 1/4-20	6
26	1186100	Carriage Bolt, 5/16-18 x 1	2	57	1761680	Self Retaining Nut, 5/16-18	2
42	1185893	Tinnerman U-Nut, 1/4-20	2	59	1765497	Hood Pivot Pin	1
45	1766338	Hood	1	60	1723478	Cotter Spring, 1/8	3
46	1765376	Console	1	61	1186330	Screw, 5/16-18 x 7/8	1
48	1765331021	Rear Fender Trim	1	62	1766139	Lift Handle Cover	1
49	1765370	R.H. Foot Pad	1	64	1767998	Self-Threading Nut, 1/4	12

MODELS 13042, 13043,

13046



Ref #	Part #	Description	Qty.
	1766400	Decal, Model (E)	2
77	1186230	Hex Nut, 5/16-18	4
76	1766140	Decal, Fuel Level	1
78	1766142	Decal, Tunnel	1
84	1100241	Lock Washer, 1/4 SAE	2
85	1107383	Flat Washer, 3/8	2
88	1186097	Carriage Bolt, 5/16-18 x 5/8	2
115	1120210	Drive Pin, 3/16 x 1	2
125	1767873001	Upper Heat Shield	1
166	1720883	Washer, 1/4 I.D. x 1-1/4 O.D.	2
170	1100242	Lock Washer, 5/16	4
172	1816081	Soc. Hd. Screw, 1/4-20 x 5/8	2
194	1186229	Hex Nut, 1/4-20	2
198	1767877	Decal, Fuel	1
236	1185329	Fl. Screw, 5/16-18 x 3/4	4
265	1795733	Nylon Washer	2
266	1706732	Bowed Washer	2
267	1734269	Adjusting Knob	2
268	1754125	Shoulder Bolt	2
269	1766075001	Seat Bracket	1
270	1766074001	Seat Support	1
271	1766077	Compression Spring	2
273	1766161	Seat	1
274	1766347	Spring Hold Down Brkt.	2
275	1111599	Screw, 1/4-20 x 5/8	6
292	1766349	Lens (Warning Lights) (A) (B) (D)	1
	1764887	Lens (Warning Lights) (C) (E)	1
313	1185712	Self-Threading Screw	4
342	1767897	Heat Shield Gasket	1
345	1767898	Sealing Strip	1
346	1765397	Decal, Service	1
347	1767887	Decal, L.H. Rear Stripe	1
348	1767888	Decal, R.H. Rear Stripe	1
359	1100913	Hex Hd. Cap Screw, 3/8-16 x 7/8	2
360	1110108	Lock Nut, 3/8-16	2
368	1767995	Pad	1
531	1768715	Rear Fender (Incl. Refs. 78 & 198)	1

Ref #	Part #	Description	Qty.
65	1186309	Fl. Screw, 1/4-20 x 1/2	6
67	1765493	Storage Top	1
68	1765492	Container Cover	1
69	1765494	Storage Container	1
71	1766393	Decal, Front Stripe	1
72	1766391	Decal, Logo	1
73	1766392	Decal, Side Stripe	2
74	1766390	Decal, Logo	2
75	1767817	Decal, Model (A)	2
	1767818	Decal, Model (B)	2
	1766399	Decal, Model (C) (D)	2

- (A)—Model 13042
- (B)—Model 13043
- (C)—Model 13044
- (D)—Model 13046
- (E)—Model 13047

MODELS 13042, 13043,

13046

Ref #	Part #	Description	Qty.	Ref #	Part #	Description	Qty.
1	1765435001	Frame Ass'y (A) (B) (C)	1	85	1107383	Flat Washer, 3/8.....	6
	1765440001	Frame Ass'y (D) (E)	1	91	1732499	Lock Nut, 5/16-18.....	4
2	1766050001	Rear Tank Support.....	1	162	1761874001	Upper Heat Shield.....	1
3	1766082001	Attachment Bracket Ass'y.....	1	181	1767885	Pad.....	2
4	1766336001	Bumper	1	236	1186329	Fl. Screw, 5/16-18 x 3/4.....	4
5	1765431001	Fender Support.....	2	309	1741738	J-Clamp	1
6	1765446001	Console Support.....	1	349	1767867	R.H. Pivot Plate.....	1
7	1766086001	Mower Stop (D) (E)	2	350	1767868	L.H. Pivot Plate	1
9	1186391	Fl. Nut, 5/16-18.....	10	353	1767963001	Heat Shield (not on A)	1
10	1100044	Hex Hd. Cap Screw, 5/16-18 x 3/4.....	10				
11	1100046	Hex Hd. Cap Screw, 3/8-16 x 1.....	8			(A)—Model 13042	
12	1100799	Hex Hd. Cap Screw, 5/16-18 x 1-3/4.....	1			(B)—Model 13043	
14	1107382	Flat Washer, 5/16.....	2			(C)—Model 13044	
56	1186389	Fl. Nut, 1/4-20.....	1			(D)—Model 13046	
60	1723478	Cotter Spring, 1/8.....	2			(E)—Model 13047	
65	1186309	Fl. Screw, 1/4-20 x 1/2.....	1				

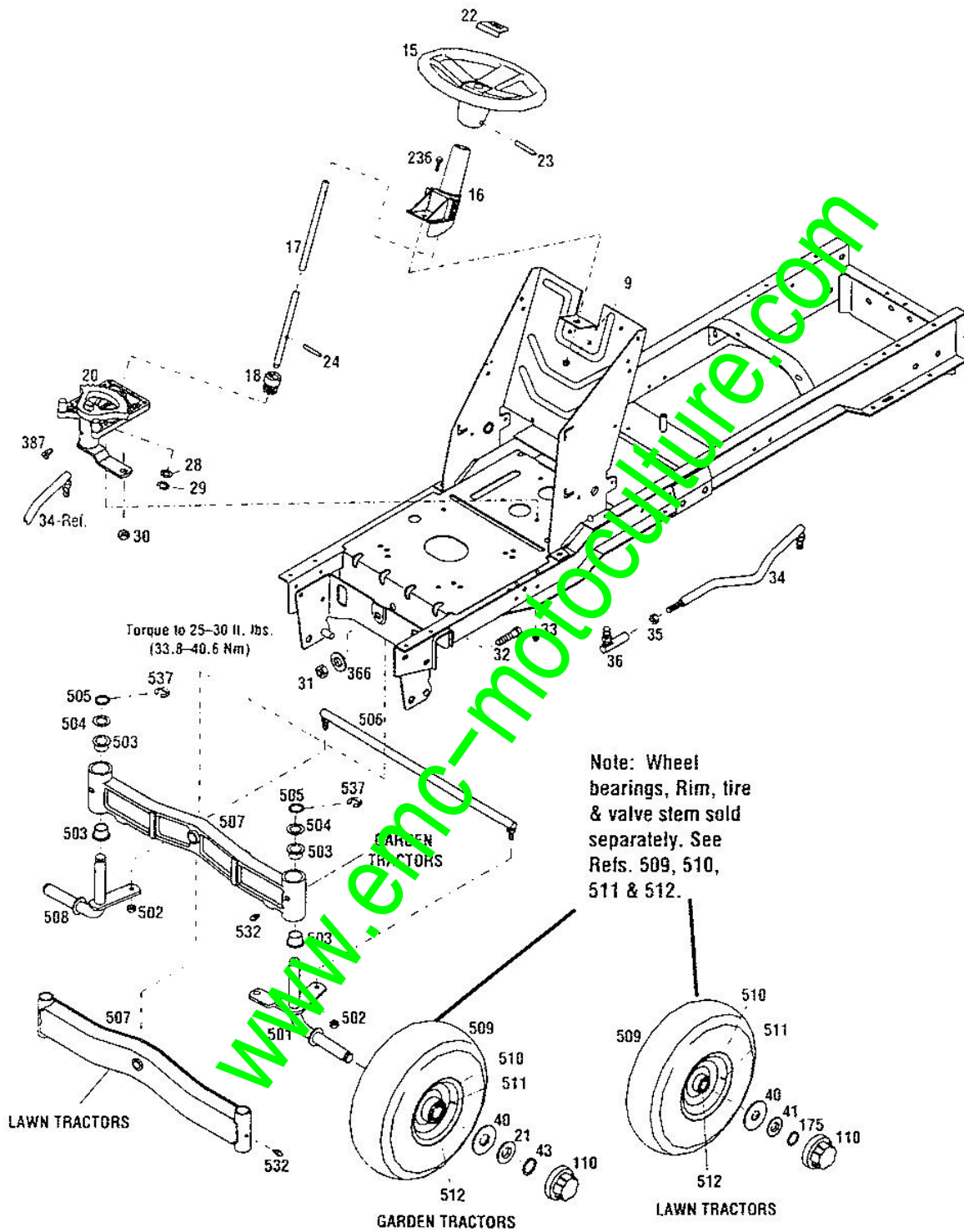
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BOLENS TRACTOR

S/N 130420100101 - 130420199999
130430100101 - 130430199999

STEERING ASSEMBLY

130460100101 - 130460199999



MODELS 13042, 13043,

13046

Ref #	Part #	Description	Qty.	Ref #	Part #	Description	Qty.
1	1765435001	Frame Ass'y (A) (B) (C)	1	387	1731504	Grease Fitting	1
	1765440001	Frame Ass'y (D) (E)	1	501	1765263001	L.H. Spindle Ass'y (A) (B) (C)	1
9	1186391	Fl. Nut, 5/16-18	39		1765316001	L.H. Spindle Ass'y (D) (E)	1
15	1766027	Steering Wheel	1	502	1110150	Selflock Nut, 3/8-24	2
16	1765443	Cannon Steer Support	1	503	1764140	Axle Bushings (A) (B) (C)	4
17	1765010	Steering Shaft	1		1752535	Flange Bearing (D) (E)	4
18	1765243	Pinion Gear	1	504	1701447	Special Washer, 3/4 (A) (B) (C)	4
20	1768771	Steering Gear Ass'y	1		1703073	Thrust Washer, 1 (D) (E)	2
21	1703073	Fl. Washer, 1 x 1-1/2	2	505	1185689	Retaining Ring, Ext.	2
22	1766222	Steering Cap	1	506	1765009001	Tie Rod	1
23	1185284	Roll Pin, 1/4 x 2-1/4	1	507	1765169001	Front Axle Casting (A) (B) (C)	1
24	1185348	Drive Pin, 1/4	1		1765322001	Front Axle Casting (D) (E)	1
28	1705092	Special Washer, 5/8 x 1	1	508	1765004001	R.H. Spindle Ass'y (A) (B) (C)	1
29	1177567	Retaining Ring, 5/8	1		1765317001	R.H. Spindle Ass'y (D) (E)	1
30	1768796	Locking Jam Nut, 1/2-20	2	509	1762254	Tire, 15 x 6.00 GRS, (A) (B) (C)	2
31	1758231	Top Lock Nut, 5/8-11	1		1768792	Tire, 16 x 6.50-8, Mult Trac GS (D) (E)	2
32	1767953	Hex Hd. Cap Screw	1*	510	1766073	Rim Ass'y <i>part 161</i>	2
33	1766984	Fl. Lock Screw, 5/16-18 x 3/4	4	511	1718086	Valve Stem	2
34	1765315	Drag Link	1	512	1767273	Wheel Bearings (A) (B) (C)	4
35	1186247	Hex Jam Nut, 1/2-20	1		1756524	Wheel Bearings (D) (E)	4
36	1716180	Bail Joint	1	532	1185976	Grease Fitting	2
40	1766241	Special Washer, 3/4 (A) (B) (C)	4	537	1185388	Retaining Ring (A) (B) (C)	2
	1766242	Special Washer, 3/4 x 2-1/2 (D) (E)	4				
41	1185830	Special Washer, 3/4 x 1-3/8	2				
43	1185689	Retaining Ring (D) (E)	4				
110	1766215	Hub Cap	4				
175	1185388	Retaining Ring	2				
236	1186329	Fl. Screw, 5/16-18 x 3/4	9				
366	1100266	Flat Washer	1				

(A)—Model 13042
 (B)—Model 13043
 (C)—Model 13044
 (D)—Model 13046
 (E)—Model 13047

* part 15" 1767273 (13042-13043)
 * part 16" 1766073 (13046)

MODELS 13042 & 13043

Ref #	Part #	Description	Qty.	Ref #	Part #	Description	Qty.
1	1765435001	Frame Ass'y	1	325	*	Engine, 13 HP (A)	1
56	1186389	Fl. Nut, 1/4-20	6		*	Engine, 15 HP (B)	1
65	1186309	Fl. Screw, 1/4-20 x 1/2	6	327	1755341	Electric Control	1
70	1107381	Flat Washer, 1/4	2	328	1744455	Special Washer	1
82	1100069	Hex Cap Screw, 1/4-20 x 1	2	329	1767165	Hex Hd. Cap Screw, 7/16-20 x 3	1
84	1100241	Lock Washer, 1/4 SAE	2	331	1754787	Clutch Retainer	1
85	1107383	Flat Washer, 3/8	1	332	1748146	Sq. Key, 1/4 x 2-1/2	1
114	1768194	Thd. Form. Screw, 3/8-16 x 1-1/2	2	333	1766119001	Control Mounting Bracket	1
117	1758940	Muffler Deflector	1	334	1100241	Spring Lock Washer, 7/16	1
160	1766201	Engine Sheave	1	335	1762042	Hex Hd. Screw, 3/8-16 x 1	1
163	1186231	Hex Nut, 3/8-16	2	337	1185140	Special Lock Washer	2
167	1100243	Lock Washer, 3/8	1	338	1747900	Screw, 5/16-18 x 3/4	2
191	1754128	Fl. Screw, 1/4-20 x 3/4 (not on A)	1	339	1755340	Spacer (A)	1
219	1752694	Trim	1	351	1750687	Hose Clamp	2
278	1735531	Cable Tie	2	352	1767879	Fuel Line	1
315	1766341	Fuel Tank Pad	1	373	1727591	Fuel Filter	1
316	1766188	Fuel Cap	1	514	*	Muffler Gasket	1
317	1765404	Fuel Tank (Incl. Refs. 533, 534 & 535)	1	533	1738433	Bushing	1
318	1767983	Throttle Control	1	534	1751477	Fuel Tank Elbow	1
319	1767982	Choke Control	1	535	1768804	Fuel Tank Vent	1
320	1766327	Oil Drain Hose	1				
321	1766326	Oil Drain Cap	1				
322	1766325	Oil Valve Ass'y	1				
323	1766121	Control Knob	2				
324	1766297	Muffler (A)	1				
	1766298	Muffler (B)	1				

* Purchase engine parts from your Briggs & Stratton dealer.
Refer to engine for type and code.

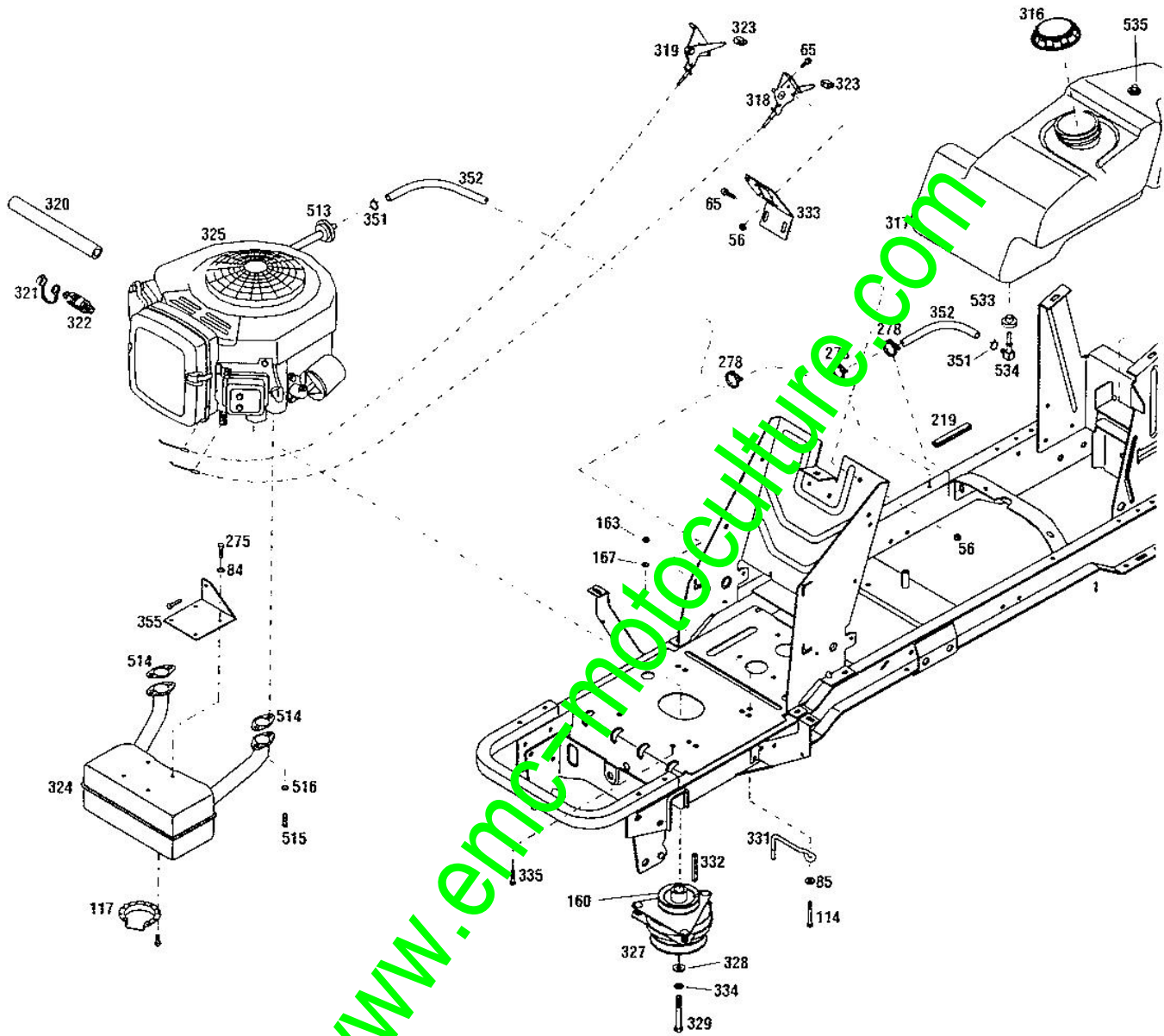
(A)—Model 13042
(B)—Model 13043

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BOLENS TRACTOR

16 & 18 HP ENGINE ASSEMBLY

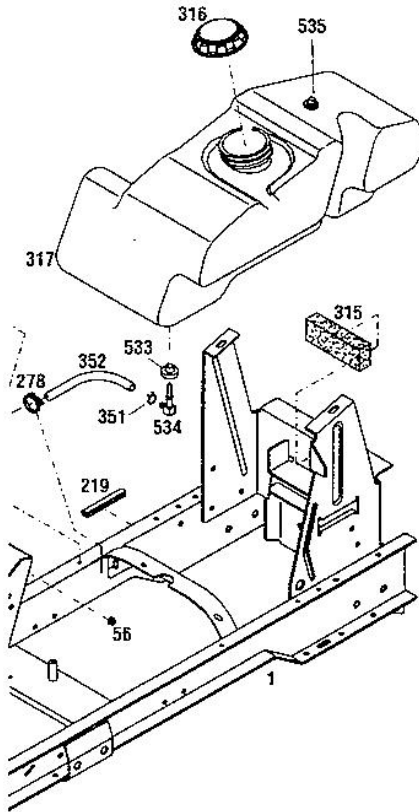
S/N 130440100101 - 130440199999
 130460100101 - 130460199999
 130470100101 - 130470199999



Ref #	Part #	Description	Qty.
1	1765440001	Frame Ass'y	1
56	1186389	Fl. Nut, 1/4-20.....	2
65	1186309	Fl. Screw, 1/4-20 x 1/2.....	4
84	1100241	Lockwasher, 1/4	4
85	1107383	Flat Washer, 3/8.....	1
114	1768194	Thd. Form. Screw, 3/8 x 1-1/2.....	2
117	1758940	Muffler Deflector	1
160	1766201	Engine Sheave	1
163	1186231	Hex Nut, 3/8-16	5
167	1100243	Lock Washer, 3/8.....	3
219	1752694	Trim.....	1

MODELS

13046



Ref #	Part #	Description	Qty.
324	1766299	Muffler	1
325	*	Engine, 16 HP (C) (D).....	1
	*	Engine, 18 HP (E)	1
327	1755341	Electric Clutch.....	1
328	1744455	Special Washer.....	1
329	1767165	Hex Hd. Cap Screw, 7/16-20 x 3-1/4	1
331	1754787	Clutch Retainer	1
332	1748146	Sq. Key, 1/4 x 2-1/2.....	1
333	1766119001	Control Mounting Bracket.....	1
334	1100244	Spring Lockwasher, 7/16.....	1
335	1762042	Hex Hd. Screw, 3/8-16 x 1.....	2
351	1750687	Hose Clamp	2
352	1767879	Fuel Line	1
355	1767903001	Muffler Bracket	1
513	172749	Fuel Filter	1
514		Muffler Gasket	2
515	1700069	Hex Hd. Screw, 1/4-20 x 1.....	4
516	1100241	Lock Washer, 1/4.....	4
533	1738433	Bushing	1
534	1751477	Fuel Tank Elbow.....	1
535	1768804	Fuel Tank Vent.....	1

* Purchase engine parts form your Briggs & Stratton dealer. Refer to engine for type and code.

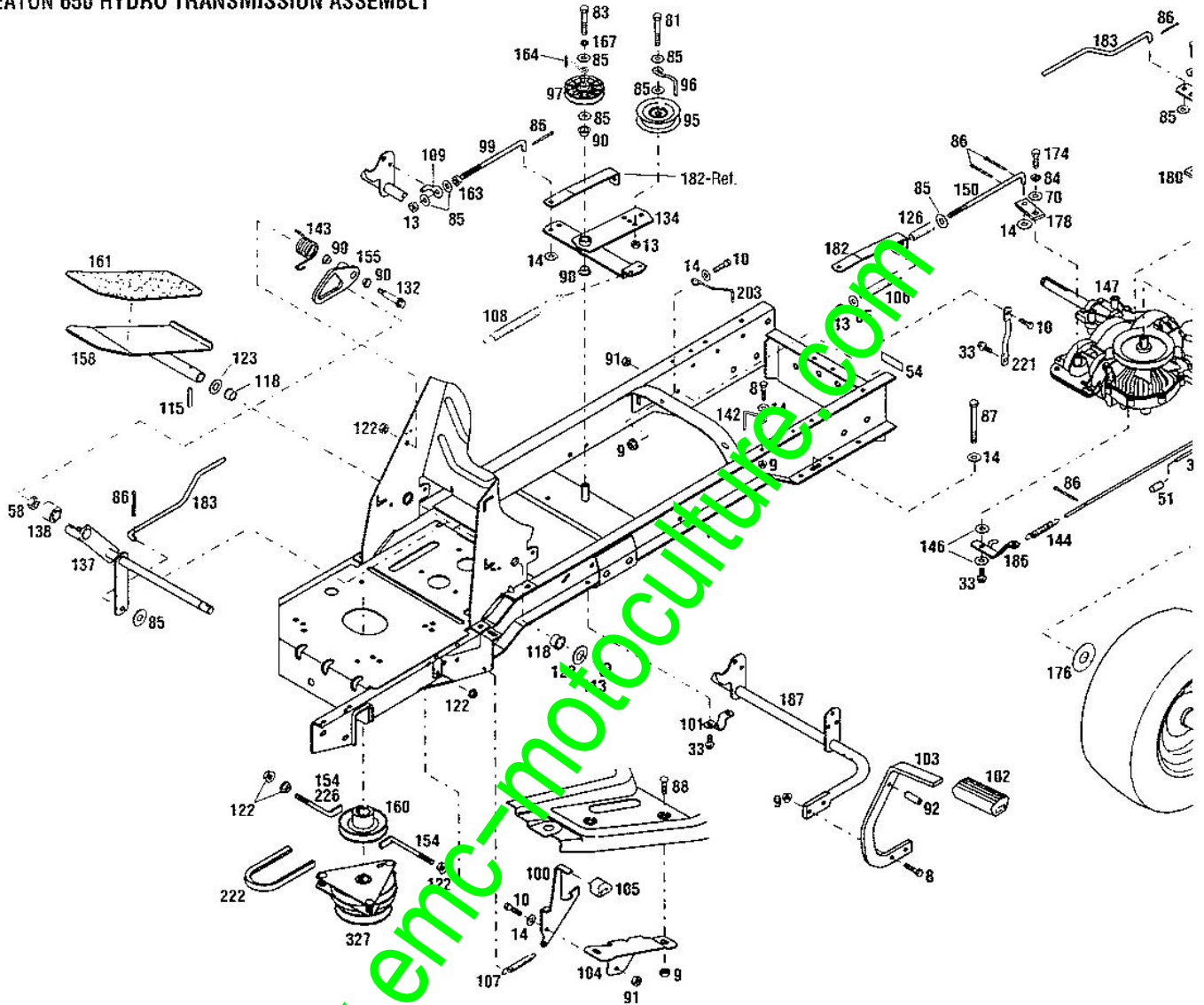
- (C)—Model 13044
- (D)—Model 13046
- (E)—Model 13047

Ref #	Part #	Description	Qty.
275	1111599	Screw, 1/4-20 x 5/8.....	4
278	1735531	Cable Tie.....	5
315	1766341	Fuel Tank Pad	1
316	1766188	Fuel Cap.....	1
317	1765404	Fuel Tank (Incl. Refs. 533, 534 & 535)	1
318	1758800	Throttle Control.....	1
319	1755926	Choke Control.....	1
320	1766327	Oil Drain Hose.....	1
321	1766326	Oil Drain Cap.....	1
322	1766325	Oil Valve Ass'y	1
323	1766121	Control Knob	2

BOLENS TRACTOR

S/N 130420100101 - 130420199999
130430100101 - 130430199999

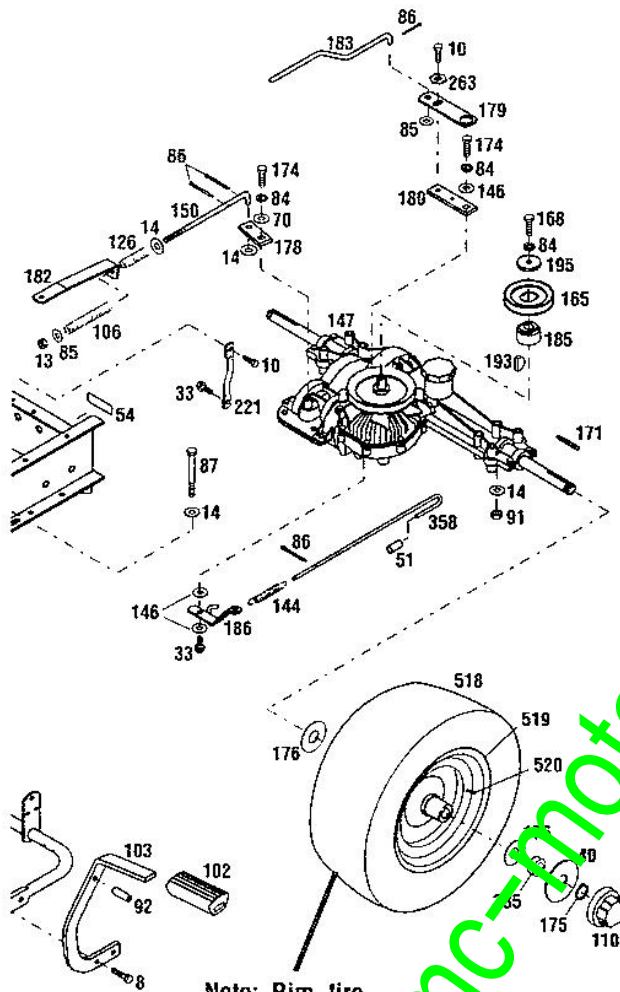
EATON 650 HYDRO TRANSMISSION ASSEMBLY



Ref #	Part #	Description	Qty.	Ref #	Part #	Description	Qty.
1	1765435001	Frame As'y	1	83	1100086	Hex Cap Screw, 3/8-16 x 1-3/4	1
8	1100045	Hex Hd. Cap Screw, 5/16-18 x 1	3	84	1100241	Lock Washer, 1/4 SAE	3
9	1186391	Fl. Nut, 5/16-18	7	85	1107383	Flat Washer, 3/8	10
10	1100044	Hex Hd. Cap Screw, 5/16-18 x 3/4	4	86	1100346	Cotter Pin, 3/32 x 3/4	7
13	1733398	Hex Top Lock Nut, 3/8-16	3	87	1111609	Hex Cap Screw, 5/16-18 x 2-3/4	4
14	1107382	Flat Washer, 5/16	13	88	1186097	Carriage Bolt, 5/16-18 x 5/8	2
33	1766984	Fl. Lock Screw, 5/16-18 x 3/4	6	90	1715538	Nyliner Bushing	3
40	1766241	Special Washer, 3/4 x 2-1/2	2	91	1732499	Lock Nut, 5/16-18	3
54	1767967	Decal, Transmission Release	1	92	1733103	Drive Pin, 5/16 x 3/4	1
58	1734398	Top Lock Nut, 1/4-20	1	95	1756151	Idler Pulley	1
70	1107381	Flat Washer, 1/4	1	96	1760096	Belt Guide	1
81	1100048	Hex Cap Screw, 3/8-16 x 2	1	97	1760097	Idler Pulley	1

MODEL

13043



Note: Rim, tire
& valve stem
sold separately
See Refs. 518,
519 & 520.

Ref #	Part #	Description	Qty.
99	1765044	Clutch Rod.....	1
100	1765096	Brake Lock Latch.....	1
101	1765156	Clip, 3/4.....	2
102	1765167	Foot Pedal Pad.....	1
103	1765252	Brake Pedal.....	1
104	1765257	Brake Lock Bracket.....	1
105	1765297	Brake Pad.....	1
106	1765305	Compression Spring.....	1
107	1985140	Extension Spring.....	1
108	1765402	Extension Spring.....	1
109	1765461	Pivot Rod.....	1
110	1766215	Hub Cap.....	2

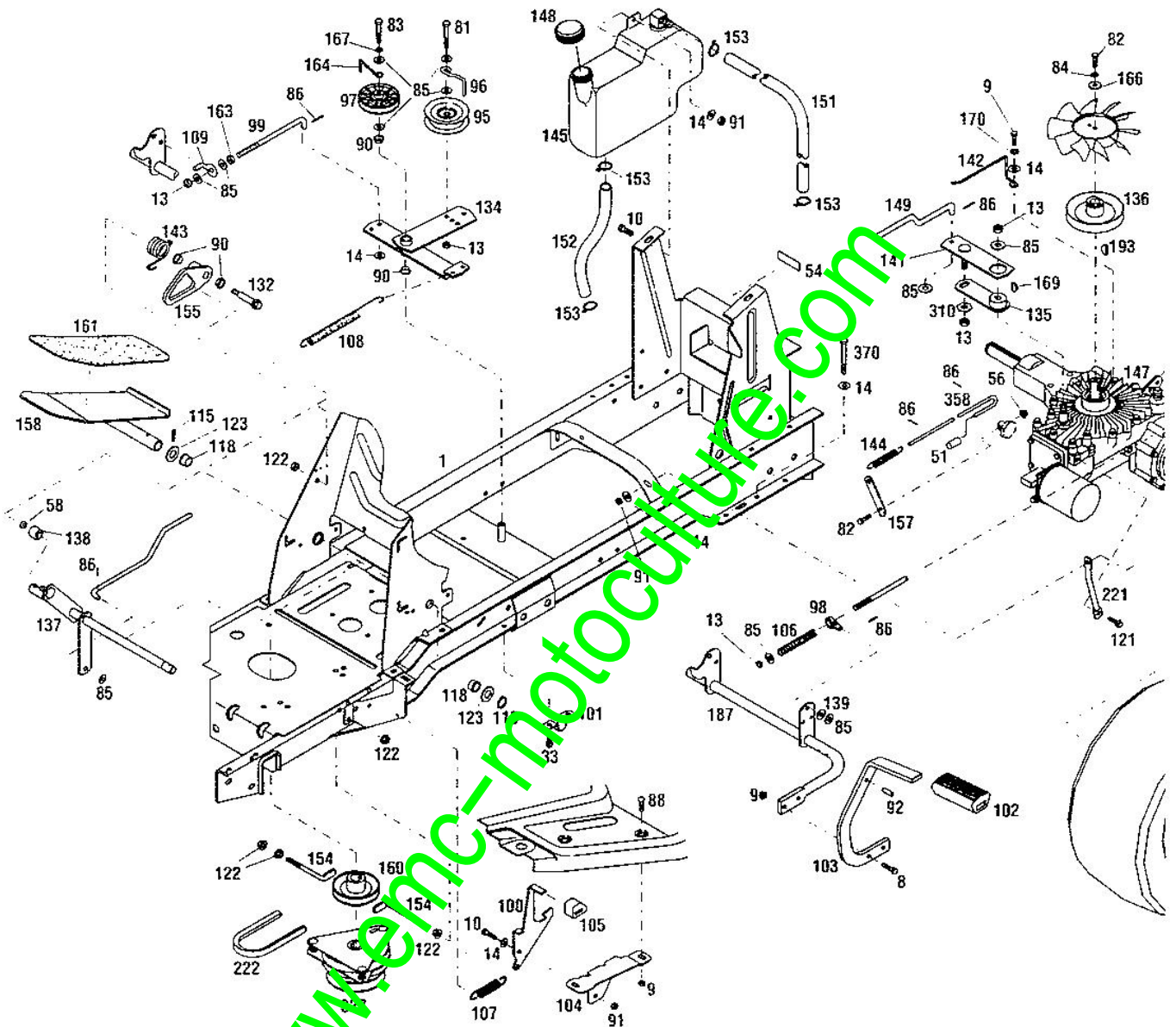
Ref #	Part #	Description	Q
113	1118808	Retaining Ring.....	
115	1120210	Drive Pin, 3/16 x 1.....	
118	1185802	Fl. Bearing.....	
122	1186393	Fl. Nut, 3/8-16.....	
123	1715301	Thrust Washer, 5/8 x 1/1/8.....	
126	1713075	Compression Spring.....	
132	1763219	Shoulder Screw.....	
134	1765064	Idler Arm Ass'y.....	
137	1765079	Hydro Pivot Shaft Ass'y.....	
138	1767807	Ball Bearing.....	
142	1985919	Belt Guide.....	
143	1765306	Torsion Spring.....	
144	1720925	Extension Spring.....	
146	1100255	Flat Washer, 5/16.....	
147	1766166	Transmission.....	
150	1766166	Brake Rod.....	
154	1766215	Clutch Retainer (A) (B).....	
	1765482	Clutch Retainer (C).....	
155	1766015	Neutral Return, Hydro.....	
156	1766085001	Hydro Pedal Ass'y.....	
160	1766201	Engine Sheave.....	
161	1766202	Foot Pedal Pad.....	
163	1186231	Hex Nut, 3/8-16.....	
164	1767900	L.H. Belt Finger.....	
165	1766452	Sweeper Sheave.....	
167	1100243	Lock Washer, 3/8.....	
168	1100805	Hex Hd. Screw, 1/4-20 x 3/4.....	
171	1983110	Key.....	
174	1111683	Hex Hd. Cap Screw, 1/4-28 x 1/2.....	
175	1185388	Retaining E-Ring, 5/8.....	
176	1747998	Flat Washer, 3/4 x 1-7/8.....	
178	1766132	Brake Arm.....	
179	1766157	Hydro Control Arm.....	
180	1766159	Hydro Arm.....	
182	1766164	Brake Bracket.....	
183	1766165	Hydro Control Rod.....	
185	1767811	Drive Hub.....	
186	1767904	Dump Valve Latch.....	
187	1765061	Brake Pedal Ass'y.....	
193	1185885	Woodruff Key, 3/16 x 5/8.....	
195	1767810	Clamping Spacer.....	
203	1767966	Belt Guide.....	
221	1766172	Transmission Support.....	
222	1765339	V-Belt.....	
226	1766153	Belt Guide (A) (B).....	
263	1185714	Lockwasher.....	
327	1755341	Electric Clutch.....	
358	1767907	Dump Valve Rod.....	
385	1745489	Spacer.....	
518	1766275	Tire, 20 x 8.00-10.....	
519	1765606	Rim.....	
520	1718086	Valve Stem.....	

(A)—Model 13042
(B)—Model 13043
(C)—Model 13044

BOLENS TRACTOR

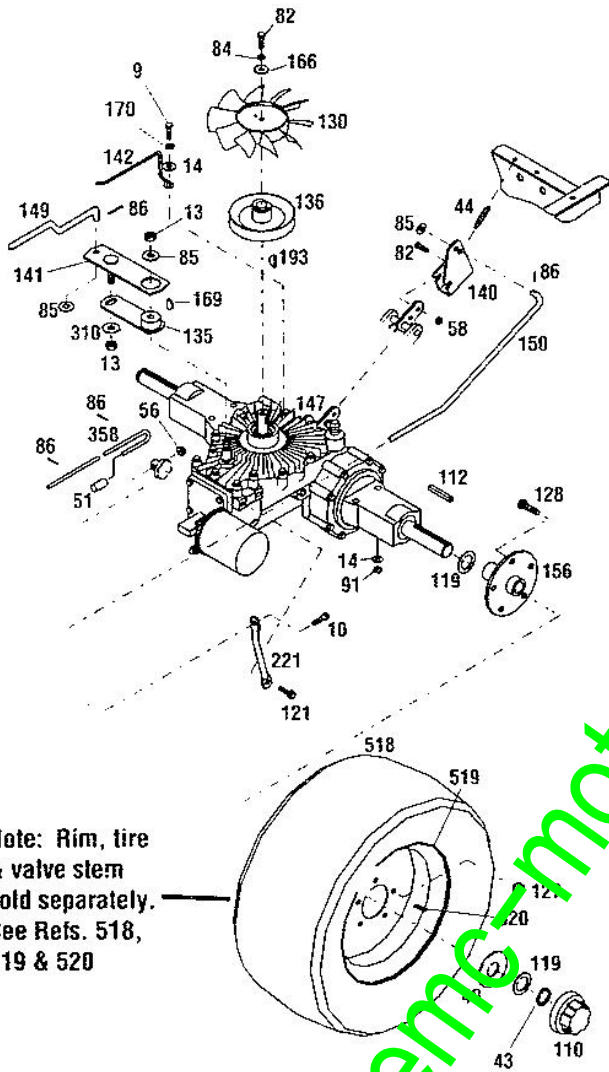
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EATON 851 HYDRO TRANSMISSION ASSEMBLY



Ref #	Part #	Description	Qty.	Ref #	Part #	Description	Qty.
1	1766050001	Frame Ass'y	1	56	1186389	Fl. Nut, 1/4-20	1
8	1100045	Hex Hd. Cap Screw, 5/16-18 x 1	2	58	1734398	Top Lock Nut, 1/4-20	5
9	1186391	Fl. Nut, 5/16-18	4	81	1100048	Hex Cap Screw, 3/8-16 x 2	1
10	1100044	Hex Hd. Cap Screw, 5/16-18 x 3/4	5	82	1100069	Hex Cap Screw, 1/4-20 x 1	4
13	1733398	Hex Toplock Nut, 3/8-16	5	83	1100086	Hex Cap Screw, 3/8-16 x 1-3/4	1
14	1107382	Flat Washer, 5/16	10	84	1100241	Lock Washer, 1/4 SAE	1
33	1766984	Fl. Lock Screw, 5/16-18 x 3/4	1	85	1107383	Flat Washer, 3/8	6
40	1766242	Special Washer, 3/4 x 2-1/2	2	86	1100346	Cotter Pin, 3/32 x 3/4	6
43	1185689	Retaining Ring	2	88	1186097	Carriage Bolt, 5/16-18 x 5/8	1
51	1767984	Handle Grip	1	90	1715538	Nyltiner Bushing	1
54	1767967	Decal, Transmission Release	1	91	1732499	Lock Nut, 5/16-18	7

MODEL 13046



Note: Rim, tire & valve stem sold separately. See Refs. 518, 519 & 520

Ref #	Part #	Description	Qty.
92	1733103	Drive Pin, 5/16 x 3/4	1
95	1756151	Idler Pulley	1
96	1760096	Belt Guide	1
97	1760097	Idler Pulley	1
98	1751848	Clutch Rod	1
99	1765044	Clutch Rod	1
100	1765096	Brake Lock Latch	1
101	1765156	Clip, 3/4	1
102	1765167	Foot Pedal Pad	1
103	1765252	Brake Pedal	1
104	1765257	Brake Lock Bracket	1
105	1765297	Brake Pad	1
106	1765305	Compression Spring	1
107	1985140	Extension Spring	1
108	1765402	Extension Spring	1
109	1765461	Pivot Rod	1
110	1766215	Hub Cap	2

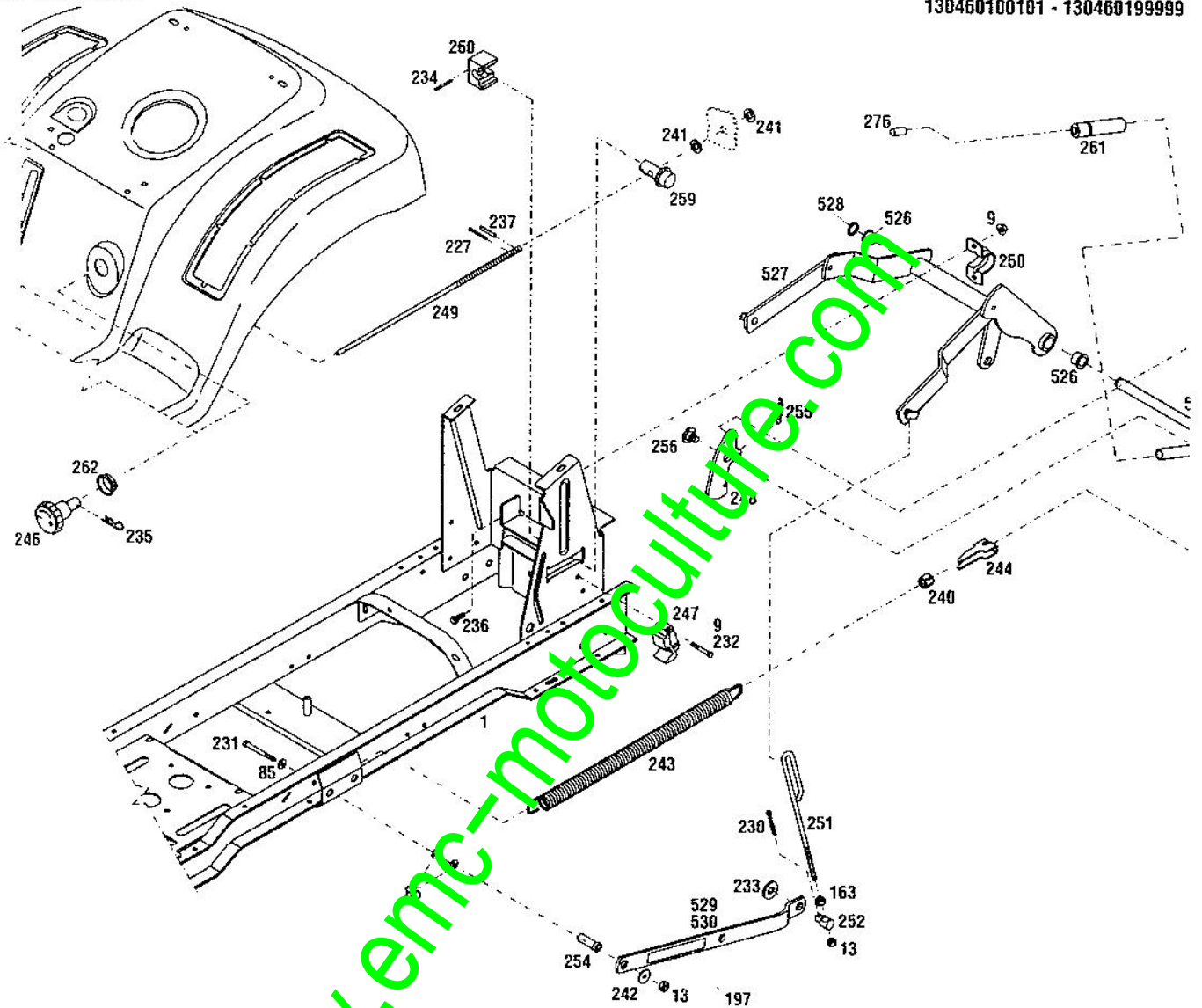
Ref #	Part #	Description	Qty.
112	1104338	Square Key, 1/4 x 2	2
113	1118808	Retaining Ring	1
115	1120210	Drive Pin, 3/16 x 1	1
118	1185802	Fl. Bearing	2
119	1185816	Washer, 1-1/64 ID	6
121	1186327	Whiz lock Screw, 5/16-18 x 1/2	1
122	1186393	Fl. Nut, 3/8-16	5
123	1715301	Thrust Washer, 5/8 x 1/1/8	2
127	1753025	Plug Nut, 7/16-20	10
128	1753026	Wheel Stud	10
130	1760370	Pin	1
132	1763219	Shoulder Screw	1
134	1765064	Idler Arm Ass'y	1
135	1765067	Hydro Arm Ass'y	1
136	1765072	Eaton Hydro Sheave	1
137	1765076	Hydro Pivot Shaft Ass'y	1
138	1767807	Ball Bearing	1
139	1769323	Flat Washer, 3/8	2
140	1765253	Hydro Brake Bracket	1
141	1765289	Hydro Control Arm Ass'y	1
142	1765304	Belt Guide	1
143	1765306	Torsion Spring	1
144	1720928	Extension Spring	1
145	1765348	Oil Reservoir	1
147	*	Transmission, Eaton 851 (See breakdown, pg. 16)	1
148	1765352	Tank Cap	1
149	1765353	Hydro Control Rod	1
150	1765354	Brake Rod	1
151	1765476	Hose, 5/8	1
152	1765477	Hose, 5/8	1
153	1765478	Hose Clamp, 5/8	1
154	1765482	Clutch Retainer	1
155	1766015	Neutral Return, Hydro	1
156	1766019	Wheel Hub	1
157	1767909	Dump Valve	1
158	1766085001	Hydro Pedal Ass'y	1
160	1766201	Engine Sheave	1
161	1766202	Foot Pedal Pad	1
163	1186231	Hex Nut, 3/8-16	1
166	1720883	Washer, 1/4 I.D. x 1.25 O.D.	1
167	1100243	Lock Washer, 3/8	1
169	1100905	Woodruff Key, 1/8 x 1/2	1
170	1100242	Lockwasher, 5/16	1
193	1185885	Woodruff Key, 3/16 x 5/8	1
221	1765165	Transmission Support	1
222	1765349	V-Belt	1
310	1185715	Lock Washer, 3/8	1
327	1755341	Electric Clutch	1
358	1767907	Dump Valve Rod	1
370	1111610	Cap Screw, 5/16-18 x 3	1
518	1768795	Tire, 23 x 10.5-12, Multi Trac CS	1
519	1766131	Rim	1

BOLENS TRACTOR

S/N 130420100101 - 130420199999
 130430100101 - 130430199999

LIFT ASSEMBLY

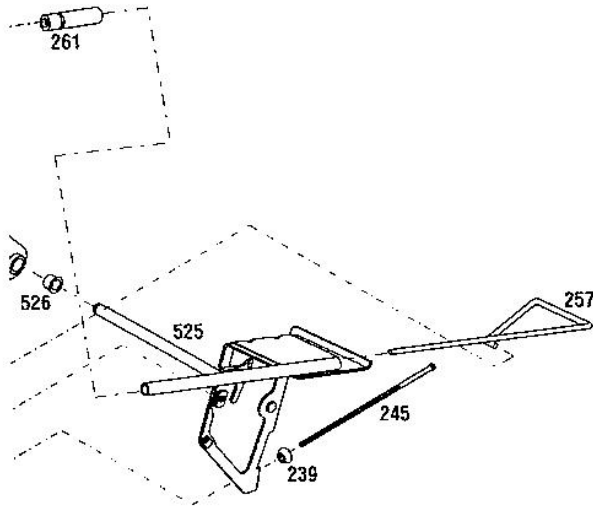
130460100101 - 130460199999



Ref #	Part #	Description	Qty.
9	1186391	Fl. Nut, 5/16-18.....	3
13	1733398	Hex Toplock, 3/8-16	2
85	1107383	Flat Washer, 3/8.....	6
163	1186231	Hex Nut, 3/8-16	2
197	1767877	Decal Warning (not on A)	2
227	1100349	Cotter Pin, 1/8 x 3/4.....	1
230	1100351	Cotter Pin, 1/8 x 1-1/4	2
231	1111614	Hex Hd. Cap Screw, 3/8-16 x 3.....	2
232	1100799	Hex Hd. Screw, 3/8-16 x 1-1/4	1
233	1107386	Flat Washer, 5/8.....	2
234	1185376	Drive Pin.....	1

MODELS 13042, 13043,

13046



Ref #	Part #	Description	Qty
247	1766028	Detent Block	1
248	1766029001	Latch.....	1
249	1766048	Height Adjust Screw	1
250	1766057	Lift Clamp	2
251	1766058	Lift Rod (A) (C).....	2
	1766058	Lift Rod (B) (D) (E).....	2
252	1766059	Rear Lift Swivel.....	2
254	1766080	Spacer	2
255	1766174	Extension Spring.....	1
256	1766175	Shoulder Screw	1
257	1766178	Rod	1
259	1766257	Height Adjust Block	1
260	1766259	Height Adjust Collar	1
261	1766340	Lift Grip	1
262	1766376	Snap Bushing Grommet.....	1
276	1766700	Lift Button.....	1
525	1766832001	Lift Handle Ass'y.....	1
526	17664140	Bushing	2
527	1766068001	Lift Ass'y.....	1
528	1185649	Retaining Ring.....	1
529	1768718	Right Lift Link Ass'y (Incl. Ref. 197) ..	1
530	1768717	Left Lift Link Ass'y (Incl. Ref. 197) ...	1

- (A)—Model 13042
- (B)—Model 13043
- (C)—Model 13044
- (D)—Model 13046
- (E)—Model 13047

Ref #	Part #	Description	Qty.
235	1817091	Pinch Pin	1
236	1186329	Fl. Screw, 5/16-18 x 3/4.....	2
237	1187961	Drive Pin, 5/32 x 1	1
239	1714521	Spherical Bearing (not on A).....	1
240	1717942	Special Nut, 5/16-18 (not on A).....	1
241	1738490	Flat Washer, 1/2 x 1	2
242	1763355	Flat Washer, 3/8 x 1-1/2	2
243	1765445	Lift Assist Spring (not on A)	1
244	1765457	Lift Assist Bracket (not on A).....	1
245	1765458	Lift Assist Screw (not on A).....	1
246	1765485	Height Adjust Knob.....	1

17

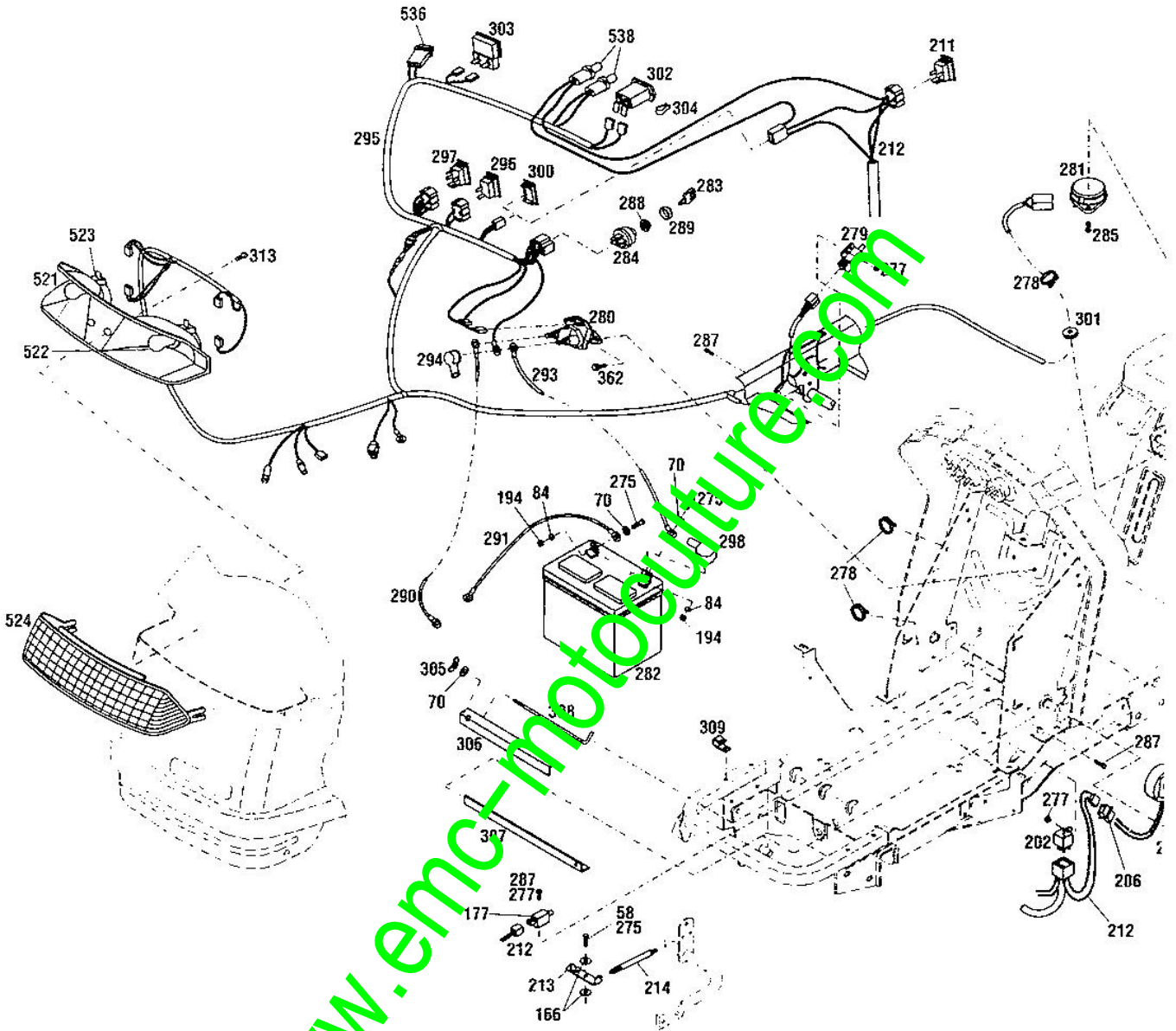
BOLENS TRACTOR

ELECTRICAL ASSEMBLY

S/N 130420100101 - 130420199999

130430100101 - 130430199999

130460100101 - 130460199999



Ref #	Part #	Description	Qty.
33	1766984	Fl. Lock Screw, 5/16-18 x 3/4 (C) (E).....	2
58	1734398	Top Lock Nut, 1/4-20 (C) (E).....	1
70	1107381	Flat Washer, 1/4.....	3
84	1100241	Lock Washer, 1/4 SAE.....	2
115	1120210	Drive Pin, 3/16 x 1 (C) (E).....	1
133	1186396	Fl. Nut, 7/16-20 (C) (E).....	1
166	1720883	Washer, 1/4 I.D. x 1-1/4 O.D (C) (E).....	1
177	1748723	Push Button Switch (C) (E).....	1
194	1186229	Hex Nut, 1/4-20.....	2

MODELS 13042, 13043,

13046



Ref #	Part #	Description	Qty
277	1185985	Keps Nut, #10-24.....	3
278	1735531	Cable Tie.....	4
279	1751328	Push-Button Switch.....	1
280	1752137	Solenoid.....	1
281	1752506	Seat Switch.....	1
282	1752840	Battery (C) (D) (E).....	1
	1751497	Battery (A) (B).....	1
283	1753986	Key.....	1
284	1754250	Ignition Switch.....	1
285	1755349	Pan. Hd. Screw, 1/4-20 x 1/2.....	1
287	1758070	Locks Screw, #10-24 x 5/8.....	4
288	1758146	Ignition Nut.....	1
289	1758147	Cap.....	1
290	1764885	Starter Cable.....	1
291	1764886	Neg. Battery Cable.....	1
293	1764888	Battery Cable.....	1
294	1764890	Solenoid Boot.....	1
295	1764893	Main Harness (C) (D) (E).....	1
	1764892	Main Harness (A).....	1
	1767842	Main Harness (B).....	1
296	1764894	Light Switch.....	1
297	1764895	PTO Switch.....	1
298	1764899	Terminal Boot.....	1
300	1766184	Switch Cover (A) (B) (D).....	1
301	1766264	Grommet.....	1
302	1764883	Hour Meter (C) (E).....	1
303	1764884	Ammeter (C) (E).....	1
304	1766185	Tinnerman Clip (C) (E).....	2
305	1709652	Lock Wing Nut, 1/4-20.....	2
306	1765258001	Battery Clamp.....	1
307	1765444001	Lower Battery Angle.....	1
308	1766163	Hook Bolt.....	1
309	1747738	J-Clamp.....	1
313	1185712	Self-Threading Screw.....	1
362	1724492	Self Tapping Screw, 1/4-20 x 1/2.....	1
521	1768803	Headlight Reflector.....	1
522	1752872	Light Bulb.....	2
523	1752875	Socket.....	2
524	1765400	Lense.....	1
536	1768969	Fuse.....	1
538	1764897	Bulb.....	2

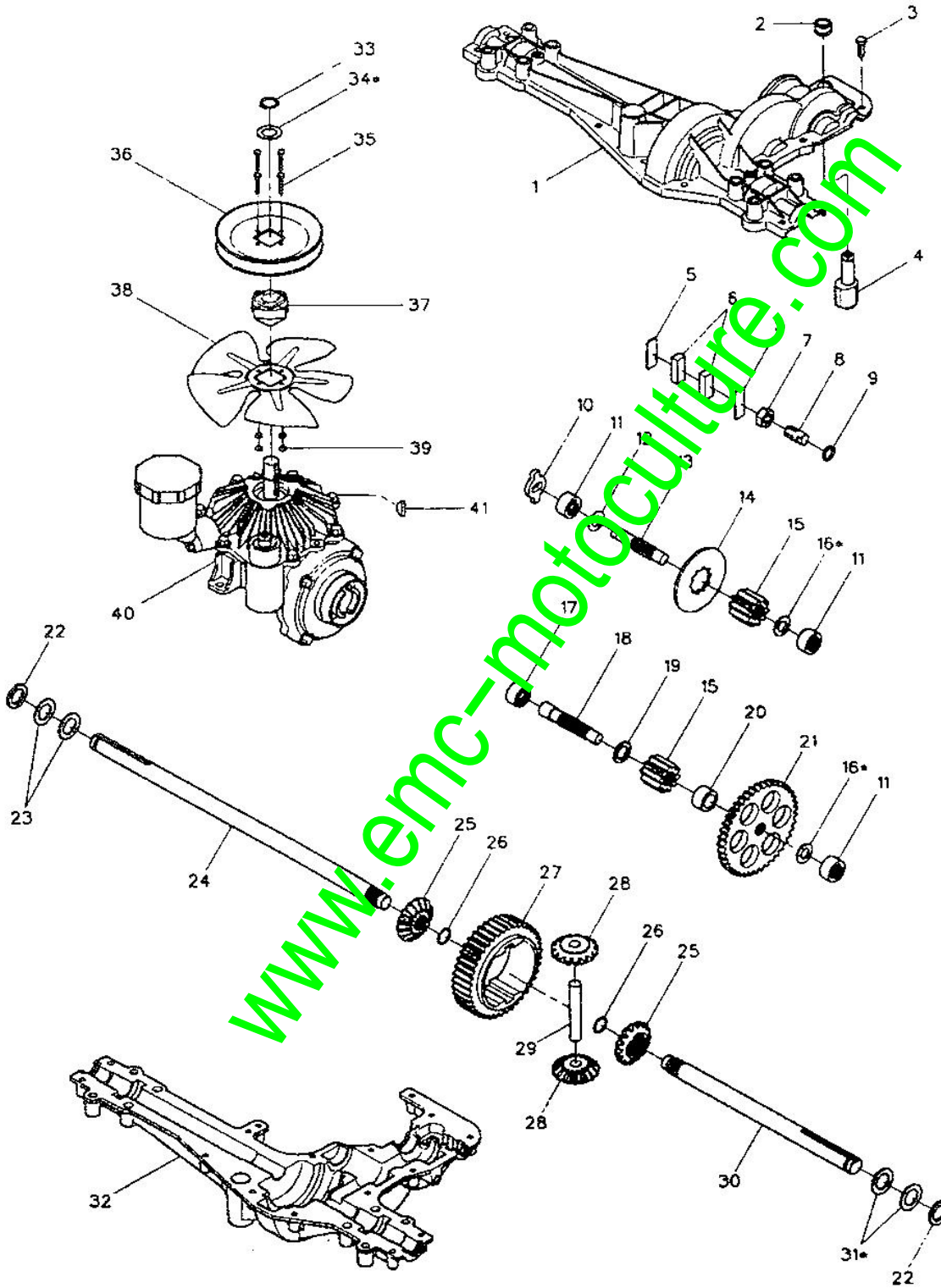
Ref #	Part #	Description	Qty.
202	1749907	Relay (C) (E).....	1
204	1750736	Special Screw (C) (E).....	1
205	1754675	Magnet (C) (E).....	1
206	1767852	Housing Pin Terminal (C) (E).....	1
207	1766290	Cruise Arm Ass'y (C) (E).....	1
208	1766334	Cruise Plate (C) (E).....	1
211	1766350	Cruise Switch (C) (E).....	1
212	1766351	Cruise Harness (C) (E).....	1
213	1767803	Cruise Arm Ass'y (C) (E).....	1
214	1767822	Spring (C) (E).....	1
275	1111599	Screw, 1/4-20 x 5/8 (C) (E).....	2

(A)—Model 13042
 (B)—Model 13043
 (C)—Model 13044
 (D)—Model 13046
 (E)—Model 13047

BOLENS TRACTOR

EATON 650 HYRO TRANSMISSION BREAKDOWN

S/N 130420100101 - 130420199999
130430100101 - 130430199999



MODELS 13042, 13043

Ref #	Part #	Description	Qty.	Ref #	Part #	Description	Qty.
1	1769260	Housing, Upper.....	1	23	1769282	Washer, Plain, .758 x 1.25 x .031.....	2
2	1769261	V-Ring	1	24	1769283	Axle, H.....	1
3	1769262	Screw, Tapping, 1/4-20 x .734.....	16	25	1769284	Gear, Miter, 15T.....	2
4	1769263	Ass'y., Shaft & Cam.....	1	26	1769285	Ring, Retaining.....	2
5	1769264	Spacer	2	27	1769286	Gear, Spur, 41T.....	1
6	1769265	Puck, Friction.....	2	28	1769287	Gear, Miter, 15T.....	2
7	1769266	Nut, Locking Jam.....	1	29	1769288	Shaft, Cross.....	1
8	1769267	Stud, Adjustment.....	1	30	1769289	Axle, R.H.....	1
9	1769268	O-Ring	1	31	1769290	Ass'y., Kit, Shim, .750 Shaft.....	1*
10	1769269	Key, Drive	1	32	1769291	Housing, Lower	1
11	1769270	Ass'y., Bearing.....	3	33	1769292	Ring, Retaining.....	1
12	1769271	Washer, Plain, .505 x .942 x .040.....	1	34	1769293	Ass'y., Kit, Shim, .670 Shaft.....	1*
13	1769272	Shaft, Input.....	1	35	1769294	Bolt, Hex Hd., #6-32 x .88.....	4
14	1769273	Disc, Brake.....	1	36	1769295	Pulley, 4.50 Dia.....	1
15	1769274	Gear, Spur, 10T.....	2	37	1769296	Hub.....	1
16	1769275	Ass'y., Kit, Shim, .500 Shaft.....	2*	38	1769297	Fan, 7.00 Dia.....	1
17	1769276	Ass'y., Bearing.....	1	39	1769298	Nut, Lock, #6-32.....	4
18	1769277	Shaft, Idler.....	1	40	1769299	Hst, CW Control Rotation.....	1
19	1769278	Washer, Plain, .632 x 1.00 x .041.....	1	41	1769300	Key, Woodruff, #61.....	1
20	1769279	Spacer, .630 x 1.00 x .549.....	1	42		Grease	1
21	1769280	Gear, Spur, 41T.....	1				
22	1769281	Washer, Neoprene.....	2				

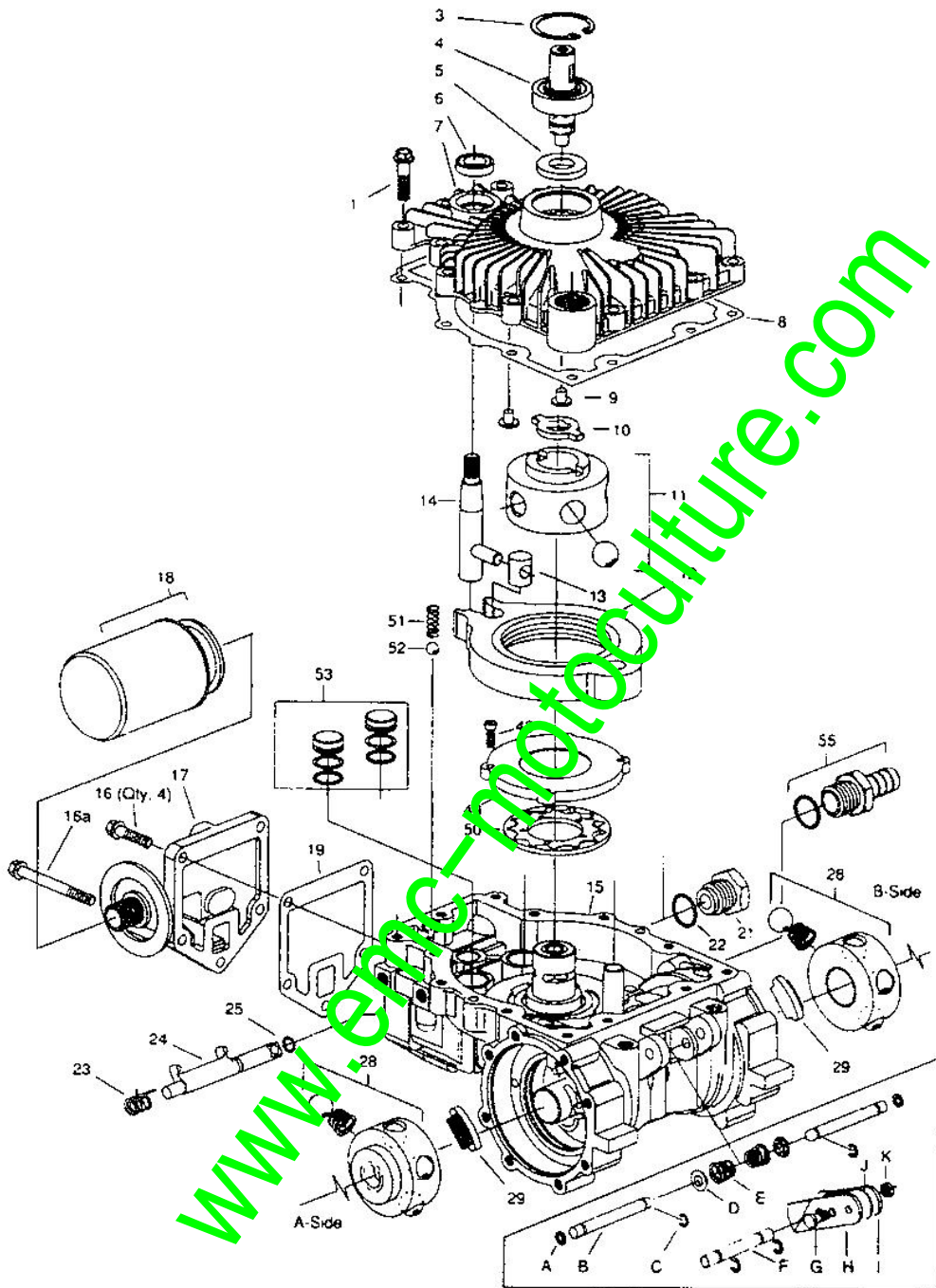
* Use in various combinations to maintain proper clearances.

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BOLENS TRACTOR

S/N 130460100101 - 13046019999

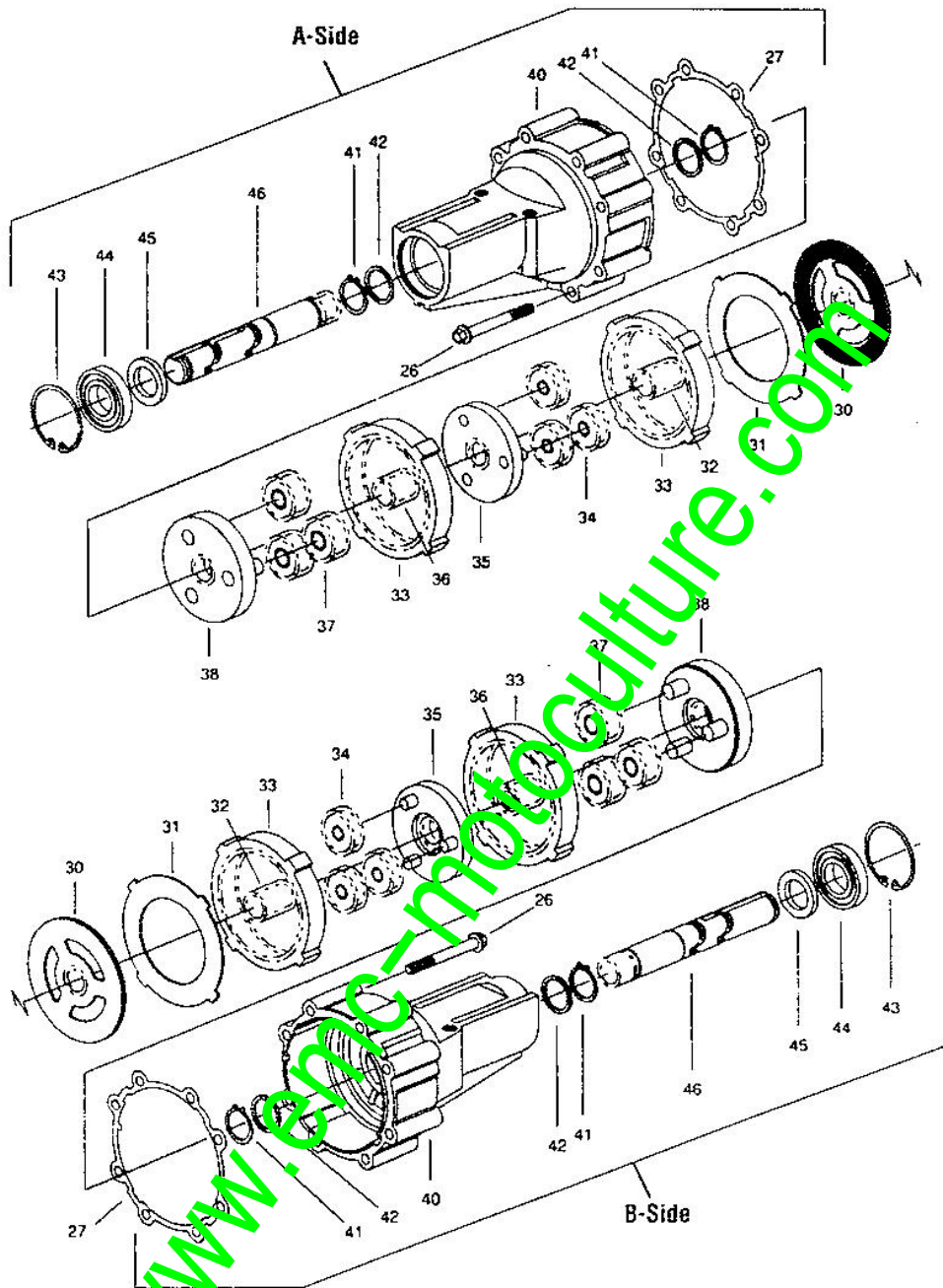
EATON 851-111 HYDRO TRANSMISSION BREAKDOWN



Ref #	Part #	Description	Qty.
1	1769200	Self Tapping Screw, 1/4-20.....	13
3	1769201	Ring, Retaining, Int.....	1
4	1760892	Shaft, Input (S/A).....	1
5	1760893	Seal input Shaft.....	1
6	1757374	Seal, Control Shaft.....	1
7	1769202	Cover.....	1
8	1769203	Gasket, Cover.....	1

Ref #	Part #	Description	Qty.
9	1769204	Button.....	2
10	1769205	Drive.....	1
11	1769206	Pump Rotor/Ball/Pin (S/A).....	1
12	1769207	Cam Ring.....	1
13	1769208	Insert.....	1
14	1769209	Control Shaft, External Thrd.....	1
15	1769211	Housing (S/A).....	1

MODELS 13046



Ref #	Part #	Description	Qty.	Ref #	Part #	Description	Qty.
16	1769212	Screw, 1/4-20 Hex Flange	A/R	26	1769218	Screw, 5/16 Hex Flange	16
16a	1769213	Screw, 1/4-20 Hex Flange	1	27	1769219	Gasket, Axle Housing	2
17	1769214	Filter Base "L"	1	28	1769220	15T Motor Rotor/Ball (S/A)	2
18	1769125	Filter	1	29	1769221	Pad, Friction (S/A)	2
19	1769127	Gasket	1	30	1769222	Reaction, Plate	2
21	1769215	Nut, Dump Valve Fitting	1	31	1769223	Plate, Backup	2
22	1769216	Seal, O-ring	1	32	1769224	15T Sun Gear, First	2
23	1769217	Spring, Dump Valve	1	33	1769225	Gear, Ring 57T	4
24	1757376	Bracket, Dump Valve	1	34	1769226	21T Planet Gear (S/A) First	6
25	1757377	Seal, O-ring	1	35	1769227	15T Primary Carrier (S/A)	2

(Continued on following page)

BOLENS TRACTOR

S/N 130460100101 - 130460199999

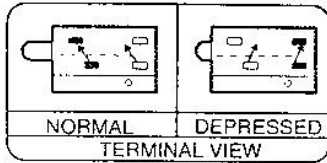
EATON 851-111 HYRO TRANSMISSION BREAKDOWN (Continued)

Ref #	Part #	Description	Qty.	Ref #	Part #	Description	Qty.
36	1769228	15T Sun Gear, Second (Steel).....	2	53	1769242	Piston, Dampening	
37	1769229	21T Pmnt. Gear (S/A) Second (Steel).....	6	54		Brake Lever Parts	
38	1769230	Secondary Carrier (S/A).....	2	A	1769243	Quad Seal.....	2
40	1769231	Axle Housing (S/A) A-Side & B-Side.....	1	B	1769244	Rod, Push.....	2
41	1769232	Ring, Retaining, External.....	4	C	1769245	E-Ring.....	4
42	1769233	Thrust Washer.....	4	J	1769246	Spring Base (S/A).....	2
43	1769234	Ring, Retaining, Internal.....	2	L	1769247	Spring Conical.....	2
44	1757700	Bearing, Ball.....	2	F	1769248	Shaft, Brake.....	1
45	1769235	Seal, Radial Lip.....	2	G	1769249	Screw, Cap, Hex.....	1
46	1769236	Shaft, Axle— A-Side.....	1	H	1769250	Lever, Brake, R.H.....	1
48	1769237	Screw, Cap Socket.....	4	I	1769251	Lever, Brake, L.H.....	1
49	1769238	Plate, Pump (Class II).....	1	J	1769252	Shim.....	A/R
50	1769239	Gerotor (Class II).....	1	K	1769253	Nut, Hex, Lock.....	1
51	1769240	Spring.....	1	55	1769254	.625 Str. Fitting/O-ring.....	1
52	1769241	Ball.....	1				

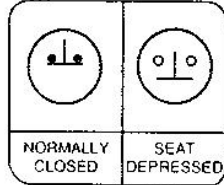
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WIRING DIAGRAM

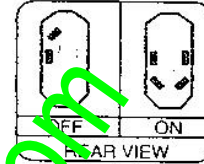
BRAKE SWITCH
4-TERMINAL



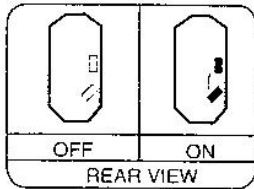
SEAT SWITCH



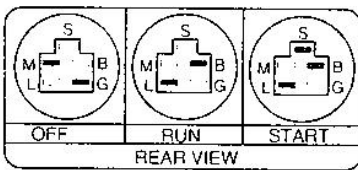
ATTACHMENT
DRIVE SWITCH



LIGHT SWITCH



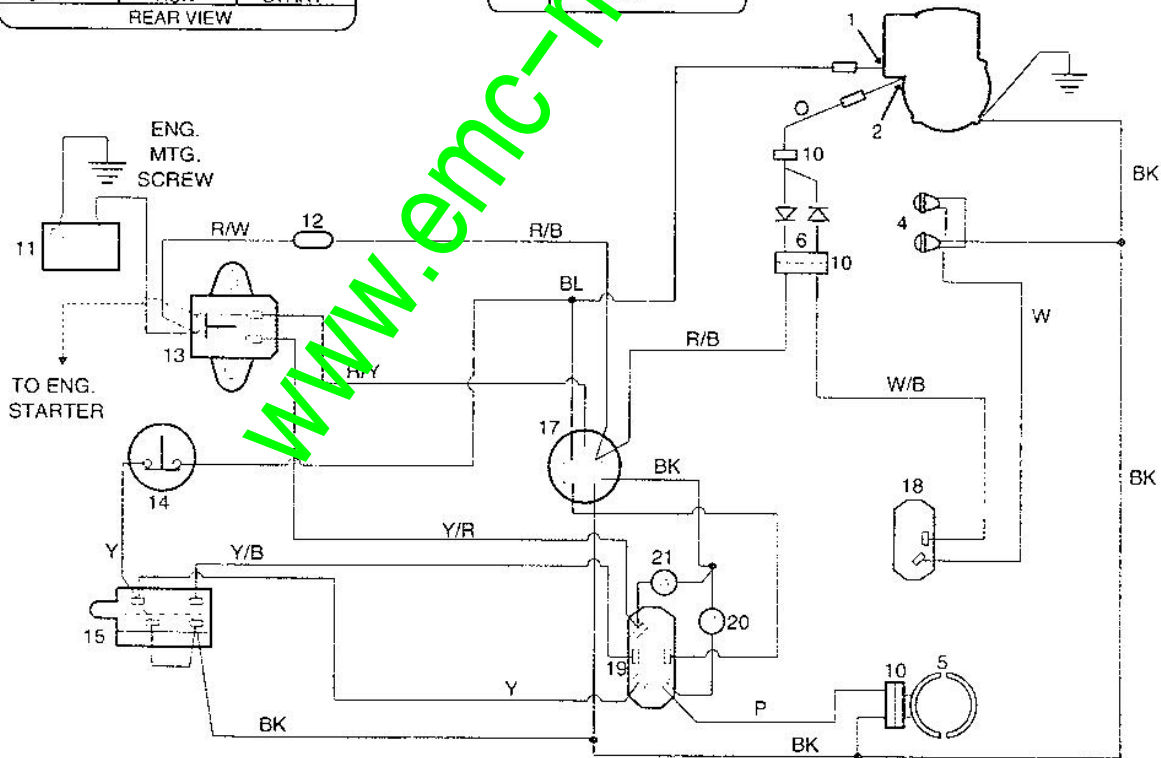
IGNITION SWITCH



ITEM CODE	
1	Magneto
2	Alternator
4	Headlights
5	Attachment Clutch
6	Diode Assembly
10	Connector
11	Battery
12	Fuse
13	Start Solenoid
14	Seat Switch
15	Brake Switch
17	Key Switch
18	Light Switch
19	Attachment Switch
20	Machine Light
21	Start Light

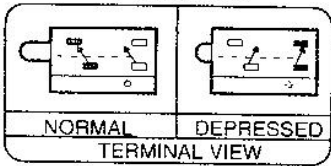
WIRE COLOR CODE

BK	Black
BL	Blue
P	Purple
R	Red
W	White
Y	Yellow
R/W	Red/White
R/B	Red/Black
R/Y	Red/Yellow
Y/R	Yellow/Red
W/B	White/Black

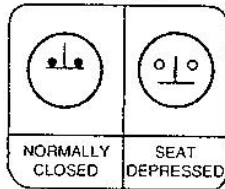


WIRING DIAGRAM

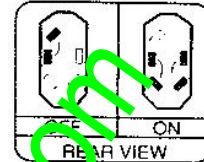
BRAKE SWITCH
4-TERMINAL



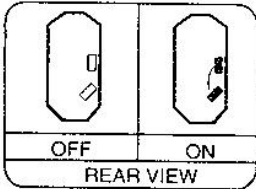
SEAT SWITCH



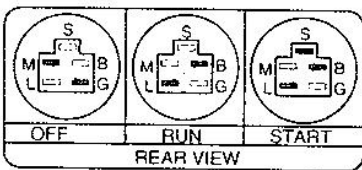
ATTACHMENT DRIVE SWITCH



LIGHT SWITCH



IGNITION SWITCH

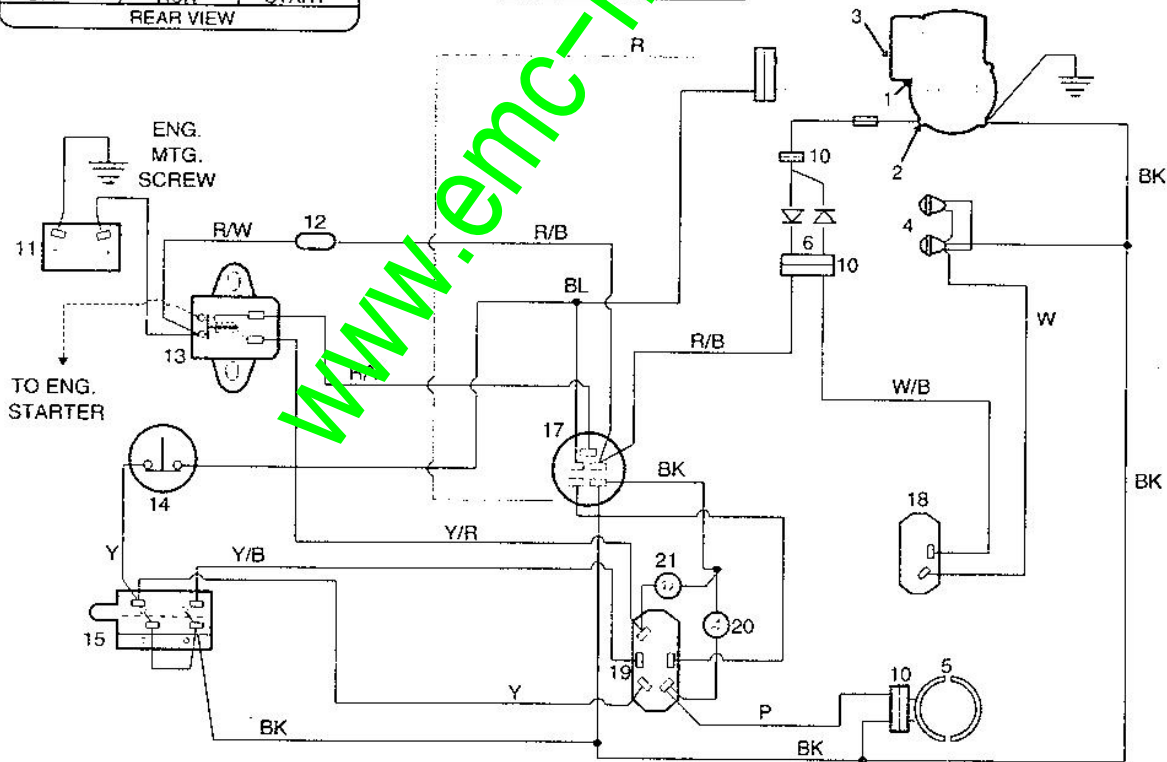


ITEM CODE

ITEM CODE	
1	Magneto
2	Alternator
3	Fuel Solenoid
4	Headlights
5	Attachment Clutch
6	Diode Assembly
7	Starter
10	Connector
11	Battery
12	Fuse
13	Start Solenoid
14	Seat Switch
15	Brake Switch
17	Key Switch
18	Light Switch
19	Attachment Switch
20	Attachment Light
21	Attachment Light

WIRE COLOR CODE

BK	Black
BL	Blue
P	Purple
R	Red
W	White
Y	Yellow
R/W	Red/White
R/B	Red/Black
R/Y	Red/Yellow
Y/R	Yellow/Red
W/B	White/Black

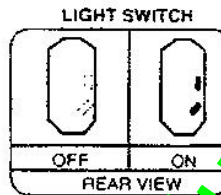
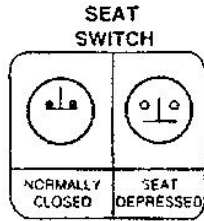
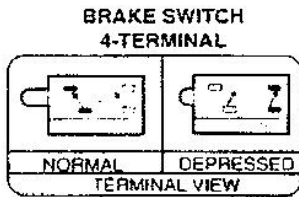
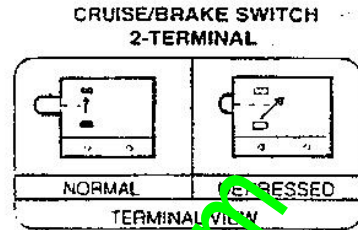
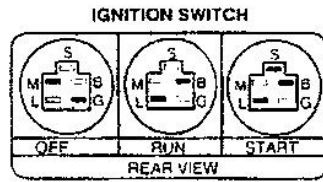
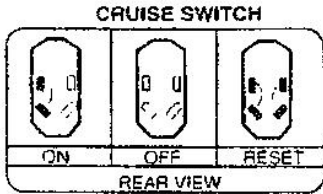


S/N 130440100101 - 130440199999
 130460100101 - 130460199999
 130470100101 - 130470199999

MODEL

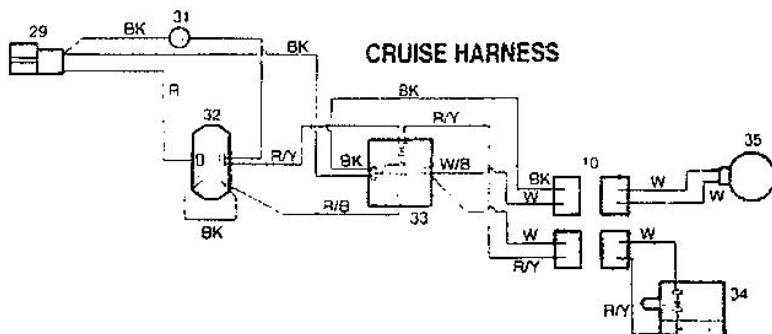
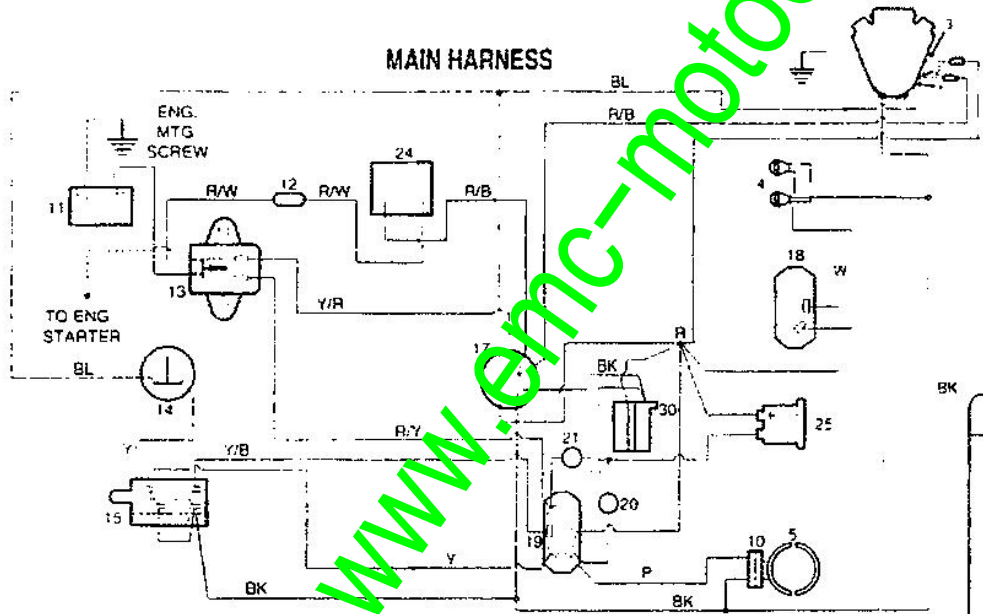
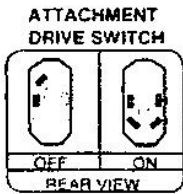
13046

WIRING DIAGRAM



WIRE COLOR CODE

BK	Black
BL	Blue
P	Purple
R	Red
W	White
Y	Yellow
R/W	Red/White
R/B	Red/Black
R/Y	Red/Yellow
Y/R	Yellow/Red
W/B	White/Black



ITEM CODE

1	Magneto
2	Alternator
3	Fuel Solenoid
4	Headlights
5	Attachment Clutch
10	Connector
11	Battery
12	Fuse
13	Start Solenoid
14	Seat Switch
15	Brake Switch
17	Key Switch
18	Light Switch
19	Attachment Switch
20	Attachment Light
21	Start Light
24	Ammeter
25	Hourmeter
29	Cruise Socket
30	Cruise Plug
31	Cruise Light
32	Cruise Switch
33	Cruise Relay
34	Cruise/Brake Switch
35	Cruise Magnet

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