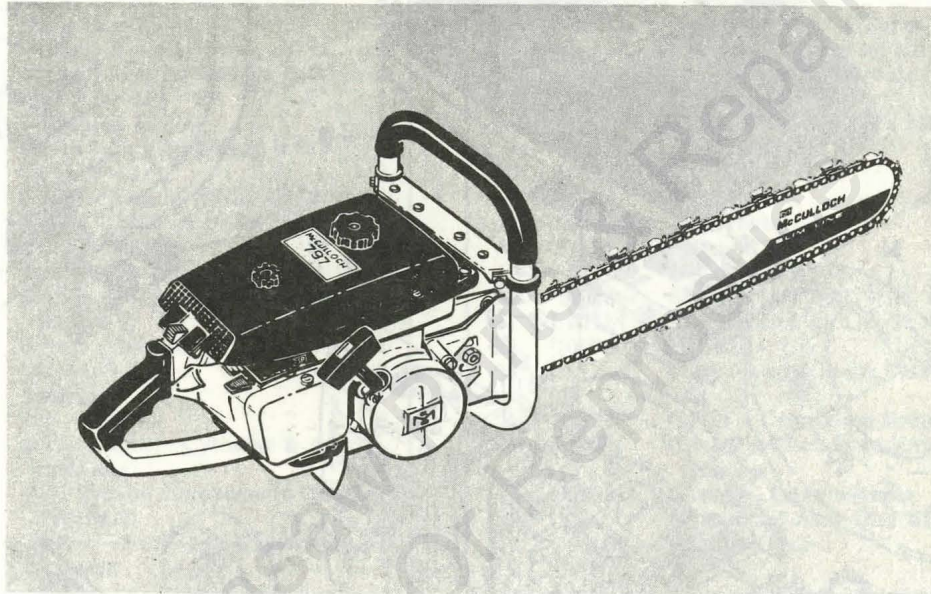


Model 797 Chain Saw

Serial Numbers Prefixed 11-

ILLUSTRATED PARTS LIST



September, 1967

This parts list is number 3 of the lists issued for this model. If you are missing any of these lists, order them from your distributor.

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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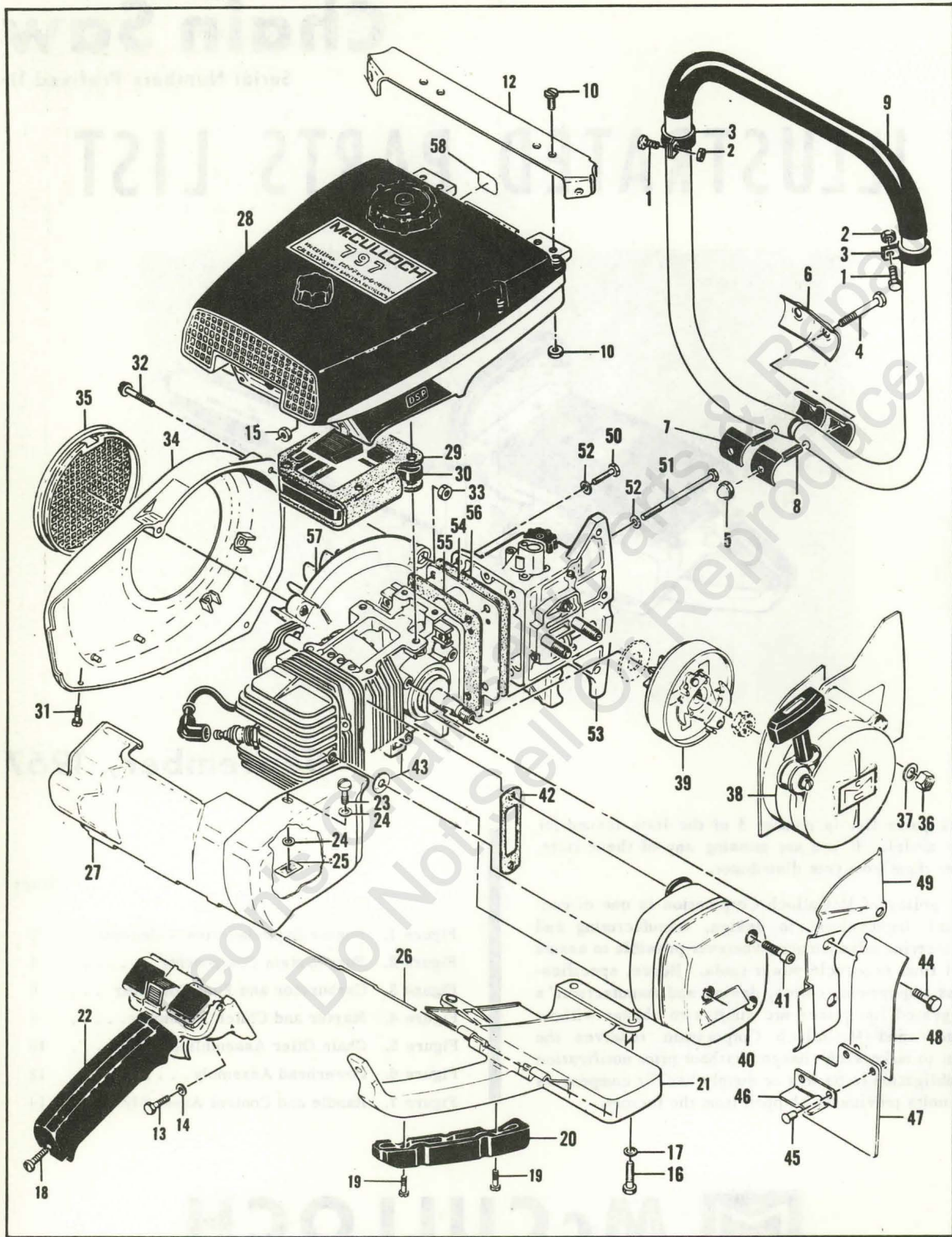


Figure 1. Engine Exploded View - General

Figure 1. Engine Exploded View - General

Item No.	Part Number	Description	Units Per Assy	Item No.	Part Number	Description	Units Per Assy
1	102761	Screw - Hex hd 10-24 x 7/8	2	31	102500	Screw - Pan hd 10-24 x 1/2	1
2	105367	Nut - Hex 10-24	2	32	104816	Screw - 10-24 x 1-1/4 (SEMS)	3
3	103923	Clamp	2	33	101191	Nut - Hex 10-24	2
4	102125	Screw - Hex hd 1/2 x 1-3/4	2	34	57733	Housing - Fan	1
5	102974	Nut - Hex 1/4-20	2	35	55615	Guard - Flywheel	1
6	51362	Clamp - Frame	1	36	103729	Nut - Hex 3/8-24	2
7	50062	Insulator	4	37	100006	Washer - 3/8	2
8	67475	Spacer - Frame	2	38		Starter Assy (See Figure 4)	1
9	67472	Frame & Grip Assy	1	39		Clutch, Drum & Bearing Assy (See Figure 4)	1
10	104393	Screw - Pan hd 10-24 x 3/8	4	40	6010	Spark Arrester & Screw Assy	1
11	101191	Nut - Hex 10-24	4	41	104895	Screw - Socket hd 10-24 x 5/8	3
12	-60757	Brace - Frame	1	42	53652	Gasket - Spark arrester	1
13	102761	Screw - Hex hd 10-24 x 7/8	2	43	53651	Washer - Insulator	1
14	102189	Washer - #10	2	44	104133	Screw - 1/4-20 x 5/8 (SEMS)	3
15	102067	Nut - Hex 10-24	2		-67826	Guard Assy	1
16	102121	Screw - Hex hd 1/4-20 x 7/8	2	45	-103819	Rivet	2
17	100005	Washer - 1/4	2	46	-55113	Angle	1
18	104397	Screw - Pan hd 10-24 x 7/8	1	47	-55112	Deflector	1
19	104483	Screw - Bind hd 10-24 x 5/8	2	48	-67827	Shield	1
20	55941	Insert - Handle	1	49	55255	Jacket - Cylinder	1
21	57872	Brace - Handle	1	50	103258	Screw - Hex hd 1/4-20 x 1-1/8	2
22		Handle & Control Assy (See Figure 7)	1	51	102127	Screw - Hex hd 1/4-20 x 3-1/4	2
23	51351	Screw - Special	1	52	100005	Washer - 1/4	4
24	100005	Washer - 1/4	2	53		Oiler Housing Assy (See Figure 5)	1
25	103741	Speednut	1	54	67253	Cover - Crankcase bottom	1
26	55885	Pin - Shroud	1	55	65578	Gasket - Crankcase bottom cover	1
27	66259	Shroud Assy - Cylinder & spark arrester	1	56	60252	Gasket - Oiler housing	1
28		Fuel System Components (See Figure 2)	1	57		Powerhead Assy (See Figure 6)	1
29	67477	Gasket - Fuel tank & insulator	1	58	59445	Decal - Oiler	1
30	53684A	Insulator	1				

Part numbers which have changed since the previous printing of the illustrated parts list covering this model, are indicated by a dash (-) preceding the new part number. The dash precedes part numbers changed by a letter suffix as well as those changed to an entirely new number.

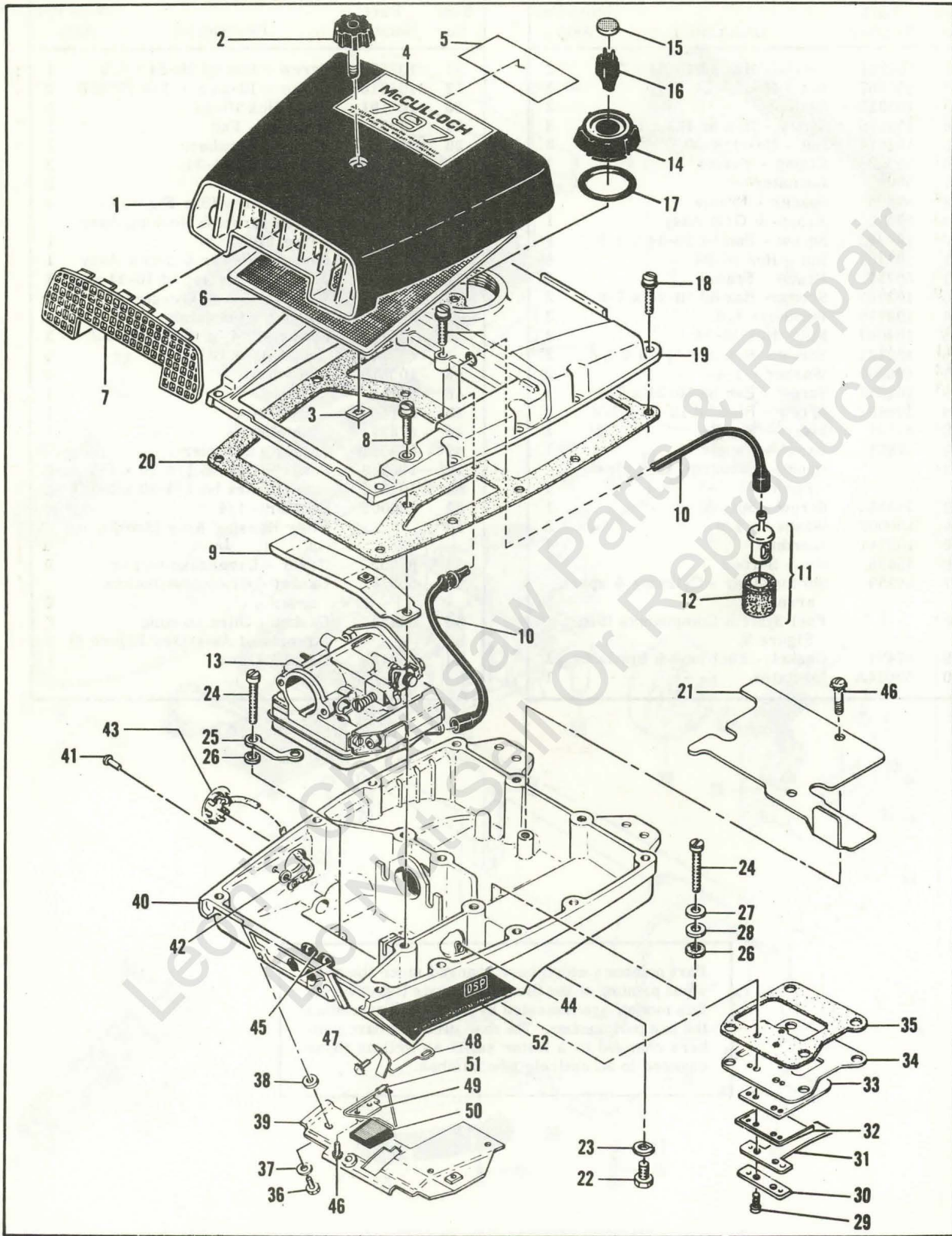


Figure 2. Fuel System Components

Figure 2. Fuel System Components

Item No.	Part Number	Description	Units Per Assy	Item No.	Part Number	Description	Units Per Assy
1	60427A	Cover Assy - Air cleaner	1	27	102189	Washer	2
2	60243	. Knob - Air cleaner cover	1	28	103744	Washer - Sealing	2
3	103741	. Speednut	1	29	103740	Screw - Hex hd 8-32 x 7/8	2
4	66849	Nameplate	1	30	51480	Lockplate	1
5	63814	Instruction Plate	1	31	57658A	Clamp - Reed	1
6	67931	Screen - Air cleaner	1	32	66274	Deflector - Fuel	1
7	55659	Grill - Air cleaner cover	1	33	48593	Valve - Reed	1
8	104396	Screw - Pan hd 10-24 x 3/4	1	34	53685C	Plate - Reed	1
9	55634	Anchor Assy - Air cleaner	1	35	67096	Gasket	1
	63831	Hose Assy - Fuel	1	36	102388	Screw - Hex hd 10-24 x 1/2	3
10	63669	. Hose	1	37	102189	Washer	3
11	53679B	. Pickup Assy	1	38	55636	Washer - Insulating	2
12	61159	. . Filter	1	39	63652	Shield Assy - Fuel tank	1
13		Carburetor & Fuel Collector (See Figure 3)	1	40	66266	Bottom Assy - Fuel tank	1
14	55934B	Cap Assy - Fuel	1	41	104504	. Rivet	1
15	55063	. Filter - Fuel cap	1	42	101871	. Washer	1
16	53766A	. Valve - Fuel cap	1	43	51396A	. Cover Assy - Adjustment hole	1
17	101348	"O" Ring - Fuel cap	1	44	104310	. Pin - Cotter	1
18	104396	Screw - Pan hd 10-24 x 3/4	14	45	60237	. Grommet	2
19	63667	Cover - Fuel	1	46	110054	. Screw - Pan hd 6-32 x 3/8	2
20	65632	Gasket - Fuel tank	1	47	105249	. Screw - 8-32 x 3/8 (SEMS)	3
21	63650	Liner - Fuel tank	1	48	64582	Retainer - Lever	1
22	102151	Screw - Hex hd 1/4-20 x 1/2	1	49	63619	Plate - Lever retaining	1
23	105043	Lockwasher	1	50	63914A	Lever Assy - Compression release	1
24	55948A	Screw - Fuel tank	4	51	63827	Spring - Lever	1
25	58376	Lockplate	1	52	66269	Emblem - Fuel tank (DSP)	1
26	55636	Washer - Insulating	4				

MODEL 797

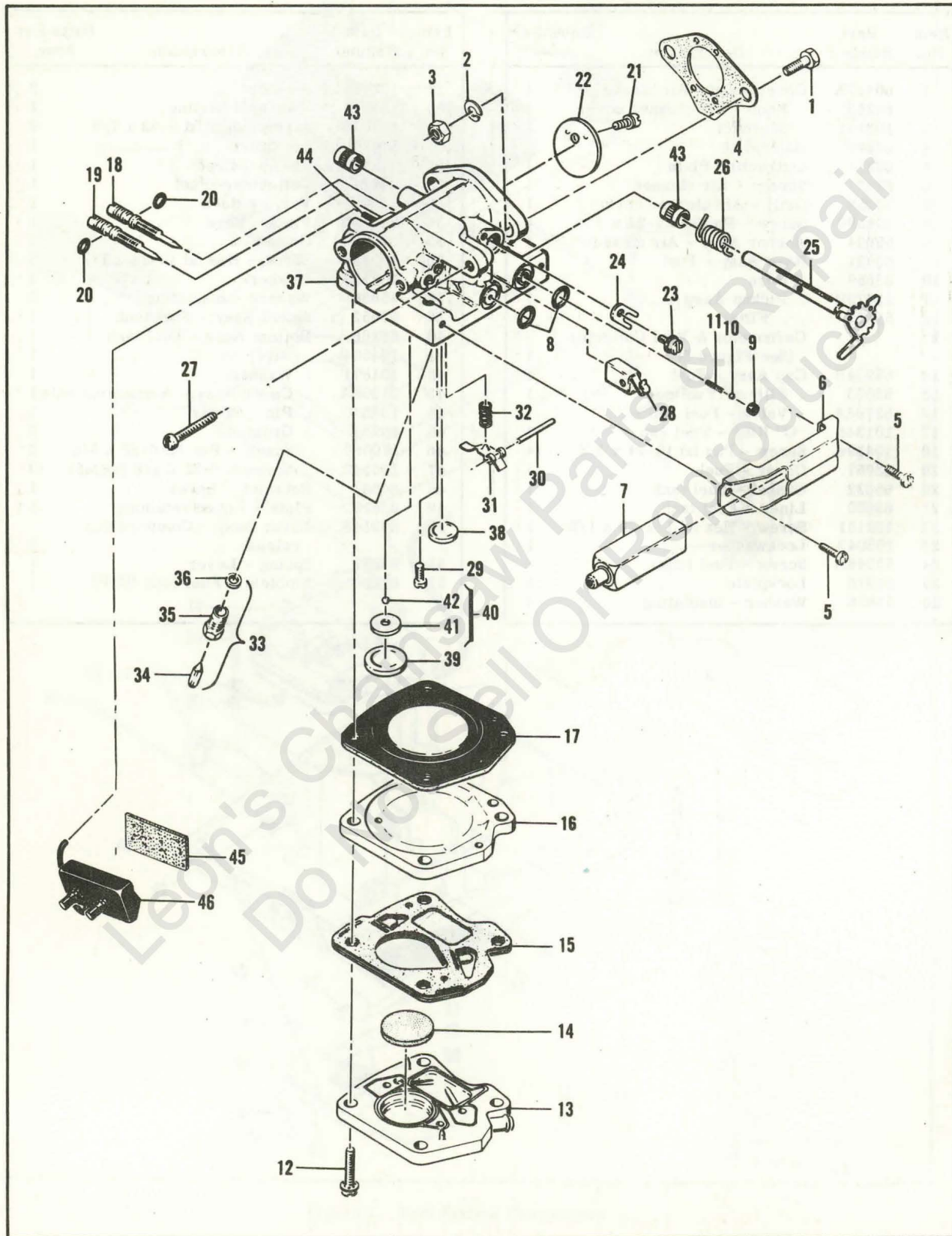


Figure 3. Carburetor and Fuel Collector

Figure 3. Carburetor and Fuel Collector

Item No.	Part Number	Description	Units Per Assy
1	100882	Screw - Hex hd 1/4-20 x 3/4	2
2	101476	Lockwasher - 1/4	2
3	103242	Nut - Hex 1/4-20	2
4	65586	Gasket - Carburetor	1
	-67265	Carburetor Assy - McCulloch	1
5	110054	. Screw - Pan hd 6-32 x 3/8	2
6	53440	. Bracket - Primer mounting	1
7	53449	. Primer Assy	1
8	101056	. "O" Ring	2
9	59480	. Seat - Primer valve	1
10	100302	. Ball - Steel 1/8 in. dia.	1
11	28754	. Spring - Primer	1
12	104520	. Screw - 10-24 x 7/8 (SEMS)	4
13	48898	. Body - Fuel pump	1
14	57277A	. Filter - Fuel pump	1
15	66442	. Diaphragm Assy - Fuel pump	1
16	48901	. Plate - Carburetor diaphragm	1
17	55067C	. Diaphragm - Carburetor	1
18	53948	. Needle - Idle adjustment	1
19	53311	. Needle - Main adjustment	1
20	104001	. "O" Ring	2
21	104814	. Screw - Pan hd 4-40 x 1/4	1
22	61360	. Plate - Throttle	1
23	110055	. Screw - 8-32 x 3/8 (SEMS)	1

Item No.	Part Number	Description	Units Per Assy
24	55082	. Clip - Shaft	1
25	61854A	. Shaft Assy - Throttle	1
26	61858	. Spring - Idle governor	1
27	62910	. Screw - Idle adjustment	1
28	61108	. Guide - Throttle rod	1
29	104164	. Screw - Pan hd 4-40 x 1/4	1
30	104305	. Pin - Lever	1
31	55688	. Lever - Inlet control	1
32	57172	. Spring - Inlet control	1
33	60163A	. Valve Set - Needle & body	1
34	63038	. Needle - Inlet control	1
35	58969	. Body - Inlet control	1
36	55689	. Washer - Inlet control	1
37	-66420	. Body Assy - Carburetor	1
38	110179	. Plug - Expansion 1/2 in	1
39	104407	. Plug - Expansion 1 in	1
40	61155	. Set - Ball & seat	1
41	61152	. Seat - Ball valve	1
42	61151	. Ball - Valve	1
43	55062A	. Bushing - Body	2
44	47523	. Tube - Collector inlet	1
45	58865	Absorber - Fuel	1
46	63651	Collector Assy - Fuel	1

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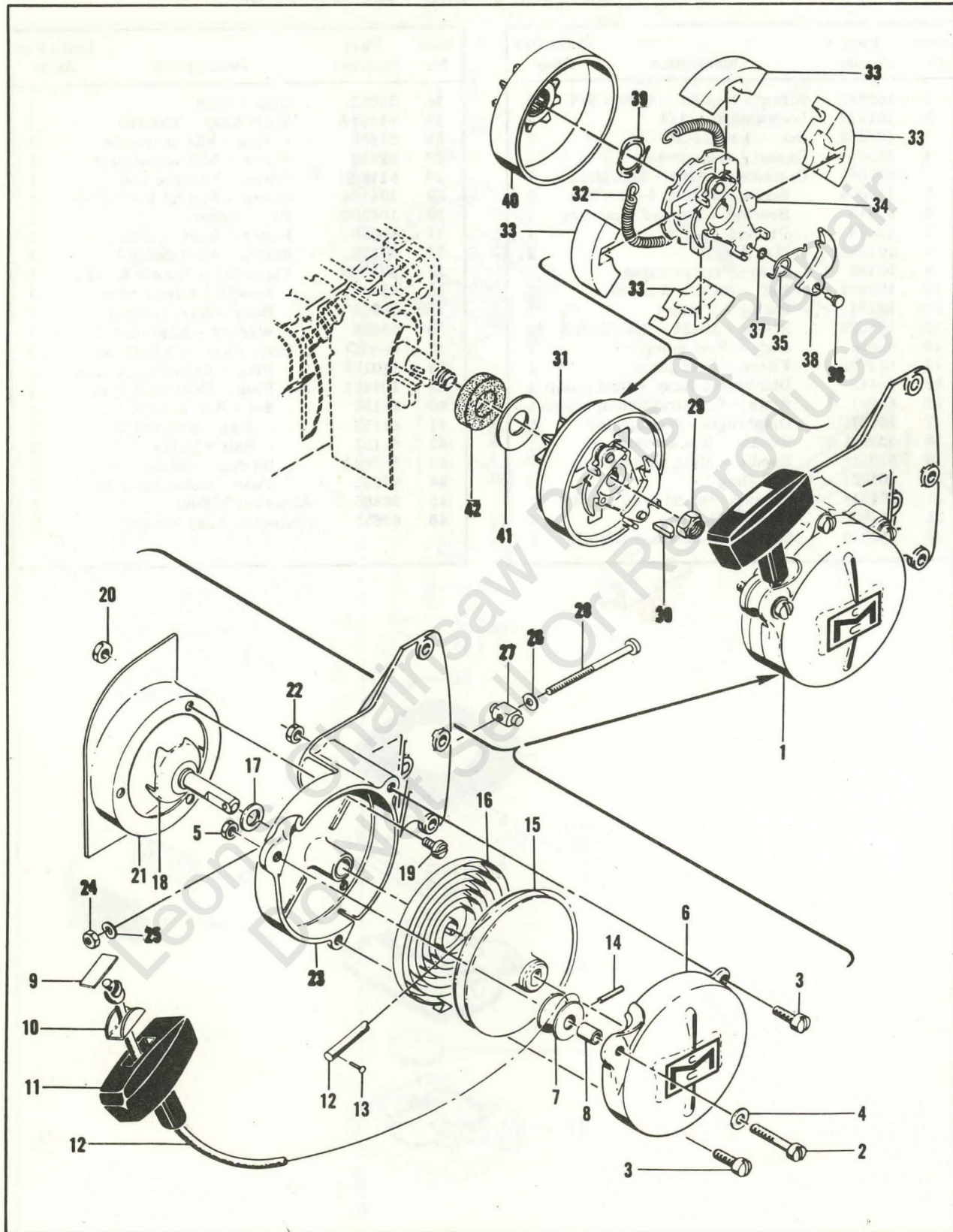


Figure 4. Starter and Clutch Assembly

Figure 4. Starter and Clutch Assembly

Item No.	Part Number	Description	Units Per Assy
1	63645	Starter Assy	1
2	101284	. Screw - Fil hd 10-24 x 1-1/8	1
3	103859	. Screw - Fil hd 10-24 x 3/4	2
4	102189	. Washer	1
5	101191	. Nut - Hex 10-24	1
6	55024B	. Cover - Starter	1
7	51138	. Pulley - Starter rope	1
8	103536	. Bearing - Pulley	1
9	57232	. Plate - Starter handle	1
10	57231	. Cup - Starter handle	1
11	57230	. Handle - Starter	1
12	28716	. Rope - Starter	1
13	101136	. Rivet	1
14	103047	. Pin - Roll	1
15	55871	. Drum - Starter	1
16	51665	. Spring - Starter rewind	1
17	104457	. Washer	1
18	51923	. Shaft Assy - Starter	1
19	104071	. Screw - Pan hd 8-32 x 5/16	3
20	100955	. Nut - Hex 8-32	3
21	63646	. Cover - Sawdust shield	1
22	101191	. Nut - Hex 10-24	2

Item No.	Part Number	Description	Units Per Assy
23	57660A	. Starter Base Assy	1
24	100640	. Nut - Hex 1/4-28	1
25	102813	. Washer - Spring	1
26	100005	. Washer - 1/4	1
27	52207C	. Nut - Bar adjustment	1
28	104548	. Screw - 1/4-20 x 3-5/8	1
29	103746	Nut - Flexloc	1
30	103879	Key - Woodruff	1
31	51470E	Clutch Assy	1
32	51468A	. Spring - Shoe retaining	1
33	51464A	. Shoe - Clutch	4
34	52175B	. Rotor Assy - Clutch	1
35	51910B	. . Spring - Pawl	2
36	60730	. . Pin - Special	2
37	60731	. . Spacer - Pawl	2
38	60729A	. . Pawl - Clutch	2
39	103718	Spring - Thrust	1
40		Sprocket, Clutch & Drum Assy (See Figure 5)	1
41	51420	Washer - Inner sprocket	1
42	57785A	Seal - Felt sprocket	1



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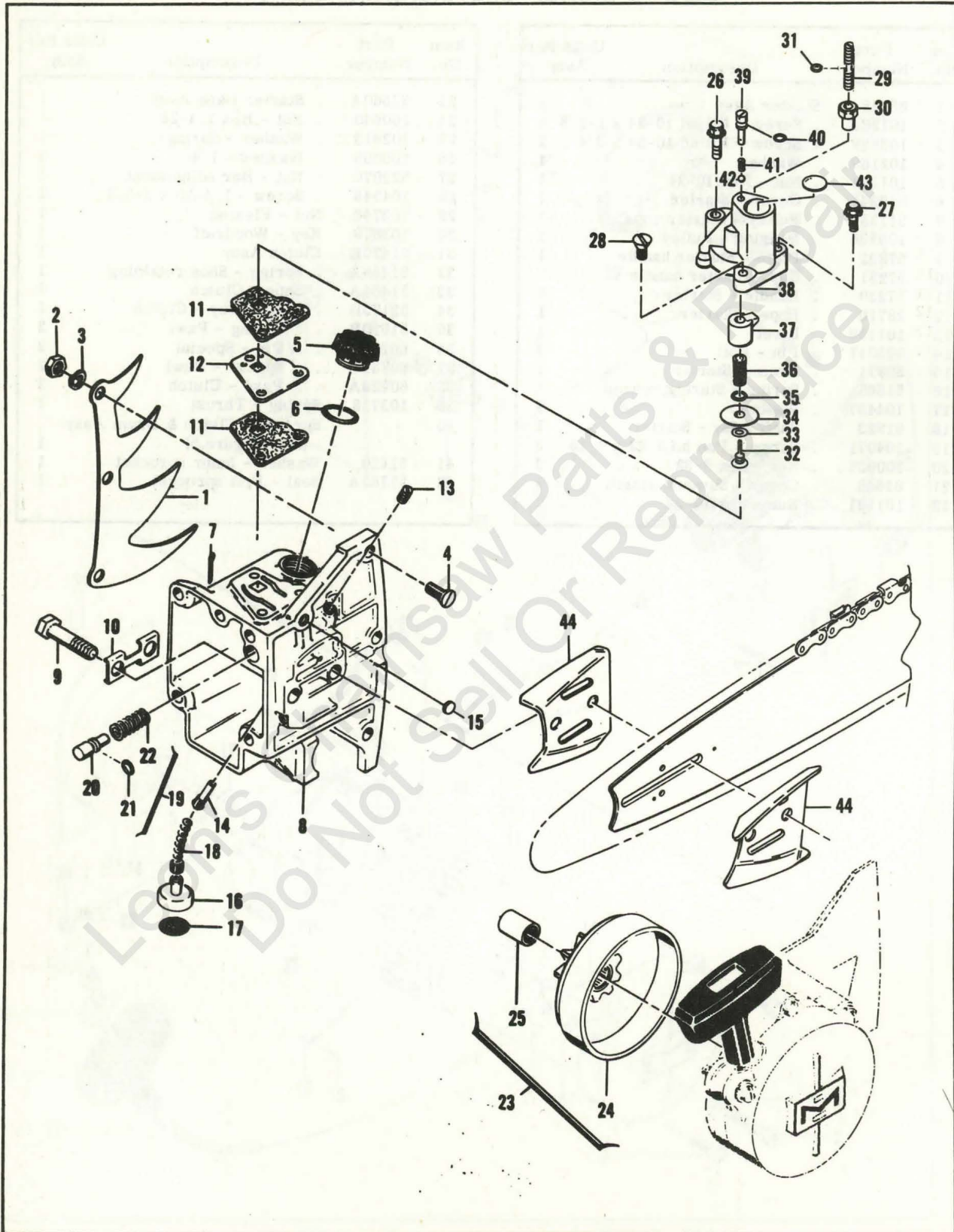


Figure 5. Chain Oiler Assemblies

Figure 5. Chain Oiler Assemblies

Item No.	Part Number	Description	Units Per Assy
1	61331	Kit - Spike 4-tooth	1
2	100152	. Nut - Hex 1/4-20	3
3	100153	. Lockwasher	3
4	102088	. Screw - Flat hd 1/4-20 x 3/4	3
5	57129A	Cap - Oiler tank	1
6	101148	"O" Ring - Oiler tank cap	1
7	104062	Pin - Cotter	1
8	63060	Housing Assy - Oiler	1
9	51423B	. Bolt - Bar mounting	2
10	51439	. Plate - Lock	1
11	61473	. Gasket - Oil pump	2
12	67471	. Spacer - Pump body	1
13	104869	. Plug - Pipe 1/16-27	1
14	51982A	. Check Valve Assy - Oiler	1
15	105677	. Plug - Expansion 3/8 in	1
16	51505	Weight Assy - Oil line hose	1
17	51506	. Screen - Oil intake	1
18	28007	Hose - Flexible	1
19	63642	Piston Assy - Oiler	1
20	63643	. Piston - Oiler	1
21	103198	. "O" Ring - Oiler piston	1
22	51946	Spring - Oiler	1
23	51774B	Sprocket, Clutch Drum & Bearing Assy (7 tooth - .404 pitch)	1

Item No.	Part Number	Description	Units Per Assy
24	51775C	. Drum & Sprocket Assy	1
25	103688	. Bearing - Needle	1
26	110257	Screw - Hex hd 10-24 x 1-3/4 (SEMS)	1
27	104138	Screw - Hex hd 10-24 x 7/8 (SEMS)	1
28	110245	Screw - Fl hd 10-24 x 3/4	1
	-67917	Pump Assy - Pulse	1
29	62890	. Screw - Set 10-24 x 1-1/4	1
30	60976	. Locknut - 10-24	1
31	104001	. "O" Ring	1
32	60260A	. Piston Assy	1
33	60937	. Washer	1
34	60263	. Ring - Piston	1
35	104001	. "O" Ring - Piston	1
36	60259	. Spring - Piston	1
37	-67918	. Sleeve - Piston	1
38	60254D	. Body Assy - Pulse pump	1
39	60397A	. . Screw - Fil hd	1
40	60398B	. . Washer	1
41	60396B	. . Spring - Ball check	1
42	102809	. . Ball - Steel .093 dia	1
43	110157	. . Plug - Expansion 5/8 in	1
44	64935	Plate - Bar protector	2

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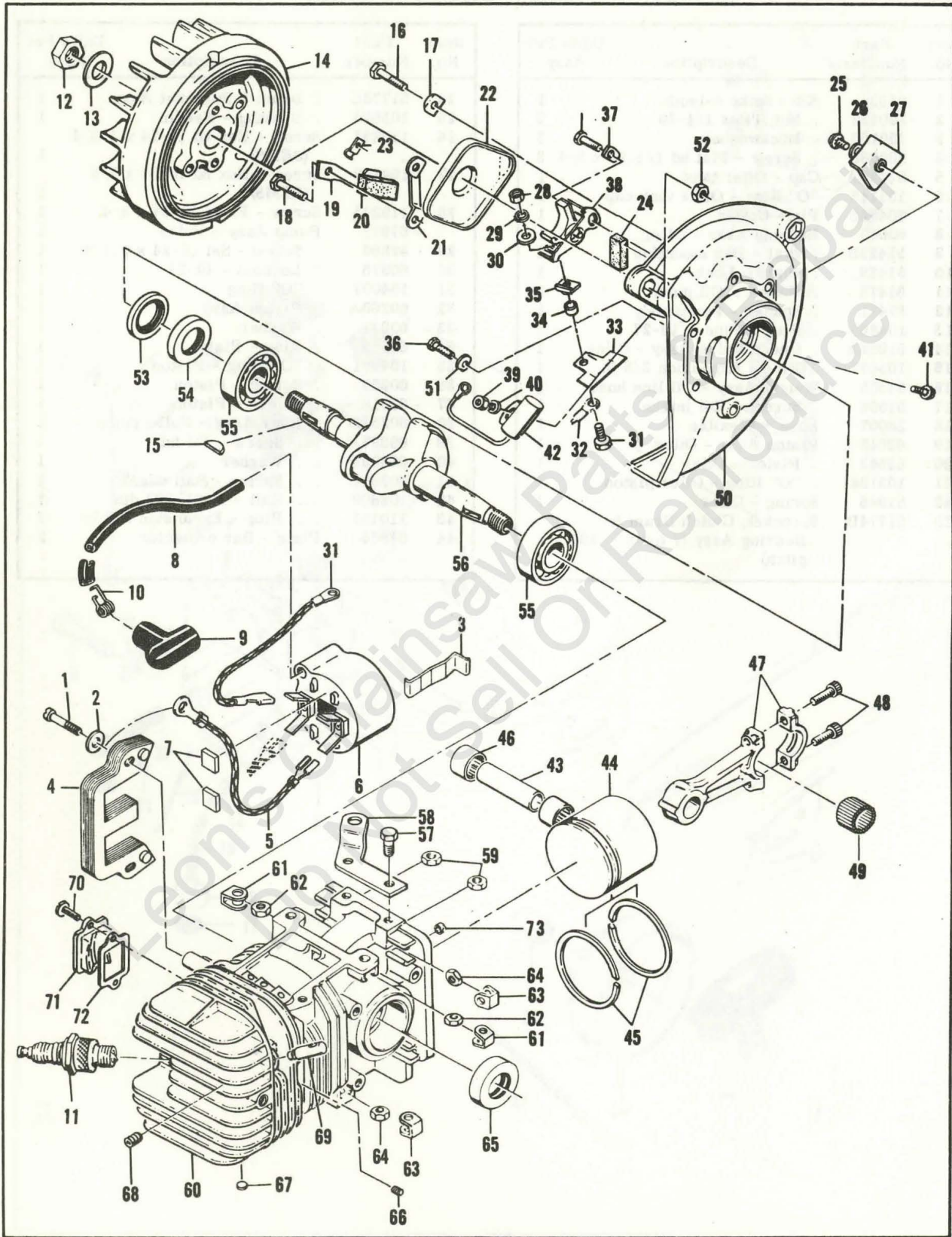


Figure 6. Powerhead Assembly

Figure 6. Powerhead Assembly

Item No.	Part Number	Description	Units Per Assy	Item No.	Part Number	Description	Units Per Assy
1	104815	Screw - Hex hd 10-24 x 7/8	2	38	57765B	Breaker Assy	1
2	100352	Washer - #10	2	39	100251	Nut - Hex 8-32	1
3	51253	Retainer - Coil	1	40	100057	Lockwasher - #8	1
4	51251	Lamination Assy - Coil	1	41	104733	Screw - 8-32 x 1/2 (SEMS)	1
5	63639	Wire Assy - Ground	1	42	61650	Condenser	1
6	67921	Coil & Terminal Assy	1	43	66034	Pin - Piston	1
7	67863	. Spacer - Lamination	2	44	67089	Piston Assy	1
8	63640	. Wire Assy - Spark plug	1	45	47865	. Ring Set - Piston	1
9	62926	. . Boot - Spark plug	1	46	110107	. Bearing - Needle	2
10	62932	. . Connector - Spark plug wire	1	47	66049	Connecting Rod Assy	1
11	63097	Spark Plug - AC CS 45T	1	48	47819A	. Screw - Socket hd 10-32 x 5/8	2
12	101179	Nut - Hex 7/16	1	49	102742	. Roller - Needle	24
13	101270	Washer - Special	1	50	57827A	Crankcase Cover Assy	1
14	65765	Flywheel Assy	1	51	55778E	. Washer - Breaker retainer	1
15	103879	Key - Woodruff	1	52	101326	. Nut - Hex 10-24	2
16	102763	Screw - Hex hd 10-24 x 3/4	2	53	57897	. Seal - Oil	1
17	36388	Lockplate	1	54	57898	. Seal - Oil	1
18	102763	Screw - Hex hd 10-24 x 3/4	4	55	66016	Bearing - Ball	2
19	57815	Strap - Seal	1	56	66010	Crankshaft	1
20	50664	Seal - Breaker box drain	1	57	102762	Screw - Hex hd 10-24 x 1/2	2
21	55977	Clip - Breaker box cover	2	58	53271	Bracket - Fuel tank mounting	1
22	55766B	Cover - Breaker box	1	59	101326	Nut - Hex 10-24	2
23	104230	Speednut	1	60	67420	Cylinder Assy - Crankcase	1
24	54184	Wiper - Felt	1	61	28053	. Retainer - Nut	2
25	110055	Screw - 8-32 x 3/8 (SEMS)	1	62	101326	. Nut - Hex 10-24	2
26	100080	Washer - #8	1	63	18556A	. Retainer - Nut	6
27	57829	Clamp - Ignition wire	1	64	105394	. Nut - Hex 1/4-20	6
28	104551	Nut - Hex 8-32	1	65	104432	. Seal - Oil	1
29	104553	Lockwasher	1	66	110034	. Insert - Taplok	3
30	100080	Washer - #8	1	67	110340	. Plug - Expansion 1/2 in.	3
31	110338	Screw - Hex hd 8-32 x 9/16	1	68	104869	. Plug - Pipe 1/16-27	1
32	63628	Wire Assy - Primary	1	69	63615	. Valve - Compressn release	1
33	55782A	Insulator - Primary wire assy	1	70	110196	Screw - 8-32 x 7/16	2
34	57769	Insulator - Ignition screw	1	71	65917	Cover - Boost port	1
35	57770A	Insulator - Breaker spring	1	72	65916	Gasket - Port cover	1
36	104733	Screw - 8-32 x 1/2 (SEMS)	2	73	57736	Seal - Pushrod	1
37	57767A	Lockplate	1				

MODEL 797

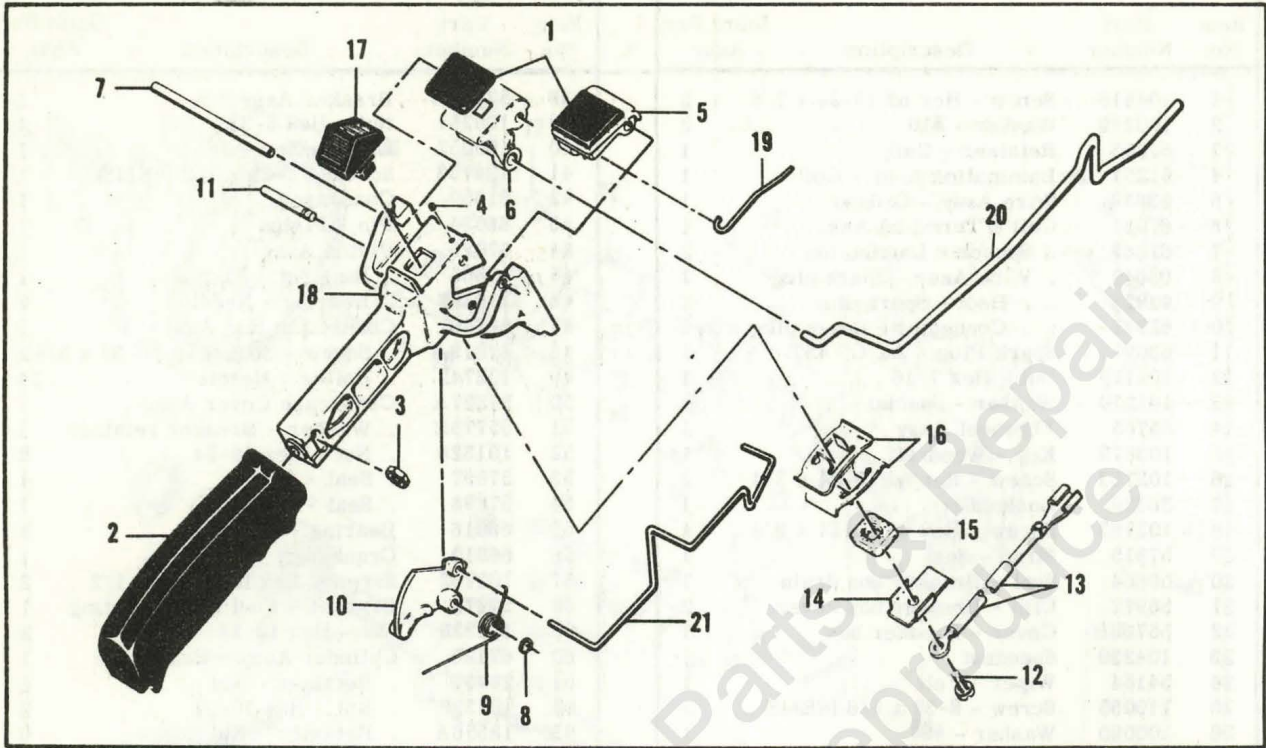


Figure 7. Handle and Control Assembly

Figure 7. Handle and Control Assembly

Item No.	Part Number	Description	Units Per Assy
1	55670	Grommet	2
	64860	Handle & Control Assy	1
2	55624A	. Grip - Handle	1
3	101326	. Nut - Hex 10-24	1
4	104484	. Screw - Set 8-32 x 1/4	1
5	55968A	. Button - Primer control	1
6	55969A	. Button - Oiler control	1
7	51344A	. Shaft - Primer & oiler buttons	1
8	104501	. Retainer - Trigger pin	1
9	55674	. Spring - Trigger return	1
10	63663	. Trigger	1

Item No.	Part Number	Description	Units Per Assy
11	50507	. Pin - Trigger	1
12	103672	. Screw - Fil hd 8-32 x 1/2 (SEMS)	1
13	63662	. Wire Assy - Stop switch	1
14	51279	. Contact - Switch	1
15	51555	. Insulator - Switch	1
16	51554A	. Detent - Switch	2
17	57718	. Button - Switch	1
18	55986	. Handle	1
19	53583A	Pushrod - Primer	1
20	51857B	Pushrod - Oiler	1
21	63665	Pushrod - Throttle	1

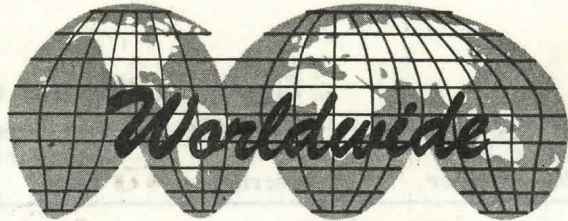
Accessories

Part Number	Description
68120	Owner's Manual
61040	Wrench & Screwdriver Combination
101522	Wrench - Spark arrester
67091	Piston Assy - 2.290
66048	. Ring Set - 2.290
67092	Piston Assy - 2.300
66047	. Ring Set - 2.300
67093	Piston Assy - 2.310
66045	. Ring Set - 2.310
64797	Wrench - Spark Plug

Part Number	Description
63173	Spark Arrester - half quiet
63174	Spark Arrester - full quiet
51178B	Spkt, Drum, Bearing Assy 7/16 in. 7 tooth
51793B	Spkt, Drum, Bearing Assy 1/2 in. 6 tooth
65149	Set - Bar plates (slimline bars)
65712	Timing Guide
63432	Spark Plug - AC CS 42T



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