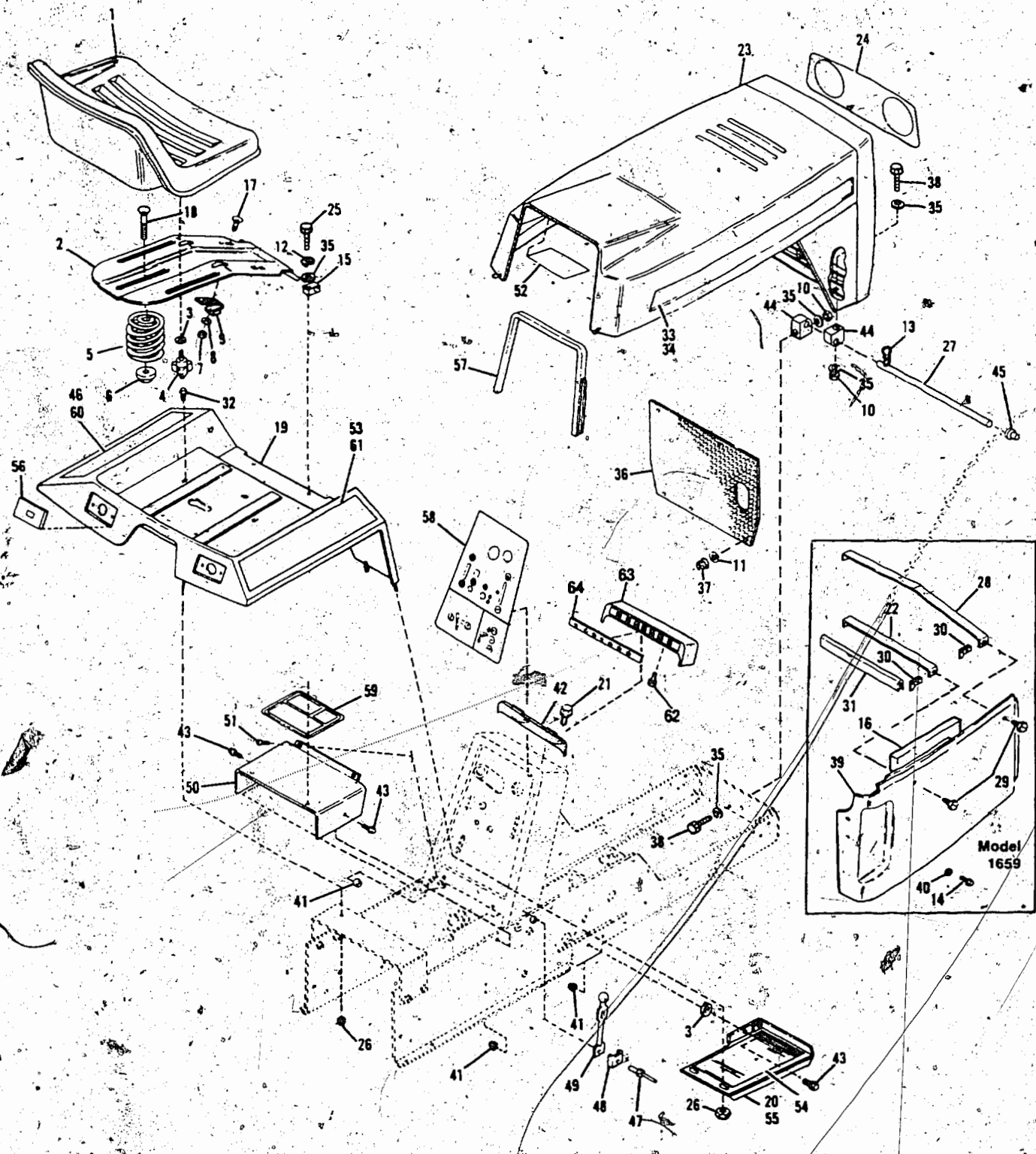


# BOLENS 16 HP TRACTOR

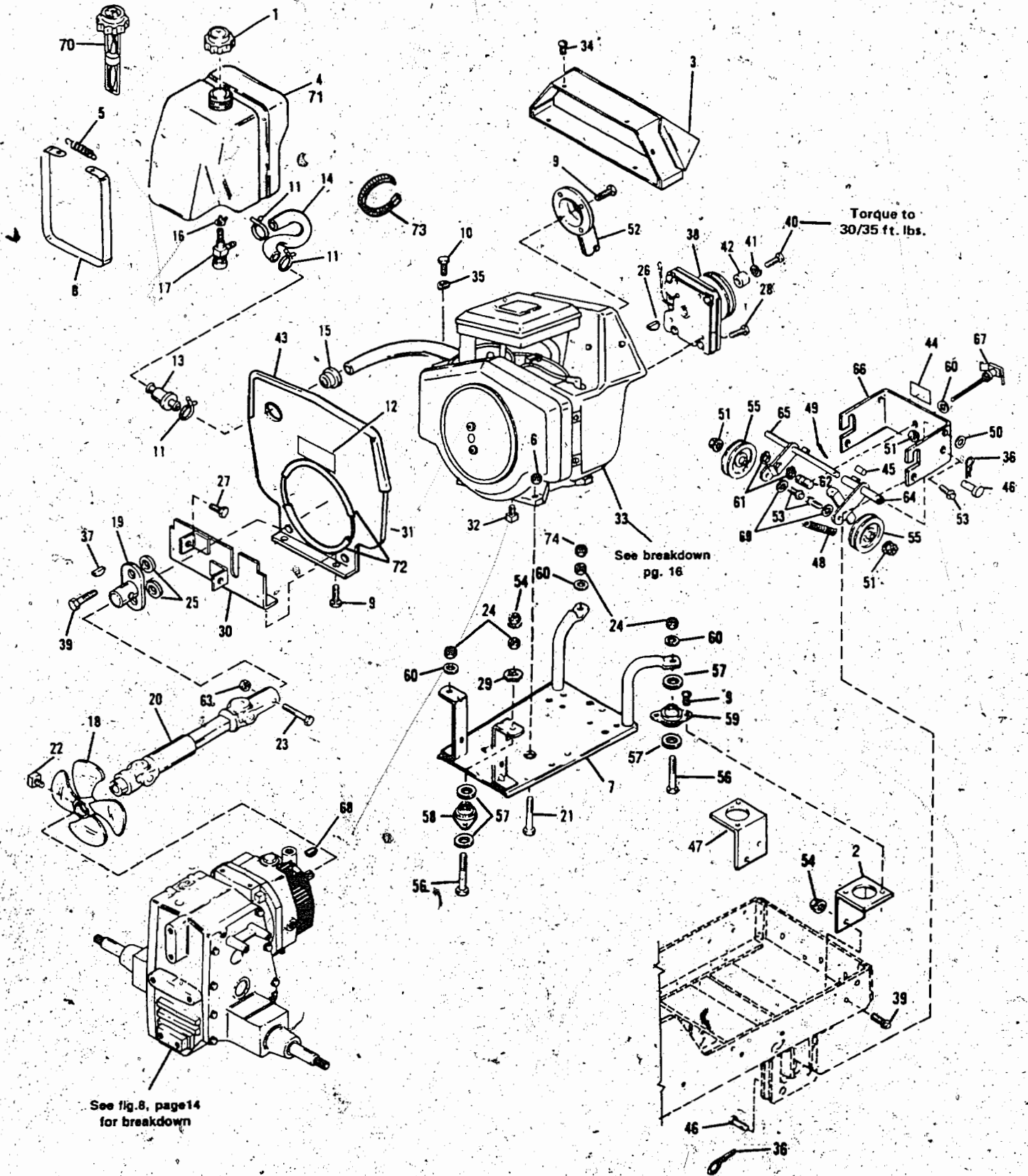


REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	1747835	Seat	1	38	1100799	Hex Hd. Screw 5/16-18 x 1-1/2	4
2	1734115	Seat Support	1	39	1742090	Side Panel R.H. (1659)	1
3	1100256	Flat Washer, 3/8	4		1742091	Side Panel R.H. (1668)	1
4	1734269	Adjusting Knob	2	40	1100254	Flat Washer 1/4 (1659)	6
5	1733960	Spring	1	41	1186393	Flange Locknut 3/8-16	6
6	1735125	Nut and Washer	1	42	1742092	Hood Stop	1
7	1186229	Nut 1/4-20	1	43	1186345	Flange Screw 3/8-16 x 3/4	6
8	1100241	Flat Washer 1/4	1	44	1736340	Pivot	4
9	1734515	Actuator Bracket	1	45	1728072	Push Nut	1
10	1110107	Locknut 5/16-18	4	46	1741662	Fender Decal L.H. (1659)	1
11	1185418	Flat Washer 7/32	4	47	1728772	Pop Rivet 3/16 x 1/2	2
12	1100242	Lockwasher, 5/16	2	48	1727126	Clip	2
13	1100362	Cotter Pin 3/32 x 1/2	1	49	1727127	Latch	2
14	1724492	Flange Screw Thd. Form 1/4-20 x 1/2 (1659)	6	50	1739212	Tunnel Assembly (1659)	1
15	1735265	Swivel Block	2		1744524	Tunnel Assembly (1668)	1
16	1726212	Acoustical Foam (1659)	2	51	1739688	Thrd Form Screw 5/16-18 x 5/8	2
17	1186067	Carriage Bolt 1/4-20 x 1/2	1	52	1740977	Instruction Decal (1659)	1
18	1186130	Carriage Bolt 3/8-16 x 1-1/4	1		1745681	Instruction Decal (1668) (1) (2)	1
19	1734691	Fender Assembly (1) (2)	1		1748716	Instruction Decal (1668) (3) (4)	1
	1748574	Fender Assembly (3) (4)	1	53	1741663	Fender Decal R.H. (1659)	1
20	1736566	Foot Rest R.H.	1	54	1736567	Root Rest Pad (1659)	2
21	1724492	Flange, Lock Screw 1/4-20 x 1/2 (1) (2)	2		1746139	Foot Rest Pad (1668)	2
22	1742094	Rear Support Panel	1	55	1736565	Foot Rest L.H.	1
23	1736201	Hood and Grille (1659)	1	56	1725615	Reflector	2
	1749566	Hood and Grille (1668)	1	57	1726932	Trim	1
24	1736202	Grille Decal (1659)	1	58	1736371	Instr. Panel Decal (1659)	1
	1746209	Grille Decal (1668) (1) (2)	1		1739096	Instr. Panel Decal (1668) (1) (2)	1
	1748707	Grille Decal (1668) (3) (4)	1		1749047	Instr. Panel Decal (1668) (3)	1
25	1186332	Flange Lock Screw 5/16-18 x 1-1/4	2		1751145	Instr. Panel Decal (1668) (4)	1
26	1186391	Flange Locknut 5/16-18	6	59	1736369	Instr. Decal (1) (2)	1
27	1736341	Pivot Rod	1		1750290	Instr. Decal (3) (4)	1
28	1742093	Panel Support Bracket (1659)	1	60	1746295	Fender Decal L.H. (1668) (1) (2)	1
29	1110685	Screw 1/4-20 x 5/8 (1659)	4		1748961	Fender Decal L.H. (1668) (3) (4)	1
30	1185456	Speed Nut (1659)	4	61	1746296	Fender Decal R.H. (1668) (1) (2)	1
31	1742304	Trim (1659)	1		1748962	Fender Decal R.H. (1668) (3) (4)	1
32	1186329	Flange Lock Screw 5/16-18 x 3/4	2	62	1748572	Self Thd. Screw 10-16 x 1/2 (3) (4)	2
33	1736196	L.H. Hood Decal (1659)	1	63	1748080	Light Cluster Housing (3)	1
	1746210	L.H. Hood Decal (1668) (1) (2)	1	64	1748081	Lenze (3) (4)	1
	1748709	L.H. Hood Decal (1668) (3) (4)	1	NI	1735223	Spray Paint (White)	
34	1736197	R.H. Hood Decal (1659)	1	NI	1736796	Spray Paint (Dark Green)	
	1746211	R.H. Hood Decal (1668) (1) (2)	1				
	1748708	R.H. Hood Decal (1668) (3) (4)	1				
35	1107382	Flat Washer 5/16	10				
36	1742100	Grille Screen	1				
37	1736399	Flange Locknut	4				

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

(1) Model 1659 Serial Numbers 0100101 thru 0199999  
 (1) Model 1668 Serial Numbers 0100101 thru 0199999  
 (2) Model 1668 Serial Numbers 0200101 thru 0299999  
 (3) Model 1668 Serial Numbers 0300101 thru 0399999  
 (4) Model 1668 Serial Numbers 0400101 thru 0599999

# BOLENS 16 HP TRACTOR

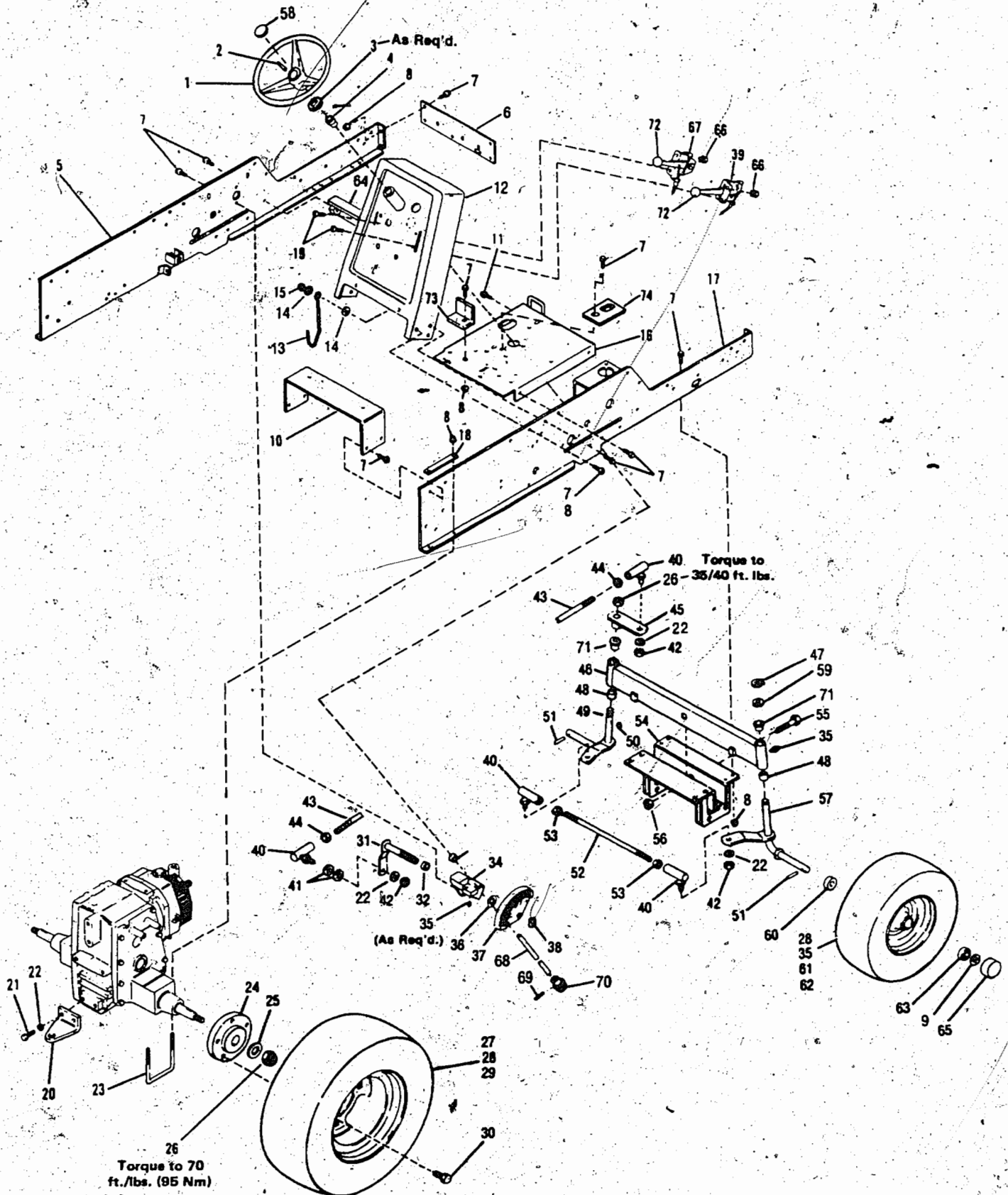


REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	1725868	Gas Cap (1) (2)	1	39	1186345	Screw, Whiz Lock 3/8-16 x 3/4	10
2	1741653	Engine Support (RH front LH rear)	2	40	1100009	Screw, Hex Hd., 3/8-24 x 1	1
3	1741664	Heat Shield Defl.	1	41	1100243	Washer, Lock 3/8	1
4	1735065	Tank, Fuel (Includes Ref. No. 1)	1	42	1734790	Clutch Retainer	1
5	1806648	Spring, Extension	1	43	1742109	Heat Shield Gasket (1659)	1
6	1186391	Flange Nut, 5/16-18	4		1740344	Heat Shield Gasket (1668)	1
7	1741667	Engine Support	1	44	1736368	Decal, Belt Adjustment	1
8	1727918	Strap	1	45	1734935	Indicator Cap	2
9	1185712	Screw, Hex Hd. Thd. Cutting No. 10-24 x 1/2	14	46	1708125	Pin, Clevis	4
10	1111599	Screw, Hex Hd. Cap 1/4-20 x 5/8	1	47	1733134	Support, Engine (L.H. Front-R.H. Front)	2
11	1718185	Clamp, Hose	3	48	1726661	Spring Extension	1
12	1736298	Hot Surface Decal (1) (2) (3)	1	49	1100350	Cotter Pin 1/8 x 1	2
13	1727491	Filter Fuel	1	50	1107386	Washer, Flat 5/8	2
14	1724708	Line, Fuel	1	51	1186393	Nut, Flange Lock 3/8-16	3
15	1729587	Bushing, Snap	1	52	1741964	Exhaust Assembly	1
16	1723474	Clamp, Hose	1	53	1186350	Screw, Flange Lock 3/8-16 x 1-3/4	3
17	1718029	Valve, Shut Off	1	54	1186393	Nut, Flange Lock 3/8-16	7
18	1736587	Fan (1659)	1	55	1726660	Pulley, Idler	2
	1746503	Fan (1668)	1	56	1100049	Screw, Hex. Hd. Cap 3/8-16 x 2-1/4	4
19	1741654	Engine Extension	1	57	1186047	Washer, Flat 3/8 ID x 1-3/8 OD	8
20	1741574	Drive Shaft Assembly (1659)	1	58	1725856	Mount, Rear (1659)	2
	1743862	Drive Shaft Assembly (1668)	1		1726510	Mount, Rear (1668)	2
21	1186332	Flange Lock Screw 5/16-18 x 1-1/4	4	59	1724896	Mount, Front	2
22	1737419	Sq. Hd. Set Screw	2	60	1107383	Washer, Flat 3/8	4
23	1100807	Hex Screw 1/4-20 x 2	1	61	1113527	Ring, Retaining 3/4	2
24	1733398	Nut, Hex. Lock, 3/8-16	4	62	1742723	Pivot	1
25	1107383	Washer, Flat, 3/8	2	63	1734398	Nut, Lock 1/4-20	1
26	1108842	Sq. Key 1/4 x 3/4	1	64	1738569	Idler Arm Assembly	1
27	1186327	Flange Screw 5/16-18 x 1/2	2	65	1742725	Idler Arm Assembly	1
28	1185798	Flange Screw 3/8-16 x 1/2	4	66	1736481	Support, Idler	1
29	1185715	Lock Washer (Pyramidal) 3/8	1	67	1740794	Knob, Adjusting (1659)	1
30	1742344	Shield, Grass	1		1735112	Knob, Adjusting (1668)	1
31	1741669	Shield, Heat	1	68	1185885	Woodruff Key 3/16 x 5/8 (1668)	1
32	1105620	Sq. Plug 1/4-28 NPT	1	69	1100256	Flat Washer 3/8	2
33		Engine, 16 HP, Briggs & Stratton 402437	1	70	1748758	Gas Cap (3) (4) (5)	1
34	1724492	Flange Screw, Thd. Form 1/4-20 x 1/2	6	71	1749484	Fuel Tank (includes Ref. 70) (3) (4) (5)	1
35	1100241	Lock Washer 1/4	1	72	1755364	Heat Shield Seal (5)	2
36	1723478	Hitch Pin	4	73	1735531	Cable Tie (5)	1
37	1100276	Key, Woodruff 1/4-7/8	1	74	1185506	Jam Nut 5/16-18 (5)	1
38	1741572	Clutch/Brake, Elect.	1				

• Common Hardware - Purchase Locally (Grade 5 where applicable)  
 • Purchase Parts From Your Local Briggs & Stratton Outlet.

Model 1659 (1) Serial No. 0100101 thru 0199999  
 Model 1668 (1) Serial No. 0100101 thru 0199999  
 (2) Serial No. 0200101 thru 0299999  
 (3) Serial No. 0300101 thru 0399999  
 (4) Serial No. 0400101 thru 0499999  
 (5) Serial No. 0500101 thru 0599999

# BOLENS 16 HP TRACTOR



MODELS 1659 & 1668

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	1736907	Wheel, Steering (1) (2) .....	1	40	1713361	Joint, Ball .....	4
	1747804	Wheel, Steering (3) (4) (5) .....	1	41	1738490	Spacer .....	2
2	1185279	Pin, Roll 1/4 x 2-1/4 .....	1	42 •	1110152	Nut, Hex Lock-1/2-20 .....	4
3	1708012	Washer, Flat .....	AR	43	1726496	Rod, Steering .....	1
4	1723994	Bearing, Steering .....	1	44 •	1186247	Hex Nut 1/2-20 .....	2
5	1739091	Frame Assembly, L.H. ....	1	45	1731689	Arm Assembly, Steering ...	1
6	1742085	Brace .....	1	46	1743946	Axle Assembly, Front .....	1
7 •	1186345	Screw, Hex Hd. Flange Lock 3/8-16 x 3/4 .....	28	47	1113527	Retaining Ring .....	1
8 •	1186393	Nut, Flange Lock-3/8-16 .....	22	48	1185319	Bearing, Bronze .....	2
9	0121898	Thrust Washer .....	4	49	1736206	Spindle Assembly L.H. Wheel .....	1
10	1734555	Support, Seat .....	1	50 •	1110547	Key, Woodruff-3/16x 1-1/8 .....	1
11 •	1186348	Screw, Hex Hd. Flange Lock 3/8-16 x 1-1/4 .....	1	51	1186460	Roll Pin 5/16 x 1-1/4 .....	2
12	1742099	Panel Ass'y., Instr (1) (2) ...	1	52	1726495	Rod, Tie .....	1
	1748704	Panel Ass'y., Instr (3) (4) (5) .....	1	53 •	1186247	Nut, Hex-1/2-20 .....	2
13	1731956	Hook, Cable .....	1	54	1738561	Support Assembly, Axle ...	1
14 •	1100256	Washer, Flat-3/8 .....	2	55 •	1732078	Screw, Hex Hd. Cap 5/8-11 (Special) .....	1
15 •	1110108	Nut, Lock-3/8-16 .....	1	56 •	1110112	Nut, Hex-5/8-11 .....	1
16	1741729	Support Assembly, Battery & Gas Tank (1659) .....	1	57	1739738	Spindle Assembly R.H. Wheel .....	1
	1745923	Support Assembly, Battery & Gas Tank (1668) (1) (2) .....	1	58	1737071	Steering Cap (1659) (1) .....	1
	1749657	Support Assembly, Battery & Gas Tank (1668) (3) (4) (5) .....	1		1746832	Steering Cap (1668) (1) (2) .....	1
17	1739088	Frame Assembly R.H. ....	1	59	1708550	Thrust Washer .....	1
18	1730692	Doubler, Rear .....	2	60	1185616	Bearing, Ball with Seal .....	2
19 •	1115815	Machine Screw No. 10-24 x 5/8 .....	4	61	1715789	Wheel Assembly .....	2
20	1724698	Draw Bar .....	2	62	1732957	Tire, 16 x 6.50-8 (1) (2) .....	2
21 •	1100055	Screw, Hex Hd-1/2-13 x 1- 1/4 .....	2		1732927	Tire, 16 x 6.50-8 (3) (4) (5) .....	2
22 •	1100245	Washer, Lock-1/2 .....	6	63	1185615	Bearing, Ball .....	2
23	1727898	"U" Bolt .....	2	64	1735572	Frame Support .....	1
24	1726679	Hub, Wheel .....	2	65	1715899	Cap, Dust-Genève Wheel (1-1/2 I.D. Metal) .....	2
25	1708599	Spacer .....	2		1744444	Cap, Dust-Dico Wheel (1- 5/8 I.D. Plastic) .....	2
26 •	1120390	Nut, Hex-3/4-10 .....	1	66	1185985	Keps Nut No. 10-24 .....	5
27	1724718	Wheel Assembly .....	2	67	1732620	Choke Control .....	1
28	1718086	Valve .....	4	68	1738414	Steering Shaft Ass'y .....	1
29	1732926	Tire, 23 x 10.50-12 (1659) .....	2	69	1738413	Roll pin .....	1
	1733081	Tire, 23 x 8.50-12 (1668) ...	2	70	1736159	Bevel Pinion Gear .....	1
30	0101085	Bolt, Hub .....	10	71	1185035	Flange Bearing .....	2
31	1731782	Arm Ass'y, Steering (1) (2) (3) .....	1	72	1724527	Knob .....	2
	1749895	Arm Ass'y, Steering (4) (5) .....	1	73	1742264	Tank Clamp (1659) .....	1
32	1733707	Spacer, Tubular .....	1		1746621	Tank Clamp (1668) (1) (2) (3) .....	1
33	1185846	Bushing, Flange .....	1	74	1746622	Cover (1668) .....	1
34	1740753	Bracket, Steering Support .....	1				
35	1185976	Fitting, Grease Thd. Forming .....	5				
36	1733442	Washer, Shim .....	AR				
37	1733441	Gear, Steering .....	1				
38	1185649	Ring, Retaining .....	1				
39	1736464	Throttle Control .....	1				

• Common Hardware Purchase Locally (Grade 5 where applicable)

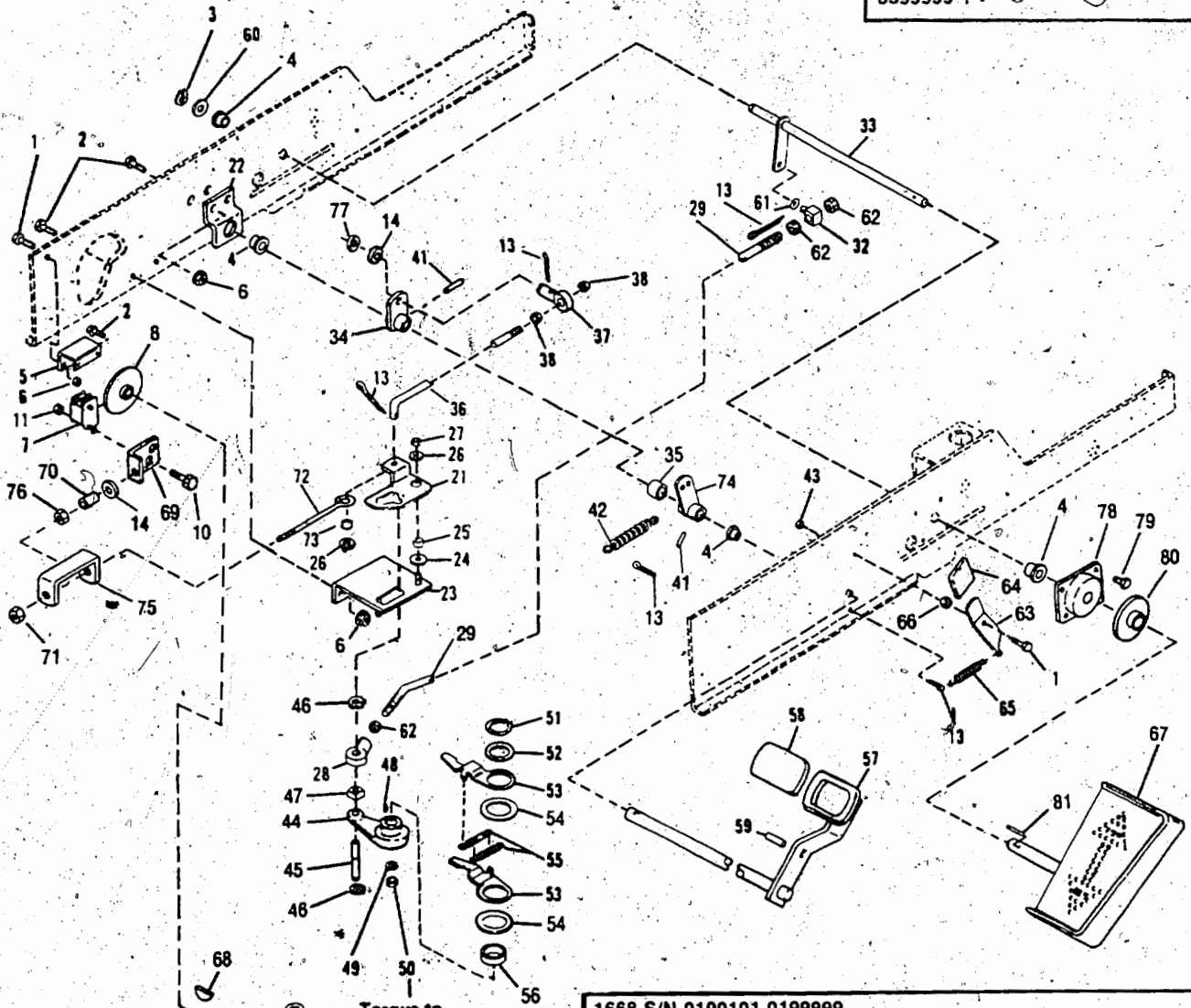
Model 1659 (1) Serial No. 0100101 thru 0199999  
 Model 1668 (1) Serial No. 0100101 thru 0199999  
 (2) Serial No. 0200101 thru 0299999  
 (3) Serial No. 0300101 thru 0399999  
 (4) Serial No. 0400101 thru 0499999  
 (5) Serial No. 0500101 thru 0599999

# BOLENS 16 HP TRACTOR

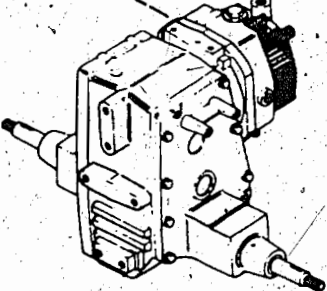
**Brake Arm Assembly**  
 Serial Number  
 0100101 thru  
 0299999

Serial Number  
 0100101 thru  
 0399999

Serial Number  
 0100101 thru  
 0399999



Torque to  
 24 ft. lb.  
 (32 Nm)



1668 S/N 0100101-0199999  
 1659 S/N 0100101-0199999

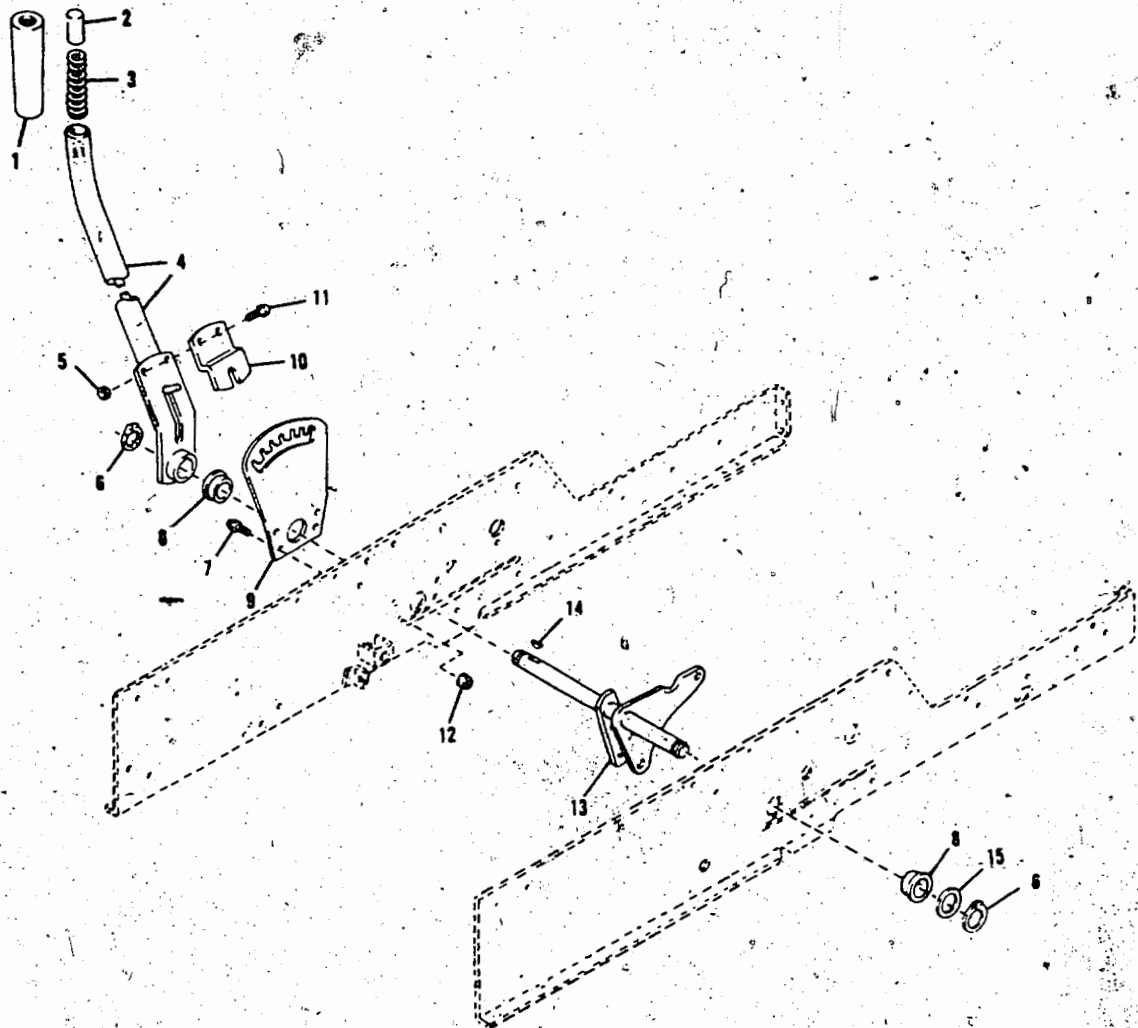
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1 •	1186347	Screw, Hex Hd. Flange Lock 3/8-16 x 1	3
2 •	1186345	Screw, Hex Hd. Flange Lock 3/8-16 x 3/4	6
3	1118808	Ring, Retainer	1
4	1185802	Bearing, Flanged	4
5	1729496	Bracket, Trans. Support (1) (2)	1
	1747060	Bracket, Trans. Support (3) (4)	1
6 •	1186393	Nut, Hex Flange Lock 3/8-16	6
7	1732361	Brake Ass'y, Mechanical	1
8	1729273	Disc Assembly, Brake	1
9	1732367	Extension, Brake Arm (1)	1
10 •	1100805	Screw, Hex Hd. Cap 1/4-20 x 3/4	2
11 •	1186389	Nut, Hex Flange Lock 1/4-20	2
	1725265	Block, Swivel (1)	1
13 •	1100346	Pin, Cotter 3/32 x 3/4	7
14 •	1107382	Washer, Flat 5/16	6
15	1716729	Spacer (1)	1
16	1729217	Rod, Brake	1
17	1177625	Pin, Roll 1/8 x 3/4 (1)	2
18	1732370	Bracket, Brake Rod (1)	1
19	1732393	Spring, Compression (1)	1
20	1725264	Block, Swivel (1)	1
21	1729213	Plate, Neutral	1
22	1737019	Bracket, Brake Shaft	1
23	1729445	Support Ass'y Neutral Plate	1
24	1703052	Washer, Flat	1
25	1732369	Spacer, Tubular	1
26 •	1107383	Washer, Flat 3/8	2
27 •	1110108	Nut, Hex Lock 3/8	2
28	1721612	Rod End	1
29	1735091	Rod, Speed Control (1) (2) (3)	1
	1749966	Rod, Speed Control (4)	1
30	1120210	Pin, Roll	3
31	1721492	Spring, Compression (1) (2) (3)	2
32	1734827	Swivel	1
33	1729151	Shaft Assembly, Speed Control (1659)	1
	1744856	Shaft Assembly, Speed Control (1668)	1
34	1737020	Arm Assembly (1)	1
	1747508	Arm Assembly (2) (3) (4)	1
35	1722957	Spacer	1
36	1737024	Rod, Brake Control (1)	1
	1747513	Rod, Brake Control (2) (3) (4)	1
37	1714663	Block, Pivot (1)	1
	1747507	Block, Pivot (2) (3) (4)	1

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
38 •	1186259	Nut, Hex 3/8-16	2
39	1724403	Spacer (1)	1
40	1746196	Arm Ass'y, Brake (1) (2)	1
41	1732147	Pin, Drive Lock	2
42	1720612	Spring, Extension	1
43 •	1733398	Locknut 3/8-16	1
44	1722151	Arm, Speed Control	1
45	1734563	Pin, Control	1
46	1118802	Ring, Retaining	2
47	1720699	Block, Cushion	1
48	1104435	Key, Woodruff	1
49 •	1107385	Washer, Flat 1/2	1
50 •	1186233	Nut, Hex 1/2-13	1
51	1185732	Ring, Retaining	1
52	1720529	Washer, Thrust	1
53	1720523	Arm, Neutralizer	2
54	1720361	Washer, Thrust	2
55	1720928	Spring, Extension	2
56	1720706	Bearing	1
57	1737022	Pedal Ass'y, Brake (1659)	1
	1746136	Pedal Ass'y, Brake (1668)	1
58	1725518	Pad, Pedal	1
59	1120209	Pin, Roll 3/16 x 3/4	1
60	1715301	Thrust Washer	AR
61	1705108	Washer	1
62	1186246	Nut, Hex 7/16-20	3
63	1726352	Lock, Brake	1
64	1728696	Grip	1
65	1726640	Spring, Extension	1
66 •	1186247	Hex Nut 1/2-20	1
67	1729147	Foot Pedal (1) (2) (3)	1
	1751058	Foot Pedal (4)	1
68	1751775	Woodruff Key, 1/4 x 3/4	1
69	1747496	Ext. Brake Arm (2) (3) (4)	1
70	1747494	Sleeve (2) (3) (4)	1
71 •	1110107	Lock Nut 5/16-18	1
72	1747495	Brake Rod (2) (3) (4)	1
73	1747497	Spacer (2) (3) (4)	1
74	1748584	Brake Arm Assembly (3) (4)	1
75	1748372	Brake Return (2) (3) (4)	1
76	1186230	Hex Nut 5/16-18 (2) (3) (4)	1
77	1705108	Flat Washer 5/16 (2) (3) (4)	1
78	1738462	Electric Clutch (4)	1
79	1738463	Thd. Cut Screw 12-24 x 1/2 (4)	4
80	1738447	Control Disc Ass'y (4)	1
81	1185232	Roll Pin (4)	1

• Common Hardware—Purchase Locally. (Grade 5 where applicable)

- (1) Model 1659 Serial Numbers 0100101 thru 0199999
- (1) Model 1668 Serial Numbers 0100101 thru 0199999
- (2) Model 1668 Serial Numbers 0200101 thru 0299999
- (3) Model 1668 Serial Numbers 0300101 thru 0399999
- (4) Model 1668 Serial Numbers 0400101 thru 0599999



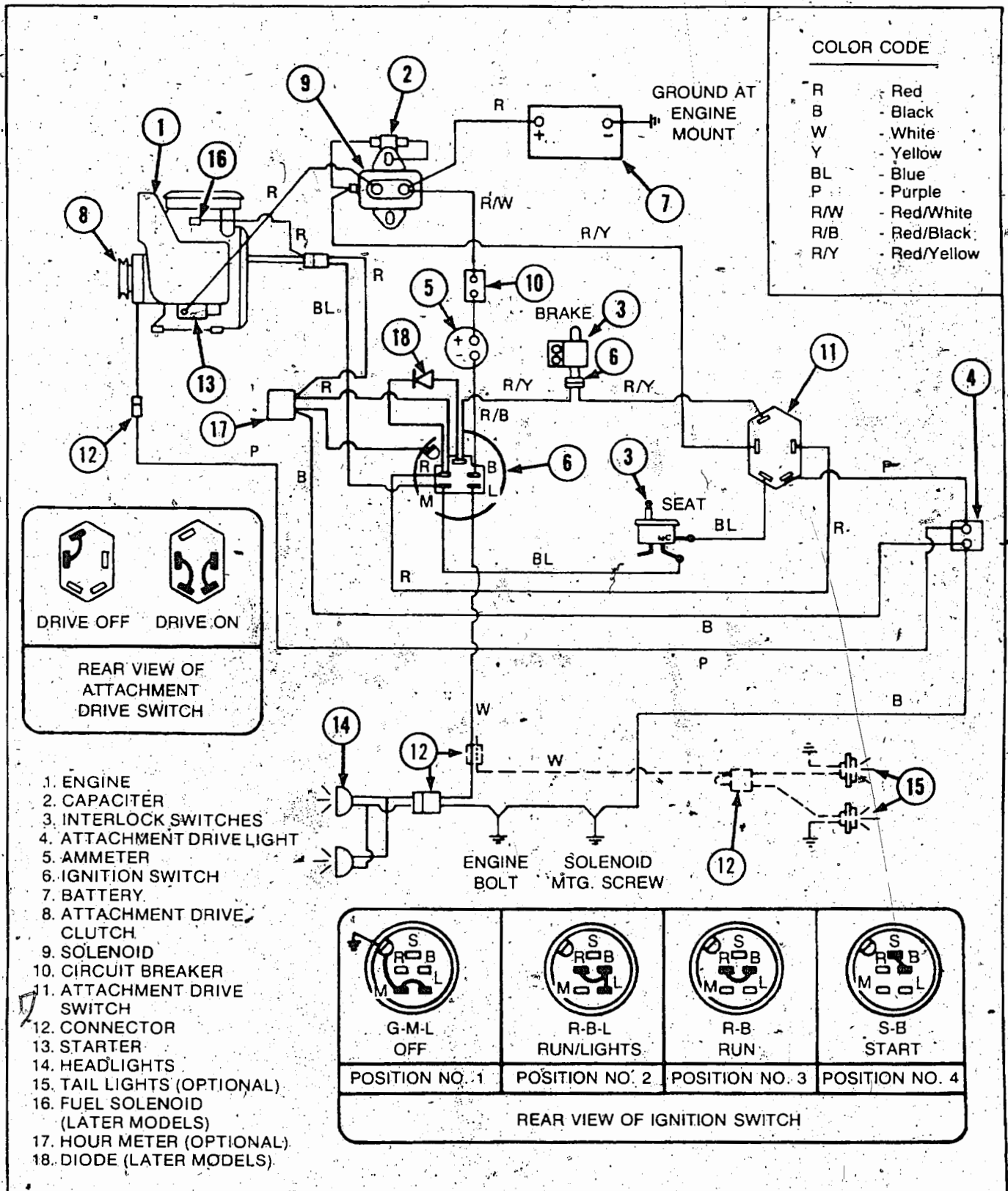


REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	1730754	Grip.....	1	9	1734262	Quadrant.....	1
2	1714644	Plunger.....	1	10	1726401	Bracket.....	1
3	1713075	Spring.....	1	11	• 1186329	Screw, Flange Lock, 5/16-18 x 3/4	2
4	1734768	Handle, Lift.....	1	12	• 1186393	Flange Locknut, 3/8-18.....	2
5	1186391	Whiz Locknut, 5/16-18.....	2	13	1734147	Shaft, Lift.....	1
6	1118554	Retaining Ring.....	2	14	1100279	Key, Woodruff, 1/4 x 1.....	1
7	• 1186345	Screw, Flange Lock, 3/8-16 x 3/4	2	15	1185816	Washer, Flat 1".....	AR
8	1185728	Flange Bearing.....	2				

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

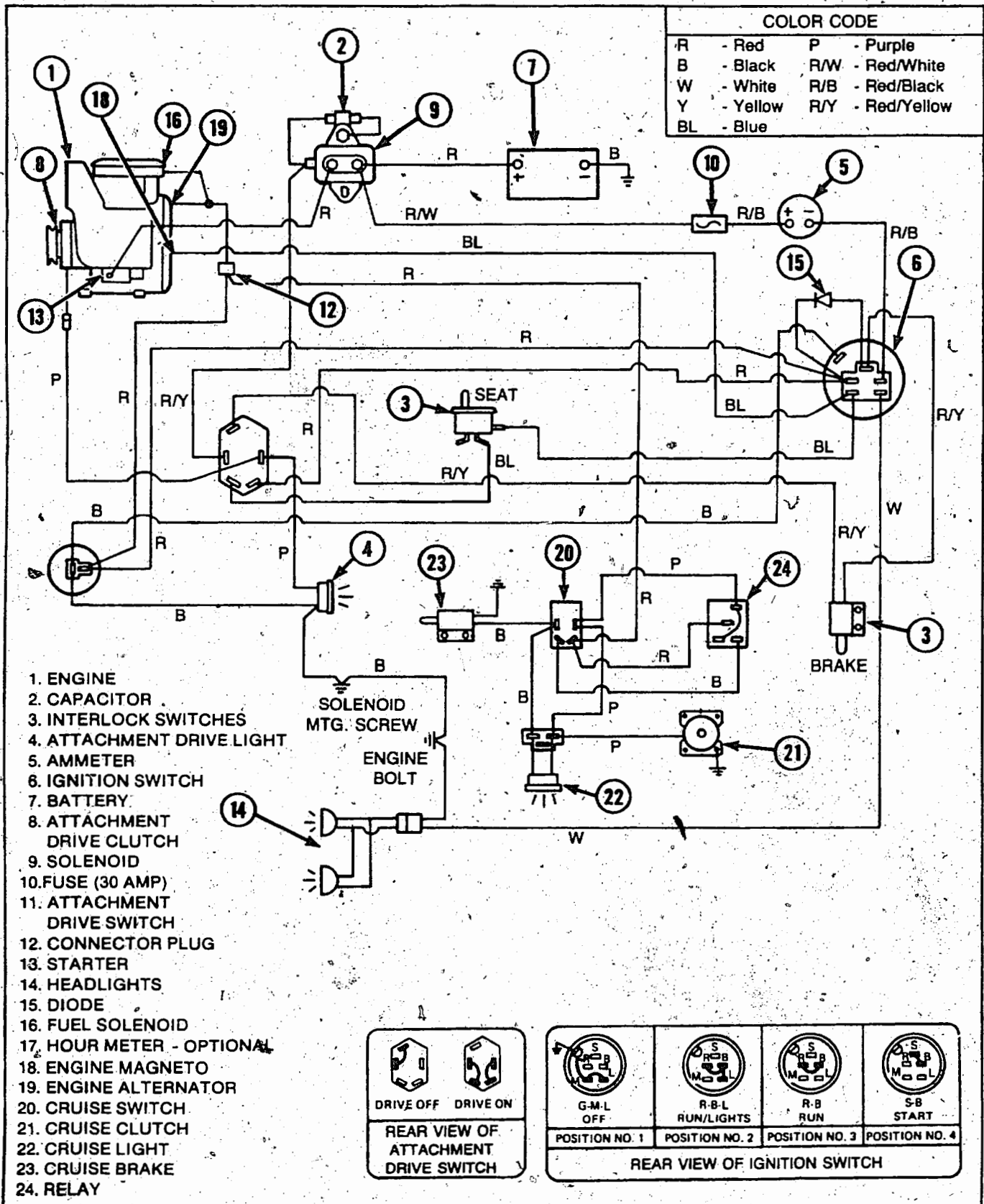
# WIRING DIAGRAM

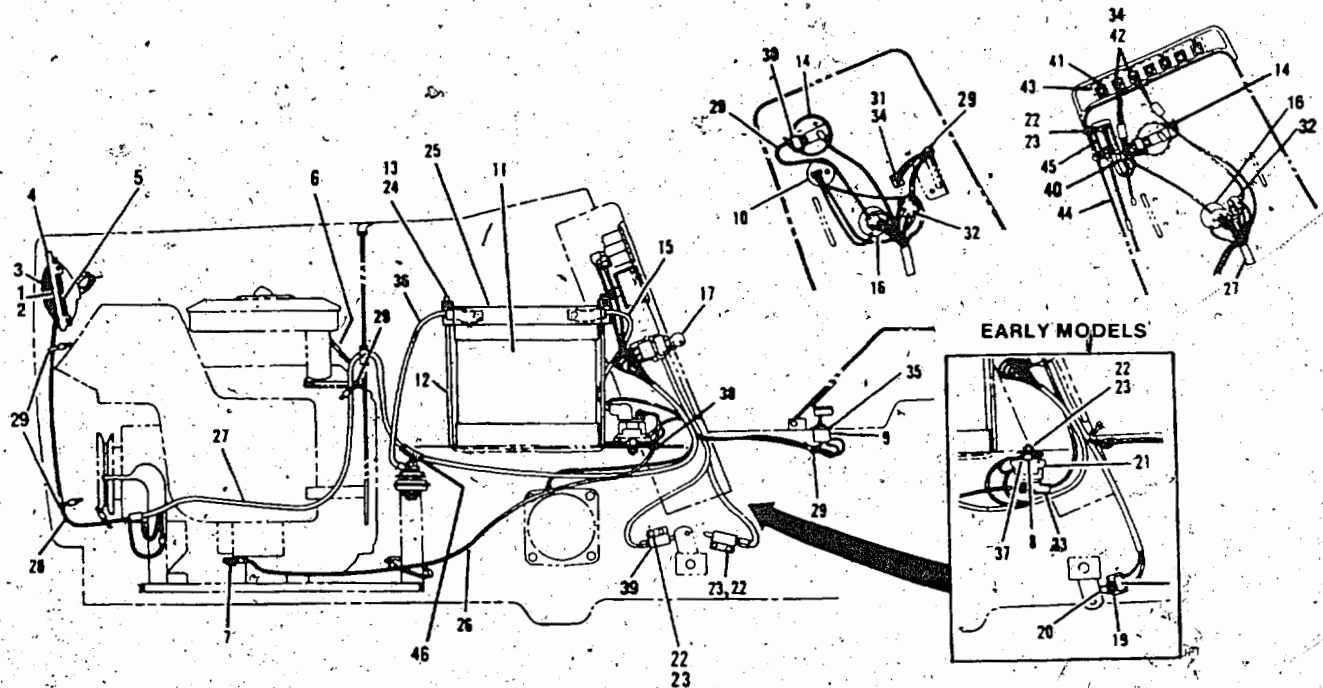
MODEL 1668 S/N 0100101 thru 0399999



# WIRING DIAGRAM

Model 1668 S/N 0400101 thru 0599999





REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	• 1103959	Washer, Flat No.10	4
2	1727379	Rivet, Pop 3/16 x 5/8	4
3	1726435	Headlight	2
4	1806805	Plate, Retainer	2
5	1806808	Retainer	2
6	1746844	Engine Harness (1) (2)	1
	1748581	Engine Harness (3)	1
7	• 1186389	Flange Nut 1/4-20	1
8	1721252	J-Clip (1) (2) (3) (4)	1
9	1734366	Switch	1
10	1742197	Hour Meter (1659)	1
11	1740009	Battery, 12 Volt (1)	1
	1747674	Battery, 12 Volt (2) (3)	1
	1751498	Battery, 12 Volt (4) (5)	1
12	1740804	Hold Down Rod	1
13	• 1107381	Flat Washer 1/4	2
14	1739205	Ammeter 20-0-20	1
15	1725374	Cable, Battery Pos (1) (2) (3)	1
	1746199	Cable, Battery Pos (4) (5)	1
16	1726169	Switch, Ignition (1) (2) (3)	1
	1754183	Switch, Ignition (4) (5)	1
17	1718266	Key, Ignition (1) (2) (3)	1
	1753986	Key, Ignition (4) (5)	1
18	1733577	Switch-Ass'y., Interlock (1) (2)	1
19	1890234	Washer (1) (2)	2
20	1733576	Seal, Switch (1) (2)	1
21	1740056	Solenoid	1
22	• 1115815	Screw, Phil. No. 10-24 x 5/8	4
23	• 1185985	Nut, Keps Lock No. 10-24	2
24	1734398	Lock Nut 1/2-20	2
25	1739631	Battery, Hold Down	1
26	1732581	Cable, Starter	1
27	1746843	Harness Main (1) (2)	1
	1748582	Harness Main (3)	1
	1750846	Harness Main (4) (5)	1

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
28	1727169	Harness Headlight	1
29	1805345	Cable, Tie	11
30	1729914	Circuit Breaker (1) (2) (3)	1
31	1734824	Lamp, Clutch (1) (2)	1
32	1734356	Switch PTO	1
33	1715012	Electrical Nipple	1
34	1735285	Bulb (Mgf. No. GE 73) (1) (2) (3)	3
	1751572	Bulb (Mgf. No. GE 73) (4) (5)	3
35	1734472	Switch Seal	1
36	1725373	Cable, Battery Neg. to Engine Mount	1
37	1742113	Condensor	1
38	1721487	Flip Grommet (1668) (1) (2)	1
	1749835	Flip Grommet (1668) (3) (4) (5)	1
39	1748723	Push Button Switch (3)	1
	1748723	Push Button Switch (4) (5)	2
40	1732374	Switch, Cruise (4) (5)	1
41	1186020	Thd. Cutting Screw 6-32 x 3/8 (3) (4) (5)	2
42	1748085	Lamp Assembly (3)	1
	1748085	Lamp Assembly (4) (5)	2
43	1749487	Sealing Strip (3) (4) (5)	1
44	1749492	Cruise Harness (4) (5)	1
45	1745666	Relay (4) (5)	1
46	1752408	Plastic (4) (5)	1

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

Model 1659 (1) Serial Numbers 0100101 thru 0199999

Model 1668 (1) Serial Numbers 0100101 thru 0199999

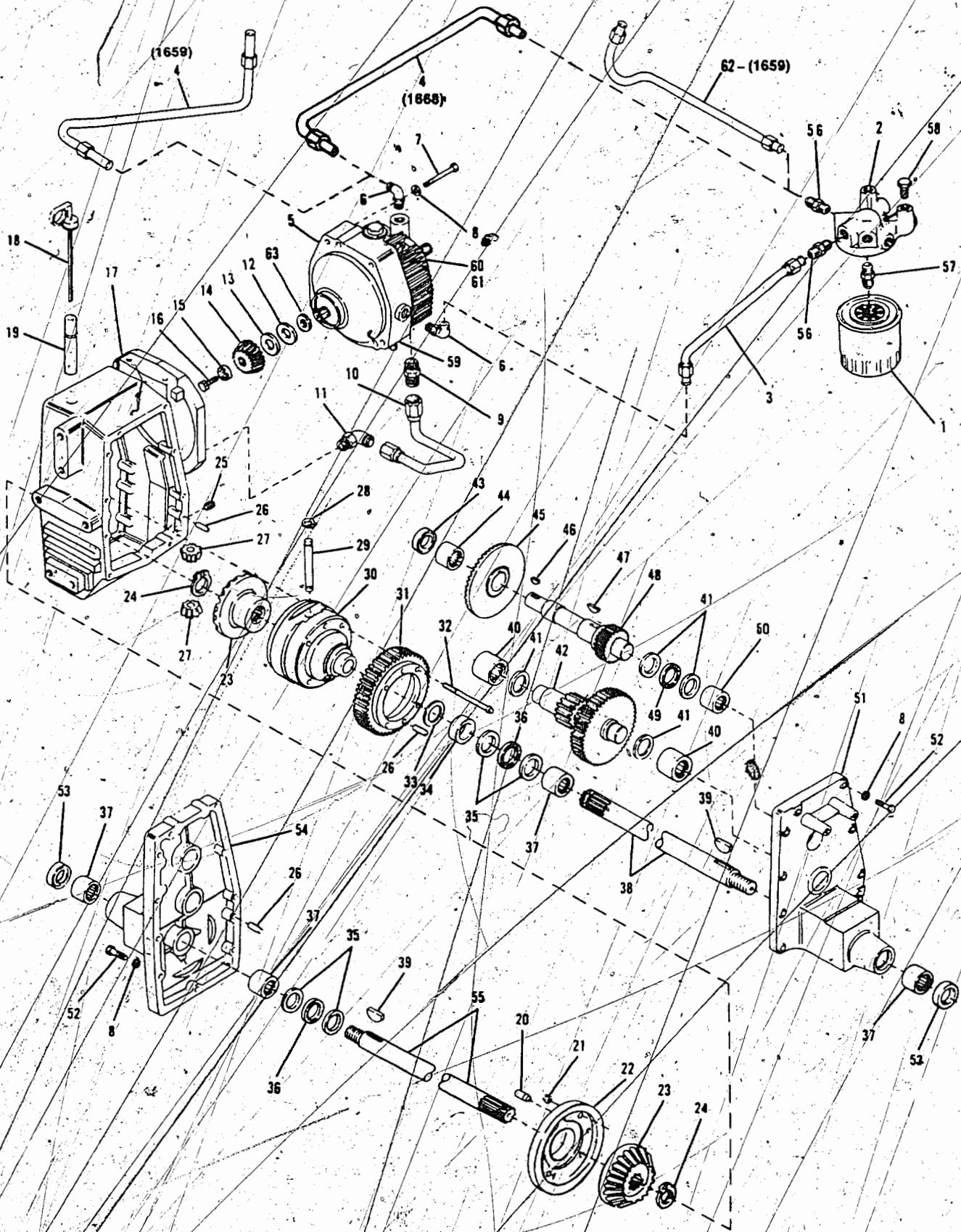
(2) Serial Numbers 0200101 thru 0299999

(3) Serial Numbers 0300101 thru 0399999

(4) Serial Numbers 0400101 thru 0499999

(5) Serial Numbers 0500101 thru 0599999

# BOLENS 16 HP TRACTOR



MODELS 1659 & 1668

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	1726450	Filter	1	32	1733684	Screw, Flange 5/16-18 x 4.00	4
2	1734345	Manifold, Filter	1	33	1800338	Shim	AR
3	1734354	Tube Assembly, Return	1	34	1729497	Spacer, Tubular	1
4	1729265	Tube Assembly, Pump to Valve (1659)	1	35	1185730	Race, Thrust	4
	1734144	Tube Assembly, Pump to Filter (1668)	1	36	1185729	Bearing, Thrust	2
5		Transmission, Hydrostatic (1659)	1	37	1727637	Bearing, Needle	4
	1743861	Transmission, Hydrostatic (1668)	1	38	1735134	Axle, R.H. (1)	1
6	1185737	Elbow 90°	2		1747062	Axle, R.H. (2)	1
7	1100770	Screw, hex Hd. Cap 3/8-16 x 2-3/4	4	39	1100281	Key, Woodruff	2
8	1100243	Washer, Lock 3/8	21	40	1186010	Bearing, Needle	2
9	1186464	Connector	1	41	1186002	Race, Thrust	4
10	1729264	Tube Assembly, Suction	1	42	1729258	Gear Assembly, Cluster	1
11	1724390	Elbow, 90°	1	43	1185882	Seal, Oil	1
12	1730374	Washer, Shim (.005)	AR	44	1187731	Bearing, Needle	1
13	1730375	Washer, Shim (.015)	AR	45	1724079	Gear	1
14	1729531	Gear, Bevel Pinion 18T	1	46	1100276	Key, Woodruff	1
15	1729559	Spacer	1	47	1100279	Key, Woodruff	1
16	1741832	Screw, Hex Hd. Cap 1/4-20 x 5/8	1	48	1729257	Shaft Assembly, Pinion	1
17	1732450	Housing, Transaxle (1)	1	49	1185764	Bearing, Thrust	1
	1747086	Housing, Transaxle (2) (3) (4)	1	50	1185774	Bearing, Needle	1
18	1724092	Dipstick	1	51	1729255	Cover, Transaxle R.H. (1)	1
19	1724090	Tube	1		1747074	Cover, Transaxle R.H. (2)	1
20	1733103	Pin, Dowel 5/16	2	52	1100047	Screw, Hex Hd. Cap 3/8-16 x 1-1/2	17
21	1186459	Nut, Hex Lock 5/16-18 Grade 8	4	53	1185295	Oil Seal	2
22	1728645	Cover, Differential	1	54	1729253	Cover, Transaxle L.H. (1)	1
23	1726646	Gear (3)	2		1747064	Cover, Transaxle L.H. (2)	1
	1752094	Gear (4)	2	55	1735133	Axle, L.H. (1)	1
24	1185689	Ring, Retaining	2		1747061	Axle, L.H. (2)	1
25	1185930	Plug, Pipe	1	56	1721989	Connector	2
26	1110189	Pin, Dowel 3/8	6	57	1721921	Coupling	1
27	1713466	Pinion, (3)	2	58	1186345	Flange Lock Screw 3/8-16 x 3/4	2
	1752095	Pinion, (4)	2	59	1724370	Control Shaft Seal	1
28	1118808	Ring, Retaining	2	60	1724376	Input Shaft Seal	1
29	1727641	Shaft, Pinion	1	61	1724377	Grass Shield	1
30	1729972	Carrier, Differential	1	62	1734549	Tube Assembly, Filter to Valve (1659)	1
31	1729260	Gear, Axle 47T	1	63	1705093	Shim (.028)	AR
				NI	1728407	Sealant	AR

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

\* Order replacement Hydro Transmission 1745147 and replace input shaft with splined input shaft 1744011.

Model 1668 (1) Serial No. 0100101 thru 0300341

(2) Serial No. 0300342 thru 0499999

(3) Serial No. 0100101 thru 0400679

(4) Serial No. 0400680 thru 0599999