

# **Bolens<sup>®</sup>**

**Tractor  
11HP**

**Model 1060 (G11XL)**

Serial Numbers 0100101  
thru 0299999

**Model 1160 (G11XL)**

Serial Numbers 0100101  
thru 0299999

**Parts List**

# BOLENS 11 HP TRACTOR

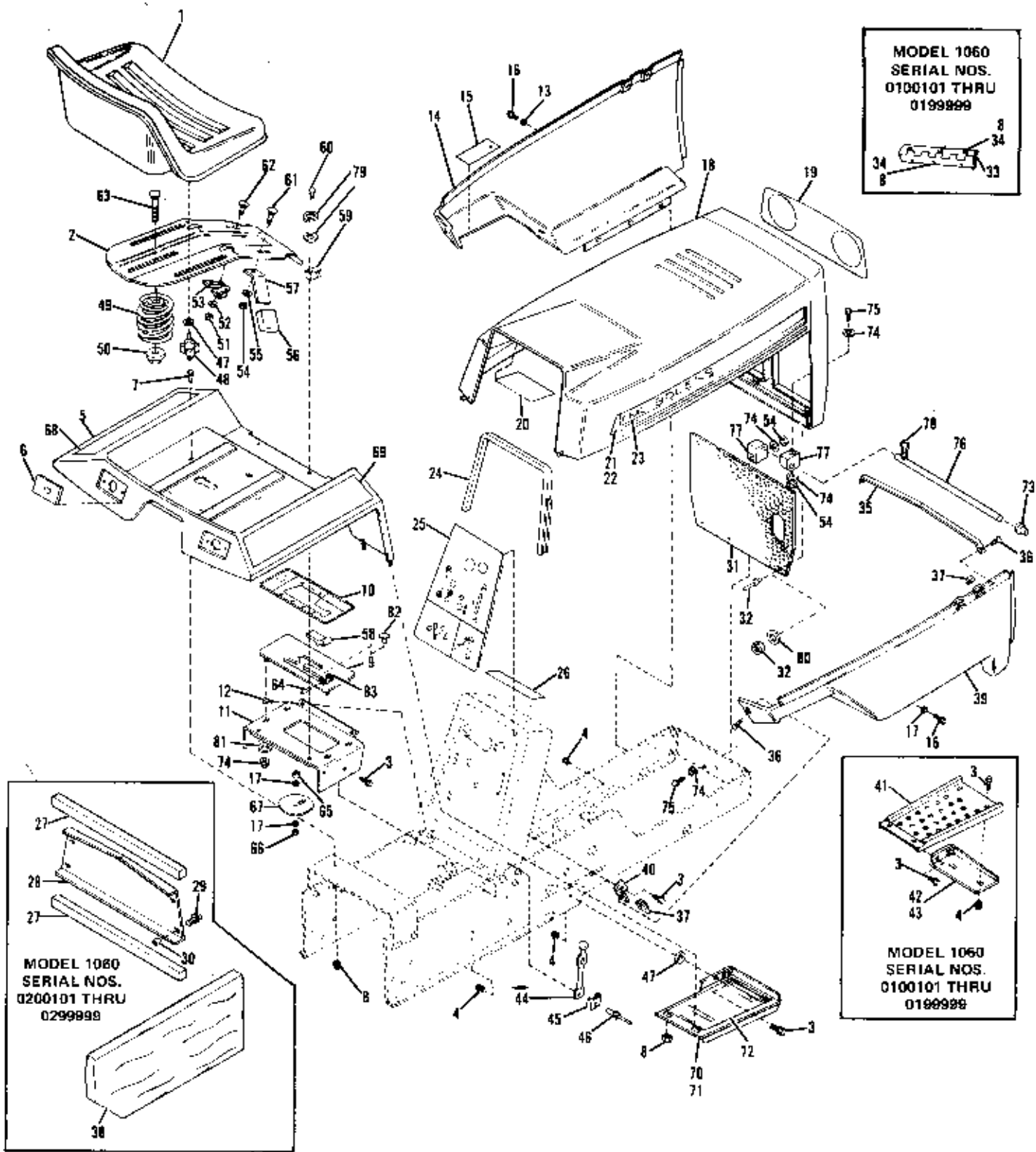


Figure 1. TRIM ASSEMBLY  
2

## MODELS 1060 (G11XL) & 1160 (G11XL)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	1733028	Seat	1	35	1731337	Bracket, Panel Support(1060)	1
2	1734115	Seat Support	1	36	1110685	Screw, Rd. Hd. Mach. 1/4-20 x 5/8(1060)	4
3	1186345	Screw, Hex. Hd. Flange Lock 3/8-16 x 3/4	8	37	1185456	Nut, Speed (1060)	4
4	1186393	Nut, Flange Lock 3/8-16	8	38	1732162	Foam Acoustical(1060)	2
5	1734384	Fender Assembly (1)	1	39	1732661	Side Panel, Ass'y, RH(1060)	1
	1734691	Fender Assembly (2)(3)	1	40	1727493	Support, Bracket(1060)	2
6	1725615	Reflector	2	41	1733702	Foot Rest Assembly (1)	2
7	1186329	Screw, Hex. Hd. Flange Lock 5/16-18 x 3/4	2	42	1726616	Support, Foot Rest RH (1)	1
8	1186391	Nut, Flange Lock 5/16-18	6	43	1726617	Support, Foot Rest LH (1)	1
9	1734477	Shift Plate Ass'y (1060)	1	44	1727127	Latch	2
	1738819	Shift Plate Ass'y (1160)	1	45	1727126	Crip	2
10	1733877	Decal, Instruction (1)	1	46	1728772	Rivet, Pop 3/16 x 1/2	2
	1736370	Decal, Instruction (2)	1	47	1100256	Flat Washer, 3/8	4
11	1734094	Tunnel (1060)	1	48	1734269	Adjusting Knob	2
	1738876	Tunnel (1160)	1	49	1733960	Spring	1
12	1185872	Screw, Truss Hd. Phillips 5/16 18 x 5/8(1060)	2	50	1735125	Special Nut	1
	1739688	Thd. Cutting Screw 5/16 18 x 5/8 (1160)	2	51	1186229	Hex. Nut 1/4-20	1
13	1100254	Washer, Flat 1/4	2	52	1100241	Lock Washer 1/4	1
14	1728074	Panel, LH Side	1	53	1734515	Actuator Bracket	1
15	1740751	Decal, Warning	1	54	1110107	Lock Nut 5/16 18	5
16	1724492	Screw, Hex. Hd. Flange Lock Tapping 1/4-20 x 1/2(1060)	5	55	1705905	Bowed Washer (1)(2)	1
17	1107381	Washer, Flat 1/4	5	56	1735054	Grip (1)(2)	1
18	1734341	Hood & Grille Assembly (1)	1	57	1735517	Seat Support Stand (1)(2)	1
	1736201	Hood & Grille Assembly (2)(3)	1	58	1734865	Shift Lever Stop (1060)	1
19	1730136	Decal, Grille (1)	1		1738817	Shift Lever Stop (1160)	1
	1736202	Decal, Grille (2)(3)	1	59	1735265	Rivet Block	2
20	1733889	Decal, Service Instructions	1	60	1186347	Flange Screw 3/8-16 X 1 (1060)	2
21	1734867	Decal Hood, R.H. (1)	1		1739210	Tapping Screw 5/16-18 x 1-1/2 (1160)	2
	1736196	Decal Hood, R.H. (2)(3)	1	61	1186098	Carr. Bolt 5/16-18x3/4(1)(2)	1
22	1734866	Decal Hood, L.H. (1)	1	62	1186067	Carriage Bolt 1/4-20 x 1/2	1
	1736197	Decal Hood, L.H. (2)(3)	1	63	1186130	Carriage Bolt 3/8-16 x 1-1/4	1
23	1730137	Decal, Stripe (1)	2	64	1185232	Drive Pin 3/16 x 3/4	1
24	1726932	Trim	1	65	1714721	Spacer	1
25	1732686	Decal, Instrument Panel (1)	1	66	1734398	Top Lock Nut 1/4-20	1
	1736373	Decal, Instrument Panel (2)(3)	1	67	1734084	Shift Shield	1
26	1734816	Decal (1)(2)	1	68	1736203	Fender Decal L.H. (2)(3)	1
27	1732137	Strip, Sealing (1)	2	69	1736204	Fender Decal R.H. (2)(3)	1
28	1731949	Shield, Heat (1)	1	70	1736565	L.H. Foot Rest (2)(3)	1
29	1186307	Screw, Hex. Hd. Flange Lock 1/4-20 x 3/8 (1)	4	71	1736566	R.H. Foot Rest (2)(3)	1
30	1186389	Nut, Flange Lock, 1/4-20	4	72	1736567	Foot Rest Pad (2)(3)	2
31	1734347	Screen, Grille (1)(1060)	1	73	1738072	Push Nut (2)(3)	1
	1736300	Screen, Grille (2)(1060)	1	74	1107382	Flat Washer, 5/16 (2)(3)	8
	1739332	Screen, Grille (2)(3)(1160)	1	75	1100799	Screw, 5/16-18 x 1-1/2(2)(3)	4
32	1727379	Rivet, Pop, 3/16 x 3/8 (1)	6	76	1736341	Pivot Rod (2)(3)	1
	1736399	Flange Nut (2)(3)	4	77	1736340	Pivot Block (2)(3)	4
33	1731966	Hinge, Hood (1)	1	78	1100362	Cotter Pin, 3/32 x 1/2 (2)(3)	1
34	1186331	Screw, Hex. Hd. Flange Lock 5/16-18 x 1 (1)	6	79	1100242	Lock Washer 5/16 (1160)	2
				80	1185418	Flat Washer (1160)	4
				81	1729462	Flat Washer (1160)	4
				82	1185878	Pop Rivet (1160)	2
				83	1738815	Stop (1160)	1
				NI	1735223	Spray Paint (White)	
				NI	1735222	Spray Paint (Black)	
				NI	1736796	Spray Paint (Dark Green)	

\* Common Hardware - Purchase Locally  
(Grade 5 where applicable)

Model 1060 (1) Serial Numbers 0100101 thru 0199999  
(2) Serial Numbers 0200101 thru 0299999

Model 1160 (2) Serial Numbers 0100101 thru 0199999  
(3) Serial Numbers 0200101 thru 0299999

# BOLENS 11 HP TRACTOR

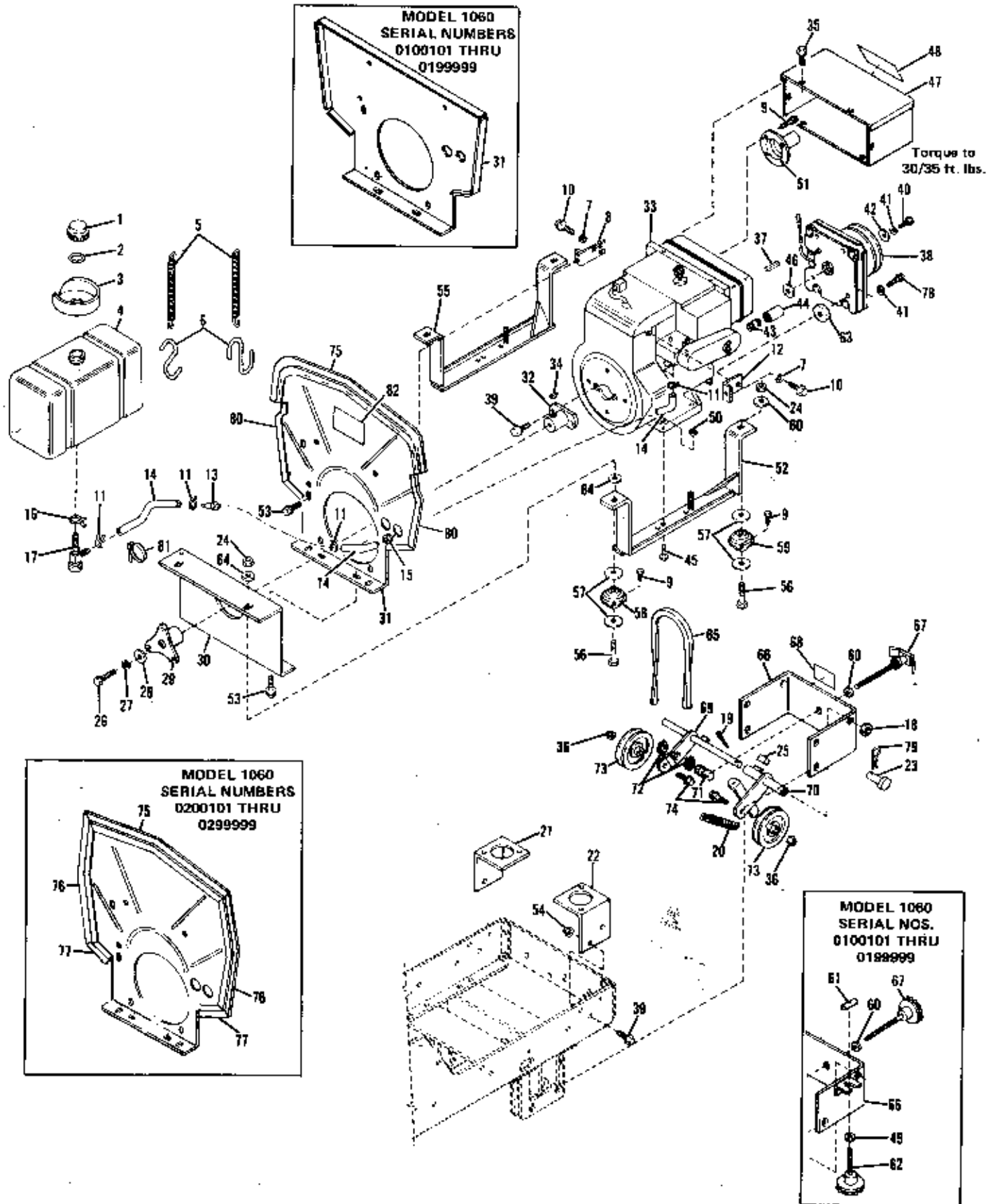


Figure 2. ENGINE AND DRIVE ASSEMBLY

## MODELS 1060 (G11XL) & 1160 (G11XL)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	1723473	Gas Cap	1	46	1729681	Spacer (1)	1
2	1185988	O-Ring	1	47	1734329	Heat Shield Ass'y	1
3	1727487	Shield, Overflow	1	48	1734710	Hot Decal (1)	1
4	1735064	Tank, Fuel (Includes Ref. No. 1 thru 3)	1		1736298	Hot Decal (2)(3)	1
5	1724827	Spring, Extension	4	49	1177042	Lock Washer 3/8 (1)	2
6	1733890	Hook "S"	4	50	1186391	Nut, Flange Lock 5/16-18	4
7	1100241	Lock Washer 1/4	4	51	1734397	Exhaust Flange	1
8	1732643	Heat Shield Brkt.	3	52	1733340	Engine Mount RH (1)	1
9	1185712	Screw, Hex, Hd, Thd. Cutting No. 10-24 x 1/2	12		1735955	Engine Mount RH (2)(3)	1
10	1111599	Screw, Hex, 1/4-20 x 5/8	4	53	1724492	Thd. Forming Screws 1/4-20 x 1/2	6
11	1718185	Clamp, Hose	4	54	1186393	Nut, Flange Lock 3/8-16	8
12	1732645	Heat Shield Brkt.	1	55	1733341	Mount, Engine LH (1)	2
13	1731399	Filter, Fuel (1)(2)	1		1735955	Mount, Engine LH (2)(3)	2
	1727491	Filter, Fuel (3)	1	56	1100062	Screw, Hex, Hd, Cap 3/8-16 X 2-1/2	4
14	1734513	Line, Fuel	2	57	1186047	Washer, Flat	8
15	1729587	Bushing, Snap	1	58	1726510	Mount, Rear	2
16	1723474	Clamp, Hose	1	59	1724896	Mount, Front	2
17	1718029	Valve, Shut Off	1	60	1107383	Washer, Flat 3/8	3
18	1107386	Washer, Flat 5/8	2	61	1733879	Nut, Round Spec (1)	2
19	1100350	Pin, Cotter, 1/8 x 1	2	62	1734266	Adjusting Knob (1)	2
20	1726661	Spring, Extension	1	63	1732174	Spacer (1)	4
21	1733135	Support, Engine LH	2	64	1891733	Flat Washer, Spec	4
22	1733136	Support, Engine RH	2	65	1726701	Belt, V (1060)	1
23	1708125	Pin, Clevis	4	66	1734264	Support, Idler (1)(1060)	1
24	1733398	Nut, Hex, Lock, 3/8-16	4		1731833	Support, Idler (2)(1060)	1
25	1734935	Indicator Cap	2		1736481	Support, Idler (2)(3)(1160)	1
26	1100045	Screw, Hex, 3/8-16 x 1	1	67	1730020	Knob, Adjusting (1)	1
27	1100242	Washer, Lock 5/16	1		1735112	Knob, Adjusting (2)	1
28	1100255	Washer, Flat 3/8	1		1740794	Knob, Adjusting (3)	1
29	1733347	Hub, Engine	1	68	1734564	Decal, Belt Adjustment (1)	1
30	1733339	Shield, Grass (1)	1		1736368	Decal, Belt Adjustment (2)(3)	1
	1736205	Shield, Grass (2)(3)	1	69	1734925	Idler Arm Assembly (1060)	1
31	1732642	Shield, Heat (1)	1		1738568	Idler Arm Assembly (1160)	1
	1735243	Shield, Heat (2)(3)	1	70	1734566	Idler Arm Assembly (1060)	1
32	1733344	Flywheel Extension (1)	1		1738569	Idler Arm Assy (1160)(2)	1
	1735954	Flywheel Extension (2)(3)	1		1742725	Idler Arm Assy (1160)(3)	1
33	*	Engine, Brigg's & Stratton (Model 253417-0133-01)(1060)	1	71	1727896	Pivot (1)(2)	1
	*	Engine, B & S (Model 253417-0631) (1160)	1		1742733	Pivot (3)	1
34	1186034	Key, Woodruff	1	72	1113527	Ring, Retaining 3/4	2
35	1186307	Screw Flange 1/4-20 x 3/8	6	73	1726660	Pulley, Idler	2
36	1186393	Nut, Flange Lock 3/8-16	2	74	1186350	Screw, Flange Lock 3/8-16 x 1-1/2	2
37	1108842	Key, SQ 1/4 x 3/4	1	75	1735609	Shield Gasket (2) (1060)	1
38	1734788	Clutch/Brake, Elect (1)	1		1740334	Shield Gasket (2) (1060)	1
	1735928	Clutch/Brake, Elect (2)(3)	1	76	1738581	Shield Gasket (2) (1060)	2
39	1186345	Screw, Flange Lock 3/8-16 x 3/4	10	77	1736572	Shield Gasket (2) (1060)	4
40	1100009	Screw, Hex, Hd. 3/8-24 x 1	1	78	1103212	Hex Hd. Screw, 3/8-16 x 5/8	4
41	1100243	Washer, Lock 3/8	5	79	1723478	Hitch Pin	4
42	1734790	Clutch Retainer (1)	1	80	1740343	Trim (1160)	2
	1736563	Clutch Retainer (2)(3)	1	81	1805345	Tie Cable (1160)	1
43	1734685	Pipe Nipple	1	82	1740751	Warning Decal	8
44	1734686	Pipe Coupling	1	NI	1718780	Sealant, Exhaust	AR
45	1186334	Screw, Flange 5/16-18 x 1-3/4	2				

### Model 1060

(1) Serial Numbers 0100101 thru 0199999

(2) Serial Numbers 0200101 thru 0299999

### Model 1160

(1) Serial Numbers 0100101 thru 0199999

(2) Serial Numbers 0200101 thru 0299999

(3) Serial Numbers 0300101 thru 0399999

\* Common Hardware - Purchase Locally (Grade 5 where applicable)

\* Order Parts From Your Local Brigg's & Stratton Outlet

# BOLENS 11 HP TRACTOR

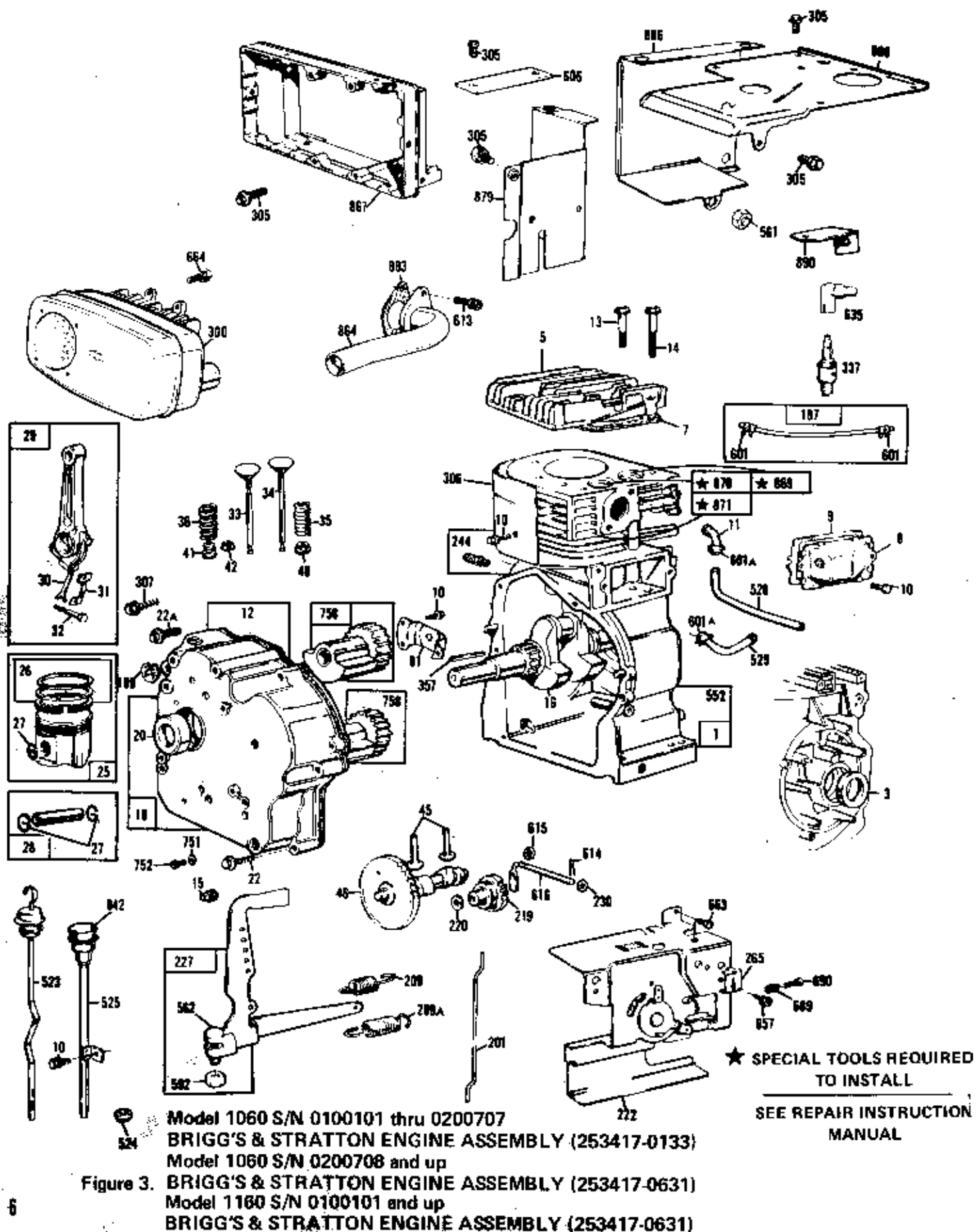


Figure 3.

MODELS 1060 (G11XL) & 1160 (G11XL)

121 CARB. OVERHAUL KIT  
 358 GASKET SET  
 861 PUMP REPAIR KIT

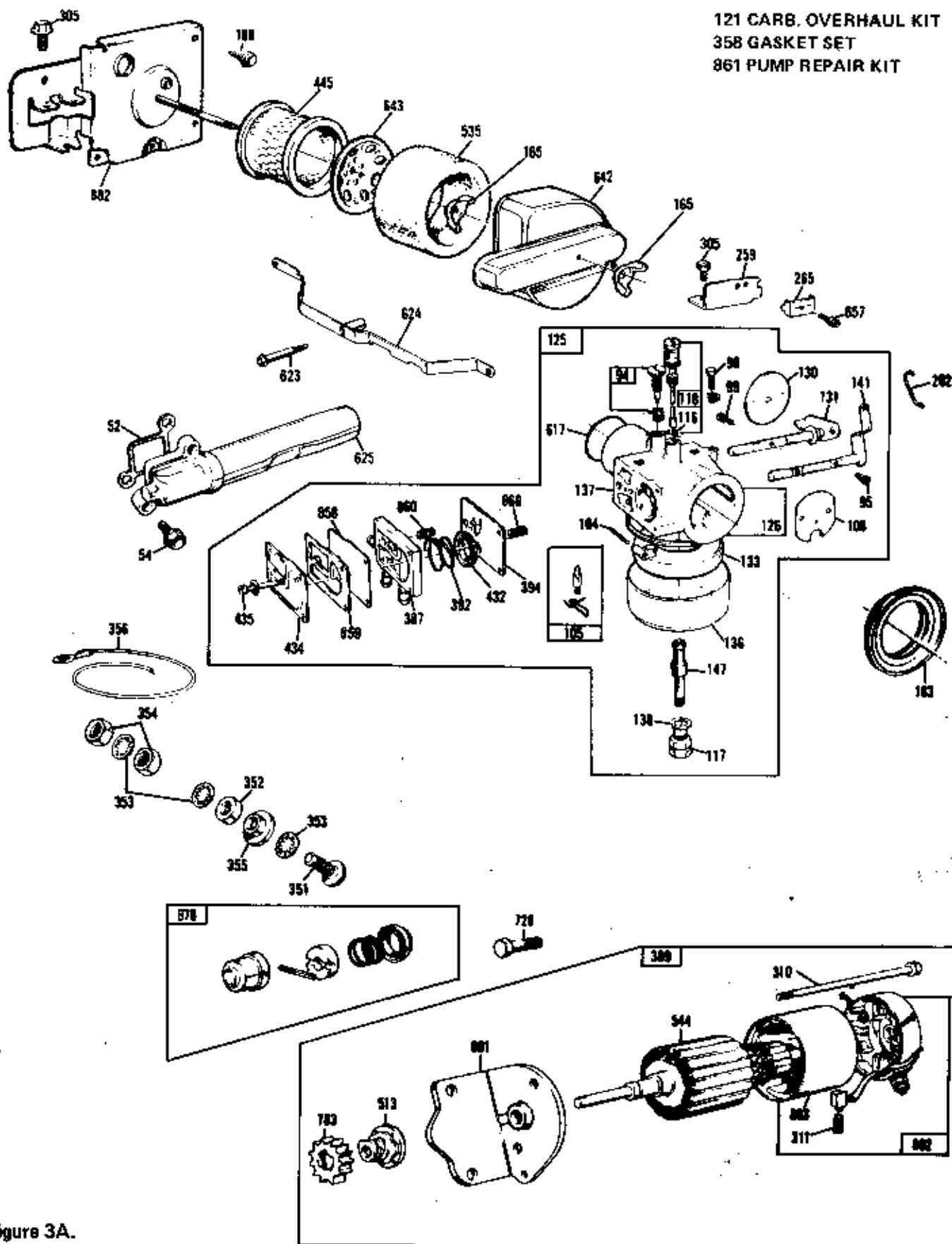
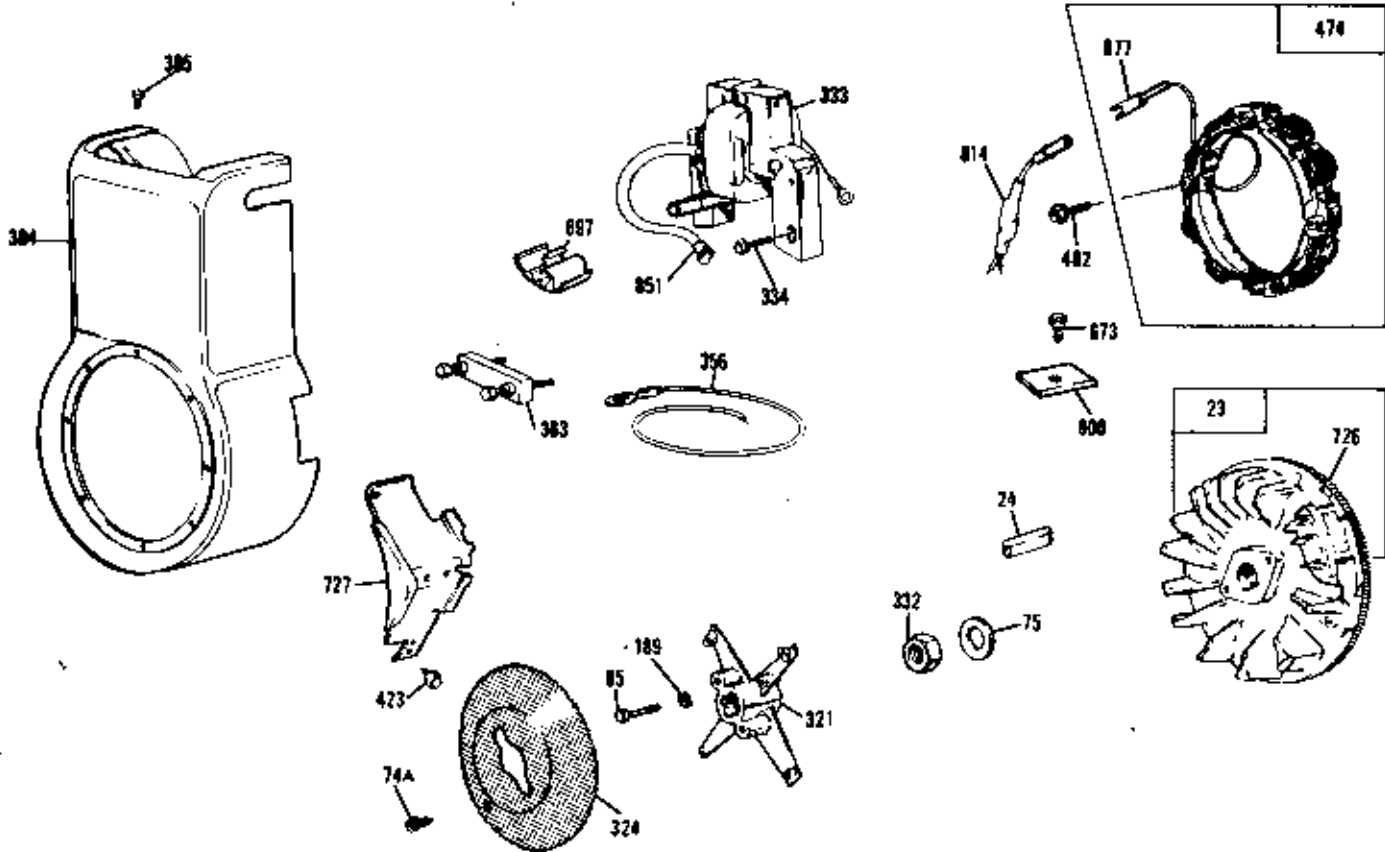


Figure 3A.

**BOLENS 11 HP TRACTOR**



**Figure 3B.**

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	393525	Cylinder Assembly	22A	93764	Screw - Crankcase Cover
3	391086	Seal - Oil			Mtg. (1) (2-1/8" Long)
5	212119	Head - Cylinder	23	392406	Flywheel And Ring Gear
7	*271078	Gasket - Cylinder Hd.			Assy. - Magneto
8	392294	Breather Assembly	24	61760	Key - Flywheel
9	*27803	Gasket - Valve Cover	25	391285	Piston Assembly - Standard
10	93394	Screw - Sem		391287	Piston Assembly - .010" OS
11	280169	Grommet - Breather Tube		391288	Piston Assembly - .020" OS
12	*270856	Gasket - Crankcase Cover,		391289	Piston Assembly - .030" OS
		1/64" Thick			
	*270857	Gasket - Crankcase Cover,			
		.005" Thick			
	*270858	Gasket - Crankcase Cover,			
		.009" Thick			
13	93113	Screw - Cylinder Hd.			
		(2-5/16" Long)			
14	93211	Screw - Cylinder Hd.			
		(2-21/32" Long)			
15	93418	Plug - Hex. Socket			
16	261336	Crankshaft			
18	391747	Cover Assembly - Crankcase			
20	291675	Seal - Oil			
22	93685	Screw - Crankcase Cover			
		Mtg. Sem			

**PISTON RING SET:**

26	391780	Ring Set - Piston Standard
	391781	Ring Set - Piston .010" OS
	391782	Ring Set - Piston .020" OS
	391783	Ring Set - Piston .030" OS
27	260924	Lock - Piston Pin
28	299691	Pin Assembly - Piston -
		Standard
	391286	Pin Assembly - Piston -
		.005" OS
29	391816	Rod Assembly - Connecting
30	222329	Dipper - Connecting Rod

\* Included in Gasket Set - Part No. 393529



**ORDER PARTS FROM YOUR LOCAL BRIGG'S & STRATTON OUTLET**
**MODEL 1060(G11XL)  
& 1160 (G11XL)**

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
31	222299	Lock - Connecting Rod Screw . . . . .	202	261339	Link - Throttle . . . . .
32	92909	Screw - Connecting Rod . . .	209	260871	Spring - Governor . . . . .
33	261185	Valve - Exhaust . . . . .	209A	261126	Spring - Governed Idle . . . .
34	261462	Valve - Intake . . . . .	219	391737	Gear - Governed . . . . .
35	65906	Spring - Intake Valve . . . . .	220	221551	Washer - Thrust . . . . .
36	26828	Spring - Exhaust Valve . . . .	222	392291	Plate - Gov. Control . . . . .
40	221596	Retainer - Intake Valve . . . .	227	392707	Lever Assy. - Governor . . . .
41	292260	Rotocoil - Exhaust Valve . . .	230	222450	Washer - Gov. Crank . . . . .
42	93630	Retainer - Exhaust Valve Rotocoil (2) . . . . .	244	230318	Connector - Fuel Pipe . . . . .
45	261183	Tappet - Valve . . . . .	259	222611	Bracket - Choke Control . . . .
46	212296	Gear - Cam . . . . .	265	221535	Clamp - Casing . . . . .
52	*270972	Gasket - Intake Elbow Mtg. . .	300	393466	Muffler - Exhaust . . . . . Uses: 271179 Gasket 93343 Screw - Hex Hd. (1/4-20 x 5/8) 393551 Body Ass'y - Finned
54	93812	Screw - Intake Elbow Mtg. Sem . . . . .	304	393994	Housing - Blower . . . . .
74A	93808	Screw - Sem . . . . .	305	93158	Screw - Sem (1/4-20 x 1/2) . . .
75	220865	Washer - Spring . . . . .	306	222609	Shield - Cylinder . . . . .
81	222407	Retainer - Counterweight . . .	307	93211	Screw - Hex, (5/16-18 x 2-21/32) . . . . .
85	91386	Screw - Hex Head . . . . .	309	393499	Motor - Starter . . . . .
94	†393541	Valve Assembly - Carburetor Idle . . . . .	310	391790	Thru Bolt . . . . .
95	93499	Screw - Throttle And Choke Valve Mtg. Sem . . . . .	311	391791	Brush Set . . . . .
98	93860	Screw - Hex Head (No. 5-40 x 1/2) . . . . .	321	212159	Fan - Booster . . . . .
99	260746	Spring - Throttle Adjustment	324	222754	Screen - Rotating . . . . .
104	†230896	Pin - Float Hinge . . . . .	332	92284	Nut - Hex . . . . .
105	†299096	Valve - Fuel Inlet . . . . .	333	393993	Armature Assembly . . . . .
108	222010	Valve - Choke . . . . .	334	93381	Screw - Armature Mtg. Sem . . .
116	†280203	Packing - Needle Valve . . . . .	337	293918	Plug - Spark (Resistor Type) Use Ignition Cable Terminal No. 221798
117	231101	Screw - Float Bowl Mtg. . . . .	351	93735	Screw - Terminal . . . . .
118	†393542	Valve - Needle . . . . .	352	66068	Washer - Insulating . . . . .
121	393544	Overhaul Kit - Carb. . . . .	353	92791	Washer - Lock - Shakeproof . .
125	392690	Carburetor Assembly . . . . .	354	90576	Nut - Hex (8-32) . . . . .
126	393543	Body Assembly - Carburetor	355	66554	Collar - Insulating . . . . .
130	221939	Valve - Throttle . . . . .	356	295413	Wire - Ground . . . . .
131	392278	Shaft And Lever - Throttle . .	357	91540	Key - Pulley . . . . .
133	299707	Float Assembly . . . . .	358	393529	Gasket Set . . . . .
136	221995	Bowl - Float . . . . .	363	19203	Puller - Flywheel (Optional Accessory) . . . . .
137	†*270511	Gasket - Float Bowl . . . . .	387	280162	Body - Pump . . . . .
138	222014	Washer - Float Bowl . . . . .	392	†261395	Spring - Pump . . . . .
141	392280	Shaft And Lever - Choke . . . .	394	†270988	Diaphragm . . . . .
147	†230932	Screw - Nozzle . . . . .	423	93410	Screw - Sem . . . . .
163	†280199	Gasket - Air Cleaner Mtg. . . .	432	†221377	Cap - Spring . . . . .
165	93453	Nut - Wing . . . . .	434	222615	Cover - Pump . . . . .
187	390674	Pipe - Fuel . . . . .			
188	93535	Screw - Sem (5/16-18 x 3/4)			
189	90366	Lockwasher . . . . .			
201	261338	Link - Governor . . . . .			

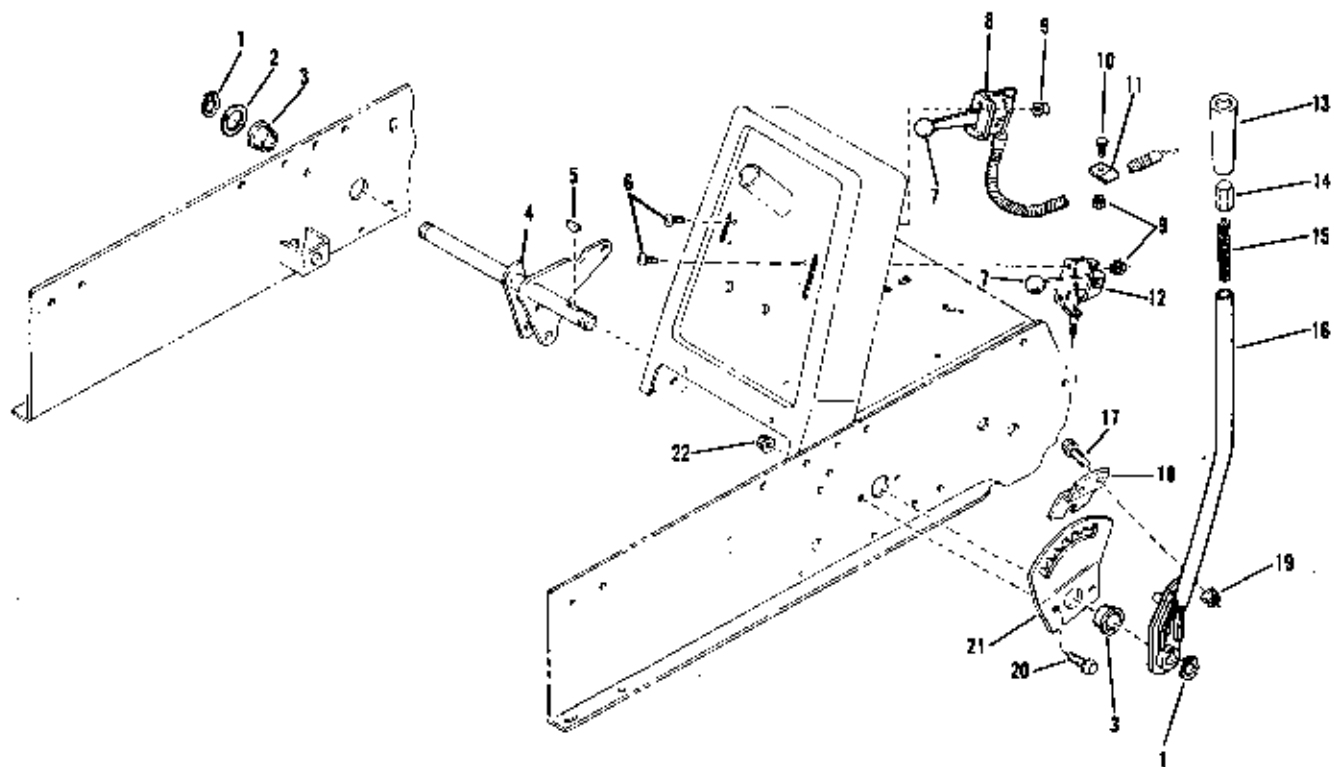
 † Included in Carburetor Overhaul  
Kit - Part No. 393544

 \* Included in Gasket Set -  
Part No. 393529

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
435	93829	Screw - Pump Cover . . . . .	726	392134	Gear - Flywheel Ring (Includes Mtg. Parts) . . . . .
445	392286	Cartridge - Air Cleaner . . . . .	727	390233	Cover And Shield - Starter . . . . .
474	392595	Stator - Alternator (Tri-Circuit) . . . . .	728	93535	Screw - Sem . . . . .
482	93821	Screw - Sem . . . . .	751	22355	Washer - Flat . . . . .
513	391135	Clutch Assy. - Starter . . . . .	752	93554	Screw - Plug . . . . .
523	392295	Cap And Dipstick - Oil Fill . . . . .	758	391481	Counterweight And Bearing Assembly . . . . .
524	68838	Seal - Fill Tube . . . . .	783	280104	Gear - Starter . . . . .
525	392283	Tube - Oil Fill . . . . .	800	222212	Retainer, Clip Wire . . . . .
528	231105	Tube - Breather . . . . .	801	392061	Drive End Cap Ass'y. - Starter . . . . .
529	280160	Grommet - Breather Tube (Air Cl. End) . . . . .	802	391172	Cap Ass'y. - End . . . . .
535	270973	Element - Air Cleaner . . . . .	803	391167	Housing Assembly . . . . .
544	391160	Armature Assembly (Motor) . . . . .	814	392606	Wire Ass'y. - Alternator . . . . .
552	231056	Bushing - Gov. Crank . . . . .	842	270933	Seal - Oil Fill Cap . . . . .
561	92278	Hex Nut - Hood Mounting . . . . .	851	221798	Terminal - Ignition Cable . . . . .
562	92613	Bolt - Governor Lever . . . . .	858	1270989	Diaphragm - Damping . . . . .
592	231082	Nut - Hex (10-24) . . . . .	859	1271025	Gasket - Carburetor Pump . . . . .
601	93053	Clamp - Hose . . . . .	860	1261358	Spring - Pump Valve . . . . .
601A	93814	Clamp - Hose . . . . .	861	393397	Repair Kit - Pump . . . . .
606	222697	Bracket - Strap . . . . .	864	392903	Pipe Ass'y. - Exhaust . . . . .
613	93840	Screw - Socket Hd. . . . .	867	212235	Frame - Shroud . . . . .
614	93306	Cotter - Hair Pin . . . . .	869	261463	Seat - Intake Valve (Standard) . . . . .
615	93307	Retainer - E-Ring . . . . .	870	210940	Seat - Exhaust Valve (Standard) . . . . .
616	231057	Crank - Gov. (1/4" Dia.) . . . . .	871	230655	Guide - Exhaust Valve . . . . .
617	1270920	Seal - Intake Tube . . . . .	876	393254	Kit - Pinion Spring . . . . .
623	93838	Screw - Shoulder . . . . .	877	393537	Connector Ass'y. (Tri-Circuit) . . . . .
624	392292	Lever - Linkage . . . . .	879	392290	Side Cover Assembly . . . . .
625	392285	Elbow And Tube - Intake . . . . .	880	222613	Hood - Upper Engine . . . . .
626	66638	Elbow - Spark Plug . . . . .	882	392289	Mounting Plate Ass'y. - Air Cleaner . . . . .
642	392288	Cover - Air Cleaner & Carburetor Intake Duct . . . . .	883	270917	Gasket - Exhaust Pipe . . . . .
643	222680	Cup - Air Cleaner . . . . .	886	222695	Shroud - Exhaust Side . . . . .
657	93496	Screw - Sem . . . . .	890	222935	Bracket - Support . . . . .
663	93572	Screw - Hex (10-32 x 3/8) . . . . .	897	280186	Shield Capsule . . . . .
664	93343	Screw - Hex Hd. (1/4-20 x 5/8) . . . . .			
673	93014	Screw - Retainer . . . . .			
689	26157	Spring - Throttle Adjustment . . . . .			
690	91920	Screw - Machine Fit, Hd. (8-32 x 5/8") . . . . .			

† Included in Carburetor Overhaul  
Kit - Part No. 393544

\* Included in Gasket Set -  
Part No. 393529



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	1118554	Retaining ring	2	13	1730754	Grip	1
2	1185816	Shim	A/R	14	1714844	Plunger	1
3	1185728	Flange Bearing	2	15	1713075	Spring	1
4	1734544	Shaft, Lift	1	16	1734768	Handle, Lift	1
5	1100279	Key, Woodruff, 1/4 X 1	1	17	• 1186329	Screw, Flange Lock, 5/16-18 X 3/4	2
6	• 1115815	Machine Screw, No. 10-24 X 5/8	4	18	1726401	Bracket	1
7	1724527	Knob Only	2	19	• 1186391	Whiz Lock Nut, 5/16-18	2
8	1732620	Control, Choke	1	20	• 1186345	Screw, Flange Lock, 3/8-16 X 3/4	2
9	1185985	Keys Nut, No. 10-24	4	21	1734262	Quadrant	1
10	1185712	Tapping Screw No. 10-24 (1)	1	22	• 1186393	Flange Lock Nut, 3/8-16	2
11	1715127	Housing Clamp (1)	1				
12	1734523	Control, Throttle	1				

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

### Model 1060

(1) Serial Numbers 0100101 thru 0198999

(2) Serial Numbers 0200101 thru 0299999

### Model 1160

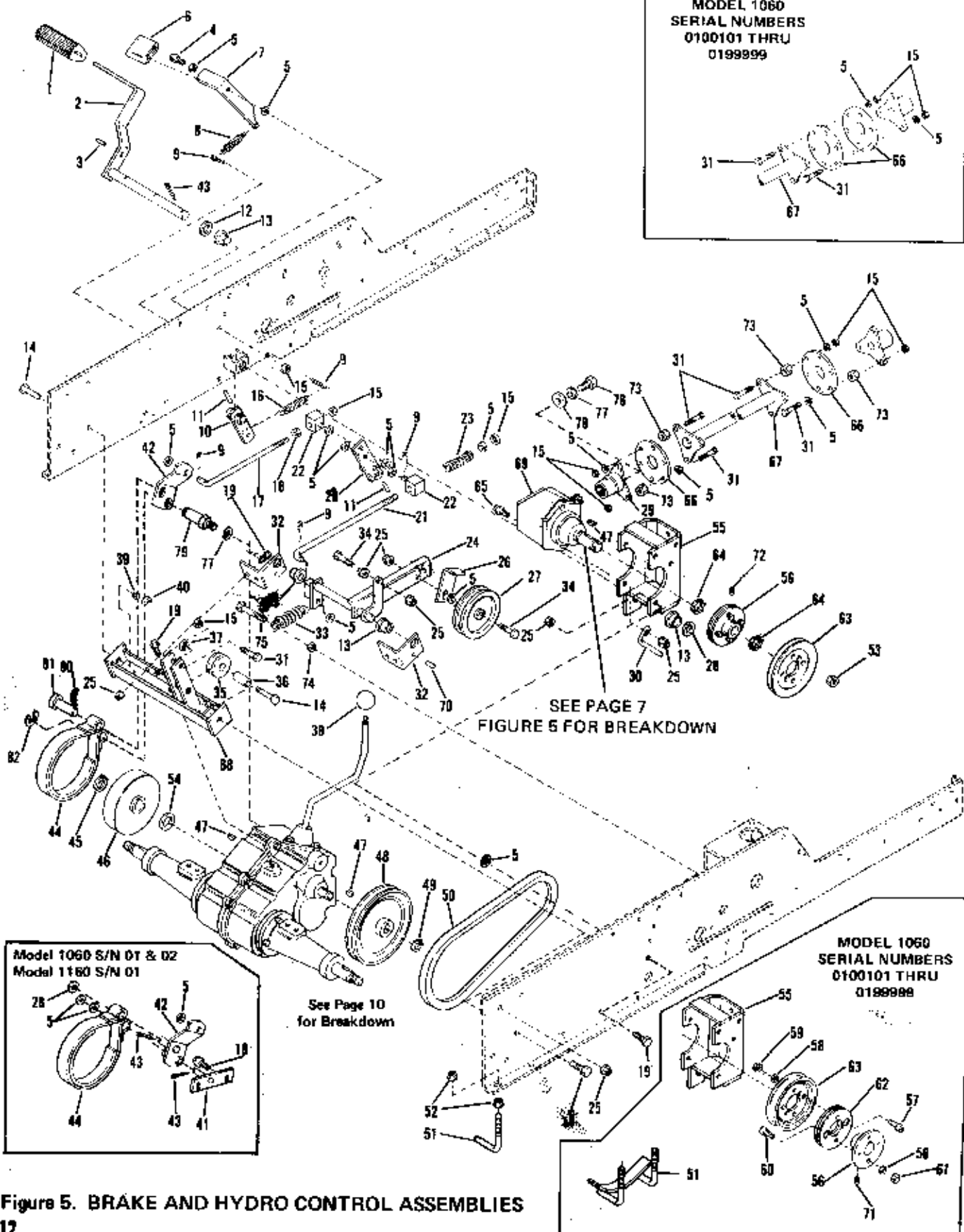
(2) Serial Numbers 0100101 thru 0199999

(3) Serial Numbers 0200101 thru 0299999

Figure 4. HAND CONTROLS AND LIFT ASSEMBLY

# BOLENS 11 HP TRACTOR

MODEL 1060  
SERIAL NUMBERS  
0100101 THRU  
0199999



SEE PAGE 7  
FIGURE 5 FOR BREAKDOWN

See Page 10  
for Breakdown

Model 1060 S/N 01 & 02  
Model 1160 S/N 01

MODEL 1060  
SERIAL NUMBERS  
0100101 THRU  
0199999

Figure 5. BRAKE AND HYDRO CONTROL ASSEMBLIES

**MODELS 1060 (G11XL) & 1160 (G11XL)**

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	1728694	Rubber Foot Rest . . . . .	1	43	• 1100350	Cotter Pin 1/8 X 1 . . . . .	3
2	1733771	L.H. Pedal Ass'y . . . . .	1	44	1733735	Brake Band Ass'y . . . . .	1
3	1120209	Roll Pin 3/16 X 3/4 . . . . .	1	45	1118554	Retaining Ring 1" . . . . .	1
4	• 1186347	Screw Flange 3/8-16 X 1 . . . . .	1	46	1734741	Brake Drum Ass'y . . . . .	1
5	• 1107383	Flat Washer 3/8 . . . . .	25	47	1104436	Key Woodruff 3/16 X 3/4 . . . . .	3
6	1728696	Handle Grip . . . . .	1	48	1728308	Pulley . . . . .	1
7	1729683	Brake Lock . . . . .	1	49	1113527	Retaining Ring 3/4 . . . . .	1
8	1726640	Spring . . . . .	1	50	1729716	V Belt . . . . .	1
9	• 1100346	Cotter Pin 3/32 x 3/4 . . . . .	6	51	1729720	Belt Guide Ass'y (1) . . . . .	1
10	1729163	Control Arm Ass'y (1)(2) . . . . .	1		1728286	Belt Guide (2)(3) . . . . .	2
	1739307	Control Arm Ass'y (1160)(2) . . . . .	1	52	• 1186391	Flange Nut 5/16-18 . . . . .	4
	1742412	Control Arm Ass'y (1160)(3) . . . . .	1	53	1734398	Hex Lock Nut, 1/4-20 (2)(3) . . . . .	4
11	1732147	Drive Pin . . . . .	2	54	1186457	Thrust Washer . . . . .	1
12	1727888	Spacer . . . . .	1	55	1733739	Support, Gear Box . . . . .	1
13	1185802	Bushing . . . . .	4	56	1735087	Hub Ass'y (1) . . . . .	1
14	• 1100064	Screw Hex 1/2-13 X 1-1/2 . . . . .	2		1734904	Hub Ass'y (2)(3) . . . . .	1
15	• 1733398	Top Lock Nut 3/8-16 . . . . .	15	57	1110818	Socket Hd. Screw, 5/16-18 x 3/4 (1) . . . . .	2
16	1720612	Spring . . . . .	1	58	1185140	Lock Collar Washer (1) . . . . .	4
17	1728285	Brake Rod (1) . . . . .	1	59	• 1732499	Lock Nut, 5/16-18 (1) . . . . .	2
	1735569	Brake Rod (2) . . . . .	1	60	1735333	Socket Hd. Screw, 5/16-18 x 1/2 (1) . . . . .	2
	1740859	Brake Rod (3) . . . . .	1	61	1186258	Jam Nut, 5/16-18 (1) . . . . .	2
18	• 1110108	Lock Nut 3/8-16 . . . . .	1	62	1735090	Coupling (1) . . . . .	1
19	• 1186345	Flange Screw 3/8-16 X 3/4 . . . . .	10	63	1734905	Pulley . . . . .	1
20	1733774	Control Arm Ass'y . . . . .	1	64	1180025	Retaining Ring 7/8 . . . . .	2
21	1728288	Clutch Rod (1) . . . . .	1	65	• 1186348	Screw Flange 3/8-16 X 1-1/4 . . . . .	2
	1735570	Clutch Rod (2)(3) . . . . .	1	66	1731806	Disc Coupling (1) . . . . .	4
22	1734556	Pivot Block . . . . .	2		1734331	Disc Coupling (2)(3) . . . . .	2
23	1714655	Spring (1) . . . . .	1	67	1728311	Drive Shaft (1060)(1) . . . . .	1
24	1728282	Idler Shaft Ass'y (1)(2) . . . . .	1		1736759	Drive Shaft (2)(3) . . . . .	1
	1739746	Idler Shaft Ass'y (3) . . . . .	1		1742337	Drive Shaft (3) . . . . .	1
25	• 1186393	Flange Nut 3/8-16 . . . . .	11	68	1733769	Transaxle Support . . . . .	1
26	1734835	Belt Guide . . . . .	1	69	1734342	Gear Box Ass'y (1) . . . . .	1
27	1728810	Idler . . . . .	1		1737757	Gear Box Ass'y (2)(3) . . . . .	1
28	• 1107386	Flat Washer, 5/8 . . . . .	10	70	1185409	Roll Pin 1/4 X 5/8 (1) . . . . .	1
29	1733748	Hub Ass'y (1) . . . . .	1	71	1103437	Set Screw 1/4-20 X 1/4 (1) . . . . .	1
	1737758	Hub Ass'y (2)(3) . . . . .	1	72	1182554	Set Screw, 5/16-18 x 5/16 (2)(3) . . . . .	1
30	1730138	Belt Guide . . . . .	1	73	1186247	Hex Nut, 1/2-20 (2)(3) . . . . .	12
31	• 1100043	Hex Screw, 3/8-16 X 1-1/4 . . . . .	12	74	1186259	Jam Nut, 3/8-16 . . . . .	1
32	1733776	Idler Arm Support . . . . .	2	75	• 1100062	Hex Screw, 3/8-16 x 2-1/2 . . . . .	1
33	1701322	Spring (1) . . . . .	1	76	• 1100046	Hex Screw, 3/8-16 x 1 (2)(3) . . . . .	1
	1706822	Spring (2)(3) . . . . .	1	77	• 1100243	Lock Washer, 3/8 (2)(3) . . . . .	2
34	• 1100047	Hex Screw, 3/8-16 X 1-1/2 . . . . .	2	78	• 1100256	Flat Washer, 3/8 (2)(3) . . . . .	1
35	1734508	Tiller Roller . . . . .	1	79	1739889	Shoulder Bolt (3) . . . . .	1
36	1734509	Spacer (1) . . . . .	1	80	1100351	Cotter Pin 1/8 x 1-1/4 (3) . . . . .	1
37	• 1110110	Lock Nut, 1/2-13 (1) . . . . .	1	81	1724639	Clevis Pin (3) . . . . .	1
38	1733871	Knob . . . . .	1	82	1177567	Retaining Ring (3) . . . . .	1
39	• 1100245	Lock Washer 1/2 . . . . .	2				
40	• 1186233	Hex Nut 1/2-13 . . . . .	2				
41	1733757	Brake Pivot Ass'y (1)(2) . . . . .	1				
42	1733762	Brake Arm Ass'y (1)(2) . . . . .	1				
	1733761	Brake Arm Ass'y (3) . . . . .	1				

**Model 1060**

- (1) Serial Numbers 0100101 thru 0199999
- (2) Serial Numbers 0200101 thru 0299999

**Model 1160**

- (2) Serial Numbers 0100101 thru 0199999
- (3) Serial Numbers 0200101 thru 0299999

# BOLENS 11 HP TRACTOR

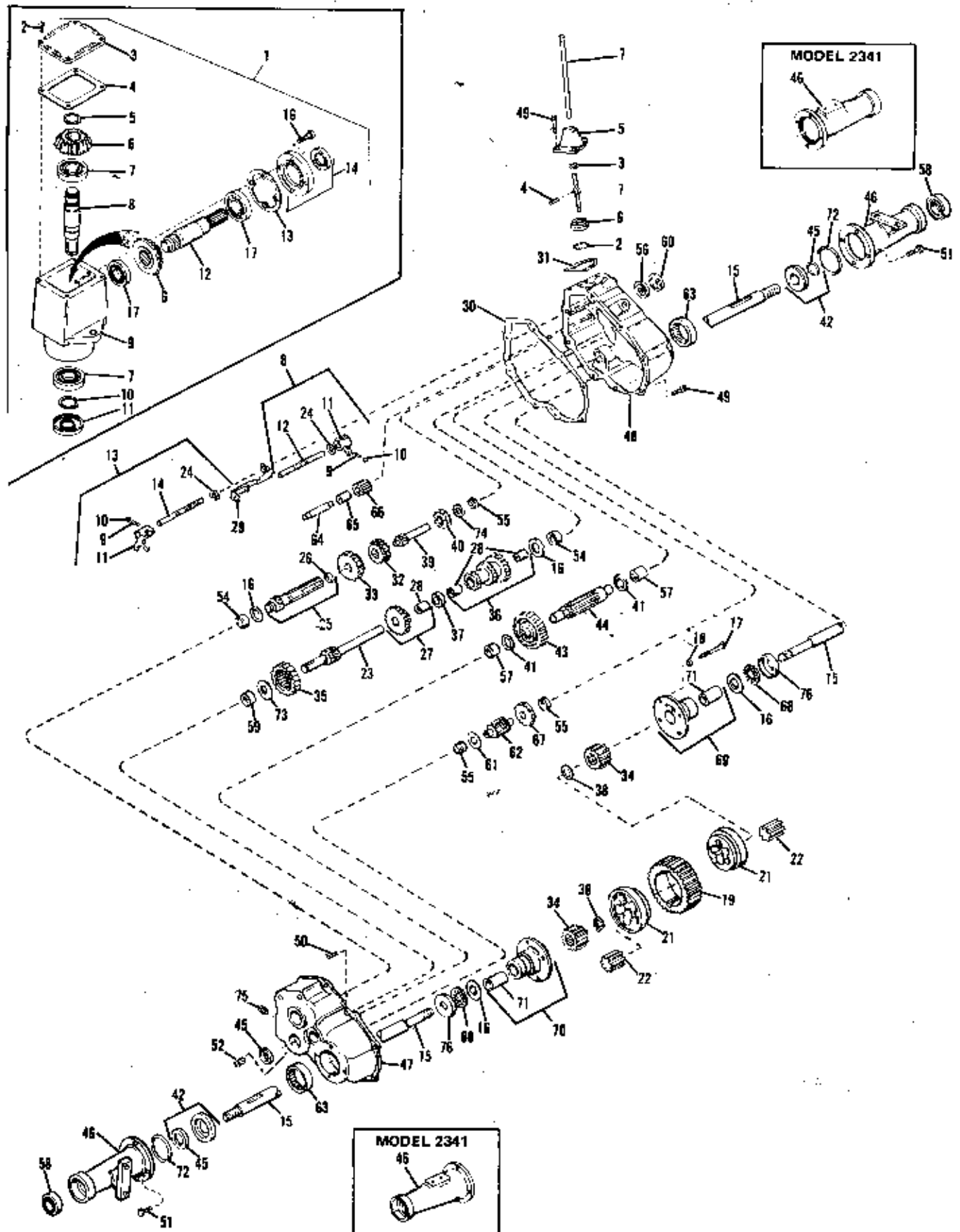


Figure 6. PEERLESS TRANSAXLE ASSEMBLY (MODEL 2341, 2346 & 2350)

**MODELS 1060 (G11XL) & 1160 (G11XL)**

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
<b>PEERLESS TRANSAXLE ASSEMBLY</b>			
2	792016	Ring, Snap	
3	792001	Ring, Quad	
4	792049	Pin, Drive	
5	794093	Housing, Shift Lever	
6	784094	Keeper, Shift Lever	
7	784297	Lever, Shift	
8	784054	Rod Assy., Shift (Incl. Nos. 9 thru 12 & 24)	
9	792003	Spring	
10	792004	Ball, Steel	
11	784004	Fork, Shifter	
12	784055	Rod, Shifter (3rd & 4th)	
13	784056	Rod Assy., Shift (Incl. Nos. 9 thru 11 & 14)	
14	784057	Rod, Shifter (Low)	
15	774380	Axle	
16	780042	Washer, Thrust	
17	792056	Screw, Hex Hd, Cap, 1/4-20 x 3-1/4	
18	792006	Lockwasher, 1/4	
19	778080	Gear, Ring	
21	788052	Core, Body	
22	778078	Gear, Pinion	
23	776029A	Shaft & Gear, Brake	
24	792017	Ring, Snap	
25	776026	Shaft & Bearing Assy., Pinion (Incl. No. 26)(1)(2)	
	776189A	Shaft & Bearing Assy., Pinion (Incl. No. 26)(3)	
26	780018	Bearing	
27	778034	Gear Cluster Assy. (Incl. No. 28)	
28	780053	Bushing	
29	784074	Stop, Shifter	
30	788023	Gasket, Case & Cover	
31	788022	Gasket, Shift Lever Housing	
32	778019A	Gear, Shifting (3rd&4th)(1)(2)	
	778050	Gear, Shifting (3rd&4th)(3)	
33	778020	Gear, Shifting (1st & 2nd & Rev.)	
34	778079	Gear, Side	
35	778037	Gear, Idler	
36	778035A	Gear Cluster Assy. (Incl. No. 28)	
37	786024	Spacer, (1)(2)	
	778049	Spacer, (3)	
38	792018	Ring, Snap	
39	776015A	Shaft, Input	
40	778024A	Spur Gear, Input Shaft	
41	790052	Washer, Thrust	
42	788021	Seal & Retainer Assy., Oil (Incl. No. 45)	
43	778036	Gear, Output	
44	776028	Pinion, Output	
45	788008	Seal, Oil	
46	782019	Housing, Axle (1)	
	782062	Housing, Axle (2)	
47	772076	Cover Assy., Transaxle (Incl. Nos. 54, 55, 57, 59 & 63)	
48	770068	Case Assy., Transaxle (Incl. Nos. 54, 55, 57 & 63)	

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
49	792007	Screw, Socket Hd, Cap, 1/4-20 x 3/4	
50	786026	Pin, Dowel	
51	790237	Screw, Hex Hd., 5/16-18 x 7/8	
52	792019	Plug, Magnetic Drain	
54	780049	Bearing, Needle	
55	530105	Bearing, Needle	
56	780024	Bearing, Ball	
57	780047	Bearing, Needle	
58	780050	Bearing, Ball	
59	780046	Bearing, Needle	
60	788025	Seal, Oil	
61	780001	Washer	
62	776031	Shaft & Pinion	
63	780048	Bearing, Needle	
64	776030	Shaft, Reverse Idler	
65	786025	Spacer, Reverse Idler	
66	778016	Idler, Reverse (1)(2)	
	778051	Idler Reverse (3)	
67	778038	Spur, Gear (22 Teeth)	
68	780039	Bearing, Thrust	
69	774141	Carrier Assy., Differential (Incl. No. 71)	
70	774142	Carrier Assy., Differential (Incl. No. 71)	
71	780041	Bushing	
72	788024	"O" Ring	
73	780007	Washer, Thrust	
74	780051	Washer, Thrust	
75	792010	Plug, Pipe	
76	780075	Race, Thrust	

**RIGHT ANGLE GEAR BOX**

1	794226	Head Assy., Left Hand (Incl. Nos. 1 thru 16) (A)	1
	794251	Head Assy., Left Hand (Incl. Nos. 1 thru 16) (B)	1
2	792025	Screw, Rd. Hd, Self-Tap, 10-24 x 1/2	4
3	772035	Cover	1
4	788028	Gasket, Cover	1
5	788018	Ring, Snap	1
6	778046	Gear, Miter	2
7	780034	Bearing, Ball	2
8	778186	Shaft, Output	1
9	770026	Housing, Right Angle Drive	1
10	788019	Ring, Snap	1
11	788029	Seal, Oil	1
12	776185	Shaft, Input (A)	1
	776194	Shaft, Input (B)	1
13	788030	Gasket, Cap	1
14	786029	Cap & Seal Assy., Retainer (Incl. Nos. 92 & 93)	1
15	788031	Seal, Oil	1
16	792026	Screw, Hex Hd., 1/4-20 x 7/8	1
17	780024	Bearing, Ball	2

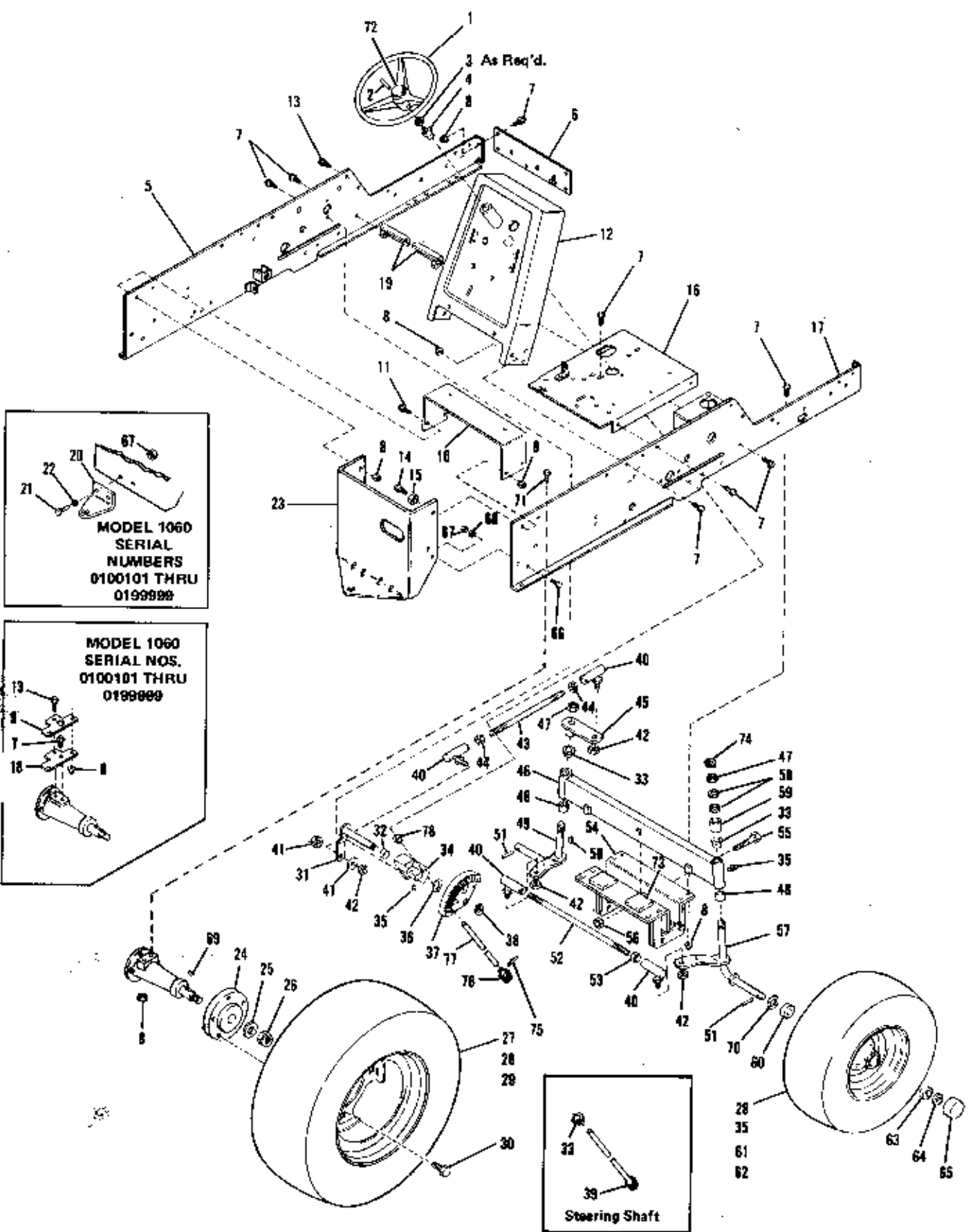
(1) Transaxle Model 2341 (2) Transaxle Model 2346

(3) Transaxle Model 2350

(A) Right Angle Gear Box Model 3345-P91

(B) Right Angle Gear Box Model 3468-P91

**BOLENS 11 HP TRACTOR**



**Figure 7. FRAME STEERING AND AXLE ASSEMBLIES**



## MODELS 1060 (G11XL) & 1160 (G11XL)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	1727284	Wheel, Steering (1) . . . . .	1
	1736907	Wheel, Steering (2)(3) . . . . .	1
2	1185279	Pin, Roll . . . . .	1
3	1708012	Washer, Flat . . . . .	AR
4	1723994	Bearing, Steering . . . . .	1
5	1734325	Frame Assembly, LH (1060) . . . . .	1
	1739090	Frame Assy, L.H. (1160)(2) . . . . .	1
	1742089	Frame Assy, L.H. (1160)(3) . . . . .	1
6	1733210	Brace (1)(2) . . . . .	1
	1742085	Brace (3) . . . . .	1
7	• 1186345	Screw, Hex. Hd. Flange Lock 3/8-16 x 3/4 . . . . .	26
8	• 1186393	Nut, Flange Lock 3/8-16 . . . . .	26
9	1733730	Axle Mounting (1) . . . . .	6
10	1734555	Support, Seat . . . . .	1
11	• 1186347	Screw, Hex. Hd. Flange Lock 3/8-16 x 1 . . . . .	3
12	1732682	Panel Assy., Instrument (1) (1060) . . . . .	1
	1735424	Panel Assy., Instrument (2) (1060) . . . . .	1
	1739101	Panel Assy., Instrument (2) (1160) . . . . .	1
	1742099	Panel Assy., Instrument (3) (1160) . . . . .	1
13	• 1186348	Flange Screw 3/8-16 x 1 . . . . .	1
14	• 1100062	Screw, Hex 3/8-16 (REF) . . . . .	1
15	• 1186259	Nut, Jam, 3/8-16 (REF) . . . . .	1
16	1734731	Support Assembly, Battery & Gas Tank (1)(2) . . . . .	1
	1741729	Support Assembly, Battery & Gas Tank (3) . . . . .	1
17	1734322	Frame Assembly, RH (1060) . . . . .	1
	1739089	Frame Assy, RH (1160)(2) . . . . .	1
	1742086	Frame Assy, RH (1160) (3) . . . . .	1
18	1733729	Axle Mounting (1) . . . . .	2
19	1731716	Frame Support (1) . . . . .	1
	1735572	Frame Support (2)(3) . . . . .	1
20	1724698	Draw Bar (1) . . . . .	1
21	• 1100064	Screw, Hex. Hd., 1/2-13 x 1-1/2 (1) . . . . .	2
22	• 1100245	Washer, Lock, 1/2 (1) . . . . .	2
23	1733886	Rear Panel (1) . . . . .	1
	1735669	Rear Panel (2)(3) . . . . .	1
24	1726679	Hub, Wheel . . . . .	2
25	1708599	Spacer . . . . .	2
26	1120390	Nut, Hex, 3/4-10 . . . . .	2
27	1724718	Wheel Assembly . . . . .	2
28	1718086	Valve . . . . .	4
29	1733081	Tire, 23 x 8.50-12 . . . . .	2
30	101085	Bolt, Hub . . . . .	10
31	1731782	Arm Assembly, Steering . . . . .	1
32	1733707	Spacer, Tubular . . . . .	1
33	1185035	Bushing, Flange . . . . .	3
34	1733488	Bracket, Steering (1)(2) . . . . .	1

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
	1740753	Bracket, Steering Support (3) . . . . .	1
35	1185976	Fitting, Grease Thd. Forming . . . . .	5
36	1733442	Washer, Shim . . . . .	AR
37	1733441	Gear, Steering . . . . .	1
38	1185649	Ring, Retaining . . . . .	1
39	1733242	Shaft Assy, Steering (1)(2) . . . . .	1
40	1713361	Joint, Ball . . . . .	4
41	1716034	Spacer . . . . .	1
42	• 1110152	Nut, Hex. Lock, 1/2-20 . . . . .	4
43	1726496	Rod, Steering . . . . .	1
44	• 1186247	Nut, Hex. Jam, 1/2-20 . . . . .	2
45	1731689	Arm Assembly, Steering . . . . .	1
46	1731636	Axle Assembly, Front . . . . .	1
47	• 1120390	Nut, Hex. Lock, 3/4-10 . . . . .	2
48	1185319	Bearing, Bronze . . . . .	2
49	1731844	Spindle Assy. LH Wheel(1) . . . . .	1
	1736206	Spindle Assy. LH Wheel(2)(3) . . . . .	2
50	1110547	Key, Woodruff, 3/16 x 1-1/8 . . . . .	1
51	1186460	Pin . . . . .	2
52	1726495	Rod, Tie . . . . .	1
53	• 1186247	Nut, Hex., 1/2-20 . . . . .	2
54	1730955	Support Assy, Axle (1060) . . . . .	1
	1738561	Support Assy, Axle (1160) . . . . .	1
55	1732078	Screw, Hex. Hd. Cap 5/8-11 . . . . .	1
56	• 1110112	Nut, Hex., 5/8-11 . . . . .	1
57	1731845	Spindle Assy. RH Wheel (1) . . . . .	1
	1736207	Spindle Assy. RH Wheel (2) . . . . .	1
	1739738	Spindle Assy. RH Wheel (3) . . . . .	1
58	• 1107387	Washer, Flat, 3/4 (1)(2) . . . . .	2
	1708550	Washer, Flat 3/4 (3) . . . . .	1
59	1731691	Hub, Steering (1)(2) . . . . .	1
60	1185616	Bearing, Ball with Seal . . . . .	2
61	1715789	Wheel Assembly (1) . . . . .	2
	1724718	Wheel Assembly (2)(3) . . . . .	2
62	1732957	Tire, 16 x 6.50-8 . . . . .	2
63	1185615	Bearing, Ball . . . . .	2
64	121898	Washer . . . . .	2
65	1715899	Cap, Dust, 1-1/2 - 1.0 . . . . .	2
	1721245	Cap, Dust, 1-5/8 . . . . .	1
66	• 1100064	Screw, Hex 1/2-13 x 1-1/2 . . . . .	4
67	• 1186233	Nut, Hex 1/2-13 . . . . .	4
68	• 1100245	Lock Washer, 1/2-13 . . . . .	4
69	1100281	Woodruff Key . . . . .	2
70	1708550	Washer, Thrust (1) . . . . .	2
71	1186349	Flange Screw, 3/8-16 x 1-1/2 (2)(3) . . . . .	4
72	1737071	Steering Wheel Cap (2)(3) . . . . .	1
73	1734878	Rubber Engine Mount . . . . .	2
74	1113527	Retaining Ring (3) . . . . .	1
75	1738413	Roll Pin (3) . . . . .	1
76	1736159	Bevel Pinion Gear (3) . . . . .	1
77	1738414	Steering Shaft (3) . . . . .	1
78	1185846	Flange Bushing (3) . . . . .	1

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

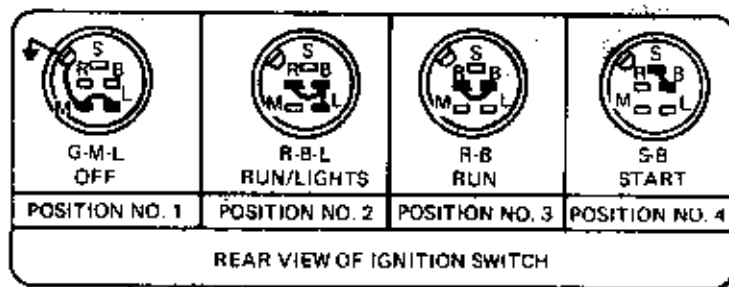
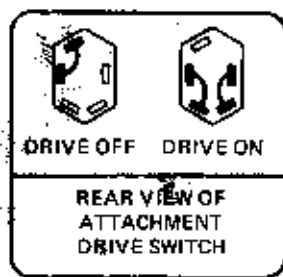
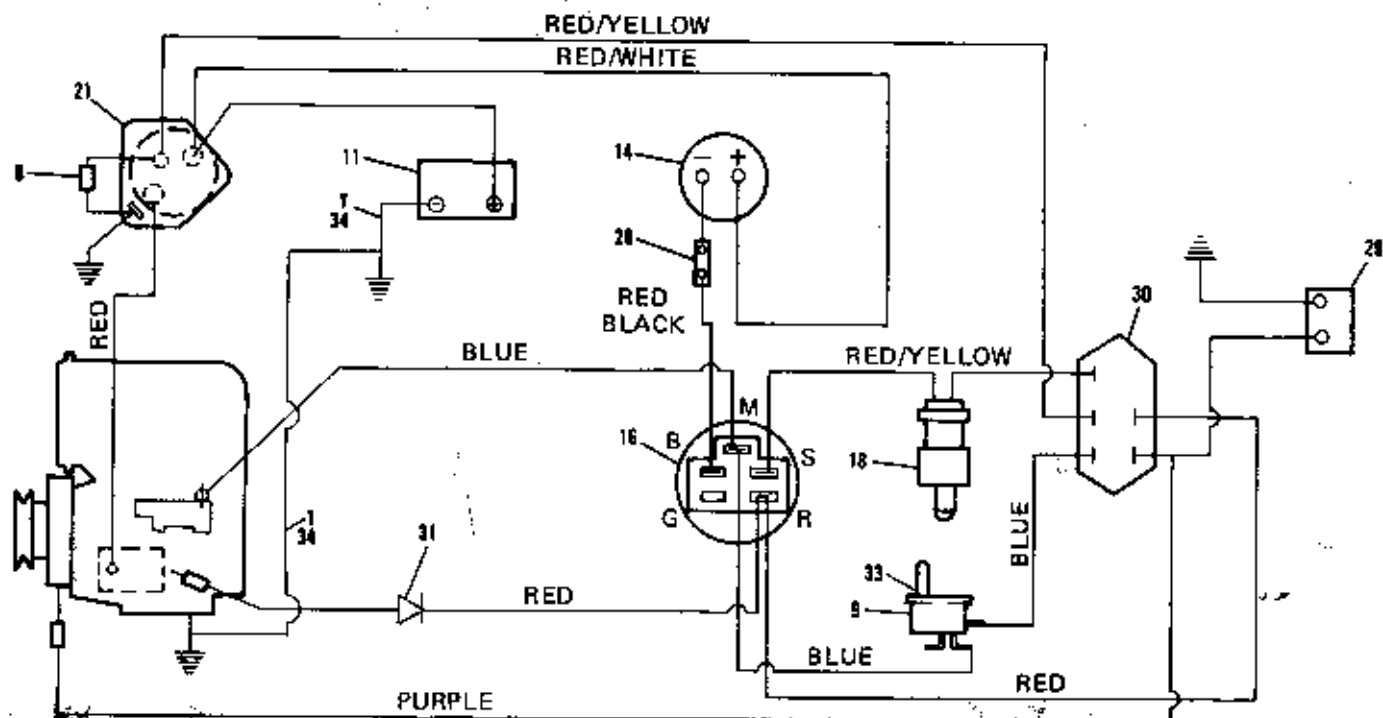
### Model 1060

(1) Serial Numbers 0100101 thru 0199999  
(2) Serial Numbers 0200101 thru 0299999

### Model 1160

(2) Serial Numbers 0100101 thru 0199999  
(3) Serial Numbers 0200101 thru 0299999

# BOLENS 11 HP TRACTOR



MODEL 1060 S/N 0100101 thru 0299999  
 MODEL 1160 S/N 0100101 thru 0199999

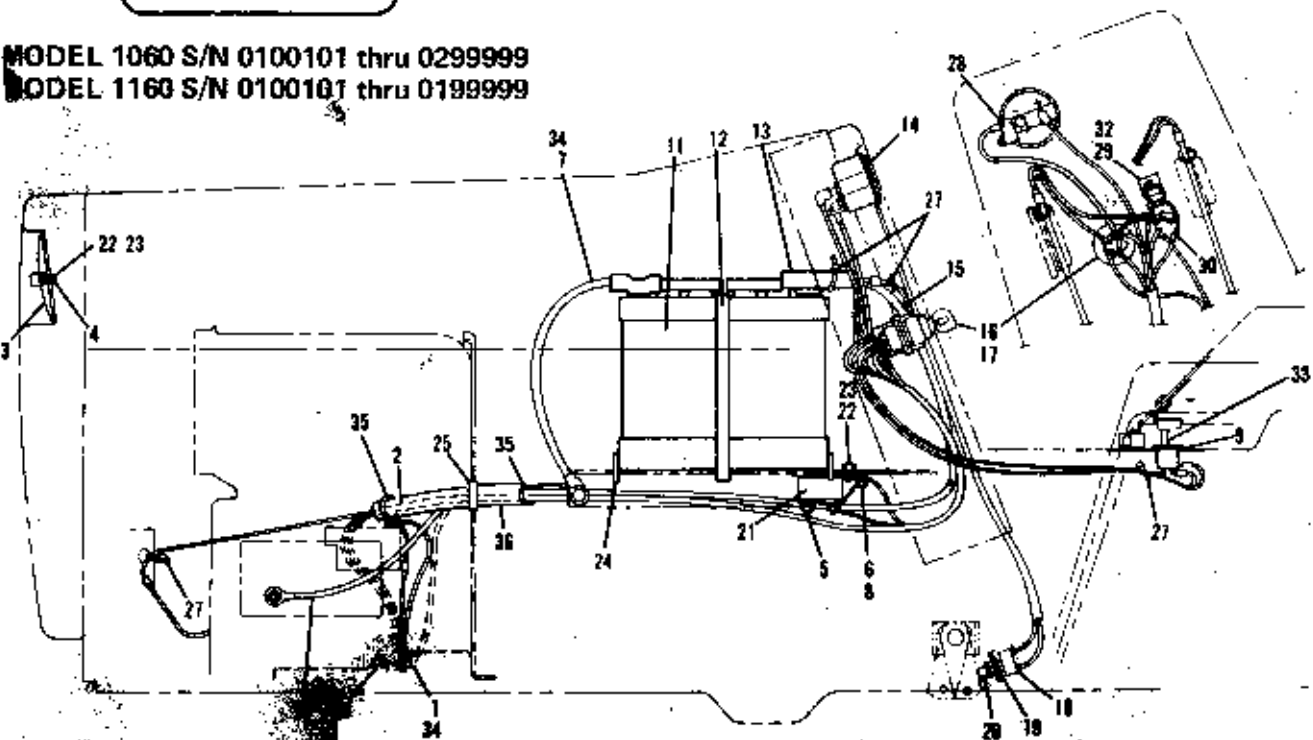
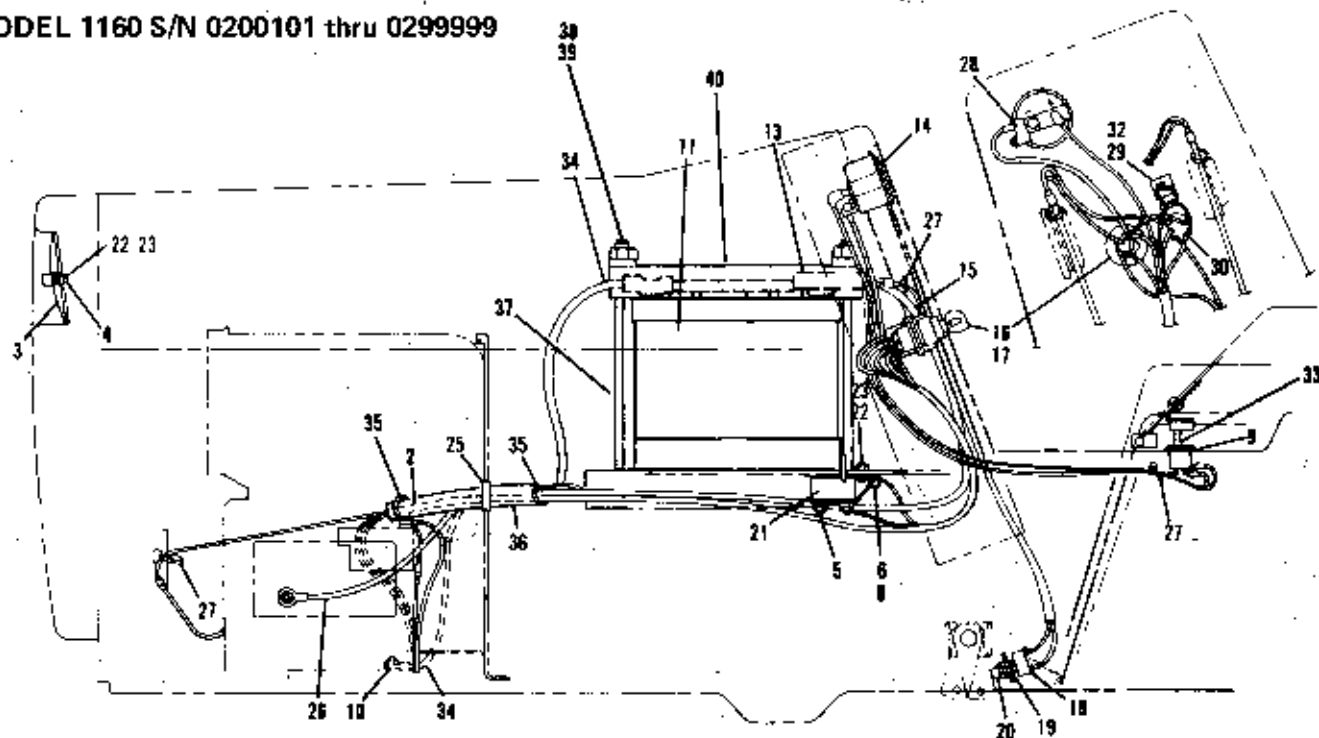


Figure 8. ELECTRICAL SYSTEM  
 18

## MODELS 1060 (G11XL) & 1160 (G11XL)

MODEL 1160 S/N 0200101 thru 0299999



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	1734969	Cable, Ground (1)	1	22	• 1115815	Screw, Phil. No. 10-24 x 5/8	6
2	1729715	Wiring Harness (1)	1	23	1185985	Nut, Keps Lock No. 10-24	6
	1737562	Wiring Harness (2)(3)	1	24	1185232	Pin, Roll 3/16 x 1-1/4 (1)(2)	2
3	1717262	Lens	2	25	1729587	Bushing, Snap	1
4	1725551	Plate, Switch	4	26	1728940	Cable, Starter	1
5	1715012	Elect. Terminal Nipple	1	27	1805345	Cable, Tie	7
6	1721252	Clip "J"	1	28	1725375	Circuit Breaker	1
7	1725373	Cable, Battery, Neg. (1)	1	29	1734824	Lamp, Clutch	1
8	1734615	Condensor	1	30	1734356	Switch PTO	1
9	1734368	Seat Switch	1	31	1735478	Diode Rectifier, 28" (1)	1
10	1177038	Lockwasher, 5/16 (1)	1		1737561	Diode Rectifier, 8" (2)(3)	1
	1177548	Lockwasher, 5/16 (2)(3)	1	32	1735285	Bulb (Mfg. No. GE 73)	1
11	1718027	Battery, 12 Volt (1160)	1	33	1734472	Seal	1
	1740009	Battery, 12 Volt (1160)	1	34	1736374	Battery Cable Neg to Ground (Replaces Ref. Nos. 1 and 7) (2)	1
12	1728136	Clamp, Snap Lock (1)(2)	1	35	1740584	Outlet Ring (1160)	2
13	1721413	Boot, Battery (1)(2)	1	36	1740593	Plastic Tubing (1160)	1
14	1714148	Ammeter 30-0-30	1	37	1740804	Hold Down Rod (3)	3
15	1725374	Cable, Battery, Pos.	1	38	• 1107381	Flat Washer 1/4 (3)	2
16	1734196	Switch, Ignition	1	39	1734388	Lock Nut 1/4-20 (3)	2
17	1718266	Key, Ignition	1	40	1739831	Battery Hold Down (3)	1
18	1733577	Switch Assembly, Interlock	1				
19	1890234	Washer	2				
20	1733576	Seal, Switch	1				
24	1729547	Solenoid	1				

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

### Model 1060

- (1) Serial Numbers 0100101 thru 0199999
- (2) Serial Numbers 0200101 thru 0299999

### Model 1160

- (2) Serial Numbers 0100101 thru 0199999
- (3) Serial Numbers 0200101 thru 0299999