FMC BOLENS

TRACTOR
8 HP

MODEL 855 (G-9)

Serial Number 0100101
thru 0299999

PARTS LIST

FORM P-552997-1 (3/77)
SUPERSEDES P-552997

BOLENS 8 HP TRACTOR

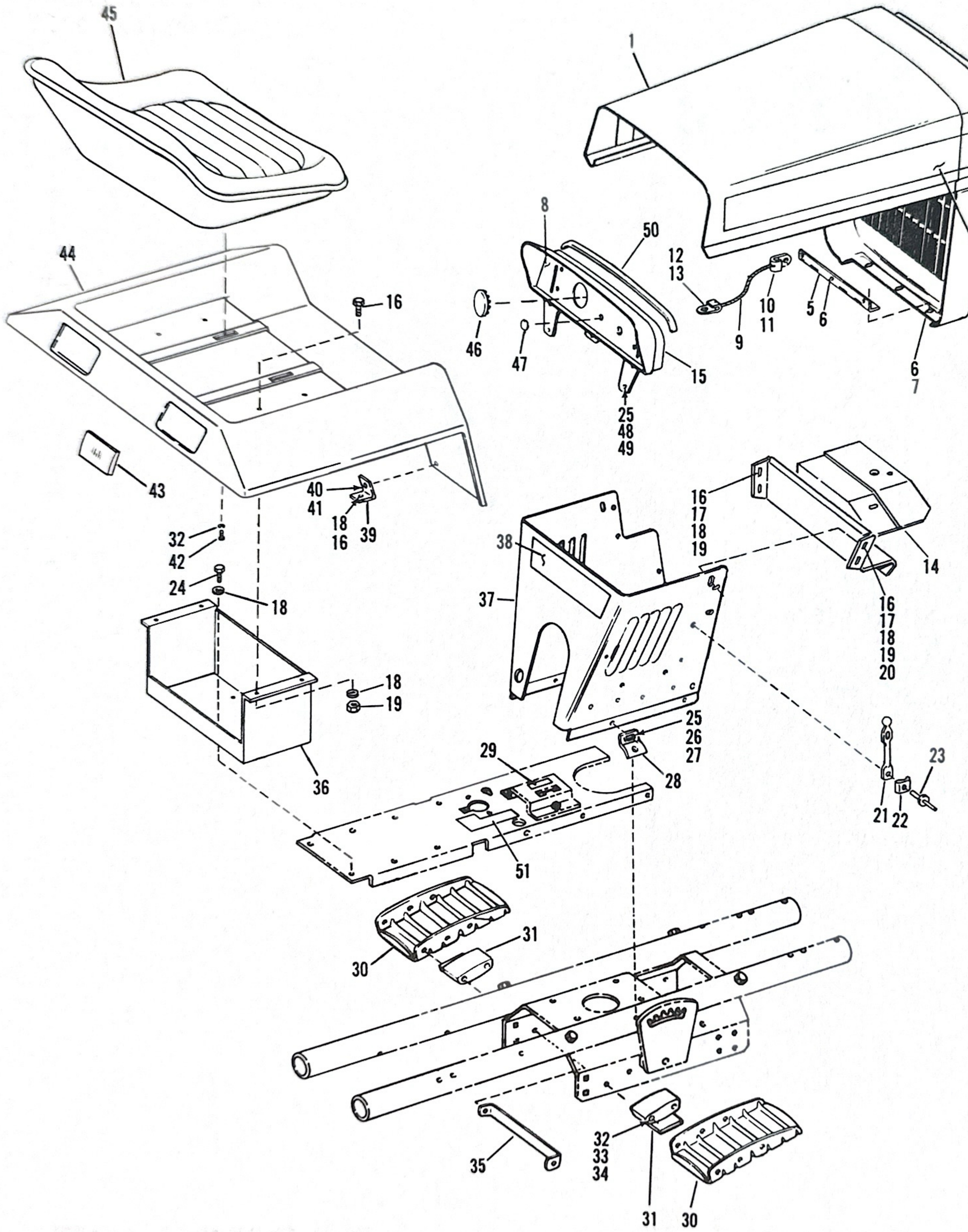


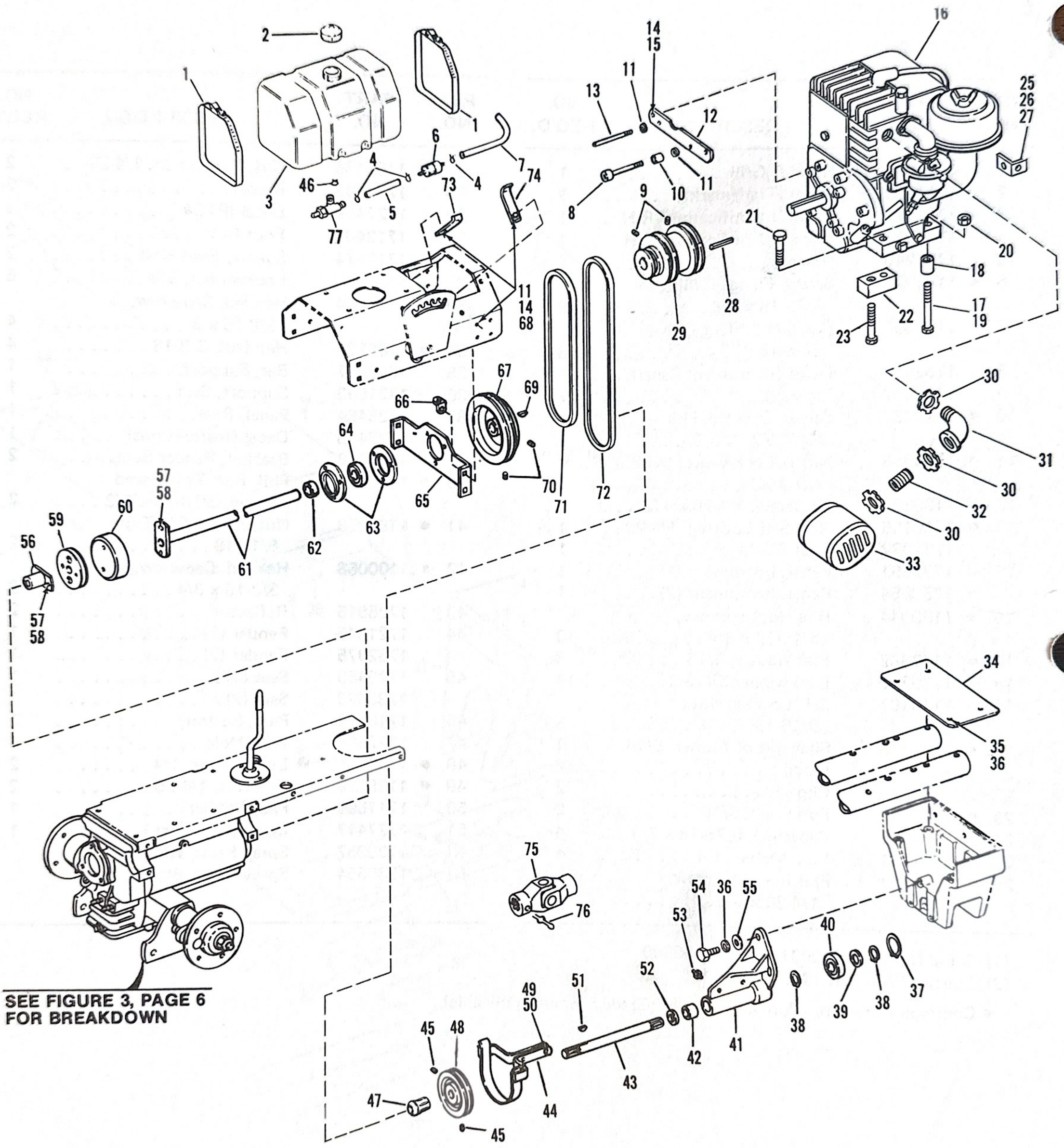
Figure 1. TRIM ASSEMBLY

REF. NO.		PART NO.	DESCRIPTION	NO. REQ'D.
1		1732465	Hood & Grill	1
2		1727450	Decal (Trademark)	1
3		1731978	Decal (Identification) R.H.	1
4		1731979	Decal (Identification) L.H.	1
5		1717246	Hinge	1
6	•	1186327	Screw, Flange (Whiz), 5/16-18 x 3/4	6
7		1186391	Lock Nut, Flange, 5/16-18	3
8		1732466	Decal (Instrument Panel)	1
9		1725637	Lanyard	1
10	•	1116287	Screw, Oval Hd. Phil. No. 10-24 x 5/8	1
11	•	1185985	Nut w/Lockwasher (KEPS) No. 10-24	1
12	•	1100804	Capscrew, 1/4-20 x 1/2	1
13	•	1110106	Nut, Self Locking, 1/4-20	1
14		1732077	Heat Shield	1
15		1723391	Panel, Instrument (1)	1
		1733054	Panel, Instrument (2)	1
16	•	1100044	Hex Hd. Capscrew, 5/16-18 x 3/4	10
17	•	1107382	Flat Washer, 5/16	8
18	•	1100242	Lockwasher, 5/16	14
19	•	1110107	Self Locking Nut, 5/16-18	8
20	•	1177548	Shakeproof Washer, 5/16	1
21		1727127	Latch	2
22		1727126	Clip	2
23	•	1185879	Pop Rivet, 3/16	2
24	•	1106878	Capscrew, 5/16-18 x 7/8	4
25	•	1107381	Flat Washer, 1/4	4
26	•	1115931	Phil Rec Hd. Screw, 1/4-20 x 5/8	2
27	•	1185456	Nut, Tinnerman, 1/4-20	2
28		1714642	Brace	2
29		1727469	Decal (PTO)	1
30		1713483	Foot Rest	2
31		1713474	Spacer, Foot Rest	2
32	•	1100243	Lockwasher, 3/8	6
33	•	1111614	Hex Hd. Capscrew, 3/8-16 x 3	4
34	•	1186231	Hex Nut, 3/8-16	4
35		1713397	Bar, Support	1
36		1721893	Support, Seat	1
37		1725464	Panel, Rear	1
38		1727413	Decal (Instructions)	1
39		1722016	Bracket, Fender Support	2
40	•	1185927	Phil. Rec. Truss Head Screw, 3/16-18 x 1/2	2
41	•	1185873	Nut, Speed "U" Type 5/16-18	2
42	•	1100068	Hex Hd. Capscrew, 3/8-16 x 3/4	2
43		1725615	Reflector	2
44		1721846	Fender (1)	1
		1732975	Fender (2)	1
45		1725465	Seat (1)	1
		1733029	Seat (2)	1
46		1718180	Plug, Button	1
47		1722505	Plug, Hole	1
48	•	1100241	Lockwasher, 1/4	2
49	•	1186229	Hex Nut, 1/4-20	2
50		1717599	Pad, Rubber	1
51		1727417	Decal (Shift Inst.)	1
NI		1730357	Spray Paint, White	
NI		1730354	Spray Paint, Black	

(1) Serial Numbers 01000101 thru 0199999
(2) Starting With Serial No. 0200101

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

BOLENS 8 HP TRACTOR



SEE FIGURE 3, PAGE 6
FOR BREAKDOWN

Figure 2. ENGINE and DRIVE ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	1723413	Strap, Gas Tank	2
2	1723473	Cap, Gas Tank	1
3	1721579	Tank, Gasoline	1
4	1718185	Clamp, Hose	4
5	1723519	Fuel Line	1
6	1731399	Filter, Fuel Line	1
7	1724708	Fuel Line	1
8	1717340	Belt Guide Assembly	1
9	• 1103470	Setscrew, 5/16-18 x 1/2	2
10	1713790	Spacer	1
11	• 1186230	Hex Nut, 5/16-18	8
12	1725616	Belt Guide Bracket	1
13	1717339	Belt Guide Rod	1
14	• 1100242	Lockwasher, 5/16	7
15	• 1100004	Hex Hd. Capscrew, 5/16-24 x 3/4	2
16	*	Briggs & Stratton 190417	1
17	• 1185886	Hex Hd. Screw, 5/16-18 x 4-1/2	2
18	1732065	Spacer	2
19	• 1107382	Washer, Flat 5/16	2
20	• 1186391	Nut, Flange Lock, 5/16-18	2
21	• 1100779	Screw, Hex Hd. Cap, 5/16-18 x 1-3/4	2
22	1732066	Engine Mount	2
23	• 1185775	Screw, Counter Bore 3/8-16 x 2-3/4	2
24	• 1103995	Washer, Toothed Lock 3/8	2
25	1732050	Bracket, Throttle Wire	1
26	• 1116287	Screw, Oval Hd. Phil. #10-24 x 5/8	1
27	• 1185985	Nut w/Lockwasher (KEPS) #10-24	1
28	1187474	Square Key, 1/4 x 2-1/4	1
29	1731271	Sheave, Engine (1)	1
	1733090	Sheave, Engine (2)	1
30	1732082	Lock Nut, 3/4 NPT	3
31	1732079	Elbow, Street, 45°	1
32	1105707	Nipple 3/4	1
33	1732286	Muffler	1
34	1713394	Plate, Cover	1
35	• 1111614	Hex Hd. Capscrew, 3/8-16 x 3	4
36	• 1100243	Lockwasher, 3/8	7
37	1118730	Ring, Retaining	1
38	1185649	Ring, Retaining	2
39	1721590	Washer — Seal	1
40	1185605	Bearing, Ball	1
41	1715785	Support, PTO	1
42	1185010	Bearing, Needle	1
43	1721589	Shaft, PTO	1
44	1717334	Belt Guide, PTO	1
45	• 1185550	Setscrew, 3/8-16 x 5/16	2
46	1723474	Clamp, Hose	1
47	1714132	Crutch Tip	2
48	1717348	Pulley	1
49	• 1100808	Hex Hd. Capscrew, 5/16-18 x 1-1/8	2
50	• 1186230	Hex Nut, 5/16-18	2
51	1104436	Woodruff Key, 3/16 x 3/4	1
52	1185224	Seal, Oil	1
53	1104954	Grease Fitting	1
54	• 1100043	Hex Hd. Capscrew, 3/8-16 x 1-1/4	3
55	• 1107383	Flat Washer, 3/8	3
56	1713670	Shaft Coupling	1
57	• 1110107	Lock Nut, 5/16-18	4
58	• 1110818	Knurled Socket Head Capscrew, 5/16-18 x 3/4	4
59	1716561	Bonded Coupling	1
60	1713794	Brake Drum	1
61	1717343	Drive Shaft	1
62	1800417	Lock Collar	1
63	1800418	Bearing Flange	2
64	1800757	Bearing Only	1
65	1713395	Bearing Support	1
66	1713686	Bracket	1
67	1731340	Sheave, A-belt	1
68	• 1186098	Carriage Bolt, 5/16-18 x 3/4	6
69	1100277	Woodruff Key, 3/16 x 7/8	1
70	• 1182554	Setscrew, 5/16-18 x 5/16	2
71	1733439	Belt Drive 35"	1
72	1725603	Belt, PTO 43"	1
73	1713789	Belt Guide	1
74	1713788	Belt Guide	1
75	1715008	Universal Joint	1
76	1716369	Cotter Pin, Special	1
77	1731901	Valve, Shutoff	1

(1) Serial Numbers 01000101 thru 0199999

(2) Starting With Serial No. 0200101

*Order Parts from your Briggs & Stratton Outlet.

•Common Hardware — purchase locally (Grade 5 where applicable)

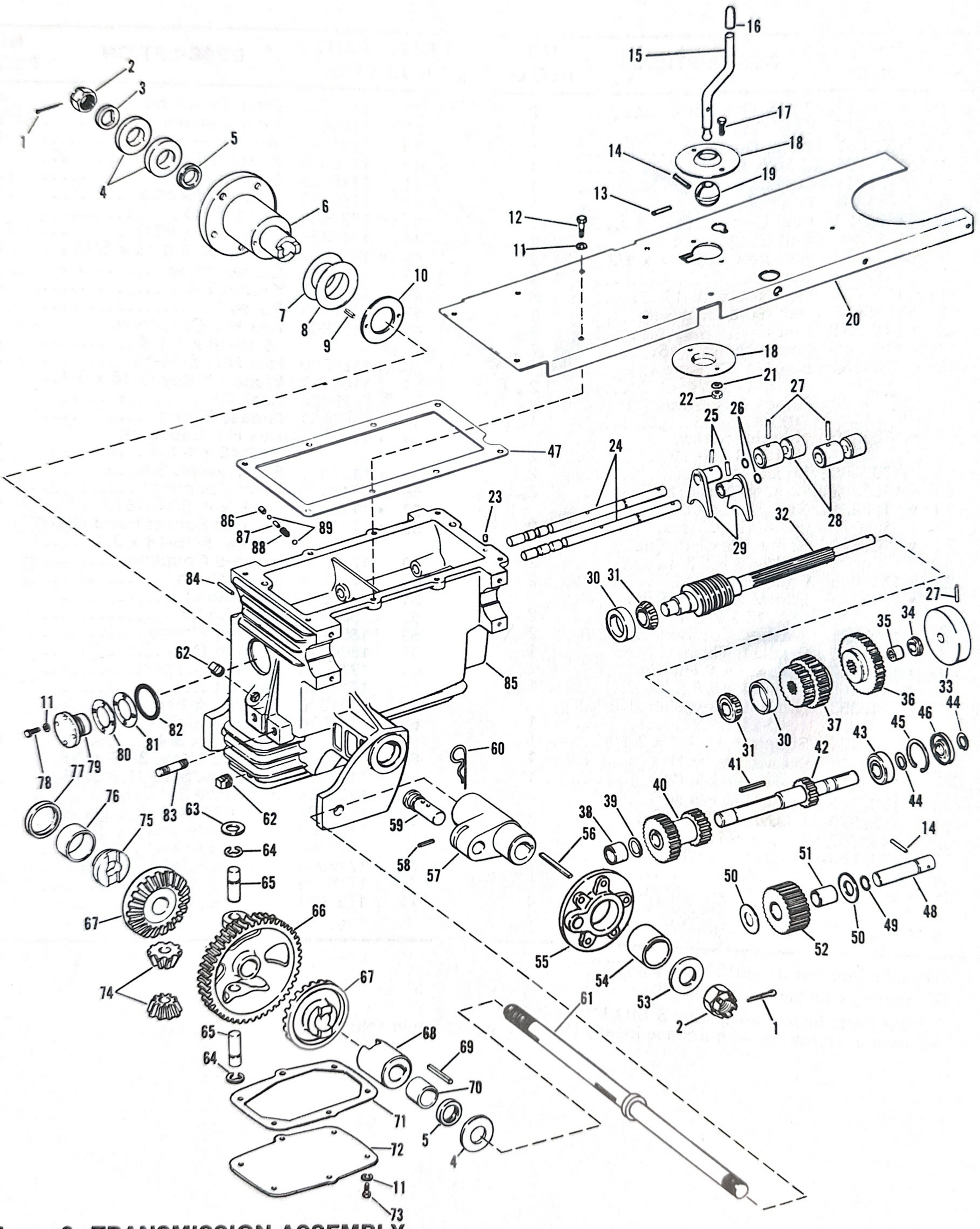


Figure 3. TRANSMISSION ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	• 1100352	Cotter Pin, 1/8 x 1-1/2	2
2	• 1120129	Hex Nut, 1-14	2
3	1709578	Washer "D" Hole	1
4	1711786	Thrust Bearing	3
5	1185295	Oil Seal	2
6	1722132	Wheel Hub	1
7	1714558	Shim — .020	As Req.
8	1714559	Shim — .005	As Req.
9	1713457	Drive Pin	2
10	1714557	Thrust Bearing	1
11	• 1100242	Lockwasher, 5/16	18
12	• 1106876	Capscrew, 5/16-18 x 7/8	8
13	1110181	Dowel Pin	1
14	1185232	Drive Pin, 3/16 x 1-1/4	2
15	1723558	Shifter Lever	1
16	1723559	Handle Grip	1
17	• 1106832	Capscrew, 1/4-20 x 5/8	2
18	1713455	Bearing Retainer	2
19	1722004	Pivot Ball	1
20	1723436	Cover Plate	1
21	• 1100241	Lockwasher, 1/4	2
22	• 1103838	Hex Nut, 1/4-20	2
23	182682	Breather	1
24	1713424	Shifter Shaft	2
25	1177625	Drive Pin, 1/8 x 3/4	2
26	1177388	O-Ring	2
27	1704692	Roll Pin, 1/8 x 1	3
28	1713422	Connector	2
29	1716489	Shifter Arm	2
30	1185276	Bearing Cup	2
31	1185275	Bearing Cone	2
32	1713408	Worm Shaft	1
33	1713597	Brake Drum	1
34	1891820	Oil Seal	1
35	1185165	Needle Bearing	1
36	1713409	Gear — 38 T	1
37	1713439	Sliding Gear	1
38	1185280	Needle Bearing	1
39	1113527	Retaining Ring	1
40	1713436	Gear and Shaft	1
41	1108841	Sq. Key, 3/16 x 1-1/2	1
42	1713442	Shaft	1
43	1104440	Ball Bearing	1
44	1118809	Retaining Ring	2
45	1187439	Retaining Ring	1
46	1185352	Oil Seal	1
47	1713429	Gasket	1
48	1713419	Shaft	1
49	1185360	O-Ring	1
50	1707546	Flat Washer	2
51	1185113	Bronze Bearing	1
52	1713412	Gear — 38 T	1
53	1716741	Flat Washer	1
54	1185646	Bearing	2
55	1716694	Free Wheeling Hub	1
56	1703053	Sq. Key, 1/4 x 2-3/4	1
57	1715725	Drive Collar	1
58	• 1185409	Drive Pin, 1/4 x 5/8	1
59	1713426	Lock Pin	1
60	1185590	Hitch Pin	1
61	1722140	Rear Axle	1
62	1105678	Pipe Plug	2
63	1712763	Washer	As Req.
64	1177567	Retaining Ring	2
65	1713467	Pinion Shaft	2
66	1713411	Worm Wheel	1
67	1714917	Bevel Gear — 22 T	2
68	1714566	Drive Hub	1
69	1104337	Sq. Key, 1/4 x 1-1/2	1
70	1185300	Bronze Bearing	1
71	1713427	Gasket	1
72	1713428	Cover	1
73	• 1106872	Capscrew, 5/16-18 x 5/8	6
74	1713466	Bevel Pinion — 10 T	2
75	1714565	Coupling	1
76	1714571	Bronze Bearing	1
77	1185426	Oil Seal	1
78	• 1106878	Capscrew, 5/16-18 x 1	4
79	1714290	Bearing Retainer	1
80	1714291	Shim — .010	As Req.
81	1714292	Shim — .003	As Req.
82	1185572	O-Ring	1
83	1718067	Stud	2
84	• 1120209	Drive Pin, 3/16 x 3/4	1
85	1713465	Gear Case	1
86	• 1185342	Set Screw, 5/16-18 x 3/8	1
87	1713421	Pin	1
88	1713417	Spring	1
89	1713416	Ball, 1/4 dia.	2
NI	1723456	Gear Lube, E.P. 90	

•Common Hardware — purchase locally (Grade 5 where applicable)

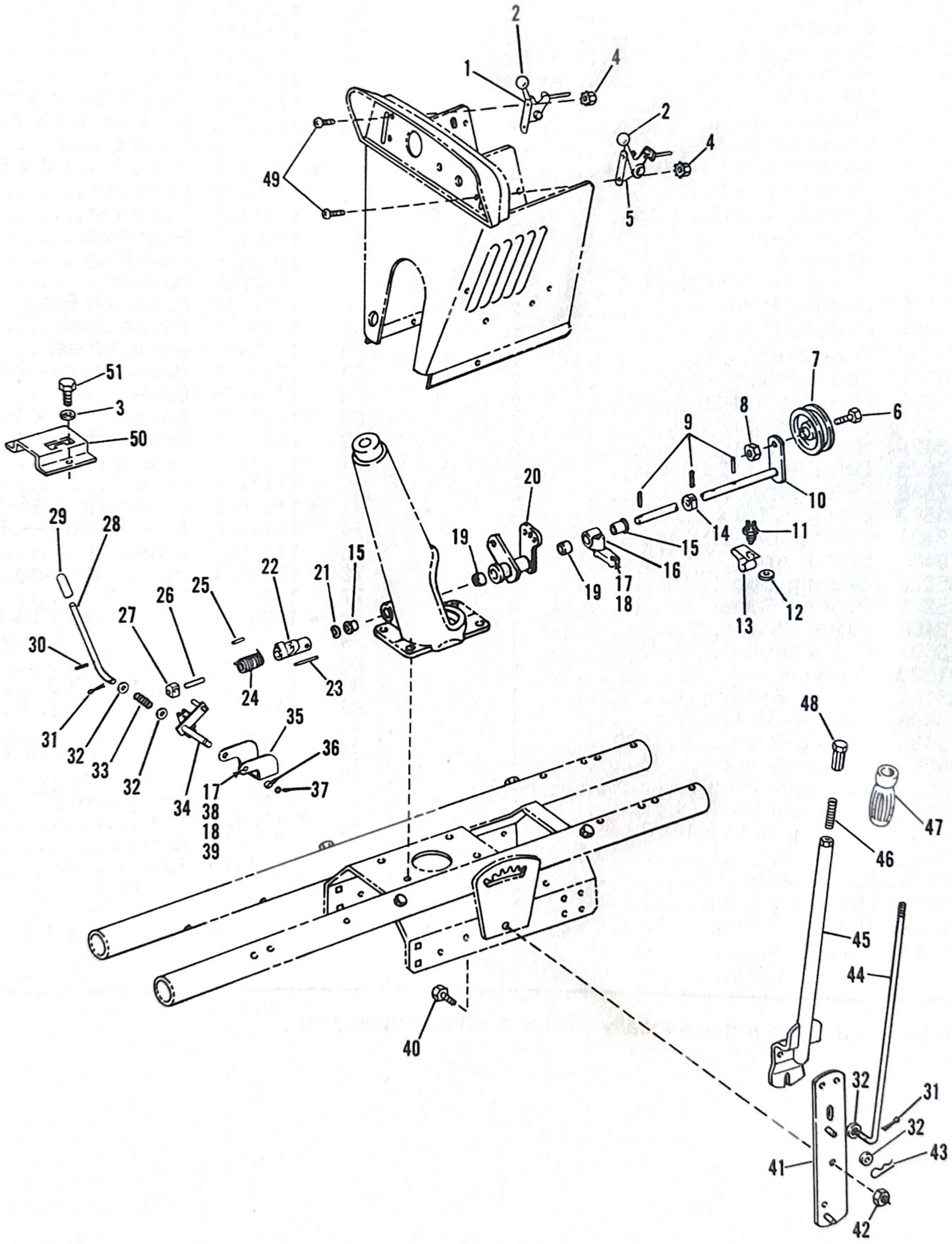


Figure 4. HAND CONTROLS and LIFT ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	1730699	Control, Choke (Incl. Ref. No. 2)	1
2	1724527	Knob Only	2
3	• 1187612	Lockwasher, 1/4	2
4	• 1185985	Nut w/Lockwasher (KEPS) #10-24	4
5	1730700	Control, Throttle (Incl. Ref. No. 2)	1
6	• 1100086	Hex Hd. Capscrew, 3/8-16 x 2-1/4	1
7	1713803	Idler Pulley	1
8	• 1110108	Lock Nut, 3/8-16	1
9	1704692	Pin, Drive 1/8 x 1	3
10	1726541	Shaft Assy., PTO Control	1
11	1720963	Switch, Safety Interlock	1
12	• 1721070	Nut, Pal 9/16-18	1
13	1722717	Spring, Interlock Actuating	1
14	1720962	Cam, Interlock Switch	1
15	1185647	Bearing, Nylon	2
16	1716590	Support, Idler Shaft	1
17	• 1100044	Hex Hd. Capscrew, 5/16-18 x 3/4	3
18	• 1100242	Lockwasher, 5/16	3
19	1185586	Nylined Bearings	2
20	1731955	Clutch Control Arm Assy.	1
21	1706782	Washer, Bowed	1
22	1723370	Pivot, PTO Control	1
23	1120210	Pin, Roll 3/16 x 1	1
24	1726632	Spring, Torsion	1
25	1185892	Pin, Drive 1/8 x 1	1
26	1891696	Pin, Drive 5/16 x 1-1/2	1
27	1723368	Block, Pivot	1
28	1723379	Handle, PTO Control	1
29	1725523	Grip, Plastic	1
30	1177625	Pin, Drive	1
31	• 1100346	Pin, Cotter 3/32 x 3/4	2
32	• 1107383	Flat Washer, 3/8	4
33	1723367	Spring, Compression	1
34	1723380	Pivot Assembly, PTO	1
35	1723381	Support, PTO Control	1
36	1714243	Bushing, Nylon	2
37	1185257	Ring, Retaining	2
38	• 1107382	Flat Washer, 5/16	2
39	• 1186230	Hex Nut, 5/16-18	2
40	• 1100067	Hex Hd. Capscrew, 1/2-13 x 2	1
41	1714575	Lift, Tool	1
42	• 1185496	Nut, Self Locking Jam 1/2-13	1
43	1703011	Spring, Cotter	1
44	1714645	Rod	1
45	1714577	Handle, Tool	1
46	1713075	Spring, Compression	1
47	1715575	Grip, Tool Lift	1
48	1714644	Plunger, Tool Lift	1
49	• 1116287	Screw, Oval Hd. Phil Rec., #10-24 x 5/8	2
50	1723382	Quadrant, PTO	1
51	• 1185211	Hex Hd. Screw, Thread Cutting, 1/4-20 x 1-1/2	2

•Common Hardware — purchase locally (Grade 5 where applicable)

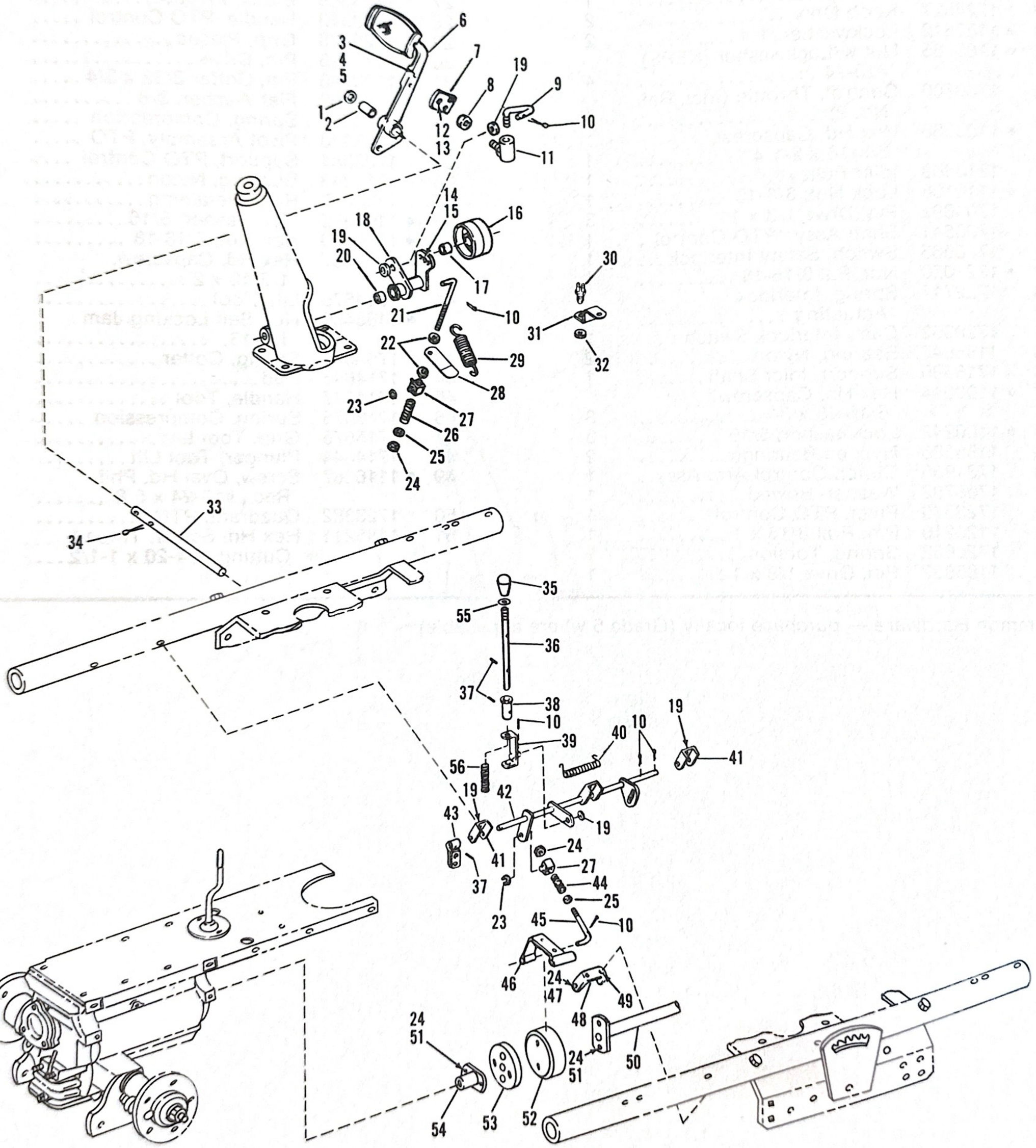


Figure 5. BRAKE and CLUTCH CONTROL ASSEMBLIES

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	• 1705092	Flat Washer	2
2	1185582	Bearing, Sleeve	1
3	• 1186231	Hex Nut, 3/8-16	2
4	• 1100241	Lockwasher, 1/4	2
5	• 1100069	Hex Hd. Capscrew, 1/4-20 x 1	2
6	1717372	Pedal, Clutch	1
7	1717267	Lug	1
8	1716778	Spacer	1
9	1717362	Clutch Rod	1
10	• 1100346	Pin, Cotter 3/32 x 3/4	6
11	1733963	Ball Joint	1
12	• 1100243	Lockwasher, 3/8	1
13	• 1186212	Nut, 3/8-24	1
14	• 1100049	Capscrew, 3/8-16 x 2-1/4	1
15	• 1110108	Lock Nut, 3/8-16	1
16	1713802	Idler Pulley	1
17	1713783	Spacer	1
18	1731955	Clutch Control Arm Assy.	1
19	• 1107383	Flat Washer, 3/8	4
20	1185586	Nylined Bearings	1
21	1713795	Brake Rod	1
22	• 1186230	Hex Nut, 5/16-18	2
23	1185257	Retaining Ring	1
24	• 1110107	Lock Nut, 5/16-18	6
25	• 1107382	Flat Washer, 5/16	2
26	1713781	Compression Spring	1
27	1713804	Brake Control Pivot	2
28	1725474	Activator	1
29	1713390	Spring	1
30	1720963	Switch, Safety Interlock	1
31	1725473	Bracket, Interlock Switch	1
32	• 1721070	Nut, Pal 9/16-18	1
33	1714840	Shaft, Cross	1
34	• 1100350	Pin, Cotter 1/8 x 1	2
35	1726130	Control Knob	1
36	1731667	Parking Brake Rod	1
37	1177625	Pin, Drive 1/8 x 3/4	3
38	1731668	Parking Brake Stop	1
39	1716716	Spring Bracket Assembly	1
40	1725933	Torsion Spring	1
41	1713772	Bracket, Brake Rod	2
42	1717321	Brake Rod Assembly	1
43	1713780	Brake Shoe Assembly	1
44	1713782	Compression Spring	1
45	1713806	Brake Shoe Rod	1
46	1713760	Brake Shoe Assembly	1
47	• 1111609	Hex Hd. Capscrew, 5/16-18 x 2-3/4	2
48	1713793	Brake Bracket	1
49	• 1111608	Hex Hd. Capscrew, 5/16-18 x 2-1/2	2
50	1717343	Drive Shaft	1
51	• 1110818	Knurled Socket Head Capscrew 5/16-18 x 3/4	4
52	1713794	Brake Drum	1
53	1716561	Bonded Coupling	1
54	1713670	Shaft Coupling	1
55	• 1100256	Flat Washer, 3/8	1
56	1716724	Compression Spring	1

•Common Hardware — purchase locally (Grade 5 where applicable)

BOLENS 8 HP TRACTOR

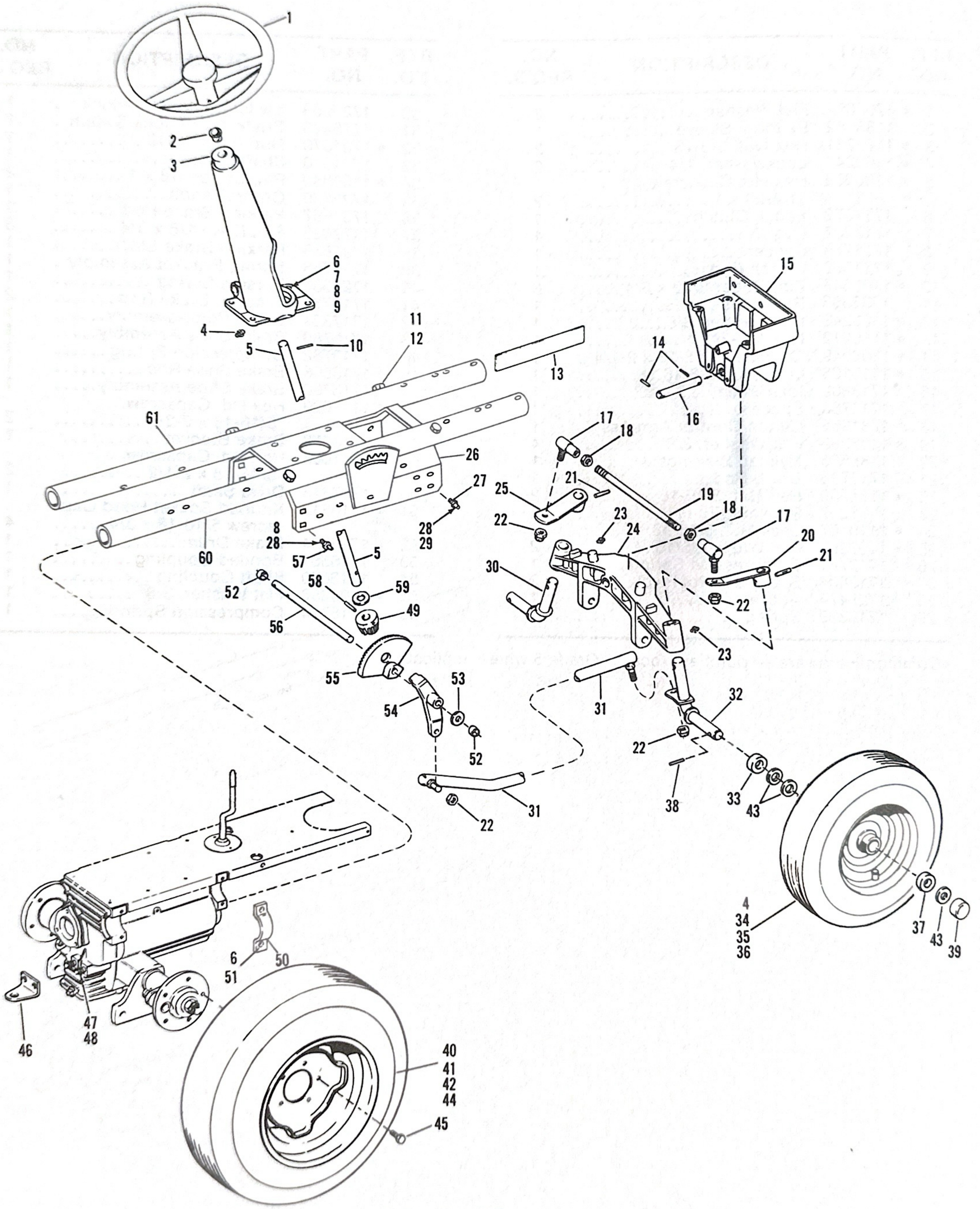


Figure 6. FRAME, STEERING and AXLE ASSEMBLIES

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	1727284	Steering Wheel	1
2	1717263	Bearing	1
3	1717258	Support, Steering	1
4	1104954	Grease Fitting	3
5	1725466	Steering Shaft	1
6	• 1100243	Lockwasher, 3/8	12
7	• 1107383	Flat Washer, 3/8	4
8	• 1186231	Hex Nut, 3/8-16	4
9	• 1100043	Hex Hd. Capscrew, 3/8-16 x 1-1/4	4
10	1185279	Pin, Drive 1/4 x 2-1/4	1
11	• 1100770	Hex Hd. Capscrew, 3/8-16 x 2-3/4	4
12	• 1110108	Lock Nut, 3/8-16	4
13	1723711	Plate, Reinforcement	4
14	1185232	Pin, Drive 3/16 x 1-1/4	2
15	1717270	Support, Axle	1
16	1713383	Pivot, Axle	1
17	1713361	Ball Joint	2
18	• 1103926	Nut, Hex Jam 1/2-20	2
19	1713385	Rod, Tie	1
20	1723355	Tie Rod Arm Assy. RH	1
21	1891696	Pin, Drive 5/16 x 1-1/2	2
22	• 1110152	Self Locking Nut, 1/2-20	4
23	1185976	Grease Fitting	2
24	1723343	Axle, Front	1
25	1723354	Tie Rod Arm Assy. LH	1
26	1717315	Plate Assy., Mounting	1
27	1722848	Pin, Front	2
28	• 1100242	Lockwasher, 5/16	4
29	• 1186230	Hex Nut, 5/16-18	2
30	1723346	Spindle Assy. LH	1
31	1717462	Drag Link	1
32	1723345	Spindle Assy. RH	1
33	1185616	Bearing, Ball w/Seal	2
34	1715855	Valve Stem Assembly	2
35	1715789	Wheel (Incl. Ref. No. 4)	2
36	1727902	Tubeless Tire 4.80/400 x 8 (Carlisle)	2
		Tubeless Tire 4.80/400 x 8 (Goodyear Softrac)	2
37	1185615	Bearing, Ball	2
38	1185348	Roll Pin, 1/4 x 1-1/4	2
39	1715899	Dust Cap, 1-1/2 ID	2
	1721245	Dust Cap, 1-5/8 ID	2
40	1715787	Wheel (Incl. Ref. No. 4)	2
41	1727901	Tubeless Tire 23 x 8.50-12 (Carlisle)	2
		Tubeless Tire 23 x 8.50-12 (Goodyear Softrac)	2
42	1716011	Valve Stem Assembly	2
43	1700821	Washer, Thrust	6
		MODEL 18829 AGRI. TIRE KIT	
44	1715787	Wheel Assembly	2
	1716011	Valve	2
	1716971	Tire 23 x 8.50 x 12	2
45	101085	Bolt, Hub	10
46	1714101	Hitch	1
47	• 1100245	Lockwasher, 1/2	2
48	• 1186233	Hex Nut, 1/2-13	2
49	1713811	Pinion, Steering	1
50	1731869	Cap, Mounting	4
51	• 1100047	Hex Hd. Capscrew, 3/8-16 x 1-1/2	8
52	1185558	Bearing, Sleeve	2
53	1705092	Flat Washer	1
54	1716563	Arm, Steering	1
55	1713809	Gear, Steering	1
56	1714840	Shaft, Cross	1
57	1722849	Pin, Rear	2
58	1185284	Pin, Drive 1/4 x 2	1
59	1708012	Flat Washer	1
60	1722014	Frame, Tube RH	1
61	1722015	Frame, Tube LH	1
NI	1723284	Grease Gun	
NI	1723479	Multi-purpose Grease	

•Common Hardware — purchase locally (Grade 5 where applicable)

BOLENS 8 HP TRACTOR

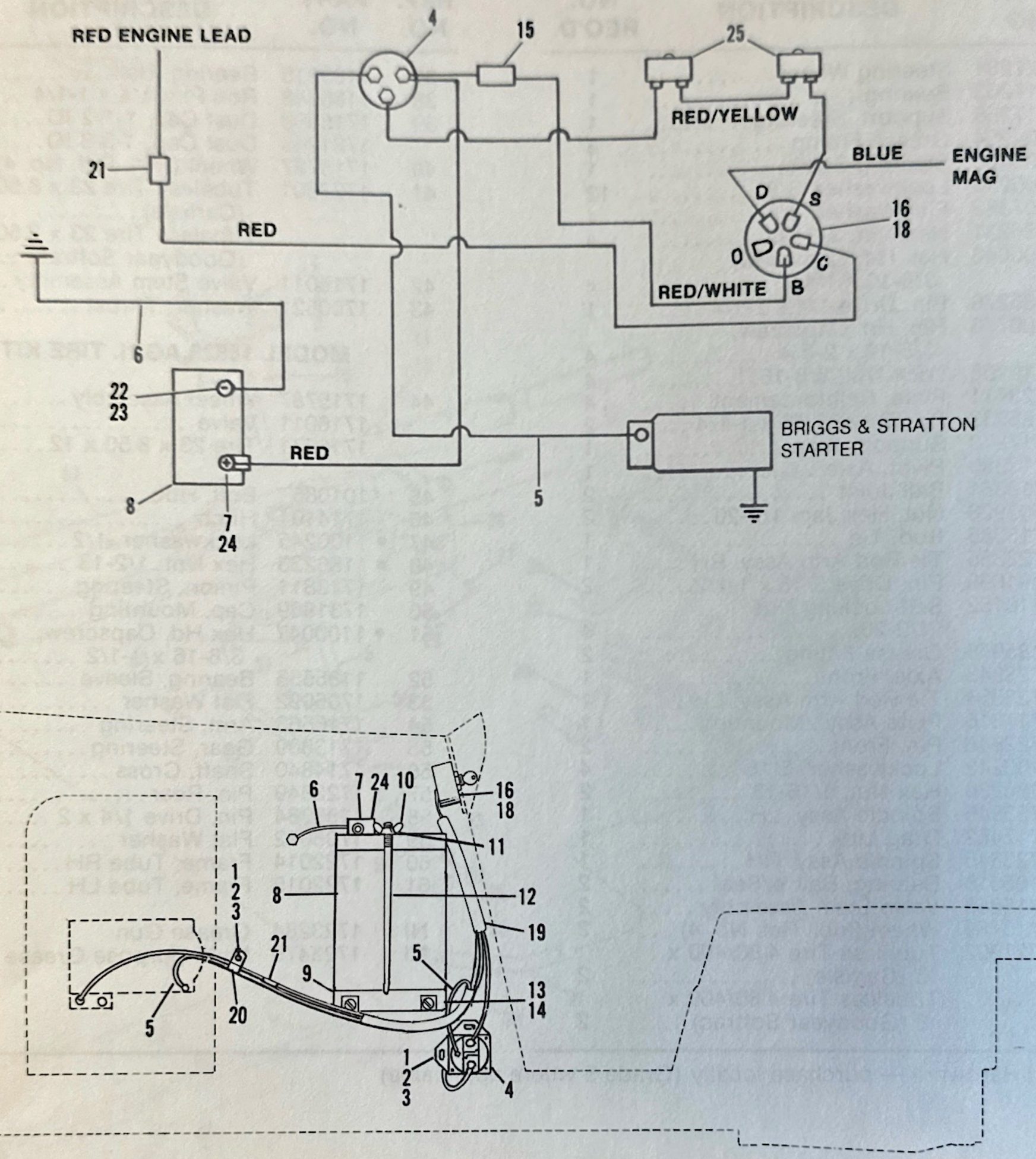


Figure 7. ELECTRICAL SYSTEM

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	• 1186229	Hex Nut, 1/4-20	4
2	• 1100241	Lockwasher, 1/4	4
3	• 1115931	Phil. Hd. Screw, 1/4-20 x 5/8	4
4	1729547	Solenoid	1
5	1722113	Lead (Starter to Sol)	1
6	1722081	Lead (Grd to Batt)	1
7	1715012	Terminal Boot	1
8	1722430	Battery 12v-24 amp	1
9	1722086	Carrier Battery	1
10	1709652	Wing Nut, 1/4-20	2
11	1805527	Battery Retainer	1
12	1722104	Clamp Rod	2
13	• 1185872	Screw, 5/16-18 x 1/2	4
14	• 1185873	Speed Nut "U" Type, 5/16-18	4
15	1720976	Fuse, 20 Amp	1
16	1722275	Ignition Switch (Incl. Ref. No. 18)	1
17	1725615	Reflector	2
18	1718266	Key Only	1
19	1725472	Wiring, Harness	1
20	1721252	Clip, U	1
21	1721038	Connector	1
22	• 1100804	Capscrew, 1/4-20 x 1/2	1
23	• 1185912	Nut & Washer	2
24	1805345	Tie, Cable	2
25	1720963	Switch, Safety Interlock	2

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