

# **Bolens®**

**Tractor**  
**12HP**  
**14HP**  
**16HP**  
**18HP**

**Model 1258 (H12XL)**

**Model 1658 (H16XL)**

**Model 1858 (H18XL)**

Serial Numbers  
0100101 thru 0299999

**Model 1458 (H14XL)**

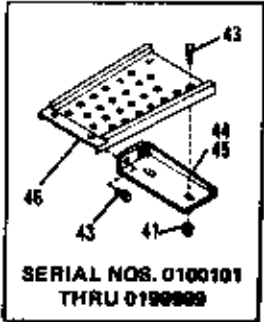
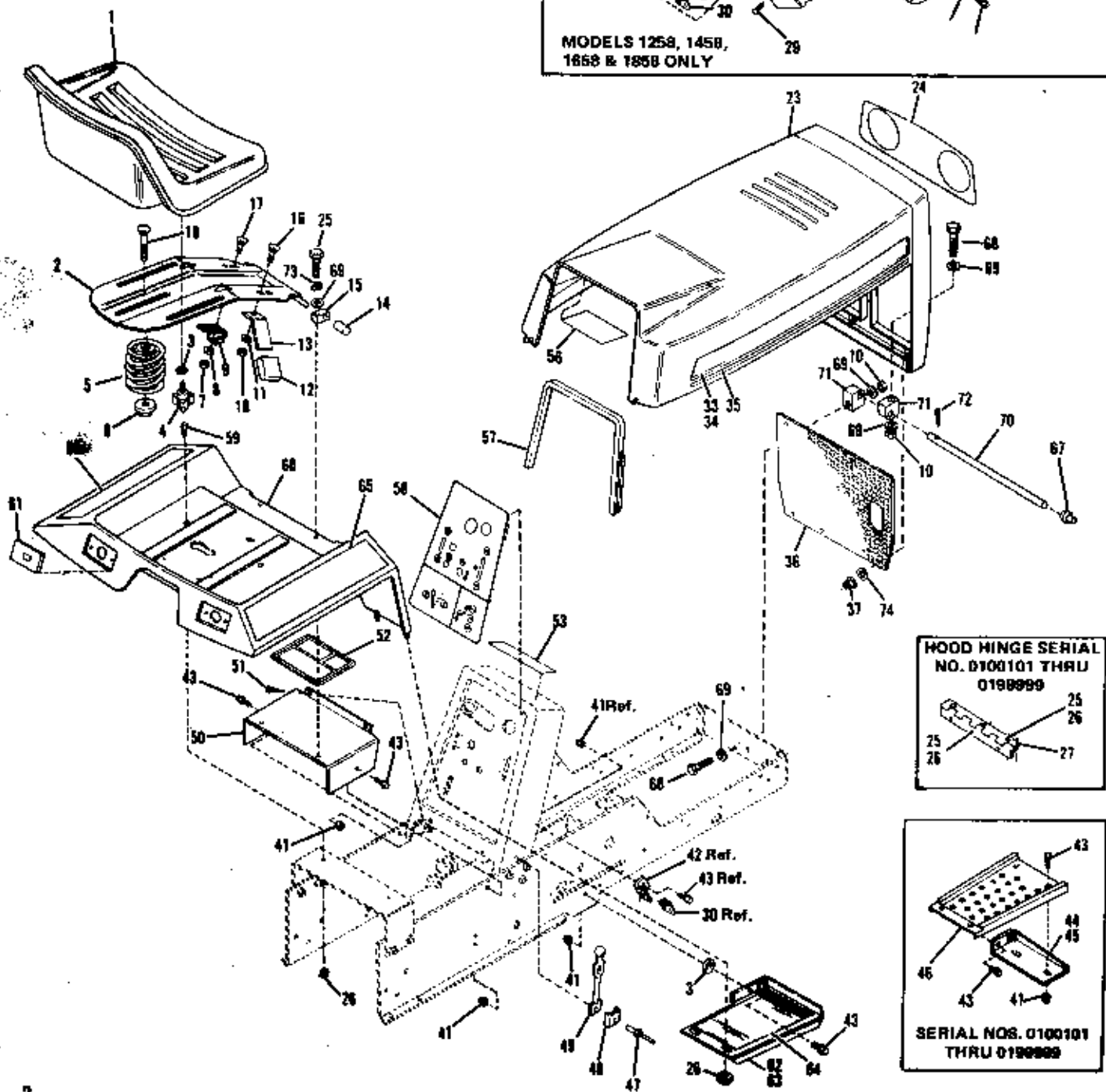
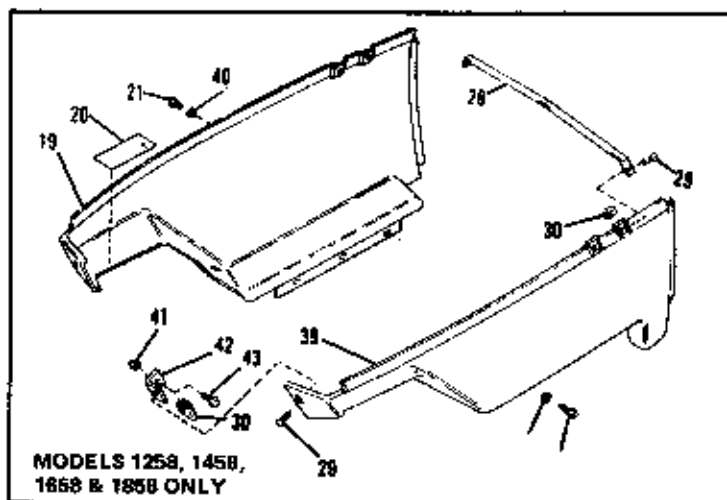
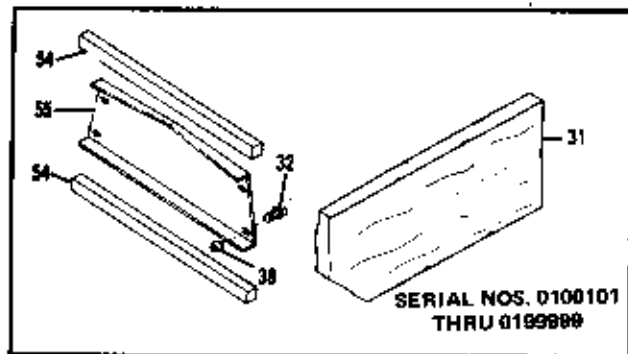
Serial Numbers  
0200101 thru  
0399999

**Model 1664 (H16X1)**

Serial Numbers  
0100101 thru  
0199999

**Parts List**

**BOLENS 12 HP, 14 HP, 16 HP & 18 HP TRACTOR**



**MODEL 1258, 1458, 1658, 1664 & 1858**

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	1733027	Seat	1
	1733028	Seat (1258 S/N 01) (6)	1
2	1734115	Seat Support	1
3	1100258	Flat Washer, 3/8	4
4	1734269	Adjusting Knob	2
5	1733960	Spring	1
6	1735125	Nut & Washer	1
7	1186229	Nut 1/4-20	1
8	1100241	Flat Washer, 1/4	1
9	1734515	Actuator Bracket	1
10	1110107	Locknut 5/16-18	4
11	1705905	Bowed Washer (1)(2)(3)	1
12	1735054	Handle Grip (1)(2)(3)	1
13	1735517	Seat Stand Support (1)(2)(3)	1
14	1734898	Plastic Grip (1)	2
15	1714782	Swivel Block (1)	2
	1735265	Swivel Block (2)(3)(4)(5)	2
16	1186098	Carriage Bolt 5/16-18 x 3/4 (1)(2)(3)	1
17	1186067	Carriage Bolt 1/4-20 x 1/2	1
18	1186130	Carriage Bolt 3/8-16 x 1-1/4	1
19	1740767	Side Panel L.H. (1)(2)(3)(4)	1
20	1734812	Decal Warning (1)(2)(3)	1
21	1724492	Flange Lock Screw 1/4-20 x 1/2 (1)(2)(3)(4)	5
22	1107381	Flat Washer 1/4 (1)(2)(3)(4)	3
23	1736201	Hood & Grille (1)(2)(3)(4)	1
	1744030	Hood & Grille (5)	1
24	1730136	Grille Decal (1)	1
	1736202	Grille Decal (2)(3)(4)	1
	1744109	Grille Decal (5)	1
25	1186331	Flange Lock Screw 5/16-18 x 1 (1)(2)	2
	1739210	Hex Hd. Tapping Screw 5/16-18 x 1-1/4 (3)(4)(5)	2
26	1186391	Flange Locknut 5/16-18	6
27	1731986	Hood Hinge (1)	1
28	1731337	Support Bracket (1)(2)(3)(4)	1
29	1110685	Rd Hd Screw 1/4-20 x 5/8 (1)(2)(3)(4)	4
30	1185456	Speed Nut (1)(2)(3)(4)	4
31	1732162	Acoustical Foam (1)	2
32	1186307	Flange Lock Screw 1/4-20 x 3/8 (1)	4
33	1734868	L.H. Identification Decal (1)	1
	1736196	L.H. Identification Decal (2)(3)(4)	1
	1744145	L.H. Identification Decal (5)	1
34	1734869	R.H. Identification Decal (1)	1
	1736197	R.H. Identification Decal (2)(3)(4)	1
	1744146	R.H. Identification Decal (5)	1
35	1730137	Stripe Decal (1)	1
36	1734347	Grille Screen (1)	1
	1736299	Grille Screen (2)	1
	1739056	Grille Screen (3)(4)(5)	1
37	1736399	Flange Locknut	4
38	1186389	Flange Locknut 1/4-20 (1)	4
39	1740764	Side Panel R.H. (1)(2)(3)(4)	1
40	1100254	Flat Washer, 1/4 (1)(2)(3)(4)	2
41	1186393	Flange Locknut 3/8-16	6

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
42	1727493	Support Bracket (1)(2)(3)(4)	2
43	1186345	Flange Lock Screw 3/8-16 x 3/4	6
44	1726616	Foot Rest Support R.H. (1)	1
45	1729817	Foot Rest Support L.H. (1)	1
46	1733702	Foot Rest Assembly (1)	1
47	1728772	Pop Rivet 3/16 x 1/2	2
48	1727128	Clip	2
49	1727127	Latch	2
50	1734524	Tunnel Assembly (1)(2)	1
	1739212	Tunnel Assembly (3)(4)(5)	1
51	1185872	Rd. Hd. Phil. Screw 5/16-18 x 5/8 (1)(2)	2
	1739688	Thread Forming Screw 5/16-18 x 5/8 (3)(4)(5)	2
52	1734813	Instruction Decal (1)	1
	1736369	Instruction Decal (2)(3)(4)(5)	1
53	1734816	Instruction Decal (1)(2)(3)	1
54	1732137	Sealing Strip (1)	2
55	1731949	Heat Shield (1)	1
56	1733889	Service Instr. Decal (1)(2)(3)(4)	1
	1740977	Service Instr. Decal (5)	1
57	1728932	Trim	1
58	1734369	Instrument Panel Decal (1)	1
	1736371	Instrument Panel decal (2)(3)(4) {1458-1658-1858}	1
	1739096	Instrument Panel Decal (3)(4)(5) {1258-1664}	1
59	1186329	Flange Lock Screw 5/16-18 x 3/4	2
60	1734691	Fender Assembly	1
61	1725615	Reflector	2
62	1736566	Foot Rest R.H. (2)(3)(4)(5)	1
63	1736565	Foot Rest L.H. (2)(3)(4)(5)	1
64	1736567	Foot Rest Pad (2)(3)(4)(5)	2
65	1739844	Fender Decal R.H. (1858)	1
	1736885	Fender Decal R.H. (2) (1658)	1
	1736386	Fender Decal R.H. (1458)	1
	1739076	Fender Decal R.H. (1258)	1
	1744246	Fender Decal R.H. (1664)	1
66	1739843	Fender Decal L.H. (1858)	1
	1736884	Fender Decal L.H. (2)(1658)	1
	1736385	Fender Decal L.H. (1458)	1
	1739075	Fender Decal L.H. (1258)	1
	1744247	Fender Decal L.H. (1664)	1
67	1728072	Push Nut (2)(3)(4)(5)	1
68	1100799	Hex Hd Screw 5/16-18 x 1-1/2 (2)(3)(4)(5)	4
69	1107382	Flat Washer 5/16 (2)(3)(4)(5)	10
70	1736341	Pivot Rod (2)(3)(4)(5)	1
71	1736340	Pivot (2)(3)(4)(5)	1
72	1100362	Cotter Pin 3/32 x 1/2 (2)(3)(4)(5)	4
73	1100242	Lock Washer, 5/16	2
74	1185418	Flat Washer (2)(3)(4)(5)	4
N1	1735223	Spray Paint (White)	
N1	1735222	Spray Paint (Black)	
N1	1736796	Spray Paint (Dark Green)	

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

**Model 1458 (H14XL)**

- (2) Serial Numbers 0200101 thru 0299999
- (3) Serial Numbers 0300101 thru 0399999

**Model 1258 (H12XL)**

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

**Model 1858 (H18XL)**

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

**Model 1658 (H16XL)**

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

**Model 1664 (H16X1)**

- (5) Serial Number 0100101 thru 0199999

# BOLENS 12 HP, 14 HP, 16 HP & 18 HP TRACTOR

SERIAL NOS.  
0100101 THRU  
0199999

SEE FIG. 3A, PAGE 6  
FOR BREAKDOWN

Torque to  
30/35 ft. lb.  
(40/47 Nm)

SERIAL NOS.  
0100101 THRU  
0299999 (1458  
AND 1658)

20 SPLINED  
52 KEYED

SEE FIG. 4, PAGE 12  
FOR BREAKDOWN

SERIAL NOS.  
0100101  
THRU 0199999

SERIAL NOS.  
0100101 THRU  
0199999

Figure 2. ENGINE AND DRIVE ASSEMBLY

## MODEL 1258, 1458, 1658, 1664 & 1858

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	1723473	Gas Cap	1	50	1186329	Flange Hd. Screw 5/16-18 x 3/4	2
2	1185988	O-Ring	1	51	1734782	Exhaust Flange (1)(2)(3)	1
3	1727487	Shield, Overflow	1		1740983	Exhaust Flange (4)(5)	1
4	1735064	Tank, Fuel (Incl. Ref. Nos. 1 thru 3)	1	52	1733816	Muffler Assembly (1)(2)	1
5	1724827	Spring, Extension	4		1737758	Muffler Assembly (3)(4)(5)	1
6	1733690	Hook, "S"	4	53	1732373	Bracket, Muffler	2
7	1715127	Clamp, Housing	1	54	1186393	Nut, Flange Lock 3/8-16	9
8	1720499	Bracket, Choke	1	55	1726370	Mount, Engine L.H.	1
9	1186712	Screw, Hex Hd. Thd. Cutting No. 10-24 x 1/2	13	56	1100049	Screw, Hex. Hd. Cap 3/8-16 x 2-1/4	4
10	1111589	Screw Hex Hd. Cap 1/4-20 x 5/8	1	57	1186047	Washer, Flat 3/8 ID 1-3/8 O.D.	8
11	1718185	Clamp, Hose	4	58	1726510	Mount, Rear	2
12	1725124	Line, Fuel	1	59	1724896	Mount, Front	2
13	1731399	Filter, Fuel (1)(2)(3)	1	60	1107383	Washer, Flat 3/8	3
	1727491	Filter, Fuel (4)(5)	1	61	1733879	Nut, Round Special (1)	2
14	1726447	Line, Fuel	1	62	1734266	Adjusting Knob (1)	2
15	1729587	Bushing, Snap	1	63	1733398	Nut, Lock 3/8-16	4
16	1723474	Clamp, Hose	1	64	1177042	Lockwasher 3/8 (1)	2
17	1719029	Valve, Shut Off	1	65	1726701	Belt, V 77" (1)(2)	1
18	1732883	Fan	1	66	1734264	Support, Idler (1)	1
19	1737419	Screw, Set, 1/4-20 x 1/2	2		1731833	Support, Idler (2)	1
20	1729261	Hub Assy., Hydro. (1)(2)(3)(4)	1		1736481	Support, Idler (3)(4)(5)	1
21	1731806	Disc, Coupling (1)	4	67	1730020	Knob, Adjusting (1)	1
	1734331	Disc, Coupling (2)(3)(4)(5)	1		1735112	Knob, Adjusting (2)(3)	1
22	1734142	Shaft Assembly, Drive (1)(2)	1		1740794	Knob, Adjusting (4)(5)	1
	1736755	Shaft Assembly, Drive (3)	1	68	1734564	Decal, Belt Adjustment (1)	1
	1742335	Shaft Assembly, Drive (4)(5)	1		1736368	Decal, Belt Adjustment (2)(3)(4)(5)	1
23	1100043	Screw, Hex Hd. Cap 3/8-16 x 1-1/4	12	69	1734925	Idler Arm Assembly (1) (2)	1
24	1733398	Nut, Hex Lock, 3/8-16	12		1738568	Idler Arm Assembly (3)	1
25	1107383	Washer, Flat, 3/8	12		1742725	Idler Arm Assembly (4)(5)	1
26	1100086	Screw, Hex Hd Cap 3/8-16 x 1-3/4	1	70	1734566	Idler Arm Assembly (1)(2)	1
27	1100243	Washer, Lock 3/8	1		1738569	Idler Arm Assembly (3)(4)(5)	1
28	1100256	Washer, Flat 3/8	3	71	1727896	Pivot (1)(2)(3)	1
29	1734216	Hub, Engine	1		1842723	Pivot (4)(5)	1
30	1731857	Shield, Grass	1	72	1113527	Ring, Retaining 3/4	2
31	1731856	Shield, Heat (1)	1	73	1726860	Pulley, Idler	2
	1735573	Shield, Heat (2)(3)(4)(5)	1	74	1186350	Screw, Flange Lock 3/8-16 x 1-3/4	3
32	1186317	Screw, Flange Lock, 1/4-28 x 3/8	4	75	1186409	Roll Pin 1/4 x 5/8 (5)	1
33	*	Engine, 18 HP, OH-180-180002/A	1	76	1107386	Washer, Flat 5/8	2
	*	Engine, 16 HP, OH-160-170089A	1	77	1100350	Pin, Cotter 1/8 x 1	2
	*	Engine, 14 HP, OH-140-180027B	1	78	1726861	Spring Extension	1
	*	Engine, 12 HP, OH-120-175007/A	1	79	1733135	Support, Engine L.H.	2
34	1104337	Key, Sq. 1/4 x 1	1	80	1733134	Support, Engine R.H.	1
35	1730023	Nipple, Close	1	81	1708125	Pin, Clevis	4
36	1730022	Elbow, 45°	1	82	1734935	Indicator Cap	2
37	1100276	Key, Woodruff 1/4-7/8	1	83	1891733	Flat Washer, Spec	4
38	1734788	Clutch/Brake, Elect	1	84	1734780	Engine Mount R.H.	1
39	1186345	Screw, Flange Lock 3/8-16 x 3/4	16	85	1185130	Hex Hd. Cutting Screw No. 10-24 x 3/4	7
40	1100009	Screw, Hex Hd. 3/8-24 x 1 (1)(2)	1	86	1186247	Hex Nut 1/2-20 (2)(3)(4)(5)	12
	1100010	Screw, Hex Hd., 3/8-24 x 1-1/4 (3)(4)(5)	1	87	1735609	Top Heat Shield Gasket (2)	1
			1		1739095	Complete Heat Shield Gasket (3)(4)	1
41	1100243	Washer, Lock 3/8	1		1740344	Top Heat Shield Gasket (5)	1
42	1734790	Clutch Retainer	1	88	1723478	Hitch Pin (2)(3)(4)(5)	4
43	1736160	Bolt "U" 5/16-18	1	89	1736581	Lower Heat Shield Gasket (2)	2
44	1723130	Clamp, Saddle	1	90	1736582	Side Heat Shield Gasket (2)	2
45	1186230	Nut, Hex 5/16-18	2		1740343	Side Heat Shield Gasket (5)	2
46	1100242	Washer, Lock 5/16	2	91	1740751	Warning Decal (4)(5)	1
47	1734794	Shield Assembly, Heat	1	NI	1718780	Sealant, Exhaust	AR
48	1736299	Decal, Hot	1	92	1185885	Woodruff Key, 3/16 x 5/8	AR
49	1731932	Deflector, Exhaust Heat	1	93	1742662	Hub Assembly, Hydro, (5)	1

\* Common Hardware - Purchase Locally (Grade 5 where applicable)  
 \*\* Order Parts from your local Tecumseh, Lauson-Power Products Outlet.

Model 1664 (H16X1)  
 (5) Serial Numbers 0100101 thru 0199999  
 Model 1658 (H16XL)  
 (1) Serial Numbers 0100101 thru 0199999  
 (2) Serial Numbers 0200101 thru 0299999

Model 1458 (H14XL)  
 (2) Serial Numbers 0200101 thru 0299999  
 (3) Serial Numbers 0300101 thru 0399999  
 Model 1258 (H12XL), 1858 (H18XL)  
 (3) Serial Numbers 0100101 thru 0199999  
 (4) Serial Numbers 0200101 thru 0299999

# BOLENS 12 HP, 14 HP, 16 HP & 18 HP TRACTOR

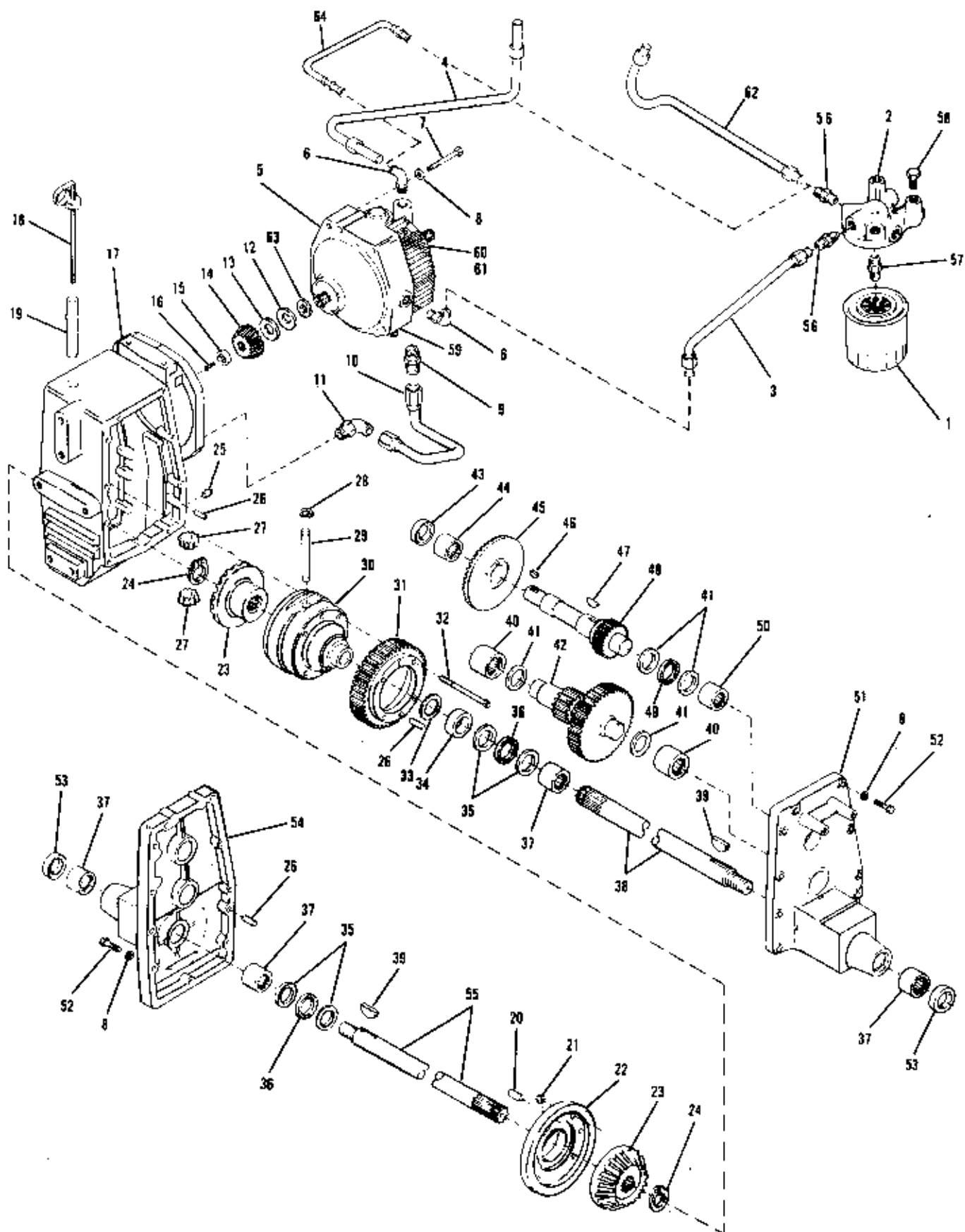


Figure 3. HYDRO AND TRANSAXLE ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	1726450	Filter	1	34	1729497	Spacer, Tubular	1
2	1734345	Manifold, Filter	1	35	1185730	Race, Thrust	4
3	1734354	Tube Assembly, Return	1	36	1185729	Bearing, Thrust	2
4	1729265	Tube Assembly, Pump to Valve (1458, 1658, 1858)	1	37	1727637	Bearing, Needle	4
5	1729274	Transmission, Hydrostatic (1)(2)(3)(4)	1	38	1737619	Axle, R.H. (2)	1
	1743881	Transmission Hydrostatic (5)	1		1735134	Axle, R.H. (3)(4)(5)	1
6	1185737	Elbow 90°	2	39	1100281	Key, Woodruff	2
7	• 1100770	Screw, Hex Hd Cap 3/8-16 x 2-3/4	4	40	1186010	Bearing, Needle	2
8	• 1100243	Washer, Lock - 3/8	21	41	1186002	Race, Thrust	4
9	1186464	Connector	1	42	1729258	Gear Assembly, Cluster	1
10	1729264	Tube Assembly, Suction	1	43	1185882	Seal, Oil	1
11	1724390	Elbow, 90°	1	44	1187731	Bearing, Needle	1
12	1730374	Washer, Shim (.005)	AR	45	1724079	Gear	1
13	1730375	Washer, Shim (.015)	AR	46	1100276	Key, Woodruff	1
14	1729531	Gear, Bevel Pinion 18T	1	47	1100279	Key, Woodruff	1
15	1729559	Spacer	1	48	1729257	Shaft Assembly, Pinion	1
16	1741832	Screw, Hex Hd Cap 1/4-20 x 5/8	1	49	1185764	Bearing, Thrust	1
17	1732450	Housing, Transaxle	1	50	1185774	Bearing, Needle	1
18	1724092	Dipstick	1	51	1729255	Cover, Transaxle R.H.	1
19	1724090	Tube	1	52	• 1100047	Screw, Hex Hd Cap 3/8-16 x 1-1/2	17
20	1733103	Pin, Dowel - 5/16	2	53	1185295	Oil Seal	2
21	• 1186459	Nut, Hex Lock - 5/16-18 Grade 8	4	54	1729253	Cover, Transaxle L.H.	1
22	1728645	Cover, Differential	1	55	1737618	Axle, L.H. (2)	1
23	1726646	Gear	2		1735133	Axle, L.H. (3)(4)(5)	1
24	1185689	Ring, Retaining	2	56	1721989	Connector	2
25	1185930	Plug, Pipe	1	57	1721921	Coupling	1
26	1110189	Pin, Dowel - 3/8	6	58	• 1186345	Flange Lock Screw 3/8-16 x 3/4	2
27	1713466	Pinion	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 (1458, 1658, 1858)	1
31	1729260	Gear, Axle 47 T	1	63	1705093	Shim (.028)	AR
32	1733684	Screw, Flange - 5/16-18 x 4.00	4	64	1734144	Tube Assy. Pump to Filter (1258)(1664)	1
33	1800338	Shim	AR	NI	1728407	Sealant	AR

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

**Model 1858 (H18XL)**

(3) Serial Numbers 0100101 thru 0199999

(4) Serial Numbers 0200101 thru 0299999

**Model 1658 (H16XL)**

(2) Serial Numbers 0100101 thru 0299999

**Model 1458 (H14XL)**

(2) Serial Numbers 0200101 thru 0299999

(3) Serial Numbers 0300101 thru 0399999

**Model 1258 (H12XL)**

(3) Serial Numbers 0100101 thru 0199999

(4) Serial Numbers 0200101 thru 0299999

**Model 1664 (H16X1)**

(5) Serial Numbers 0100101 thru 0199999

MODELS 1458, 1658, & 1858

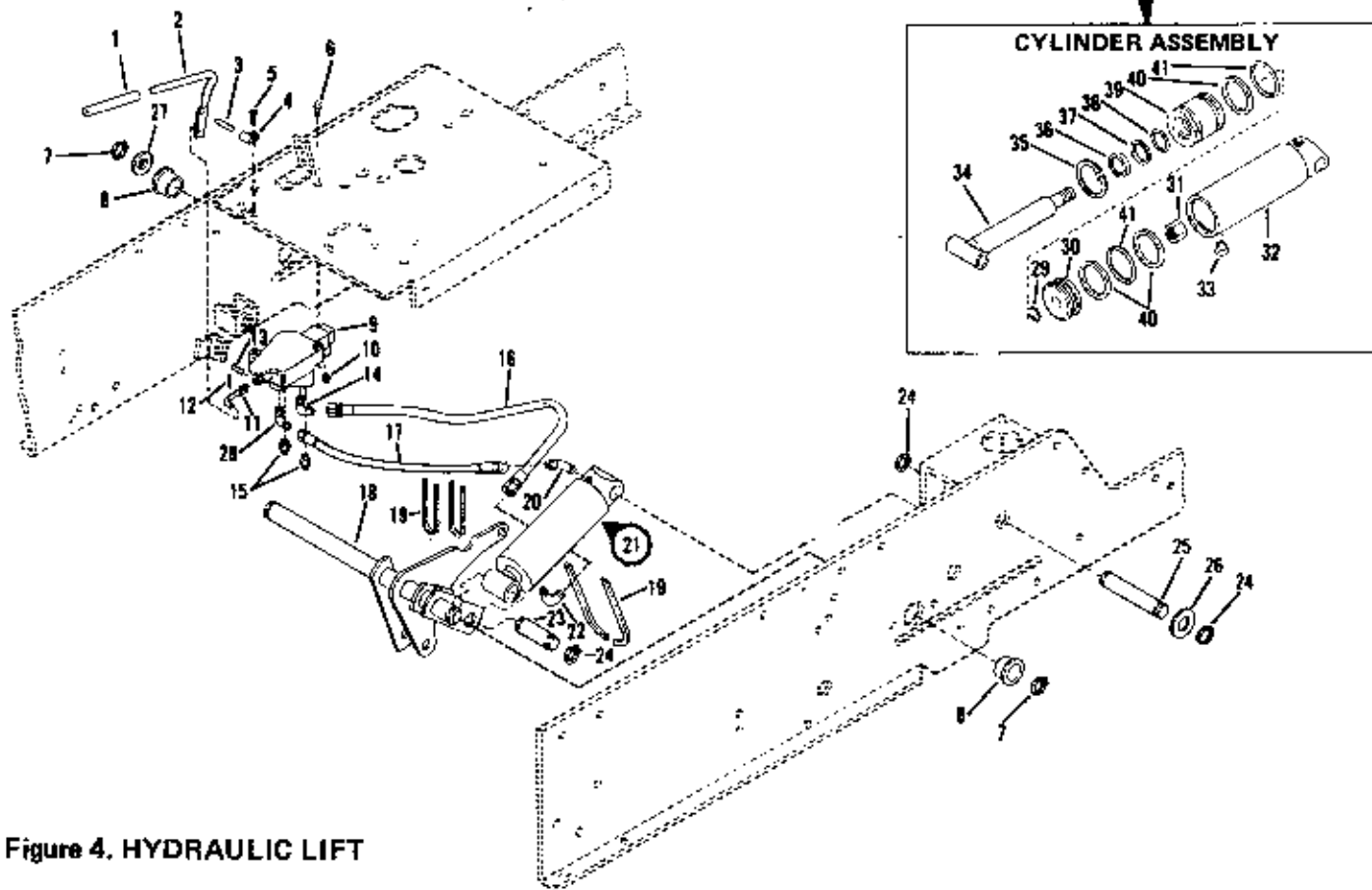


Figure 4. HYDRAULIC LIFT

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	1716470	Grip	1	22	1185739	Elbow, 90°	1
2	1729268	Lever, Lift	1	23	1724704	Pin, Cyl. Rod	1
3	1185271	Pin, Roll 7/32 x 1-1/8	1	24	1113527	Ring, Retaining	4
4	1732471	Clamp	2	25	1724703	Pin, Cyl. Anchor	1
5	• 1185750	Screw, Self Drilling No. 10-24 x 5/8	2	26	• 1708012	Washer, Flat 3/4	1
6	• 1186313	Screw, Hex. Hd. Flange Lock 1/4-20 x 1-1/4	2	27	1185816	Washer	AR
7	1118554	Ring, Retaining	2	28	1185902	Elbow 45°	1
8	1185728	Bushing	2	29	1177509	O-Ring	1
9	1723405	Valve	1	30	1724515	Piston	1
	1721820	Repair Kit		31	• 1110154	Nut, Hex. Lock 5/8-18	1
10	1186389	Nut, Hex. Whiz Lock 1/4-20	2	32	1729388	Tube Assembly, Hydraulic Cylinder	1
11	1724742	Link, Lever	1	33	1105620	Plug, Pipe (Plastic)	AR
12	• 1185850	Pin, Cotter, 5/64 x 3/4	1	34	1729390	Rod Assembly Hydraulic Cylinder	1
13	1185479	Pin, Roll 3/32 x 5/8	1	35	1118735	Ring, Internal Retaining	1
14	1185737	Elbow, 90°	1	36	1185266	Seal, Oil	1
15	1717563	Connector	2	37	1186019	Ring, Back Up	1
16	1733692	Assembly, Hose	1	38	1177395	O-Ring	1
17	1719179	Hose Assembly, Cylinder	1	39	1724511	Head, Cylinder	1
18	1729271	Shaft Assembly, Lift	1	40	1186018	Ring, Back Up	3
19	1805345	Tie, Cable	4	41	1186017	O-Ring	2
20	1185903	Elbow, 45°	1				
21	1729387	Cylinder Assembly, Hydraulic (Incl. Ref. No. 28 thru 41)	1				



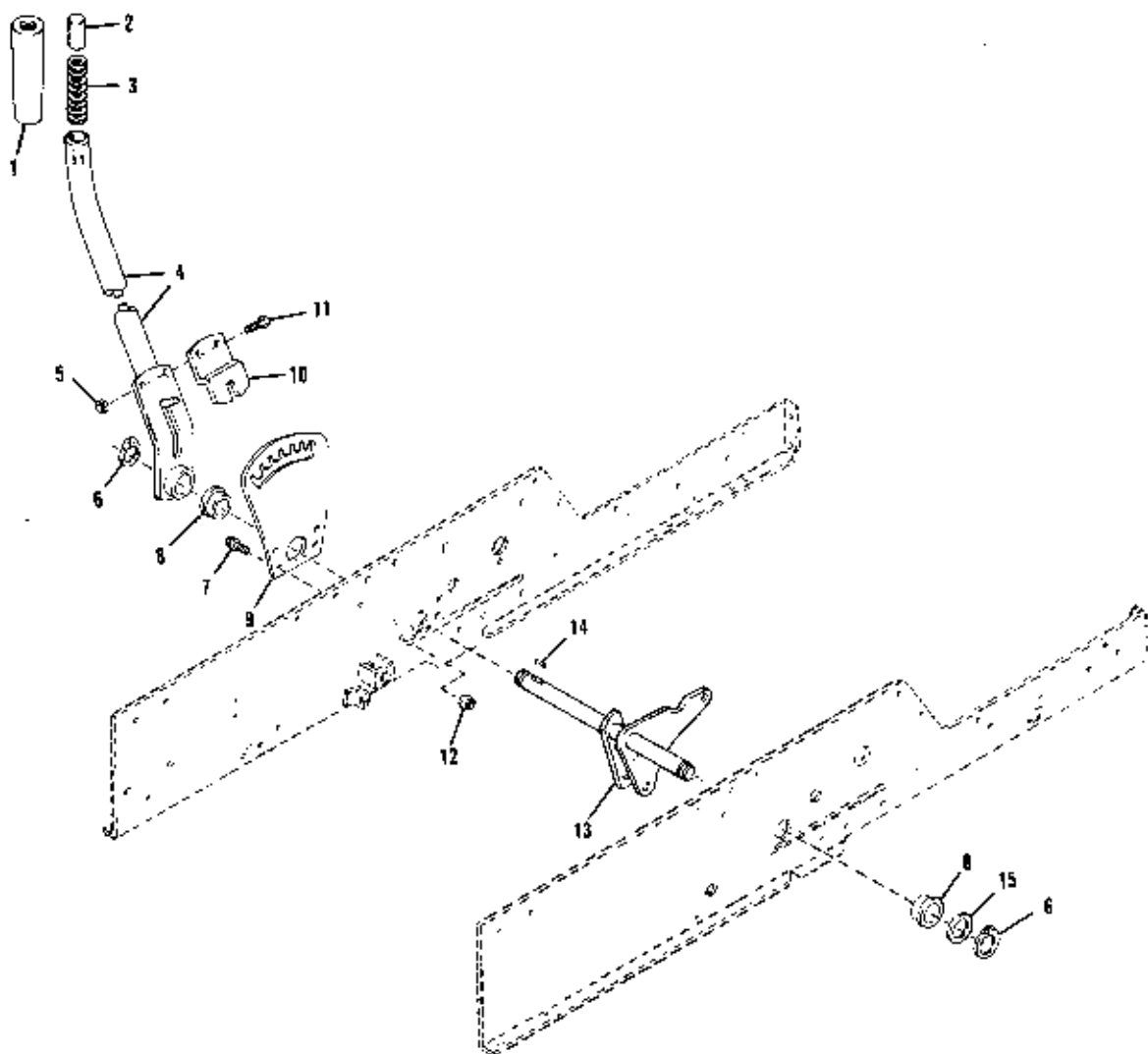
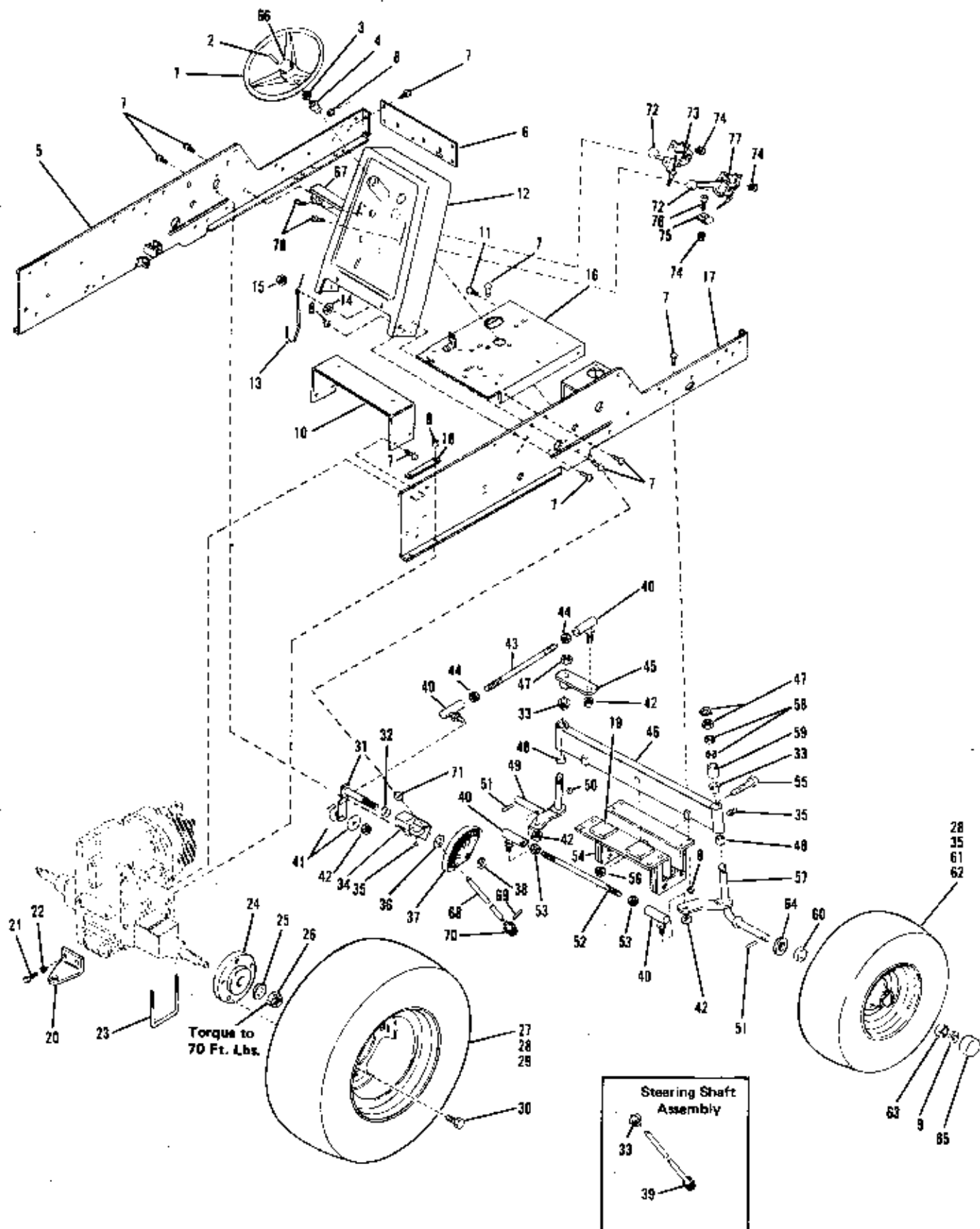


Figure 5. LIFT ASSEMBLY

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, 3/8-16	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)

**BOLENS 12 HP, 14 HP, 16 HP & 18 HP TRACTOR**



**Figure 6. FRAME STEERING AND AXLE ASSEMBLIES**

**MODELS 1258, 1458, 1658, 1664 & 1858**

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	1727284	Wheel, Steering (1)	1
	1736907	Wheel, Steering (2)(3)(4)(5)	1
2	1185279	Pin, Roll 1/4 x 2-1/4	1
3	1708012	Washer, Flat	2
4	1723894	Bearing, Steering	1
5	1734326	Frame Assembly, L.H. (1)	1
	1734323	Frame Assembly, L.H. (2)	1
	1739091	Frame Assembly, L.H. (3)	1
	1742087	Frame Assembly, L.H. (4)(5)	1
6	1733210	Brace (1)(2)(3)	1
	1742086	Brace (4)(5)	1
7	1186345	Screw, Hex Hd. Flange Lock 3/8-16 x 3/4	28
8	1186393	Nut, Flange Lock, 3/8-16	21
9	121898	Thrust Washer	2
10	1734656	Support, Seat	1
11	1186348	Screw, Hex Hd. Flange Lock 3/8-16 x 1-1/4	1
12	1732682	Panel Assembly, Instrument (1)	1
	1735425	Panel Assembly, Instrument (2)	1
	1739101	Panel Assembly, Instrument (3)	1
	1742099	Panel Assembly, Instrument (4)(5)	1
13	1731966	Hook, Cable	1
14	1100256	Washer, Flat 3/8	1
15	1110108	Nut, Lock 3/8-16	1
16	1734731	Support Assembly, Battery & Gas Tank (1)(2)(3)	1
	1741729	Support Assembly, Battery & Gas Tank (4)(5)	1
17	1734324	Frame Assembly, R.H. (1)(2)	1
	1739088	Frame Assembly, R.H. (3)	1
	1742088	Frame Assembly, R.H. (4)(5)	1
18	1730692	Doubler, Rear	2
19	1734878	Engine Mount Bumper (1)	2
20	1724698	Draw Bar	2
21	1100055	Screw, Hex Hd., 1/2-13 x 1-1/4	1
22	1100245	Washer, Lock 1/2	2
23	1727898	"U" Bolt	2
24	1726679	Hub, Wheel	2
25	1708599	Spacer	2
26	1120390	Nut, Hex, 3/4-10	2
27	1724717	Wheel Assembly (1458 S/N 02, 03, 1658 S/N 02, 1858 S/N 01)	2
	1715787	Wheel Assembly (1658 S/N 01)	2
	1724718	Wheel Assembly (Remaining Models)	2
28	1718086	Valve	4
29	1732926	Tire, 23 x 10.50-12 (1458-1658 1858)	2
	1733081	Tire, 23 x 8.50-12 (1258-1664)	2
30	101085	Bolt, Hub	10
31	1731782	Arm Assembly, Steering	1
32	1733707	Spacer, Tubular	1
33	1185035	Bushing, Flange	2
34	1733488	Bracket, Steering Support (1)(2)(3)	1
	1740753	Steering Support (4)(5)	1
35	1185976	Fitting, Grease Thd Forming	5
36	1733442	Washer, Shim	AR

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
37	1733441	Gear, Steering (1)(2)(3)(4)	1
	1740098	Gear, Steering (5)	1
38	1185649	Ring, Retaining	1
39	1733242	Shaft Assembly Steering (1)(2)(3)	1
40	1713361	Joint, Ball	4
41	1718034	Spacer (1)(2)	1
	1738490	Spacer (3)(4)(5)	2
42	1110152	Nut, Hex Lock, 1/2-20	4
43	1726496	Rod, Steering	1
44	1109589	Nut, Hex Ja, 1/2-20 (1)	2
	1186247	Hex Nut 1/2-20 (2)(3)(4)(5)	2
45	1731689	Arm Assembly, Steering	1
46	1731636	Axle Assembly Front (1)(2)(3)(4)	1
	1744936	Axle Assembly Front (5)	1
47	1120390	Nut, Hex Lock, 3/4-10	2
	1113627	Retaining Ring (4)(5)	2
48	1185319	Bearing, Bronze	2
49	1731844	Spindle Assembly L.H. Wheel (1)	1
	1736206	Spindle Assembly L.H. Wheel (2)(3)(4)(5)	1
50	1110547	Key, Woodruff, 3/16 x 1-1/8	1
51	1186460	Pin	2
52	1726495	Rod, Tie	1
53	1186247	Nut, Hex, 1/2-20	2
54	1730955	Support Assembly, Axle (1)(2)	1
	1738561	Support Assembly, Axle (3)(4)(5)	1
55	1732078	Screw, Hex Hd Cap 5/8-11 (Special)	1
56	1110112	Nut, Hex 5/8-11	1
57	1731845	Spindle Assembly R.H. Wheel (1)	1
	1736207	Spindle Assembly R.H. Wheel (2)(3)	1
	1739738	Spindle Assembly R.H. Wheel (4)(5)	1
58	1107387	Washer, Flat 3/4 (1)(2)(3)	2
	1708550	Washer, Flat 3/4 (4)(5)	1
59	1731691	Hub, Steering (1)(2)(3)	1
60	1185616	Bearing, Ball With Seal	2
61	1715789	Wheel Assembly	2
62	1732967	Tire, 16 x 6.50-8	2
63	1185615	Bearing Ball	2
64	1708550	Washer (1)	2
65	1715899	Cap, Dust - Geneva Wheel	2
	1721245	Cap, Dust - Disc Wheel	2
66	1737071	Steering Wheel Cap (2)(3)(4)(5)	1
67	1736572	Support Assembly - Frame (3)(4)(5)	1
68	1738414	Steering Shaft Assembly (4)(5)	1
69	1738413	Roll Pin (4)(5)	1
70	1736159	Bevel Pinion Gear (4)(5)	1
71	1185846	Flange Bushing (3)(4)(5)	1
72	1724527	Knob	2
73	1734796	Choke Control (1)	1
	1738302	Choke Control (2)(3)(4)(5)	1
74	1185985	Keps Nut No. 10-24	5
75	1715127	Housing Clamp	1
76	1186712	Thd. Cutting Screw No. 10-24 x 1/2	1
77	1734523	Throttle Control	1
78	1115815	Machine Screw No. 10-24 x 5/8	4

\* Common Hardware - Purchase Locally (Grade 6 where applicable)

Model 1858 (H18XL), 1258 (H12XL)  
 (3) Serial Numbers 0100101 thru 0199999  
 (4) Serial Numbers 0200101 thru 0299999

Model 1658 (H16XL)  
 (1) Serial Numbers 0100101 thru 0199999  
 (2) Serial Numbers 0200101 thru 0299999  
 Model 1458 (H14XL)  
 (2) Serial Numbers 0200101 thru 0299999  
 (3) Serial Numbers 0300101 thru 0399999  
 Model 1664 (H16X1)  
 (5) Serial Numbers 0100101 thru 0199999

# BOLENS 12 HP, 14 HP, 16 HP & 18 HP TRACTOR

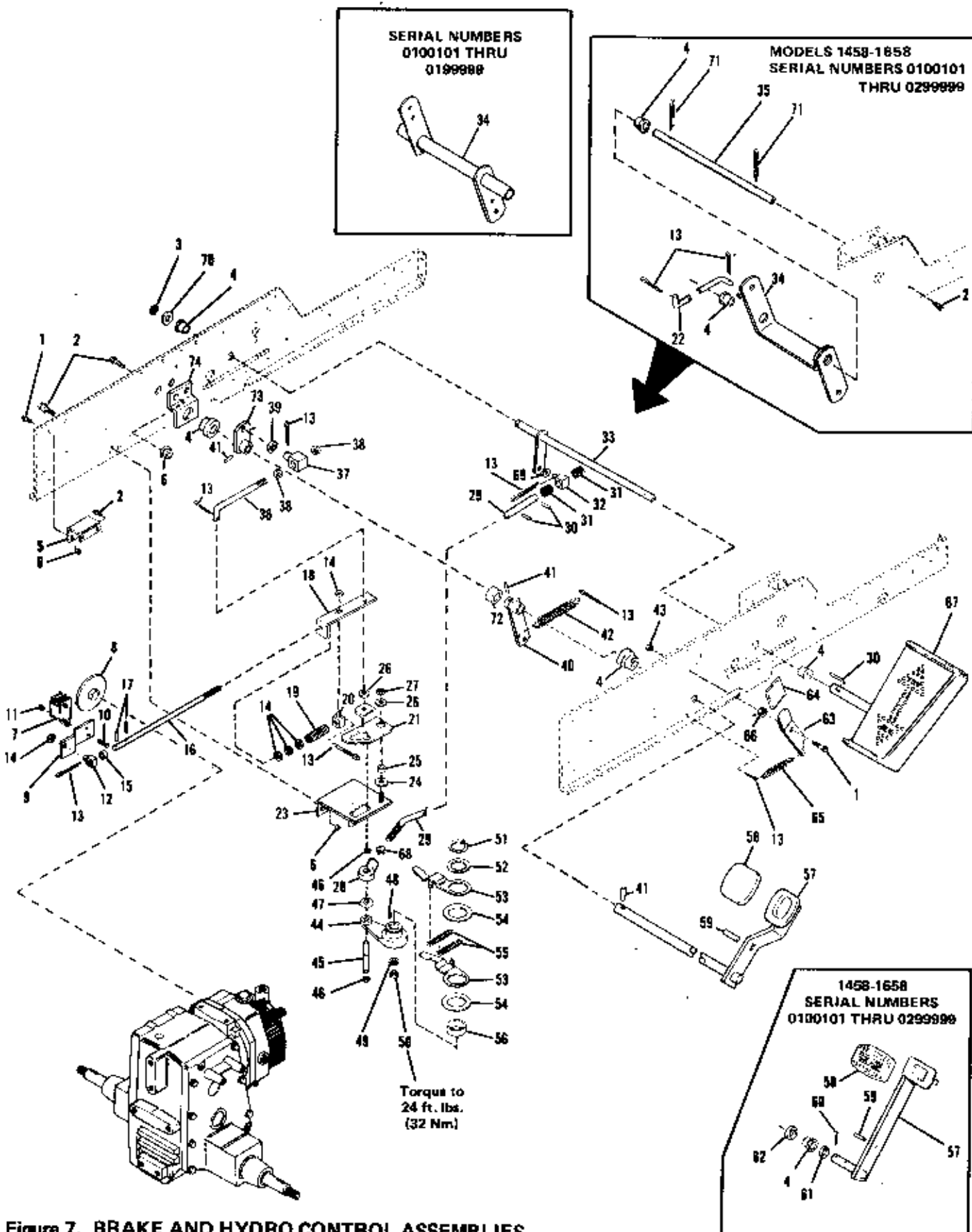


Figure 7. BRAKE AND HYDRO CONTROL ASSEMBLIES

**MODELS 1258, 1458, 1658, 1664 & 1858**

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	● 1186347	Screw, Hex Hd Flange Lock 3/8-16 x 1	3	38	1730209	Rod, Brake Control (1)(2)	1
2	● 1186345	Screw, Hex Hd Flange Lock 3/8-16 x 3/4	6		1737024	Rod Brake Control (3)(4)(5)	1
3	1118808	Ring, Retainer	1	37	1714663	Block, Pivot	1
4	1185802	Bearing, Flanged	4	38	● 1186259	Nut, Hex 3/8-16	2
5	1729496	Bracket, Transmission Support	1	39	1724403	Spacer	1
6	● 1186393	Nut, Hex Flange Lock 3/8-16	6	40	1739163	Arm Assembly, Brake (1)	1
7	1732361	Brake Assembly, Mechanical	1		1736227	Arm Assembly, Brake (2)	1
8	1729273	Disc Assembly, Brake	1		1739307	Arm Assembly, Brake (3)	1
9	1732367	Extension, Brake Arm	1		1742412	Arm Assembly, Brake (4)(5)	1
10	● 1100805	Screw, Hex Hd Cap 1/4-20 x 3/4	2	41	1732147	Pin, Drive Lock	2
11	● 1186389	Nut, Hex Whiz Lock 1/4-20	2	42	1720612	Spring, Extension	1
12	1725265	Block, Swivel	1	43	1733398	Locknut 3/8-16	1
13	● 1100348	Pin, Cotter 3/32 x 3/4	7	44	1722151	Arm, Speed Control	1
14	● 1107382	Washer, Flat 5/16	5	45	1734563	Pin, Control	1
15	1716729	Spacer	1	46	1118802	Ring, Retaining	2
16	1729217	Rod, Brake	1	47	1720699	Block, Cushion	1
17	1177625	Pin, Roll 1/8 x 3/4	2	48	1104435	Key, Woodruff	1
18	1732370	Bracket, Brake Rod	1	49	● 1107385	Washer, Flat - 1/2	1
19	1732393	Spring, Compression	1	50	● 1186233	Nut, Hex - 1/2-13	1
20	1725264	Block, Swivel	1	51	1185732	Ring, Retaining	1
21	1729213	Plate, Neutral	1	52	1720529	Washer, Thrust	1
22	1729218	Rod, Neutral Plate (1)	1	53	1720523	Arm, Neutralizer	2
23	1729445	Support Assembly, Neutral Plate	1	54	1720361	Washer, Thrust	2
24	1703052	Washer, Flat	1	55	1720928	Spring, Extension	2
25	1732369	Spacer, Tubular	1	56	1720706	Bearing	1
26	● 1107383	Washer, Flat 3/8	2	57	1729170	Pedal Assembly, Brake (1)(2)	1
27	● 1110108	Nut, Hex Lock-3/8	1		1737022	Pedal Assy., Brake (3)(4)(5)	1
28	1721612	Rod End	1	58	1725518	Pad, Pedal	1
29	1734562	Rod, Speed Control (1)	1	59	1120209	Pin, Roll	1
	1735091	Rod, Speed Control (2)(3)(4)(5)	1	60	● 1104222	Pin, Cotter 3/16 x 1-1/2 (1)(2)	1
30	1120210	Pin, Roll	3	61	1716495	Spacer (1)(2)	1
31	1721492	Spring, Compression	2	62	1727888	Spacer (1)(2)	1
32	1734827	Swivel	1	63	1726352	Lock, Brake	1
33	1729151	Shaft Assembly, Speed Control	1	64	1728696	Grip	1
34	1730206	Shaft Assembly, Brake (1)	1	65	1726640	Spring, Extension	1
	1736153	Shaft Assembly, Brake (2)	1	66	● 1186247	Hex Nut 1/2-20	1
35	1731716	Rod, Frame Support (1)	1	67	1729147	Pedal Assembly, Foot	1
	1736227	Rod, Frame Support (2)	1		● 1186246	Nut, Hex - 7/16-20	1
				69	1705108	Washer	1
				70	1715301	Thrust Washer	AR
				71	● 1100350	Cotter Pin 1/8 x 1 (2)	2
				72	1722957	Spacer (3)(4)(5)	1
				73	1737020	Arm Assembly (3)(4)(5)	1
				74	1737019	Bracket, Brake Shaft (3)(4)(5)	1

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

Model 1858 (H18XL), 1258 (H12XL)

(3) Serial Numbers 0100101 thru 0199999

(4) Serial Numbers 0200101 thru 0299999

Model 1658 (H16XL)

(1) Serial Numbers 0100101 thru 0199999

(2) Serial Numbers 0200101 thru 0299999

Model 1458 (H14XL)

(2) Serial Numbers 0200101 thru 0299999

(3) Serial Numbers 0300101 thru 0399999

Model 1664 (H16X1)

(5) Serial Numbers 0100101 thru 0199999

# BOLENS 12 HP, 14 HP, 16 HP & 18 HP TRACTOR

## WIRE COLOR CODE

1 - White	12 - Red/Yellow
2 - Black	13 - Red/White
3 - Black	14 - Red/Black
4 - Black	15 - Red
5 - Black	16 - Red
6 - Black	17 - Blue
7 - Purple	18 - Red/Yellow
8 - Purple	19 - Red/Yellow
9 - Red	20 - Red
10 - Black	21 - Blue
11 - Red	22 - Blue

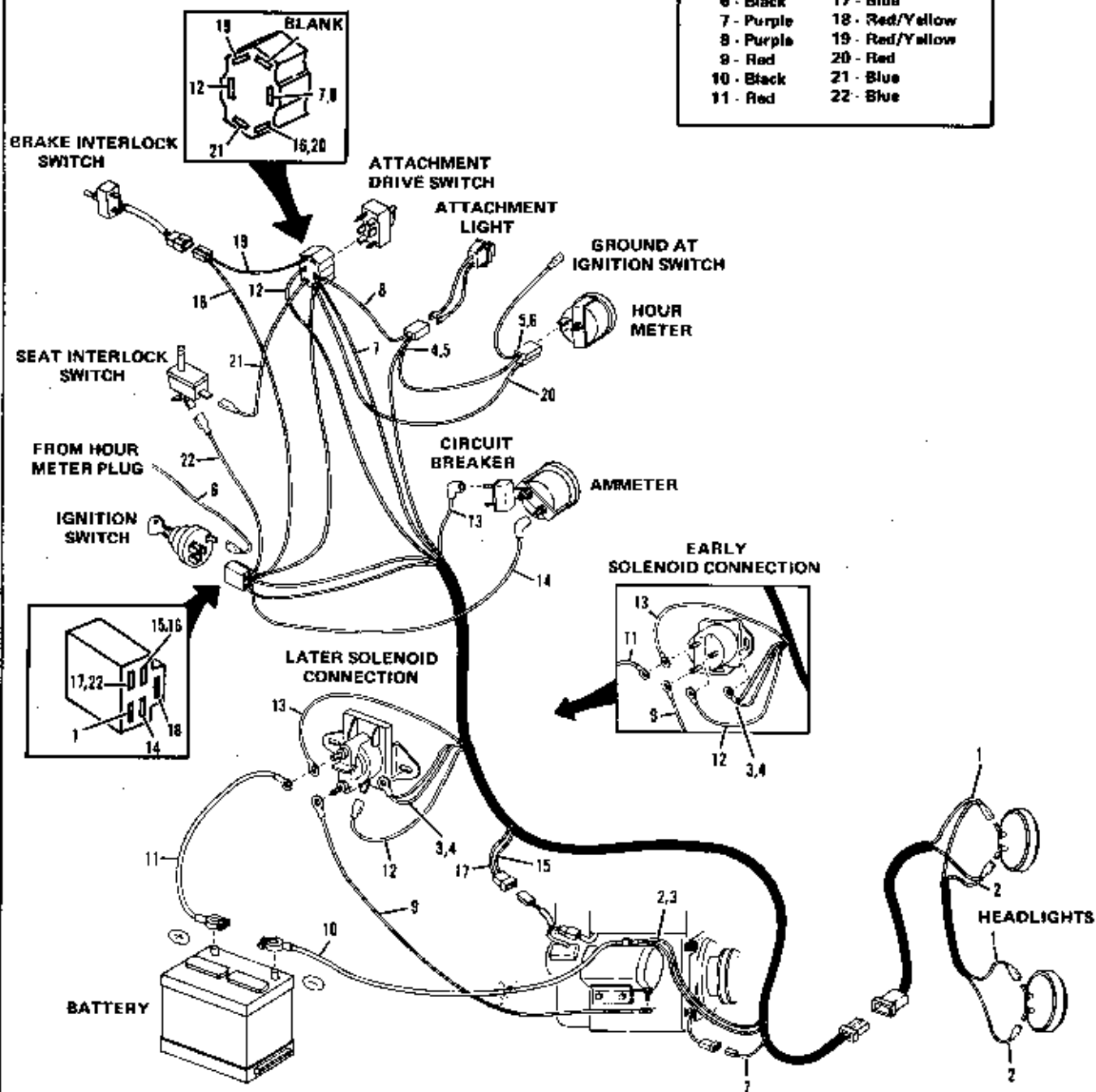
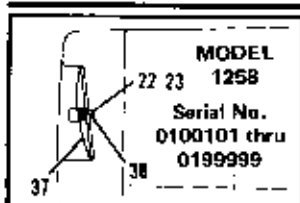
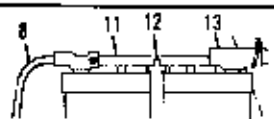


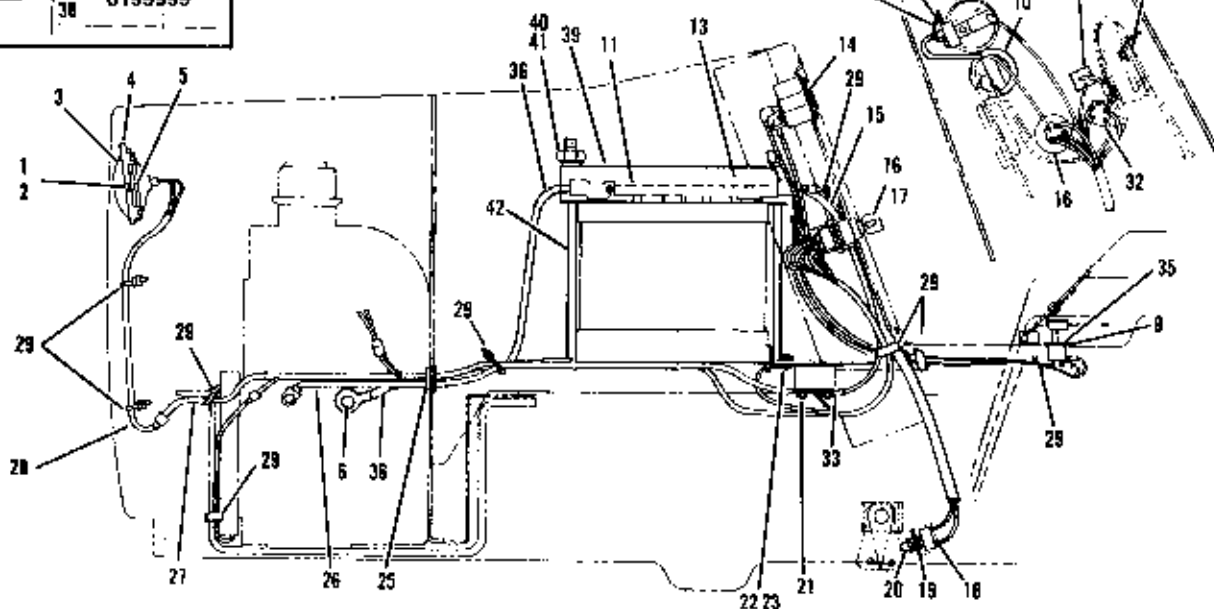
Figure 1 ELECTRICAL WIRING SYSTEM



Model 1258 S/N 01-02  
Models 1458 S/N 02-03 &  
1658 S/N 01-02



**MODELS 1258, 1458, 1658, 1664 & 1858**



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
2	1727379	Rivet, Pop 3/16 x 5/8.	4
3	1726435	Headlight	2
4	1806805	Plate, Retainer	2
5	1806808	Retainer (1458-1658-1858-1664)	2
6	1100088	Screw, Hex, 5/16-18 x 1/2	1
7	1725373	Cable, Battery, Neg (1)	1
8	1734969	Ground Cable (1)	1
9	1734366	Switch	1
10	1732263	Hour Meter (1458-1658-1858)(2)(3)(1)	1
	1742197	Hour Meter (1858)(4)	1
11	1718027	Battery, 12 Volt (1)(2)(3)	1
	1740009	Battery, 12 Volt (4)(5)	1
12	1728136	Clamp, Snap Lock (1)(2)(3)	1
13	1721413	Boot, Battery (1)(2)(3)	1
14	1718039	Ammeter 30-0-30 (1)(2)	1
	1739205	Ammeter 20-0-20 (3)(4)(5)	1
15	1725374	Cable, (Battery Pos to Solenoid)	1
16	1726169	Switch, Ignition	1
17	1718266	Key, Ignition	1
18	1733577	Switch Assembly, Interlock	1
19	1890234	Washer	2
20	1733576	Seal, Switch	1
21	1729547	Solenoid (1)(2)(3)	1
	1740056	Solenoid (4)(5)	1
22	1115815	Screw, Phil. No. 10-24 x 5/8	2

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
23	1185985	Nut, Keps Lock No. 10-24	2
24	1185232	Pin, Roll 3/16 x 1-1/4 (1)(2)(3)	2
25	1729587	Bushing, Snap	1
26	1728940	Cable (Starter to Solenoid)	1
27	1734817	Harness Main (1)(2)(3)	1
	1742112	Harness Main (4)(5)	1
28	1727169	Harness, Headlight	1
29	1805346	Cable, Tie	10
30	1729914	Circuit Breaker	1
31	1734824	Lamp, Clutch	1
32	1734356	Switch PTO	1
33	1715012	Electrical Nipple	1
34	1735285	Bulb (Mfg. No. GE 73)	1
35	1734472	Switch Seal	1
36	1736374	Cable (Battery Neg. to Engine Ground) (Replaces Ref. Nos. 7 and 8) (2)(3)(4)(5)	1
37	1717262	Lens (1258 S/N 01 only)	1
38	1725551	Plate, Switch (1258 S/N only)	1
39	1739631	Battery Hold Down (4)(5)	1
40	1734388	Lock Nut 1/4-20 (4)(5)	2
41	1107381	Flat Washer 1/4 (4)(5)	2
42	1740804	Hold Down Rod (4)(5)	1

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

Model 1458 (H14XL)

(2) Serial Numbers 0200101 thru 0299999

(3) Serial Numbers 0300101 thru 0399999

Model 1258 (H12XL), 1858 (H18XL)

(3) Serial Numbers 0100101 thru 0199999

(4) Serial Numbers 0200101 thru 0299999

Model 1664 (H16X1)

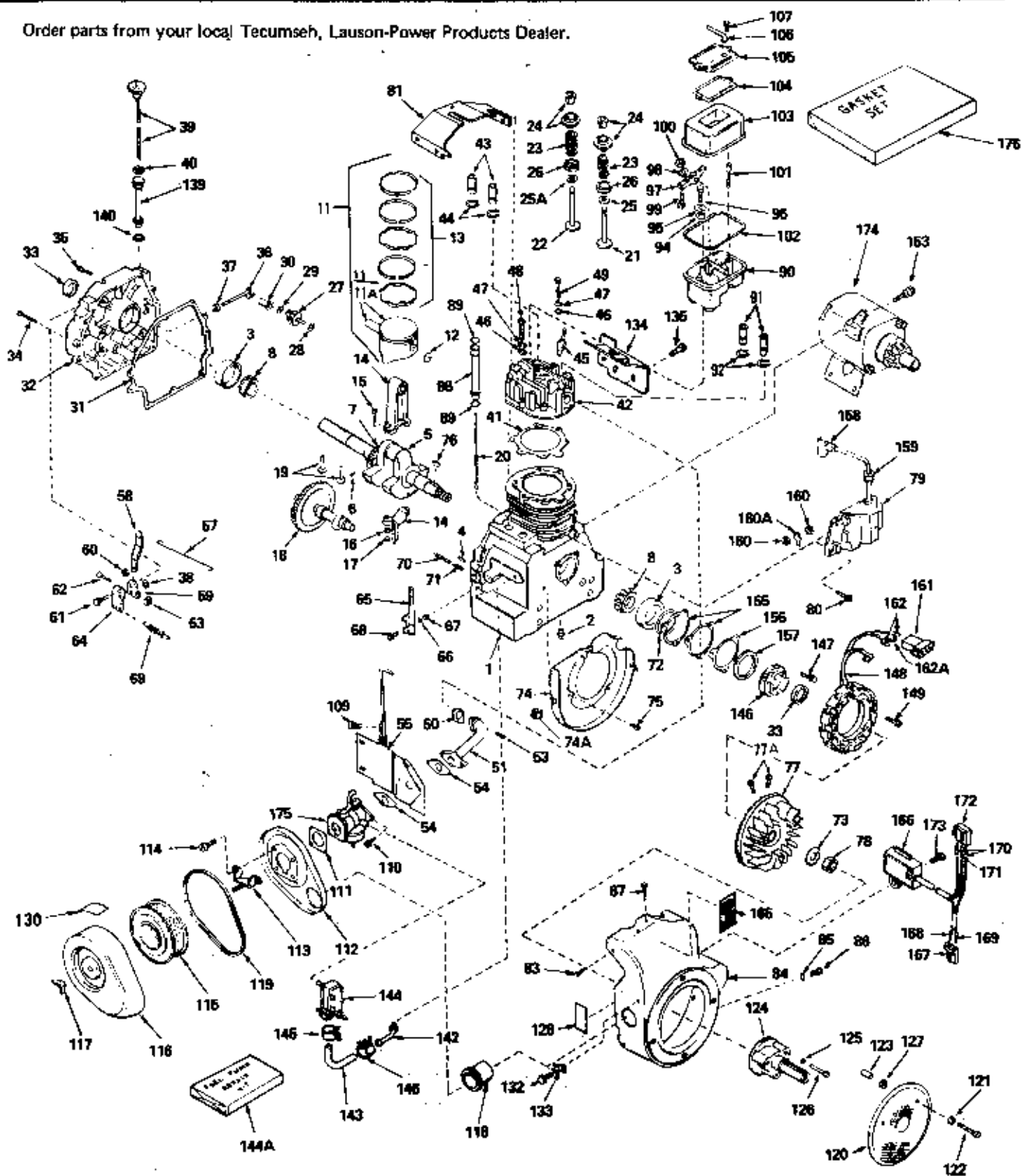
(5) Serial Numbers 0100101 thru 0199999

Model 1658 (H16XL)

(1) Serial Numbers 0100101 thru 0199999

(2) Serial Numbers 0200101 thru 0299999

Order parts from your local Tecumseh, Lauson-Power Products Dealer.



MODEL 1858 TECUMSEH ENGINE ASSEMBLY (OH180-180002) S/N 0100101-0199999  
 MODEL 1858 TECUMSEH ENGINE ASSEMBLY (OH180-180002A) S/N 0200101 AND LATER  
 MODEL 1658 & 1664 TECUMSEH ENGINE ASSEMBLY (OH160-170089A)  
**Figure 9.** MODEL 1458 TECUMSEH ENGINE ASSEMBLY (OH140-160027B)  
 MODEL 1258 TECUMSEH ENGINE ASSEMBLY (OH120-175007) S/N 0100101-0199999  
 MODEL 1258 TECUMSEH ENGINE ASSEMBLY (OH120-175007A) S/N 0200101 AND LATER



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	33464	Cylinder Assy. (Incl. Nos. 2,4 & 33)(1)	1		32620A	Piston & Pin Assy. (Incl. 2 of No. 12&13)(.040 Oversize)	1
	33762A	Cylinder Assy. (Incl. Nos. 4& 33) (2)	1		34628	Piston & Pin Assy. (Incl. Nos. 11, 12, & 13)(.040 Oversize)	1
	34599	Cylinder Assy. (Incl. Nos. 2,4 & 33) (3)(3A)	1	11A	34292B	Piston & Pin Assy. (Incl. No. 12)(Std.)(3)(3A)	1
	34623	Cylinder Assy. (Incl. Nos. 2,4 & 33)(4)(4A)	1		34629	Piston & Pin Assy. (Incl. No. 12)(Std.)(4)(4A)	1
2	31927	Plug, Oil Drain (Sq. Hd., 3/8-18)(1)	1		34293B	Piston & Pin Assy. (Incl. No. 12)(.010 Oversize)(3)(3A)	1
3	31928	Cup, Bearing	2		34630	Piston & Pin Assy. (Incl. No. 12)(.010 Oversize)(4)(4A)	1
4	27652	Pin, Dowel	2		34294B	Piston & Pin Assy. (Incl. No. 12)(.020 Oversize)(3)(3A)	1
5	34196	Crankshaft Assy. (Incl. Nos. 3, 6, 7 & 8)(1)(4)	1		34631	Piston & Pin Assy. (Incl. No. 12)(.020 Oversize)(4)(4A)	1
	34196A	Crankshaft Assy. (Incl. Nos. 3, 6, 7 & 8) (1)(4)(4A)	1		34632	Piston & Pin Assy. (Incl. No. 12)(.030 Oversize)(4A)	1
	34445	Crankshaft Assy. (Incl. Nos. 3, 6, 7 & 8)(2)(3)	1		34633	Piston & Pin Assy. (Incl. No. 12)(.040 Oversize)(4A)	1
	3445A	Crankshaft Assy. (Incl. Nos. 3, 6, 7 & 8)(3A)	1	12	31919	Ring, Piston Pin Retaining(1)(2)(3)	2
6	29783	Pin, Crankshaft Gear	1		34634	Ring, Piston Pin Retaining (4)(4A)	2
7	31931	Gear, Crankshaft (1)(2)(3)(4)	1	13	32241	Ring Set, Piston (Std.)(1)	1
	34692	Gear, Crankshaft (3A)(4A)	1		32004	Ring Set, Piston (Std.)(2)	1
8	31932	Bearing, Tapered Roller	2		34297	Ring Set, Piston (Std.)(3)(3A)	1
11	32238	Piston & Pin Assy. (Incl. 2 of No. 12)(Std.)(1)	1		34635	Ring Set, Piston(Std.)(4)(4A)	1
	32001B	Piston & Pin Assy. (Incl. 2 of No. 12) (Std.)(2)	1		32242	Ring Set, Piston (.010 Oversize)(1)	1
	34546	Piston, Pin & Ring Assy. (Incl. Nos. 11A, 12 & 13)(Std.)(3)(3A)	1		32005	Ring Set, Piston (.010 Oversize)(2)	1
	34624	Piston, Pin & Ring Assy. (Incl. Nos. 11A, 12&13)(Std.)(4)(4A)	1		34298	Ring Set, Piston (.010 Oversize)(3)(3A)	1
	32239	Piston & Pin Assy. (Incl. 2 of No. 12)(.010 Oversize)(1)	1		34636	Ring Set, Piston (.010 Oversize)(4)(4A)	1
	32002A	Piston & Pin Assy. (Incl. 2 of No. 12 & 13)(.010 Oversize)(2)	1		32243	Ring Set, Piston (.020 Oversize)(1)	1
	34547	Piston, Pin & Ring Assy. (Incl. Nos. 11A, 12 & 13)(.010)(Oversize)(3)(3A)	1		32006	Ring Set, Piston (.020 Oversize)(2)	1
	34625	Piston, Pin & Ring Assy. (Incl. Nos. 11A, 12&13)(.010)(Oversize)(4)(4A)	1		34299	Ring Set, Piston (.020 Oversize)(3)(3A)	1
	32240	Piston & Pin Assy. (Incl. 2 of No. 12)(.020 Oversize)(1)	1		34637	Ring Set, Piston (.020 Oversize)(4)(4A)	1
	32203A	Piston & Pin Assy. (Incl. 2 of No. 12 & 13) (.020 Oversize)(2)	1		32625	Ring Set, Piston (.030 Oversize)(1)	1
	34548	Piston & Pin Assy. (Incl. 2 of No. 12&13)(.020 Oversize)(3)(3A)	1		32623	Ring Set, Piston (.030 Oversize)(2)	1
	34626	Piston, pin & Ring Assy. (Incl. Nos. 11A, 12&13)(.020 Oversize)(4)(4A)	1		32626	Ring Set, Piston (.040 Oversize)(1)	1
	32621	Piston&Pin Assy. (Incl. 2 of No. 12)(.030 Oversize)(1)	1		32624	Ring Set, Piston (.040 Oversize)(2)	1
	32619A	Piston & Pin Assy. (Incl. 2 of No. 12&13)(.030 Oversize)(2)	1		34638	Ring Set, Piston (.030 Oversize)(4A)	1
	34627	Piston & Pin Assy. (Incl. Nos. 11, 12, & 13)(.030 Oversize)(4A)	1		34639	Ring Set, Piston (.040 Oversize)(4A)	1
	32622	Piston & Pin Assy. (Incl. 2 of No. 12)(.040 Oversize)(1)	1		33093A	Rod Assy., Connecting (Incl. Nos. 15, 16&27)(Std.)	1
					34383	Rod Assy., Connecting (Incl. Nos. 15, 16&27)(.010 Undersize)(2)(3)(3A)(4A)	1

Order parts from your local Tecumseh, Lauson-Power Products Outlet.

- (1) Tecumseh Model (OH160-170089A)
- (2) Tecumseh Model (OH140-160027B)

- (3) Tecumseh Model (OH120-175007)
- (3A) Tecumseh Model (OH120-175007A)
- (4) Tecumseh Model (OH180-180002)
- (4A) Tecumseh Model (OH180-180002A)

Order all parts from your local Tecumseh, Lauson-Power Products Dealer.

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
	34384	Rod Assy., Connecting (Incl. Nos. 15,16&27)(.020 Under-size)(1)(3)(3A)(4A) . . . . .	1	45	33657	Plug, Spark (Champion L-85 Or Equivalent)(Except For Canada) . . . . .	1
	34640	Rod Assy., Connecting (Incl. Nos. 15,16 & 17)(3A)(4)(4A) . . . . .	1		34046	Resistor Spark Plug (Canadian Regulations Require RL-85 Resistor Spark Plug)(1)(2)(3)(4) . . . . .	1
15	32077	Bolt, Connecting Rod. . . . .	2		34645	Resistor Spark Plug(Canadian Regulations Require RN-4 Resistor Spark Plug)(4). . . . .	1
16	26073	Washer, Connecting Rod. . . . .	2	46	650690	Washer, Belleville. . . . .	6
17 *	28264	Nut, Connecting Rod, 5/16-24 . . . . .	2	47 *	650691	Washer, Flat . . . . .	6
18	33470	Camshaft(Mech. Compression Release)(1)(2)(3)(4). . . . .	1	48 *	650692	Screw, Hex Hd. Cap, 5/26-18 x 1-3/4 . . . . .	4
	34752	Camshaft(Mech. Compression Release)(3A)(4A) . . . . .	1	49 *	650746	Screw, Hex Hd. Cap, 5/16-18 x 1-3/8 . . . . .	2
19	33472	Lifter, Valve. . . . .	2	50 *	33515	Gasket, Intake Pipe . . . . .	1
20	33471	Rod, Push . . . . .	2	51	33475	Pipe, Intake . . . . .	1
21	33505	Valve, Intake(Std.)(1)(2)(3)(3A) . . . . .	1	53 *	792028	Screw, Hex Hd. Sems, 5/16-18 x 7/8. . . . .	2
	34643	Valve, Intake(Std.)(4)(4A) . . . . .	1	54 *	33476	Gasket, Carburetor . . . . .	2
	33645	Valve Intake (1/32" Oversize) (1)(2)(3)(3A) . . . . .	1	55	34286	Baffle, Air . . . . .	1
	34644	Valve Intake (1/32" Oversize) (4)(4A) . . . . .	1	57	33478	Link, Governor Lever-To-Throttle. . . . .	1
22	33506	Valve, Exhaust (Std.) . . . . .	1	58	31963	Lever, Governor Adjusting . . . . .	1
	33646	Valve, Exhaust (1/32" Oversize) . . . . .	1	59	31964	Clamp, Governor Lever. . . . .	1
23	33507	Spring, Valve . . . . .	2	60 *	650518	Lockwasher, No. 10 ET . . . . .	1
24	33508	Retainer & Cap Set, Keeper Valve . . . . .	2	61 *	30312	Screw, Hex Slotted Hd. Sems 10-32 x 1/2 . . . . .	1
25 *	33509	"O" Ring . . . . .	2	62 *	650544	Screw, Pan Flex Hd., 10-24 x 7/8. . . . .	1
25A *	34410	"O" Ring (2)(3)(3A) . . . . .	2	63 *	7975	Nut, Square, 10-24 . . . . .	1
26	33510	Cap, Valve . . . . .	2	64	31965	Plate, Governor Spring . . . . .	1
27	33473	Gear & Shaft Assy. Governor (1)(2)(3)(4) . . . . .	1	65	31984A	Lever, Control . . . . .	1
	34751	Gear & Shaft Assy., Governor (3A)(4A) . . . . .	1	66	28558	Washer, Wave . . . . .	1
28 *	850745	Washer, Flat . . . . .	1	67	31966	Bushing, Governor Lever. . . . .	1
29 *	30590A	Washer, Flat . . . . .	1	68 *	650597	Screw, Hex Washer Hd. Mach., 10-24 x 5/8 . . . . .	1
30	31948	Spool, Governor . . . . .	1	69	31967	Spring, Governor. . . . .	1
31 *	31956	Gasket, Cylinder Cover (1)(2) . . . . .	1	70 *	650691	Screw, Fil. Slotted Hd. Mach., 10-24 x 2. . . . .	1
	31956A	Gasket, Cylinder Cover (3)(4) (3A)(4A) . . . . .	1	71	33099	Spring, Locking. . . . .	1
32	32685	Cover Assy., Cylinder (Incl. Nos. 2,33,36,37,38 & 140) . . . . .	1	72 *	32599	"O" Ring . . . . .	1
33	31950	Seal, Oil. . . . .	2	73	650615	Washer, Flat. . . . .	1
34 *	30564	Screw, Hex Hd. Cap Sems, 1/4-20 x 1 . . . . .	8	74	32579	Baffle, Blower Housing. . . . .	1
35 *	650588	Screw, Hex Hd. Sems, 1/4-20 x 2 . . . . .	1	74A	28545	Grommet, Plastic (1)(2)(3) . . . . .	1
36	32425	Rod Assy., Governor . . . . .	1	75 *	650561	Screw, Phil. Hex Hd. Sems, 1/4-20 x 5/8. . . . .	3
37	32426	Spacer, Governor Rod . . . . .	1	76	650592	Key, Flywheel . . . . .	1
38	29193	Ring, Retaining. . . . .	1	77	610909	Flywheel . . . . .	1
39	33068	Dipstick, Oil Fill (Incl. No. 40) . . . . .	1	77A	730201	Trigger Pinkit (3A) . . . . .	1
40	29985	"O" Ring . . . . .	1	78	650616	Nut, Flywheel Pilot . . . . .	1
41 *	33474	Gasket, Cylinder Head (1)(2) . . . . .	1	79	6109906	Magneto, Solid State (Incl. Nos. 158 thru 160A) . . . . .	1
	34302	Gasket, Cylinder Head (3)(3A) . . . . .	1	80	650681	Screw, Phil. Fil. Hd. W/Conical Spring Lockwasher 1/4-20x 3/4 . . . . .	2
	34641	Gasket, Cylinder Head (4)(4A) . . . . .	1	81	34284	Cover, Cylinder Head . . . . .	1
42	33485	Head, Cylinder (1). . . . .	1	83	650751	Screw, Phil. Hex Hd. W/Conical Spring Washer, 1/4-20 x 7/16 . . . . .	1
	33763	Head, Cylinder (2). . . . .	1	84	34195A	Housing, Blower(1)(2) . . . . .	1
	34303	Head, Cylinder (3). . . . .	1				
	34767	Head, Cylinder (3A). . . . .	1				
	34642	Head, Cylinder (4). . . . .	1				
	34771	Head, Cylinder (4A). . . . .	1				
43	730195	Guide Kit, Valve (Incl. No. 44) . . . . .	1				
44	34315	Ring, Retaining. . . . .	1				

Order parts from your local Tecumseh, Lauson-Power Products Outlet.

\* Common Hardware - purchase locally (Grade 5 where applicable)

\* Indicates items included in gasket set.

(1) Tecumseh Model (OH160-170089A) (3A) Tecumseh Model (OH120-175007A)

(2) Tecumseh Model (OH140-160027B) (4) Tecumseh Model (OH180-180002)

(3) Tecumseh Model (OH120-175007) (4A) Tecumseh Model (OH180-18002A)

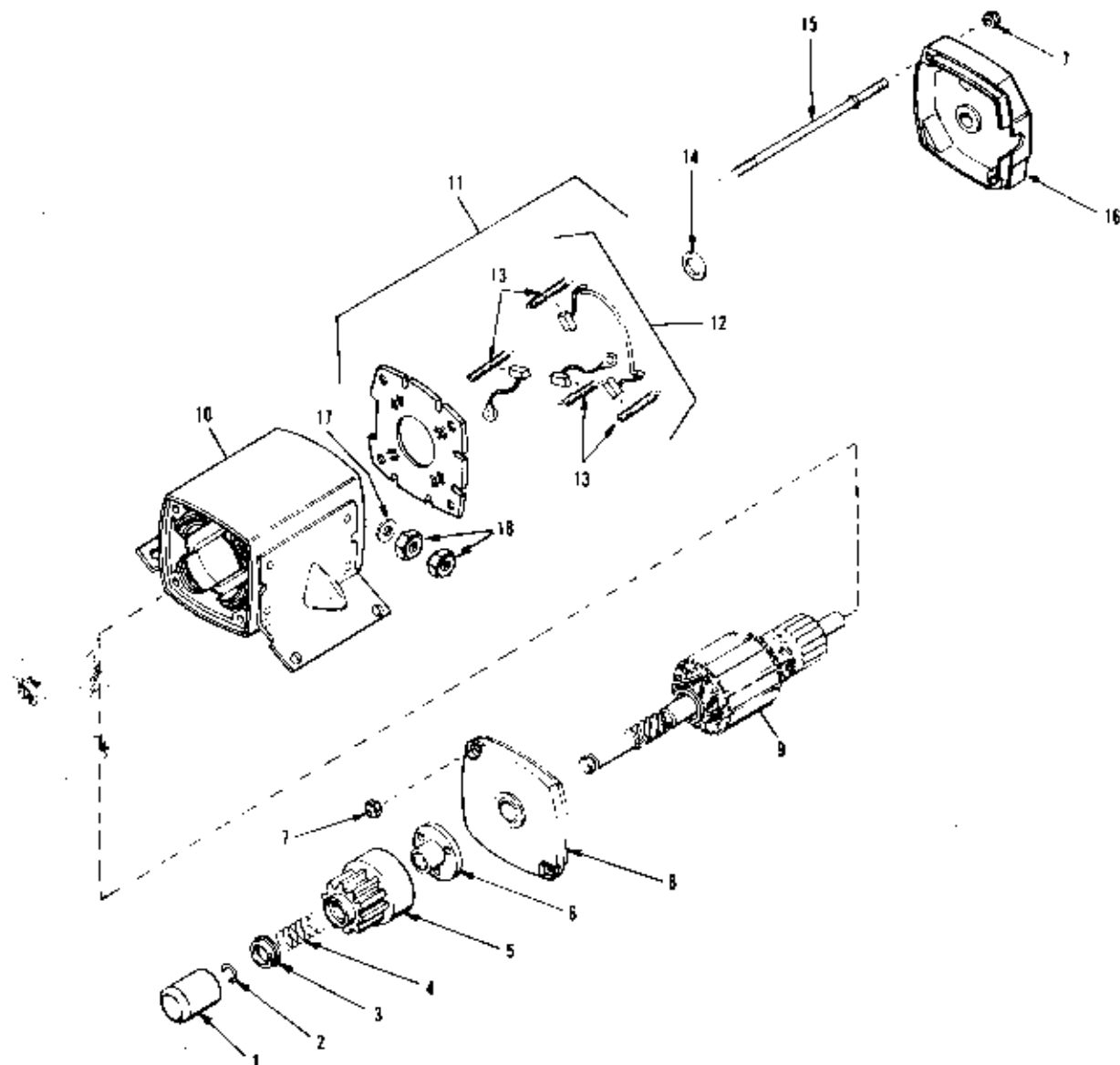
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
85	341958	Housing, Blower (3)(4)(3A)(4A)	1
86	8274	Lockwasher, Split, 5/16	2
86	650595	Screw, Hex Hd. Cap, 5/16-24 x 3/8	2
87	650752	Screw, Phil. Hex Hd. Sems, 1/4-20 x 7/16	1
88	33480	Tube, Push Rod	2
89	33481	"O" Ring	4
90	33482	Housing, Rocker Arm(1)(2)(3)(4)	1
91	34754	Housing, Rocker Arm(3A)(4A)	1
91	730195	Valve Guide Kit (Incl. No. 92)(3A)	1
92	34315	Ring Retaining (3A)	1
94	33484	"O" Ring	3
95	650168	Washer Flat	3
96	32610A	Screw, Flanged Hex Hd., 1/4-20 x 29/32	3
97	33485	Arm, Rocker	2
98	33486	Ring, Retianing	2
99	650755	Screw, Adjusting	2
100	650456	Nut, Flange Whiz-Lock, 1/4-20	2
101	650756	Stud, Rocker Arm Cover	2
102	33487	"O" Ring	1
103	33488	Cover, Rocker Arm Housing	1
104	31958	Gasket, Breather	1
105	33489	Body Assy., Breather	1
106	33490	Tube, Breather	1
107	30102	Screw, Hex Slotted Washer Hd. Sems, 10-32 x 5/8	2
109	650737	Screw, Phil. Hex Spinlock Hd. Thread Forming, 1/4-20 x 1/2	1
110	650378	Screw, Fil. Hd. Sems, 5/16-18 x 1-1/8	2
111	33492	Gasket, Air Cleaner	1
112	34192	Bracket, Air Cleaner	1
113	33494	Bracket, Air Cleaner	1
114	650399	Screw, Phil. Fil. Hd. Sems, 10-32 x 5/8	4
115	32008	Element, Air Cleaner	1
116	34193	Cover, Air Cleaner	1
117	660513	Nut, Wing, 1/4-20	1
118	34194	Tube, Air Cleaner	1
119	34197	Gasket, Air Cleaner	1
120	32953	Screen, Starter Pulley	1
121	27070	Washer, Lock	3
122	660670	Screw, Truss Hd. Mach. 1/4-20 x 3/4	3
123	32426	Spacer, Screen	3
124	32252	Shaft, Flywheel Extension	1
125	27513	Washer, Lock	3
126	792051	Screw, Ferry Cap "Counter-Bar", 1/4-20 x 1-3/4	3
127	650675	Washer	3
128	34346	Decal, Name & Instruction	1
130	31752	Decal, Air Cleaner(1)	1
130	34316	Decal, Air Cleaner (2)(3)	1
132	28942	Screw, Hex Hd. Slotted Sems, 10-32 x 3/8(1)(2)(3)(4)	1
133	27793	Clip, Conduit(1)(2)(3)(4)	1
134	34283	Cover, Cylinder Head	1

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
135	30688	Screw, Hex Hd. Cap Sems, 1/4-20 x 1/2	2
139	32352	Tube Assy., Oil Filler	1
140	29673	Gasket, Oil Filler	1
142	32958	Fitting, Fuel Pump	1
143	34357	Line, Fuel Pump (1)	1
	29774	Line, Fuel Pump(2)(3)(4)(3A)(4A)	1
144	34286	Pump, Fuel	1
144A	33010	Repair Kit, Fuel Pump	1
145	26460	Clamp, Fuel Line	2
146	32577	Cover Cylinder (See Note 1)	1
147	792028	Screw, Hex Hd. Sems, 5/16-18 x 7/8	3
148	610902	Coil Assy., Alternator (Incl. Nos. 161,162 &162A)	1
149	650621	Screw, Phil. Fil. Hd. Sems, 10-32 x 1-1/8	2
153	650781	Screw, Hex Hd. Cap Sems, 5/16-18 x 11/16	3
155	31971	Gasket, Shim (.004/.005 Thick, See Note 1)	1
156	31972	Gasket, Shim (.005/.007 Thick See Note 1)	1
157	32031	Spacer, Steel (.010 Thick, See Note 1)	1
158	610118	Cover, Spark Plug	1
159	610750	Grommet, Lead Wire	1
160	610408	Nut, Hex 10-32	2
160A	610908	Terminal, Female 1/4"	1
161	610903	Connector, Flat	1
162	610995	Terminal	2
162A	610904	Terminal	1
165	34316	Decal, Name (4)	1
	34768	Decal, Name (4A)	1
166	610988	Regulator (Incl. Nos. 167 Thru 172)(1)(2)	1
	610996	Regulator(Incl. Nos. 167 Thru 172)(3)(4)(3A)(4A)	1
167	610921	Connector	1
168	610989	Terminal	1
169	610922	Terminal	1
170	610991	Terminal, Female	2
171	610992	Terminal, Female	1
172	610990	Connector, Male	1
173	30688	Screw, Hex Hd. Cap Sems, 1/4-20 x 1/2	1
174	33835	Motor, Starter (12 Volt)(Incl. No. 153)	1
175	631754	Carburetor (Incl. No. 54)(1)	1
	631718A	Carburetor (Incl. No. 54)(2)	1
	632020	Carburetor (Incl. No. 54)(3)	1
	632193	Carburetor (Incl. No. 54)(3A)	1
	632151	Carburetor (Incl. No. 54)(4)	1
	632159	Carburetor (Incl. No. 54)(4A)	1
176	33516A	Gasket Set (Incl. Items Marked* (1)	1
	33516	Gasket Set (Incl. Items Marked* (2)	1
	33516C	Gasket Set (Incl. Items Marked* (3)	1
	33516D	Gasket Set (Incl. Items Marked* (4) (3A) (4A)	1

(1) Tecumseh Model (OH160-170089A)  
 (2) Tecumseh Model (OH140-160027B)  
 (3) Tecumseh Model (OH120-175007)  
 (3A) Tecumseh Model (OH120-175007A)  
 (4) Tecumseh Model (OH180-180002)  
 (4A) Tecumseh Model (OH180-180002A)  
 \* Indicates items included in gasket set.

Order parts from your local Tecumseh, Lauson-Power Products Outlet.  
 • Common Hardware - purchase locally (Grade 5 where applicable).  
 Note: Determine the gap between the cover and the machined surface on the cylinder, which can be from .001 "up to .007", in which case no shim gaskets will be required. Use of gaskets must be limited to a combined total of .010 thick. Steel spacers must be used as required to eliminate crankshaft end play.

# BOLENS 14 HP, 16 HP & 18 HP TRACTOR

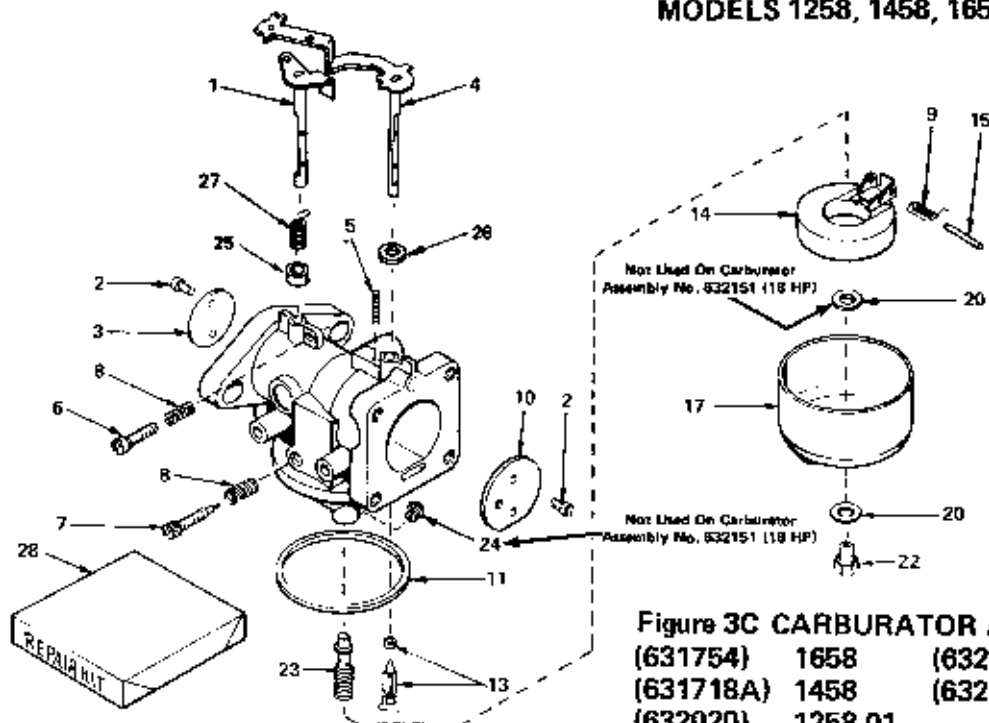


REF. NO.	TECUMSEH PART NO.	DESCRIPTION	NO. REQ'D.
1	33841	Cover, Dust	1
2	33842	Ring, Retainer	1
3	33843	Retainer, Spring	1
4	33854	Spring, Anti-drift	1
5	33844	Gear	1
6	33433	Nut, Engaging	1
7	33450	Nut, Lock	4
8	33845	Cap Assy., Drive end	1
9	33846	Armature	1
10	33847	Housing Ass'y.	1
11	33848	Card Assy., Brush (incl. No. 12)	1

REF. NO.	TECUMSEH PART NO.	DESCRIPTION	NO. REQ'D.
12	33849	Brush & Spring Kit (Incl. 4 pcs. of No. 13)	1
13	33850	Spring, Brush	4
14	590500	Washer, Thrust	1
15	33851	Bolt, 10-32 x 5-1/4	2
16	33852	Cap Assy., Commutator end	1
17	650168	Washer, Flat	1
18	650723	Nut, Hex	2

## STARTER ASSEMBLY (33835)

## MODELS 1258, 1458, 1658, 1664 & 1858



**Figure 3C CARBURATOR ASSEMBLY**  
 (631754) 1658 (632193) 1258-02  
 (631718A) 1458 (632159) 1858-02  
 (632020) 1258-01  
 (632151) 1858-01

REF. NO.	TECUMSEH PART NO.	DESCRIPTION	NO. REQ'D
1	631681	Shaft & Lever Assy., Throttle (Incl. No. 2) . . . .	1
	632152	Shaft & Lever Assy., Throttle (Incl. No. 2)(3A) . .	1
	632160	Shaft & Lever Assy., Throttle (Incl. No. 2)(4A) . .	1
2	30357	Screw, Rd. Hd., 6-32 x 1/4 (Early Production) . . . . .	4
	650506	Screw, Pan Hd. 4-40 x 3/16 (Late Production)(3A)(4A)	4
3	631682	Shutter, Throttle . . . . .	1
4	631683	Shaft & Lever Assy., Choke (Incl. No. 2) . . . . .	1
5	27113	Spring, Choke Stop . . . . .	1
6	650399	Screw, Throttle Adjusting . .	1
7	*27112	Needle, Idle Adjusting . . . .	1
8	27114	Spring, Adjusting . . . . .	2
9	31503	Spring, Float Shaft(2)(3)(3A)	1
	632017	Spring, Float Shaft(1)(4)(4A)	1
10	631684	Shutter, Choke . . . . .	1
11	*27109	Gasket, Bowl-to-body . . . . .	1
13	*631687	Valve, Seat & Spring Assy.(Incl. No. 9)(1)(3)(3A)	1
	632024	Valve, Seat & Spring Assy.(Incl. No. 9)(2)(4)(4A)	1
14	27105	Float . . . . .	1

REF. NO.	TECUMSEH PART NO.	DESCRIPTION	NO. REQ'D
15	*27106	Shaft, Float . . . . .	1
17	29170	Bowl, Float . . . . .	1
20	*27110	Gasket, Bowl-to-body . . . . .	2
22	631713	Nut, Float Bowl (1)(2)(3) . . .	1
	632194	Nut, Float Bowl(3A) . . . . .	1
	532154	Nut, Float Bowl (4)(4A) . . . .	1
	*632154	Nut, Float Bowl (4) . . . . .	1
23	631685	Nozzle, Main (1) . . . . .	1
	631942	Nozzle, Main (2) . . . . .	1
	632022	Nozzle, Main (3)(3A) . . . . .	1
	632153	Nozzle, Main (4)(4A) . . . . .	1
24	631852	Fuel Jet, Main (1) . . . . .	1
	632018	Fuel Jet, Main (2) . . . . .	1
	632023	Fuel Jet, Main (3) . . . . .	1
25	632039	Seal, Throttle Shaft Dust . . . .	1
26	632040	Seal, Choke Shaft Dust . . . . .	1
27	32096	Spring, Throttle Return . . . .	1
28	631719	Repair Kit (Incl. items marked*) (1) (3) . . . . .	1
	632025	Repair Kit (Incl. items marked*) (2) . . . . .	1
	632156	Repair Kit (Incl. items marked* (4) . . . . .	1
	632155	Repair Kit (Incl. items marked* (4)(4A) . . . . .	1
	632195	Repair Kit (Incl. items marked* (3A) . . . . .	1

(1) Model 1658 - Tecumseh Carburetor (631754)  
 (2) Model 1458 - Tecumseh Carburetor (631718A)  
 (3) Model 1258 - Tecumseh Carburetor (632020)

(3A) Model 1258 - Tecumseh Carburetor (632193)  
 (4) Model 1858 - Tecumseh Carburetor (632151)  
 (4A) Model 1858 - Tecumseh Carburetor (632159)