

**61753**

Ref #	Part Number	Qty	Description
61753	61753		"BREAK ALL" CHAIN BREAKER Required when repairing chain; Instructions included.



78960

78961

78963

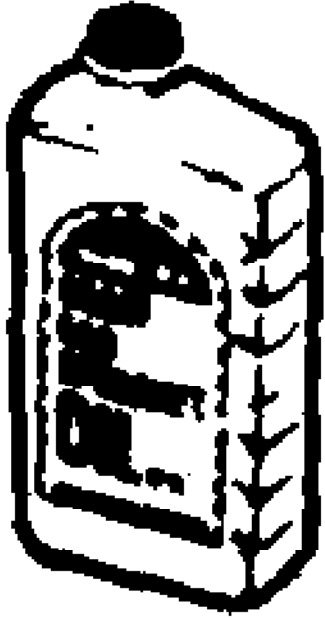
78964

110626

Ref #	Part Number	Qty	Description
78960	78960		40:1 TWO-CYCLE MOTOR OIL 6 oz. can
78961	78961		40:1 TWO-CYCLE MOTOR OIL 6-pack
78963	78963		40:1 TWO-CYCLE MOTOR OIL 16 oz. can
78964	78964		40:1 TWO-CYCLE MOTOR OIL 6-pack
110626	110626		40:1 TWO-CYCLE MOTOR OIL 1 qt. bottle

No  
Diagram  
Available  
  
Parts List  
Only

Ref #	Part Number	Qty	Description
	85726		Manual - Owner's
	62827		Wrench - Screwdriver
	63746		Scrench
	63341A		Kit - Spike
	84922		Baffle - Spark arrester screen
	69058		Kit - Wrap-around frame
	65712		Guide - Timing
	63097		Spark Plug AC CS 45T
	65778		Spark Plug AC CS 41T
	69191		Kit - Pressure adaptor
	62379B		Baffle - Muffler

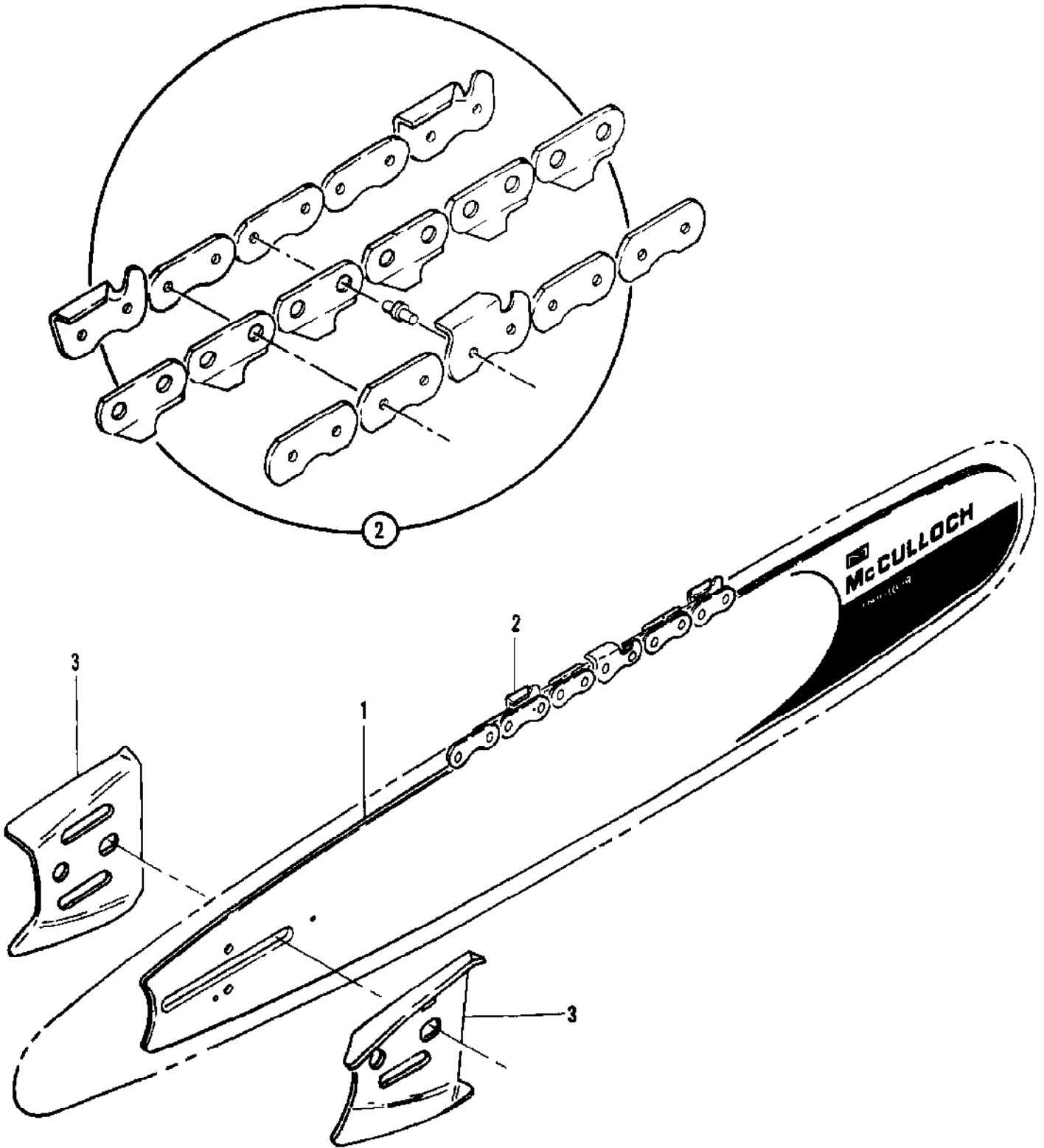


**110631**

**110632**

Ref #	Part Number	Qty	Description
110631	110631		CHAIN, BAR AND SPROCKET OIL, 1 qt. bottle
110632	110632		CHAIN, BAR AND SPROCKET OIL, Case of 24





Ref #	Part Number	Qty	Description
1	63541	1	Bar
2	62556M	1	Chain Assy
	64330	1	Set - Bar Plate
3	64325	2	Plate - Bar



A



B

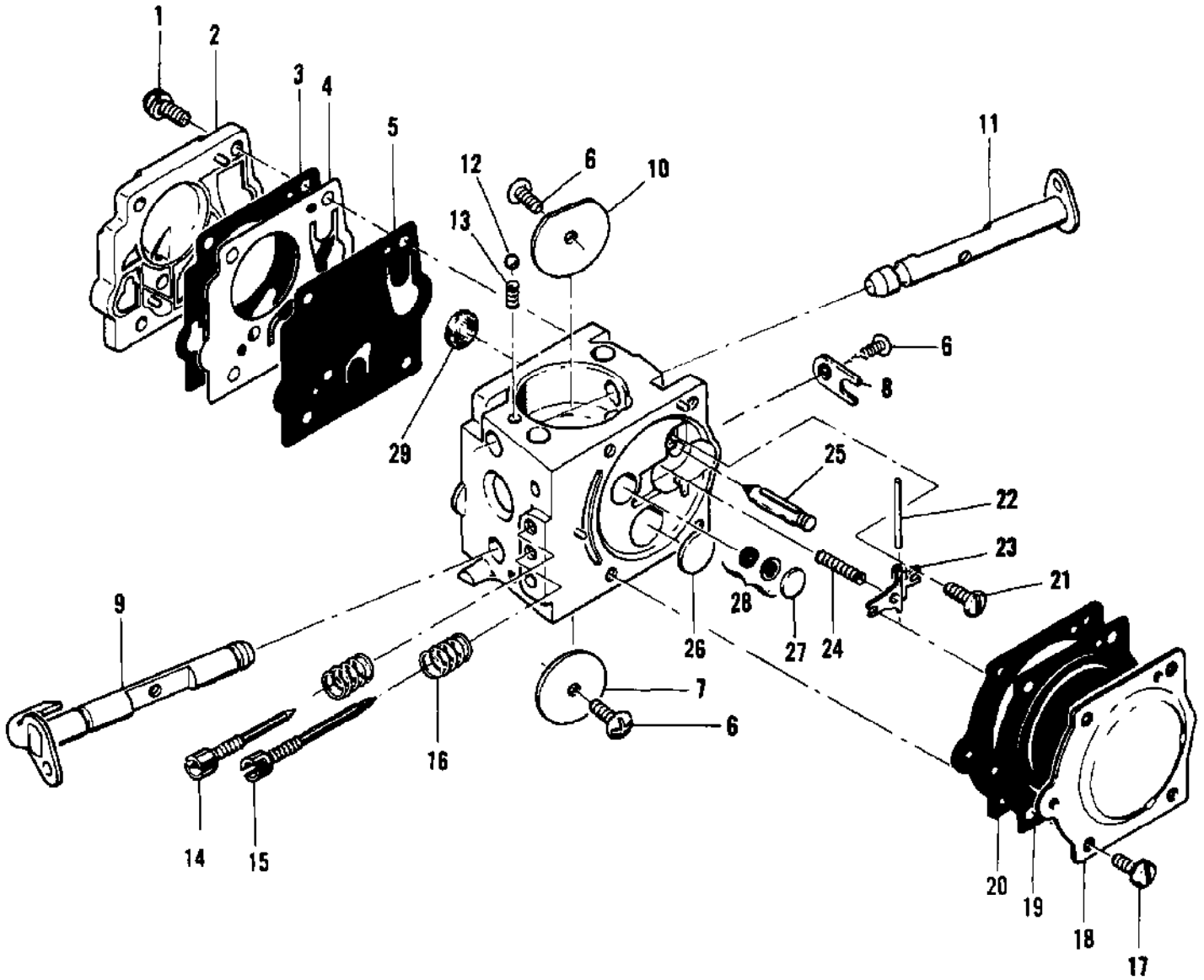


C

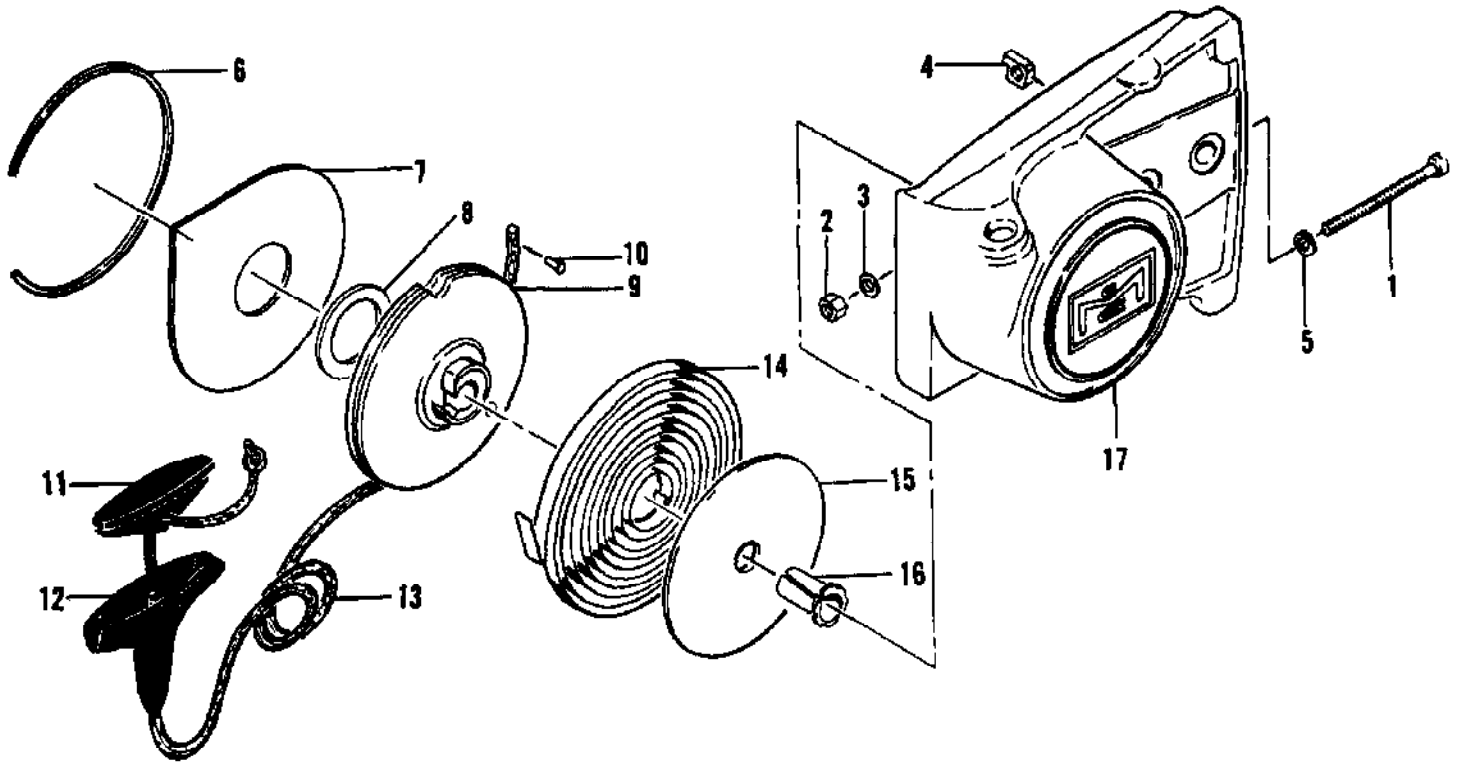


D

Ref #	Part Number	Qty	Description
A	56927		BAR GUARDS, for wide bars Black Polyvinylchloride
B	64930		BAR GUARDS, narrow bars Black Polyvinylchloride
C	66544		BAR GUARDS, MAC 10 - 16, 20 Rigid Yellow Plastic
D	83124		BAR GUARDS, PM 6 - 12, 16" Rigid Yellow Plastic

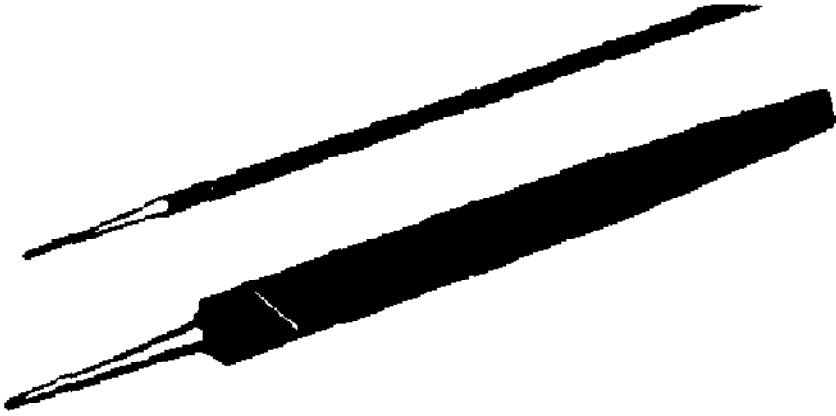


Ref #	Part Number	Qty	Description
	84015	1	Carburetor Assy
1	67501	4	Screw - Pump cover
2	83760	1	Cover - Pump
3	67495	1	Gasket - Cover
4	67498	1	Diaphragm - Check valve
5	83114	1	Diaphragm - Fuel pump
6	47690	3	Screw - Plate
7	83762	1	Plate - Throttle
8	67489	1	Clip - Shaft
9	67486	1	Shaft Assy - Throttle
10	67490	1	Plate - Choke
11	67488	1	Shaft Assy - Choke
12	100302	1	Ball - Choke friction
13	67504	1	Spring - Choke
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 - Metering
24	67503	1	Spring - Lever
25	67491	1	Valve - Needle
26	71690	1	Plug - 3/8
27	69506	1	Plug - 5/16
28	83758	1	Kit - Valve & Seat Assy
29	67507	1	Screen - Fuel
	67482		Gasket Set
	67481		Repair Kit



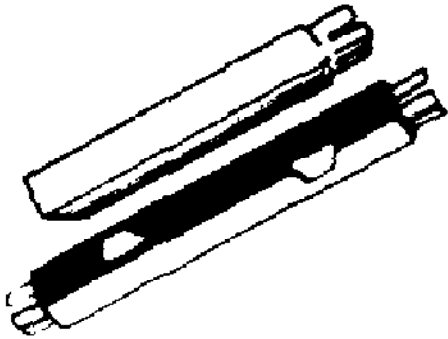
Ref #	Part Number	Qty	Description
	83850	1	Clutch Guard Assy
1	102144	1	Screw - Bar adjusting
2	102067	1	Nut - Hex 10-24
3	110387	1	Washer - Wavey
4	61705	1	Nut - Bar adjusting
5	110264	1	Washer - #10
6	67205	1	Retainer - Shield
7	63985	1	Shield - Dust
8	63986	1	Washer - Thrust
9	85124	1	Drum - Starter
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
15	63987	1	Shield - Spring
16	61635A	1	Bushing - Nyliner
17	83569	1	Guard - Clutch





#67750

#60950



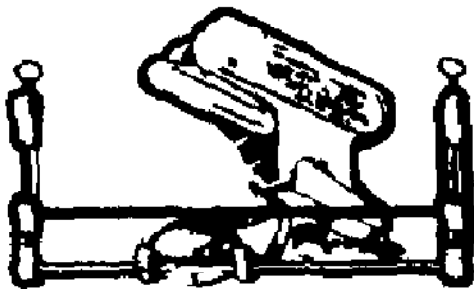
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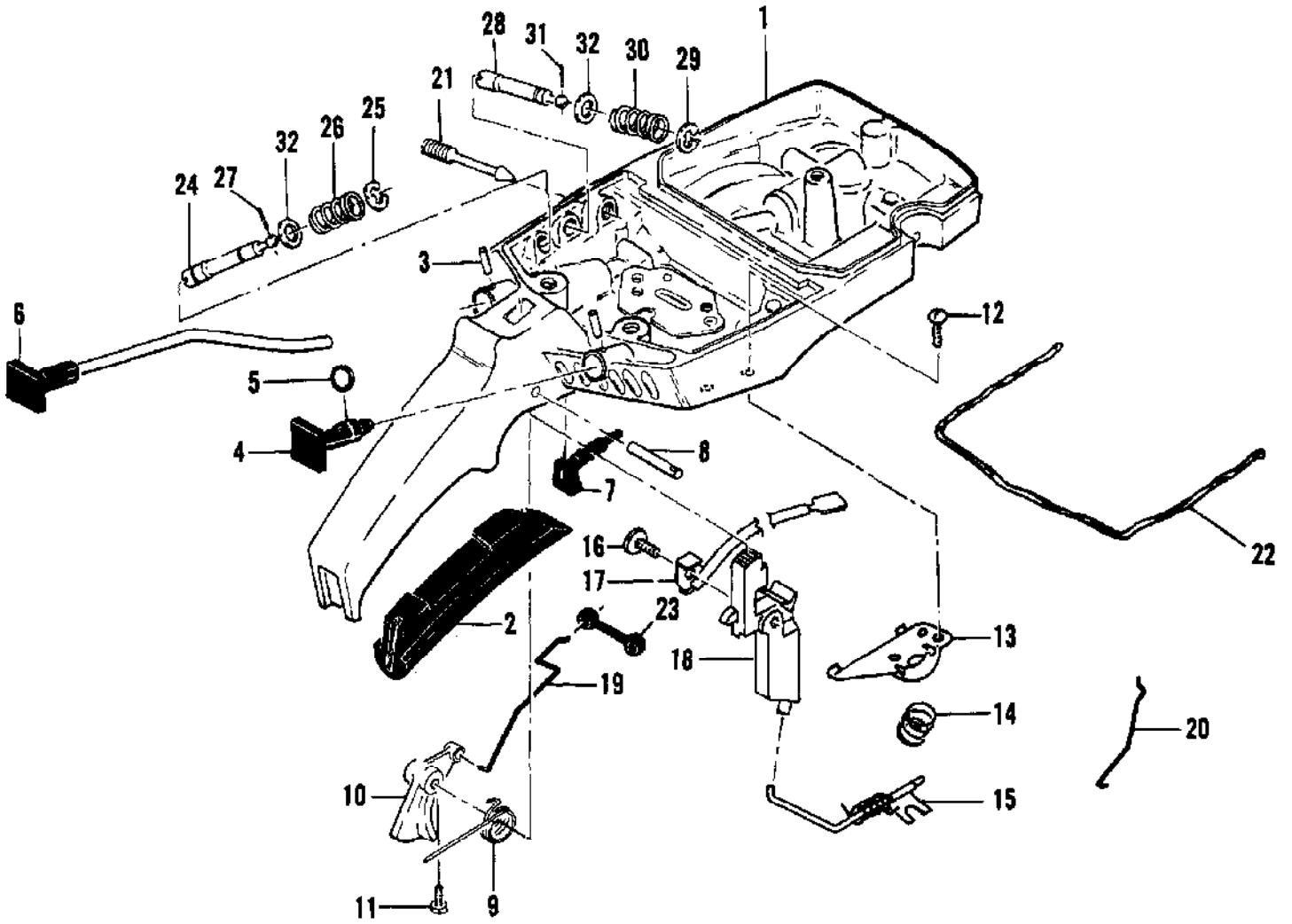
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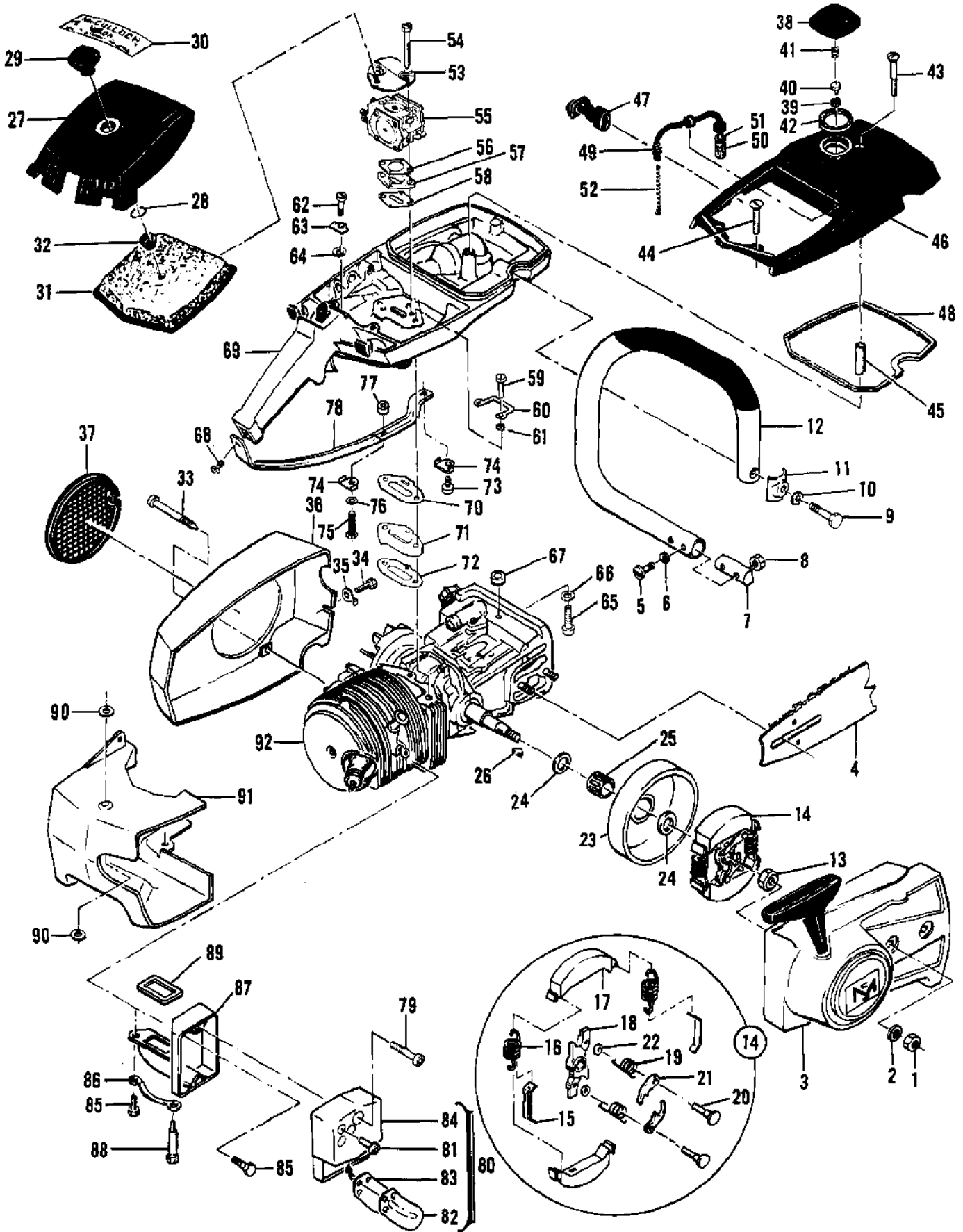


#61034

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



Ref #	Part Number	Qty	Description
1	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	87178	1	Spring - Throttle return
10	85978	1	Trigger
11	110537	1	Screw - Fil hd 8-36 x 1/2
12	105249	2	Screw - Rd hd 8-32 x 3/8 (SEMS)
13	64721	1	Bracket - Lever Assy
14	69687	1	Spring - Valve
15	69811	1	Lever Assy - Compression release
16	110385	1	Screw - Pan hd 8-32 x 3/8
17	65873	1	Wire Assy - Stop switch
18	67209	1	Button - Control
19	85107	1	Rod - Throttle
20	67355	1	Rod - Choke
	69042	1	Rod - Choke
21	67271	1	Screw - Idle adjustment
22	69564	AR	Seal - Airbox
23	69043	1	Snubber - Rod
24	68102	1	Extension Assy - High speed needle
25	110512	1	Ring - Retaining
26	67363	1	Spring
27	110509	1	Pin - Groove
28	68101	1	Extension Assy - Idle needle
29	110512	1	Ring - Retaining
30	67363	1	Spring
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 Starter Assy
4			Bar & Chain See "Bar & Chain Assemblies" Illustration and parts list. Used on All Models and Serial Numbers.
5	102761	2	Screw - Hex hd 10-24 x 7/8
6	100352	2	Washer - #10
7	61678	1	Plug - Nut retainer
8	101326	2	Nut - Hex 10-24
9	102130	1	Screw - Hex 1/4-20 x 1-1/2
10	100153	1	Lockwasher - 1/4
11	63484	1	Clamp - Frame
12	85770	1	Frame & Grip Assy
13	103746	1	Nut - Hex 3/8-24
	110594	1	Nut - Hex 3/8-24
14	67148	1	Clutch Assy
	83656	1	Clutch Assy
15	64583	2	Retainer
16	66384	2	Spring - Clutch
17	67233	2	Shoe - Clutch
18	67149	1	Rotor Assy
	83671	1	Rotor Assy
19	68837	2	Spring
	83654	2	Spring
20	67112	2	Rivet
	83653	2	Rivet
21	64857	2	Pawl
	24093	2	Pawl
22	65473	2	Washer - Special
23	65370	1	Kit - Sprocket & Drum
24	61692	2	Shim
25	110330	1	Bearing
26	103879	1	Key - Woodruff
27	68530	1	Cover Assy - Air cleaner
28	110565	1	Ring - Retainer
29	68529	1	Knob - Cover
30	68708	1	Nameplate
	68699	1	Nameplate
	85525	1	Nameplate
31	69922	1	Filter Assy - Air
	83230	1	Filter Assy - Air
32	68528	1	Grommet
33	62978	3	Screw - Special
34	102762	1	Screw - Hex hd 10-24 x 1/2
35	69890	1	Lockplate
36	83521	1	Kit - Fan Housing
37	55615	1	Guard - Flywheel
38	86401	1	Cap Assy - Fuel
39	68533	1	Plug
40	86402	1	Valve
41	63040	1	Spring
42	69767	1	Gasket
43	110402	1	Screw - Oval hd 12-24 x 2-3/8
44	103579	2	Screw - Fil hd 10-24 x 1

Ref #	Part Number	Qty	Description
45	69686	1	Spacer
46	69679	1	Cover - Fuel tank
	84252	1	Cover - Fuel tank
47	84253	1	Boot - Carburetor adj.
48	69345	1	Gasket - Cover
49	64848	1	Hose Assy - Fuel
50	63932	1	Filter - Fuel
51	100440	1	Washer
52	67944	1	Spring - Hose
53	83204	1	Bracket Assy
54	103357	2	Screw - Hex hd 10-24 x 2-1/4
55			Carburetor Assy See "Carburetor Assembly" Illustration and parts list.
56	68132	1	Gasket - Carburetor
	83059	1	Gasket - Carburetor
57	84078	1	Spacer - Carburetor
58	84081	1	Gasket - Spacer
59	110567	2	Screw - Hex hd 12-24 x 1-1/4
60	68582	1	Lockplate
61	102115	2	Washer
62	110568	1	Screw - Hex hd 12-24 x 1-1/8
63	69516	1	Lockplate
64	64856	1	Washer - Special
65	102660	1	Screw - Skt hd 10-24 x 7/8
66	100003	1	Washer - #10
67	68219	1	Spacer
	69772	1	Spacer
68	106078	1	Screw - Oval hd 10-24 x 7/16
69			Fuel Tank Assy See "Fuel Tank Assembly" Illustration and parts list.
70	84082	1	Gasket - Fuel tank
71	68579	1	Insulator - Fuel tank
	84080	1	Insulator - Fuel tank
72	68594	1	Gasket - Insulator
73	110566	1	Screw - Hex hd 12-24 x 5/8
74	68508	2	Lockplate
75	102761	1	Screw - Hex hd 10-24 x 7/8
76	110264	1	Washer - #10
77	69830	1	Spacer - Handle brace
78	85007	1	Brace - Handle
79	110473	2	Screw - Skt hd 10-24 x 1-5/8
	104560	2	Screw - Skt hd 10-24 x 1-1/2
80	65532	1	Cover and Valve Assy
81	110472	3	Screw - Skt hd 8-32 x 5/16
82	84780	1	Stop - Reed valve
83	84779	1	Valve - Reed
84	65419	1	Cover Assy - Spark arrester
85	110529	2	Screw - Hex hd 10-24 x 1/2
86	67922	1	Lockplate
87	83106	1	Body and Duct Assy
88	68187	1	Screw - Special
89	68149	1	Gasket - Muffler
	84007	1	Gasket - Muffler
90	68581	2	Insulator - Shroud

Ref #	Part Number	Qty	Description
91	67910	1	Shroud
92			Powerhead Assy See "Powerhead Assembly" Illustration and parts list.

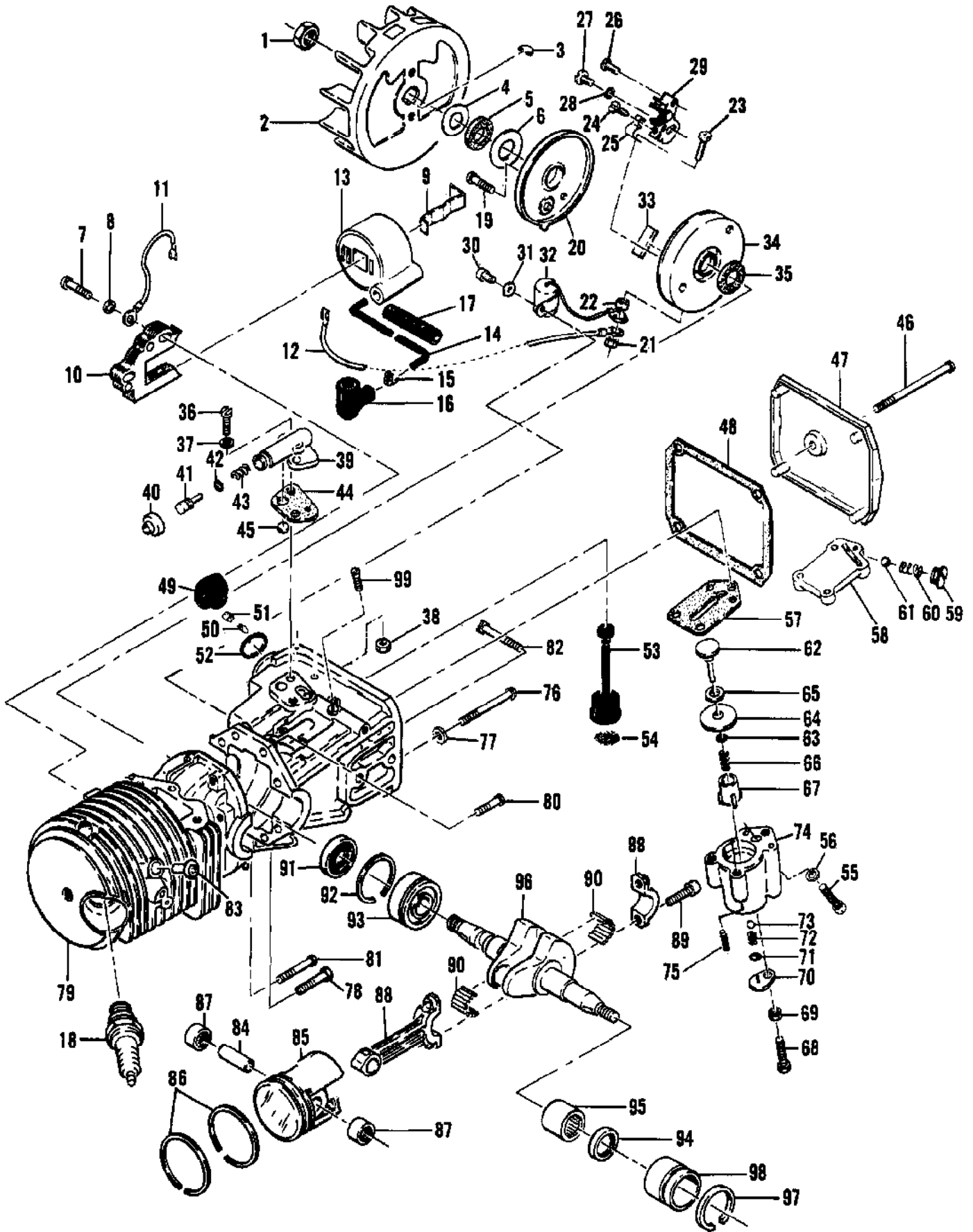


**69794**



**67537**

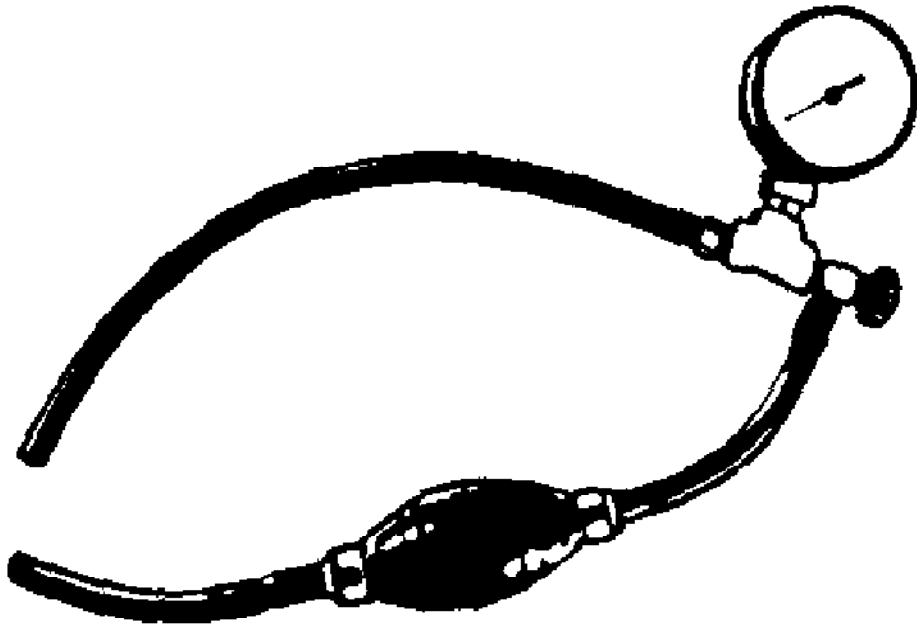
Ref #	Part Number	Qty	Description
69794	69794		7-1/2 oz. spray can.
67537	67537		10cc plastic bottle



Ref #	Part Number	Qty	Description
1	101391	1	Nut - Hex 3/8-24
	110594	1	Nut - Hex 3/8-24
2	84681	1	Flywheel Assy
3	103879	1	Key - Woodruff
4	67057	1	Washer - Thrust
5	67056	1	Seal
6	67054	1	Washer - Thrust
7	110127	2	Screw - Hex hd 10-24 x 7/8 (SEMS)
8	100003	2	Washer - #10
9	51253	1	Retainer - Coil
10	85138	1	Lamination Assy
11	62819	1	Wire Assy - Ground
12	69344	1	Wire Assy - Primary
13	84972	1	Kit - Coil
14	69966	1	Wire Assy - Spark plug
15	62932	1	Connector
16	62926	1	Boot
17	67127	1	Sleeve
18	63432	1	Spark Plug
19	110349	1	Screw - Rd hd 8-32 x 3/4
20	62362	1	Cover - Breaker box
21	100298	1	Nut - Hex 6-32
22	62365	1	Spacer - Breaker screw
23	110346	1	Screw - Hex hd 6-32 x 3/4
24	110489	1	Screw - Pan hd 6-32 x 7/16 s/t
25	83126	1	Strap - Conduction
26	100934	1	Screw - Rd hd 8-32 x 3/8
27	110445	1	Screw - Truss 8-32 x 3/8
28	105976	1	Washer - #8
29	62363	1	Breaker Assy
	66231	1	Breaker Assy
30	103672	1	Screw - Fil hd 8-32 x 1/2 (SEMS)
31	100080	1	Washer - #8
32	85358	1	Condenser
	67960	1	Condenser
33	54184	1	Wiper
34	62361	1	Box - Breaker
	84329	1	Box - Breaker
35	67051	1	Seal
36	110623	2	Screw - Fil hd 8-32 x 1/2
37	105976	2	Washer - #8
38	100955	1	Nut - Hex 8-32
39	84156	1	Housing - Pump
40	62262	1	Cap - Housing
41	62266	1	Plunger - Pump
42	101056	1	"O" Ring
43	66687	1	Spring
44	62230	1	Gasket
45	62909	1	Valve
46	110291	1	Screw - Pan hd 10-24 x 2-5/8
47	86304	1	Cover - Oil tank
48	86306	1	Gasket - Cover
49	57129A	1	Cap - Oil tank
	68809	1	Cap - Oil tank
50	110737	1	Clip - Plug

Ref #	Part Number	Qty	Description
51	84953	1	Plug - Cap
52	101148	1	"O" Ring
53	62123B	1	Hose Assy - Oil
54	51506	1	Screen - Hose
55	110713	1	Screw - Skt hd 10-24 x 7/8
56	24236	1	Washer - Special
57	62274	1	Gasket - Pulse pump
	86188	1	Gasket - Pulse pump
58	68711	1	Body Assy - Check valve
59	68714	1	Screw - Special
60	63034	1	Spring - Valve
61	100071	1	Ball - Check valve
	83786	1	Pump Assy - Pulse
62	60260A	1	Piston Assy - Pump
63	104001	1	"O" Ring
64	60263	1	Ring - Piston
65	60937	1	Washer - Teflon
66	60259	1	Spring - Piston
67	62227	1	Sleeve - Adjustment
68	110386	1	Screw - Hex hd 8-32 x 1
69	100251	1	Nut - Hex 8-32
70	62407	1	Cover - Outlet valve
71	106104	1	"O" Ring
72	62885A	1	Spring - Outlet valve
73	102809	1	Ball
74	83787	1	Body Assy - Pump
75	110643	1	Screw - Set
76	62105	4	Screw Assy - Sealing
77	62842	4	Washer - Sealing
78	110288	1	Screw Assy - Hex hd 8-32 x 3/4
79	85771	1	Crankcase Assy
80	110288	2	Screw Assy - Hex hd 8-32 x 3/4
81	110618	1	Screw Assy - Hex hd 8-32 x 1-3/8
82	62065	2	Bolt - Bar mounting
83	83137	1	Valve - D.S.P
	84221	1	Valve - D.S.P
84	65389	1	Pin - Piston
	69020	1	Pin - Piston
85	85240	1	Piston Assy
	85239	1	Piston Assy
86	85241	1	Ring Set - Piston
87	103085	2	Bearing - Needle
	110590	2	Bearing - Needle
88	65401	1	Connecting Rod Assy
	85352	1	Connecting Rod Assy
89	61627A	2	Screw - Skt hd special
90	63225	1	Roller - Needle (set of 20)
91	61618	1	Seal - Oil
92	63464	1	Ring - Snap
93	63429B	1	Bearing - Ball
94	110260	1	Seal - Oil
95	104357	1	Bearing - Needle
96	85125	1	Crankshaft
97	63699	1	Ring - Bearing insert
98	63701	1	Insert - Bearing

Ref #	Part Number	Qty	Description
99	110333	3	Screw - Oval hd 8-32 x 1/2



62849

Ref #	Part Number	Qty	Description
62849	62849		PRESSURE TEST TOOLS, Basic unit For leakage check of crankcase, fuel system.

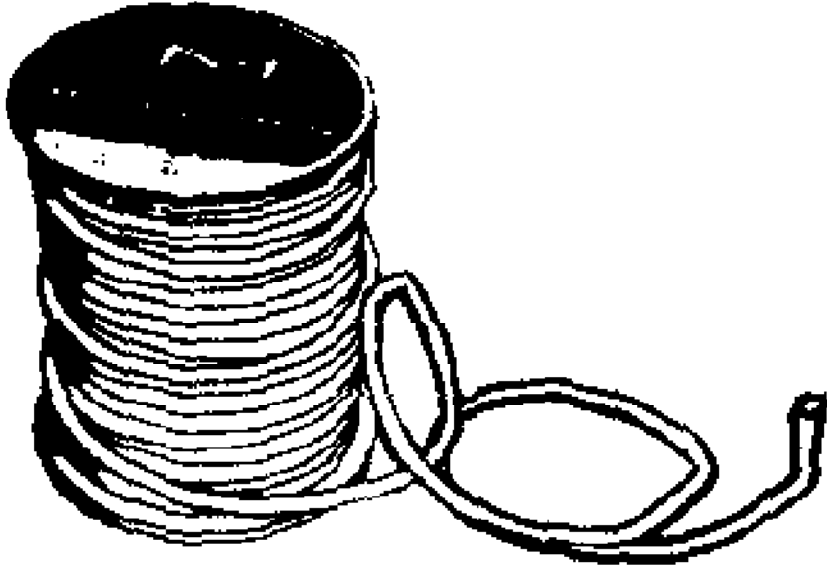


**103503**  
**103400**



**102449**  
**102464**

Ref #	Part Number	Qty	Description
103503	103503		Black 12 oz. can
103400	103400		Case of 12
102449	102449		Yellow 12 oz. can
102464	102464		Yellow Case of 12



**36825**

Ref #	Part Number	Qty	Description
36825	36825		100' spool