Illustrated Parts List

MAC 35A

McCULLOCH CHAIN SAW

(#52604 MAC 35A - 1 JULY 1958①)

McCULLOCH CORPORATION
6101 West Century Blvd. Los Angeles 45, Calif.

ILLUSTRATIONS

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NOTE: A complete parts price list is available upon request.

The following pages contain an illustrated parts list for the Mac 35A Chain Saw. Due to small differences between saws, it is important that the Serial Number of your saw be included whenever spare parts are ordered. This will assure receiving the proper parts from your dealer.

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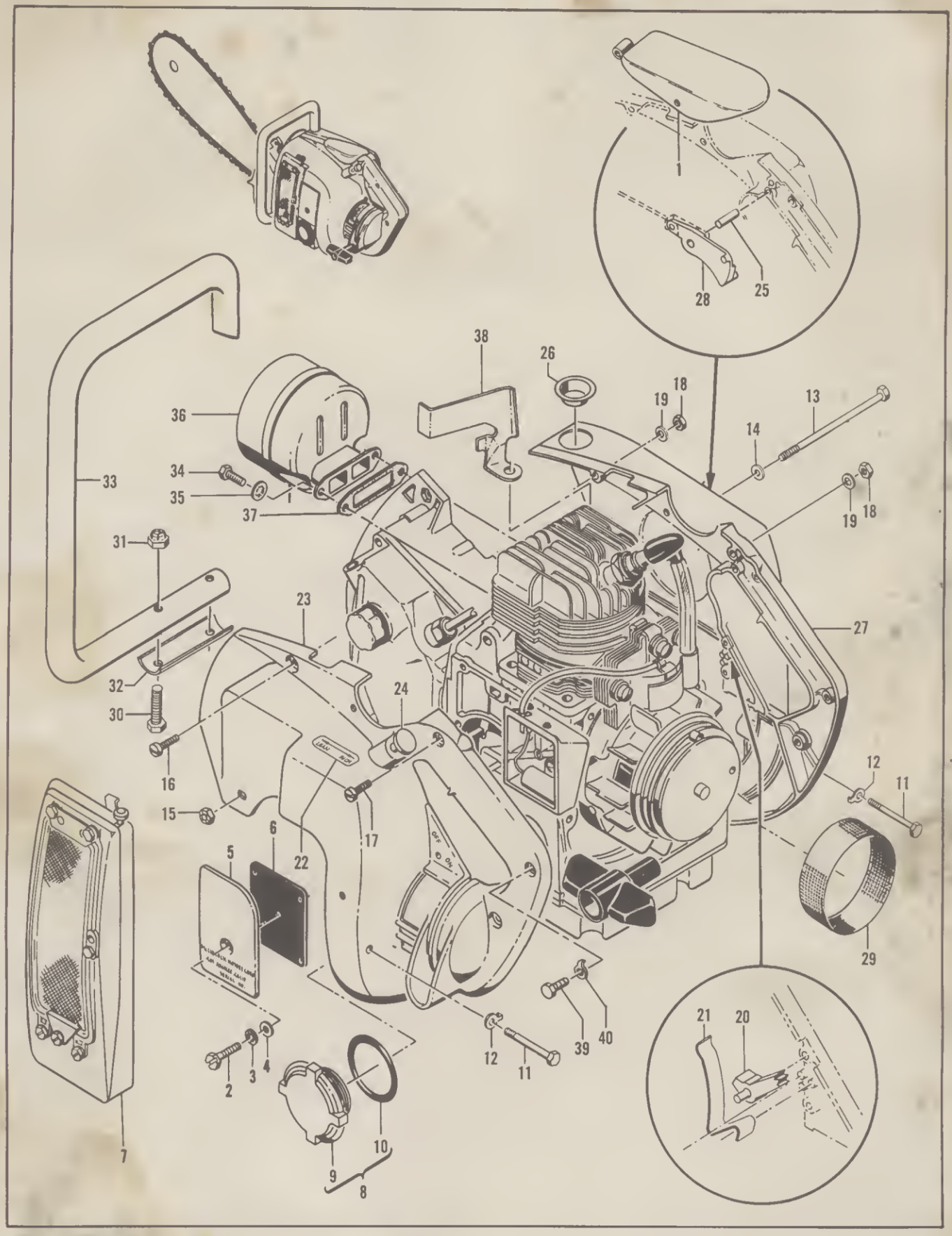


Figure 1. Fan Housings, Muffler and Access Covers

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FIGURE 1. FAN HOUSINGS, MUFFLER AND ACCESS COVERS

Index No.	Part Number	Nomenclature	Units Per Assy
1	52288A	Cover - Spark plug access hole	1
2	102760	Screw - Hex hd 10-24 x 1 in. lg	1
3	101194	Lockwasher - No. 10 internal teeth	1
4	102189	Washer - Plain No. 10	1
5	36011	Cover - Breaker box	1
6	36013	Gasket - Breaker box	1
7	No Number	Carburetor and Air Filter (See figure 2.)	1
8	36202	Fuel Cap and Gasket Assembly	1
9	36200	. Fuel Cap	1
10	101348	. "O" Ring - Fuel cap	1
11	102125	Screw - Hex hd cap 1/4-20 x 1-3/4 in. lg	2
12	36306	Lockplate	2
13	102131	Bolt - Hex hd cap 1/4-20 x 4-1/2 in. lg	1
14	100311	Washer - 1/4 plain	1
15	101143	Nut - Self locking 1/4-20	1
16	102145	Screw - Fil hd 10-24 x 1-1/4 in. lg	1
17	102143	Screw - Fil hd 10-24 x 3/4 in. lg	5
18	101191	Nut - Hex 10-24	6
19	102189	Washer - Plain No. 10	6
20	36378	Toggle - Ground switch	1
21	36411A	Spring - Ground	1
22	36473	Decal - High speed adjustment	1
23	52327	Housing - Fan (LH)	1
24	52256	. Rod Assembly	1
	52601	Housing Assy - Fan (RH)	1
25	103699	. Shaft	1
26	36333	. Bushing	1
27	52363	. Housing - Fan (RH)	1
28	36374A	Trigger Assembly - Throttle	1
29	36060	Screen - Sawdust	1
30	102130	Screw - Hex hd cap 1/4-20 x 1-1/2 in. lg	2
31	101143	Nut - Hex self locking 1/4-20	2
32	52411	Plate - Reinforcement	1
33	52365	Handle	1
34	102388	Screw - Slotted hex hd cap 10-24 x 5/8 in. lg	2
35	103100	Lockwasher	2
36	36552	Muffler Assembly	1
37	36093	Gasket - Exhaust	1
38	36532A	Air Baffle - Cylinder	1
39	102388	Screw - Hex hd 10-24 x 5/8 in. lg	3
40	28052A	Lockplate	3

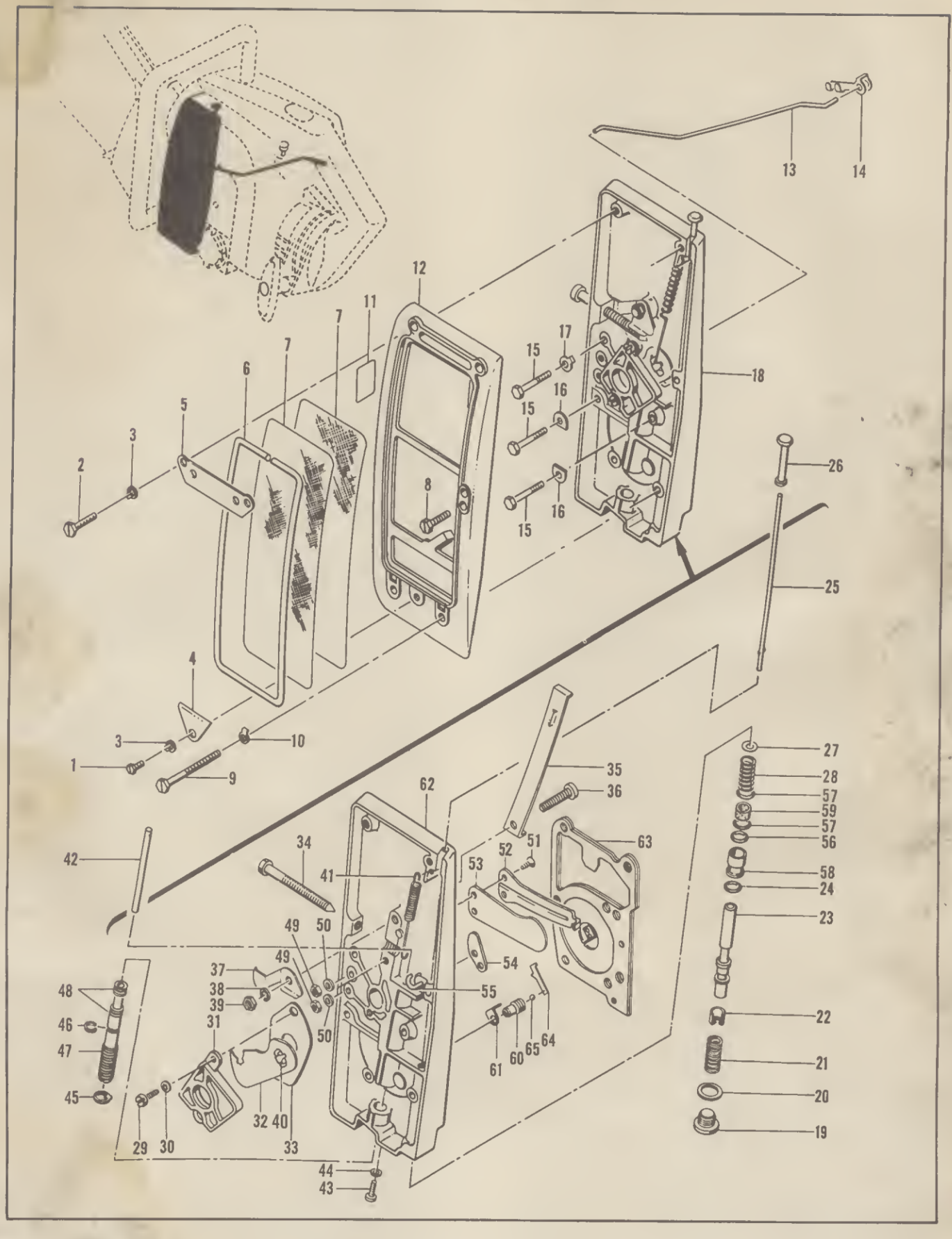


Figure 2. Carburetor and Air Filter

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FIGURE 2. CARBURETOR AND AIR FILTER

Index No.	Part Number	Nomenclature	Units Per Assy
1	103469	Screw - Slotted hex hd 10-24 x 3/8 in. lg	1
2	102761	Screw - Slotted hex hd 10-24 x 7/8 in. lg	2
3	28052	Lockplate	3
4	36424	Clamp - Small	1
5	36425	Clamp - Large	1
6	36426	Retainer - Air filter	1
7	36427	Air Filter Screen	2
8	102765	Screw - Slotted hex hd 10-24 x 1-3/4 in. lg	1
9	102586	Screw - Slotted hex hd 10-24 x 2.00 in. lg	2
10	28052	Lockplate	3
11	36495	Decal - Idle adjustment	1
12	36382A	Cover - Carburetor	1
13	36409	Link - Throttle	1
14	36496	Clip - Throttle control link	1
15	102760	Screw - Hex hd 10-24 x 1 in. lg	3
16	36388	Lockplate	2
17	28052	Lockplate	1
18	36621A	Body Assembly - Carburetor (complete)	1
19	36445	. Screw - Special slotted	1
20	36446	. Gasket - Primer	1
21	11086	. Spring - Primer	1
22	24104	. Cup - Packing	1
23	36140	. Plunger - Primer	1
24	101056	. Packing - "O" ring	1
	36198	. Push Rod Assembly - Primer	1
25	36199	. . Push Rod	1
26	36197	. . Button	1
27	102206	. Washer	1
28	28754	. Spring - Push rod	1
29	101991	. Screw - Fil hd 10-24 x 1/2 in. lg	2
30	101194	. Lockwasher - No. 10 internal teeth	2
31	36117	. Frame - Throttle gate	1
32	36116	. Gate - Throttle	1
33	52082	. Wearplate	1
34	102687	. Screw - Idle adjusting	1
35	36356	. Lever - Throttle gate adjusting	1
36	101904	. Screw - Pan head 10-24 x 3/4 in. lg	1
37	36494	. Retainer - Idle screw	1
38	100240	. Lockwasher - No. 10 spring	1
39	100239	. Nut - Hex 10-24	1
40	36255	. Spring - Throttle gate	1
41	52421	. Spring - Push rod	1
42	36618	. Push Rod - Carburetor	1
43	102500	. Screw - Pan hd 10-24 x 1/2 in. lg	1
44	100002	. Washer - Plain	1
45	36132	. Washer - Tongue	1
46	103251	. Ring - Retaining	1
47	36620	. Needle Seat Assembly	1
48	101258	. . Packing - "O" ring	2
49	100796	. Nut - Self locking 6-32	2
50	100296	. Washer - No. 6 plain	2
51	102834	. Screw - Flat hd 6-32 x 5/8 in. lg	2
52	36114A	. Guard - Reed valve	1
53	36115A	. Reed Valve	1
	36628A	. Body Assembly - Carburetor	1
54	36109A	. . Arm - Gate lever	1
55	36108	. . Lever - Gate	1
56	101056	. . Packing - "O" ring	1
57	36625	. . Washer - "O" ring	2
58	36150	. . Sleeve - Primer	1
59	21112	. . Seal - Felt	1
60	28737	. . Seat - Ball check valve	1
61	19625	. . Hinge - Diaphragm	1
62	No Number	. . Body (Procurable only as 36628A Body Assembly)	1
63	36696B	. Diaphragm and Gasket Assembly	1
64	19626	. Lever	1
65	100302	. Ball - .125 in. dia	1

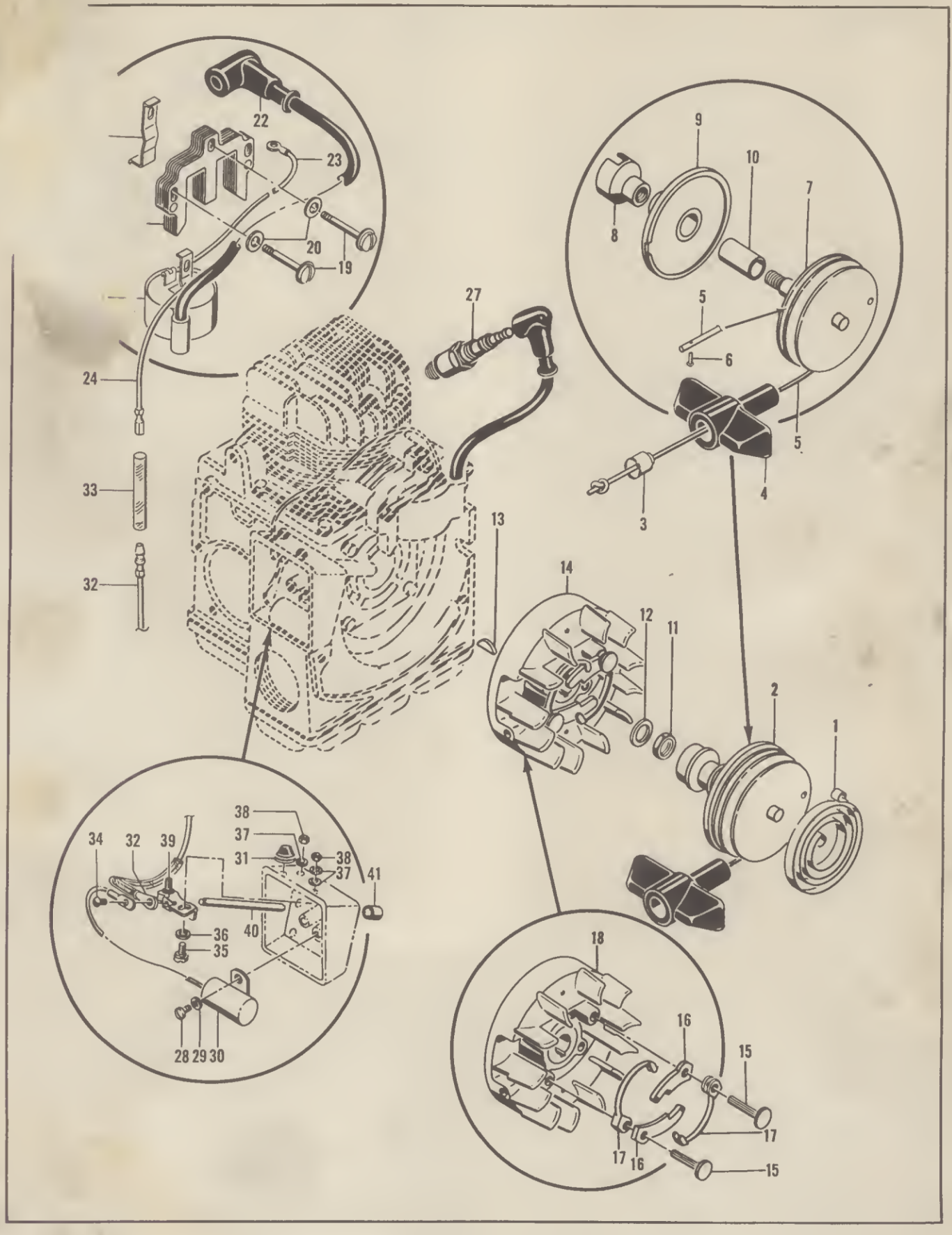


Figure 3. Starter, Flywheel and Ignition System

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FIGURE 3. STARTER, FLYWHEEL, AND IGNITION SYSTEM

Index No.	Part Number	Nomenclature	
1	36059	Spring - Starter rewind	
2	36451B	Starter Assembly	
3	24818	. Cup - Starter assembly	
4	24822	. Handle - Starter rope	
5	36840	. Rope - Starter	
6	103697	. Rivet	
7	36856	. Drum - Starter	
8	36058	. Jaw - Starter	
9	36053A	. Base Assembly - Starter	
10	36055	. . Bushing - (Pressed into base)	
11	101179	Nut - Hex jam 7/16-20	
12	101270	Washer - Plain 7/16 in.	
13	100199	Key - Flywheel to crankshaft	
14	36396	Flywheel and Starter Pawl Assembly	
15	36144	. Pin - Starter pawl	
16	24093	. Pawl - Starter	
17	24119	. Spring - Pawl return	2
18	36366	. Flywheel Assembly	1
19	101965	Screw - Fil hd 10-24 x 7/8 in. lg (SEMS)	3
20	100003	Washer - Plain No. 10	3
	36081B	Coil and Lamination Assembly	1
21	36146B	. Coil and Terminal Assembly	1
22	52547	. . Wire Assembly - Spark plug	1
23	101883	. . Wire - Ground	1
24	52064	. . Wire Assembly - Primary	1
25	19034	. Retainer - Coil	2
26	36082	. Lamination Assembly	1
27	14 MM	Spark Plug and Gasket	1
28	100362	Screw - Fil hd 8-32 x 3/8 in. lg	1
29	100057	Lockwasher - No. 8 internal teeth	1
30	100075	Condenser	1
31	28322	Grommet	1
32	52065	Wire - Primary	1
33	52066	Sleeve	1
34	101207	Screw - Rd hd 6-32 x 1/4 in. lg	1
35	24626	Screw - Eccentric	1
36	100007	Washer - Plain 5/16 in.	1
37	100003	Washer - Plain No. 10	3
38	101191	Nut - Hex 10-24	2
39	19894A	Breaker Assembly	1
40	36012	Push Rod - Breaker	1
41	24321A	Seal - Felt push rod	1

FIGURE 4. CLUTCH AND TRANSMISSION

Index No.	Part Number	Nomenclature	Units Per Assy
	52593	Transmission Assembly	1
1	102205	. Screw - Fil hd 10-24 x 1-3/8 in. lg	8
2	102189	. Washer - Plain No. 10	8
3	101194	. Lockwasher - No. 10 internal teeth	5
4	101191	. Nut - Hex 10-24 (Spike Retaining)	3
5	101982	. Screw - Hex hd cap 1/4-20 x 1 in. lg	2
6	100153	. Lockwasher - 1/4 in. internal teeth	2
7	100004	. Washer - Plain 1/4 in.	2
8	52291	. Tank Assembly - Oiler	1
9	52388	. . Oil Filler Cap	1
10	101148	. . Gasket	1
11	101864	. . Plug - Slotted hd pipe 1/16-27	1
12	36421	. . Spring - Discharge	1
13	100549	. . Ball - .1875 in. dia	2

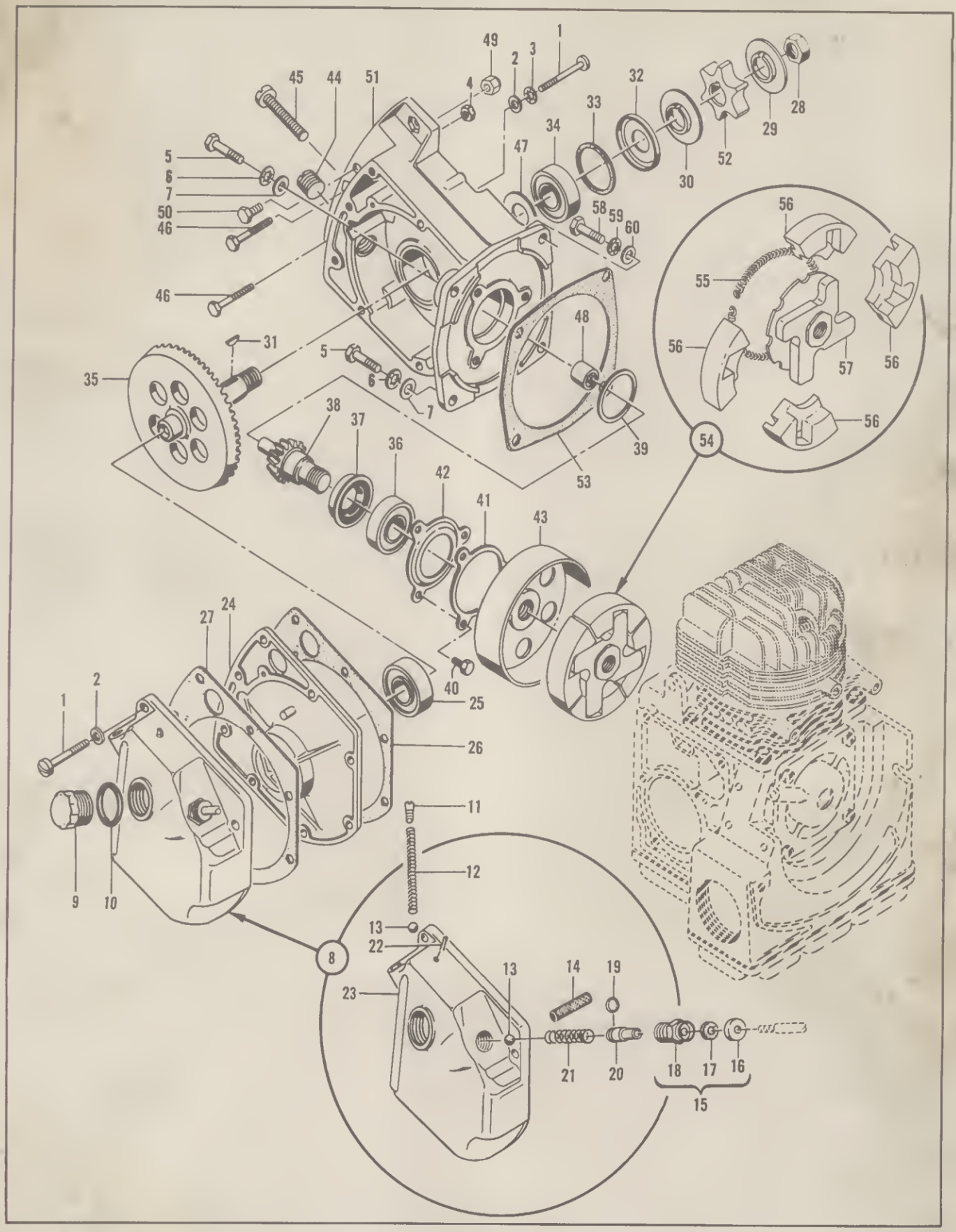


Figure 4. Clutch and Transmission

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Index No.	Part Number	Nomenclature	Units Per Assy
14	52276	. . Screen - Intake	1
15	52297	. . Plug and Seal Assembly	1
16	36165	. . . Cap - Seal	1
17	36420	. . . Seal - Felt	1
18	36163	. . . Plug	1
19	101148	. . Packing - "O" ring	1
20	36126	. . Piston - Pump	1
21	36421	. . Spring	1
22	100010	. . Pin - Cotter	1
23	52275	. . Tank - Oiler	1
	36154B	. Separator Assembly	1
24	36136B	. . Separator	1
25	103482	. . Bearing - Ball	1
26	52323A	. Shim - .011 in. thick	As Req.
	52323B	. Shim - .019 in. thick	As Req.
27	52323B	. Shim - .019 in. thick	1
28	100836	. Nut	1
29	36862	. Shroud - Sprocket (Outer)	1
30	36019A	. Shroud - Sprocket (Inner)	1
31	100256	. Key - Woodruff	1
32	19162	. Shield - Dust	1
33	36155	. Felt - Dust shield	1
34	103482	. Bearing - Ball	1
35	*	. Gear - Bevel (See note below)	1
36	103482	. . Bearing - Ball	1
37	36159	. . Seal	1
38	*	. . Pinion (See note below)	1
39	36160A	. Shim - .009 - .011 in. thick	As Req.
	36160B	. Shim - .014 - .016 in. thick	As Req.
	36160C	. Shim - .002 - .004 in. thick	As Req.
40	102762	. Screw - Slotted hex hd 10-24 x 1/2 in. lg	3
41	36301	. Lockplate	1
42	36138	. Retainer - Bearing	1
43	52341	. Drum Assembly - Clutch	1
	52357	. Gear Case Assembly	1
44	104218	. . Plug - Oil filler 3/8-18	1
45	36151B	. . Screw - Blade adjusting	1
46	52208	. . Screw - (Special) (Bar Key)	2
47	102577	. . Seal - Oil	1
48	102186	. . Bearing - Needle	1
49	101143	. . Nut - Hex self locking 1/4-20	1
50	100732	. . Screw - Hex hd 1/4-20 x 5/8 in. lg	1
51	52357	. . Case - Gear	1
52	36020A	. Sprocket - 6 tooth	Opt.
	36897	. Sprocket - 7 tooth	Opt.
53	36623	Spacer - Transmission	1
54	52067A	Rotor Assembly - Clutch	1
55	51468	. . Spring - Clutch	1
56	51464	. . Shoe - Clutch	4
57	52062A	. . Spider Assembly	1
58	101982	Screw - Hex hd cap 1/4-20 x 1 in. lg	2
59	100153	Lockwasher - 1/4 in. internal teeth	2
60	100004	Washer - Plain 1/4 in.	2

*Matched Parts. Bevel and Pinion Gear must be purchased as a set: Order under Part No. 36258B.

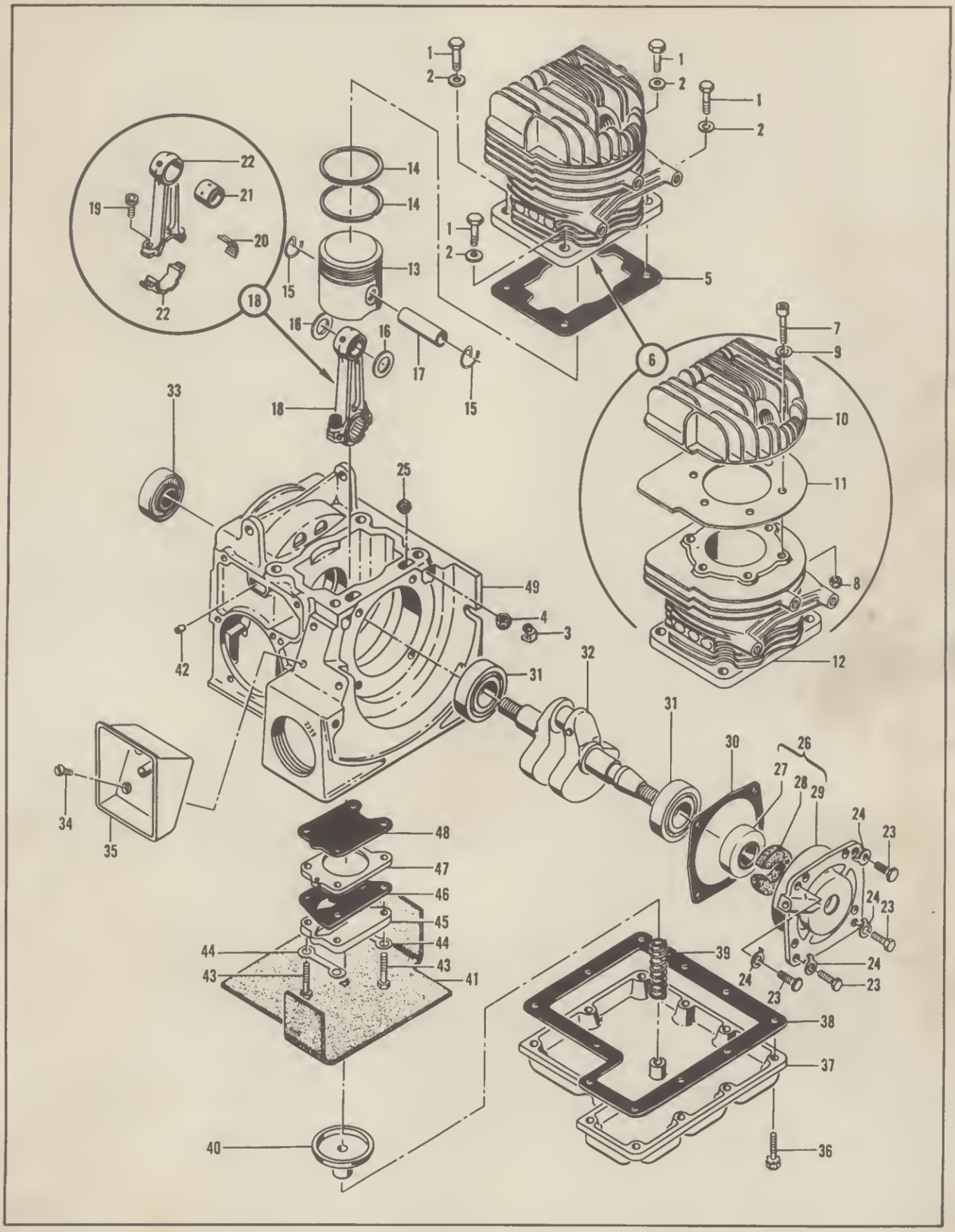


Figure 5. Crankcase, Crankshaft, Cylinder and Piston

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FIGURE 5. CRANKCASE , CRANKSHAFT, CYLINDER AND PISTON

Index No.	Part Number	Nomenclature	Units Per Assy
1	101885	Screw - Hex hd cap 1/4-28 x 7/8 in. lg	4
2	100311	Washer - Plain 1/4 in.	4
3	18556A	Retainer - Nut 1/4	4
4	100640	Nut - Hex 1/4-28 self locking	4
5	36442	Gasket - Cylinder	1
6	36465A	Cylinder Assembly	1
7	102660	. Screw - Socket hd cap 10-24 x 1 in. lg	6
8	101326	. Nut - Hex 10-24	6
9	24236	. Washer - Plain	6
10	36470A	. Head - Cylinder	1
11	52222	. Gasket - Cylinder head	1
12	36466A	. Cylinder	1
	52379	Piston Assy	1
13		. Piston ... Order Assembly 52379	
14	52371	. Ring - Piston ... (Set of 2 Rings)	
15	36097	. Ring - Retaining	2
16	36227	Washer - Special	2
17	20014	Pin - Piston	1
18	36575A	Connecting Rod Assembly	1
19	101356	. Screw - Socket hd cap 10-32 x 5/8 in. lg	2
20	102742	. Roller - Needle	22
21	36014A	. Bushing - Wrist pin	1
22	36574A	. Connecting Rod - (2 pieces)	1
23	102388	Screw - Hex hd mach 10-24 x 5/8 in. lg	4
24	28052	Lockplate	4
25	101326	Nut - Hex 10-24	2
26	36027A	End Cover Assembly	1
27	102940	. Seal - Oil	1
28	36302	. Oiler - Cam	1
29	36017A	. Cover - End	1
30	36028	Gasket - End cover	1
31	100824	Bearing - Ball	2
32	36025A	Crankshaft	1
	52378	Crankcase Assembly	1
33	102940	. Seal - Oil	1
34	100852	. Screw - Flat hd 10-24 x 1/2 in. lg countersunk	3
35	36010	. Box - Breaker	1
36	103464	. Screw - Hex hd 10-24 x 3/4 in. lg (SEMS)	11
37	36079	. Bottom - Fuel tank	1
38	36080A	. Gasket - Bottom	1
39	36240	. Spring - Wick retaining	1
40	36239	. Cap - Wick retaining	1
41	36256	. Wick	1
42	36474	. Plug - Vent	1
43	102101	. Screw - Hex hd mach 10-24 x 7/8 in. lg	4
44	28210	. Lockplate	2
45	36234	. Retainer - Valve	1
46	36338A	. Valve Assembly - Fuel pump	1
47	36233	. Body - Fuel pump	1
48	36235A	. Diaphragm	1
49	52318	. Crankcase	1

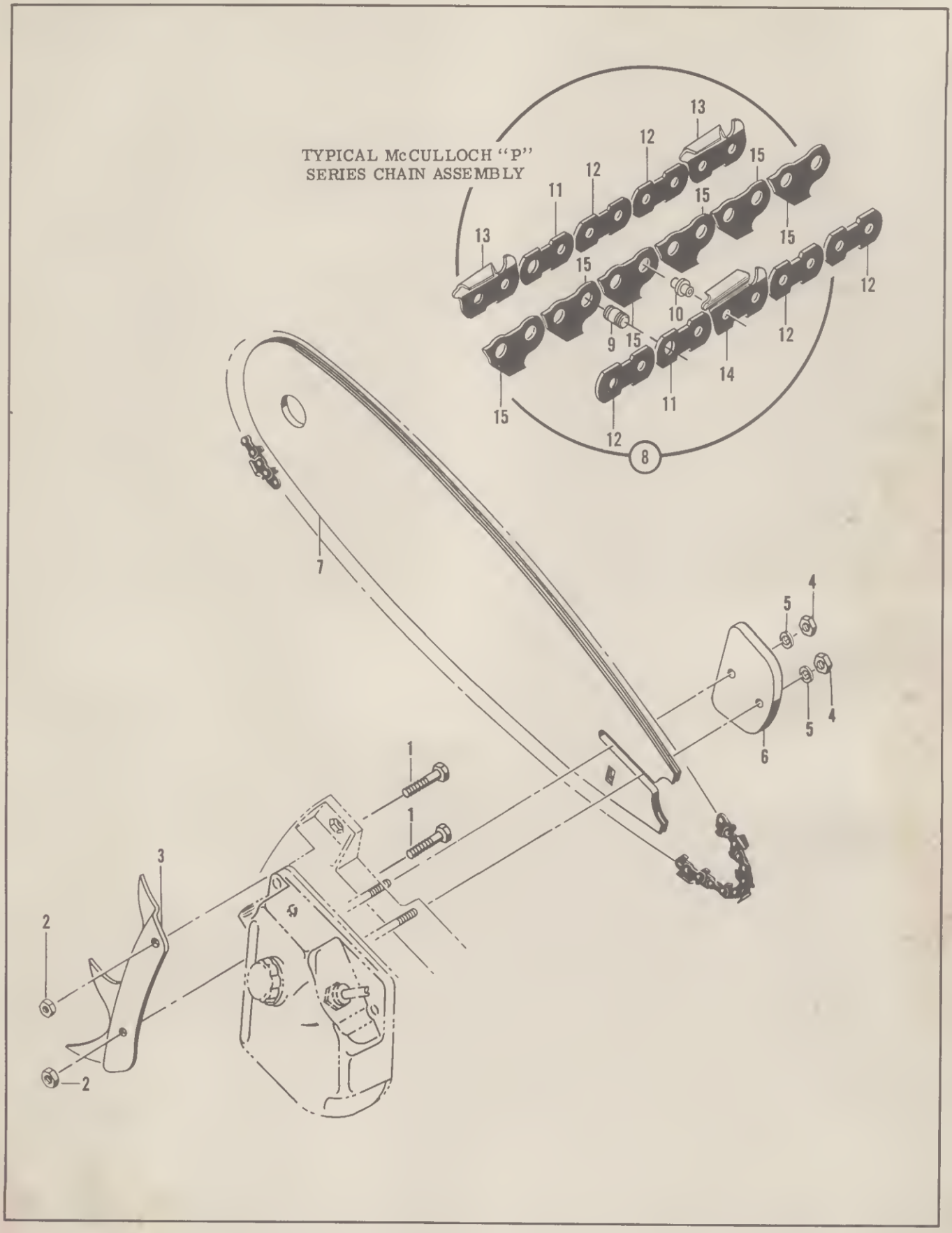
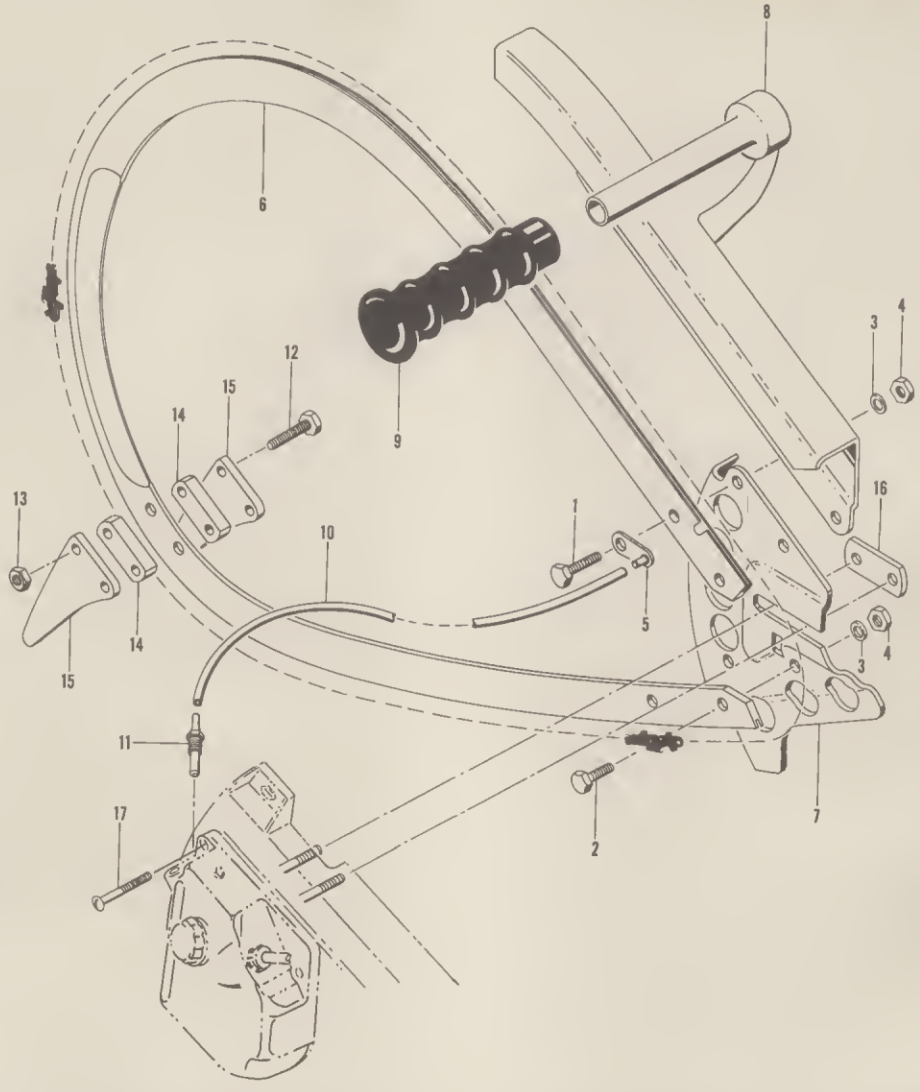


Figure 6. Saw Blade, Spike, Chain and Lockplate

FIGURE 6. SAW BLADE, SPIKE, CHAIN AND LOCKPLATE

Index No.	Part Number	Nomenclature	Units Per Assy
1	100732	Screw - Hex hd mach 1/4-20 x 5/8 in. lg	2
2	101143	Nut - Hex 1/4-20	2
3	52415	Spike	1
4	103729	Nut - Hex self locking 3/8-24	2
5	100006	Washer - Plain 3/8 in.	2
6	52289	Plate - Clamp	1
7	52122	Bar - 12 in. (.170 Thick) Flame hardened	Opt.
	52392	Bar - 12 in. (.170 Thick)	Opt.
	52558	Bar - 16 in. (.170 Thick) Flame hardened	Opt.
	55204	Bar - 16 in. (.185 Thick)	Opt.
	52553	Bar - 20 in. (.170 Thick) Flame hardened	Opt.
	51405A	Bar - 20 in. (.185 Thick)	Opt.
	51407A	Bar - 26 in. (.185 Thick)	Opt.
	51409A	Bar - 32 in. (.185 Thick)	Opt.
		TYPICAL McCULLOCH "P" SERIES CHAIN ASSEMBLY	
8	---	Typical McCulloch Chain Assembly	
9	---	Master Pin	
10	---	Shoulder Rivet	
11	---	Master Link	
12	---	Side Link	
13	---	Cutter Tooth, LH	
14	---	Cutter Tooth, RH	
15	---	Center Link	

FIGURE 7. PLUNGE BOW SAW ASSEMBLY



Index No.	Part Number	Nomenclature	Units Per Assy
	36345C	Plunge Bow Saw Assembly	1
1	101982	. Bolt - Hex hd fin 1/4-20 x 1 in. lg	3
2	100882	. Bolt - Hex hd fin 1/4-20 x 3/4 in. lg	2
3	100004	. Washer - Plain 1/4 in.	5
4	101143	. Nut - Hex hd 1/4-20 "Lokut"	5
5	36348	. Oil Tube and Plate Assembly	1
6	52119	. Track	1
7	36343A	. Plate - Adjusting	1
8	36340A	. Body - Bow saw	1
9	18207A	. Grip - Handle	1
	36452A	. Bow Saw Kit	1
10	36454	. . Hose - Oiler 3-3/4 in. lg	1
11	36349	. . Fitting - Oiler tank	1
12	102130	. . Bolt - Hex hd fin 1/4-20 x 1-1/2 in. lg	2
13	101143	. . Nut - Hex hd 1/4-20 "Lokut"	2
14	28259	. . Spacer	2
15	28256	. . Spike	2
16	36344A	. . Plate - Filler	2
17	101181	. . Screw - Rd hd No. 10-24 x 1-1/4 in. lg	1

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TOOLS AND ACCESSORIES FURNISHED WITH EACH SAW

Part Number	Nomenclature
51445	Wrench and Screwdriver Combination
52603	Instruction Manual and Illustrated Parts List (Combined)
52605	. Instruction Manual Mac 35A
52604	. Illustrated Parts List - Mac 35A
102392	Timing Pin
100256	Key

ACCESSORIES

Part Number	Nomenclature
36345C	Plunge Cut Bow Assembly (Hard Faced)
101259	Hand Grinder - Chain 1/10 hp 110 volt ac
101308	Stone - Grinding (5/16 inch diameter)
102094	Chain Grinding Fixture
102449	McCulloch Yellow Paint (12 oz Spray Bomb Type)
102057	McCulloch Oil (1 quart)
102664	McCulloch Oil (12 oz can)

NOTES

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