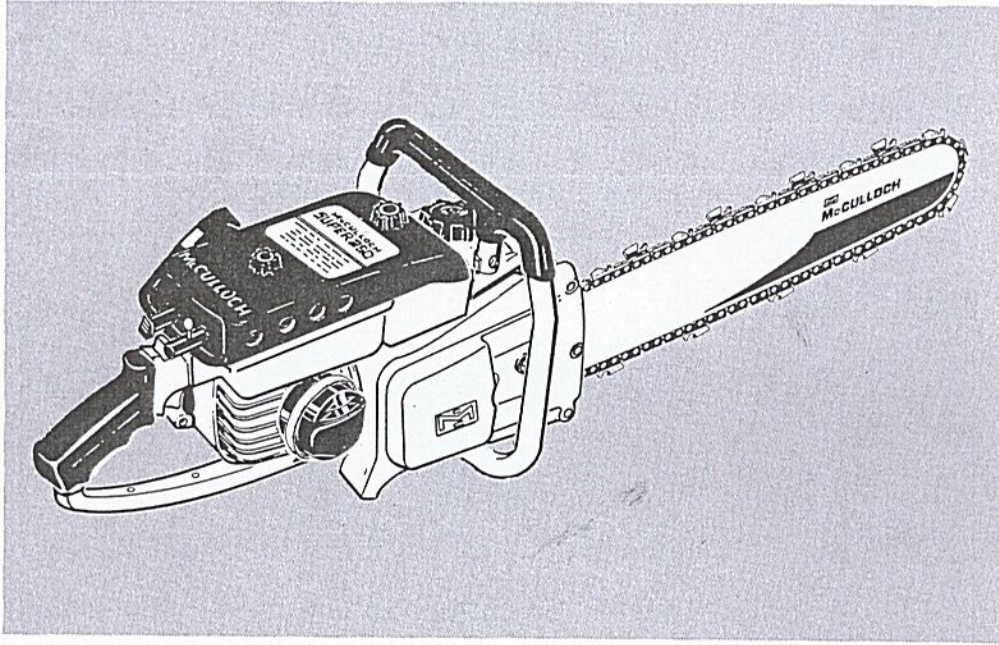


# Super 250 Chain Saw

MODEL NO. 600100 SERIAL NUMBERS PREFIXED 12-, A12-

## ILLUSTRATED PARTS LIST



May 1970

The policy of McCulloch Corporation is one of continual improvement in design, manufacturing and engineering advancement wherever possible to assure still finer two-cycle power tools. Hence, specifications, equipment, colors, design and manufacturer's suggested list prices are subject to change without notice and McCulloch Corporation reserves the right to make such changes without prior notification or obligation to backfit or supply backfit components for units previously shipped from the factory.

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# McCULLOCH



# SUPER 250

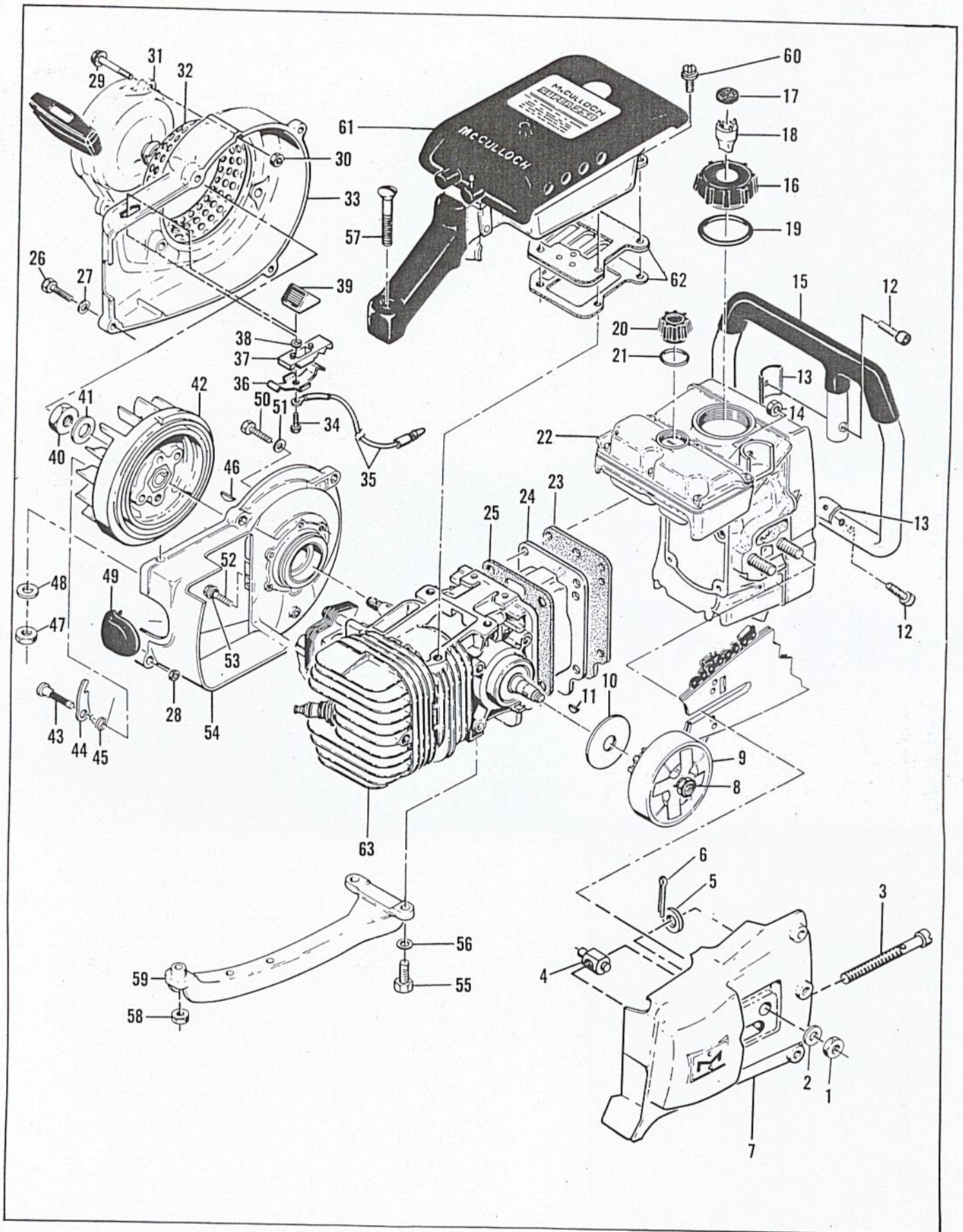


Figure 1. General



FIGURE 1. GENERAL

Item No.	Part Number	Description	Units Per Assy
1	110625	Nut - Hex 3/8-24	2
2	100006	Washer - 3/8	2
3	60133A	Guard Assy - Clutch	1
	62057	. Screw - Fil hd 1/4-28 x 3-1/2	1
4	52207C	. Nut - Bar adjusting	1
5	100004	. Washer - 1/4	1
6	105686	. Pin - Cotter	1
7	60134	. Guard - Clutch	1
8	110625	Nut - Hex 3/8-24	1
9		Clutch, Drum & Sprocket, Bearing Assy (See Figure 7)	1
10	51420	Washer - Special	1
11	103879	Key - Woodruff	1
12	105187	Screw - Skt hd 1/4-20 x 1-1/8	3
13	83233	Spacer - Frame	3
14	101143	Nut - Hex 1/4-20	3
15	83429	Frame & Grip Assy	1
	83500	Frame Assy ("C" frame on models w/ser. nos. prefixed A12-)	1
16	55934B	Cap Assy - Fuel	1
17	55063	. Filter - Fuel cap	1
18	53766A	. Valve - Fuel cap	1
19	101348	"O" Ring	1
20	57129A	Cap - Oiler	1
21	101148	"O" Ring	1
22		Oiler & Fuel Tank Assys (See Figure 3)	1
23	65669	Gasket - Fuel tank	1
24	60251A	Cover - Crankcase bottom	1
25	65654	Gasket - Bottom	1
26	102760	Screw - Hex hd 10-24 x 1	4
27	110264	Washer - #10	4
28	101326	Nut - Hex 10-24	2
29	104815	Screw - Hex hd 10-24 x 7/8 (SEMS)	3
30	101191	Nut - Hex 10-24	3
31		Starter Assy (See Figure 2)	

Item No.	Part Number	Description	Units Per Assy
32	50581A	Guard - Sawdust	1
33	53488	Fan Housing Assy	1
34	103672	. Screw - Fil hd 8-32 x 1/2 (SEMS)	1
35	53490	. Wire Assy - Stop switch	1
36	59592	. Contact - Switch	1
37	59591	. Base - Switch	1
38	100057	. Lockwasher - #8	1
39	57718	. Button - Switch	1
40	101179	Nut - Hex 7/16-20	1
41	101270	Washer - 7/16	1
42	68282	Flywheel & Pawl Assy	1
43	36144B	. Pin - Pawl	2
44	24093	. Pawl - Starter	2
45	66351	. Spring - Pawl	2
46	103879	Key - Woodruff	1
47	101326	Nut - Hex 10-24	1
48	105048	Washer - 3/16	1
49	57565	Cover Assy - Spark plug	1
50	102289	Screw - Hex hd 10-24 x 3/4	4
51	102189	Washer - #10	3
52	55494	Screw Assy - Sealing	2
53	55492	. Washer - Sealing	
54		Crankcase Cover Assy (See Figure 2)	2
55	100882	Screw - Hex hd 1/4-20 x 3/4	2
56	100004	Washer - 1/4	2
57	104435	Screw - Oval hd 10-24 x 1-3/4	1
58	101191	Nut - Hex 10-24	1
59	65332	Brace - Handle	1
60	110127	Screw - Hex hd 10-24 x 7/8 (SEMS)	2
61		Cover & Airbox Assys (See Figure 4)	
62		Reed Plate Assy (See Figure 4)	
63		Powerhead Assys (See Figure 7)	



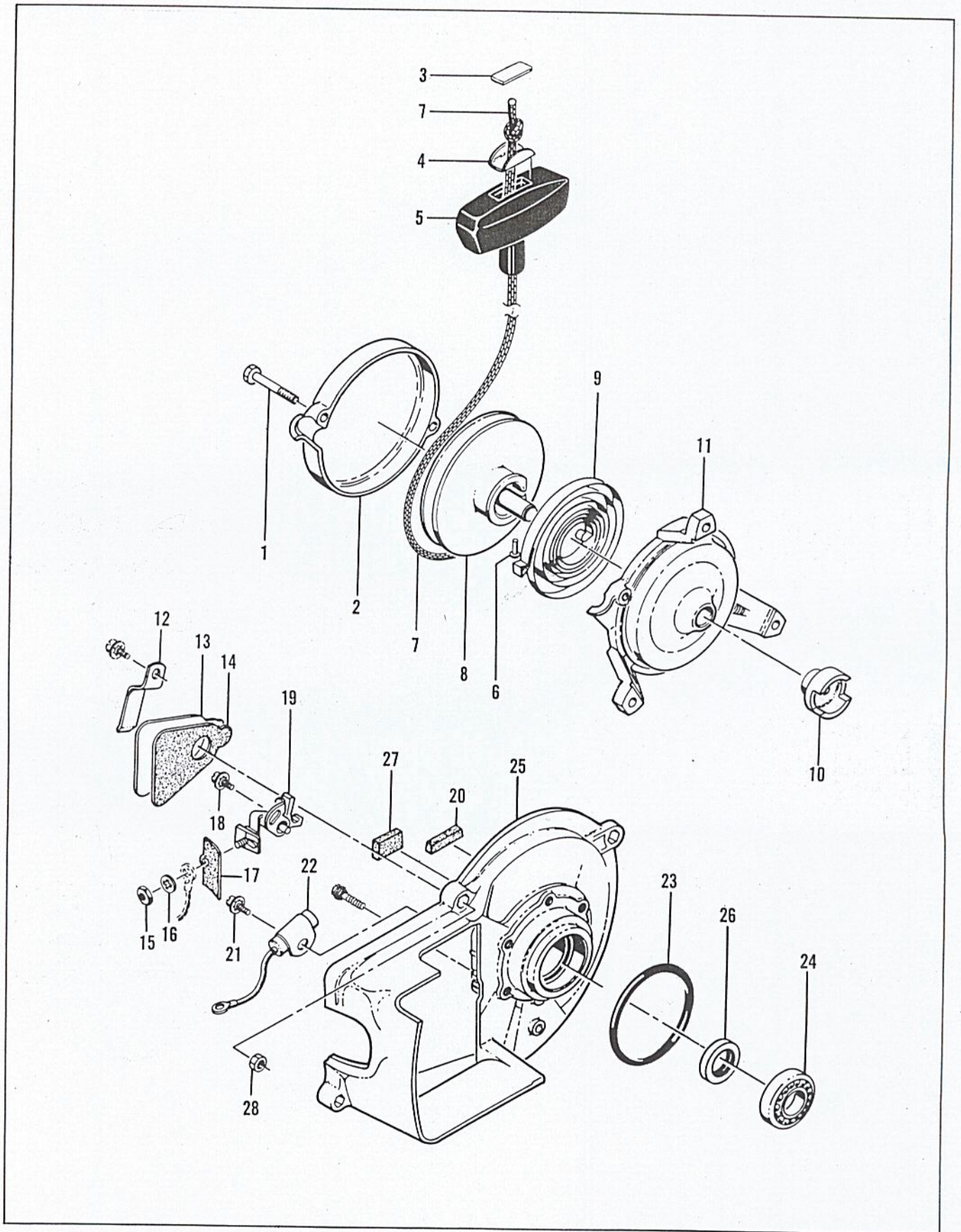


Figure 2. Starter and Crankcase Cover Assemblies



FIGURE 2. STARTER AND CRANKCASE COVER ASSEMBLIES

Item No.	Part Number	Description	Units Per Assy
	84211	Starter Assy	1
1	104396	. Screw - Pan hd 10-24 x 3/4	2
2	60647	. Cover - Starter	1
3	57232	. Plate - Starter handle	1
4	57231	. Cup - Starter handle	1
5	57230	. Handle - Starter	1
6	101136	. Rivet	1
7	28716	. Rope - Starter	1
8	84185	. Drum - Starter	1
9	51665	. Spring - Rewind	1
10	57790	. Ratchet - Starter	1
11	84212	. Base - Starter	1
12	50671	Retainer - Breaker box cover	1
13	50588A	Cover - Breaker box	1
14	65584	Gasket - Breaker box	1

Item No.	Part Number	Description	Units Per Assy
15	100251	Nut - Hex 8-32	1
16	100057	Lockwasher - #8	1
17	50381A	Insulator - Breaker terminal	1
18	103672	Screw - Hex hd 8-32 x 1/2 (SEMS)	1
19	50076A	Breaker Assy	1
20	50664	Felt - Breaker box	1
21	103672	Screw - Hex hd 8-32 x 1/2 (SEMS)	1
22	50074	Condenser	1
23	104523	"O" Ring	1
24	100824	Bearing - Ball	1
25	57126A	Crankcase Cover Assy	1
26	50663	. Seal - Oil	1
27	54184	. Wiper - Felt	1
28	101326	. Nut - Hex 10-24	2



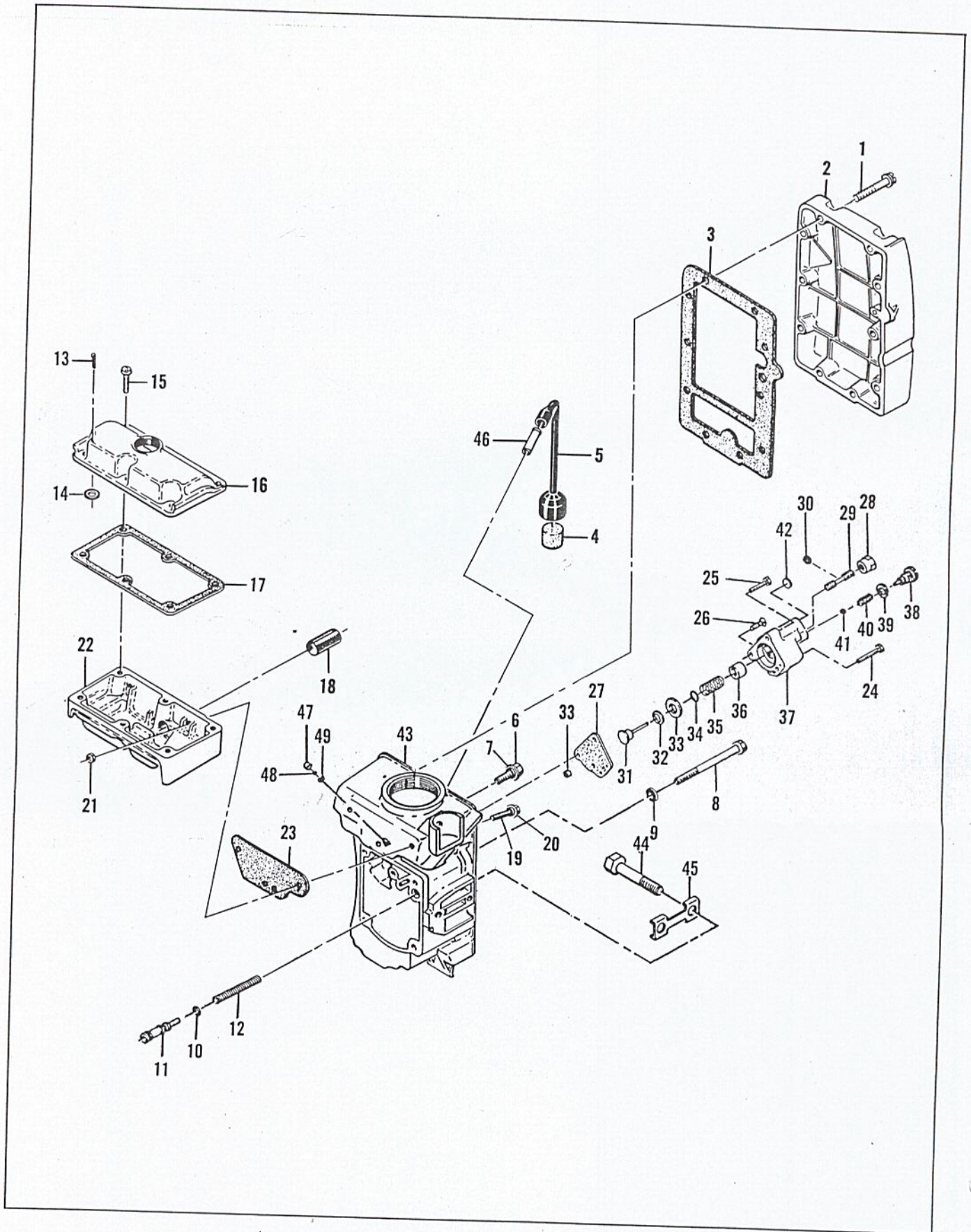


Figure 3. Oiler and Fuel Tank Assemblies



**FIGURE 3. OILER TANK AND FUEL TANK ASSEMBLIES**

Item No.	Part Number	Description	Units Per Assy
1	104396	Screw - Pan hd 10-24 x 3/4	10
2	68988	Cover - Fuel tank	1
3	65580	Gasket - Fuel tank	1
4	50124A	Filter - Fuel tank	1
5	50082	Hose - Fuel	1
6	57840	Screw Assy - Sealing	3
7	50261	. Washer - Sealing	3
8	50523	Screw Assy - Sealing	1
9	50261	. Washer - Sealing	1
10	101056	"O" Ring	1
11	83405	Piston - Oiler	1
12	68705	Spring - Oiler	1
13	100010	Pin - Cotter 1/16 x 1/2	1
14	69352	Washer - Felt	1
15	104395	Screw - Pan hd 10-24 x 5/8	6
16	57114A	Cover - Oil tank	1
17	57152	Gasket - Oil tank cover	1
18	57279	Screen - Oil tank	1
19	55494	Screw Assy - Sealing	3
20	55492	. Washer - Sealing	3
21	101326	Nut - Hex 10-24	3
22	66618	Tank - Oiler	1
23	57147	Gasket - Oiler tank	1
24	110257	Screw - Hex hd 10-24 x 1-3/4 (SEMS)	1
25	110127	Screw - Hex hd 10-24 x 7/8 (SEMS)	1

Item No.	Part Number	Description	Units Per Assy
26	110245	Screw - Flat hd 10-24 x 3/4	1
27	65673	Gasket - Pulse pump	1
	83135	Pulse Pump Assy	1
28	60976	. Locknut - 10-24	1
29	67929	. Screw - Set 10-24 x 1-1/4	1
30	104001	. "O" Ring	1
31	60260A	. Piston Assy - Pulse pump	1
32	60937	. Washer - Teflon	1
33	60263	. Ring - Pulse pump	1
34	104001	. "O" Ring	1
35	60259	. Spring - Piston	1
36	67918	. Sleeve - Piston	1
37	83132	. Body Assy - Pulse pump	1
38	60397A	. . Screw - Fil hd special	1
39	60398B	. . Washer	1
40	60396B	. . Spring - Ball check	1
41	102809	. . Ball - Steel 0.093 in. dia.	1
42	110157	. . Plug - Expansion 5/8 in.	1
43	62154A	Fuel Tank Assy	1
44	61437	. Bolt - Bar mounting	2
45	51439	. Lockplate	1
46	28042	. Tube - Fuel hose	1
47	62216	. Seat - Check valve	2
48	100071	. Ball - Check valve	1
49	110327	. Ring - Ball retainer	1



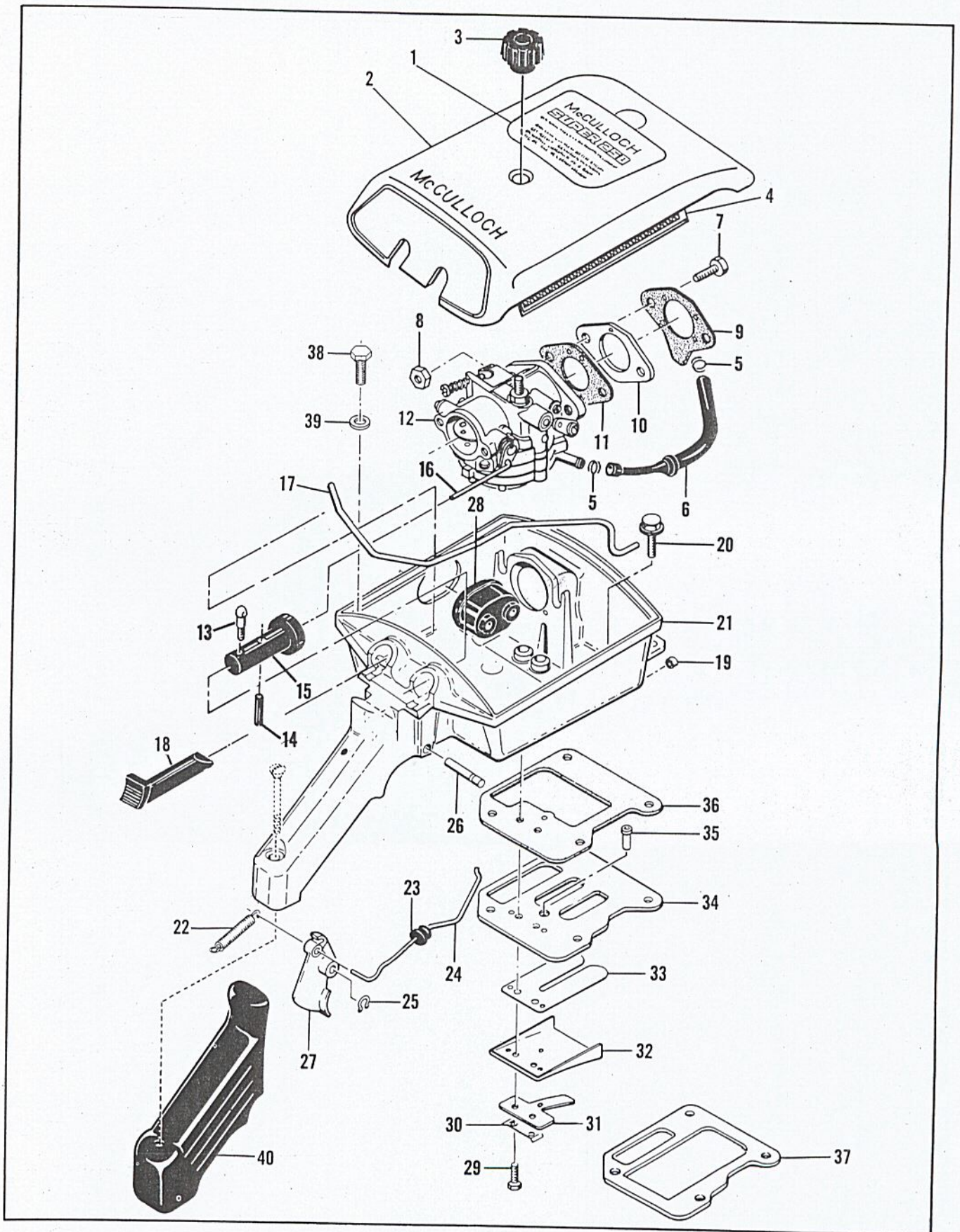


Figure 4. Cover and Airbox Assemblies



FIGURE 4. COVER AND AIRBOX ASSEMBLIES

Item No.	Part Number	Description	Units Per Assy
1	84368	Nameplate	1
2	67288	Cover Assy - Air cleaner	1
3	60242	. Knob - Cover	1
4	55498	Screen - Air cleaner	1
5	50742	Clamp - Fuel hose	1
6	67094	Hose - Fuel	1
7	*53539	Screw - Special	2
	**60208	Screw - Special	2
8	103242	Nut - Hex 1/4-20	2
9	65583	Gasket - Adapter	1
10	*50686A	Adapter - Carburetor	1
	**53189	Adapter - Carburetor	1
11	*65630	Gasket - Carburetor	1
	**65583	Gasket - Carburetor	1
12	*	Carburetor Assy (See Figure 5)	
	**	Carburetor Assy (See Figure 6)	
13	61822	Screw - Special	1
14	101556	Pin - Roll	1
15	50777B	Button - Choke	1
16	57134	Rod - Choke	1
17	83383	Rod - Oiler	1
18	83397	Button - Oiler	1
19	57736	Washer - Felt	1
20	110127	Screw - Hex hd 10-24 x 7/8 (SEMS)	2

Item No.	Part Number	Description	Units Per Assy
21	83421	Airbox Assy	1
22	36499	. Spring - Throttle	1
23	68258	. Grommet - Throttle rod	1
24	*50684	. Rod - Throttle	1
	**61106	. Rod - Throttle	1
25	104501	. Retainer - Trigger pin	1
26	50507	. Pin - Trigger	1
27	50091B	. Trigger	1
28	*83404	. Grommet - Carburetor control	1
	**53277	. Grommet - Carburetor control	1
29	103740	. Screw - Hex hd 8-32 x 5/8	2
30	51480	. Lockplate	1
31	57658A	. Clamp - Reed	1
32	66274	. Deflector - Fuel	1
33	48593	. Valve - Reed	1
34	53685C	. Plate - Reed	1
35	63067	. Tube	1
36	65653	. Gasket - Airbox	1
37	62834	. Insulator - Reed plate	1
38	110127	Screw - Hex hd 10-24 x 7/8	1
39	105048	Washer - 3/16	1
40	57834	Grip - Handle	1

\*Used on units with serial numbers 10001 to 12601 inclusive.  
 \*\*Used on units with serial numbers 12602 and up.



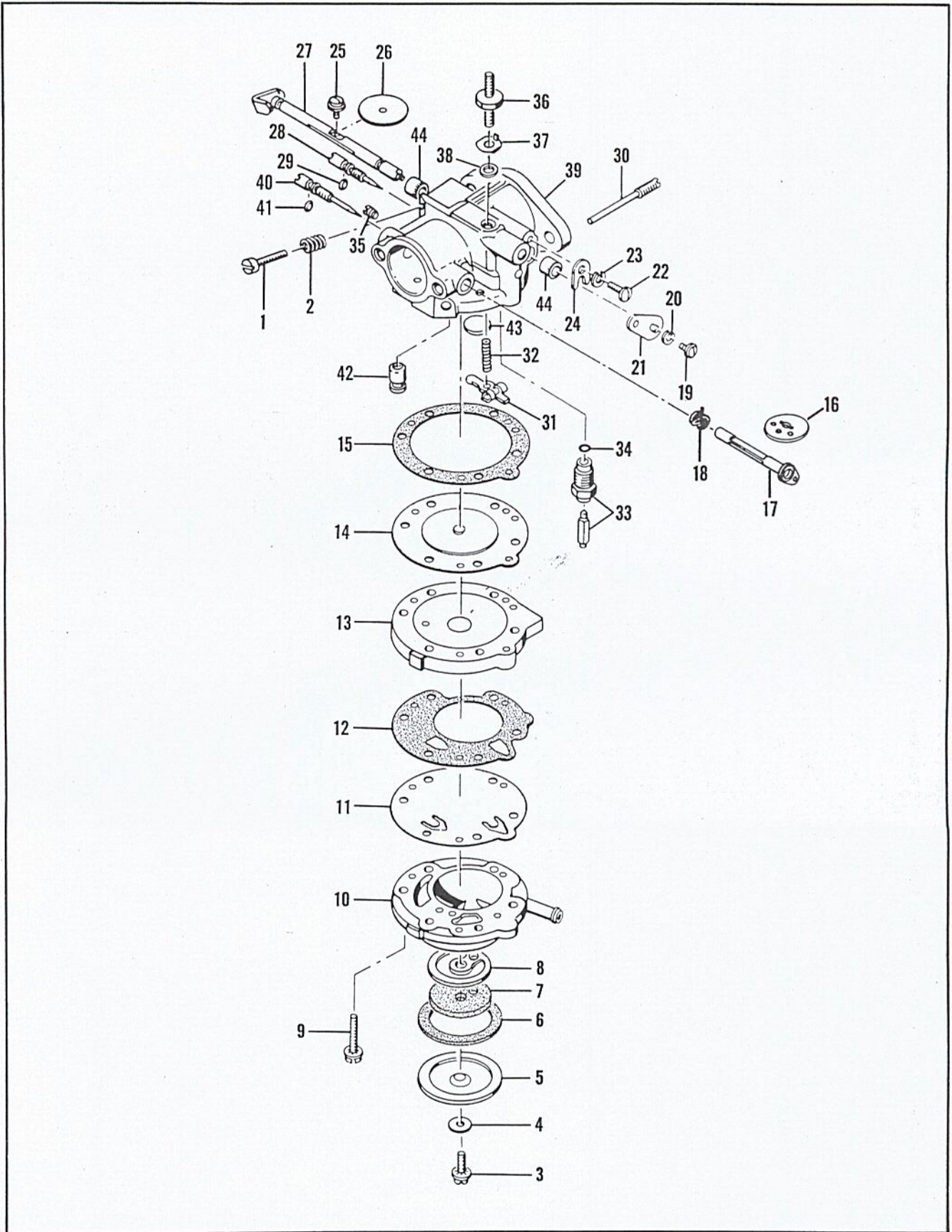


Figure 5. Carburetor



FIGURE 5. CARBURETOR

Item No.	Part Number	Description	Units Per Assy
*	66346	Carburetor Assy	1
1	*50799	. Screw - Idle speed regulating	1
2	*51705	. Spring - Idle speed regulating screw	1
3	*50797	. Screw - Fuel filter cover	1
4	50798	. Gasket - Fuel filter cover	1
5	50796	. Cover - Fuel filter	1
6	51704	. Gasket - Fuel filter cover	1
7	*53717	. Filter Element - Fuel	1
8	53565	. Gasket - Fuel filter	1
9	51597	. Screw - Fuel pump body	6
10	50670	. Body - Fuel pump	1
11	*53164	. Diaphragm - Fuel pump	1
12	65592	. Gasket - Fuel pump	1
13	51592	. Cover - Diaphragm	1
14	*66167	. Diaphragm Assy	1
15	65591	. Gasket - Diaphragm	1
16	53813	. Shutter - Choke	1
17	53814	. Shaft & Lever - Choke	1
18	*51586	. Spring - Choke shaft return	1
19	*51719	. Screw - Throttle governor lever	1
20	*100261	. Lockwasher #4	1
21	51718	. Lever - Throttle governor	1
22	*51717	. Screw - Throttle shaft clip	1

Item No.	Part Number	Description	Units Per Assy
23	*100252	. Lockwasher #8	1
24	51716	. Clip - Throttle shaft	1
25	*51721	. Screw - Throttle shutter	1
26	51720	. Shutter - Throttle	1
27	50803A	. Throttle Shaft & Lever	1
28	*51702	. Needle Assy - Idle adjustment	1
29	104001	. . "O" Ring	1
30	*51710	. Screw - Inlet control lever pinion	1
31	*51709	. Lever - Inlet control	1
32	*66404	. Spring - Inlet tension	1
33	*51707A	. Seat & Needle Assy	1
34	51708	. Gasket - Inlet seat	1
35	51589	. Drain Screw - Diaphragm chamber	1
36	50785	. Stud - Air cleaner attachment	1
37	63026	. Tab - Locking	1
38	63945	. Gasket - Stud	1
39	66230	. Body & Needle Assy - Carburetor	1
40	66405	. . Needle Assy - Main adjustment	1
41	104001	. . . "O" Ring	1
42	65611	. . Check Valve	1
43	*51583	. . Plug - Welch	1
44	51715	. . Bushing - Shaft	2
	*50806	Gasket & Packing Set	1
	66422	Repair Parts Kit	1

\*Indicates part in Repair Kit #66422.

\*Serial Numbers 10001 to 12601 inclusive.



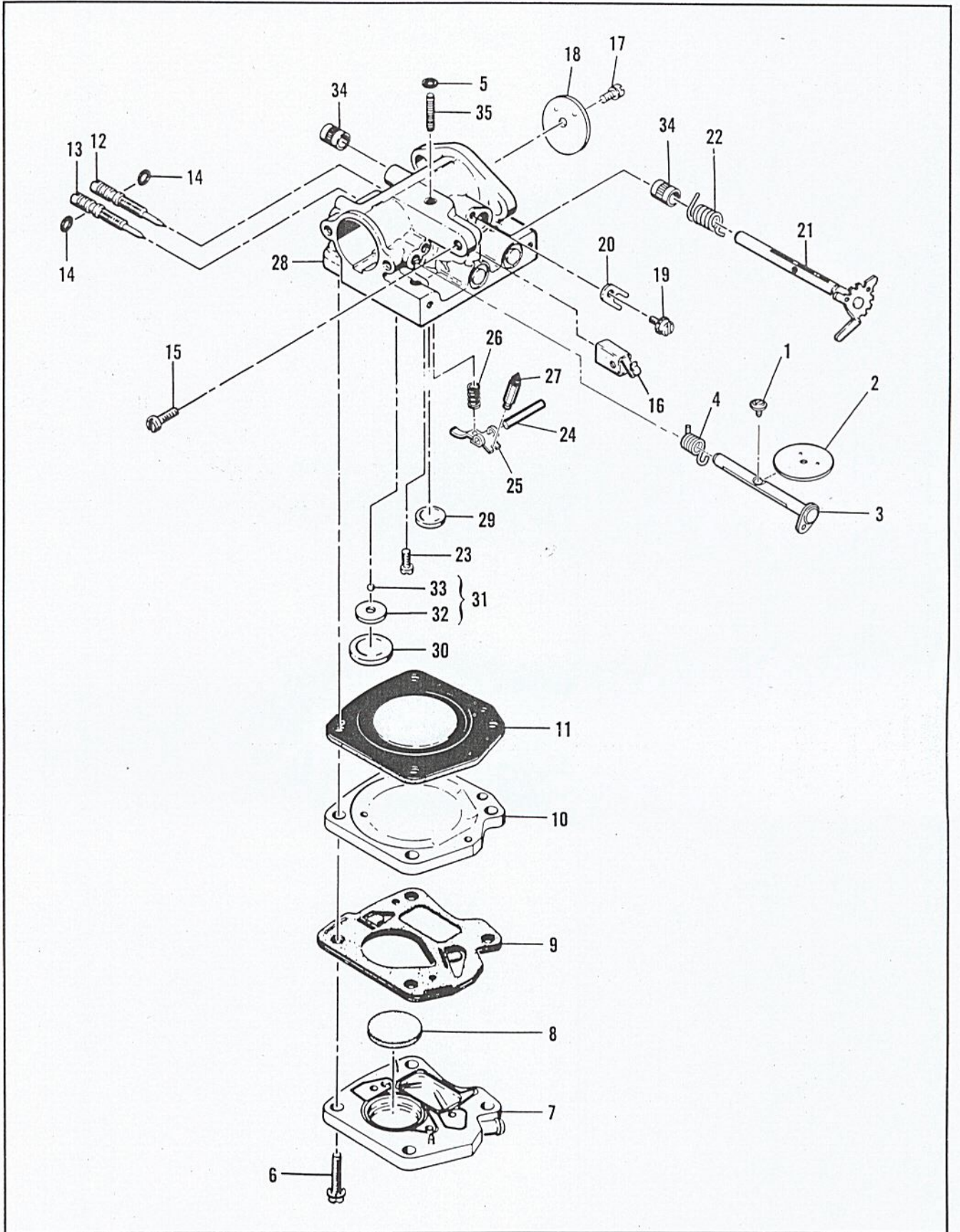


Figure 6. Carburetor



FIGURE 6. CARBURETOR

Item No.	Part Number	Description	Units Per Assy
*	84050	Carburetor Assy	
1	104814	. Screw - Pan hd 4-40 x 1/4 (SEMS)	1
2	55085	. Plate - Choke	1
3	84073	. Shaft Assy - Choke	1
4	55089	. Spring - Choke return	1
5	100283	. Grommet	1
6	104520	. Screw - Pan hd 10-24 x 7/8 (SEMS)	4
7	69169	. Body - Fuel pump	1
8	48911	. Filter - Fuel	1
9	57274B	. Diaphragm Assy - Fuel pump	1
10	48901	. Plate - Diaphragm	1
11	55067C	. Diaphragm - Carburetor	1
12	53948	. Needle - Idle adjustment	1
13	53311	. Needle - Main adjustment	1
14	104001	. "O" Ring	2
15	62910	. Screw - Fil hd long locking	1
16	61108	. Guide - Throttle rod	1
17	104814	. Screw - Pan hd 4-40 x 1/4 (SEMS)	1

Item No.	Part Number	Description	Units Per Assy
18	61360	. Plate - Throttle	1
19	110055	. Screw - Fil hd 8-32 x 3/8 (SEMS)	1
20	55082	. Clip - Throttle shaft	1
21	61854A	. Shaft Assy - Throttle	1
22	61858	. Spring - Idle governor	1
23	104164	. Screw - Pan hd 4-40 x 1/4 s/t	1
24	104305	. Pin - Inlet lever	1
25	84317	. Lever - Inlet control	1
26	57172	. Spring - Inlet lever	1
27	83753	. Needle - Inlet valve	1
28	84053	. Body Assy - Carburetor	1
29	110179	. . Plug - Expansion 1/2 in.	1
30	104407	. . Plug - Expansion 1 in.	1
31	61155	. . Set - Ball & seat	1
32	61152	. . . Seat - Ball	1
33	61151	. . . Ball - Nylon 3/32 in.	1
34	55062A	. . Bushing - Body	2
35	48611	. . Stud - Air cleaner cover	1

\*Serial Numbers 12602 and up.



# SUPER 250

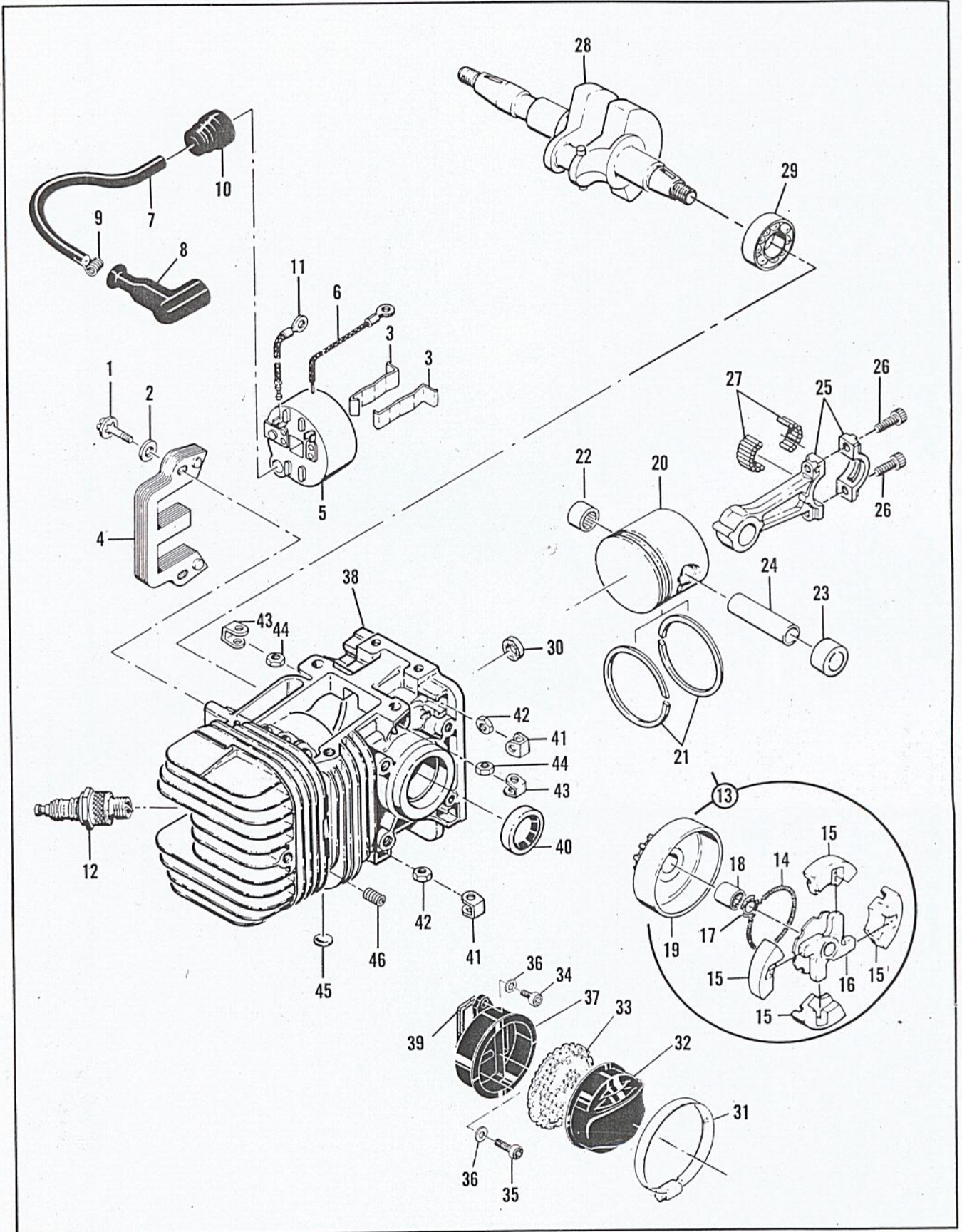


Figure 7. Powerhead



**FIGURE 7. POWERHEAD**

Item No.	Part Number	Description	Units Per Assy
1	104815	Screw - Hex hd 10-24 x 7/8 (SEMS)	2
2	100352	Washer - #10	2
3	51253	Retainer - Coil	2
4	51251	Lamination Assy	1
5	57643A	Coil & Terminal Assy	1
6	101883	. Wire Assy - Ground	1
7	50120	. Wire Assy - Spark plug	1
8	55060	. . Boot - spark plug	1
9	55061	. . Connector	1
10	55617	. Nipple - spark plug wire	1
11	57225	Wire Assy - Primary	1
12	83564	Spark Plug - 14mm	1
13		Clutch, Drum, Sprocket & Bearing Assy	1
	60315	Clutch Assy	1
14	51468A	. Spring - Clutch	1
15	51464A	. Shoe - Clutch	4
16	60316	. Rotor Assy	1
17	103718	Spring - Thrust	1
	51774B	Sprocket, Drum & Bearing Assy	1
18	103688	. Bearing - Needle	1
19	51775B	. Sprocket & Drum Assy	1
20	53941A	Piston Assy	1
21	55123	. Ring Set - Piston	1
22	104519	. Bearing - Needle	1

Item No.	Part Number	Description	Units Per Assy
23	62868	. Bearing - Needle (closed end)	1
24	69408	Pin - Piston	1
25	47903	Connecting Rod Assy	1
26	60210A	. Screw - Skt hd special	2
27	69891	. Roller - Needle	24
28	60313A	Crankshaft	1
29	100824	Bearing - Ball	1
30	57736	Washer - Felt	1
	68240	Kit - Spark arrester	1
31	83368	. Clamp	1
32	68238	. Top Assy	1
33	69325	. Baffle	1
34	104895	. Screw - Skt hd 10-24 x 5/8	2
35	101563	. Screw - Skt hd 10-24 x 1-1/4	1
36	83745	. Washer - Special	3
37	68241	. Bottom Assy	1
38	83830	Crankcase Assy	1
39	83379	. Gasket - Spark arrester	1
40	104432	. Seal - Oil	1
41	18556A	. Retainer - Nut	6
42	105394	. Nut - Hex 1/4-20	6
43	28053	. Retainer - Nut	2
44	101326	. Nut - Hex 10-24	2
45	110179	. Plug - Expansion	3
46	83374	. Insert - Taplok	3

**ACCESSORIES**

Part Number	Description
53942A	Piston Assy - 0.010 in. oversize
55124	. Ring Set - Piston 0.010 in. oversize
53943A	Piston Assy - 0.020 in. oversize
55125	. Ring Set - Piston 0.020 in. oversize
53944A	Piston Assy - 0.030 in. oversize
55126	. Ring Set - Piston 0.030 in. oversize
61331	Kit - 4-tooth spike

Part Number	Description
61330	Kit - 5-tooth spike
69332	Kit - Alternate baffle
61040	Wrench - Combination
36248	Wrench - Spark plug
65712	Guide - Timing
61995	Plate - Bar L.H. (Models w/ser. no. prefix A12-)
61996	Plate - Bar R.H. (Models w/ser. no. prefix A12-)
64935	Plate - Bar (2)(Models w/ ser. no. prefix 12-)