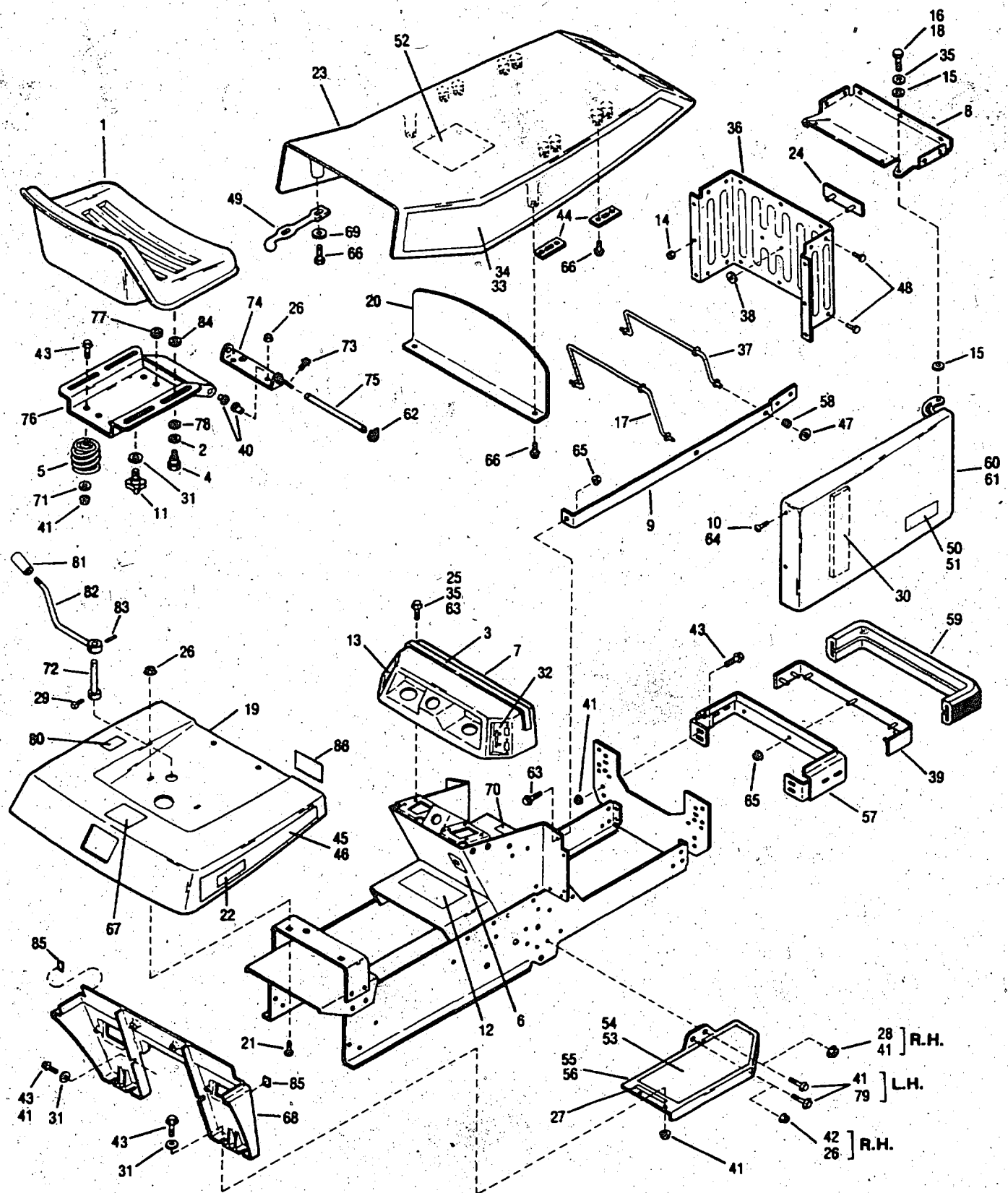


# BOLENS DURATRAC TRACTOR



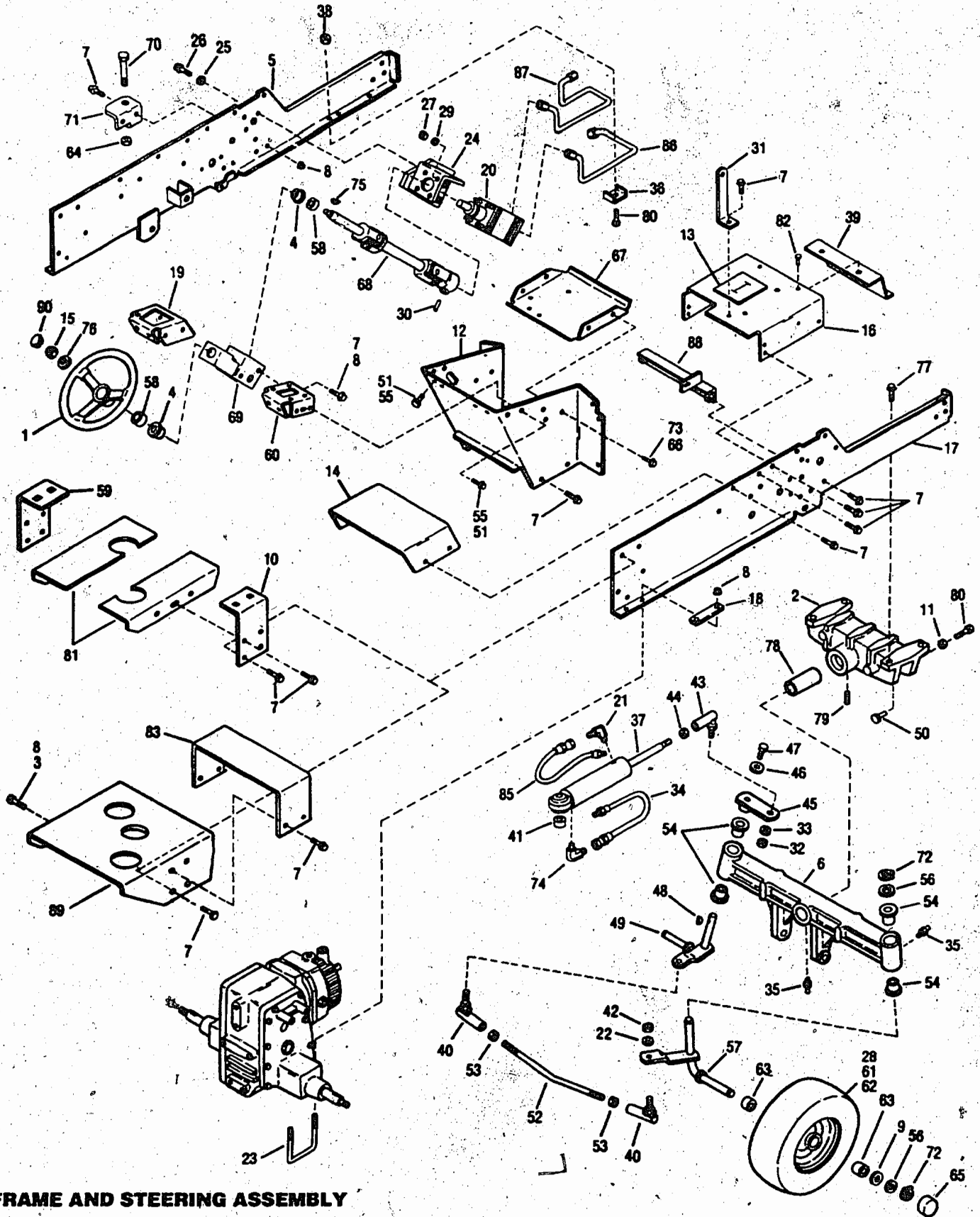
**BODY WORK AND TRIM ASSEMBLY**

# MODEL 5118HS & 5120H

Ref #	Part #	Description	Qty.	Ref #	Part #	Description	Qty.
1	1755490	Seat .....	1	43	1186347	Fl.Lock Screw, 3/8-16 x 1.....	12
2	1705793	Nylon Washer.....	2	44	1752902	Hinge Link Retainer.....	4
3	1755516	Hood Pad.....	1	45	1754624	Fender Decal R.H.....	1
4	1754125	Shoulder Bolt.....	2	46	1754623	Fender Decal L.H.....	1
5	1755449	Spring.....	2	47	1753799	Retainer.....	4
6	1755503	Decal, Ignition.....	1	48	1739918	Pop Rivet.....	14
7	1755413	Instrument Panel.....	1	49	1727127	Latch.....	2
8	1755628021	Grille Cap.....	1	50	1755032	Decal, Side Cover L.H.....	1
9	1753783021	Grille Support.....	2	51	1755031	Decal, Side Cover R.H.....	1
10	1185986	Nut, Keps 10-24.....	4	52	1753425	Instr. Decal, Service.....	1
11	1734269	Knob.....	2	53	1752893	Foot Rest Pad L.H.....	1
12	1755500	Instruction Decal (1) (2).....	1	54	1752894	Foot Rest Pad R.H.....	1
	1764352	Instruction Decal (3).....		55	1752250040	Foot Rest L.H.....	1
13	1753454	Decal, Choke.....	1	56	1752251040	Foot Rest R.H.....	1
14	1185985	Nut, Keps, 10-24.....	6	57	1752181040	Grille Support Assembly.....	1
15	1755714	Washer, Nylon.....	4	58	1753792	Grommet.....	4
16	1100805	Hex Screw, 1/4-20 x 3/4.....	2	59	1755518	Bumper.....	1
17	1752901	Hinge Link.....	1	60	1755496021	Side Cover Ass'y, L.H.....	1
18	1734398	Lock Nut, 1/4-20.....	2	61	1755498021	Side Cover Ass'y, R.H.....	1
19	1749821040	Fender.....	1	62	1185257	Retaining Ring.....	2
20	1752903021	Hood Baffle.....	1	63	1186309	Fl. Lock Screw, 1/4-20 x 5/8.....	6
21	1736098	Carr. Bolt, 5/16-18 x 3/4.....	4	64	1115815	Screw, 10-24 x 5/8.....	4
22	1754631	Model Decal (5120).....	2	65	1186389	Fl. Lock Nut, 1/4-20.....	9
	1754630	Model Decal (5118).....	2	66	1185130	Screw, 10-24 x 3/4.....	12
23	1752142	Hood.....	1	67	1754519	Decal, Fuel Fill.....	1
24	1753939	Logo Plate.....	1	68	1749074040	Supp. Running Board.....	1
25	1186389	Fl. Lock Nut, 1/4-20.....	4	69	1736359	Flat Washer, #10.....	2
26	1186391	Fl. Lock Nut, 5/16-18.....	5	70	1754143	Decal, Warning.....	1
27	1755522	Cushion.....	2	71	1701055	Flat Washer, 3/8.....	2
28	1100068	Hex Screw, 3/8-16, x 1.....		72	1756204	Shaft Ass'y, Shift.....	1
29	1738845	Sq. Hd. Set Screw, 1/4-20 x 1/2 (5120H only).....	1	73	1186329	Fl. Lock Screw, 5/16-18 x 3/4.....	2
30	1753950	Sealing Block.....	2	74	1755456001	Seat Pivot Bracket.....	1
31	1100256	Flat Washer, 3/8.....	8	75	1755622	Rod.....	1
32	1753413	Throttle Decal.....	1	76	1755620001	Seat Support Assembly.....	1
33	1754621	Hood Decal, L.H.....	1	77	1755487	Grommet.....	1
34	1754622	Hood Decal, R.H.....	1	78	1706782	Wave Washer.....	2
35	1107381	Flat Washer 1/4.....	8	79	1186345	Fl. Screw 3/8-16 x 3/4.....	2
36	1755515021	Grille Screen.....	1	80	1755502	Decal, 2-Speed (5120H only).....	1
37	1752900	Hinge Link.....	1	81	1755473	Control Knob (5120H only).....	1
38	1754126	Push Nut.....	2	82	1756510	Lever Ass'y (5120H only).....	1
39	1755517	Bumper Strap.....	1	83	1120210	Roll Pin, 3/16 x 1 (5120H only).....	1
40	1755779	Bushing.....	4	84	1893445	Washer (2) (3).....	2
41	1186393	Fl. Lock Nut, 3/8-16.....	19	85	1761008	Rubber Button.....	2
42	1185872	Truss Screw, 5/16-18 x 1.....	1	86	1900333	Decal, Made in USA.....	1

- (1) Model 5118HS      Serial Number 0100101-0199999  
 Model 5120H      Serial Number 0200101-0299999
- (2) Model 5118HS      Serial Number 0200101-0299999  
 Model 5120H      Serial Number 0300101-0399999
- (3) Model 5118HS      Serial Number 0300101-0399999  
 Model 5120H      Serial Number 0400101-0499999

# BOLENS DURATRAC TRACTOR



**FRAME AND STEERING ASSEMBLY**

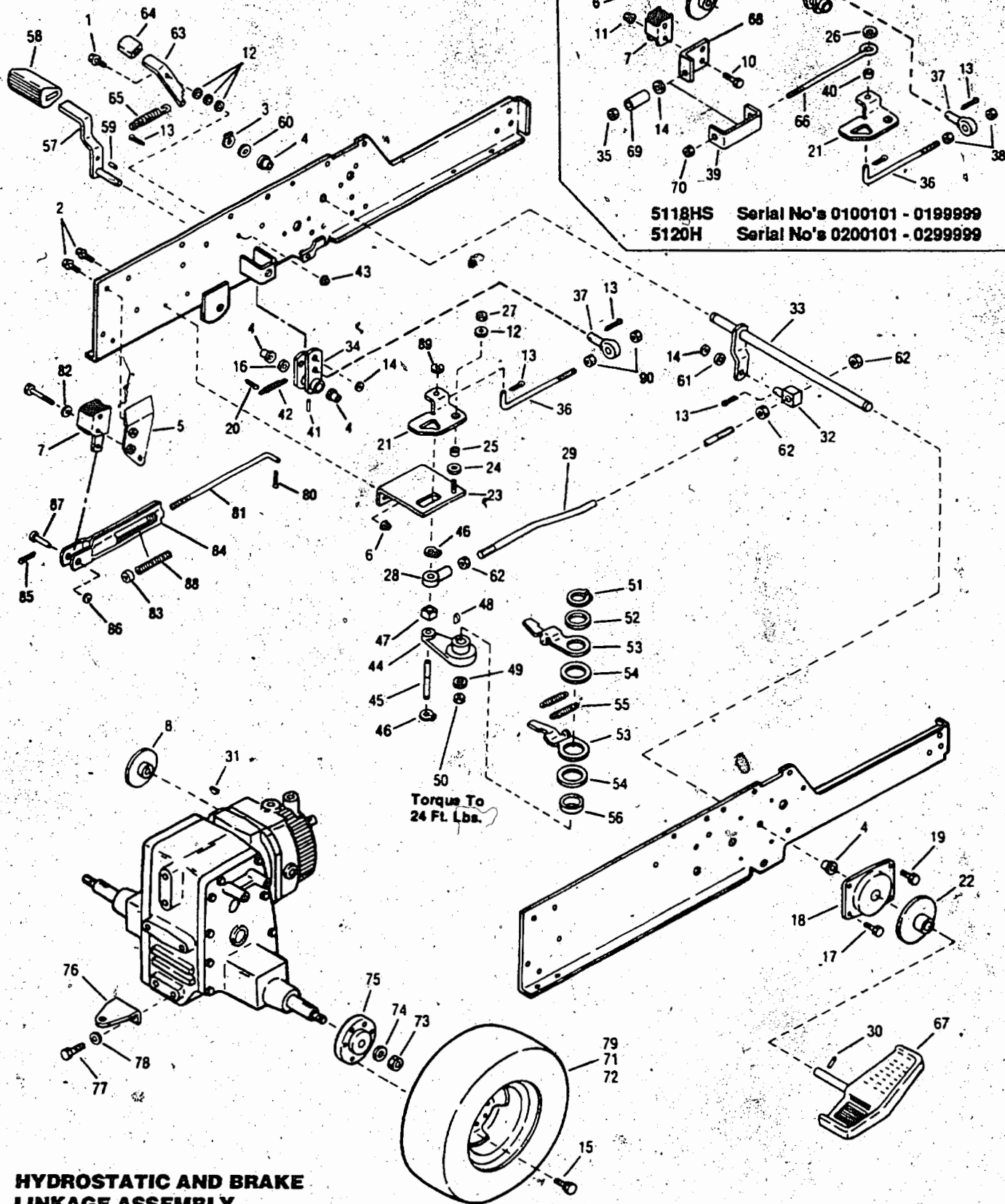
# MODEL 5118HS & 5120H

Ref #	Part #	Description	Qty.	Ref #	Part #	Description	Qty.
1	1754240	Wheel, Steering	1	46	1186033	Flat Washer, 5/16	1
2	1754321021	Bolster	1	47	1186329	Fl. Screw, 5/16-18 x 3/4	1
3	1186347	Fl. Screw 3/8-16 x 1	6	48	1186034	Woodruff Key, 1/4 x 7/8	1
4	1185632	Bearing, Steering	2	49	1752518	Spindle Ass'y L.H. Wheel	1
5	1755513021	Frame Ass'y, L.H.	1	50	1751219	Weld Pin	2
6	1752521021	Front Axle (1)	1	51	1185872	Screw, Truss Hd., 5/16-18 x 5/8	6
	1757627	Front Axle (2) (3)	1	52	1746138	Tie Rod	1
7	1186345	Fl. Screw, 3/8-16 x 3/4	17	53	1186247	Hex Nut 1/2-20	2
8	1186393	Fl. Nut, 3/8-16	14	54	1752556	Fl. Bearing	4
9	1715491	Thrust Washer	2	55	1186391	Fl. Nut, 5/16-18	6
10	1749843021	Support R.H. (1)	1	56	1703073	Washer	3
11	1186258	Jam Nut, 5/16-18	2	57	1752520	Spindle Ass'y R.H. Wheel	1
12	1755514021	Instr. Panel Support	1	58	1800417	Locking Collar	2
13	1755231	Seal (A) (B)	1	59	1755481021	Support Fender, L.H. (A)	1
	1755780	Seal (C) (3)	1	60	1753777021	Steering Bracket	1
14	1752732021	Tunnel Ass'y	1	61	1744372	Wheel Ass'y (A)	2
15	1110108	Nut, Lock, 3/8-16	1		1756525	Wheel Ass'y (B) (C) (3)	2
16	1755241021	Support Ass'y Battery & Fuel Tank (A) (B)	1	62	1742927	Tire, 16x6.50-8 (1) (2)	2
	1752179021	Support Ass'y Battery & Fuel Tank (C) (3)	1		1764745	Tire, 16x6.50-8 (3)	2
17	1752634021	Frame Ass'y, R.H.	1	63	1744375	Ball Bearing (A)	4
18	1730692021	Doubler, Rear	2		1756524	Ball Bearing (B) (C) (3)	4
19	1755461021	Steering Bracket	1	64	1110112	Hex Nut 5/8-11	1
20	1752496	Steering Valve (1) (2)	1	65	1744396	Dust Cap	2
	1760233	Steering Valve (3)	1	66	1186308	Fl. Screw 1/4-20 x 1/2	4
21	1756142	Elbow, 90°	1	67	1752733021	Battery Carrier	1
22	1100245	Washer, Lock, 1/2	2	68	1752222	Steering Shaft Ass'y	1
23	1727898	"U" Bolt	2	69	1753773	Steering Support, Upper	1
24	1752763021	Steering Pump Support	1	70	1107073	Hex Screw 5/8-11 x 3	1
25	1100244	Lock Washer, 7/16	3	71	1751629021	Cylinder Bracket	1
26	1747656	Hex Screw, 7/16-14 x 1	3	72	1185689	Retaining Ring	3
27	1186211	Hex Nut, 5/16-24	4	73	1186389	Fl. Nut 1/4-20	4
28	1718086	Valve	2	74	1185739	Elbow, 90°	1
29	1100242	Lock Washer, 3/8	4	75	1104436	Woodruff Key, 3/16 x 3/4	1
30	1185348	Roll Pin, 1/4 x 1-1/4	1	76	1107383	Flat Washer, 3/8	1
31	1756150021	Steering Brace	1	77	1186347	Fl. Screw 3/8-16 x 1 1/4	14
32	1186216	Hex Nut 5/8-18	1	78	1744374	Tube Pivot	1
33	1100247	Lock Washer, 5/8	1	79	1733103	Roll Pin 5/16 x 3/4	1
34	1754364	Hose Ass'y	1	80	1100045	Hex Hd. Screw 5/16-18 x 1	3
35	1185976	Fitting, Grease Thd. Form	3	81	1749075021	Fuel Tank Support (A)	2
36	1722667	Clamp	1	82	1185879	Pop Rivet (A) (B)	2
37	1751627021	Cylinder	1	83	1756513021	Fender Support (B) (C)	1
38	1732499	Lock Nut, 5/16-18	1	84	1752694	Trim	2
39	1753851021	Air Shield (A) (B)	1	85	1752649	Hose Ass'y	1
40	1713361	Ball Joint	2	86	1752658	Tube Ass'y (Cyl. to R.T.) (1) (2)	1
41	1863072	Sleeve	1		1760352	Tube Ass'y (Cyl. to R.T.) (3)	1
42	1110152	Lock Nut, 1/2-20	2	87	1752657	Tube Ass'y (Cyl. to L.T.) (1) (2)	1
43	1719003	Ball Joint	1		1760351	Tube Ass'y (Cyl. to L.T.) (3)	1
44	1186249	Hex Nut, 5/8-18	1	88	1755200001	Support, Frame Ass'y	1
45	1752797021	Steering Arm Ass'y	1	89	1756512021	Fuel Tank Support (B) (C)	1
				90	1758243	Cap	1

- (1) Model 5118HS Serial Number 0100101-0199999
- Model 5120H Serial Number 0200101-0299999
- (2) Model 5118HS Serial Number 0200101-0299999
- Model 5120H Serial Number 0300101-0399999
- (3) Model 5118HS Serial Number 0300101-0399999
- Model 5120H Serial Number 0400101-0499999

- 5120H
- (A) Serial Number 0200101 - 0200613
- (B) Serial Number 0200614 - 0299999
- 5118HS
- (C) Serial Number 0100101 - 0199999

# BOLENS DURATRAC TRACTOR



**HYDROSTATIC AND BRAKE LINKAGE ASSEMBLY**

# MODEL 5118HS & 5120H

Ref #	Part #	Description	Qty.	Ref #	Part #	Description	Qty.
1	1186347	Screw, Hex Hd. Flange Lock, 3/8-16 x 1	1	43	1733398	Locknut, 3/8-16	1
2	1186345	Screw, Hex Hd. Flange Lock, 3/8-16 x 3/4	6	44	1722151	Arm, Speed Control	1
3	1118808	Ring, Retainer	1	45	1734563	Pin, Control	1
4	1185802	Bearing, Flange	4	46	1118802	Ring, Retaining	2
5	1747060	Bracket, Transmission Support (1)	1	47	1720699	Block, Cushion	1
	1757390021	Bracket, Transmission Support (2) (3)	1	48	1104435	Key, Woodruff	1
6	1186393	Nut, Hex Flange Lock 3/8-16	4	49	1107385	Washer, Flat, 1/2	1
7	1763497	Brake Assembly, Mechanical	1	50	1110110	Nut, Hex, 1/2-13	1
8	1747055	Disc Assembly, Brake (5120) (1)	1	51	1185732	Ring, Retaining	1
	1756816	Disc Assembly, Brake (5120) (2) (3)	1	52	1720529	Washer, Thrust	1
	1729273	Disc Assembly, Brake (5118) (1)	1	53	1720523	Arm, Neutralizer	2
	1758018	Disc Assembly, Brake (5118) (2) (3)	1	54	1720361	Washer, Thrust	2
10	1100805	Screw, Hex Hd. Cap, 1/4-20 x 3/4 (1)2	1	55	1720928	Spring, Extension	2
11	1186389	Nut, Hex Flange Lock, 1/4-20 (1)	2	56	1720706	Bearing	1
12	1107383	Flat Washer, 3/8	4	57	1755510	Pedal Assembly, Brake	1
13	1100346	Pin, Cotter 3/32 x 3/4	4	58	1728694	Foot Rest	1
14	1107382	Washer Flat, 5/16	3	59	1120209	Pin, Roll, 3/16 x 3/4	1
15	0101085	Bolt Hub	10	60	1715301	Thrust Washer	A/R
16	1716495	Spacer (1)	1	61	1705108	Washer	2
17	1738463	Thd. Form Screw	2	62	1186246	Nut, Hex 7/16-20	3
18	1738462	Clutch	1	63	1729683021	Lock, Brake	1
19	1185130	Screw, Sems, 10-24 x 3/4	1	64	1734553	Grip	1
20	1100350	Cotter Pin, 1/8 x 1	1	65	1726640	Spring, Extension	1
21	1729213	Plate, Neutral	1	66	1747495	Brake Rod (1)	1
22	1738447	Speed Control Disc	1	67	1754597021	Foot Pedal	1
23	1729445	Support Assembly, Neutral Plate	1	68	1747496	Ext. Brake Arm (1)	1
24	1703052	Washer, Flat	1	69	1747494	Sleeve (1)	1
25	1732369	Spacer, Tubular	1	70	1110107	Lock Nut, 5/16-18 (1)	1
26	1107388	Fl. Washer	1	71	1732926	Tire, 23 x 10.50 x 12 (1) (2)	2
27	1110108	Nut, Hex Lock, 3/8	1		1764747	Tire, 23 x 10.5 x 12 (3)	2
28	1721612	Rod End	1	72	1718086	Valve Stem	2
29	1747514	Rod, Speed Control	1	73	1120390	Hex Nut, 3/4-10	2
30	1185232	Pin Roll, 1/8 x 1-1/4	1	74	1708599	Spacer	2
31	1104436	Woodruff Key	1	75	1747088	Wheel Hub (5120H Only)	2
32	1734827	Swivel (1)	1		1726679	Wheel Hub (5118HS Only)	2
	1751848	Swivel (2) (3)	1	76	1724698021	Drawbar Hitch	1
33	1754085	Shaft Assembly, Speed Control	1	77	1100055	Hex Screw, 1/2-13 x 1-1/4	2
34	1753139	Arm Assembly (1)	1	78	1100245	Lock Washer, 1/2	2
	1756812	Arm Assembly (2) (3)	1	79	1724718	Rim Assembly	2
35	1186230	Jam Nut, 5/16-18 (1)	1	80	1100349	Cotter Pin, 1/8 x 3/4 (2) (3)	1
36	1755509	Rod, Brake Control (1)	1	81	1757504	Rod, Brake (2) (3)	1
	1759491	Rod, Brake Control (2) (3)	1	82	1100243	Washer, Lock (2) (3)	2
37	1747507	Block, Pivot	1	83	1757246	Nut, Special (2) (3)	1
38	1186258	Nut, Hex Jam, 3/8-16	2	84	1757503	Yoke Assy (2) (3)	1
39	1748372	Brake Return (1)	1	85	1187385	Cotter Pin, 1/16 x 1/2 (2) (3)	1
40	1747497	Spacer (1)	1	86	1107387	Washer, Flat, 1/4 (2) (3)	1
41	1732147	Pin, Drive Lock	1	87	1757599	Pin, Clevis (2) (3)	1
42	1700401	Spring, Extension (1)	1	88	1757501	Spring, Comp. (2) (3)	1
	1746769	Spring, Extension (2) (3)	1	89	1100254	Washer, Flat (2) (3)	1
				90	1186259	Jam Nut, 3/8-16	2

(1) Model 5118HS  
Model 5120H

Serial Number 0100101-0199999  
Serial Number 0200101-0299999

(3) Model 5118HS  
Model 5120H

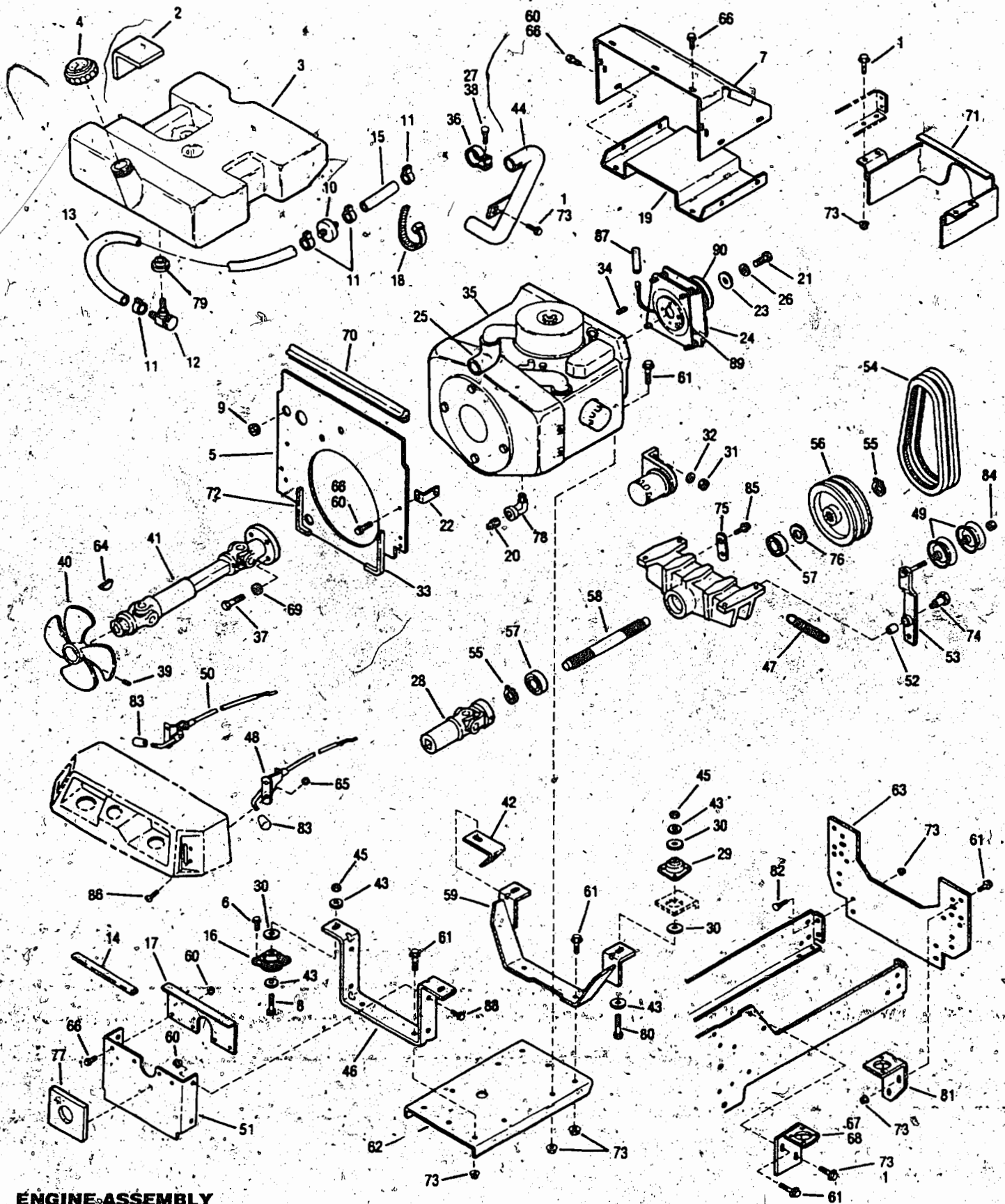
Serial Number 0300101-0399999  
Serial Number 0400101-0499999

(2) Model 5118HS  
Model 5120H

Serial Number 0200101-0299999  
Serial Number 0300101-0399999



# BOLENS DURATRAC TRACTOR



ENGINE ASSEMBLY

# MODEL 5118HS & 5120H

Ref #	Part #	Description	Qty.	Ref #	Part #	Description	Qty.
1	1186345	Fl. Screw, 3/8-16 x 3/4	7	45	1733398	Hex Locknut, 3/8-16	4
2	1749079	Fuel Tank Pad	2	46	1750828021	Rear Mount Support	1
3	1755888	Fuel Tank (Incl. Ref.#4, 12 & 79)	1	47	1724822	Ext. Spring	1
4	1755726	Fuel Tank Cap	1	48	1755720	Throttle Control	1
5	1752713021	Heat Shield Ass'y	1	49	1751716	Idler Pulley (1)	2
6	1185712	Screw, Thd. Clt., 10-24 x 1/2	8		1756757	Idler Pulley (2) (3)	2
7	1753985021	Heat Shield Ass'y	1	50	1755721	Choke Control	1
8	1100049	Hex Hd. Screw, 3/8-16 x 2-1/4	2	51	1752726021	Shield, Lower Grass	1
9	1729587	Snap Bushing	1	52	1892945	Bushing	1
10	1727491	Fuel Line Filter	1	53	1751719001	Idler Arm Ass'y (1)	1
11	1750687	Hose Clamp	4		1756788001	Idler Arm Ass'y (2) (3)	1
12	1747184	Shut Off Valve	1	54	1742628	PTO Belt (Matched Set of 2)	1
13	1735561	Fuel Line	1	55	1185689	Snap Ring	2
14	1755536	Heat Shield Gasket	1	56	1744379	PTO Sheave	1
15	1734941	Fuel Line	1	57	1725087	Ball Bearing	2
16	1725856	Rear Mount	2	58	1755219	PTO Shaft	1
17	1752725021	Upper Grass Shield	1	59	1756541021	Front Mount Supp	1
18	1735531	Cable Tie	2	60	1186389	Fl. Nut, 1/4-20	16
19	1753913001	Heat Shield Ass'y	1	61	1186347	Fl. Screw 3/8-16 x 1	14
20	1105678	Plug, Pipe	1	62	1744408021	Engine Mount	1
21	1736485	Hex Hd. Screw, 7/16-20 x 1-1/4	1	63	1752665021	Front Plate	1
22	1752714021	Heat Shield Bracket	4	64	1185885	Woodruff Key 3/16 x 5/8	1
23	1741801	Washer	1	65	1185985	Keps Nut, 10-24	4
24	1747059	Clutch Ass'y (5120H)	1	66	1186308	Fl. Screw, 1/4-20x 1/2	19
	1744401	Clutch Ass'y (5118HS)	1	67	1750835021	Hanger Ass'y, R.H.	1
25	1752468	Hose, Air Cleaner	1	68	1750834021	Hanger Ass'y, L.H.	1
26	1100244	Lock Washer, 7/16	1	69	1100243	Lock Washer, 3/8	4
27	1110107	Hex Nut, 5/16-18	1	70	1752791	Heat Shield Gasket	1
28	1760049021	Universal Joint Ass'y	1	71	1756157021	PTO Guard Ass'y	1
NI	1714208	Repair Cross Kit (for ref. 28)	1	72	1755534	Seal, L.H.	1
29	1738010	Front Mount	2	73	1186393	Fl. Nut, 3/8-16	26
30	1186047	Flat Washer, 3/8 x 1-3/8	A/R	74	1754322	Shoulder Bolt	1
31	1732499	Lock Nut, 5/16-18 (1)	2	75	1744451001	Anchor, Spring	1
32	1107382	Flat Washer, 5/16 (1)	2	76	1703073	Flat Washer	A/R
33	1755535	Seal, R.H.	1	77	1754644	Seal, Drive Shaft	1
34	1708034	Key, 1/4 x 1/4 x 1/2	1	78	1743683	Elbow, 45°	1
35		Kohler Engine 20 HP (Model KT200S 49540) (All 5120H Models)	1	79	1738433	Rubber Bushing (3)	1
		(Model M20QS 49565)	1	80	1110644	Hex Screw, 3/8-16 x 3-1/4	2
		Kohler Engine 18 HP (Model M18QS-24999) (All 5120 Models)	1	81	1752746021	Engine Supp	2
36	1752790	Muffler Clamp	1	82	1739656	Carr. Bolt, 3/8-16 x 3/4	4
37	1100046	Hex Screw, 3/8-16 x 1	4	83	1755412	Knob	2
38	1186102	Carr. Bolt, 5/16-18 x 1-1/4	2	84	1186259	Nut, Jam, 3/8-16	1
39	1737419	Set Screw, 5/16-18 x 3/4	2	85	1186329	Fl. Screw, 5/16-18 x 3/4	1
40	1746503	Fan	1	86	1750962	Screw, 10-24 x 5/8	4
41	1750338	Drive Shaft	1	87	1759382	Insulator	1
42	1753915021	Exhaust Pipe Bracket	1	88	1186309	Fl. Screw, 1/4-20 x 5/8	4
43	1701055	Flat Washer, 3/8	8	89	1754151	Field Coil, for ref. 24 (not available for clutch P/N 1745059)	1
44	1753914021	Exhaust Pipe	1	90	1754152	Bearing (for ref. 24)	1

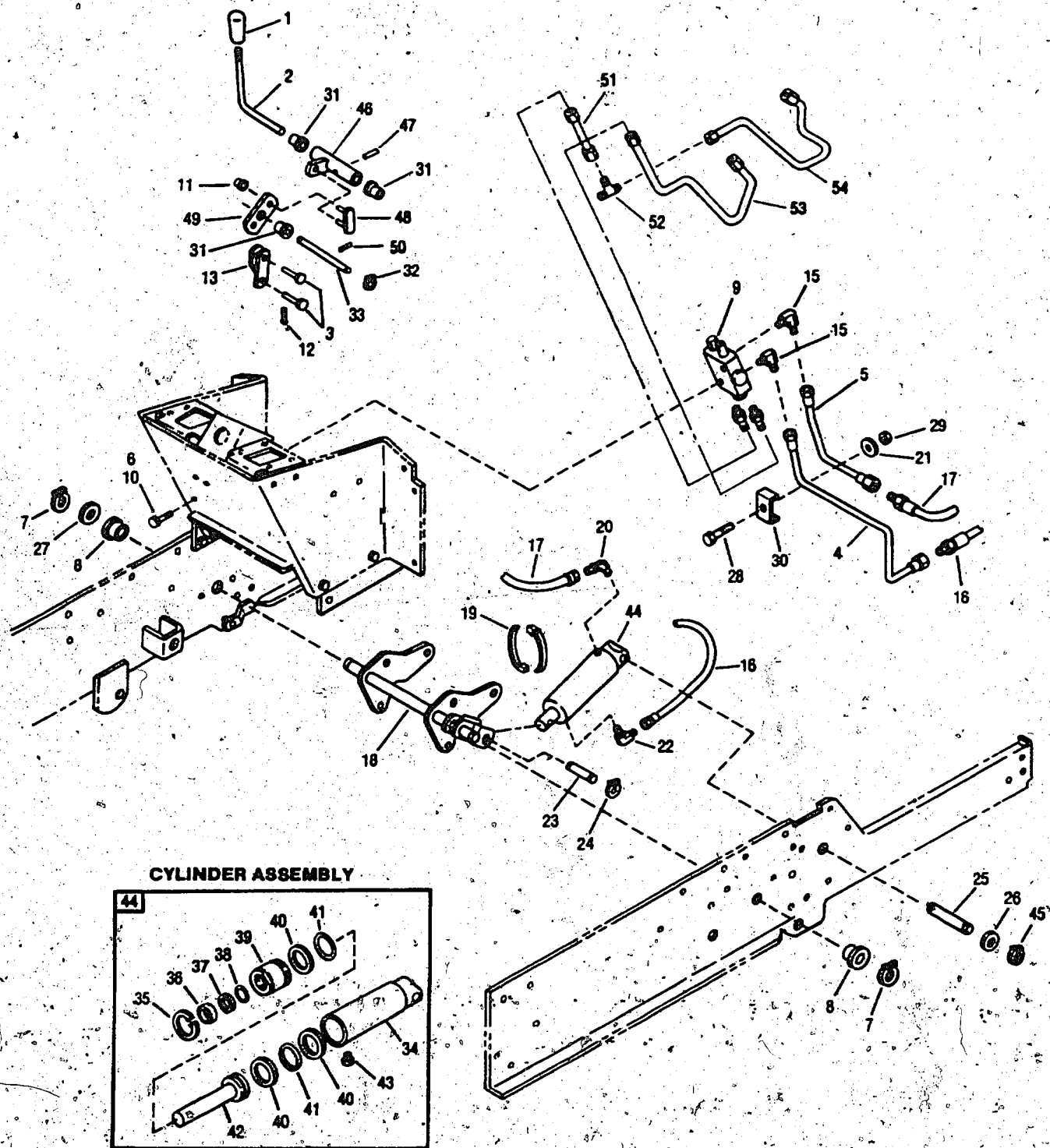
(1) Model 5118HS Serial Number 0100101-0199999  
 Model 5120H Serial Number 0200101-0299999

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

(3) Model 5118HS Serial Number 0300101-0399999  
 Model 5120H Serial Number 0400101-0499999



# BOLENS DURATRAC TRACTOR

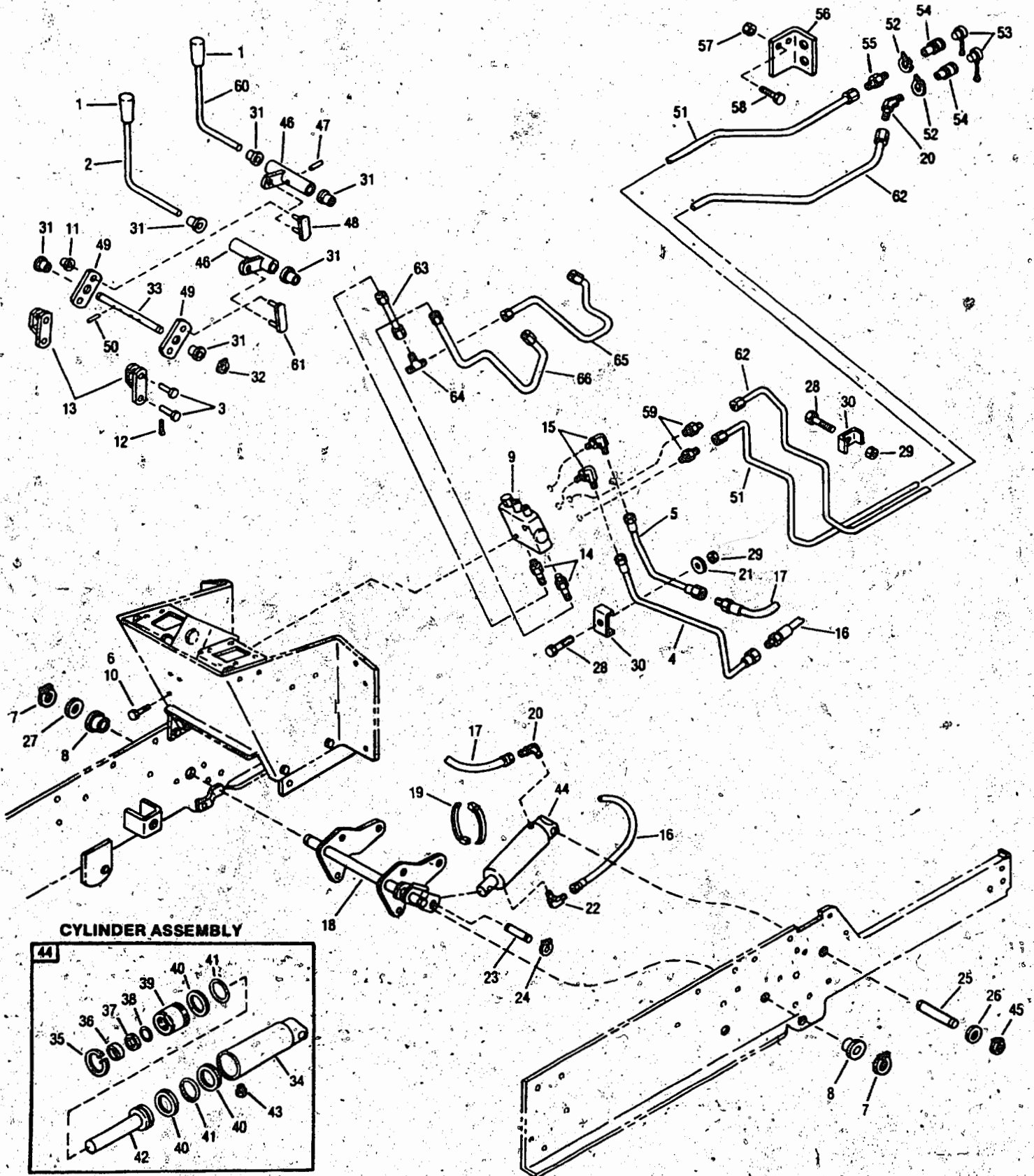


# MODEL 5118HS

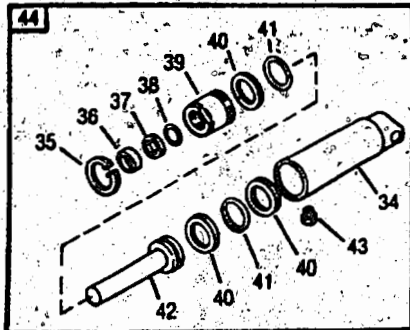
Ref #	Part #	Description	Qty.	Ref #	Part #	Description	Qty.
1	1755473	Grip.....	1	29	1732499	Lock Nut, 5/16-18.....	1
2	1755460	Lift Lever.....	1	30	1722667	Tube Clamp.....	1
3	1755559	Clevis Pin.....	2	31	1737018	Flange Bearing.....	1
4	1755232	Tube Ass'y, Upper Valve.....	1	32	1185427	Retaining Ring.....	1
5	1755233	Tube Ass'y, Lower Valve.....	1	33	1755458	Pivot Pin.....	1
6	1186316	Hex Screw, 1/4-20 x 1-3/4.....	2	34	1729388	Tube Assembly, Hydro Cylinder.....	1
7	1118554	Retaining Ring.....	2	35	1118735	Ring, Internal Retaining.....	1
8	1185728	Bushing.....	2	36	1185266	Seal, Oil.....	1
9	1752667	Lift & Aux. Valve (1) (2).....	1	37	1186019	Ring, Back Up.....	1
	1760231	Lift & Aux. Valve (3).....	1	38	1177395	O-Ring.....	1
NI	1751209	Replacement Seal Kit.....	1	39	1724511	Head, Cylinder.....	1
10	1186389	Fl. Nut, 1/4-20.....	2	40	1186018	Ring, Back Up.....	1
11	1728072	Push Nut 1/4.....	2	41	1186017	O-Ring.....	1
12	1187385	Cotter Pin, 1/16 x 1/2.....	2	42	1747043	Rod Assembly Hydraulic Cylinder.....	1
13	1755468	Valve Link Ass'y.....	1	43	1186278	Plug, Pipe.....	1
14	1752690	Connector (Long).....	2	44	1747509021	Cylinder Assembly, Hydraulic (Inc. Ref. No. 34 thru 43).....	1
15	1185737	Elbow 90°.....	2	45	1113527	Ring, Retaining.....	1
16	1752648	Hose Ass'y.....	1	46	1755472	Control Arm Ass'y.....	1
17	1755198	Hose Ass'y, Cylinder.....	1	47	1713457	Drive Pin.....	1
18	1747510	Shaft Ass'y, Lift.....	1	48	1755464	Control Link Ass'y.....	1
19	1735531	Cable Tie.....	3	49	1755469	Rocker Arm.....	1
20	1185903	Elbow 45°.....	1	50	1737015	Drive Pin, 1/8 x 5/8.....	1
21	1701055	Flat Washer.....	1	51	1752664	Tube Ass'y.....	1
22	1185739	Elbow 90°.....	1	52	1185904	Tee.....	1
23	1747512	Cylinder Rod Pin.....	1	53	1755235	Tube Ass'y (Tee to OUT) (1) (2).....	1
24	1118808	Retaining Ring.....	2		1760353	Tube Ass'y (Tee to OUT) (3).....	1
25	1724703	Cylinder Anchor Pin.....	1	54	1755234	Tube Ass'y (Valve to AUX) (1) (2).....	1
26	1708012	Flat Washer, 3/4.....	1		1760354	Tube Ass'y (Valve to AUX) (3).....	1
27	1185816	Washer.....	A/R				
28	1100045	Hex Screw, 5/16-18 x 1.....	1				

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

# BOLENS DURATRAC TRACTOR



**CYLINDER ASSEMBLY**



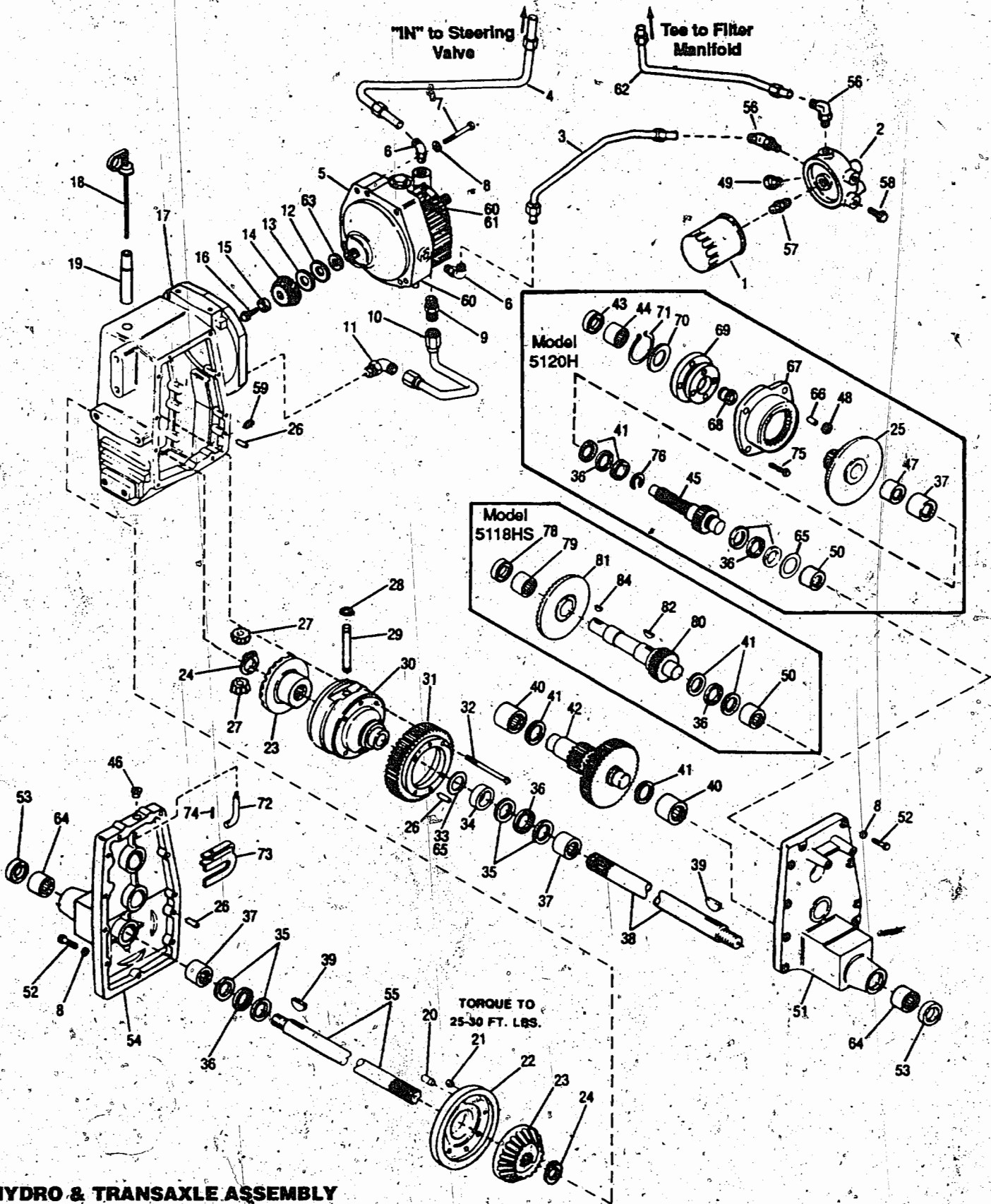
**HYDROSTATIC & LIFT ASSEMBLY**

# MODEL 5120H

Ref #	Part #	Description	Qty.	Ref #	Part #	Description	Qty.
1	1755473	Grip.....	2	35	1118735	Ring, Internal Retaining.....	1
2	1755460	Lift Lever.....	1	36	1185266	Seal, Oil.....	1
3	1755559	Clevis Pin.....	4	37	1186019	Ring, Back Up.....	1
4	1755232	Tube Ass'y, Upper Valve.....	1	38	1177395	O-Ring.....	1
5	1755233	Tube Ass'y, (Cyl to Valve).....	1	39	1724511	Head, Cylinder.....	1
6	1186316	Hex Screw, 1/4-20 x 2.....	2	40	1186018	Ring, Back Up.....	3
7	1118554	Retaining Ring.....	2	41	1186017	O-Ring.....	2
8	1185728	Bushing.....	2	42	1747043	Rod Assembly Hydraulic Cylinder.....	1
9	1752668	Valve (1) (2).....	1	43	1186278	Plug, Pipe.....	2
	1760232	Valve (3).....	1	44	1747509021	Cylinder Assembly, Hydraulic (Inc. Ref. No. 34 thru 43).....	1
	1754414	Replacement Seal Kit (for ref. 9).....	1	45	1113527	Ring, Retaining.....	2
10	1186389	Fl. Nut, 1/4-20.....	2	46	1755472	Control Arm Ass'y.....	1
11	1728072	Push Nut 1/4.....	4	47	1713457	Drive Pin.....	1
12	1187385	Cotter Pin, 1/16 x 1/2.....	4	48	1755464	Control Link Ass'y.....	1
13	1755468	Valve Link Ass'y.....	2	49	1755469	Rocker Arm.....	1
14	1752690	Connector (Long).....	2	50	1737015	Drive Pin.....	4
15	1185737	Elbow 90°.....	2	51	1755238	Tube Ass'y-Lower Valve.....	1
16	1752648	Hose Ass'y.....	1	52	1180025	Retaining Ring.....	2
17	1755198	Hose Ass'y, Cylinder.....	1	53	1720733	Dust Plug.....	2
18	1747510	Shaft Ass'y, Lift.....	1	54	1863870	Coupling, Body.....	2
19	1735531	Cable Tie.....	3	55	1721989	Connector.....	1
20	1185903	Elbow 45°.....	2	56	1747803021	Bracket.....	1
21	1701055	Flat Washer, 5/16.....	1	57	1186393	Fl. Lock Nut, 3/8-16.....	2
22	1185739	Elbow 90°.....	1	58	1186348	Fl. Screw, 3/8-16 x 1.....	2
23	1747512	Cylinder Rod Pin.....	1	59	1177563	Connector.....	1
24	1118808	Retaining Ring.....	2	60	1755459	Lever, Control.....	1
25	1724703	Cylinder Anchor Pin.....	1	61	1755466	Link Ass'y.....	1
26	1708012	Flat Washer, 3/4.....	1	62	1755239	Tube Ass'y-Upper Valve.....	1
27	1185816	Washer.....	AVR	63	1752663	Tube Ass'y.....	1
28	1100045	Hex Screw, 5/16-18 x 1.....	2	64	1185904	Tee.....	1
29	1732499	Lock Nut, 5/16-18.....	2	65	1755235	Tube Ass'y (Tee to OUT) (1) (2).....	1
30	1722667	Tube Clamp.....	2		1760354	Tube Ass'y (Tee to OUT) (3).....	1
31	1737018	Flange Bearing.....	6	66	1755234	Tube Ass'y (Valve to AUX) (1) (2).....	1
32	1185427	Retaining Ring.....	2		1760353	Tube Ass'y (Valve to AUX) (3).....	1
33	1755458	Pivot Pin.....	1				
34	1729388	Tube Assembly, Hydraulic Cylinder.....	1				

- (1) Model 5120H, Serial Number 0200101-0299999
- (2) Model 5120H, Serial Number 0300101-0399999
- (3) Model 5120H, Serial Number 0400101-0499999

# BOLENS DURATRAC TRACTOR



**HYDRO & TRANSAXLE ASSEMBLY**



# MODEL 5118HS & 5120H

Ref #	Part #	Description	Qty.	Ref #	Part #	Description	Qty.
1	1726450	Filter.....	1		1747062	Axle, R.H (5118HS).....	1
2	1752734	Manifold, Filter.....	1	39	1100281	Key, Woodruff.....	2
3	1755237	Tube Ass'y Return.....	1	40	1186010	Bearing, Needle.....	2
4	1755236	Tube Ass'y, Hydro to Steering Pump (1) (2).....	1	41	1186002	Race, Thrust (5120H).....	6
	1760355	Tube Ass'y, Hydro to Steering Pump (3).....	1	42	1747065	Gear Assembly, Cluster (5120H).....	1
5	1745147	Eaton Trans. Model 11 (See Page 20 for breakdown).....	1		1729258	Gear Assembly, Cluster (5118HS).....	1
6	1185737	Elbow 90°.....	2	43	1185296	Seal, Oil.....	1
7	1100770	Screw, Hex Hd. Cap, 3/8-16 x 2-3/4.....	4	44	1185280	Bearing, Needle.....	1
8	1100243	Washer, Lock, 3/8.....	21	45	1751774	Pinion Shaft (5120H).....	1
9	1186464	Connector.....	1	46	1729555	Oil Seal (5120H).....	1
10	1729264	Tube Assembly, Suction.....	1	47	1725907	Bearing, Bronze (5120H).....	1
11	1724390	Elbow 90°.....	2	48	1725945	Planet Gear (5120H).....	4
12	1730374	Washer, Shim (.005).....	A/R	49	1750139	Temp. Switch.....	1
13	1730375	Washer, Shim (.015).....	A/R	50	1185774	Bearing, Needle (5120H).....	1
14	1729531	Gear, Bevel Pinion 18T.....	1	51	1747063021	Cover, Transaxle R.H (5120H).....	1
15	1729559	Spacer.....	1		1747072021	Cover, Transaxle R.H (5118HS).....	1
16	1741832	Screw, Hex Hd. Cap, 1/4-20 x 5/8.....	1	52	1100047	Screw, Hex Hd. Cap, 3/8-16 x 1-1/2 17	
17	1747086021	Housing, Transaxle.....	1	53	1185301	Oil Seal (5120H).....	2
18	1724093	Dipstick.....	1		1185295	Oil Seal (5118HS).....	2
19	1724091	Tube.....	1	54	1747073021	Cover, Transaxle L.H (5120H).....	1
20	1733103	Pin, Dowel, 5/16.....	2	54	1747070021	Cover, Transaxle L.H (5118HS).....	1
21	1186459	Nut, Hex Lock, 5/16-18 Grade 8.....	4	55	1747091	Axle, L.H (5120H).....	1
22	1728645	Cover, Differential.....	1		1747061	Axle, L.H (5118HS).....	1
23	1752093	Gear, Bevel 22T (5120H).....	2	56	1185739	Connector.....	2
	1752094	Gear, Bevel 22T (5118HS).....	2	57	1721921	Coupling.....	1
24	1185732	Ring, Retaining (5120H).....	2	58	1186345	Flange Lock Screw, 3/8-16 x 3/4.....	2
	1185689	Ring, Retaining (5118HS).....	2	59	1185930	Pipe Plug.....	1
25	1727735	Bevel Gear, 56T, 24T and 23T (5120H).....	1	60	1724376	Shaft Seal.....	2
26	1110189	Pin, Dowel, 3/8.....	6	61	1724377	Grass Shield.....	1
27	1752095	Pinion.....	2	62	1752662	Tube Ass'y, Tee to Filter.....	1
28	1118808	Ring, Retaining (1).....	2	63	1705093	Shim (.028).....	A/R
	1185668	Ring, Retaining (2) (3).....	2	64	1187206	Needle Bearing (5120H).....	2
29	1727641	Shaft, Pinion (1).....	1		1727637	Needle Bearing (5118HS).....	2
	1756741	Shaft, Pinion (2) (3) (Includes Ref. 28).....	1	65	1718781	Shim (.005) (5120H).....	A/R
30	1747087	Carrier Differential (5120H).....	1	66	1726082	Pin (5120H).....	4
	1729972	Carrier Differential (5118HS).....	1	67	1744305	Internal Ring Gear (5120H).....	1
31	1729260	Gear, Axle, 47T.....	1	68	1725909	Sliding Gear (5120H).....	1
32	1733684	Screw, Flange, 5/16-18 x 4.....	4	69	1725942	Planet Carrier (5120H).....	1
33	1719271	Shim (.020) (5120H).....	A/R	70	1726050	Thrust Washer (5120H).....	1
	1718781	Shim (.005) (5120H).....	A/R	71	1186461	Retaining Ring (5120H).....	1
	1800338	Shim (.015) (5118HS).....	A/R	72	1753144	Shifter Shaft (5120H).....	1
34	1747089	Spacer, Tubular (5120H).....	1	73	1725912	Shifter Plate (5120H).....	1
	1729497	Spacer, Tubular (5118HS).....	1	74	1185389	Drive Pin (5120H).....	1
35	1185767	Race, Thrust (5120H).....	4	75	1730012	Screw, Counter Box, 5/16-18 x 1 (5120H).....	4
	1185730	Race, Thrust (5118HS).....	4	76	1726051	Positioning Ring (5120H).....	4
36	1185764	Bearing, Thrust (5120).....	4	78	1185882	Seal, Oil (5118HS).....	1
	1185729	Bearing, Thrust (5118HS).....	1	79	1187731	Bearing Needle (5118HS).....	1
37	1185721	Bearing, Needle (5120H).....	3	80	1751777	Pinion Shaft (5118HS).....	1
38	1747092	Axle, R.H (5120H).....	1	81	1724079	Bevel Gear (5118HS).....	1
				82	1100279	Woodruff Key, 1/4 x 1 (5118HS).....	1
				84	1751775	Woodruff Key (5118HS).....	1
				NI	1728407	Sealant.....	A/R

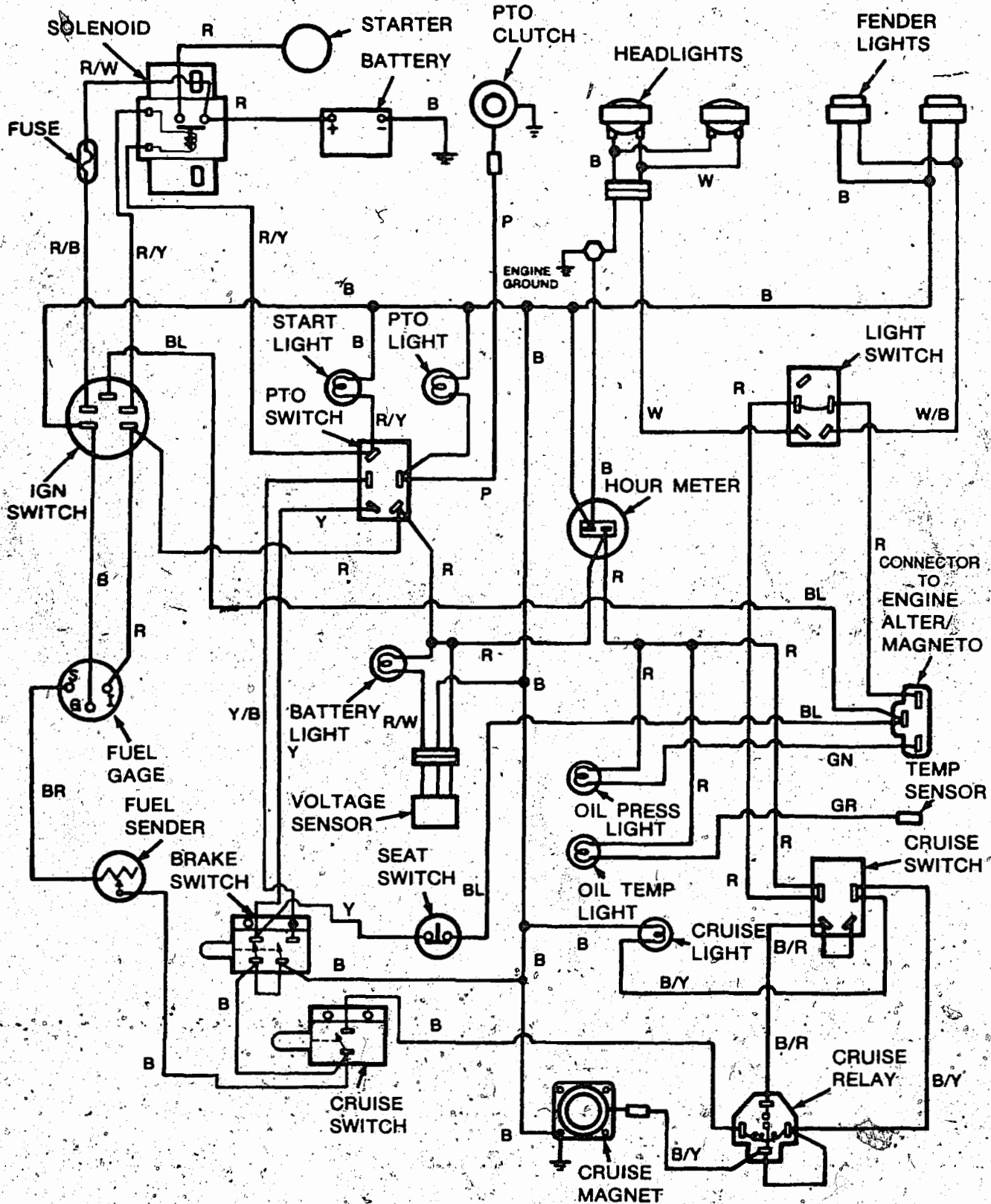
(1) Model 5118HS Serial Number 0100101-0199999  
Model 5120H Serial Number 0200101-0299999

(3) Model 5118HS Serial Number 0300101-0399999  
Model 5120H Serial Number 0400101-0499999

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

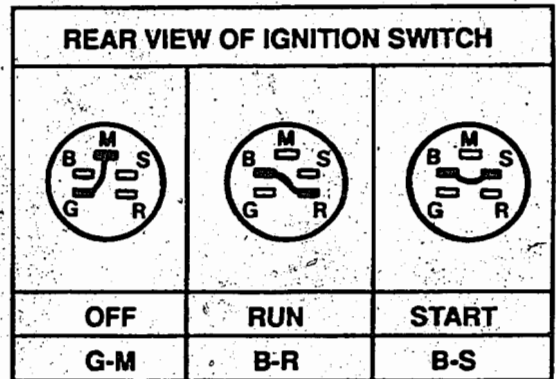
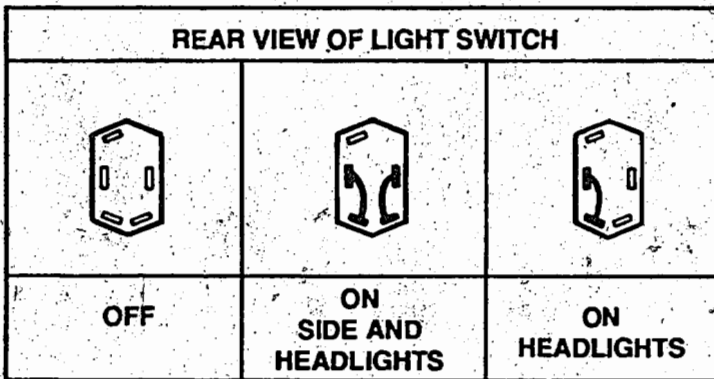
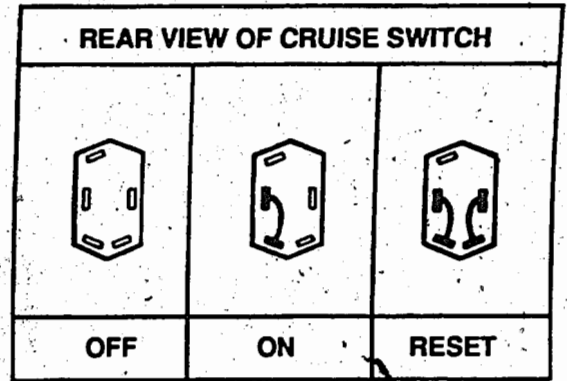
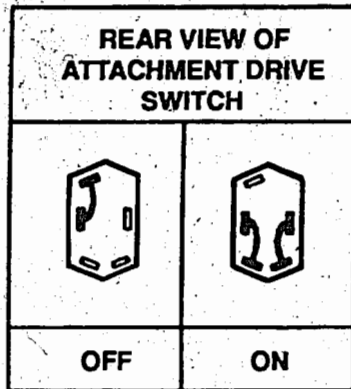
# BOLENS DURATRAC TRACTOR

## WIRING DIAGRAM



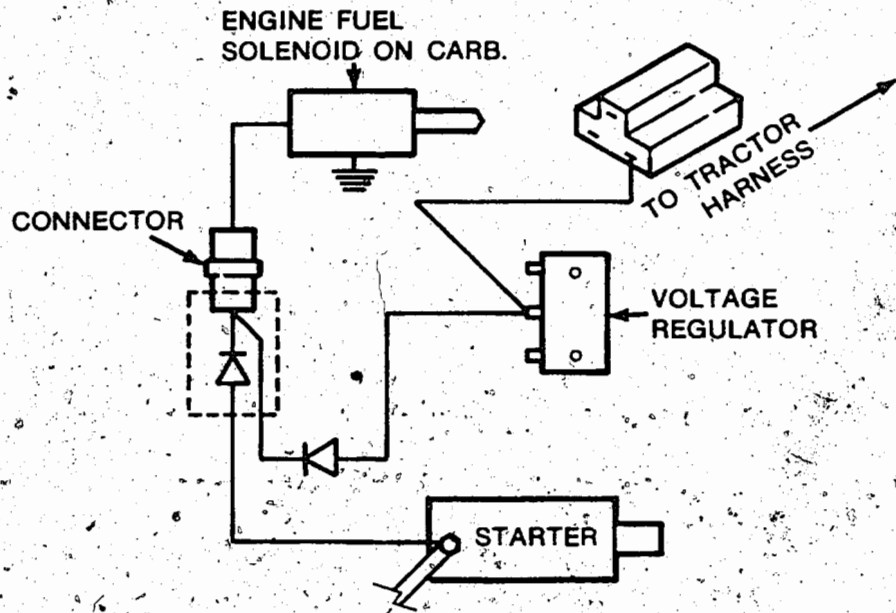
# MODEL 5118HS & 5120H

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

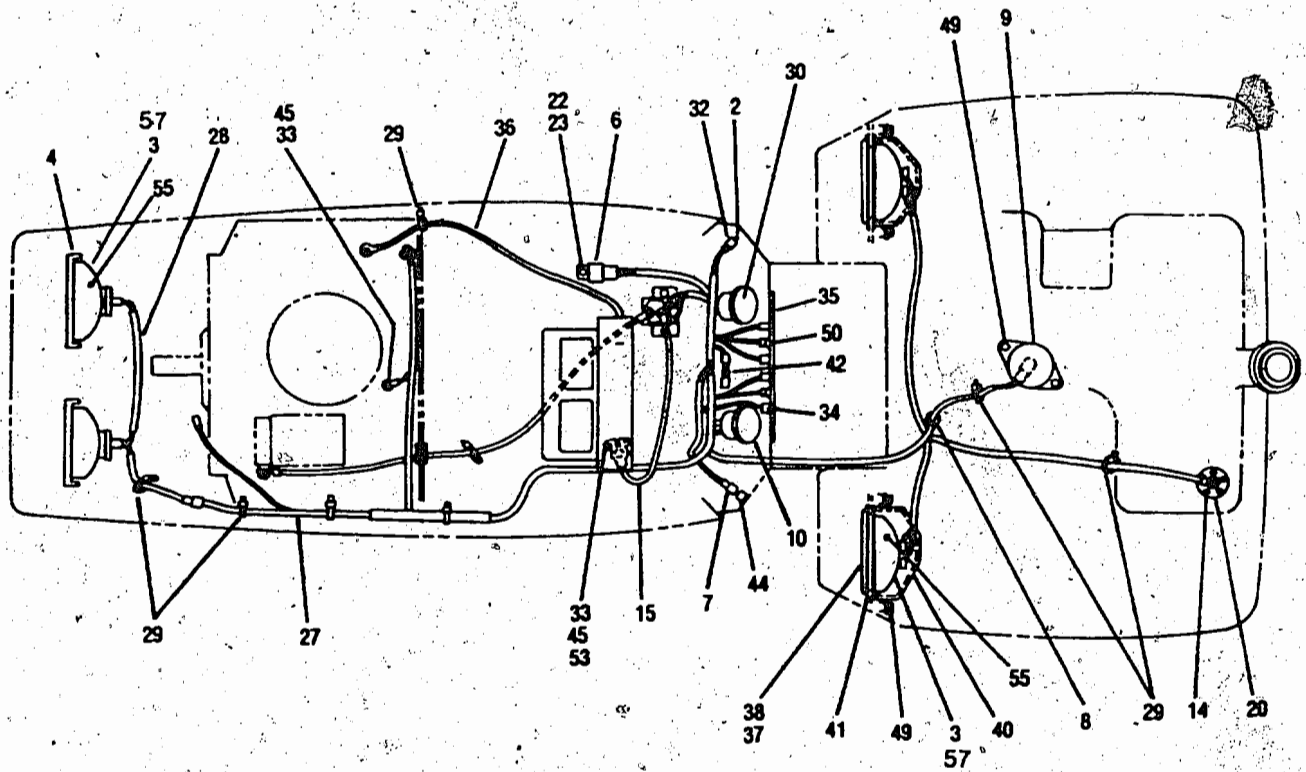


## Fuel Shut-off Solenoid And Harness Supplied with Kohler Engine

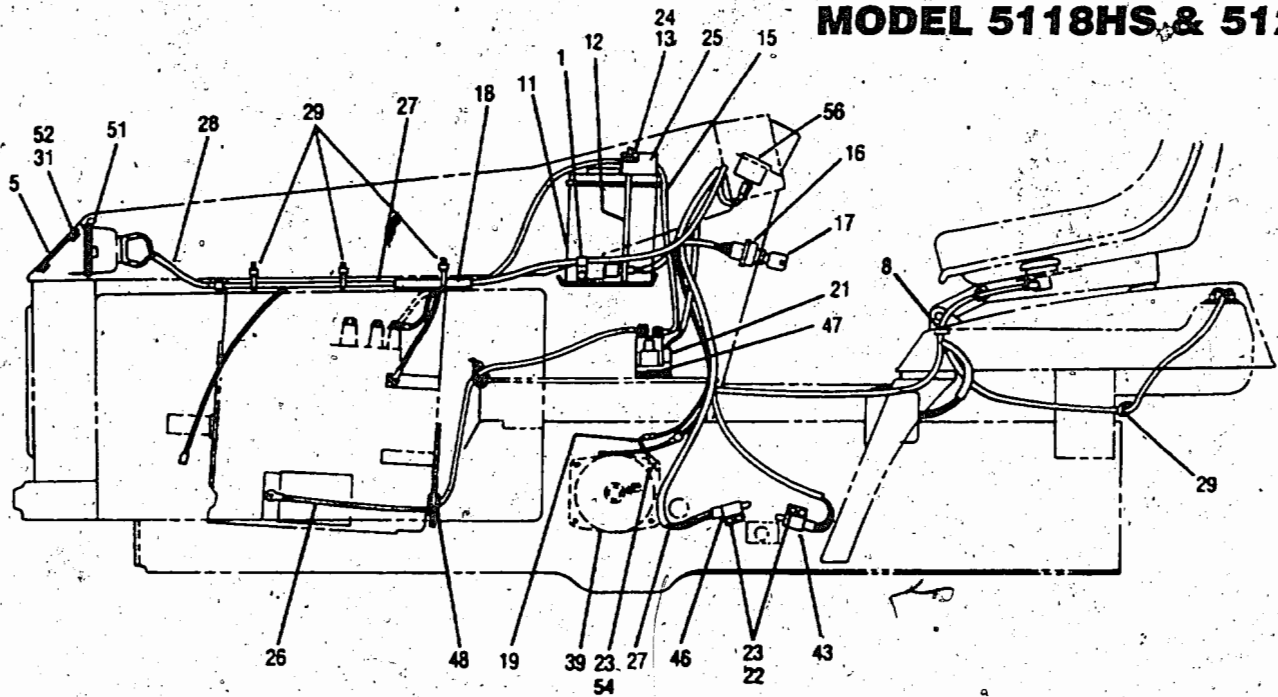
PURCHASE PARTS FROM KOHLER



# BOLENS DURATRAC TRACTOR



# MODEL 5118HS & 5120H



Ref #	Part #	Description	Qty.	Ref #	Part #	Description	Qty.
1	1721252	J-Clip	1	29	1735531	Cable Tie	11
2	1750963	Screw, 6-32 x 1/2	5	30	1755647	Fuel Gauge (5120)	1
3	1752871	Light Assembly	4	31	1805365	Flat Washer	2
4	1753788	Retainer	4	32	1754608	Switch, PTO	1
5	1754229	Lens	1	33	1111599	Hex Screw, 1/4-20 x 5/8	3
6	1749907	Relay	1	34	1751572	Bulb (GE 73)	A/R
7	1754189	Light	1	35	1752836	Lens	1
8	1734934	Grommet	1	36	1754220	Battery Cable, Negative	1
9	1752506	Seat Switch	1	37	1754241	Lens, L.H	1
10	1748719	Hour Meter	1	38	1754242	Lens, R.H	1
11	1752840	Battery, 12V	1	39	1738462	Clutch	1
12	1752586	Hold Down	1	40	1754259	Shield Ass'y	1
13	1107381	Flat Washer, 1/4	1	41	1754191	Gasket	2
14	1745778	Screw Rd Hd, 10-32 x 1/2	1	42	1752132	Voltage Sensor	4
15	1752841	Battery Cable-Positive	1	43	1748723	Interlock Switch, Speed	1
16	1754207	Ignition Switch	1	44	1754607	Switch, Speed, Control	1
17	1753986	Ignition Key	1	45	1100241	Flat Washer, 1/4	3
18	1752408	Tube	1	46	1751328	Switch, Brake	1
19	1756032	Lead	1	47	1724492	Fl. Screw, 1/4-20 x 1/2	2
20	1755868	Fuel Sender (1) (2)	1	48	1729587	Bushing Snap	1
	1765953	Fuel Sender (3)	1	49	1755349	Screw, 1/4-20 x 1/2	6
21	1753539	Solenoid	1	50	1186020	Thd. Cut Screw, 6-32 x 3/8	2
22	1115815	Screw Phil Hd., 10-24 x 5/8	5	51	1754194	Gasket	2
23	1185985	Keps Nut, 10-24	6	52	1731453	Pan Hd. Screw, 8-18 x 3/8	2
24	1734398	Lock Nut, 1/2-20	1	53	1386229	Hex Nut, 1/4-20	1
25	1755802	Battery Hold Down	1	54	1185130	Screw	1
26	1732581	Starter Cable	1	55	1752872	Bulb	1
27	1755446	Main Harness (1) (2)	1	56	1748719	Hour Meter	1
	1765954	Main Harness (3)	1	57	1752875	Socket	4
28	1752505	Headlight Harness	1	NI	1743516	Fuse (30A)	1

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

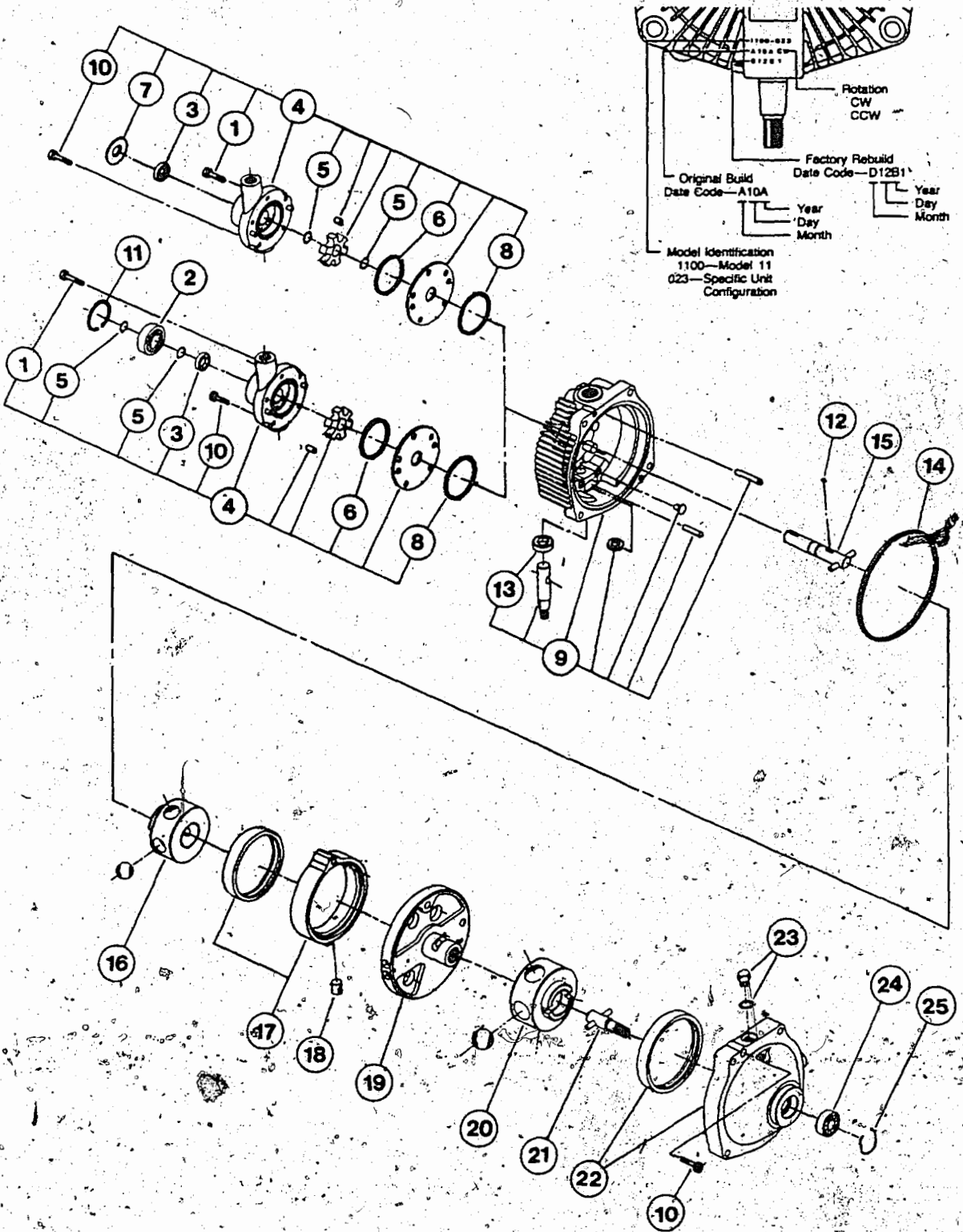
(2) Model 5118HS Serial Number 0200101-0299999  
 Model 5120H Serial Number 0300101-0399999

(3) Model 5118HS Serial Number 0300101-0399999  
 Model 5120H Serial Number 0400101-0499999



# BOLENS DURATRAC TRACTOR

## EATON MODEL II BREAKDOWN



# MODEL 5118HS & 5120H

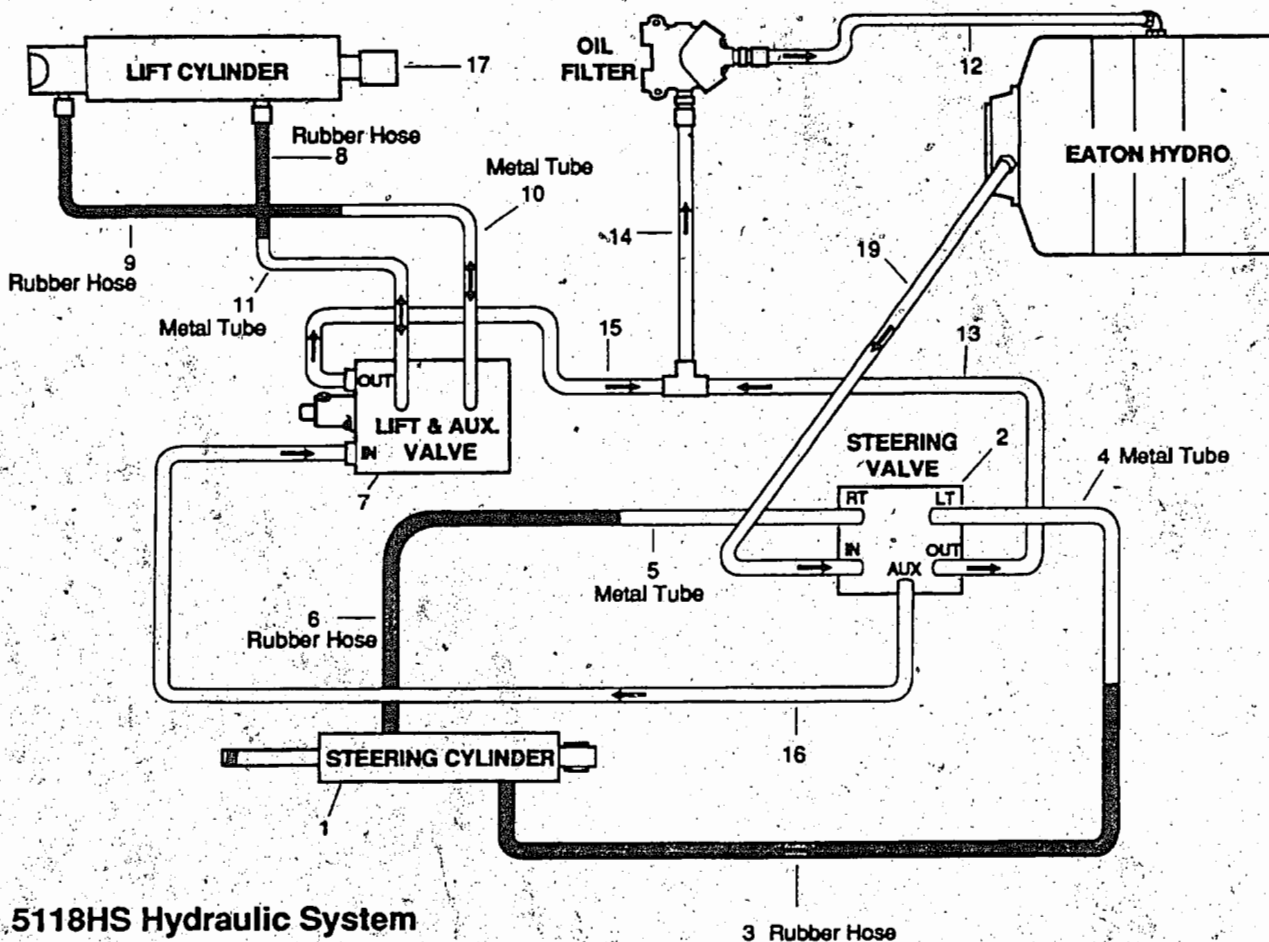
Ref #	Part #	Description	Qty.	Ref #	Part #	Description	Qty.
1		Socket Hd. Capscrew, 5/16-18 x 1-3/4 (Incl. with Ref. No. 4).....	1	12	1744159	Drive Pin (Incl. Ref. No. 4).....	1
3	1724376	Oil Seal (Incl. with Ref. No. 4) (1) (2)....	1	13	1724376	Oil Seal (Incl. Ref. No. 9).....	1
	1724381	Oil Seal (Incl. with Ref. No. 4) (3).....	1	14	1744185	Square Seal Ring .....	1
4	1744188	Charge Pump Kit (Incl. Ref. Nos. 1, 3, 5, 6, 7, 8, 10 & 12) (1) (2).....	1	15	1744160	Input Shaft Sub Ass'y (Keyed) .....	1
	1744189	Charge Pump Kit (Incl. Ref. Nos. 1, 3, 5, 6, 7, 8, 10 & 12) (3).....	1	16	1744164	Pump Rotor & Ball Assembly .....	1
5	1724375	Snap Ring (Incl. with Ref. No. 4).....	1	17	1744184	Cam Ring Assembly.....	1
6	1744155	Sq. Seal Ring (Incl. with Ref. No. 4)....	1	18	1744176	Cam Ring Insert .....	1
7	1724377	Grass Shield (Incl. with Ref. No. 4).....	1	19	1744166	Pintle Assembly (Incl. Internal Parts)..	1
8	1744157	Sq. Seal Ring (Incl. with Ref. No. 4)....	1	20	1744177	Motor Rotor & Ball Sub Assembly .....	1
9	1744154	Cover Sub Ass'y (Incl. Ref. No. 13).....	1	21	1744010	Output Shaft Sub Ass'y .....	1
10		Socket Hd. Capscrew 5/16-18 x 1-3/4 (Incl. with Ref. No. 4)....	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

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

(3) Model 5118HS Serial Number 0300101-0399999  
 Model 5120H Serial Number 0400101-0499999

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

# 5118HS HYDRAULIC SYSTEM

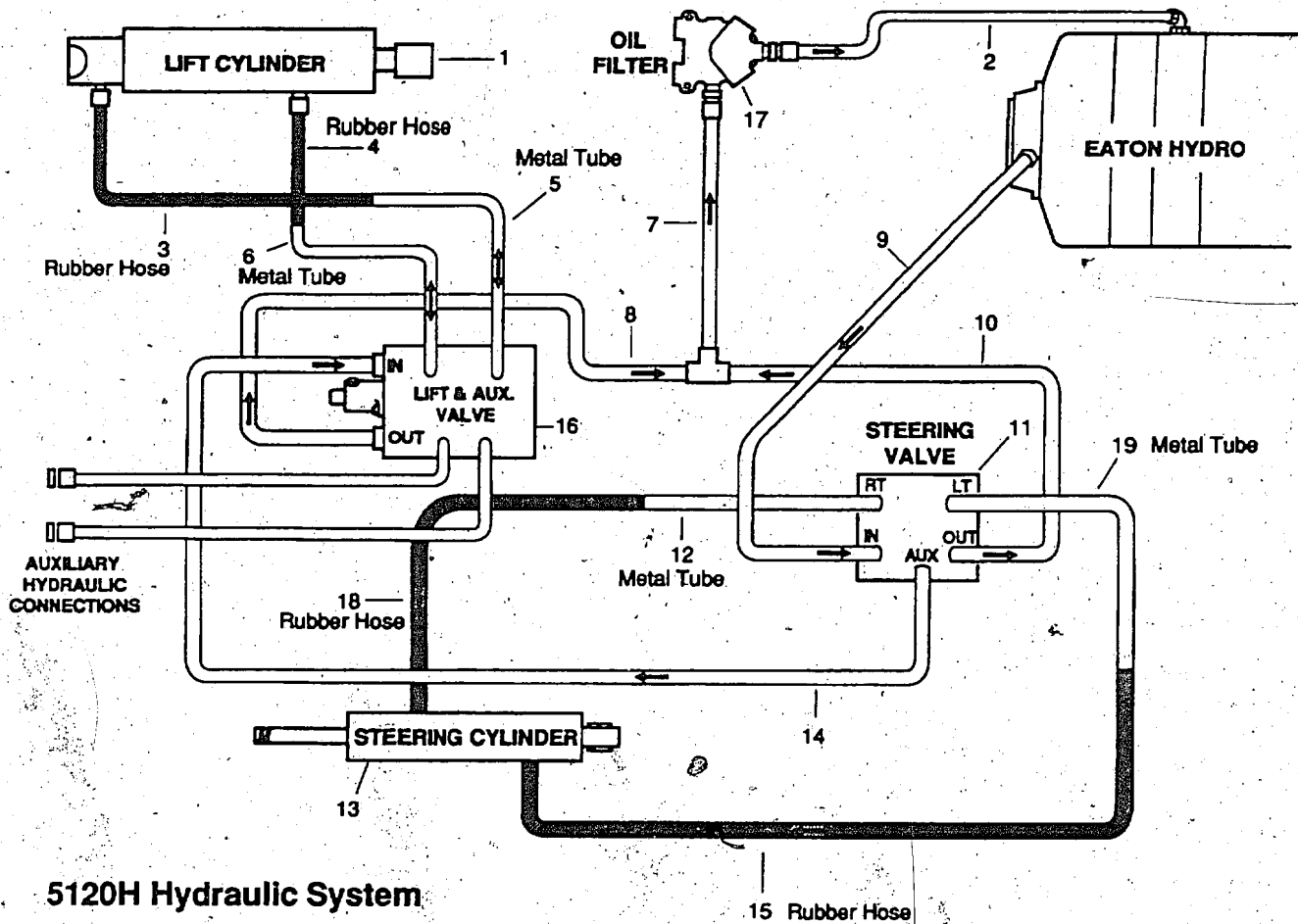


5118HS Hydraulic System

Ref #	Part #	Description	Ref #	Part #	Description
1	1751627021	Steering Cylinder	10	1755233	Tube Assembly (lift cyl. to lift/aux. valve)
2	1752496	Steering Valve (A) (B)	11	1755232	Tube Assembly (lift cyl. to lift/aux. valve)
	1760233	Steering Valve (C)	12	1755237	Tube Assembly (return)
3	1754364	Hose Assembly (steer. cyl. to steer. valve)	13	1755235	Tube Assembly (steer. valve to tee) (A) (B)
4	1752657	Tube Assembly (LH) (A) (B)		1760354	Tube Assembly (steer. valve to tee) (C)
	1760351	Tube Assembly (LH) (C)	14	1752662	Tube Assembly (tee to filter)
5	1752658	Tube Assembly (RH) (A) (B)	15	1752664	Tube Assembly (valve to tee)
	1760352	Tube Assembly (LH) (C)	16	1760353	Tube Assembly (steer. valve to lift valve)
6	1752649	Hose Assembly (steer. cyl. to steer. valve)	17	1747509021	Lift Cylinder
7	1760231	Lift & Aux. Valve	19	1755236	Tube Assembly (hydro to steering valve) (A) (B)
8	1752648	Hose Assembly		1760355	Tube Assembly (hydro to steering valve) (C)
9	1755198	Hose Assembly			

- A Serial Number 0100101-0199999
- B Serial Number 0200101-0299999
- C Serial Number 0300101-0399999

# 5120H HYDRAULIC SYSTEM



5120H Hydraulic System

Ref #	Part #	Description	Ref #	Part #	Description
1	1747509021	Lift Cylinder		1760233	Steering Valve (C)
2	1755237	Tube Assembly (filter to hydro pump)	12	1752658	Tube Assembly (RT) (A)
3	1755198	Hose Assembly		1760352	Tube Assembly (B) (C)
4	1752648	Hose Assembly	13	1751627021	Steering Assembly
5	1755232	Tube Assembly	14	1755234	Tube Assembly (aux. to in) (A)
6	1755233	Tube Assembly (A) (B) (C)		1760353	Tube Assembly (aux. to in) (B) (C)
7	1752662	Tube Assembly (tee to filter)	15	1754364	Hose Assembly
8	1752663	Tube Assembly (out to tee)	16	1760232	Lift & Hux. Valve (2-spool)
9	1755236	Tube Assembly (hydro to in) (A) (B)	17	1726450	Oil Filter
	1760355	Tube Assembly (hydro to in) (C)	18	1752649	Hose Assembly
10	1755235	Tube Assembly (tee to out) (A) (B)	19	1752657	Tube Assembly (LT) (A)
	1760354	Tube Assembly (tee to out) (C)		1760351	Tube Assembly (LT) (B) (C)
11	1752496	Steering Valve (A) (B)			

A Serial Numbers 0200101 through 0299999

B Serial Numbers 0300101 through 0399999

C Serial Numbers 0400101 through 0499999