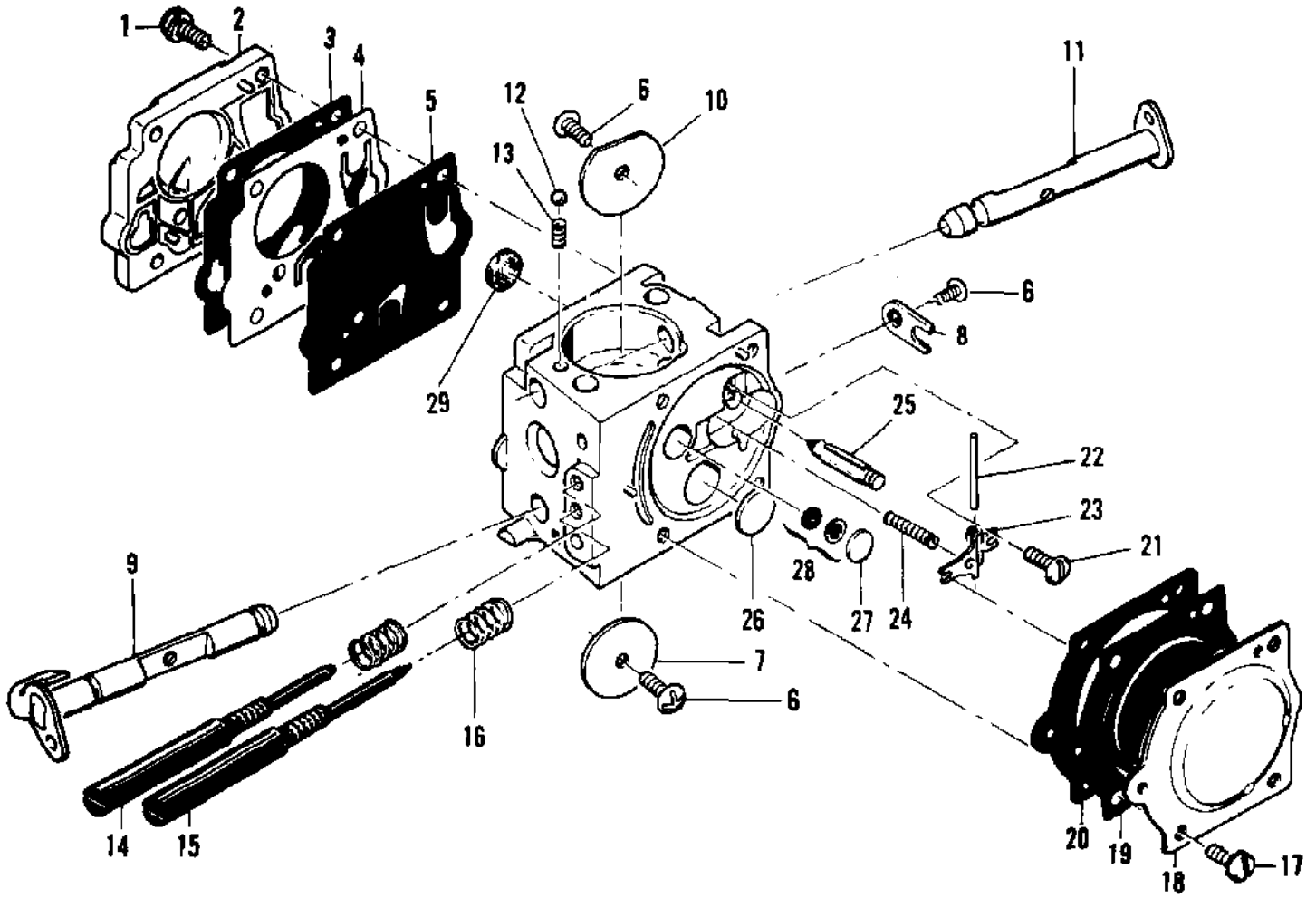


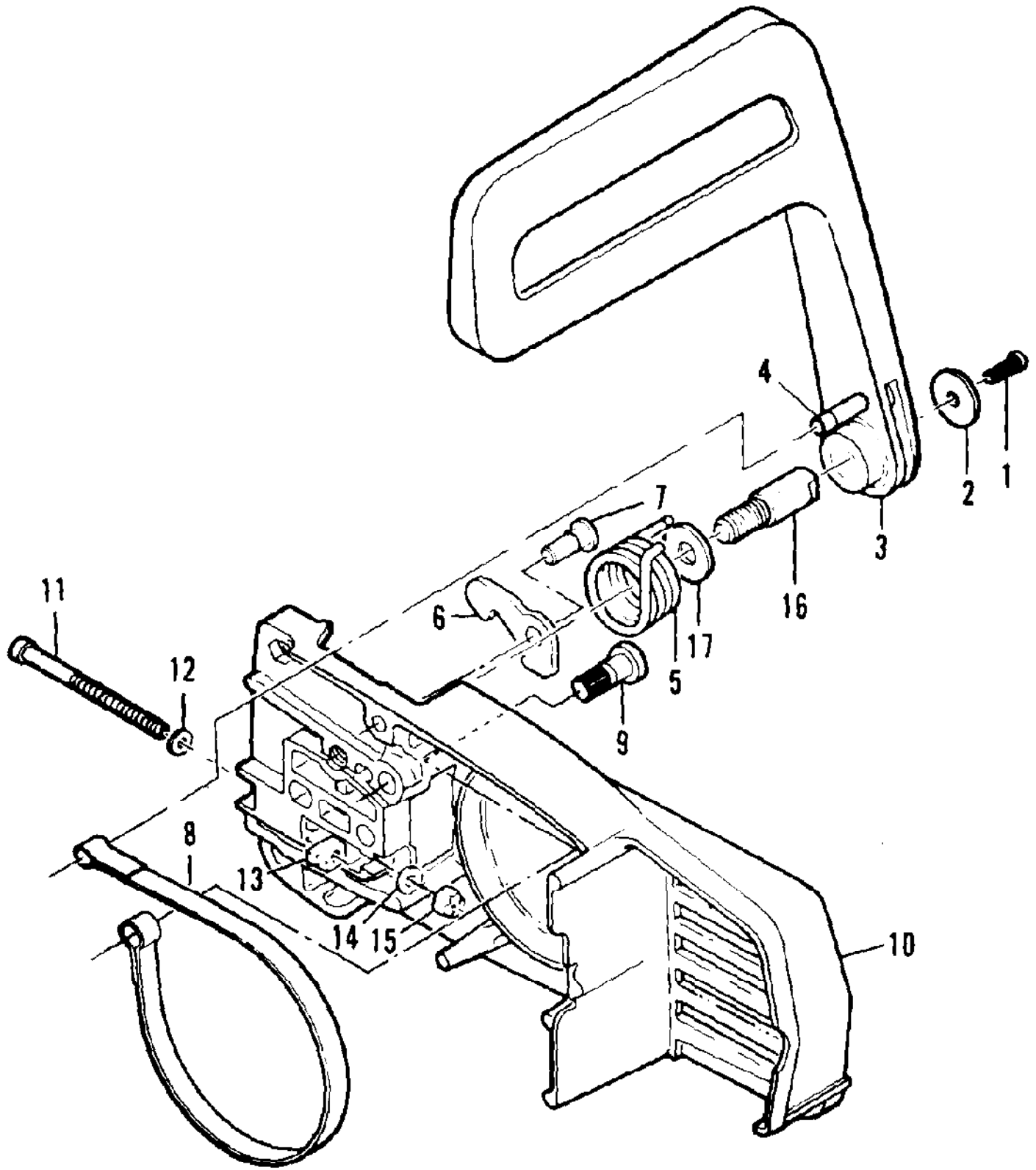
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Diagram
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Parts List
Only

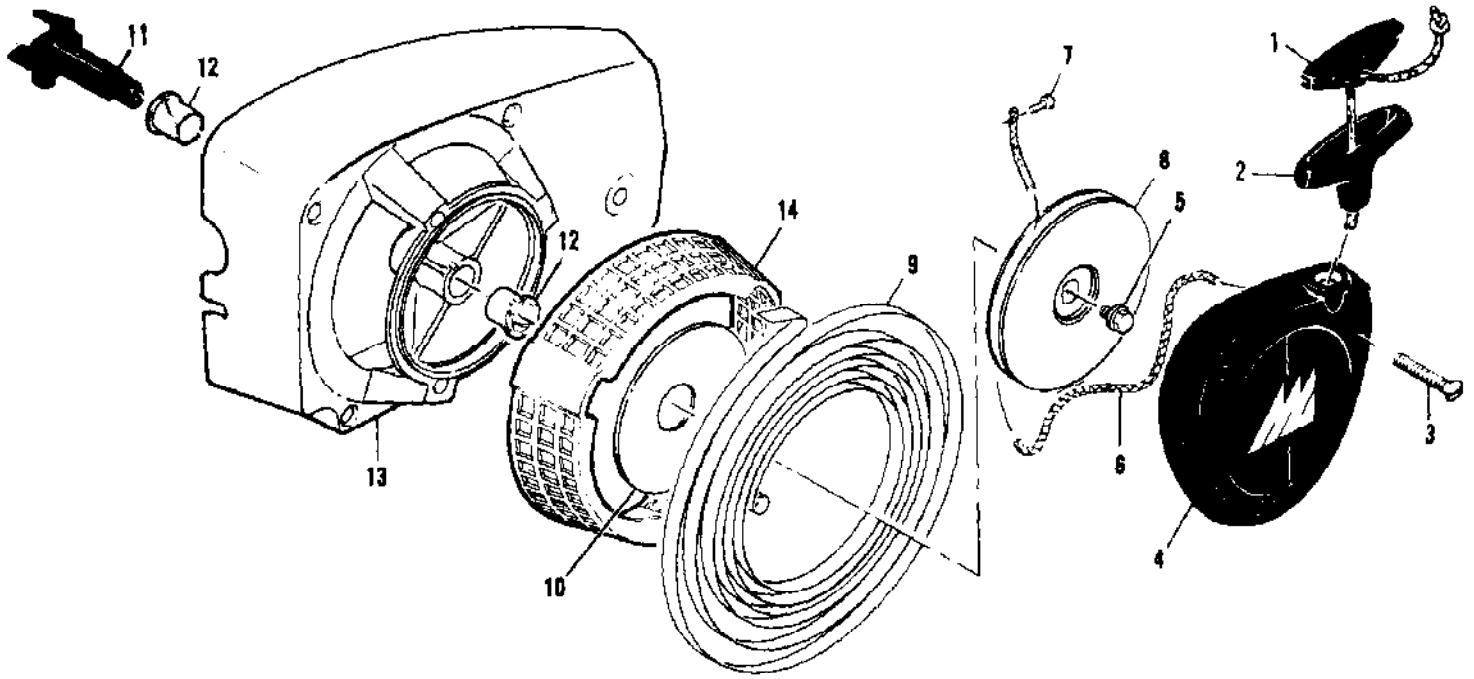
Ref #	Part Number	Qty	Description
	84453		Kit - Piston tool
	69191		Kit - Pressure test adaptor
	63097		Spark Plug (standard)
	63432		Spark Plug (cooler)
	62827		Wrench/Screwdriver
	83235		Scrench
	91226		Wrench - Clutch retaining
	86419		Guide - Timing
	91967		Kit - Spike
	102388		Screw - Hx hd 10-24 x 5/8
	24236		Washer - Special
	101191		Nut - Hx 10-24
	92993		Baffle - Spark arrester



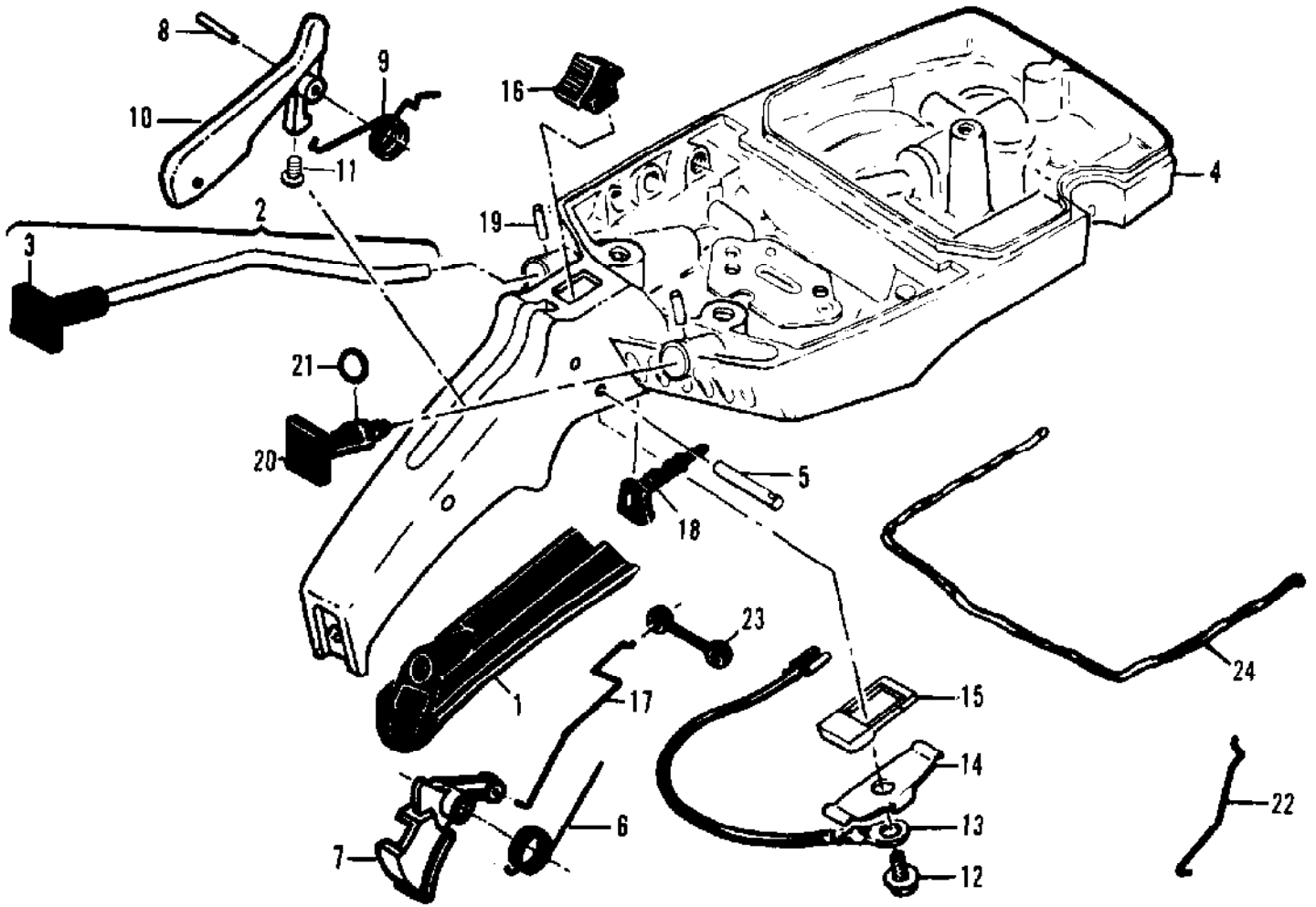
Ref #	Part Number	Qty	Description
	87666	1	Carburetor Asy (Walbro)
1	67501	4	Screw - Pump cover
2	83760	1	Cover - Pump
3	67495	1	Gasket - Cover
4	67498	1	Diaphragm - Check valve
5	83114	1	Diaphragm - Fuel pump
6	47690	3	Screw - Plate
7	83762	1	Plate - Throttle
8	67489	1	Clip - Shaft
9	67486	1	Shaft Asy - Throttle
10	67490	1	Plate - Choke
11	67488	1	Shaft Asy - Choke
12	100302	1	Ball - Choke friction
13	67504	1	Spring - Choke
14	87915	1	Needle - High speed
15	87916	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 Asy
29	67507	1	Screen - Fuel



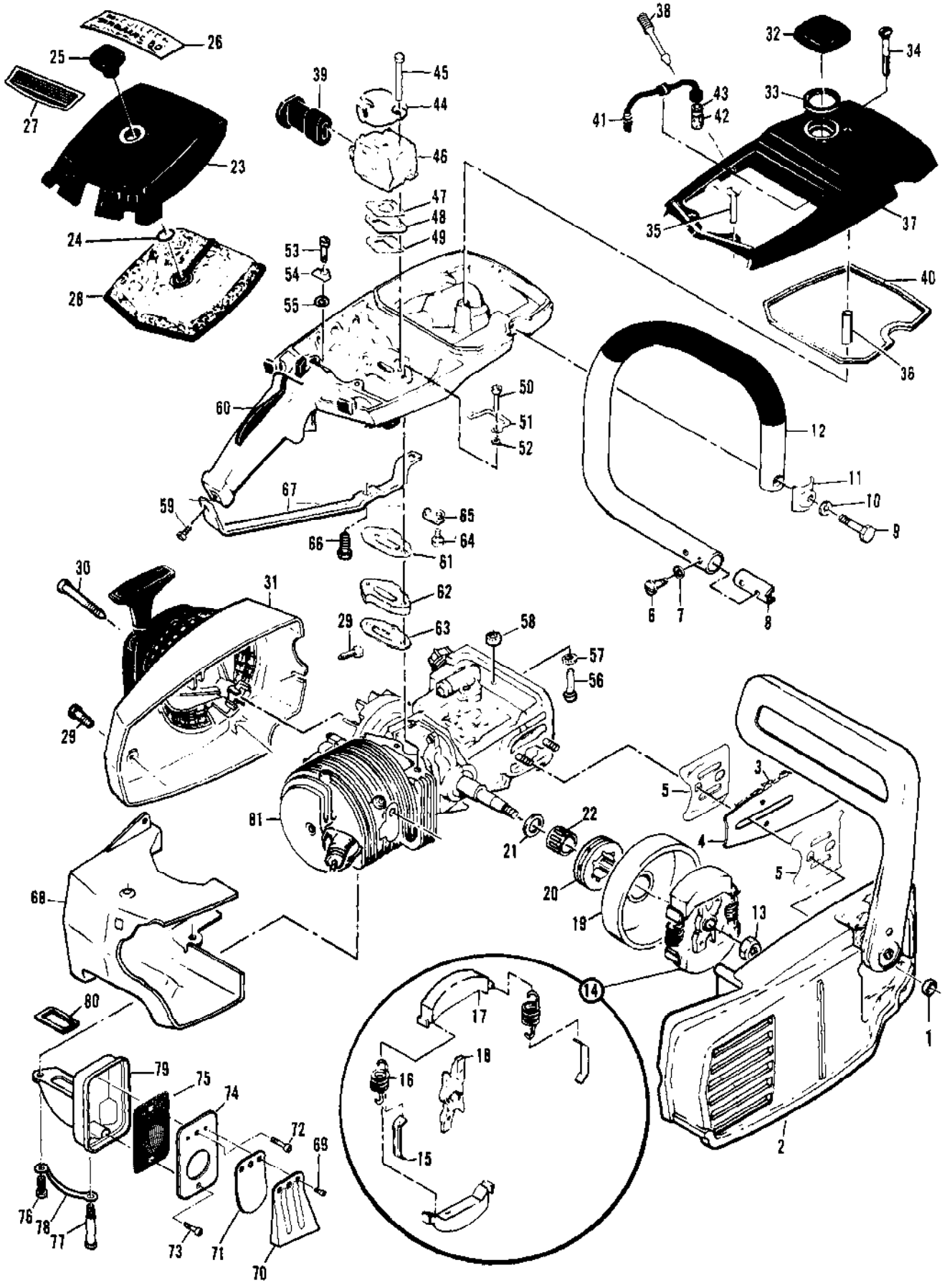
Ref #	Part Number	Qty	Description
	214676		CHAIN BRAKE Asy
1	102500	1	Screw - Pan hd 10-24 x 1/2
2	91273	1	Washer - Special
3	214365	1	Lever Asy
4	214366	1	Pin Asy - Roller
5	93085	1	Spring - Brake
6	93083	1	Latch
7	93669	1	Pivot - Latch
8	93081	1	Band - Brake
9	93082	1	Pin - Band Anchor
10	214669	1	Housing Asy - Brake
11	110527	1	Screw - Fil hd 10-24 x 2-3/4
12	110264	1	Washer - #10
13	61705	1	Nut - Bar adjusting
14	100002	1	Washer - #10
15	102067	1	Nut - Hx 10-24
16	91246	1	Pin - Lever pivot
17	91245	1	Washer - Thrust



Ref #	Part Number	Qty	Description
	87667	1	Fan Housing & Starter Asy
1	214699	1	Insert - Handle
2	93137	1	Handle - Starter
3	110646	3	Screw - Oval hd 8-32 x 1-1/8
4	87672	1	Cover - Starter
5	110341	1	Screw - Hx hd 10-24 x 1/2
6	68162	1	Rope - Starter
7	110470	1	Rivet - Rope
8	85122	1	Drum - Starter
9	87680	1	Spring - Rewind
10	86053	1	Shield - Spring
11	83748	1	Shaft - Starter
12	57535	2	Bushing - Starter
13	87693	1	Kit - Fan Housing
14	87674	1	Guard - Sawdust



Ref #	Part Number	Qty	Description
1	89320	1	Insert - Handle grip
2	64871	1	Button & Rod Assembly
3	63044	1	Button - Oiler
4	214705	1	Kit - Fuel tank/control
5	110378	1	Pin - Roll 3/16 x 15/16
6	92152	1	Spring - Trigger
7	214679	1	Trigger - Throttle
8	105654	1	Pin - Roll 1/8 x 7/8
9	92154	1	Spring - Trigger release
10	94275	1	Release Asy - Trigger
11	111012	1	Screw - Pan hd 4-40 x 5/16
12	110706	1	Screw - Fil hd 8-18 x 1/2
13	214692	1	Wire Asy - Stop switch
14	62451	1	Control - Switch
15	214691	1	Base - Switch
16	68846	1	Button - Switch
17	85107	1	Rod - Throttle
18	214701	1	Seal - Throttle rod
19	105673	2	Pin - Roll 3/32 x 9/16
20	69041	1	Button - Choke
21	105614	1	"O" Ring
22	69042	1	Rod - Choke
23	69043	1	Snubber - Rod
24	69564	1	Seal - Air box



Ref #	Part Number	Qty	Description
1	110961	2	Nut - Hx 5/16-24
2			CHAIN BRAKE See "Chain Brake Assembly" illustration and parts list.
3		1	Chain Asy
4		1	Bar Asy
5	64330	1	Set - Bar plates
6	110865	2	Screw - Hx hd 10-24 x 7/8
7	100352	2	Washer #10
8	89727	1	Retainer - Frame
9	102130	1	Screw - Hx hd 1/4-20 x 1-1/2
10	100153	1	Washer - Lock 1/4
11	63484	1	Clamp - Frame
12	214549	1	Frame & Grip Asy
13	86113	1	Nut - Hx 3/8-24 (L.H.)
14	214301	1	Clutch Asy
15	64583	2	Retainer - Spring
16	83223	2	Spring - Clutch
17	67233	1	Kit - Clutch shoe
18	89438	1	Rotor - Clutch
19	95165	1	Drum & Sprocket Asy 7T .375P
20	86961	1	Sprocket - 7T.375P
21	86958	1	Washer - Sprocket
19	95166	1	Drum & Sprocket Asy 7T .375P
20	86145	1	Sprocket - 7T .375P
21	86958	1	Washer - Sprocket
22	110971	1	Bearing - Sprocket
23	68530A	1	Cover Asy - Air cleaner
24	110565	1	Ring - Retainer
25	68529	1	Knob - Cover
26	93629	1	Plate - Name
27	91548	1	Plate - Instruction
27	91881	1	Plate - Instruction
28	92420	1	Filter - Air
29	110741	2	Screw - Pan hd 10-24 x 1/2
30	87871	3	Screw - Special
31			Fan Housing & Starter Asy See "Fan Housing & Starter Assembly" illustration and parts list.
32	95299	1	Cap Asy - Fuel
33	69767	1	Gasket
34	110402	1	Screw - Oval hd 12-24 x 2-3/8
35	101986	2	Screw - Oval hd 10-24 x 1
36	87840	1	Spacer
37	88650	1	Cover - Fuel tank
38	87932	1	Screw - Idle adjust
39	87665	1	Boot - Carburetor adjust
40	69345	1	Gasket - Cover
41	64848	1	Hose Asy - Fuel
42	63932	1	Filter - Fuel
43	100440	1	Washer
44	69952	1	Bracket - Air cleaner
45	103357	2	Bolt - Hx hd 10-24 x 2-1/4
46			Carburetor Asy See "Carburetor" illustration and parts list.
47	86189	1	Gasket - Carburetor

Ref #	Part Number	Qty	Description
48	84078	1	Spacer - Carburetor
49	84081	1	Gasket - Spacer
50	110567	2	Screw - Hx hd 12-24 x 1-1/4
51	68582	1	Plate - Lock
52	102115	2	Washer - #12
53	110568	1	Screw - Hx hd 12-24 x 1-1/8
54	69516	1	Plate - Lock
55	64856	1	Washer - Special
56	110713	1	Screw - Skt hd 10-24 x 1/8
57	100003	1	Washer - #10
58	69772	1	Spacer - Fuel tank
59	110910	1	Screw - Hx hd 10-24 x 1-3/8
60			Fuel Tank Asy See "Fuel Tank" illustration and parts list.
61	84082	1	Gasket - Fuel tank
62	84080	1	Insulator - Fuel tank
63	68594	1	Gasket - Insulator
64	110566	1	Screw - Hx hd 10-24 x 5/8
65	68508	1	Plate - Lock
66	110682	1	Screw - Hx hd 10-24 x 5/8
67	85007	1	Brace - Handle
68	214702	1	Shroud
69	110563	2	Screw - Skt hd 8-32 x 1/4
70	92996A	1	Stop - Reed
71	85585A	1	Valve - Reed
72	101563	1	Screw - Skt hd 10-24 x 1-1/4
73	110439	1	Screw - Skt hd 10-24 x 1
74	92995	1	Cover - Spark Arrester
75	92993	1	Baffle - Spark Arrester
76	110529	1	Screw - Hx hd 10-24 x 1/2
77	68187	1	Screw - Special
78	67922	1	Plate - Lock
79	92989	1	Body & Duct Asy
80	84007	1	Gasket - Spark Arrester
81			Powerhead Asy See "Powerhead Assembly" illustration and parts list.

Ref #	Part Number	Qty	Description
1	110703	1	Nut - Hx 3/8-24
2	86068	1	Flywheel
3	88804	2	Screw - Pawl pivot
4	83241	2	Washer - Special
5	67546	2	Pawl - Starter
6	67545	2	Spring - Pawl
7	86068A	1	Flywheel Assembly
8	93464	2	Screw - Pawl
9	93198	2	Pawl - Starter
10	93469	2	Washer - Pawl
11	93197	2	Spring - Pawl
12	100106	1	Key - Woodruff
13	110127	1	Screw - Hx hd 10-24 x 7/8 (SEMS)
14	100002	2	Washer - #10
15	83512	1	Stud - Special
16	84686	1	Wire Assembly - Ground
17	69344	1	Wire Assembly - Primary
18	214535	1	Coil & Lamination
19	50120	1	Wire Assembly - Spark plug
20	55061	1	Connector
21	95266	1	Boot
22	100268	1	Grommet
23	92785	1	Electronic Ignition
24	95269	1	Wire Assembly - Spark plug
25	102556	1	Connector
26	95266	1	Boot
27	110995	1	Grommet
28	67057	1	Washer - Thrust
29	67056	1	Seal - Breaker box cover
30	67054	1	Washer - Thrust
31	110584	1	Screw - Pan hd 8-32 x 3/4
32	91852	1	Kit - Breaker box cover
33	91838	1	Washer
34	110489	1	Screw - Pan hd 6-32 x 7/16
35	54184	1	Wiper - Cam
36	100298	1	Nut - Hx 6-32
37	62365	1	Spacer - Breaker
38	110346	1	Screw - Hx hd 6-32 x 3/4
39	110706	1	Screw - Pan hd 8-18 x 1/2
40	83126	1	Strap - Conduction
41	110811	1	Screw - Pan hd 8-32 x 3/8
42	110969	1	Screw - Hx hd 8-32 x -/2
43	105976	1	Washer - #8
44	88808	1	Breaker Assembly
45	110338	1	Screw - Pan hd 8-32 x -/2
46	100080	1	Washer - #8
47	85358	1	Condenser
48	67051	1	Seal - Breaker box
49	110338	2	Screw - Pan hd 8-32 x 1/2
50	110613	2	Washer - #8
51	100955	1	Nut - Hx 8-32
52	84156	1	Housing - Pump
53	62262	1	Cap - Housing
54	62266	1	Plunger - Pump
55	105614	1	"O" Ring

Ref #	Part Number	Qty	Description
56	66687	1	Spring - Pump
57	91669	1	Gasket - Pump
58	91668	1	Valve - Pump
59	110291	1	Screw - Pan hd 10-24 x 2-5/8
60	110921	1	Washer - Sealing
61	86304	1	Cover - Oil tank
62	86306	1	Gasket - Cover
63	87270	1	Cap - Oil tank
64	87269	1	Retainer - Valve
65	86402	1	Valve - Check
66	101148	1	"O" Ring
67	91672	1	Hose Assembly - Oil
68	51506	1	Screen - Hose
69	110865	1	Screw - Hx hd 10-24 x 7/8
70	100003	1	Washer - #10
71	215339	1	Kit - Pulse pump
72	91774	1	Sleeve
73	92818	1	Seal - Pulse pump
74	214278	1	Piston Assembly - Pump
75	105603	1	"O" Ring
76	86182	1	Ring - Piston
77	60259	1	Spring - Piston
78	62227	1	Sleeve - Adjustment
79	110386	1	Screw - Hx hd 8-32 x 1
80	100251	1	Nut - Hex 8-32
81	92844	1	Spring - Outlet valve
82	102809	1	Ball
83	91259	1	Pad - Pump
84	215246	1	Kit - Oil pump clip
85	62106	4	Screw - Sealing
86	111025	4	Washer - Sealing
87	110288	1	Screw - Hx hd 8-32 x 3/4
88	214671	1	Crankcase Assembly
89	110288	2	Screw Asy - Hx hd 8-32 x 3/4
90	110618	1	Screw Asy - Hx hd 8-32 x 1-3/8
91	62065	2	Bolt - Bar mounting
92	110851	1	Pin - Dowel
93	94273	1	Valve - DSP
94	214765	1	Washer - Valve
95	110681	1	Screw - Skt hd 10-24 x 1/4
96	87152	1	Insert - Bearing
97	69020	1	Pin - Piston
98	85239	1	Piston Assembly
99	89732	1	Ring Set - Piston (thin)
100	110590	2	Bearing - Needle
101	85352	1	Connecting Rod Assembly
102	61627A	2	Screw - Skt hd special
103	63225	1	Roller - Needle (set of 20)
104	61618	1	Seal - Oil
105	63464	1	Ring - Snap
106	63429B	1	Bearing - Ball
107	110260	1	Seal - Oil
108	104357	1	Bearing - Needle
109	87699	1	Crankshaft
110	214223	1	Spark Plug

Ref #	Part Number	Qty	Description
110	93017	1	Spark Plug