



78960

78961

78963

78964

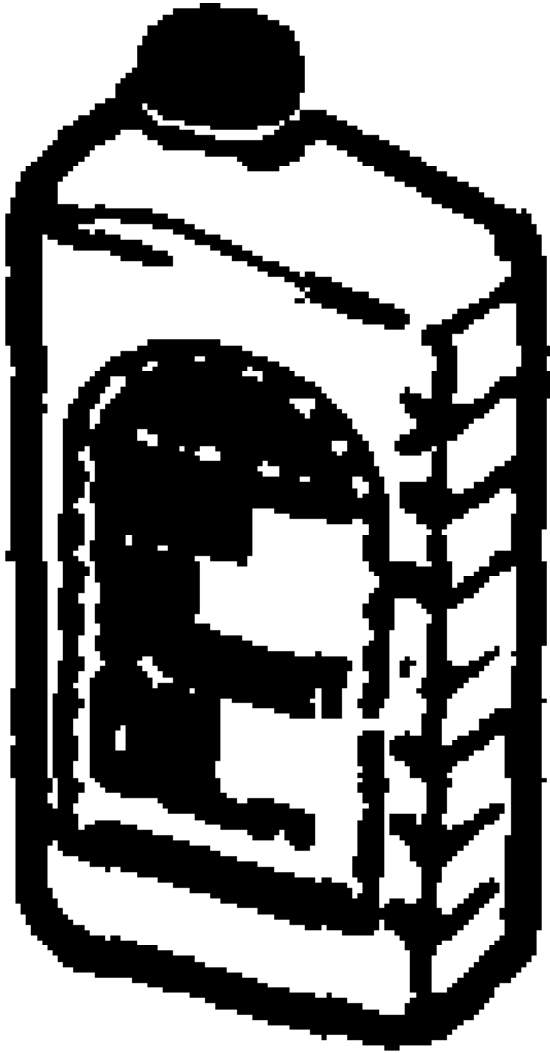
110626

Ref #	Part Number	Qty	Description
78960	78960		40:1 Two-Cycle Motor Oil - 6oz. can
78961	78961		40:1 Two-Cycle Motor Oil - 6-pack (6oz. can)
78963	78963		40:1 Two-Cycle Motor Oil - 16oz. can
78964	78964		40:1 Two-Cycle Motor Oil - 6-pack (16oz.can)
110626	110626		40:1 Two-Cycle Motor Oil - 1 qt. bottle

No
Diagram
Available

Parts List
Only

Ref #	Part Number	Qty	Description
	69210		Piston Assy - 0.020 in. oversize
	62813		Ring Set - Piston 0.020 in. oversize
	69211		Piston Assy - 0.030 in. oversize
	62812		Ring Set - Piston 0.030 in. oversize
	63341A		Kit - Spike
	69058		Kit - Wrap-around frame
	69191		Kit - Pressure test adaptor
	63432		Spark Plug - AC CS42T
	65778		Spark Plug - AC CS41T
	65712		Guide - Timing
	65325		Baffle - Spark arrester
	63746		Scrench
	62827		Wrench - Screwdriver
	68965		Manual - Owners
	83434		Manual - Owners
	84220		Manual - Owners



110631

110632

Ref #	Part Number	Qty	Description
110631	110631		Chain, Bar, and Sprocket Oil - 1qt. bottle
110632	110632		Chain, Bar, and Sprocket Oil - Case of 24 (1qt. Bottles)



A



B



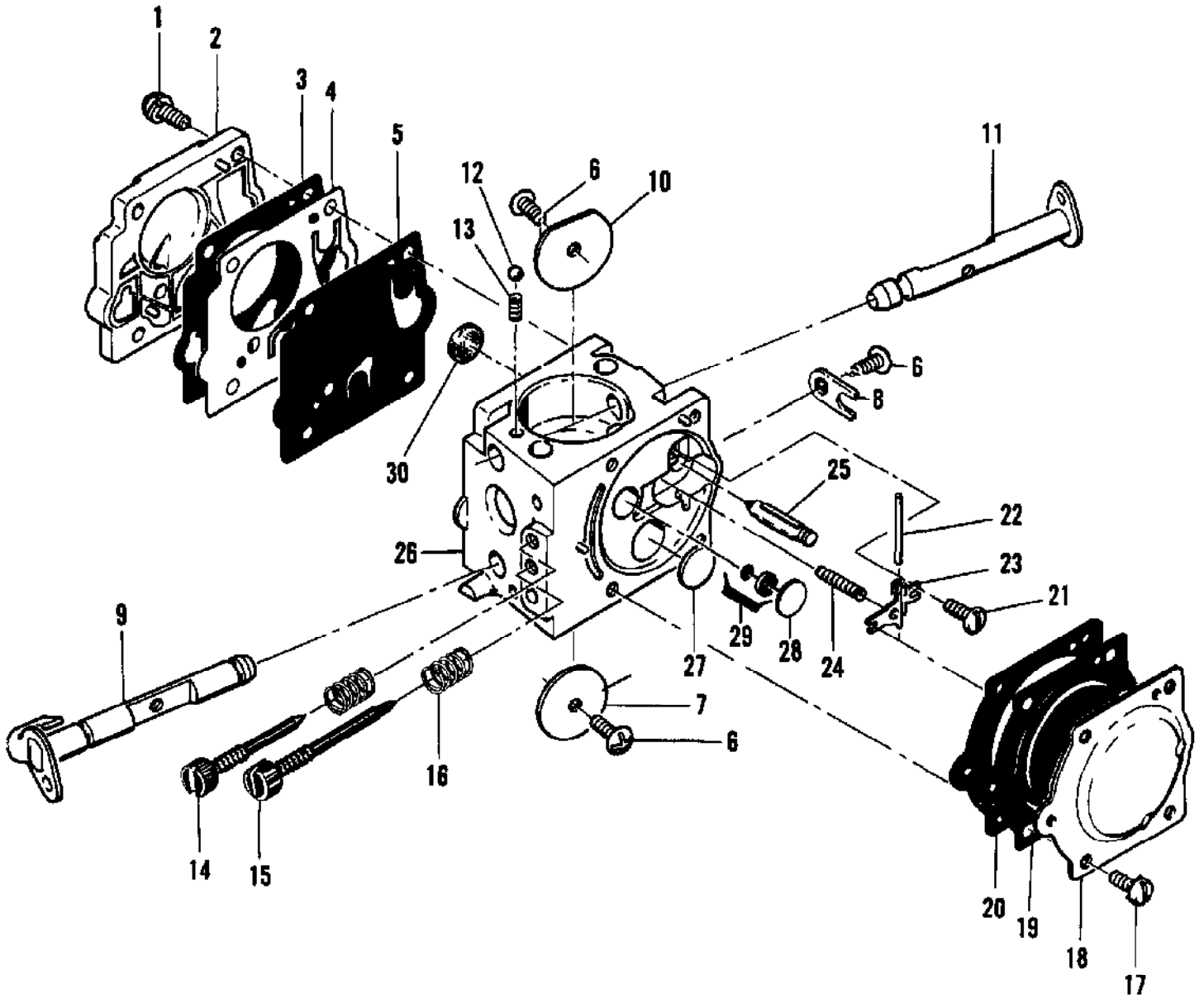
C



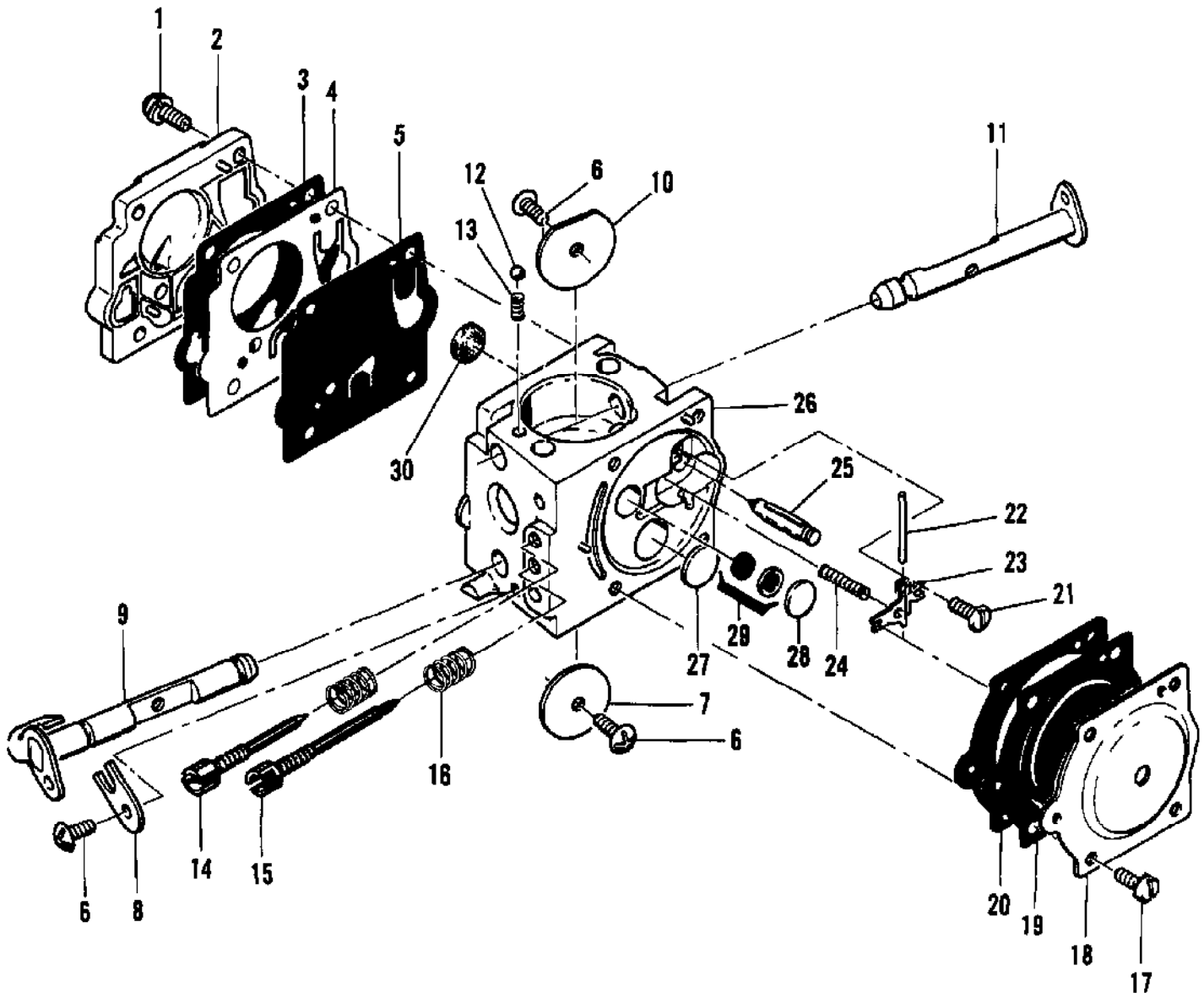
D

Bar Guards

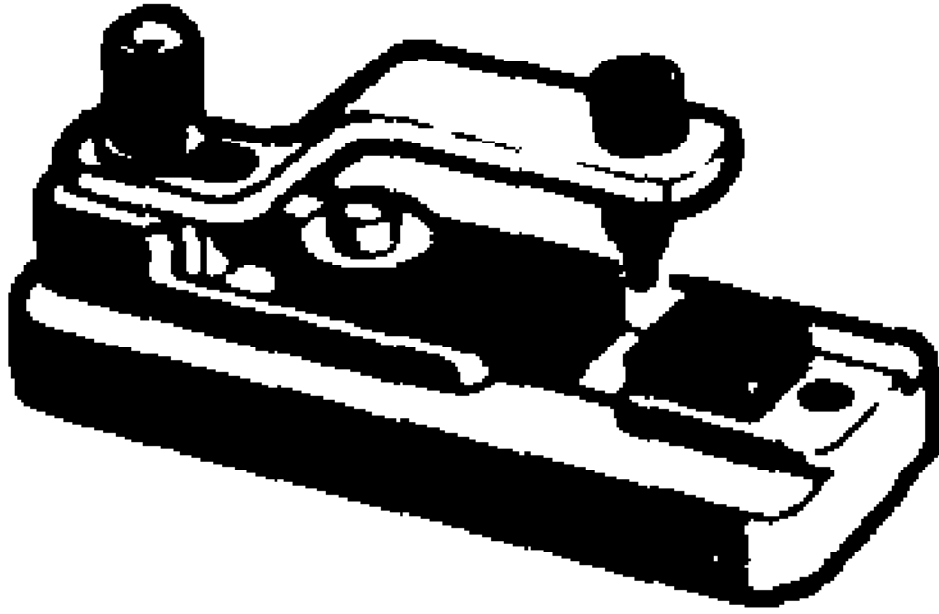
Ref #	Part Number	Qty	Description
A	56927		Bar Guard - For wide bars Black Polyvinylchloride
B	64930		Bar Guard - Narrow bars Black Polyvinylchloride
C	66544		Bar Guard - MAC 10 - 16, 20" Rigid Yellow Plastic
D	83124		Bar Guard - PM 6 - 12, 16" Rigid Yellow Plastic



Ref #	Part Number	Qty	Description
1	69942	1	Carburetor Assy (McCulloch SDC 18)
1	67501	4	Screw - Pump cover
2	83760	1	Cover - Pump
3	67495	1	Gasket - Cover
4	67498	1	Diaphragm - Check valve
5	83114	1	Diaphragm - Fuel pump
6	47690	3	Screw - Plate
7	83762	1	Plate - Throttle
8	67489	1	Clip - Shaft
9	67486	1	Shaft Assy - Throttle
10	67490	1	Plate - Choke
11	67488	1	Shaft Assy - Choke
12	100302	1	Ball - Choke friction
13	67504	1	Spring - Choke friction
14	68104	1	Needle - High speed
15	68105	1	Needle - Idle
16	67502	2	Spring - Needle
17	70798	4	Screw - Diaphragm cover
18	83761	1	Cover - Diaphragm
19	67499	1	Diaphragm - Metering
20	67496	1	Gasket - Diaphragm
21	67500	1	Screw - Lever pin
22	67508	1	Pin - Lever
23	67509	1	Lever - Inlet
24	67503	1	Spring - Lever
25	67491	1	Valve - Needle
26	83759	1	Body Assy - Carburetor
27	71690	1	Plug - 3/8
28	69506	1	Plug - 5/16
29	83758	1	Kit - Valve & Seat Assy
30	67507	1	Screen - Fuel
	67482		Gasket Set
	83764		Repair Kit

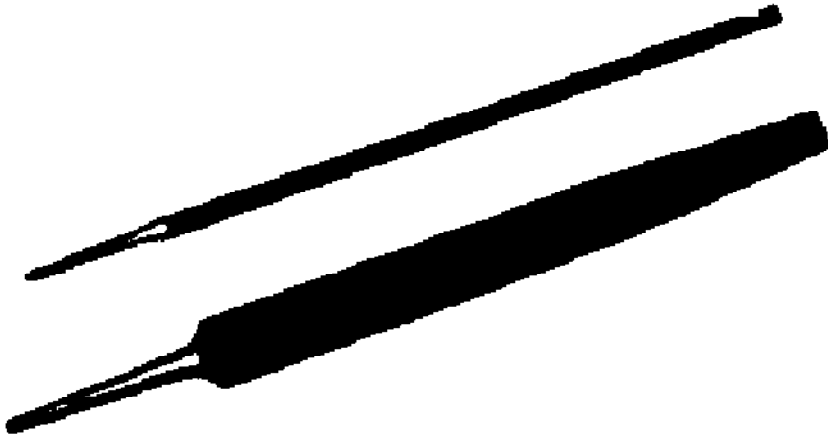


Ref #	Part Number	Qty	Description
	67379	1	Carburetor Assy (McCulloch SDC 2)
1	67501	4	Screw - Pump cover
2	83760	1	Cover - Pump
3	67495	1	Gasket - Cover
4	67498	1	Diaphragm - Check valve
5	83114	1	Diaphragm - Fuel pump
6	47690	3	Screw - Plate
7	67487	1	Plate - Throttle
8	67489	1	Clip - Shaft
9	67486	1	Shaft Assy - Throttle
10	67490	1	Plate - Choke
11	67488	1	Shaft Assy - Choke
12	100302	1	Ball - Choke friction
13	67504	1	Spring - Choke friction
14	67506	1	Needle - High speed
15	67505	1	Needle - Idle
16	67502	2	Spring - Needle
17	70798	4	Screw - Diaphragm cover
18	83761	1	Cover - Diaphragm
19	67499	1	Diaphragm - Metering
20	67496	1	Gasket - Diaphragm
21	67500	1	Screw - Lever pin
22	67508	1	Pin - Lever
23	67509	1	Lever - Inlet
24	67503	1	Spring - Lever
25	67491	1	Valve - Needle
26	67483	1	Body Assy - Carburetor
27	71690	1	Plug - 3/8
28	69506	1	Plug - 5/16
29	83758	1	Kit - Valve & Seat Assy
30	67507	1	Screen - Fuel
	67482		Gasket Set
	67481		Repair Kit

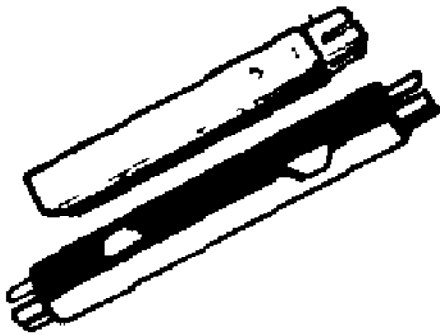
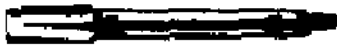


61753

Ref #	Part Number	Qty	Description
61753	61753		"Break All" Chain Breaker Required when repairing chain; Instructions included.



67750
60950

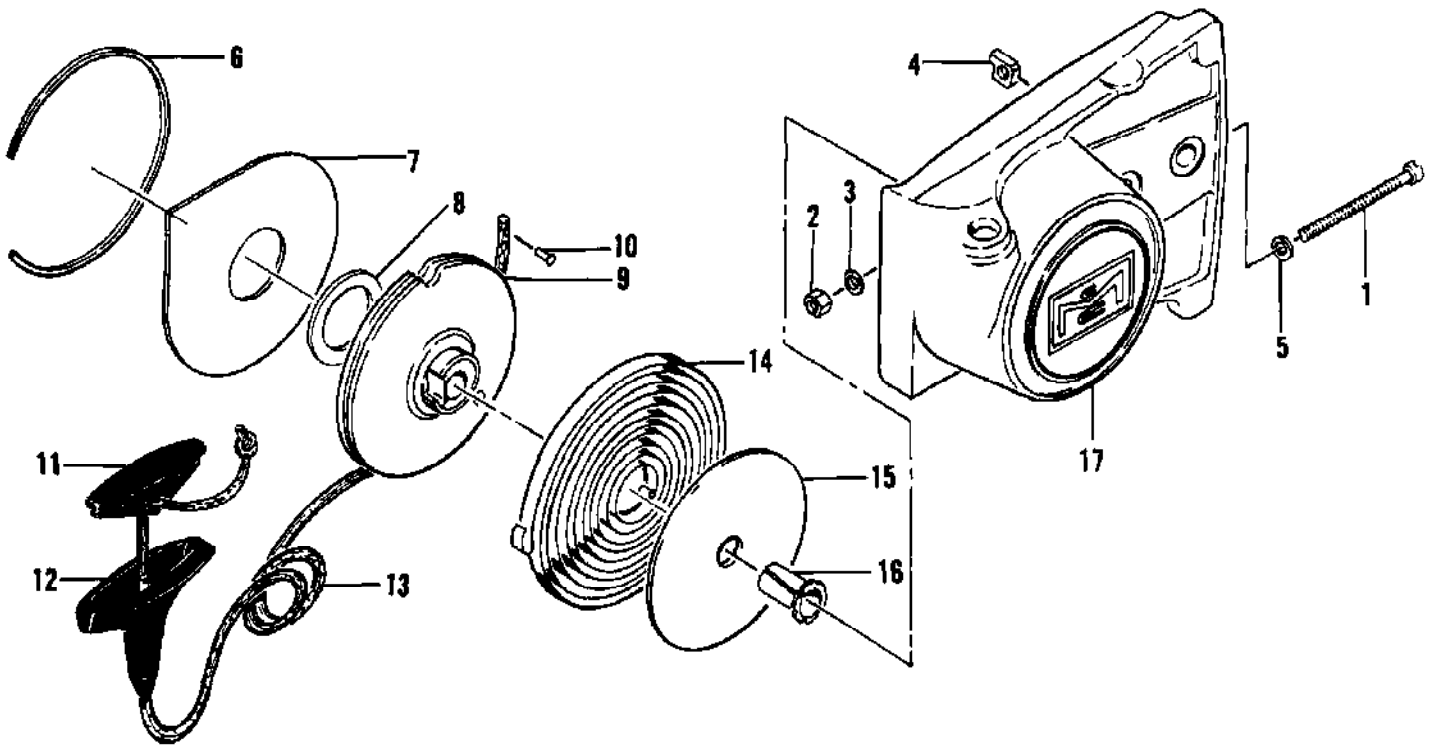


56241
64198
64359
67688
67680

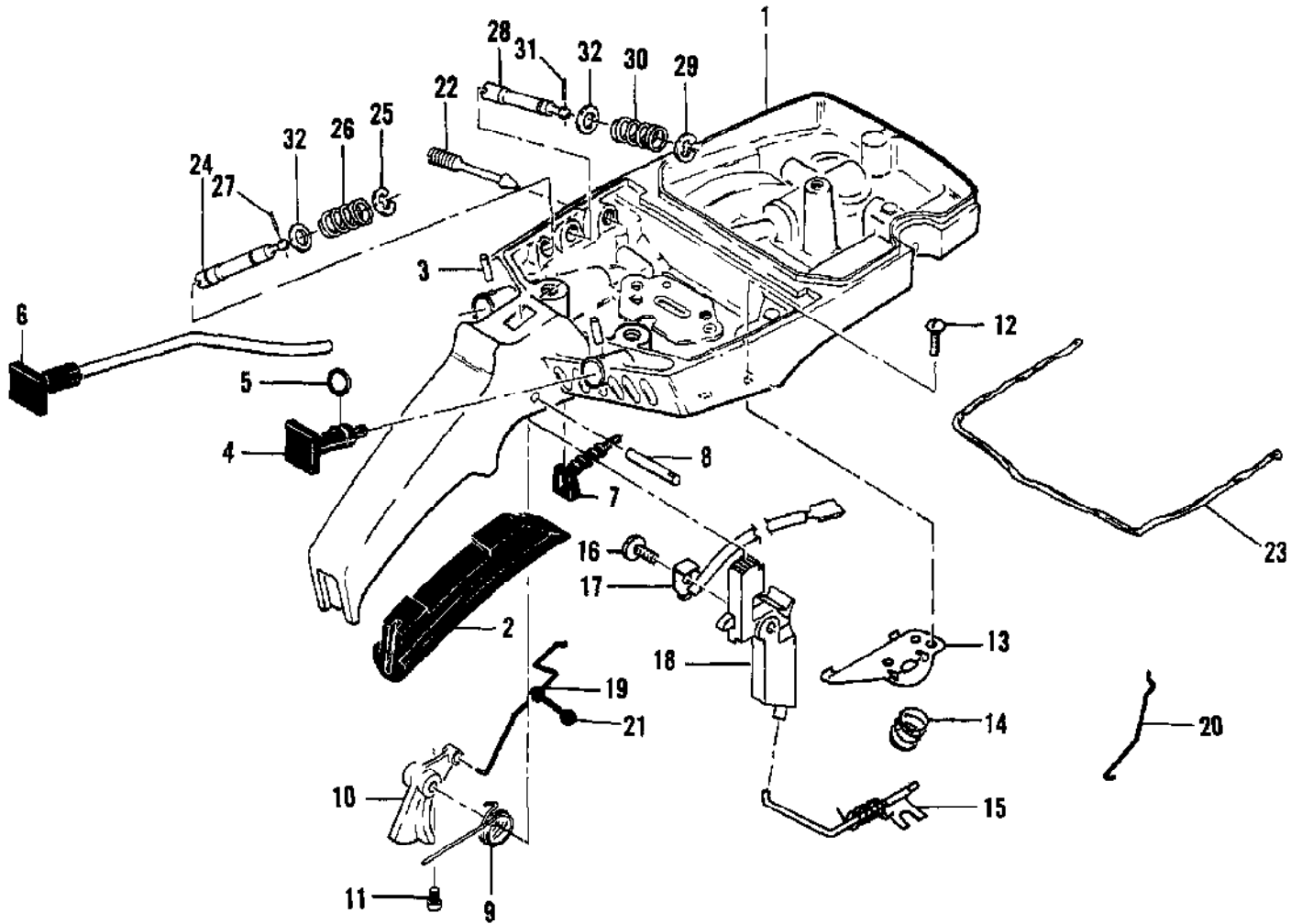


#61034

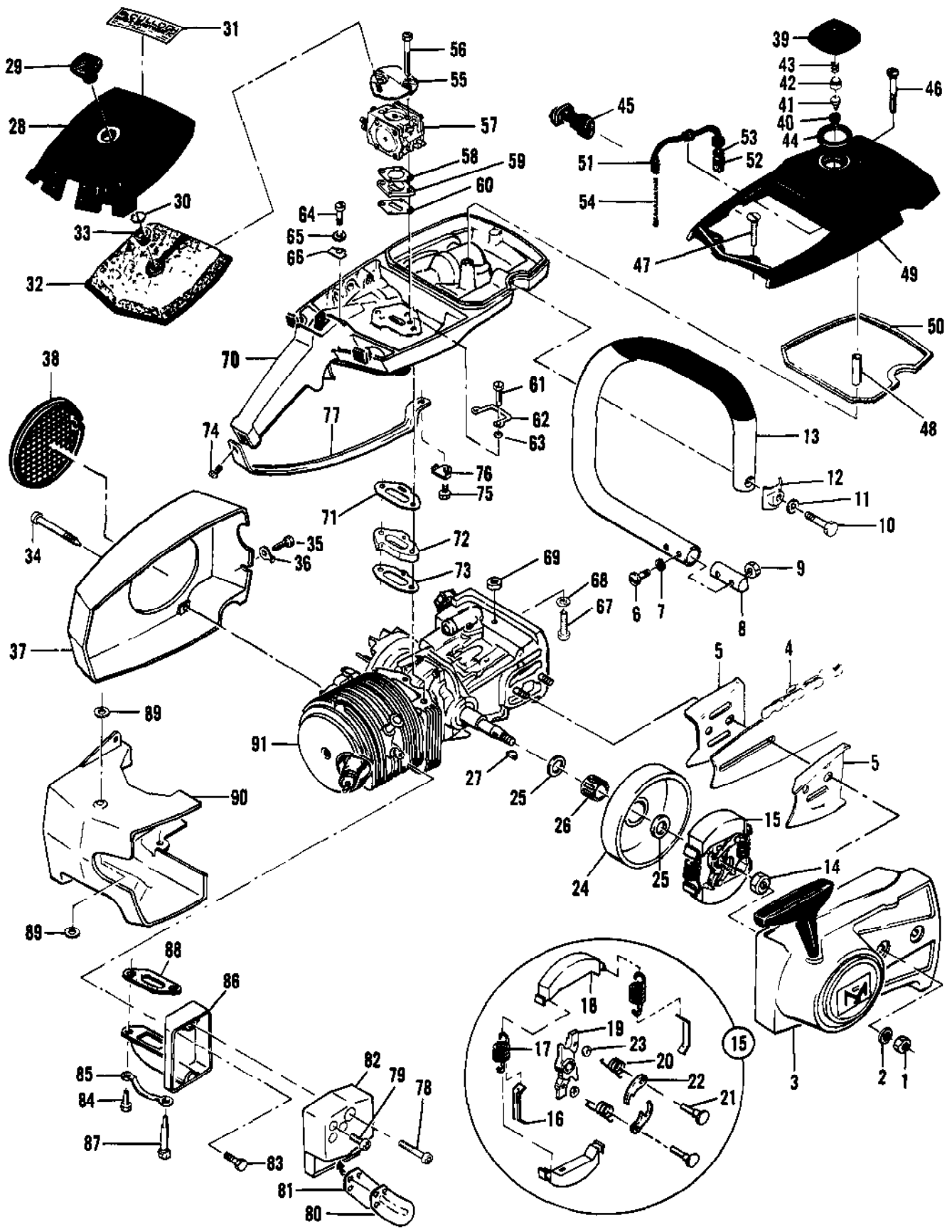
Ref #	Part Number	Qty	Description
			File 1/8" round Used on model S-25
			File 5/32" round Used on models S-25 & SM-57
			File 3/16" round Used on model SM-57
			File 7/32" round Used on model S-40
			File 1/4" round Used on model S-80
			File 9/32" round Used on model S-90
			File 8" flat Used on all models
			File 6" flat safety Used on all models
67750	67750		File Guide and File - 1/8" round Used on model S-25
60950	60950		File Guide & File - 7/32" round Also holds 3/16 and 1/4" round; Used on model S-40 (7/32" round); Models SM-57 & S-80 (3/16" and 1/4" round).
56241	56241		Depth Gauge Tool - .045-.060" Used on models S-40, S-80, & S-90
64198	64198		Depth Gauge Tool - .035-.060" Used on model SM-57, S-40, S-80, S-90
64359	64359		Depth Gauge Tool - .045-.050" Used on model SM-57
67688	67688		Depth Gauge Tool - .015-.020" Used on model S-25
67680	67680		Depth Gauge Tool - .025-.030" Used on all models
61034	61034		File-N-Joint Assures correct filing angle, height; Used on all models.



Ref #	Part Number	Qty	Description
	83850	1	Clutch Guard Assy
1	102144	1	Screw - Bar adjusting
2	102067	1	Nut - Hex 10-24
3	110387	1	Washer - Wave
4	61705	1	Nut - Bar adjusting
5	110264	1	Washer - #10
6	67205	1	Retainer - Shield
7	63985	1	Shield - Dust
8	63986	1	Washer - Thrust
9	83651	1	Drum - Starter
10	110470	1	Rivet - Rope
11	62191A	1	Insert - Handle
12	62190A	1	Handle - Starter
13	69964	1	Rope - Starter
14	68626	1	Spring - Rewind
	83334	1	Spring - Rewind
15	63987	1	Shield - Starter spring
16	61635A	1	Bushing - Nyliner
17	67207	1	Guard - Clutch
	83569	1	Guard - Clutch



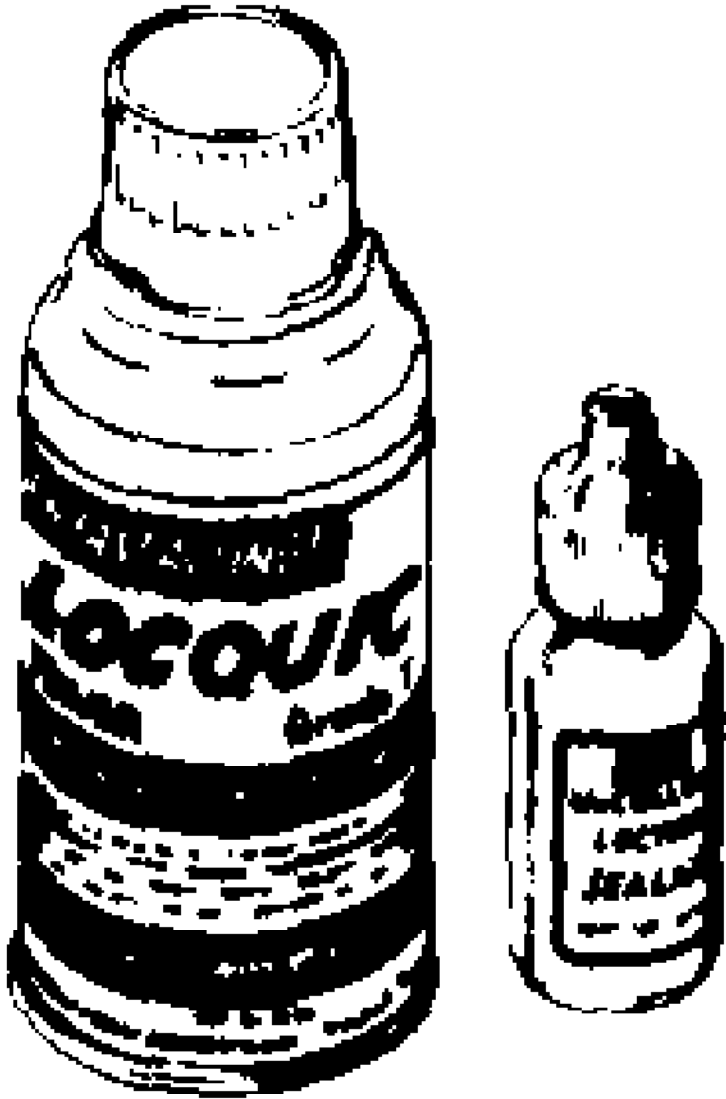
Ref #	Part Number	Qty	Description
1	68683	1	Fuel Tank Assy
	84183	1	Fuel Tank Assy
2	64872	1	Grip - Handle
3	105673	2	Pin - Roll 3/32 x 9/16
4	68517	1	Button - Choke
	69041	1	Button - Choke
5	101056	1	"O" Ring
6	64871	1	Button & Rod Assy
7	68522	1	Seal - Throttle rod
8	110378	1	Pin - Roll 3/16 x 15/16
9	65734	1	Spring - Throttle return
10	67224	1	Trigger
11	110537	1	Screw - Trigger adjustment
12	105249	2	Screw - Rd hd 8-32 x 3/8
13	64721	1	Bracket - Lever Assy
14	69687	1	Spring - DSP valve
15	69811	1	Lever Assy - DSP
16	110469	1	Screw - Pan hd 8-32 x 5/16 s/t
	110385	1	Screw - Pan hd 8-32 x 5/16
17	65873	1	Wire Assy - Stop switch
18	67209	1	Button - Control
19	68170	1	Rod - Throttle
20	67355	1	Rod - Choke
	69042	1	Rod - Choke
21	69043	1	Snubber - Control rod
22	67271	1	Screw - Idle speed adjustment
23	69564	A/R	Seal - Airbox
24	68102	1	Extension Assy - High speed
25	110512	1	Ring - Retaining
26	67363	1	Spring - Extension
27	110509	1	Pin - Groove
28	68101	1	Extension Assy - Idle
29	110512	1	Ring - Retaining
30	67363	1	Spring - Extension
31	110509	1	Pin - Groove
32	67292	2	Washer - Special



Ref #	Part Number	Qty	Description
1	110454	2	Nut - Hex 5/16-24
2	100440	2	Washer - 5/16
3			Clutch Guard Assy See "Clutch Guard Assembly" illustration and parts list
4			Bar & Chain Assys
5	64325	2	Plate - Bar protector
6	102761	2	Screw - Hex hd 10-24 x 7/8
7	100352	2	Washer - #10
8	61678	1	Plug - Nut retainer
9	101326	2	Nut - Hex 10-24
10	102130	1	Screw - Hex hd 1/4-20 x 1-1/2
11	100153	1	Lockwasher - 1/4
12	63484	1	Clamp - Frame
13	69054	1	Frame & Grip Assy
14	103746	1	Nut - Hex 3/8-24
	110594	1	Nut - Hex 3/8-24
15	67148	1	Clutch Assy
	83224	1	Clutch Assy
	83655	1	Clutch Assy
16	64583	2	Retainer
17	66384	2	Spring
	83223	2	Spring
18	67233	2	Shoe - Clutch
19	67149	1	Rotor Assy - Clutch
	83671	1	Rotor Assy - Clutch
20	68837	2	Spring - Pawl
	83654	2	Spring - Pawl
21	67112	2	Rivet - Pawl
	83653	2	Rivet - Pawl
22	64857	2	Pawl
	24093	2	Pawl
23	65473	2	Washer - Special
24	65370	1	Kit - Sprocket
25	61692	2	Shim
26	110330	1	Bearing - Sprocket
27	103879	1	Key - Woodruff
28	68530	1	Cover Assy - Air cleaner
29	68529	1	Knob - Cover
30	110565	1	Ring - Retaining
31	68698	1	Nameplate
32	68520	1	Filter Assy - Air
	83230	1	Filter Assy - Air
33	68528	1	Grommet
32	69922	1	Filter - Air
34	62978	3	Screw - Special
35	102762	1	Screw - Hex hd 10-24 x 1/2
36	69890	1	Lockplate
37	83521	1	Kit - Fan housing
38	55615	1	Guard - Flywheel
39	68531	1	Cap Assy - Fuel
40	68533	1	Plug
41	63041	1	Valve
42	62316	1	Guide
43	63040	1	Spring
44	69767	1	Gasket

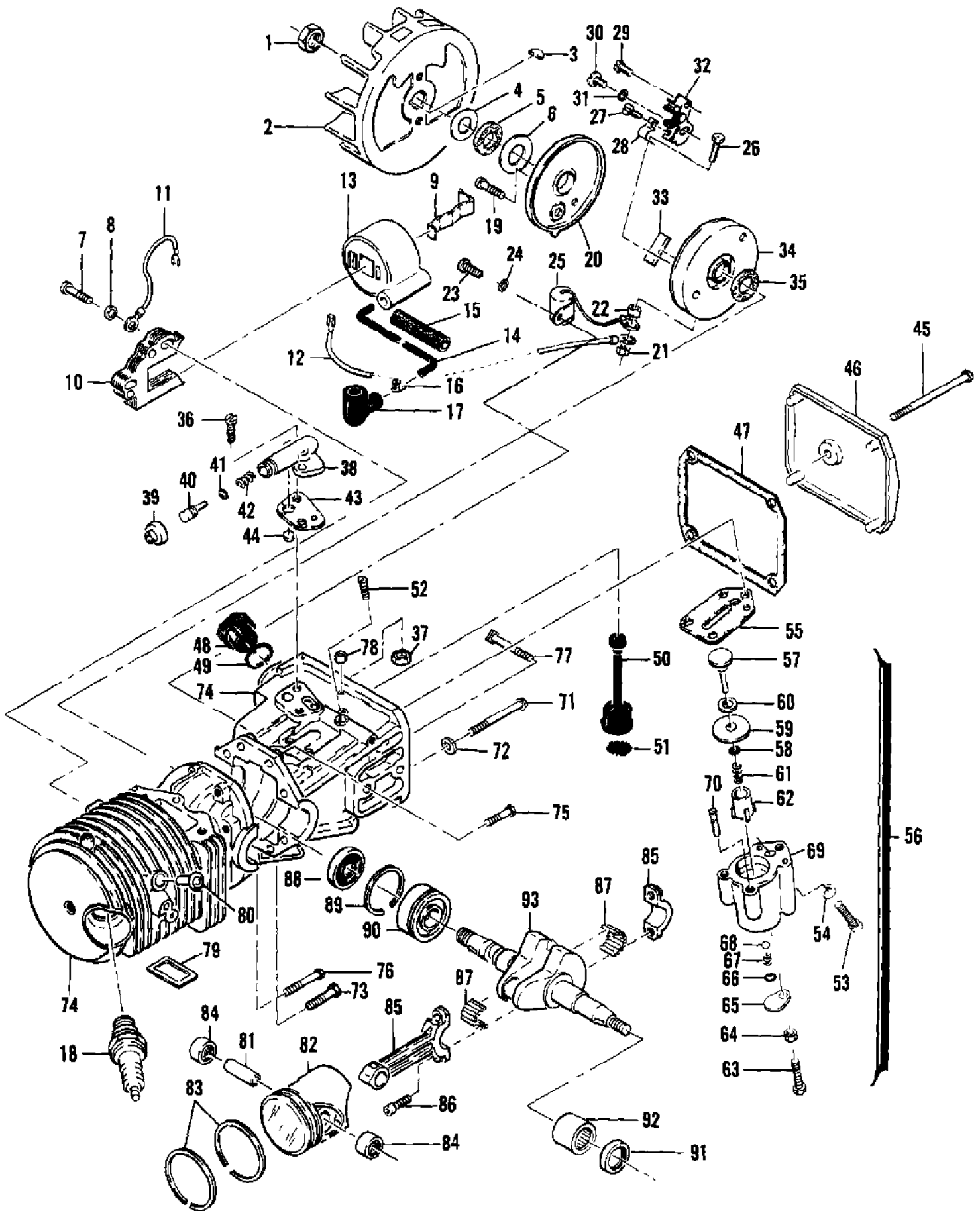
Ref #	Part Number	Qty	Description
45	84253	1	Boot - Carburetor adjustment
46	110402	1	Screw - Oval hd 12-24 x 2-3/8
47	103579	2	Screw - Fl hd 10-24 x 1
48	69686	1	Spacer - Screw
49	69679	1	Cover - Fuel tank
	84252	1	Cover - Fuel tank
50	69345	1	Gasket - Cover
51	64848	1	Hose Assy - Fuel
52	63932	1	Filter - Fuel
53	100440	1	Washer
54	67944	1	Spring - Hose
55	83204	1	Bracket Assy
56	103357	2	Screw - Hex hd 10-24 x 2-1/4
57			Carburetor Assy See "Carburetor Assembly Part 1 & Carburetor Assembly Part 2" illustration and parts list
58	68132	1	Gasket - Carburetor
	83059	1	Gasket - Carburetor
59	66678	1	Spacer - Carburetor
	84078	1	Spacer - Carburetor
60	68131	1	Gasket - Spacer
	84081	1	Gasket - Spacer
61	110553	2	Screw - Hex hd 10-24 x 1-3/8
	110570	2	Screw - Hex hd 12-24 x 1-3/8
62	68582	1	Lockplate
63	102115	2	Washer - #12
64	110516	1	Screw - Hex hd 10-24 x 1-1/8
	110568	1	Screw - Hex hd 12-24 x 1-1/8
65	64856	1	Washer - Special
66	68523	1	Lockplate
	69516	1	Lockplate
67	102660	1	Screw - Skt hd 10-24 x 7/8
68	100003	1	Washer - #10
69	68219	1	Spacer - Fuel tank
	69772	1	Spacer - Fuel tank
70			Fuel Tank Assy See "Fuel Tank Assembly" illustration and parts list
71	68130	1	Gasket - Fuel tank
	68580	1	Gasket - Fuel tank
	84082	1	Gasket - Fuel tank
72	66659	1	Insulator - Fuel tank
	68614	1	Insulator - Fuel tank
	84079	1	Insulator - Fuel tank
73	68130	1	Gasket - Insulator
	68580	1	Gasket - Insulator
	84082	1	Gasket - Insulator
74	110353	1	Screw - Oval hd 10-24 x 3/8
	106078	1	Screw - Pan hd 10-24 x 7/16 (SEMS)
75	102289	1	Screw - Hex hd 10-24 x 3/4
	110566	1	Screw - Hex hd 12-24 x 5/8
76	68508	1	Lockplate
77	69838	1	Brace - Handle
78	110473	2	Screw - Skt hd 10-24 x 1-5/8
	104560	2	Screw - Skt hd 10-24 x 1-1/2
	65532	1	Cover & Valve Assy

Ref #	Part Number	Qty	Description
79	110472	3	Screw - Skt hd 8-32 x 5/16
80	83069	1	Stop - Reed valve
81	64785	1	Valve - Reed
82	65419	1	Cover Assy
83	110529	1	Screw - Hex hd 10-24 x 1/2
84	110529	1	Screw - Hex hd 10-24 x 1/2
	110506	1	Screw - Hex hd 10-24 x 5/8
85	67922	1	Lockplate
86	83106	1	Body & Duct Assy
87	68187	1	Screw - Special
88	68149	1	Gasket - Spark arrester
	84007	1	Gasket - Spark arrester See "Powerhead Assembly" illustration and parts list.
89	68581	2	Insulator - Shroud
90	67377	1	Shroud
91			Powerhead Assy See "Powerhead Assembly" illustration and parts list.



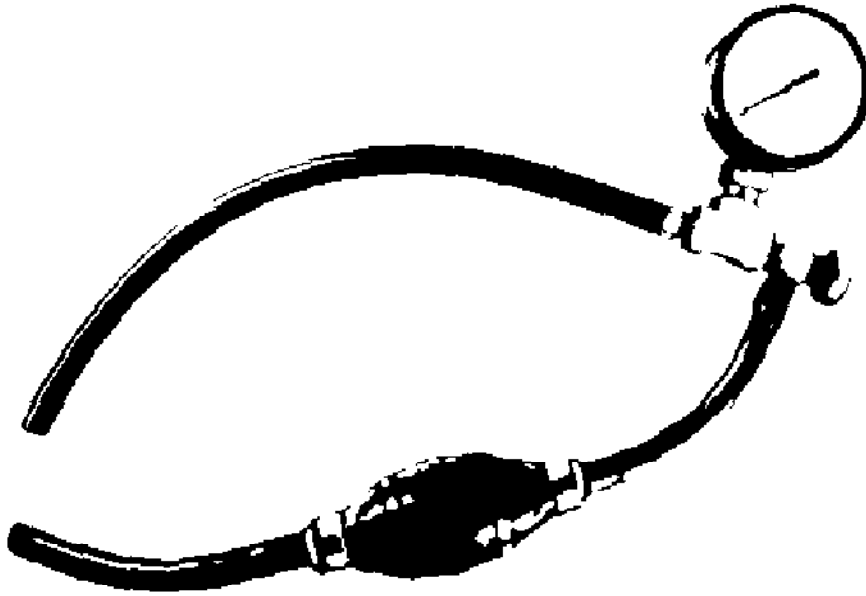
69794
67537

Ref #	Part Number	Qty	Description
67537	67537		Loctite - 10cc plastic bottle
69794	69794		Locquic - 7-1/2 oz. spray can



Ref #	Part Number	Qty	Description
1	110594		Nut - Hex 3/8-24
2	61737A		Flywheel Assy
3	103879		Key - Woodruff
4	67057		Washer - Thrust
5	67056		Seal
6	67054		Washer - Thrust
7	110127		Screw - Hex hd 10-24 x 7/8 (SEMS)
8	100003		Washer - #10
9	51253		Retainer - Coil
10	68164		Lamination Assy
11	62819		Wire Assy - Ground
12	69344		Wire Assy - Primary
13	69798		Coil & Terminal Assy
14	69966		Wire & Sleeve Assy - Spark plug
15	67127		Sleeve
16	62932		Connector
17	62926		Boot
18	63097		Spark Plug - AC CS45T
19	110349		Screw - Rd hd 8-32 x 3/4
20	62362		Cover - Breaker box
21	100298		Nut - Hex 6-32
22	62365		Spacer - Breaker screw
23	105249		Screw - Rd hd 8-32 x 3/8 (SEMS)
	110623		Screw - Fil hd 8-32 x 1/2 (SEMS)
	103672		Screw - Fil hd 8-32 x 1/2
24	100080		Washer - #8
25	61650		Condenser
26	110346		Screw - Hex hd 6-32 x 3/4
27	110489		Screw - Pan hd 6-32 x 7/16 s/t
28	83126		Strap - Conductor
29	100934		Screw - Rd hd 8-32 x 3/8
30	100934		Screw - Rd hd 8-32 x 3/8
	110445		Screw - Truss hd 8-32 x 3/8
31	105976		Washer - #8
32	62363		Breaker Assy
	66231		Breaker Assy
33	54184		Wiper - Cam
34	62361		Box - Breaker
	83125		Box - Breaker
35	67051		Seal - Box
36	110623		Screw - Hex hd 8-32 x 1/2
37	100955		Nut - Hex 8-32
38	62261A		Housing - Pump
39	62262		Cap - Housing
40	62266		Plunger - Pump
41	101056		"O" Ring
42	66687		Spring - Plunger
43	62230		Gasket - Pump
44	62909		Valve - Pump
45	110291		Screw - Pan hd 10-24 x 2-5/8
46	63072		Cover - Oil tank
47	62116		Gasket - Cover
48	57129A		Cap - Oil tank
	68809		Cap - Oil tank
49	101148		"O" Ring

Ref #	Part Number	Qty	Description
50	62123B		Hose Assy - Oil
51	51506	1	Screen - Hose
52	110333	3	Screw - Oval hd 8-32 x 1/2
53	102660	1	Screw - Skt hd 10-24 x 7/8
54	24236	1	Washer - Special
55	62274	1	Gasket - Pulse pump
	83790	1	Gasket - Pulse pump
56	83134	1	Pump Assy - Pulse
	83786	1	Pump Assy - Pulse
57	60260A	1	Piston Assy - Pump
58	104001	1	"O" Ring
59	60263	1	Ring - Pump piston
60	60937	1	Washer - Teflon
61	60259	1	Spring - Piston
62	62227	1	Sleeve - Adjustment
63	110386	1	Screw - Hex hd 8-32 x 1
64	100251	1	Nut - Hex 8-32
65	62407	1	Cover - Outlet valve
66	106104	1	"O" Ring
67	62885A	1	Spring - Outlet valve
68	102809	1	Ball
69	83128	1	Body Assy - Pump
	83787	1	Body Assy - Pump
70	110643	1	Screw - Set 8-32 x 7/16
71	62105	4	Screw Assy - Sealing
72	62842	4	Washer - Sealing
73	110288	1	Screw - Hex hd 8-32 x 3/4
74	69779	1	Crankcase Assy
	84103	1	Crankcase Assy
75	110288	2	Screw - Hex hd 8-32 x 3/4
76	110618	1	Screw - Hex hd 8-32 x 1-3/8
77	62065	2	Bolt - Bar mounting
78	69772	1	Spacer - Fuel tank
79	84007	1	Gasket - Muffler
80	84217	1	Valve - DSP
	83166	1	Valve - DSP
81	61649	1	Pin - Piston
82	69212	1	Piston Assy
83	62814	1	Ring Set - Piston
84	103512	2	Bearing - Needle
	103085	2	Bearing - Needle
85	65401	1	Connecting Rod Assy
86	61627A	2	Screw - Skt hd special
87	63225	1	Roller - Needle (set of 20)
88	65746	1	Seal - Oil
	67906	1	Seal - Oil
89	63464	1	Ring - Snap
90	63429B	1	Bearing - Ball
	67905	1	Bearing - Ball
91	65747	1	Seal - Oil
	110260	1	Seal - Oil
92	104357	1	Bearing - Needle
93	63336	1	Crankshaft



62849

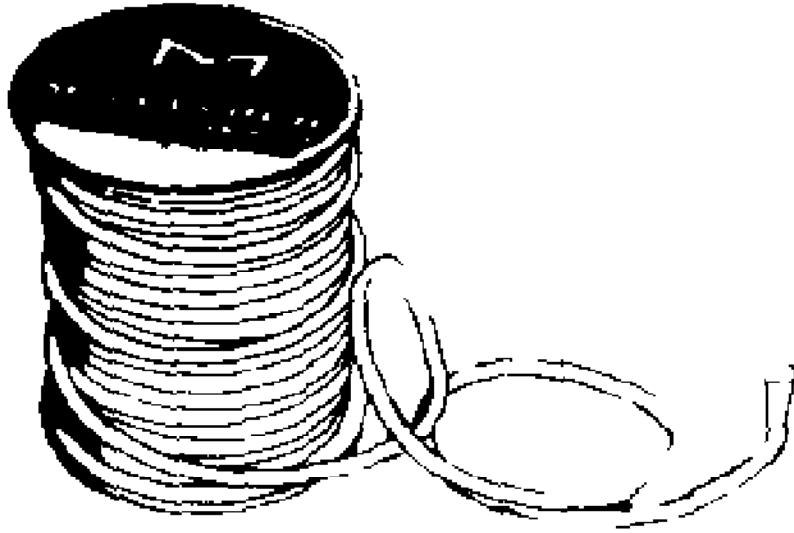
Ref #	Part Number	Qty	Description
62849	62849		Pressure Test Tool, Basic Unit For leakage check of crankcase, fuel system.

103503
103400



102249
102464

Ref #	Part Number	Qty	Description
103503	103503		12 oz. can - Black
103400	103400		Case of 12 (12 oz. cans) - Black
102249	102249		12 oz. can - Yellow
102464	102464		Case of 12 (12 oz. cans) - Yellow



36825

Ref #	Part Number	Qty	Description
36825	36825		Starter Rope, 100' Spool Solid, braided nylon