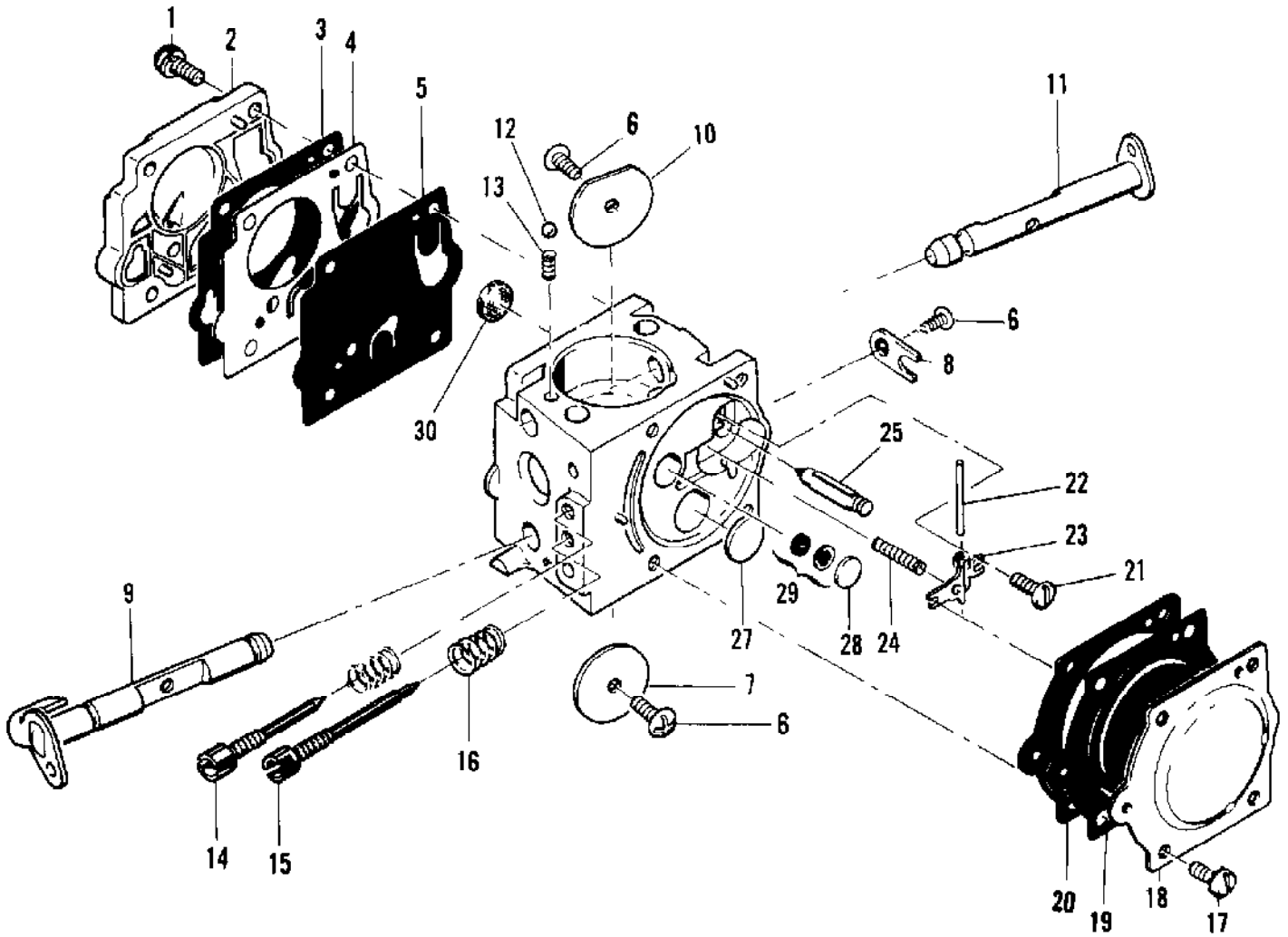


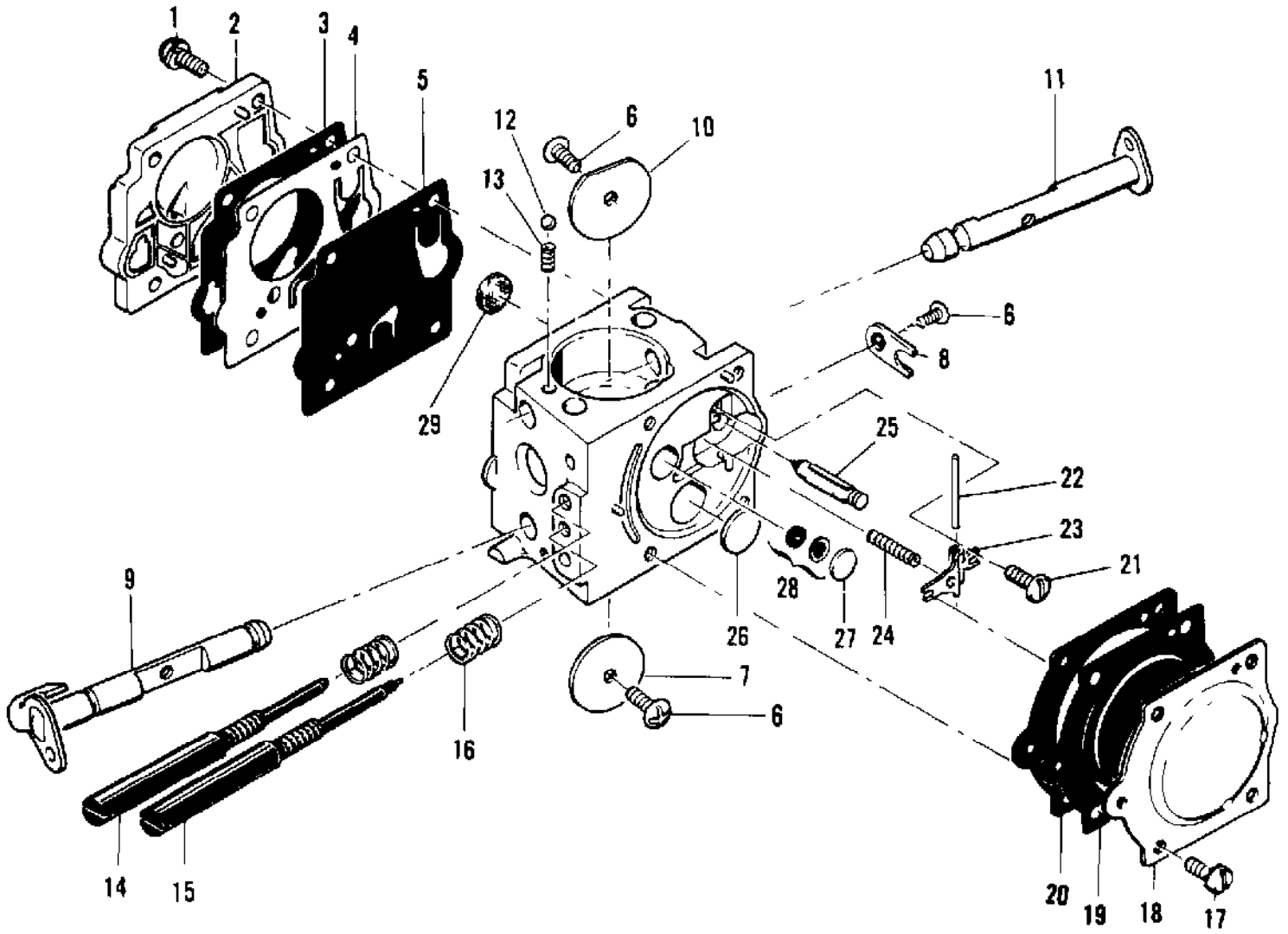
No
Diagram
Available

Parts List
Only

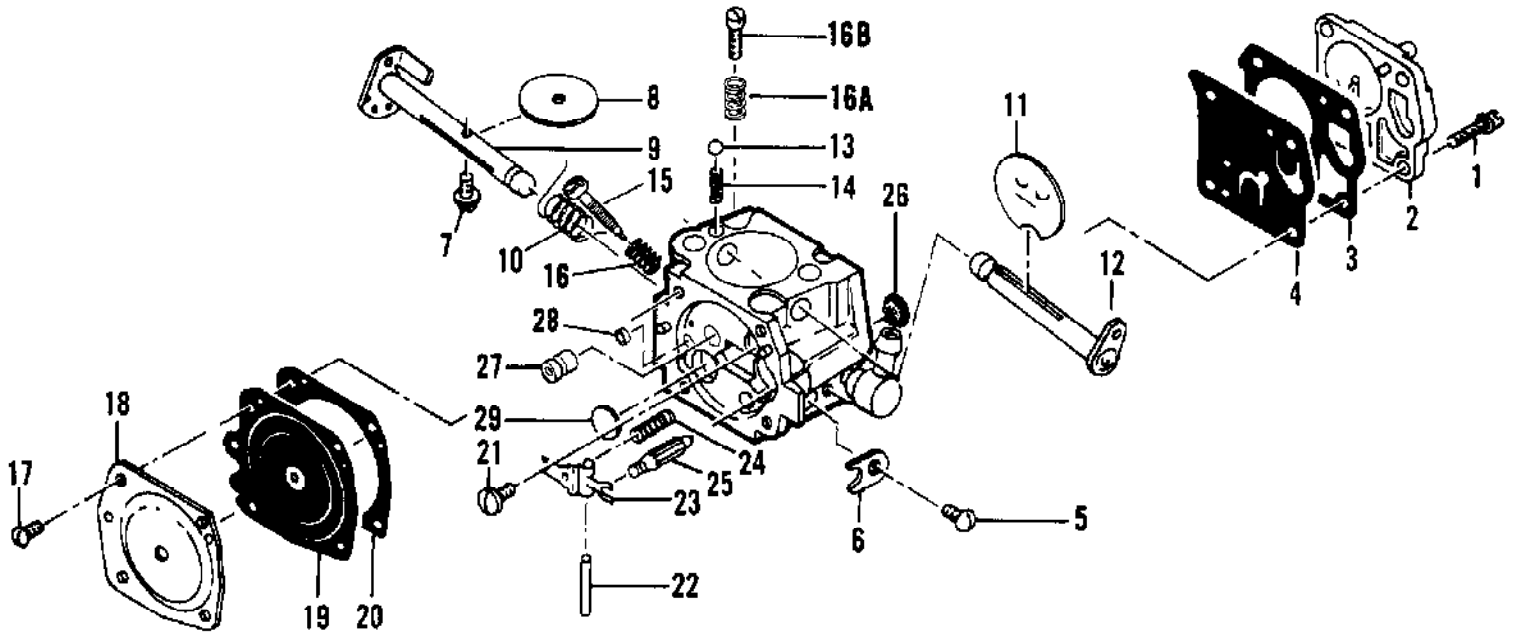
Ref #	Part Number	Qty	Description
	85726		Manual - Owner's
	62827		Wrench - Screwdriver
	63746		Scrench
	86330		Kit - Spike
	86334		Kit - Frame & Grip
	84922		Kit - Baffle
	83970		Kit - Preheater
	86419		Guide - Timing
	63097		Spark Plug - AC CS 45 T
	65778		Spark Plug - AC CS 41 T
	65370		Kit - Sprocket 7T .354
	65408		Spark Plug - CJ8
	83235		Wrench
	64935		Bar Plate
	64330		Set - Bar plate
	69191		Kit - Pressure adaptor
	84453		Kit - Piston tool
	69031		Piston Assy (0.020 in. oversize)
	63291		Ring Set (0.020 in. oversize)
	103085		Bearing - Needle (2)
	69032		Piston Assy (0.030 in. oversize)
	63292		Ring Set (0.030 in. oversize)
	103085		Bearing - Needle (2)



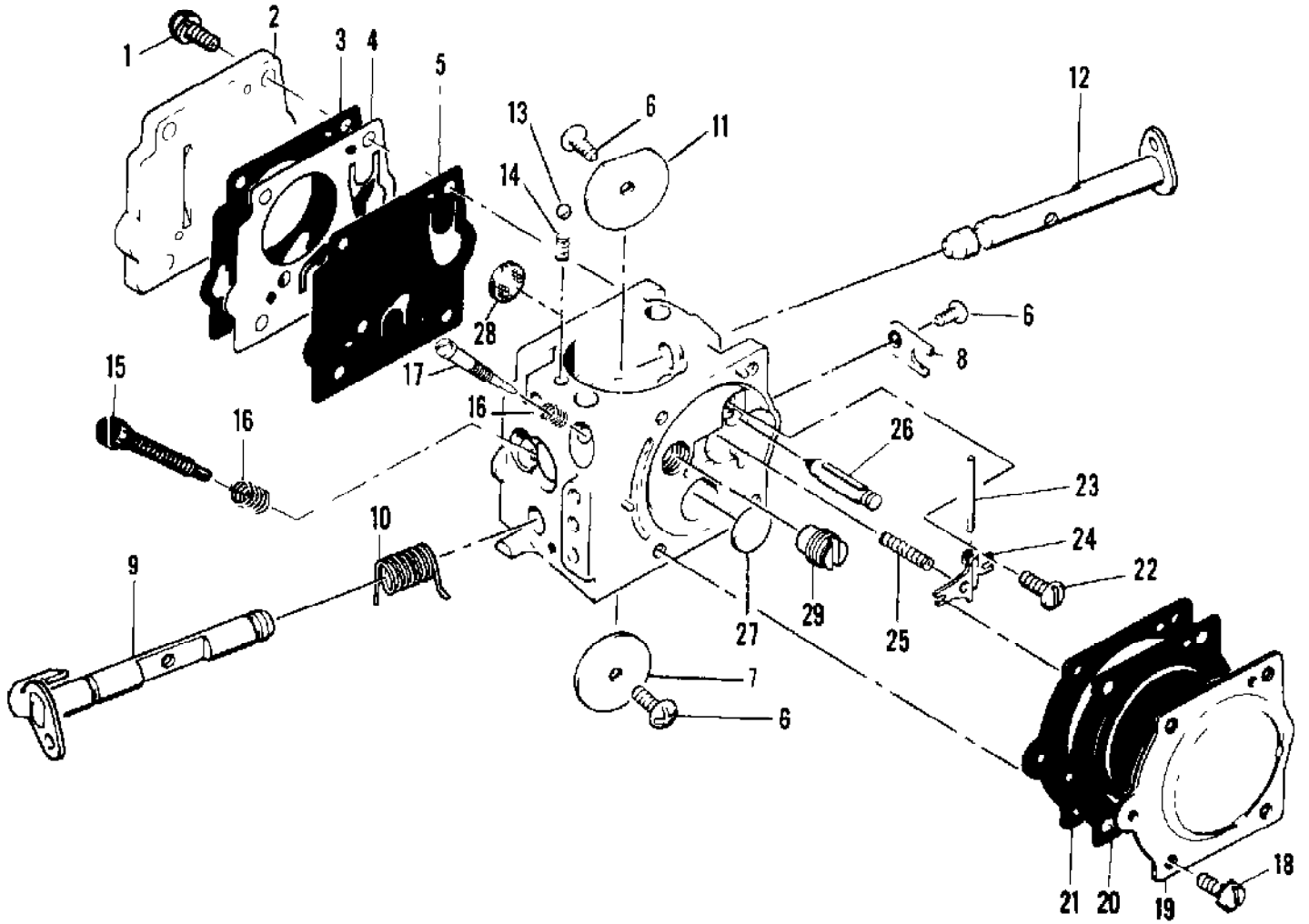
Ref #	Part Number	Qty	Description
	84015	1	Carburetor Assy
1	67501	4	Screw - Pump cover
2	83760	1	Cover - Pump
3	67495	1	Gasket - Cover
4	67498	1	Diaphragm - Check valve
5	83114	1	Diaphragm - Fuel pump
6	47690	3	Screw - Plate
7	83762	1	Plate - Throttle
8	67489	1	Clip - Shaft
9	67486	1	Shaft Assy - Throttle
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
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



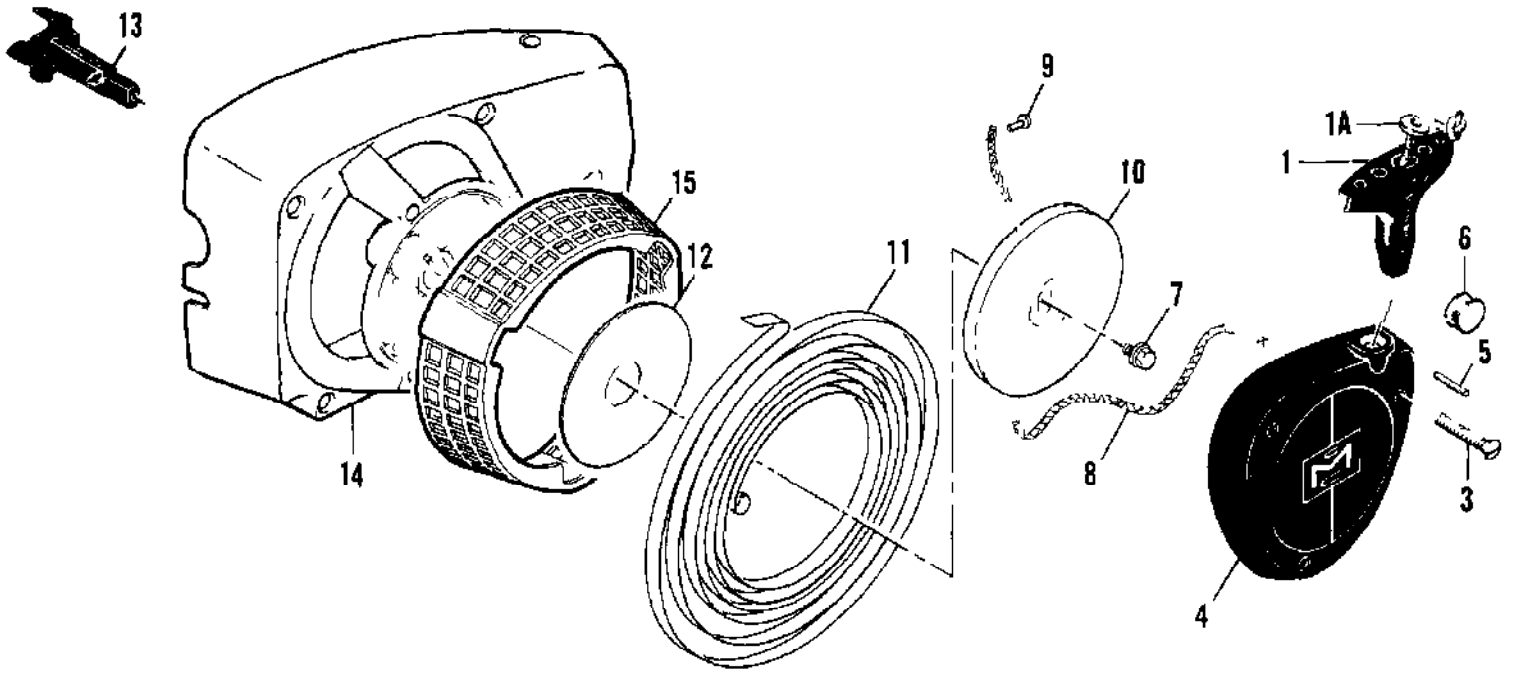
Ref #	Part Number	Qty	Description
	87666	1	Carburetor Assy
1	67501	4	Screw - Pump cover
2	83760	1	Cover - Pump
3	67495	1	Gasket - Cover
4	67498	1	Diaphragm - Check valve
5	83114	1	Diaphragm - Fuel pump
6	47690	3	Screw - Plate
7	83762	1	Plate - Throttle
8	67489	1	Clip - Shaft
9	67486	1	Shaft Assy - Throttle
10	67490	1	Plate - Choke
11	67488	1	Shaft Assy - Choke
12	100302	1	Ball - Choke friction
13	67504	1	Spring - Choke
14	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 Assy
29	67507	1	Screen - Fuel
	89216		Repair Kit



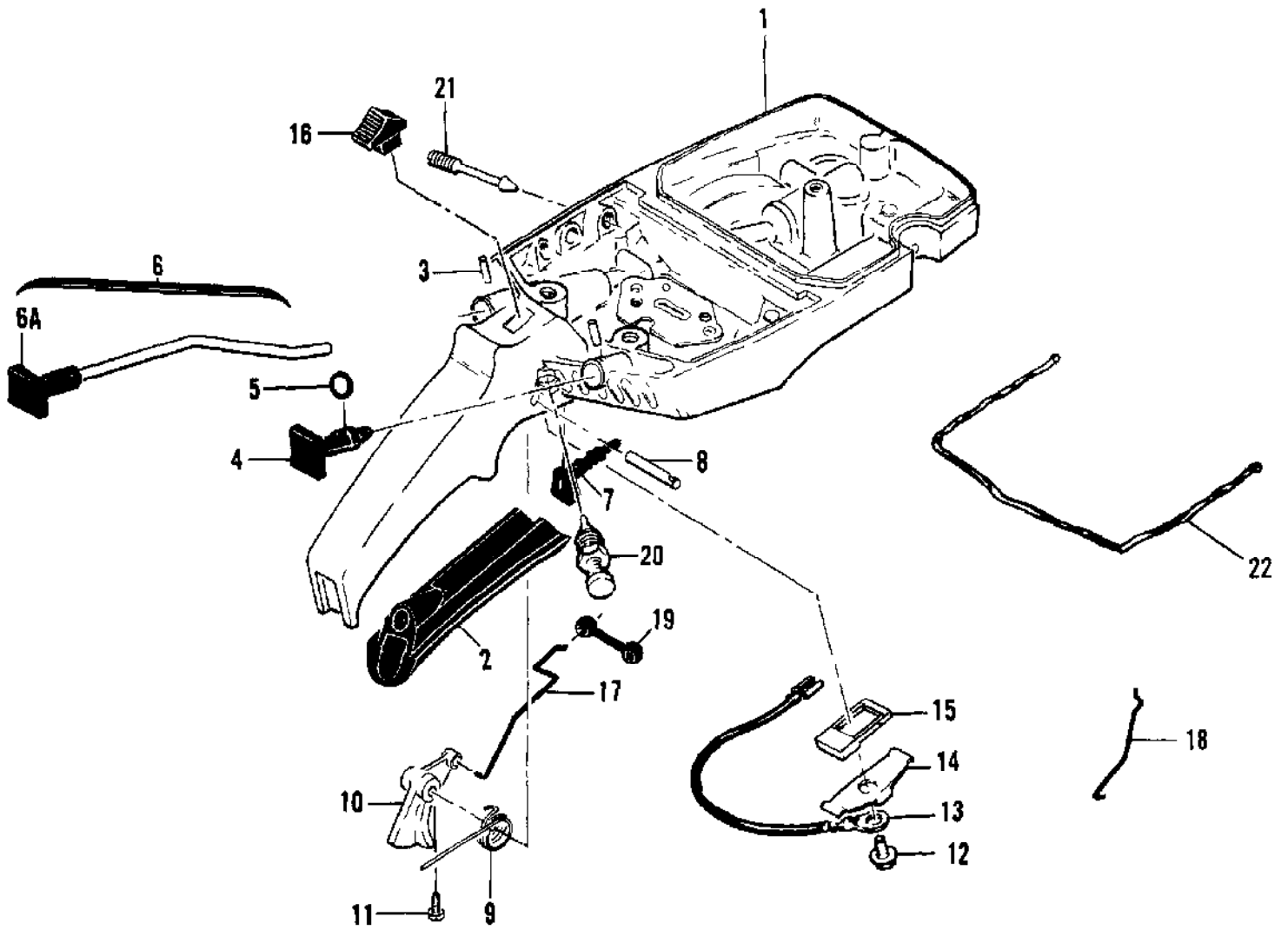
Ref #	Part Number	Qty	Description
	91121	1	Carburetor Assy
	87809	1	Carburetor Assy
1	52933	4	Screw - Pump cover
2	66628	1	Cover - Pump
3	66629	1	Gasket - Pump cover
4	66630	1	Diaphragm - Fuel pump
5	48780	1	Screw - Throttle shaft clip
6	66646	1	Clip - Throttle shaft
7	48780	1	Screw - Throttle plate
8	51720	1	Plate - Throttle
9	87922	1	Shaft Assy - Throttle
10	67136	1	Spring - Throttle shaft
11	65856	1	Plate - Choke
12	83725	1	Shaft Assy - Choke
13	100071	1	Ball- Choke friction
14	48759	1	Spring - Choke friction
15	88768	1	Needle - Idle mixture
16	66626	1	Spring - Idle
16A	66626	1	Spring - Idle
16B	66625	1	Screw - Idle speed adjustment
17	51721	4	Screw - Diaphragm cover
18	83724	1	Cover - Diaphragm
19	66632	1	Diaphragm - Metering
20	66633	1	Gasket - Diaphragm
21	66644	1	Screw - Inlet lever pin
22	66636	1	Pin - Inlet lever
23	66638	1	Lever - Inlet
24	66404	1	Spring - Inlet lever
25	66637	1	Needle - Inlet
26	66623	1	Screen - Fuel inlet
27	88771	1	Jet - H/S fuel (029)
	88772	Alt.	Jet - H/S fuel (028)
	88781	Alt.	Jet - H/S fuel (027)
28	52928	1	Plug - Cup
29	66622	1	Plug - Welch
	88774		Gasket Set
	88775		Repair Kit
	88776		Gasket & Diaphragm Set



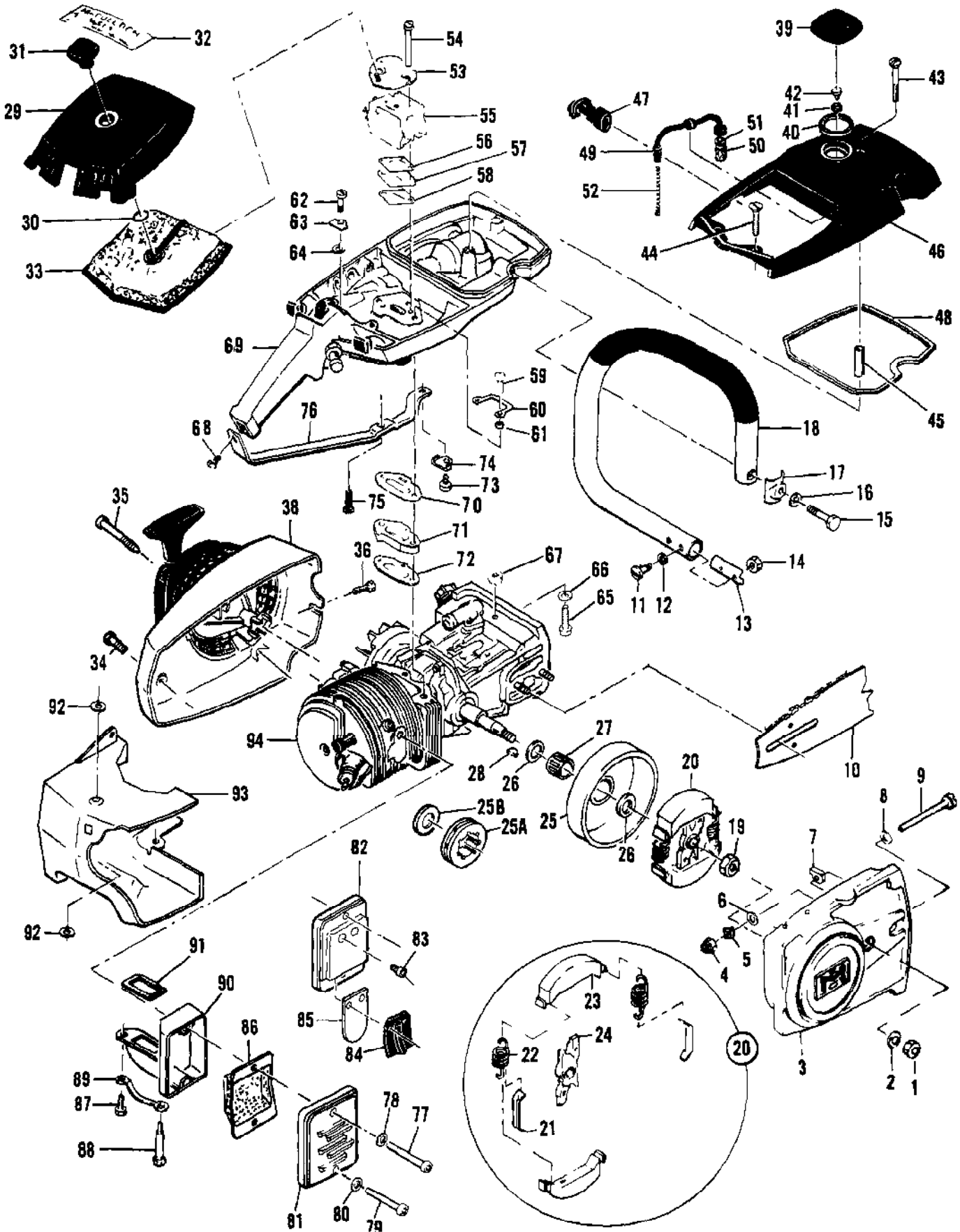
Ref #	Part Number	Qty	Description
	91275	1	Carburetor Assy
1	67501	4	Screw - Pump cover
2	88731	1	Kit - Pump cover
3	88617	1	Gasket - Cover
4	67498	1	Diaphragm - Check valve
5	83114	1	Diaphragm - Fuel pump
6	47690	3	Screw - Plate
7	83762	1	Plate - Throttle
8	67489	1	Clip - Shaft
9	67486	1	Shaft Assy - Throttle
10	85981	1	Spring - Throttle return
11	67490	1	Plate - Choke
12	67488	1	Shaft Assy - Choke
13	100302	1	Ball - Choke friction
14	67504	1	Spring - Choke friction
15	68106	1	Screw - Idle speed
16	67502	2	Spring - Idle
17	90345	1	Needle - Idle mixture
18	70798	4	Screw - Diaphragm cover
19	83761	1	Cover - Diaphragm
20	67499	1	Diaphragm - Metering
21	67496	1	Gasket - Diaphragm
22	67500	1	Screw - Lever pin
23	67508	1	Pin - Lever
24	67509	1	Lever - Inlet
25	67503	1	Spring - Lever
26	67491	1	Valve - Needle
27	71690	1	Plug - 3/8
28	67507	1	Screen - Fuel
29	90350	1	Jet - H/S fuel (28)
	90351		Jet - H/S fuel (26) Alt
	90349		Jet - H/S fuel (29) Alt
	88619		Kit - Gasket
	88620		Kit - Repair



Ref #	Part Number	Qty	Description
1	91255	1	Kit - Starter handle
1A		1	Washer
3	110646	3	Screw - Oval hd 8-32 x 1-1/8
4	87672	1	Cover - Starter
5	110657	1	Pin - Roll (S/Ns prefixed 11-)
6	84051	1	Pulley - Rope (S/Ns prefixed 11-)
7	110341	1	Screw - Hex hd 10-24 x 1/2
8	68162	1	Rope - Starter
9	110470	1	Rivet - Rope
10	85122	1	Drum - Starter
11	87680	1	Spring - Rewind
12	86053	1	Shield - Spring
13	83748	1	Shaft - Starter
14	87693	1	Kit - Housing
15	87674	1	Guard - Sawdust



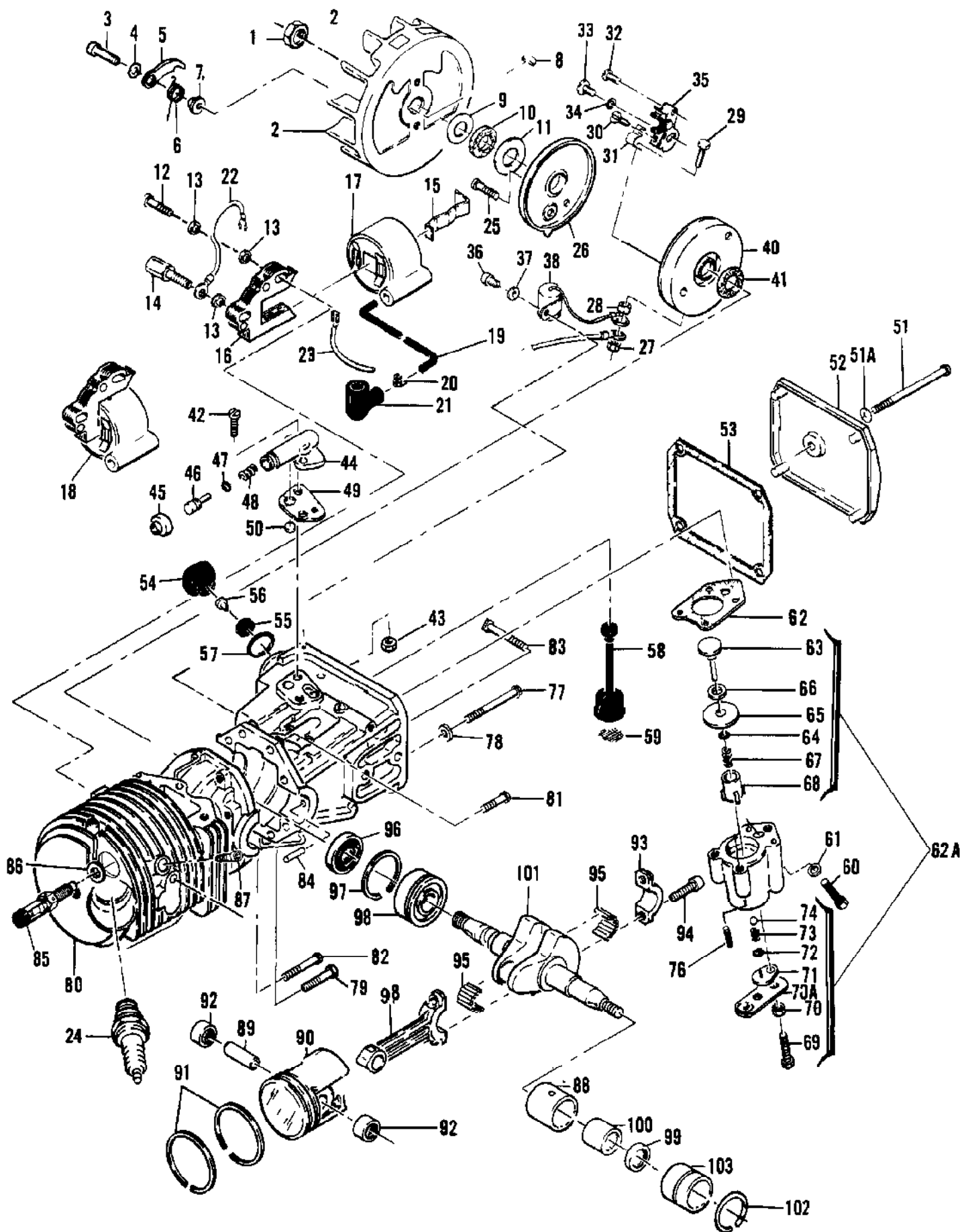
Ref #	Part Number	Qty	Description
1	84183	1	Fuel Tank
2	64872	1	Grip - Handle
	89320	1	Grip - Handle
3	105673	2	Pin - Roll 3/32 x 9/16
4	69041	1	Button - Choke
5	105614	1	"O" Ring
6	64871	1	Button & Rod Assy
6A	63044	1	Button - Oiler
7	68522	1	Seal - Throttle rod
8	110378	1	Pin - Roll 3/16 x 15/16
9	87178	1	Spring - Throttle return
10	88796	1	Trigger
11	110668	1	Screw - Fil hd 8-36 x 5/8
12	103672	1	Screw - Fil hd 8-32 x 1/2 (SEMS)
13	62973A	1	Wire Assy - Stop-switch
14	62451	1	Contact - Switch
15	62950A	1	Base - Switch
16	68846	1	Button - Switch
17	85107	1	Rod - Throttle
18	69042	1	Rod - Choke
19	69043	1	Snubber - Rod
20	85451	1	Latch Assy - Throttle
21	67271	1	Screw - Idle adjustment (S/Ns prefixed 11-)
	86273	1	Screw - Idle adjustment (S/Ns prefixed 12-)
	87932	1	Screw - Idle adjustment (S/Ns prefixed 13-, 14-)
22	69564	AR	Seal - Airbox



Ref #	Part Number	Qty	Description
1	110454	2	Nut - Hex 5/16-24
2	100440	2	Washer - 5/16
3	88586	1	Clutch Guard Assy
4	102067	1	Nut - Hex 10-24
5	110387	1	Washer - Wavey
6	100002	1	Washer - #10
7	61705	1	Nut - Bar adjustment
8	110264	1	Washer - #10
9	102144	1	Screw - Bar adjustment
10		1	Bar & Chain Assy
11	110865	2	Screw - Hex hd 10-24 x 7/8
12	100352	2	Washer - #10
13	89727	1	Plug - Retainer
14	101326	2	Nut - Hex 10-24
15	102130	1	Screw - Hex hd 1/4-20 x 1-1/2
16	100153	1	Lockwasher - 1/4
17	63484	1	Clamp - Frame
18	87686	1	Frame & Grip Assy
19	110594	1	Nut - Hex 3/8-24
	86113	1	Nut - Hex 3/8-24
20	84682	1	Clutch Assy
	87675	1	Clutch Assy
21	64583	2	Retainer - Spring
22	83223	2	Spring - Clutch
23	67233	2	Shoe - Clutch
24	62204C	1	Rotor Assy
	89438	1	Rotor Assy
25	86948	1	Drum
25A	86951	1	Sprocket - .375
25B	86958	1	Washer - Sprocket
25	66979	1	Kit - Sprocket & Drum - .404
26	61692	2	Shim
27	110330	1	Bearing
28	103879	1	Key - Woodruff
29	68530	1	Cover Assy - Air cleaner
30	110565	1	Ring - Retainer
31	68529	1	Knob - Cover
32	87176	1	Nameplate
33	69922	1	Filter - Air
34	110741	1	Screw - Pan hd 10-24 x 1/2
35	62978	3	Screw - Special
36	110741	1	Screw - Pan hd 10-24 x 1/2
38			Fan Housing & Starter See "Fan Housing & Starter Assemblies" illustration and parts list.
39	89322	1	Cap Assy - Fuel
40	69767	1	Gasket
41	86453	1	Plug
42	53766A	1	Valve
43	110402	1	Screw - Oval hd 12-24 x 2-3/8
44	103579	2	Screw - Fl hd 10-24 x 1
45	87840	1	Spacer
46	84252	1	Cover - Fuel tank
	88650	1	Cover - Fuel tank
	87815	1	Cover - Fuel tank
	89425	1	Cover - Fuel tank

Ref #	Part Number	Qty	Description
47	84253	1	Boot - Carburetor
	87665	1	Boot - Carburetor
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 (Part 1), (Part 2), (Part 3) and (Part 4)" illustrations and parts lists.
56	86189	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 - #12
62	110568	1	Screw - Hex hd 12-24 x 1-1/8
63	69516	1	Lockplate
64	64856	1	Washer - Special
65	110713	1	Screw - Skt hd 10-24 x 7/8
66	100003	1	Washer - #10
67	69772	1	Spacer
68	106078	1	Screw - Pan hd 10-24 x 7/16
	104816	1	Screw - Pan hd 10-24 x 1-1/4
69			Fuel Tank Assy See "Fuel Tank Assembly" illustration and parts list.
70	84082	1	Gasket - Fuel tank
71	84080	1	Insulator - Fuel tank
72	68594	1	Gasket - Insulator
73	110566	1	Screw - Hex hd 12-24 x 5/8
74	68508	1	Lockplate
75	110682	1	Screw - Hex hd 10-24 x 5/8
76	85007	1	Brace - Handle
77	104534	1	Screw - Skt hd 10-24 x 1-7/16
78	24236	2	Washer - Special
79	101563	1	Screw - Skt hd 10-24 x 1-1/4
80	110264	1	Washer - #10
81	88779	1	Cover - Muffler
82	87683	1	Cover & Valve Assy - Muffler
83	110472	2	Screw - Skt hd 8-32 x 5/16
84	87286	1	Stop - Reed
85	87682	1	Valve - Reed
86	85152	1	Baffle - Muffler
87	110529	1	Screw - Hex hd 10-24 x 1/2
88	68187	1	Screw - Special
89	67922	1	Lockplate
90	83106	1	Body & Duct Assy
	87663	1	Body & Duct Assy
91	84007	1	Gasket - Spark arrestor
92			Deleted
93	85731		Shroud

Ref #	Part Number	Qty	Description
94			Powerhead Assy See "Powerhead Assembly" illustration and parts list.



Ref #	Part Number	Qty	Description
1	110703	1	Nut - Hex 3/8-24
2	86068	1	Flywheel
3	110713	2	Screw - Skt hd 10-24 x 7/8
4	83241	2	Washer - Special
5	67546	2	Pawl - Starter
6	67545	2	Spring - Pawl
7	67547	2	Pivot - Pawl
8	103879	1	Key - Woodruff
9	67057	1	Washer - Thrust
10	67056	1	Seal - Breaker box cover
11	67054	1	Washer - Thrust
12	110127	1	Screw - Hex hd 10-24 x 7/8 (SEMS)
13	100002	3	Washer - #10
14	83512	1	Stud - Special
15	51253	1	Retainer - Coil
16	85138	1	Lamination
17	84972	1	Kit - Coil
18	87246	1	Coil & Lamination Assy
19	50120	1	Wire Assy - Spark plug
20	55061	1	Connector
21	85758	1	Boot
22	84686	1	Wire Assy - Ground
23	69344	1	Wire Assy - Primary
24	63432	1	Spark Plug - AC CS 42 T
25	110584	1	Screw - Pan hd 8/32 x 3/4
26	62362	1	Cover - Breaker box
27	100298	1	Nut - Hex 6-32
28	62365	1	Spacer - Breaker
29	110346	1	Screw - Hex hd 6-32 x 3/4
30	110706	1	Screw - Pan hd 8-18 x 1/2
31	83126	1	Strap - Conduction
32	110811	1	Screw - Pan hd 8-32 x 3/8
33	110445	1	Screw - Truss hd 8-32 x 3/8
34	105976	1	Washer - #8
35	88808	1	Breaker Assy
36	103672	1	Screw - Fil hd 8-32 x 1/2 (SEMS)
37	100080	1	Washer - #8
38	85358	1	Condenser
40	84329	1	Box - Breaker
41	67051	1	Seal - Breaker box
42	103672	2	Screw - Fil hd 8-32 x 1/2
43	100955	1	Nut - Hex 8-32
44	84156	1	Housing - Pump
45	62262	1	Cap - Housing
46	62266	1	Plunger - Pump
47	105614	1	"O" Ring
48	66687	1	Spring - Pump
49	62230	1	Gasket - Pump
50	62909	1	Valve - Pump
51	110291	1	Screw - Pan hd 10-24 x 2-5/8
51A	110921	1	Washer
52	86304	1	Cover - Oil tank
53	86306	1	Gasket - Cover
54	87270	1	Cap - Oil tank
55	87269	1	Retainer

Ref #	Part Number	Qty	Description
56	86402	1	Valve
57	101148	1	"O" Ring
58	62123B	1	Hose Assy - Oil
59	51506	1	Screen - Hose
60	110865	1	Screw - Hex hd 10-24 x 7/8
61	100003	1	Washer - Special
62	89642	1	Gasket - Pulse pump
62A	89115	1	Pump Assy - Pulse
63	60260A	1	Piston Assy - Pump
64	105603	1	"O" Ring
65	86182	1	Ring - Piston
66	60937	1	Washer - Teflon
67	60259	1	Spring - Piston
68	62227	1	Sleeve - Adjustment
69	110386	1	Screw - Hex hd 8-32 x 1
70	100251	1	Nut - Hex 8-32
70A	89114	1	Clamp - Pump
71	62407	1	Cover - Outlet valve
72	106104	1	"O" Ring
73	62885A	1	Spring - Outlet valve
74	102809	1	Ball
76	88645	1	Screw - Set
77	62105	4	Screw Assy - Sealing
78	62842	4	Washer - Sealing
79	110288	1	Screw Assy - Hex 8-32 x 3/4
80	87681	1	Crankcase Assy
	89711	1	Crankcase Assy
81	110288	2	Screw Assy - Hex 8-32 x 1-3/8
82	110618	1	Screw Assy - Hex 8-32 x 1-3/8
83	62065	2	Bolt - Bar mounting
84	110851	1	Pin - Dowel
85	87866	1	Valve - DSP
86	85505	1	Washer - Valve
87	110681	1	Screw - Skt hd 10-24 x 1/4
88	87152	1	Insert - Bearing
89	69020	1	Pin - Piston
90	85239	1	Piston Assy
91	87166	1	Ring Set - Piston (Wide)
	89732	1	Ring Set - Piston (Thin)
92	110590	1	Bearing - Needle
93	85352	1	Connecting Rod Assy
94	61627A	2	Screw - Skt hd special
95	63225	1	Roller - Needle (Set of 20)
96	61618	1	Seal - Oil
97	63464	1	Ring - Snap
98	63429B	1	Bearing - Ball
99	110260	1	Seal - Oil
100	104357	1	Bearing - Needle
101	87699	1	Crankshaft
102	63699	1	Ring - Bearing insert
103	63701	1	Insert - Bearing