Bolens®

Tractor

Model 5120H (2000)

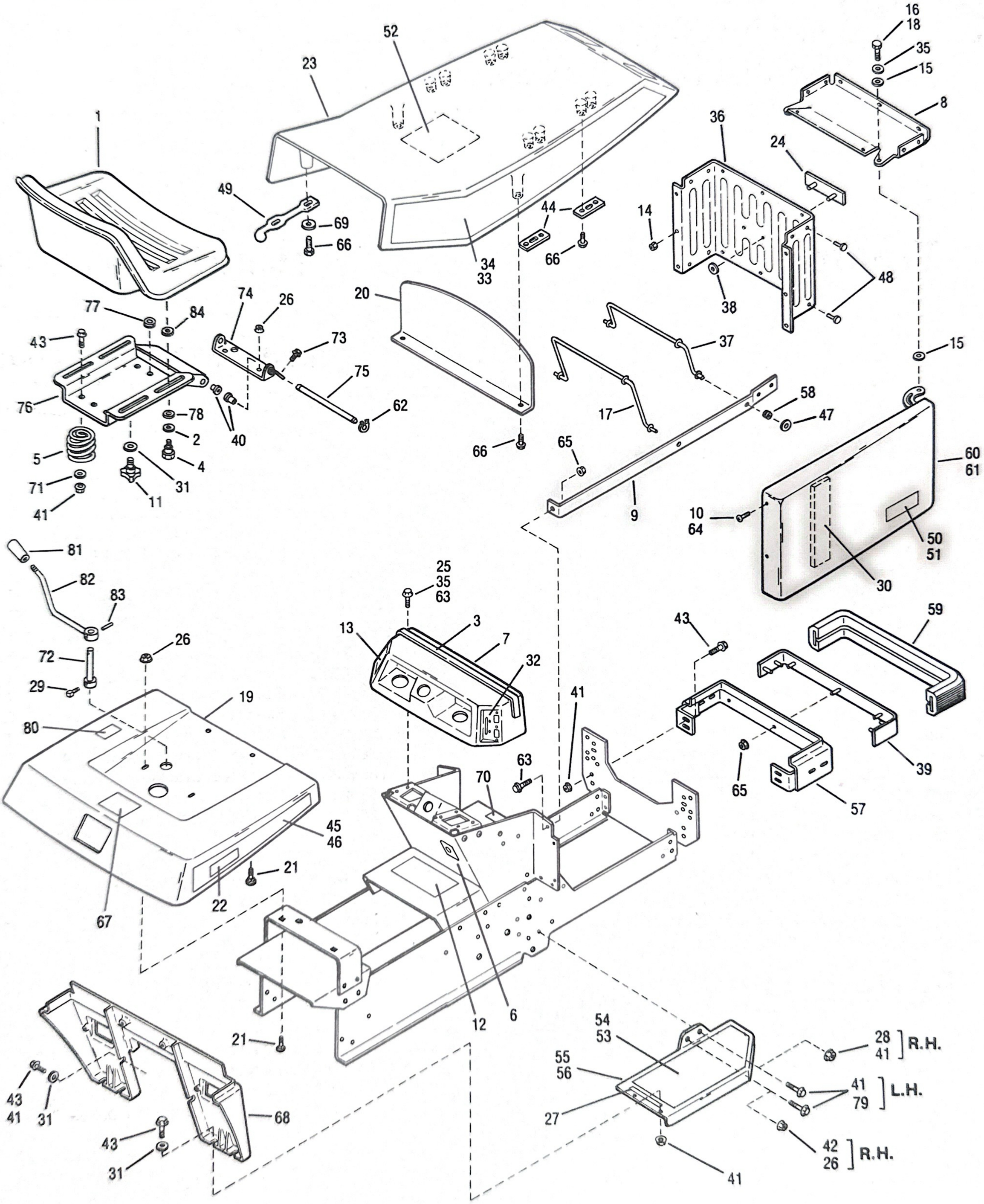
Serial Number 0200101
thru 0399999

Model 5118HS (1800)

Serial Number 0100101
thru 0299999

Parts List

Form 176-0616 (2/90)
Supersedes 4260-1

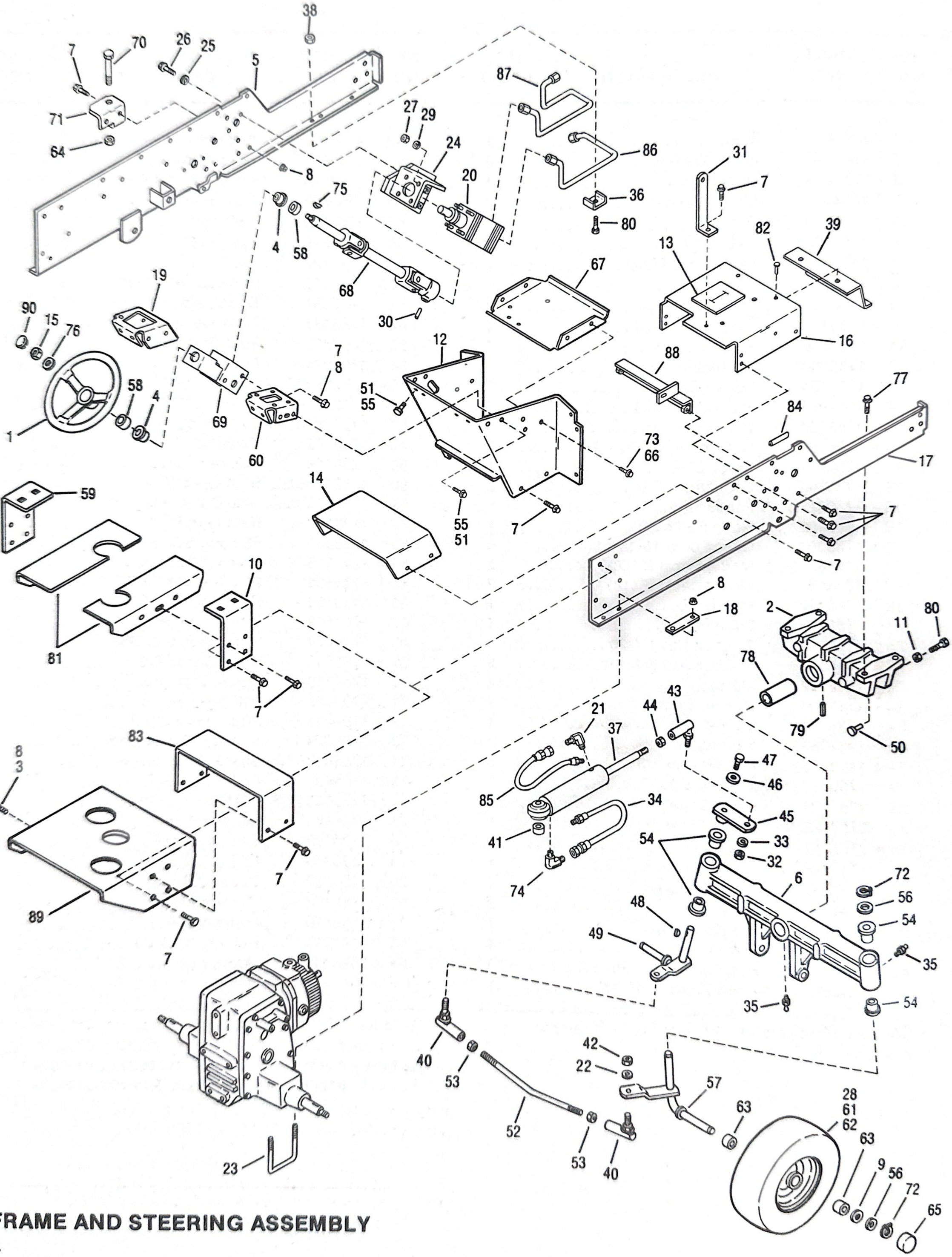


BODY WORK AND TRIM ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	1755490	Seat	1
2	1705793	Nylon Washer	2
3	1755516	Hood Pad	1
4	1754125	Shoulder Bolt	2
5	1755449	Spring	2
6	1755503	Decal, Ignition	1
7	1755413	Instrument Panel	1
8	1755628BDG	Grille Cap	1
9	1753783BDG	Grille Support	2
10	1185986 .	Nut, Keps 10-24	4
11	1731269	Knob	2
12	1755500	Instruction Decal	1
13	1753454	Decal, Choke	1
14	1185985	Nut, Keps 10-24	6
15	1755714	Washer, Nylon	4
16 •	1100805	Hex Screw 1/4-20 x 3/4	2
17	1752901	Hinge Link	1
18	1734398	Lock Nut 1/4-20	2
19	1749821BOW	Fender	1
20	1752903	Hood Baffle	1
21 •	1736098	Carr. Bolt 5/16-18 x 3/4	4
22	1754631	Model Decal (5120)	2
	1754630	Model Decal (5118)	2
23	1752142	Hood	1
24	1753939	Logo Plate	1
25	1186389	Fl. Lock Nut 1/4-20	4
26	1186391	Fl. Lock Nut 5/16-18	5
27	1755522	Cushion	2
28 •	1100068	Hex Screw 3/8-16 x 1	1
29	1738845	Sq. Hd. Set Screw 1/4-20 x 1/2	1
30	1753950	Sealing Block	2
31 •	1100256	Flat Washer 3/8	8
32	1753413	Throttle Decal	1
33	1754621	Hood Decal, L.H.	1
34	1754622	Hood Decal, R.H.	1
35 •	1107381	Flat Washer 1/4	8
36	1755515BDG	Grille Screen	1
37	1752900	Hinge Link	1
38	1754126	Push Nut	2
39	1755517	Bumper Strap	1
40	1185779	Bushing	4
41	1186393	Fl. Lock Nut 3/8-16	19
42	1185872	Truss Screw 5/16-18 x 1	1
43	1186347	Fl. Lock Screw 3/8-16 x 1	12
44	1752902	Hinge Link Retainer	4
45	1754624	Fender Decal R.H.	1
46	1754623	Fender Decal L.H.	1
47	1753799	Retainer	4
48	1739918	Pop Rivet	14
49	1727127	Latch	2
50	1755032	Decal, Side Cover L.H.	1
51	1755031	Decal, Side Cover R.H.	1
52	1753425	Instr. Decal, Service	1
53	1752893	Foot Rest Pad L.H.	1
54	1752894	Foot Rest Pad R.H.	1
55	1752250BOW	Foot Rest L.H.	1
56	1752251BOW	Foot Rest R.H.	1
57	1752181BOW	Grille Support Assembly	1
58	1753792	Grommet	4
59	1755518	Bumper	1
60	1755496BDG	Side Cover Ass'y, L.H.	1
61	1755498BDG	Side Cover Ass'y, R.H.	1
62	1185257	Retaining Ring	2
63	1186309	Fl. Lock Screw 1/4-20 x 5/8	6
64 •	1115815	Screw 10-24 x 5/8	4
65	1186389	Fl. Lock Nut 1/4-20	9
66	1185130	Screw 10-24 x 3/4	12
67	1754519	Decal, Fuel Fill	1
68	1749074	Supp. Running Board	1
69 •	1736359	Flat Washer #10	2
70	1754143	Decal, Warning	1
71	1701055	Flat Washer 3/8	2
72	1756204	Shaft Ass'y, Shift	1
73	1186329	Fl. Lock Screw 5/16-18 x 3/4	2
74	1755456STB	Seat Pivot Bracket	1
75	1755622	Rod	1
76	1755620STB	Seat Support Assembly	1
77	1755487	Grommet	1
78	1706782	Wave Washer	2
79	1186345	Fl. Screw 3/8-16 x 3/4	2
80	1755502	Decal, 2-Speed	1
81	1755473	Control Knob	1
82	1756510	Lever Ass'y	1
83	1120210	Roll Pin 3/16 x 1	1
84	1893445	Washer (2)	2

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

(1) Model 5118HS Serial Number 0100101-0199999
5120H Serial Number 0200101-0299999
(2) Model 5118HS Serial Number 0200101-0299999
5120H Serial Number 0300101-0399999



FRAME AND STEERING ASSEMBLY

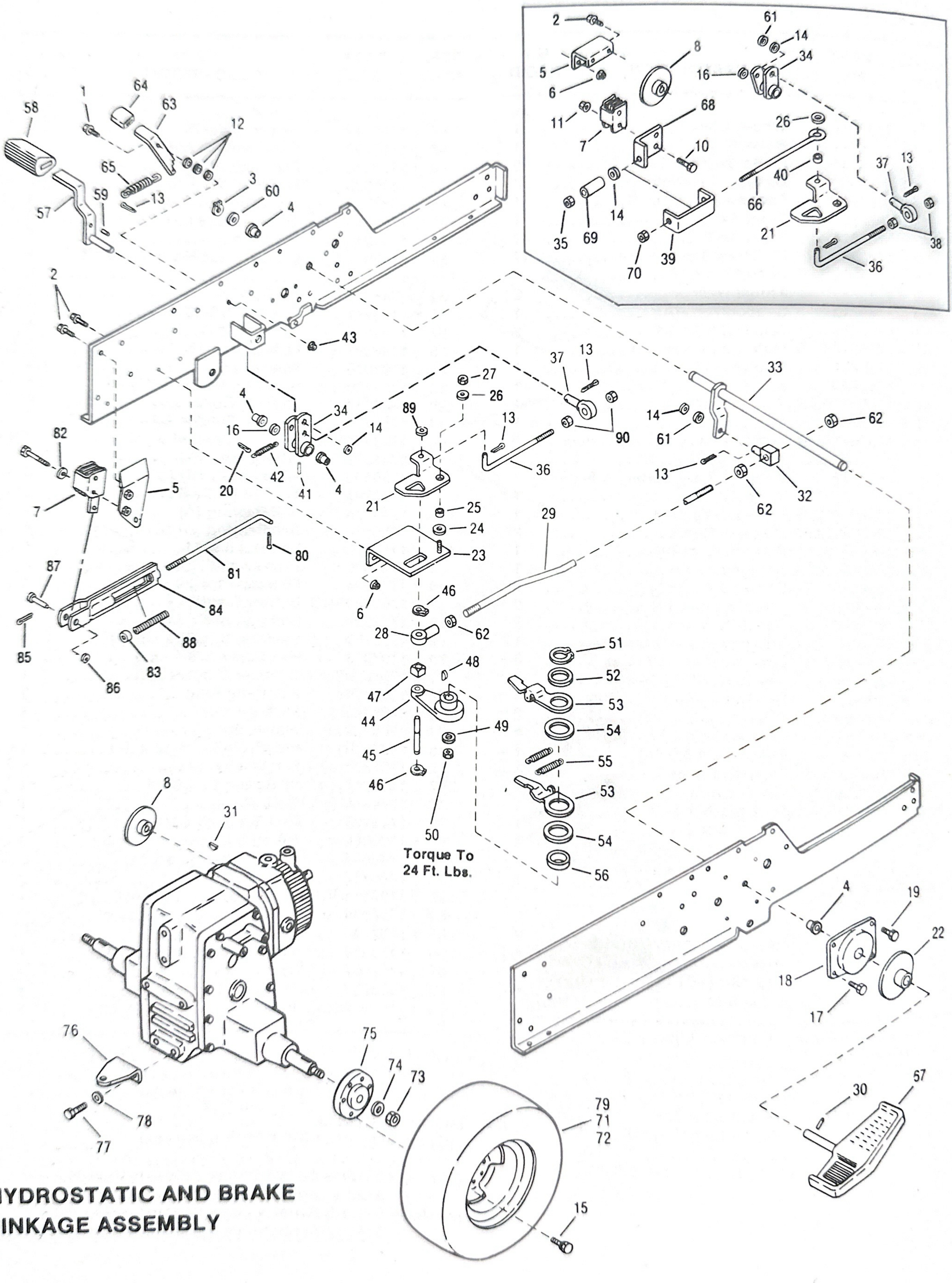
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	1754240	Wheel, Steering	1
2	1754321	Bolster	1
3	1186347	Fl. Screw 3/8-16 x 1	6
4	1185632	Bearing, Steering	2
5	1755513BDG	Frame Ass'y, L.H.	1
6	1752521	Front Axle (1)	1
	1757627	Front Axle (2)	1
7	1186345	Fl. Screw 3/8-16 x 3/4	17
8	1186393	Fl. Nut - 3/8-16	14
9	1715491	Thrust Washer	2
10	1749843	Support R.H. (A)	1
11	1186258	Jam Nut 5/16-18	2
12	1755514BDG	Instr. Panel Support	1
13	1755231	Seal (A) (B)	1
	1755780	Seal (C)	1
14	1752732BDG	Tunnel Ass'y	1
15 •	1110108	Nut, Lock 3/8-16	1
16	1755241BDG	Support Ass'y Battery & Fuel Tank (A) (B)	1
	1752179	Support Ass'y Battery & Fuel Tank (C)	1
17	1752634BDG	Frame Ass'y, R.H.	1
18	1730692BDG	Doubler, Rear	2
19	1755461	Steering Bracket	1
20	1752496BDG	Steering Pump	1
21	1756142	Elbow, 90°	1
22 •	1100245	Washer, Lock 1/2	2
23	1727898	"U" Bolt	2
24	1752763BDG	Steering Pump Supp.	1
25 •	1100244	Lock Washer 7/16	3
26	1747656	Hex Screw 7/16-14 x 1	3
27 •	1186211	Hex Nut 5/16-24	4
28	1718086	Valve	2
29 •	1100242	Lock Washer 3/8	4
30 •	1185348	Roll Pin 1/4 x 1-1/4	1
31	1756150BDG	Steering Brace	1
32	1186216	Hex Nut 5/8-18	1
33 •	1100247	Lock Washer 5/8	1
34	1754364	Hose Ass'y	1
35	1185976	Fitting, Grease Thd. Form	3
36	1722667	Clamp	1
37	1751627BDG	Cylinder	1
38	1732499	Lock Nut, 5/16-18	1
39	1753851	Air Shield (A) (B)	1
40	1713361	Ball Joint	2
41	1863072	Sleeve	1
42	1110152	Lock Nut 1/2-20	2
43	1719003	Ball Joint	1
44	1186249	Hex Nut 5/8-18	1
45	1752797	Steering Arm Ass'y	1
46	1186033	Flat Washer 5/16	1
47	1186329	Fl. Screw 5/16-18 x 3/4	1
48	1186034	Woodruff Key 1/4 x 7/8	1
49	1752518	Spindle Ass'y L.H. Wheel	1
50	1751219	Weld Pin	2
51	1185872	Screw, Truss Hd. 5/16-18 x 5/8	6
52	1746138	Tie Rod	1
53 •	1186247	Hex Nut 1/2-20	2
54	1752556	Fl. Bearing	4
55	1186391	Fl. Nut 5/16-18	6
56	1703073	Washer	3
57	1752520	Spindle Ass'y R.H. Wheel	1
58	1800417	Locking Collar	2
59	1755481	Support Fender, L.H. (A)	1
60	1753777BDG	Steering Bracket	1
61	1744372	Wheel Ass'y (A)	2
	1756525	Wheel Ass'y (B) (C)	2
62	1742927	Tire, 16 x 6.50-8	2
63	1744375	Ball Bearing (A)	4
	1756524	Ball Bearing (B) (C)	4
64	1110112	Hex Nut 5/8-11	1
65	1744396	Dust Cap	2
66	1186308	Fl. Screw 1/4-20 x 1/2	4
67	1752733BDG	Battery Carrier	1
68	1752222	Steering Shaft Ass'y	1
69	1753773	Steering Support, Upper	1
70	1107073	Hex Screw 5/8-11 x 3	1
71	1751629BDG	Cylinder Bracket	1
72	1185689	Retaining Ring	3
73	1186389	Fl. Nut 1/4-20	4
74	1185739	Elbow, 90°	1
75	1104436	Woodruff Key 3/16 x 3/4	1
76 •	1107383	Flat Washer 3/8	1
77	1186347	Fl. Screw 3/8-16 x 1	14
78	1744374	Tube Pivot	1
79	1733103	Roll Pin 5/16 x 3/4	1
80 •	1100045	Hex Hd. Screw 5/16-18 x 1	3
81	1749075	Fuel Tank Support (A)	2
82	1185879	Pop Rivet (A) (B)	2
83	1756513BDG	Fender Support (B) (C)	1
84	1752694	Trim	2
85	1752649	Hose Ass'y	1
86	1752658	Tube Ass'y (Cyl. to R.T.)	1
87	1752657	Tube Ass'y (Cyl. to L.T.)	1
88	1755200	Support, Frame Ass'y	1
89	1756512BDG	Fuel Tank Support (B) (C)	1

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

MODEL 5120H
(A) Serial Number 0200101 thru 0200613
(B) Serial Number 0200614 thru 0299999

MODEL 5118HS
(C) Serial Number 0100101 thru 0199999

(1) Model 5118HS Serial Number 0100101-0199999
5120H Serial Number 0200101-0299999
(2) Model 5118HS Serial Number 0200101-0299999
5120H Serial Number 0300101-0399999

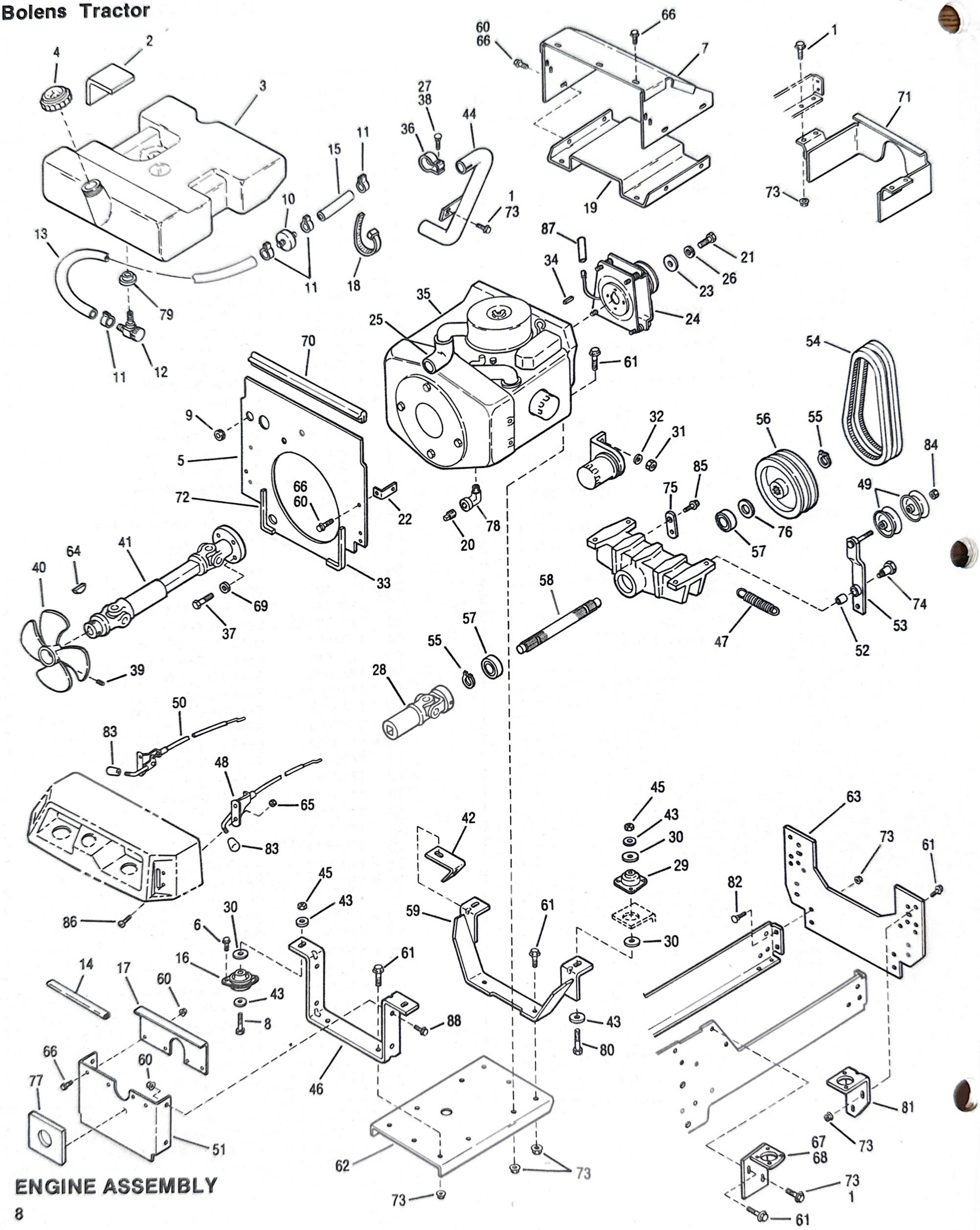


HYDROSTATIC AND BRAKE LINKAGE ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	1186347	Screw, Hex Hd. Flange Lock 3/8-16 x 1	1
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	1747060	Bracket, Transmission Support (1)	1
	1757390BDG	Bracket, Transmission Support (2)	1
6	1186393	Nut, Hex Flange Lock 3/8-16	4
7	1732361	Brake Assembly, Mechanical	1
8	1747055	Disc Assembly, Brake (5120) (1)	1
	1756816	Disc Assembly, Brake (5120) (2)	1
	1729273	Disc Assembly, Brake (5118) (1)	1
	1758018	Disc Assembly, Brake (5118) (2)	1
10 •	1100805	Screw, Hex Hd. cap 1/4-20 x 3/4 (1)	2
11	1186389	Nut, Hex Flange Lock 1/4-20 (1)	2
12 •	1107383	Flat Washer 3/8	3
13 •	1100346	Pin, Cotter 3/32 x 3/4	4
14 •	1107382	Washer Flat 5/16	3
15	0101085	Bolt Hub	10
16	1716495	Spacer (1)	1
17	1738463	Thd. Form Screw	2
18	1738462	Clutch	1
19	1185130	Screw, Sems 10-24 x 3/4	1
20 •	1100350	Cotter Pin 1/8 x 1	1
21	1729213	Plate, Neutral	1
22	1738447	Speed Control Disc	1
23	1729445	Support Assembly, 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	1
28	1721612	Rod End	1
29	1747514	Rod, Speed Control	1
30	1185232	Pin Roll 1/8 x 1-1/4	1
31	1104436	Woodruff Key	1
32	1734827	Swivel (1)	1
	1751848	Swivel (2)	1
33	1754085	Shaft Assembly, Speed Control	1
34	1753139	Arm Assembly (1)	1
	1756812	Arm Assembly (2)	1
35 •	1186230	Jam Nut 5/16-18 (1)	1
36	1755509	Rod, Brake Control (1)	1
	1759491	Rod, Brake Control (2)	1
37	1747507	Block, Pivot	1
38 •	1186258	Nut, Hex Jam 3/8-16	2
39	1748372	Brake Return (1)	1
40	1747497	Spacer (1)	1
41	1732147	Pin, Drive Lock	1
42	1700401	Spring, Extension (1)	1
	1746769	Spring, Extension (2)	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 •	1110110	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	1755510	Pedal Assembly, Brake	1
58	1728694	Foot Rest	1
59 •	1120209	Pin, Roll 3/16 x 3/4	1
60	1715301	Thrust Washer	AR
61	1705108	Washer	2
62	1186246	Nut, Hex 7/16-20	3
63	1729683BDG	Lock, Brake	1
64	1734553	Grip	1
65	1726640	Spring, Extension	1
66	1747495	Brake Rod (1)	1
67	1754597BDG	Foot Pedal	1
68	1747496	Ext. Brake Arm (1)	1
69	1747494	Sleeve (1)	1
70 •	1110107	Lock Nut, 5/16-18 (1)	1
71	1732926	Tire, 23 x 10.50 x 12	2
72	1718086	Valve Stem	2
73	1120390	Hex Nut 3/4-10	2
74	1708599	Spacer	2
75	1747088	Wheel Hub	2
76	1724698	Drawbar Hitch	1
77 •	1100055	Hex Screw 1/2-13 x 1-1/4	2
78 •	1100245	Lock Washer 1/2	2
79	1724718	Rim Assembly	2
80 •	1100349	Cotter Pin 1/8 x 3/4 (2)	1
81	1757504	Rod, Brake (2)	1
82 •	1100243	Washer, Lock (2)	2
83	1757246	Nut, Special (2)	1
84	1757503	Yoke Ass'y (2)	1
85 •	1187385	Cotter Pin 1/16 x 1/2 (2)	1
86 •	1107387	Washer, Flat 1/4 (2)	1
87	1757599	Pin, Clevis (2)	1
88	1757501	Spring, Comp. (2)	1
89	1100254	Washer, Flat (2)	1

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

(1) Model 5118HS Serial Number 0100101-0199999
5120H Serial Number 0200101-0299999
(2) Model 5118HS Serial Number 0200101-0299999
5120H Serial Number 0300101-0399999



ENGINE ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	1186345	Fl. Screw 3/8-16 x 3/4	7
2	1749079	Rod	2
3	1755888	Fuel Tank (Incl. Ref.#4,12 & 79)	1
4	1755726	Fuel Tank Cap	1
5	1752713BDG	Heat Shield Ass'y	1
6	1185712	Screw, Thd. Cut 10-24 x 1/2	8
7	1753985BDG	Heat Shield Ass'y	1
8 •	1100049	Hex Hd. Screw 3/8-16 x 2-1/4	2
9	1729587	Snap Bushing	1
10	1727491	Fuel Line Filter	1
11	1750687	Hose Clamp	4
12	1747184	Shut Off Valve	1
13	1735561	Fuel Line	1
14	1755536	Heat Shield Gasket	1
15	1734941	Fuel Line	1
16	1725856	Rear Mount	2
17	1752725BDG	Upper Grass Shield	1
18	1735531	Cable Tie	2
19	1753913STB	Heat Shield Ass'y	1
20	1105678	Plug, Pipe	1
21	1736485	Hex Hd. Screw 7/16-20 x 1-1/4	1
22	1752714BDG	Heat Shield Bracket	4
23	1741801	Washer	1
24	1747059	Clutch Ass'y (A) (B)	1
	1744401	Clutch Ass'y (C)	1
25	1752468	Hose, Air Cleaner	1
26 •	1100244	Lockwasher 7/16	1
27 •	1110107	Hex Nut 5/16-18	1
28	1760049	Universal Joint Ass'y	1
29	1738010	Front Mount	2
30 •	1186047	Flat Washer 3/8 x 1-3/8	AR
31 •	1732499	Lock Nut 5/16-18 (A)	2
32 •	1107382	Flat Washer 5/16 (A)	2
33	1755535	Seal, R.H.	1
34	1708034	Key, 1/4 x 1/4 x 1/2	1
35	*	Kohler Engine 20 HP (Model KT20QS-49540) (A)	1
		(Model M20QS 49565) (B)	1
	*	Kohler Engine 18 HP (Model M18QS-24999) (C)	1
36	1752790	Muffler Clamp	1
37 •	1100046	Hex Screw 3/8-16 x 1	4
38 •	1186102	Carr. Bolt 5/16-18 x 1-1/4	1
39	1737419	Set Screw 5/16-18 x 3/4	2
40	1746503	Fan	1
41	1750338	Drive Shaft	1
42	1753915	Exhaust Pipe Bracket	1
43	1701055	Flat Washer, 3/8	8
44	1753914BDG	Exhaust Pipe	1
45 •	1733398	Hex Locknut, 3/8-16	4
46	1750828BDG	Rear Mount Support	1
47	1724822	Ext. Spring	1
48	1755720	Throttle Control	1
49	1751716	Idler Pulley (1)	2
	1756757	Idler Pulley (2)	2
50	1755721	Choke Control	1
51	1752726BDG	Shield, Lower Grass	1
52	1892945	Bushing	1
53	1751719	Idler Arm Ass'y (1)	1
	1756788	Idler Arm Ass'y (2)	1
54	1742628	PTO Belt (Matched Set of 2)	1
55	1185689	Snap Ring	2
56	1744379	PTO Sheave	1
57	1725087	Ball Bearing	2
58	1755219	PTO Shaft	1
59	1756541BDG	Front Mount Supp.	1
60 •	1186389	Fl. Nut 1/4-20	16
61	1186347	Fl. Screw 3/8-16 x 1	14
62	1744408BDG	Engine Mount	1
63	1752665BDG	Front Plate	1
64	1185885	Woodruff Key 3/16 x 5/8	1
65	1185985	Keps Nut 10-24	4
66	1186308	Fl. Screw 1/4-20 x 1/2	19
67	1750835BDG	Hanger Ass'y, R.H.	1
68	1750834BDG	Hanger Ass'y, L.H.	1
69 •	1100243	Lock Washer 3/8	4
70	1752791	Heat Shield Gasket	1
71	1756157BDG	PTO Guard Ass'y	1
72	1755534	Seal, L.H.	1
73	1186393	Fl. Nut 3/8-16	26
74	1754322	Shoulder Bolt	1
75	1744451	Anchor Spring	1
76	1703073	Flat Washer	AR
77	1754644	Seal, Drive Shaft	1
78	1743683	Elbow, 45°	1
79	1738433	Rubber Bushing	1
80 •	1110644	Hex Screw 3/8-16 x 3-1/4	2
81	1752746BDG	Engine Supp.	2
82 •	1739656	Carr. Bolt 3/8-16 x 3/4	4
83	1755412	Knob	2
84 •	1186259	Nut, Jam 3/8-16	1
85	1186329	Fl. Screw 5/16-18 x 3/4	1
86	1750962	Screw 10-24 x 5/8	4
87	1759382	Insulator	1
88	1186309	Fl. Screw 1/4-20 x 5/8	4

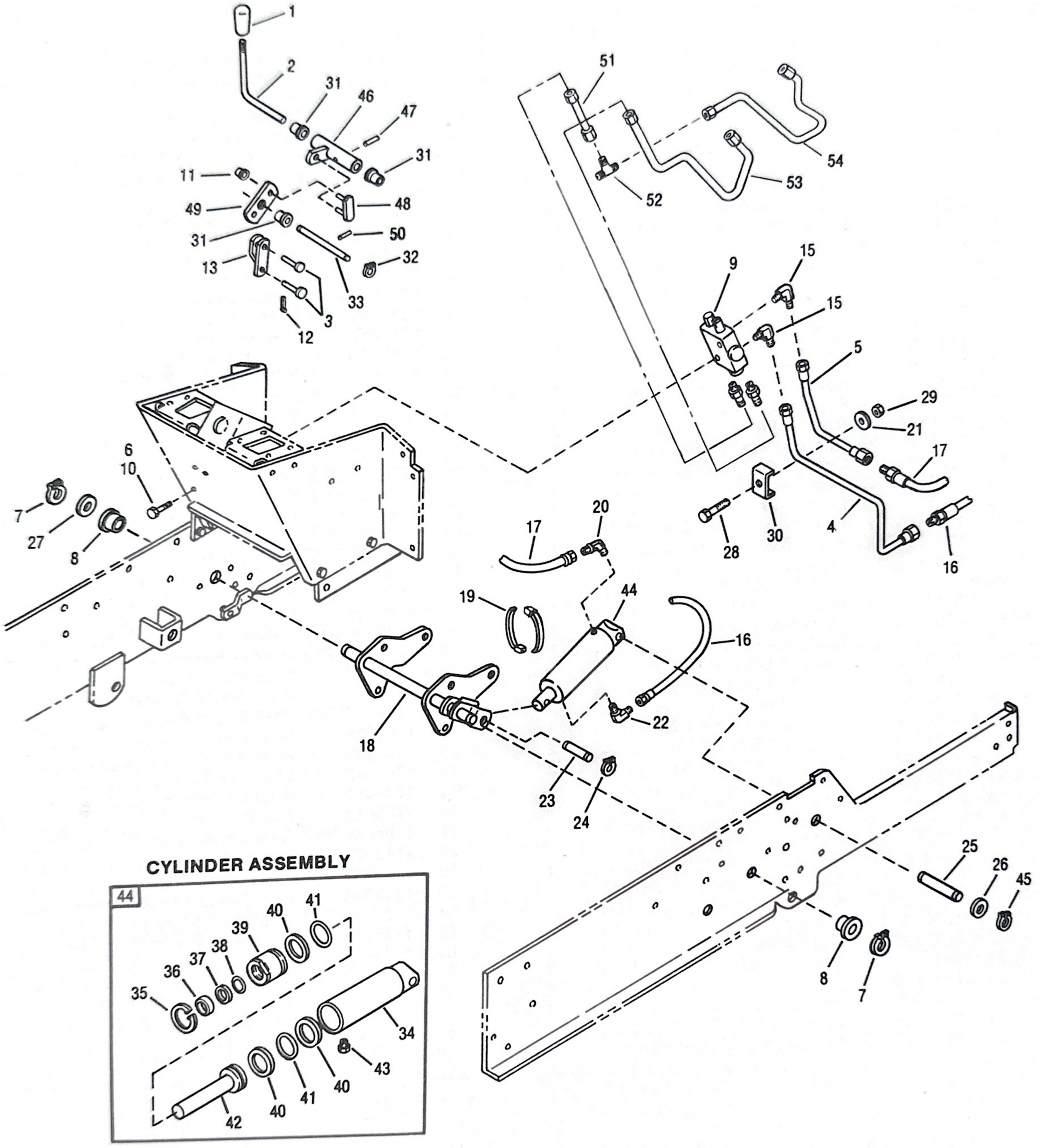
• Common Hardware - Purchase Locally (Grade 5 where available)

* Order parts from your Authorized Kohler Engine Dealer

MODEL 5120H
(A) Serial Number 0200101 thru 0200613
(B) Serial Number 0200614 thru 0299999

MODEL 5118HS
(C) Serial Number 0100101 thru 0199999

(1) Model 5118HS Serial Number 0100101-0199999
5120H Serial Number 0200101-0299999
(2) Model 5118HS Serial Number 0200101-0299999
5120H Serial Number 0300101-0399999

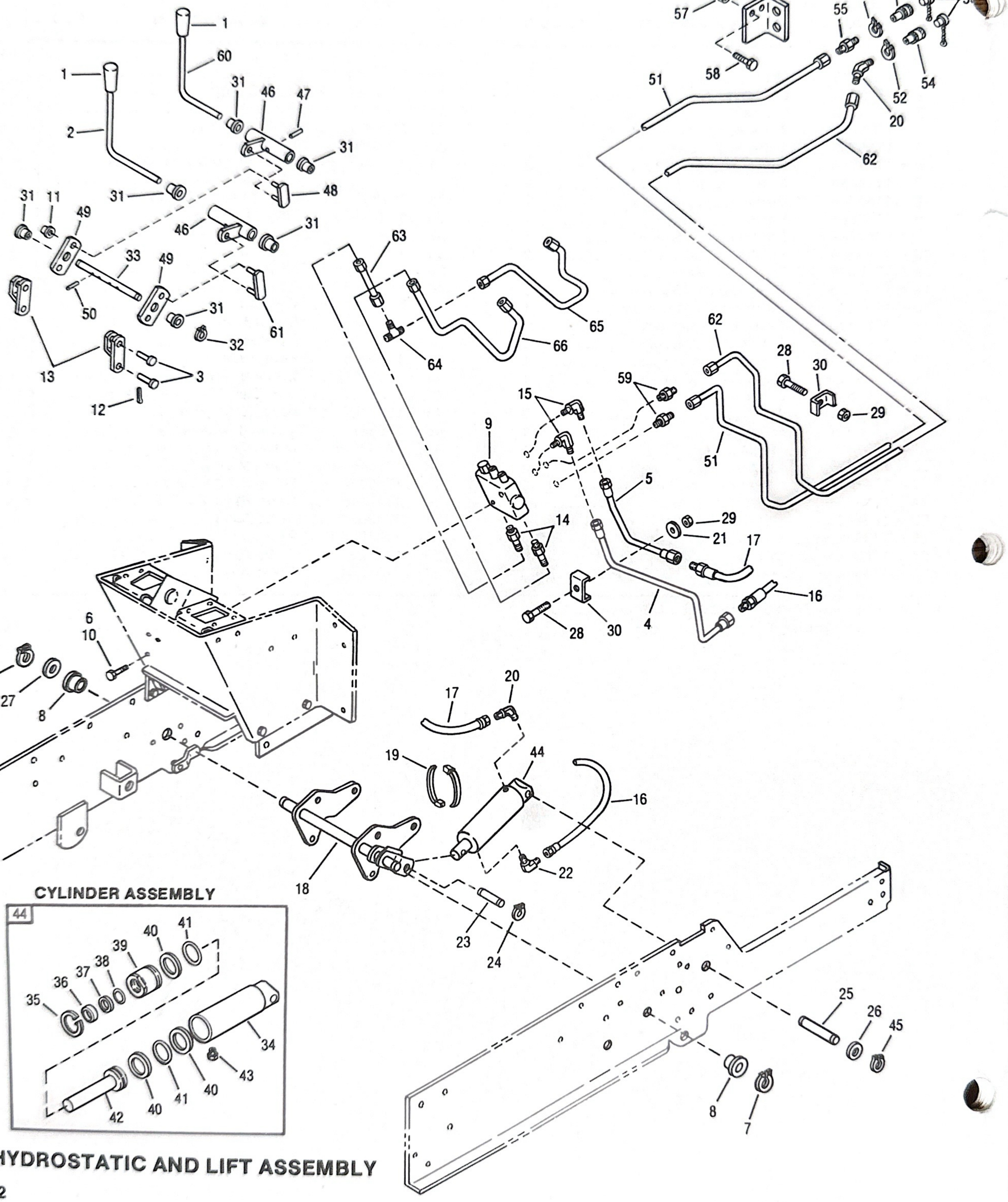


CYLINDER ASSEMBLY

HYDROSTATIC AND LIFT ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	1755473	Grip	1
2	1755460	Lift Lever	1
3	1755559	Clevis Pin	2
4	1755232	Tube Ass'y, Upper Valve	1
5	1755233	Tube Ass'y, Lower Valve	1
6 •	1186316	Hex Screw 1/4-20 x 1-3/4	2
7	1118554	Retaining Ring	2
8	1185728	Bushing	2
9	1752667	Valve	1
	1751209	Replacement Seal Kit	1
10	1186389	Fl. Nut 1/4-20	2
11	1708072	Push Nut 1/4	2
12 •	1187385	Cotter Pin 1/16 x 1/2	2
13	1755468	Valve Link Ass'y	1
14	1752690	Connector (Long)	2
15	1185737	Elbow 90°	2
16	1752648	Hose Ass'y	1
17	1755198	Hose Ass'y, Cylinder	1
18	1747510	Shaft Ass'y, Lift	1
19	1755531	Tie Cable	3
20	1185903	Elbow 45°	1
21	1701055	Flat Washer	1
22	1185739	Elbow 90°	1
23	1747512	Cylinder Rod Pin	1
24	1118808	Retaining Ring	2
25	1724703	Cylinder Anchor Pin	1
26	1708012	Flat Washer 3/4	1
27	1185816	Washer	AR
28 •	1100045	Hex Screw 5/16-18 x 1	1
29 •	1732499	Lock Nut 5/16-18	1
30	1722667	Tube Clamp	1
31	1737018	Flange Bearing	3
32	1185427	Retaining Ring	2
33	1755458	Pivot Pin	1
34	1729388	Tube Assembly, Hydraulic Cylinder	1
35	1118735	Ring, Internal Retaining	1
36	1185266	Seal, Oil	1
37	1186019	Ring, Back Up	1
38	1177395	O-Ring	1
39	1724511	Head, Cylinder	1
40	1186018	Ring, Back Up	3
41	1186017	O-Ring	2
42	1747043	Rod Assembly Hydraulic Cylinder	1
43	1186278	Plug, Pipe	2
44	1747509BDG	Cylinder Assembly, Hydraulic (Inc. Ref. No. 34 thru 43)	1
45	1113527	Ring, Retaining	2
46	1755472	Control Arm Ass'y	1
47	1713457	Drive Pin	1
48	1755464	Control Link Ass'y	1
49	1755469	Rocker Arm	1
50	1737015	Drive Pin 1/8 x 5/8	2
51	1752664	Tube Ass'y	1
52	1185904	Tee	1
53	1755235	Tube Ass'y (Tee to OUT)	1
54	1755234	Tube Ass'y (Valve to AUX)	1

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



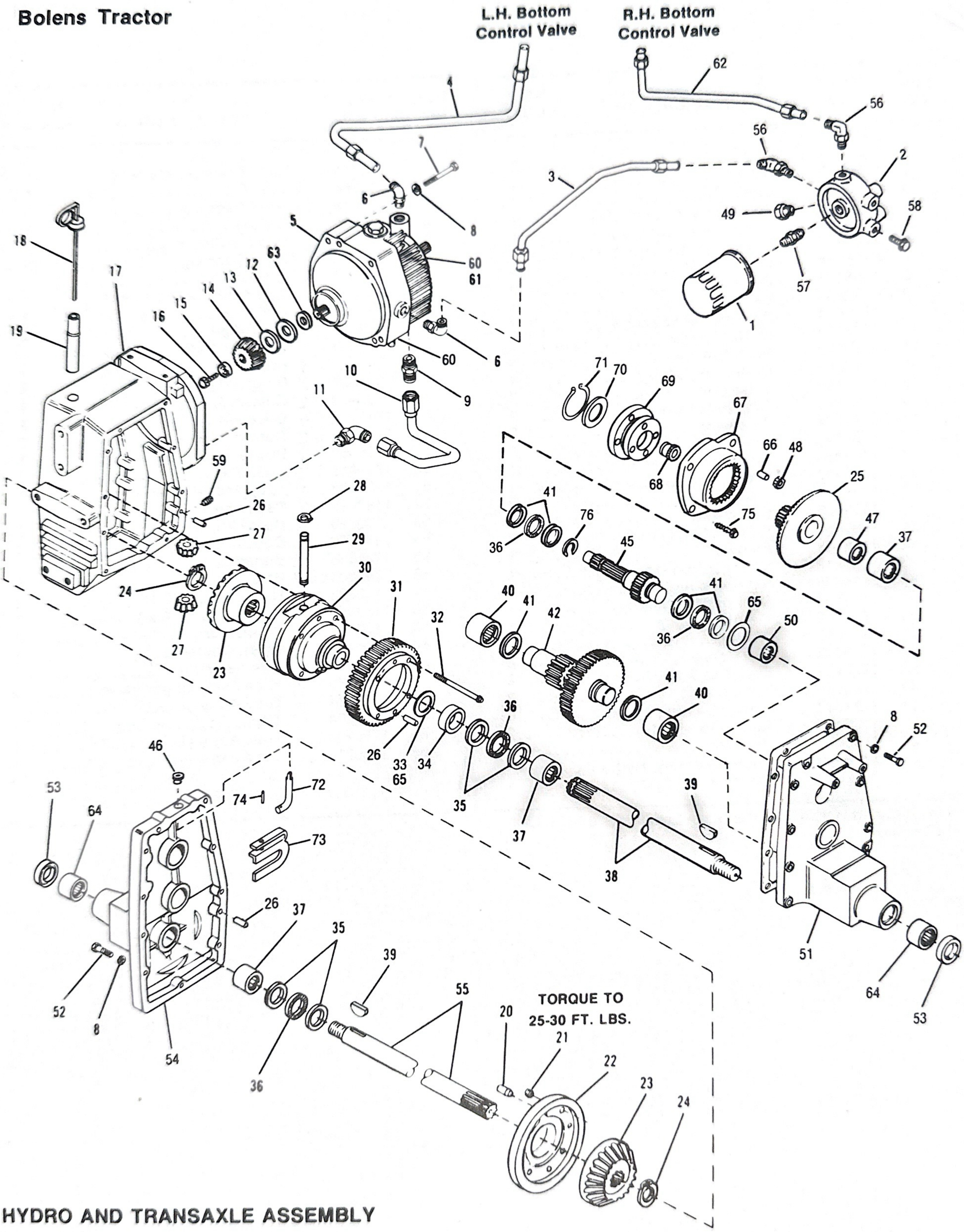
CYLINDER ASSEMBLY

HYDROSTATIC AND LIFT ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	1755473	Grip	2
2	1755460	Lift Lever	1
3	1755559	Clevis Pin	4
4	1755232	Tube Ass'y, Upper Valve	1
5	1755233	Tube Ass'y, Lower Valve	1
6 •	1186316	Hex Screw 1/4-20 x 2	2
7	1118554	Retaining Ring	2
8	1185728	Bushing	2
9	1752668	Valve	1
	1754414	Replacement Seal Kit	1
10	1186389	Fl. Nut 1/4-20	2
11	1708072	Push Nut 1/4	4
12 •	1187385	Cotter Pin 1/16 x 1/2	4
13	1755468	Valve Link Ass'y	2
14	1752690	Connector (Long)	2
15	1185737	Elbow 90°	2
16	1752648	Hose Ass'y	1
17	1755198	Hose Ass'y, Cylinder	1
18	1747510	Shaft Ass'y, Lift	1
19	1755531	Tie Cable	3
20	1185903	Elbow 45°	2
21	1701055	Flat Washer, 5/16	1
22	1185739	Elbow 90°	1
23	1747512	Cylinder Rod Pin	1
24	1118808	Retaining Ring	2
25	1724703	Cylinder Anchor Pin	1
26	1708012	Flat Washer 3/4	1
27	1185816	Washer	AR
28 •	1100045	Hex Screw 5/16-18 x 1	2
29 •	1732499	Lock Nut 5/16-18	2
30	1722667	Tube Clamp	2
31	1737018	Flange Bearing	6
32	1185427	Retaining Ring	2
33	1755458	Pivot Pin	1
34	1729388	Tube Assembly, Hydraulic Cylinder	1
35	1118735	Ring, Internal Retaining	1
36	1185266	Seal, Oil	1
37	1186019	Ring, Back Up	1
38	1177395	O-Ring	1
39	1724511	Head, Cylinder	1
40	1186018	Ring, Back Up	3
41	1186017	O-Ring	2
42	1747043	Rod Assembly Hydraulic Cylinder	1
43	1186278	Plug, Pipe	2
44	1747509	Cylinder Assembly, Hydraulic (Inc. Ref. No. 34 thru 43)	1
45	1113527	Ring, Retaining	2
46	1755472	Control Arm Ass'y	1
47	1713457	Drive Pin	1
48	1755464	Control Link Ass'y	1
49	1755469	Rocker Arm	1
50	1737015	Drive Pin	4
51	1755238	Tube Ass'y-Lower Valve	1
52	1180025	Retaining Ring	2
53	1720733	Dust Plug	2
54	1863870	Coupling, Body	2
55	1721989	Connector	1
56	1747803BDG	Bracket	1
57	1186393	Fl. Lock Nut 3/8-16	2
58	1186348	Fl. Screw 3/8-16 x 1	2
59	1177563	Connector	2
60	1745459	Lever, Control	1
61	1755466	Link Ass'y	1
62	1755239	Tube Ass'y-Upper Valve	1
63	1752664	Tube Ass'y	1
64	1185904	Tee	1
65	1755235	Tube Ass'y (Tee to OUT)	1
66	1755234	Tube Ass'y (Valve to AUX)	1

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

Bolens Tractor



HYDRO AND TRANSAXLE ASSEMBLY

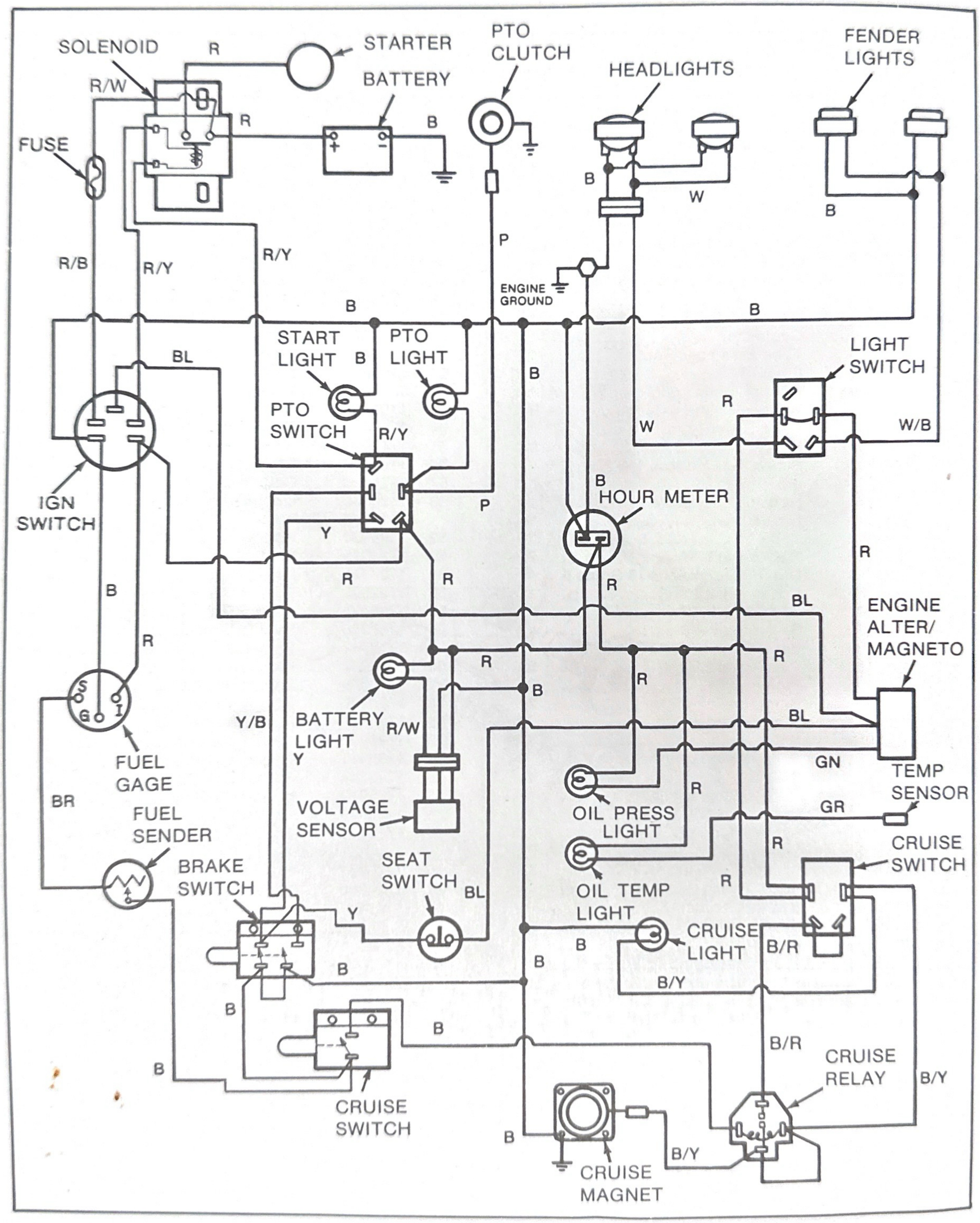
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	1726450	Filter	1
2	1752734	Manifold, Filter	1
3	1755237	Tube Ass'y Return	1
4	1755236	Tube Ass'y, Hydro to Steering Pump	1
5	1745147	Eaton Trans. Model 11 (See Page 24 for breakdown)	1
6	1185737	Elbow 90°	2
7 •	1100770	Screw, Hex Hd. Cap 3/8-16 x 2-3/4	4
8 •	1100243	Washer, Lock 3/8	21
9	1186464	Connector	1
10	1729264	Tube Assembly, Suction	1
11	1724390	Elbow 90°	1
12	1730374	Washer, Shim (.005)	A/R
13	1730375	Washer, Shim (.015)	A/R
14	1729531	Gear, Bevel Pinion 18T	1
15	1729559	Spacer	1
16	1741832	Screw, Hex Hd. cap 1/4-20 x 5/8	1
17	1747086	Housing, Transaxle	1
18	1724093	Dipstick	1
19	1724091	Tube	1
20	1733103	Pin, Dowel 5/16	2
21 •	1186459	Nut, Hex Lock 5/16-18 Grade 8	4
22	1728645	Cover, Differential	1
23	1752093	Gear, Bevel 22T	2
24	1185732	Ring, Retaining	2
25	1727735	Bevel Gear, 56T, 24T and 23T	1
26	1110189	Pin, Dowel 3/8	6
27	1752095	Pinion	2
28	1118808	Ring, Retaining (1)	2
	1185668	Ring, Retaining (2)	2
29	1727641	Shaft, Pinion (1)	1
	1756741	Shaft, Pinion (2) (Includes Ref. 28)	1
30	1747087	Carrier Differential	1
31	1729260	Gear, Axle 47T	1
32	1733684	Screw, Flange 5/16-18 x	4
33	1719271	Shim (.020)	A/R
34	1747089	Spacer, Tubular	1
35	1185767	Race, Thrust	4
36	1185764	Bearing, Thrust	4
37	1185721	Bearing, Needle	3
38	1747092	Axle, R.H.	1
39	1100281	Key, Woodruff	2
40	1186010	Bearing, Needle	2
41	1186002	Race, Thrust	6
42	1747065	Gear Assembly, Cluster	1
43	1185296	Seal, Oil	1
44	1185280	Bearing, Needle	1
45	1751774	Pinion Shaft	1
46	1729555	Oil Seal	1
47	1725907	Bearing, Bronze	1
48	1725945	Planet Gear	4
49	1750139	Temp. Switch	1
50	1185774	Bearing, Needle	1
51	1747063	Cover, Transaxle R.H.	1
52 •	1100047	Screw, Hex Hd. Cap 3/8-16 x 1-1/2	17
53	1185301	Oil Seal	2
54	1747073	Cover, Transaxle L.H.	1
55	1747091	Axle, L.H.	1
56	1185739	Connector	2
57	1721921	Coupling	1
58 •	1186345	Flange Lock Screw 3/8-16 x 3/4	2
59	1185930	Pipe Plug	1
60	1724376	Shaft Seal	2
61	1724377	Grass Shield	1
62	1752622	Tube Ass'y, Filter to Valve	1
63	1705093	Shim (.028)	A/R
64	1187206	Needle Bearing	2
65	1718781	Shim (.005)	A/R
66	1726082	Pin	4
67	1744305	Internal Ring Gear	1
68	1725909	Sliding Gear	1
69	1725942	Planet Carrier	1
70	1726050	Thrust Washer	1
71	1186461	Retaining Ring	1
72	1753144	Shifter Shaft	1
73	1725912	Shifter Plate	1
74	1185389	Drive Pin	1
75	1730012	Screw, Counter Box 5/16-18 x 1	4
76	1726051	Positioning Ring	4
77	1724086	Gasket, Cover R.H.	1
NI	1728407	Sealant	A/R

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

(1) Models 5118HS & 5120H
Serial Numbers 0100101 thru 0299999

(2) Models 5118HS & 5120H
Serial Numbers 0300101 thru 0399999

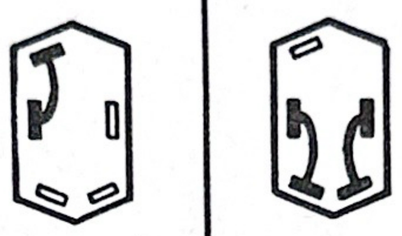
WIRING DIAGRAM



COLOR CODE

B - BLACK
P - PURPLE
R - RED
W - WHITE
Y - YELLOW
BR - BROWN
GR - GRAY
GN - GREEN
BL - BLUE
B/R - BLACK/RED
B/Y - BLACK/YELLOW
R/B - RED/BLACK
R/W - RED/WHITE
W/B - WHITE/BLACK
R/Y - RED/YELLOW
Y/B - YELLOW/BLACK

REAR VIEW OF ATTACHMENT DRIVE SWITCH



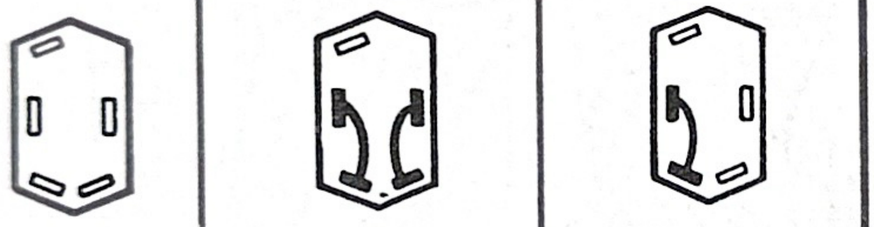
OFF	ON

REAR VIEW OF CRUISE SWITCH



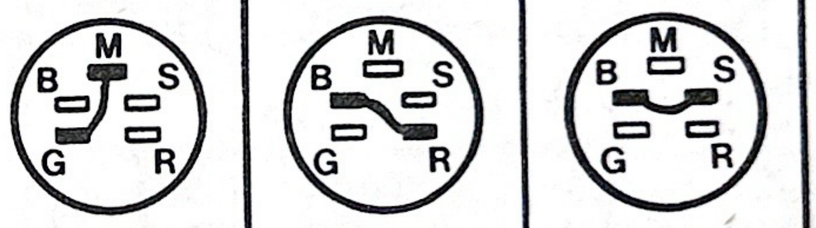
OFF	ON	RESET

REAR VIEW OF LIGHT SWITCH



OFF	ON SIDE AND HEADLIGHTS	ON HEADLIGHTS

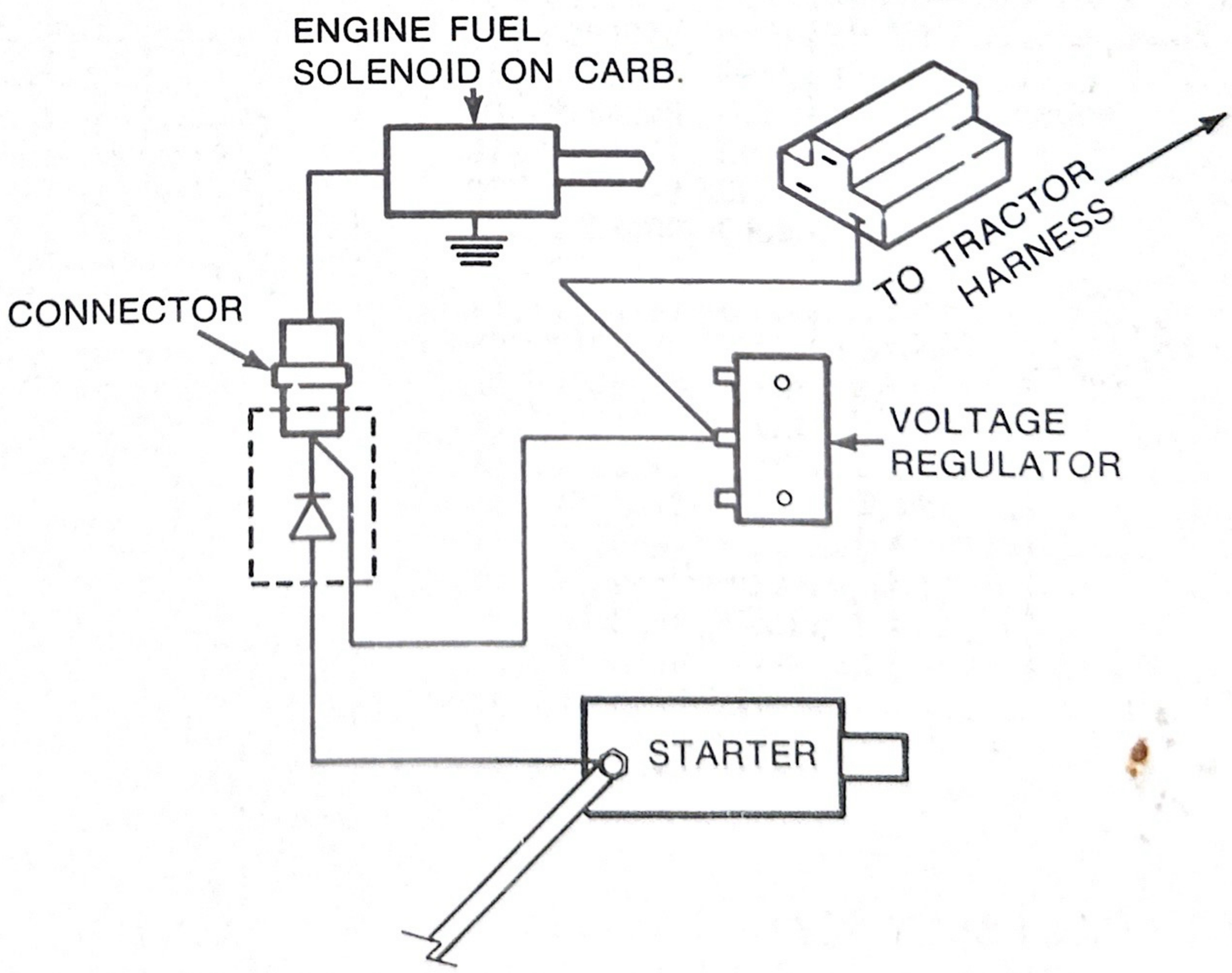
REAR VIEW OF IGNITION SWITCH



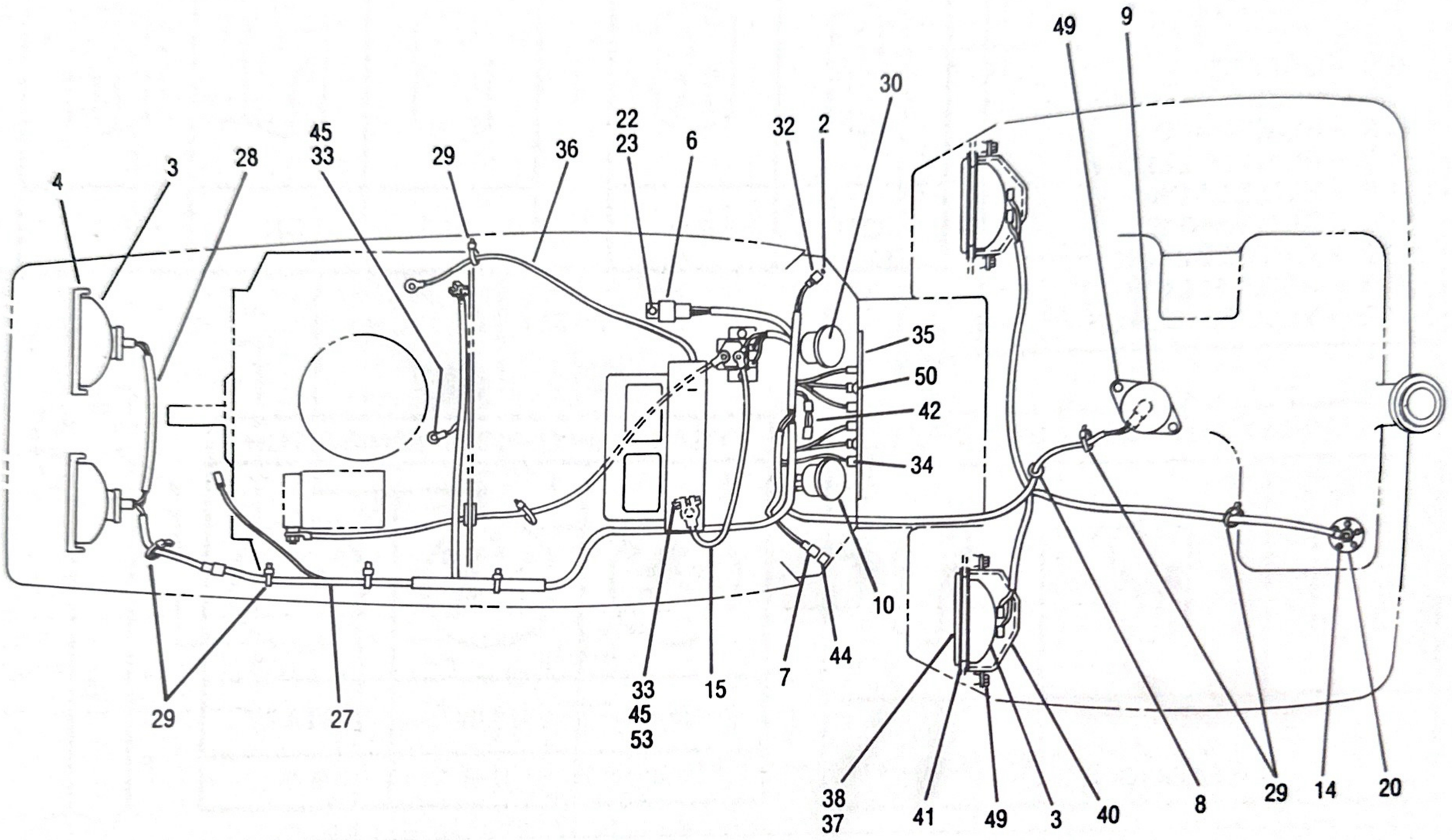
OFF	RUN	START
G-M	B-R	B-S

Fuel Shut-off Solenoid And Harness Supplied with Kohler Engine

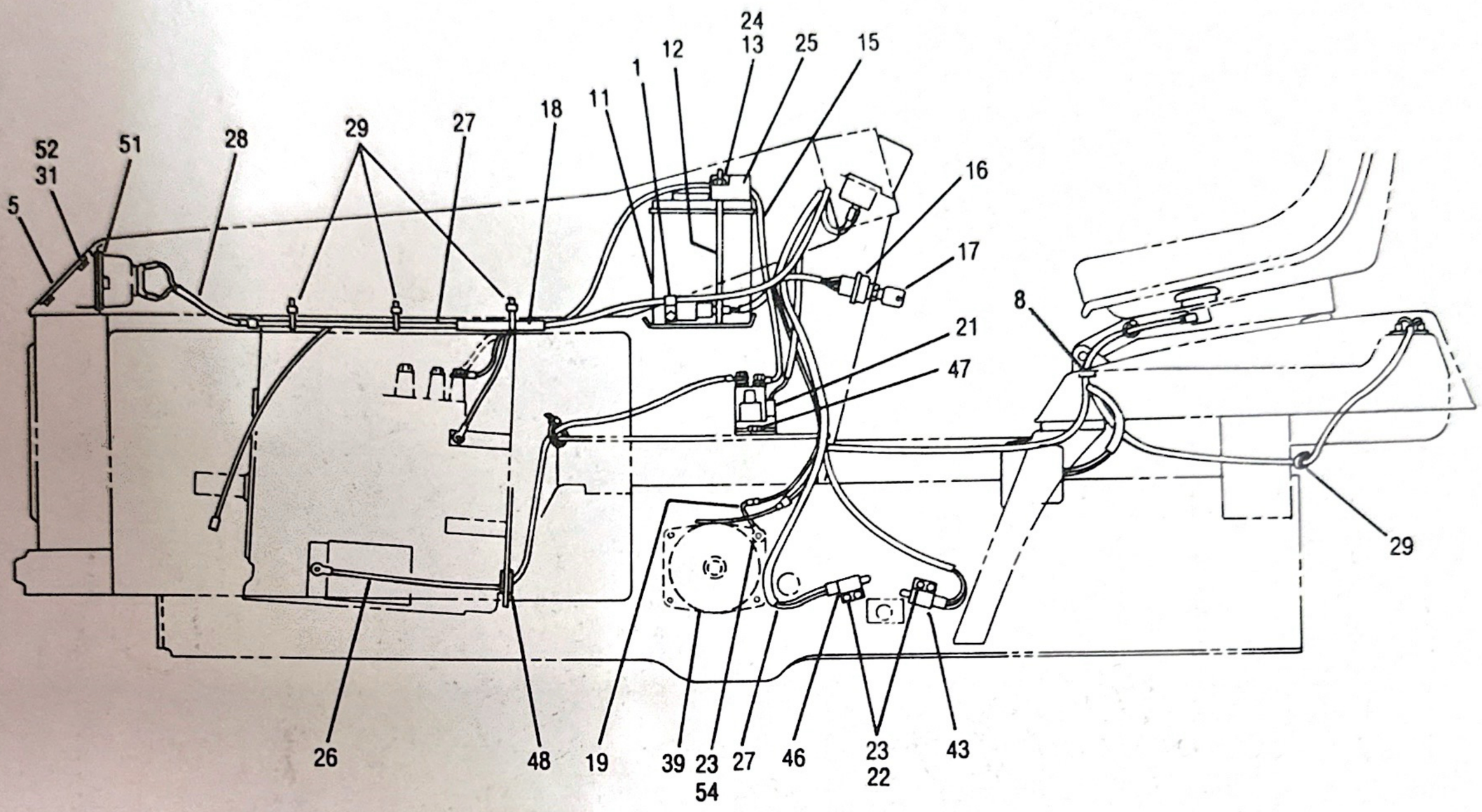
PURCHASE PARTS FROM KOHLER



Bolens Tractor



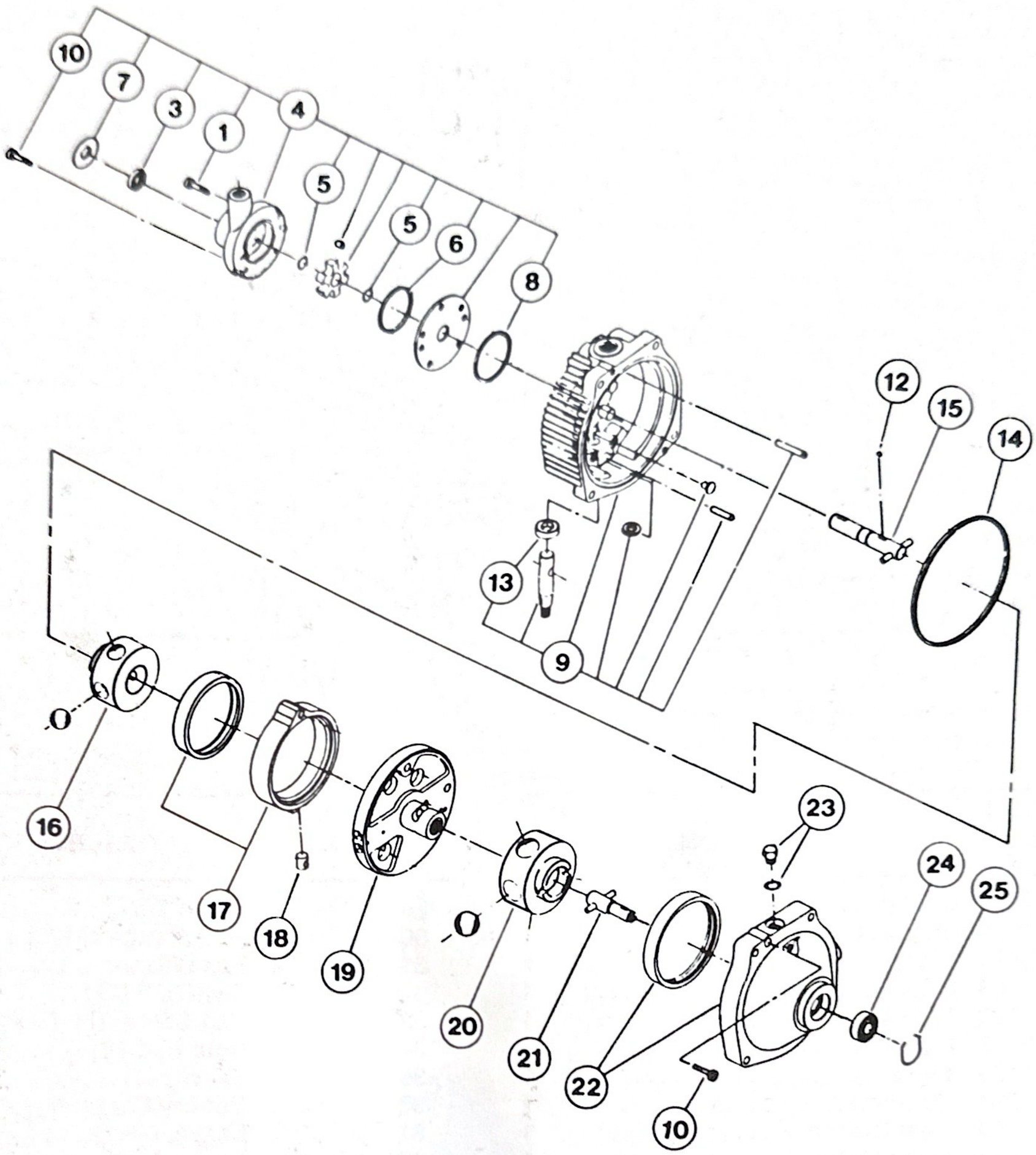
ELECTRICAL ASSEMBLY



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	1721252	J-Clip	1
2	1750963	Screw, 6-32 x 1/2	5
3	1752871	Light Assembly	4
4	1753788	Retainer	4
5	1754229	Lense	1
6	1749907	Relay	1
7	1754189	Light	1
8	1734934	Grommet	1
9	1752506	Seat Switch	1
10	1748719	Hour Meter	1
11	1752840	Battery, 12V	1
12	1753782	Hold Down	2
13 •	1107381	Flat Washer 1/4	2
14	1745778	Screw Rd Hd 10-32 x 1/2	5
15	1752841	Battery Cable-Positive	1
16	1754207	Ignition Switch	1
17	1753986	Ignition Key	1
18	1752408	Tube	1
19	1756032	Lead	1
20	1755868	Fuel Sender	1
21	1753539	Solenoid	1
22 •	1115815	Screw Phil Hd. 10-24 x 5/8	5
23 •	1185985	Keps Nut 10-24	6
24 •	1734398	Lock Nut 1/2-20	2
25	1755802	Battery Hold Down	1
26	1732581	Starter Cable	1
27	1755446	Main Harness	1
28	1752505	Headlight Harness	1

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
29	1735531	Cable Tie	11
30	1755647	Fuel Gauge (5120)	1
31	1805365	Flat Washer	2
32	1754608	Switch, PTO	1
33 •	1111599	Hex Screw 1/4-20 x 5/8	3
34	1751572	Bulb (GE 73)	AR
35	1752836	Lense	1
36	1754220	Battery Cable, Negative	1
37	1754241	Lense, L.H.	1
38	1754242	Lense, R.H.	1
39	1738462	Clutch	1
40	1754259	Shield Ass'y	2
41	1754191	Gasket	4
42	1752132	Voltage Sensor	1
43	1748723	Interlock Switch, Speed	1
44	1754607	Switch, Speed, Control	1
45 •	1100241	Flat Washer 1/4	3
46	1751328	Switch, Brake	1
47	1724492	Fl. Screw 1/4-20 x 1/2	2
48	1729587	Bushing Snap	1
49	1755349	Screw, 1/4-20 x 1/2	6
50 •	1186020	Thd. Cut Screw 6-32 x 3/8	2
51	1754194	Gasket	2
52	1731453	Pan Hd. Screw 8-18 x 3/8	
53 •	1186229	Hex Nut 1/4-20	
54	1185130	Screw	
NI	1743516	Fuse (30A)	

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



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1		Socket Hd. Capscrew 5/16-18 x 1-3/4 (Incl. with Ref. No. 4)	1
3	1724376	Oil Seal (Incl. with Ref. No. 4)	1
4	1744188	Charge Pump Kit (Incl. Ref. Nos. 1, 3, 5, 6, 7, 8, 10 & 12)	1
5	1724375	Snap Ring (Incl. with Ref. No. 4)	1
6	1744155	Sq. Seal Ring (Incl. with Ref. No. 4)	1
	1724377	Grass Shield (Incl. with Ref. No. 4)	1
8	4157	Sq. Seal Ring (Incl. with Ref. No. 4)	1
9	4154	Cover Sub Ass'y (Incl. Ref. No. 13)	1
		Socket Hd. Capscrew 5/16-18 x 1-1/4 (Incl. with Ref. No. 4)	1

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
12	1744159	Drive Pin (Incl. Ref. No. 4)	1
13	1724376	Oil Seal (Incl. Ref. No. 9)	1
14	1744185	Square Seal Ring	1
15	1744160	Input Shaft Sub Ass'y (Keyed)	1
16	1744164	Pump Rotor & Ball Assembly	1
17	1744184	Cam Ring Assembly	1
18	1744176	Cam Ring Insert	1
19	1744166	Pintle Assembly (Incl. Internal Parts)	1
20	1744177	Motor Rotor & Ball Sub Assembly	1
21	1744010	Output Shaft Sub Ass'y	1
22	1744180	Body Ass'y (Incl. Ref. Nos. 21, 24, 25)	1
23	1744179	O-Ring Plug Sub Ass'y	1
24	1104440	Ball Bearing (Output)	1
25	1724380	Retaining Ring	1

 Common Hardware - Purchase Locally (Grade 5 where applicable)