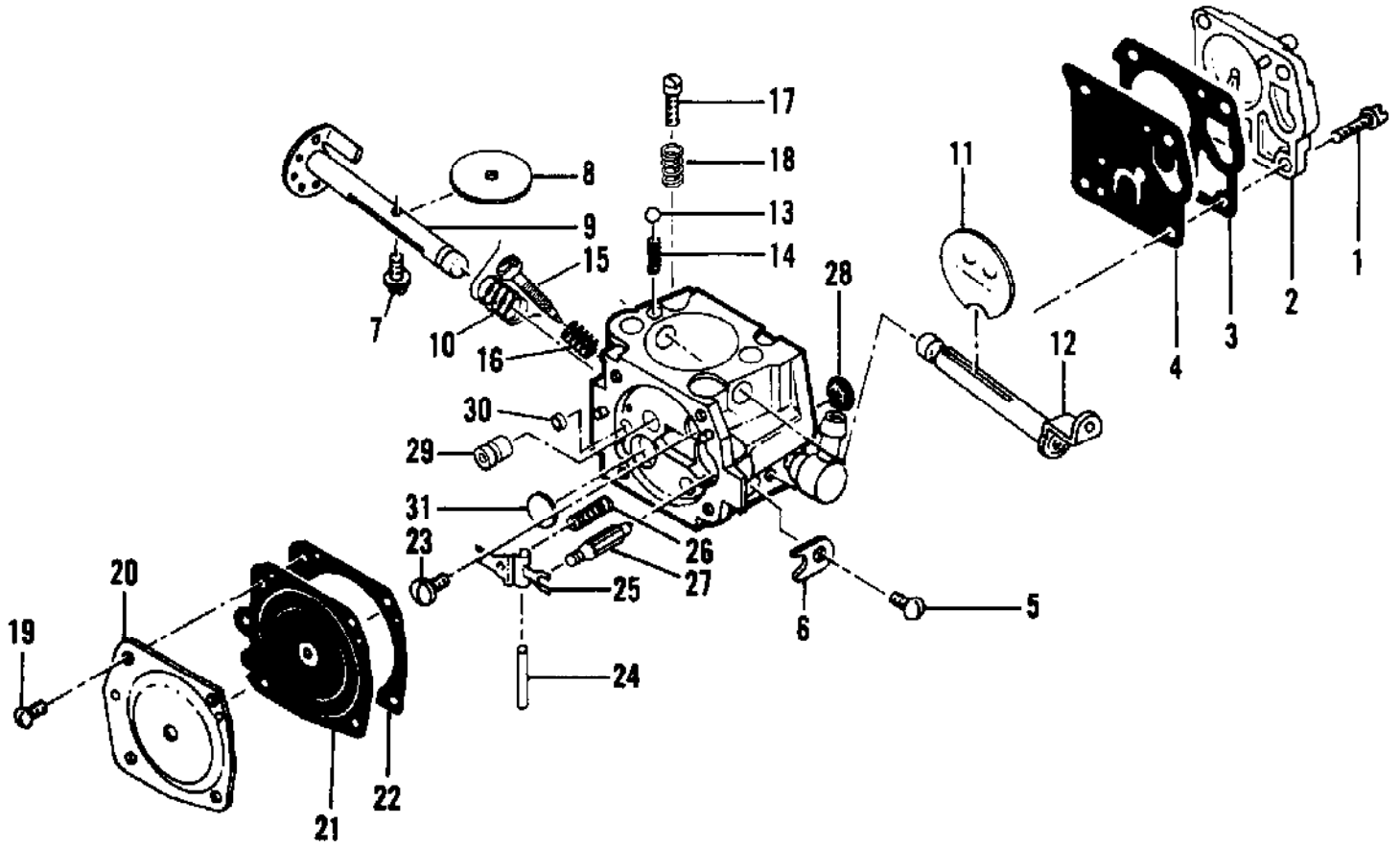
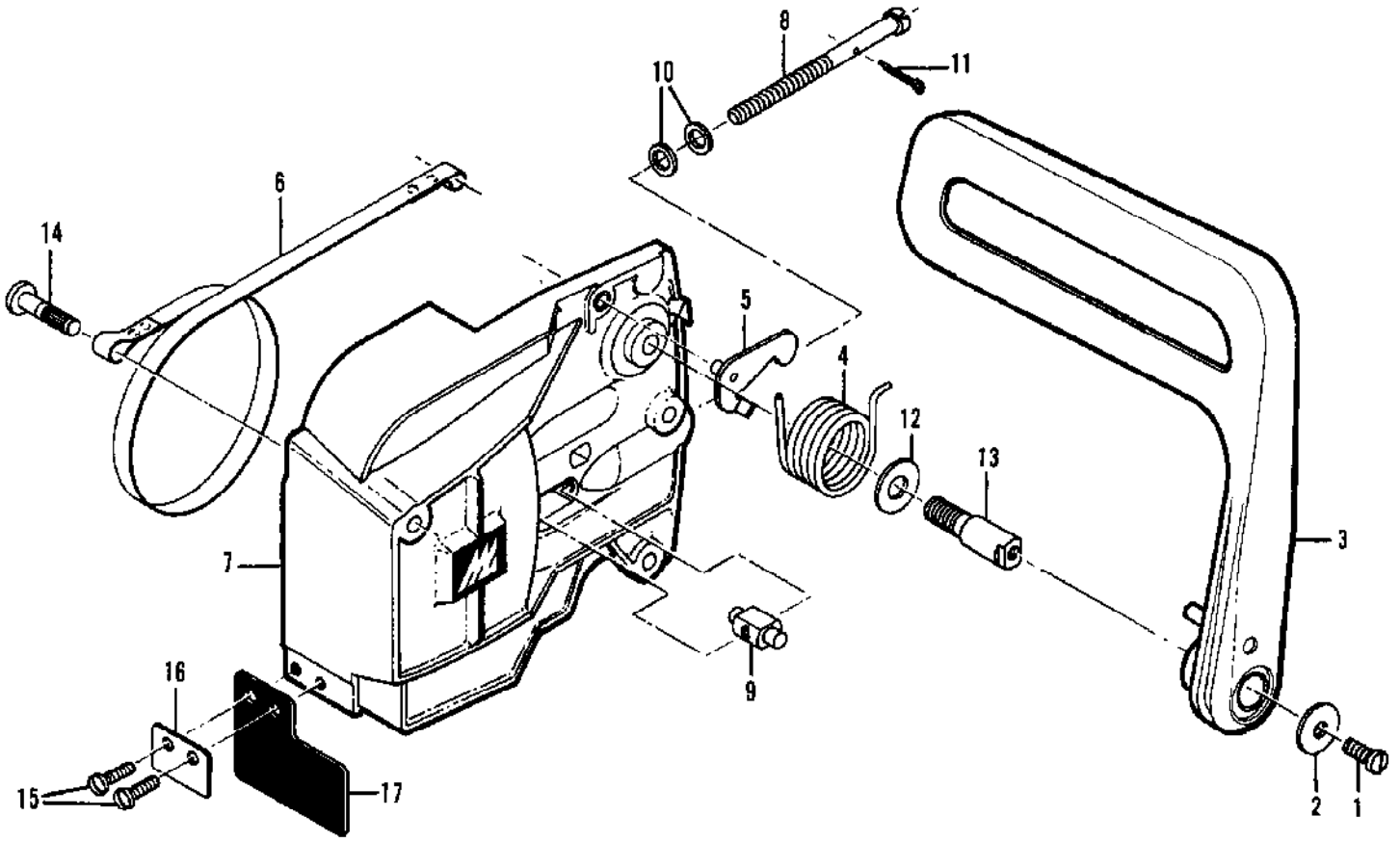


No  
Diagram  
Available  
  
Parts List  
Only

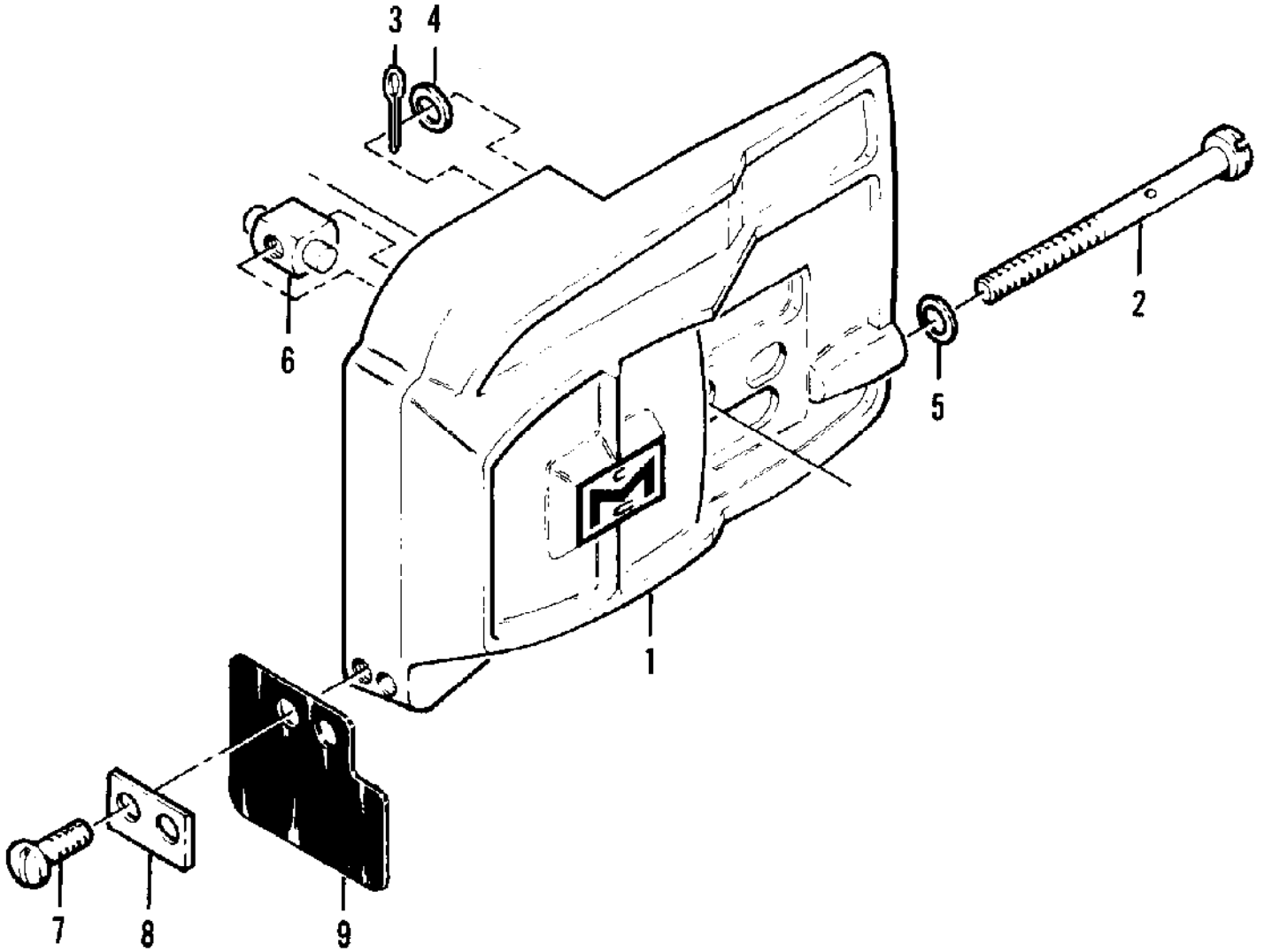
Ref #	Part Number	Qty	Description
	64797		Wrench - Spark plug
	61040		Wrench - Combination
	85584		Socket - Extension
	85583		Key - Splined socket
	65712		Guide - Timing
	68256		Kit - Split bearing retainer
	84688		Kit - Spark arrester baffle
	85108		Retainer - Baffle
	85463		Kit - Preheater
	86351		Kit - Fuel cap cover
	83463		Kit - Gas & Go
	85376		Kit - Spark plug cover
	85322		Kit - Fanhousing k cover
	63097		Spark Plug (Standard)
	63432		SPark Plug (Standard)
	65778		Spark Plug (Cooler)
	91435		Kit - CHAIN BRAKE



Ref #	Part Number	Qty	Description
	87288	1	Carburetor Assembly
1	52933	4	Screw - Pump Cover
2	83731	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	88773	1	Shaft Assy - Throttle
10	67136	1	Spring - Throttle shaft
11	66639	1	Plate - Choke
12	83717	1	Shaft Assy - Choke
13	100071	1	Ball - Choke friction
14	48759	1	Spring - Choke friction
15	88768	1	Needle - Low speed mix
16	66626	1	Spring - Needle
17	66625	1	Screw - Idle speed
18	66626	1	Spring - Idle speed screw
19	61725	4	Screw - Diaphragm cover
20	66631	1	Cover - Diaphragm
21	66632	1	Diaphragm - Metering
22	66633	1	Gasket - Diaphragm
23	66644	1	Screw - Inlet lever pin
24	66636	1	Pin - Inlet lever
25	66638	1	Lever - Inlet
26	66404	1	Spring - Inlet lever
27	66637	1	Needle - Inlet
28	66623	1	Screen - Fuel inlet
29	88771	1	Jet - High speed fuel (029 std.)
	88772		Jet - High speed (028) Alt.
	88781		Jet - High speed (027) Alt.
	88780		Jet - High speed (026) Alt.
	88769		Jet - High speed (030) Alt.
	88770		Jet - High speed (031) Alt.
30	52928	1	Plug - Cup
31	66622	1	Plug - Welch
	88774		Gasket Set
	88775		Repair Kit

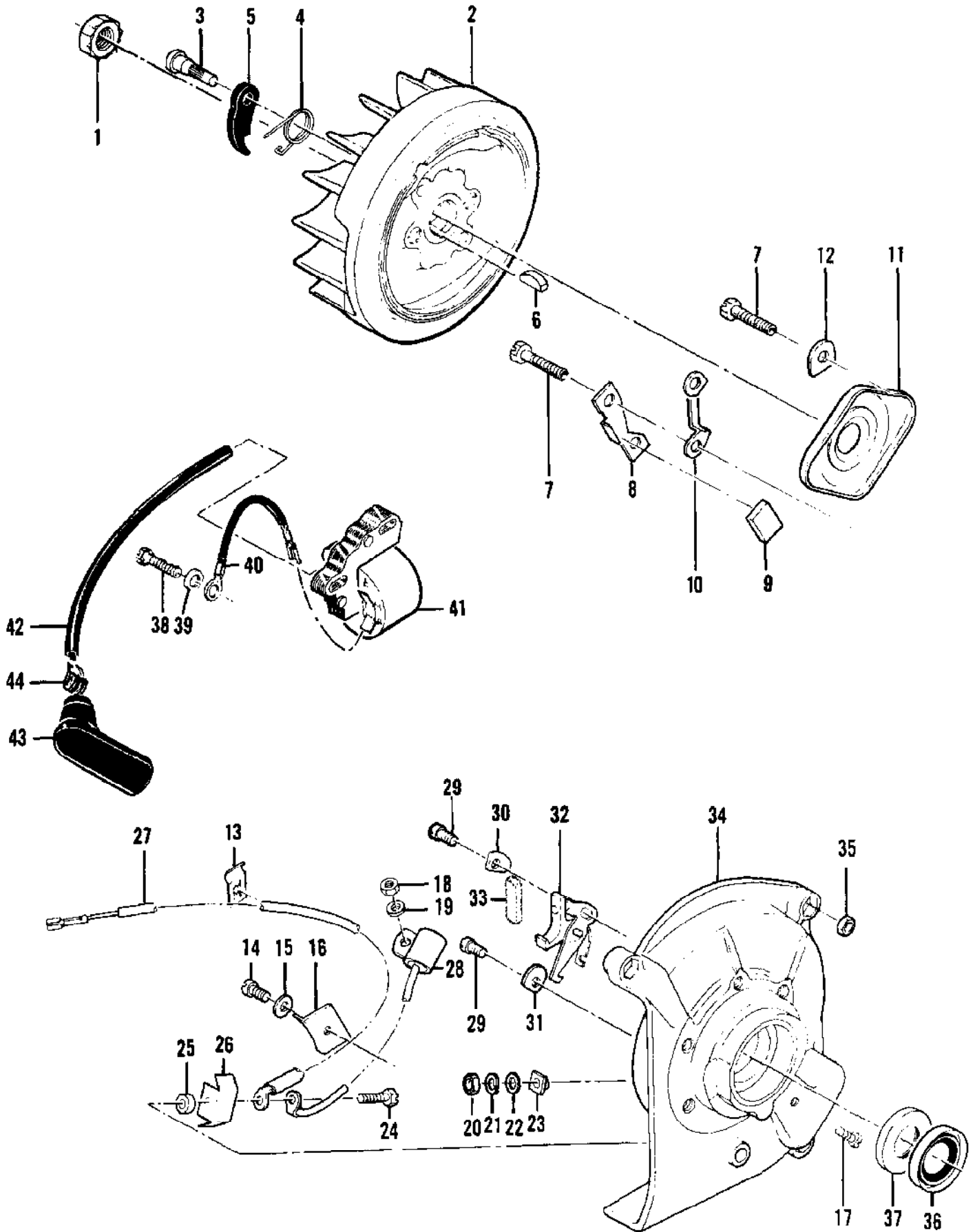


Ref #	Part Number	Qty	Description
	91436	1	CHAIN BRAKE
1	102500	1	Screw - Pan hd 10-24 x 1/2
2	91273	1	Washer - Special
3	91251	1	Lever Asy - Brake
4	91411	1	Spring - Activating
5	91235A	1	Latch Asy
6	91410	1	Band - Brake
7	91437	1	Housing Asy
8	91761	1	Screw - Bar adjusting
9	52207C	1	Nut - Bar adjusting
10	100004	2	Washer
11	105686	1	Pin - Cotter
12	91245	1	Washer - Thrust
13	91246	1	Pin - Lever pivot
14	91412	1	Pin - Brake band
15	110041	2	Screw - Pan hd 8-32 x 1/2
16	69492	1	Retainer - Deflector
17	69477	1	Deflector

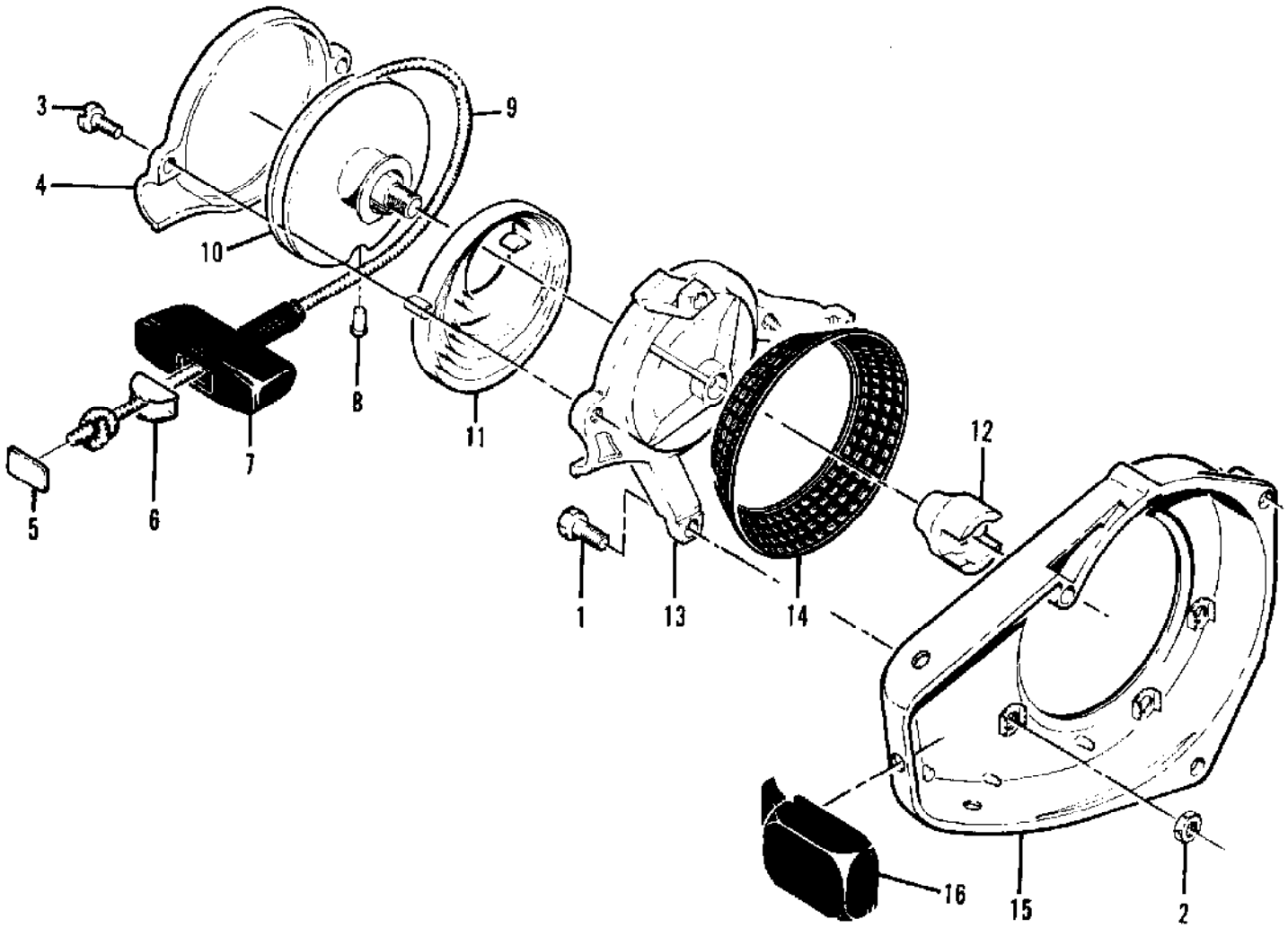


Ref #	Part Number	Qty	Description
1	85547A	1	Clutch Guard Asy
2	62057	1	Screw - Adjustment
3	105686	1	Pin - Cotter
4	100004	1	Washer - 1/4
5	100005	1	Washer - 1/4
6	52207C	1	Nut - Bar adjustment
7	110041	2	Screw - Pan hd 8-32 x 1/2
8	69492	1	Retainer - Deflector
9	69477	1	Deflector - Sawdust

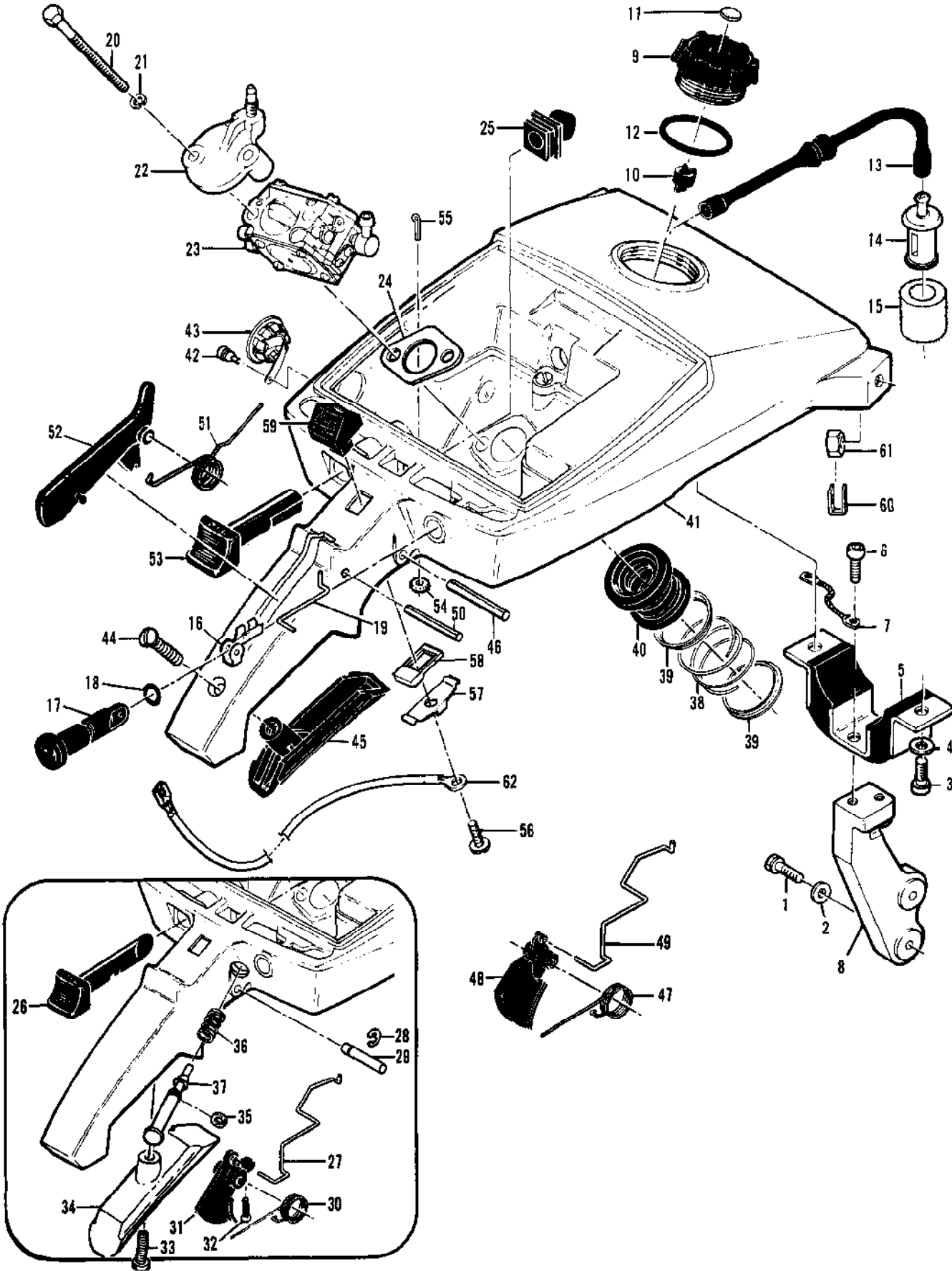




Ref #	Part Number	Qty	Description
1	110655	1	Nut - Hx 7/16-20
2	68282	1	Flywheel & Pawl Asy
3	36144B	2	Pin - Pawl
4	66351	2	Spring - Pawl
5	24093	2	Pawl - Starter
6	100106	1	Key - Woodruff
7	110866	6	Screw - Hx hd 10-24 x 3/4
8	57815	1	Strap - Seal
9	50664	1	Seal - Breaker box
10	55977	2	Clip - Cover
11	55766B	1	Cover - Breaker box
12	36388	1	Plate - Lock
13	104230	1	Nut - Speed
14	110055	1	Screw - Fil hd 8-32 x 3/8 (SEMS)
15	100080	1	Washer - #8
16	57829	1	Clamp - Ignition wire
17	103748	1	Screw - Hx hd 8-32 x 1/2
18	100251	1	Nut - Hx 8-32
19	100057	1	Washer - Lock 48
20	104551	1	Nut - Hx 8-32
21	104553	1	Washer - Lock #8
22	100080	1	Washer - #8
23	57770A	1	Insulator - Breaker spring
24	110338	1	Screw - Hx hd 8-32 x 9/16
25	57769	1	Insulator - Ignition screw
26	55782A	1	Insulator - Breaker terminal
27	63628	1	Wire Asy - Primary
28	85358	1	Condenser
29	104733	2	Screw - Fil hd 8-32 x 1/2 (SEMS)
30	57767A	1	Plate - Lock
31	55778E	1	Washer - Breaker retainer
32	88807	1	Breaker Asy
33	54184	1	Wiper - Oil
34	84193	1	Cover Asy - Crankcase
35	101326	3	Nut - Hx 10-24
36	57898	1	Seal - Oil
37	57897	1	Seal - Oil
38	110713	2	Screw - Skt hd 10-24 x 7/8
39	83745	2	Washer - Special
40	63639	1	Wire Asy - Ground
41	85243	1	Coil & Lamination Asy
42	50120	1	Wire Asy - Spark plug
43	55060	1	Boot - Spark plug
44	55061	1	Connector - Spark plug

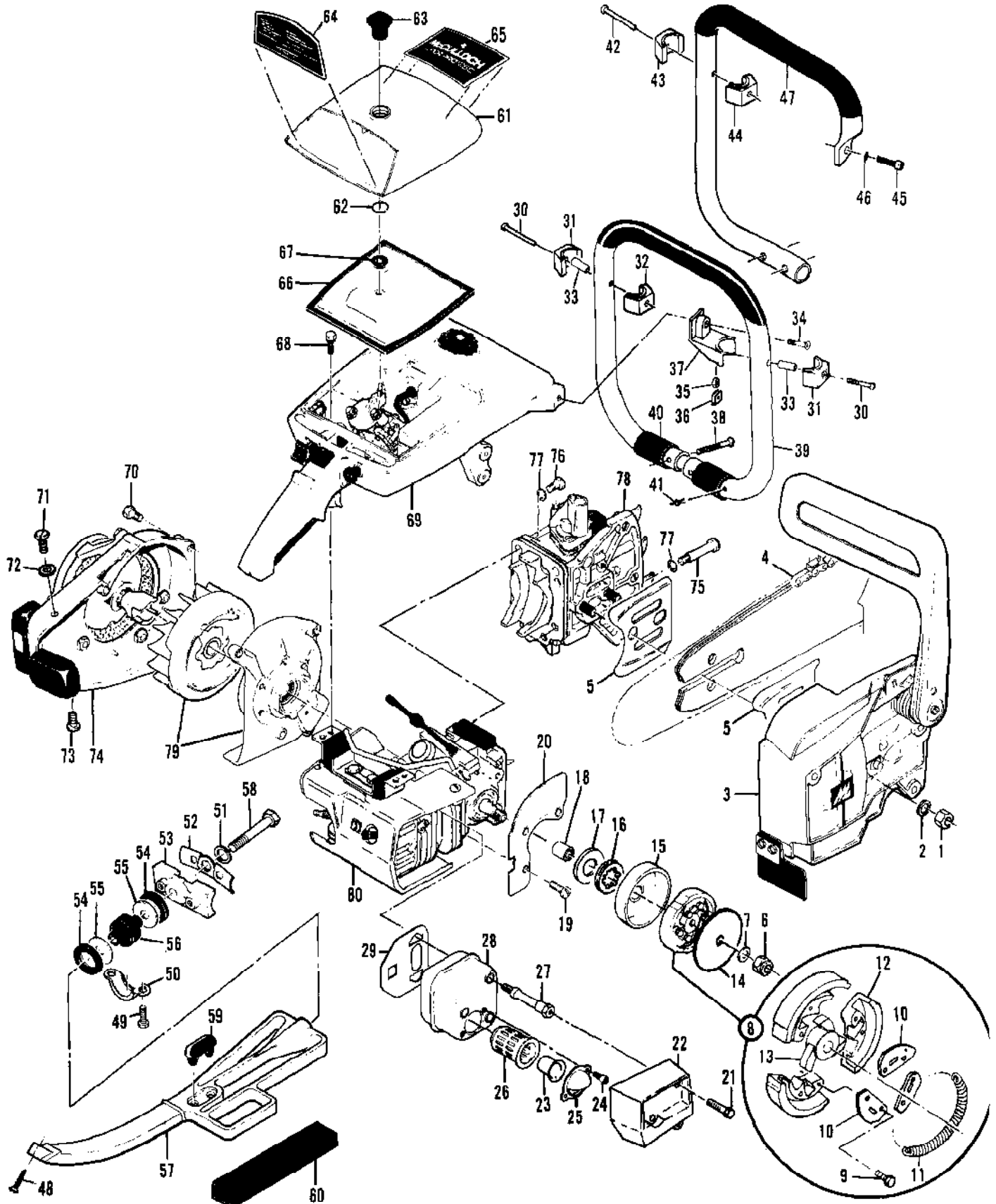


Ref #	Part Number	Qty	Description
1	110911	3	Screw - Hx hd 10-24 x 7/8
2	101326	3	Nut - Hx 10-24
	85323	1	Starter Asy
3	104396	2	Screw - Pan hd 10-24 x 3/4
4	60647	1	Cover - Starter
5	57232	1	Plate - Starter handle
6	57231	1	Cup - Handle
7	57230	1	Handle - Starter
8	101136	1	Rivet - Rope
9	28716	1	Rope - Starter
10	57792	1	Drum - Starter
11	51665	1	Spring - Rewind
12	84177	1	Ratchet - Starter
13	84212	1	Base - Starter
14	84629	1	Guard - Sawdust
15	85317	1	Housing - Fan
16	85376	1	Cover - Spark plug



Ref #	Part Number	Qty	Description
1	102761	2	Screw - Hx hd 10-24 x 7/8
2	83745	2	Washer - Special
3	104895	2	Screw - Skt hd 10-24 x 5/8
4	83745	2	Washer - Special
5	85897	1	Mount - Front
6	104895	2	Screw - Skt hd 10-24 x 5/8
7	86365	1	Strap - Ground
8	69422	1	Bracket - Mount
9	559348	1	Cap Asy - Fuel
10	53766A	1	Valve - Check
11	55063	1	Seal - Capillary
12	101348	1	"O" Ring
13	69312	1	Hose - Fuel
14	53679B	1	Pickup Asy - Fuel
15	61159	1	Filter - Fuel
16	69442	1	Retainer - Choke Rod
17	69471	1	Button - Choke
18	105614	1	"O" Ring
19	69443	1	Rod - Choke
20	110614	2	Screw - Hx hd 10-24 x 2-3/8
21	103174	2	Washer - Lock #10
22	69152	1	Anchor Asy - Air cleaner
23		1	Carburetor Asy See "Carburetor Assembly" illustration and parts list.
24	86189	1	Gasket - Carburetor
25	69525	1	Grommet - Throttle rod
26	69495	1	Plunger - Oiler
27	84119	1	Rod - Throttle
27	86149	1	Rod - Throttle
28	104501	1	Retainer - Trigger pin
29	69465	1	Pin - Trigger
30	69466	1	Spring - Trigger
31	84121	1	Trigger - Throttle
31	86150	1	Trigger - Throttle
32	110668	1	Screw - Fil hd 8-36 x 5/8
33	110724	1	Screw Fil hd 10-24 x 1
34	85660	1	Insert - Handle
35	102189	1	Ring - Retaining
36	84214	1	Spring - Throttle latch
37	84213	1	Button - Throttle latch
37	86151	1	Button - Throttle latch
38	69565	1	Spring - Connector
39	69371	2	Ferrule - Connector
40	69889	1	Connector
41	87289A	1	Kit - Tank/Control Asy
42	69360	1	Plug
43	51396A	1	Cover Asy - Adj hole
44	92209	1	Screw - Insert
45	92172	1	Insert - Handle
46	110948	1	Pin - Roll 3/16 x 1-1/4
47	69466	1	Spring - Trigger
48	92164	1	Trigger - Throttle
49	86149	1	Rod - Throttle
50	102419	1	Pin - Roll 1/8 x 1
51	92173	1	Spring - Trigger release

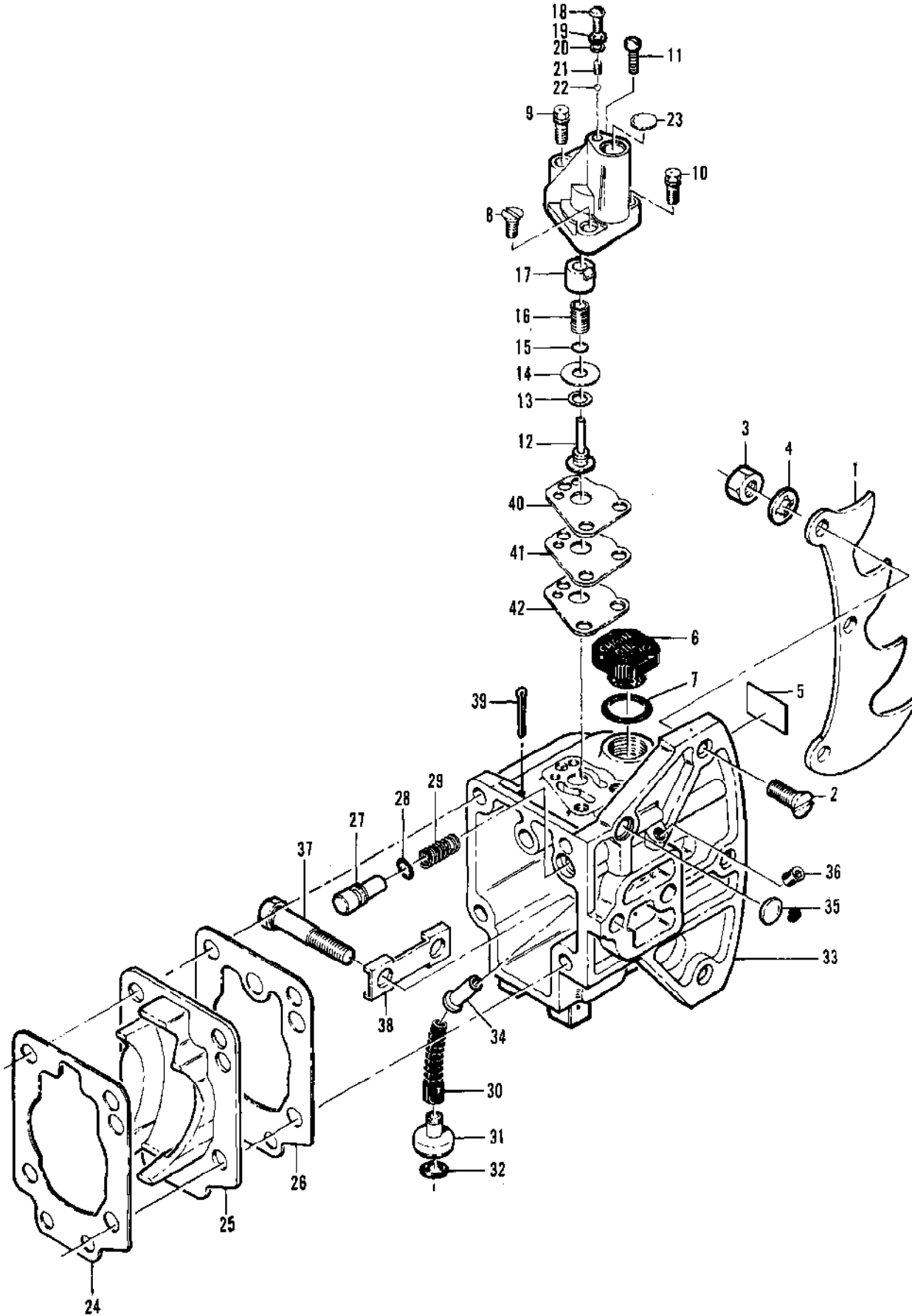
Ref #	Part Number	Qty	Description
52	92165	1	Release - Trigger
53	87285	1	Plunger - Oiler
54	69352	1	Washer - Felt
55	104310	1	Pin - Cotter
56	110706	1	Screw - Pan hd 8-18 x 1/2
57	62451	1	Contact - Ignition switch
58	62950A	1	Base - Stop switch
59	68846	1	Button - Stop switch
60	28053	2	Retainer - Nut
61	101326	2	Nut - Hx 10-24
62	83661	1	Wire Asy - Stop switch



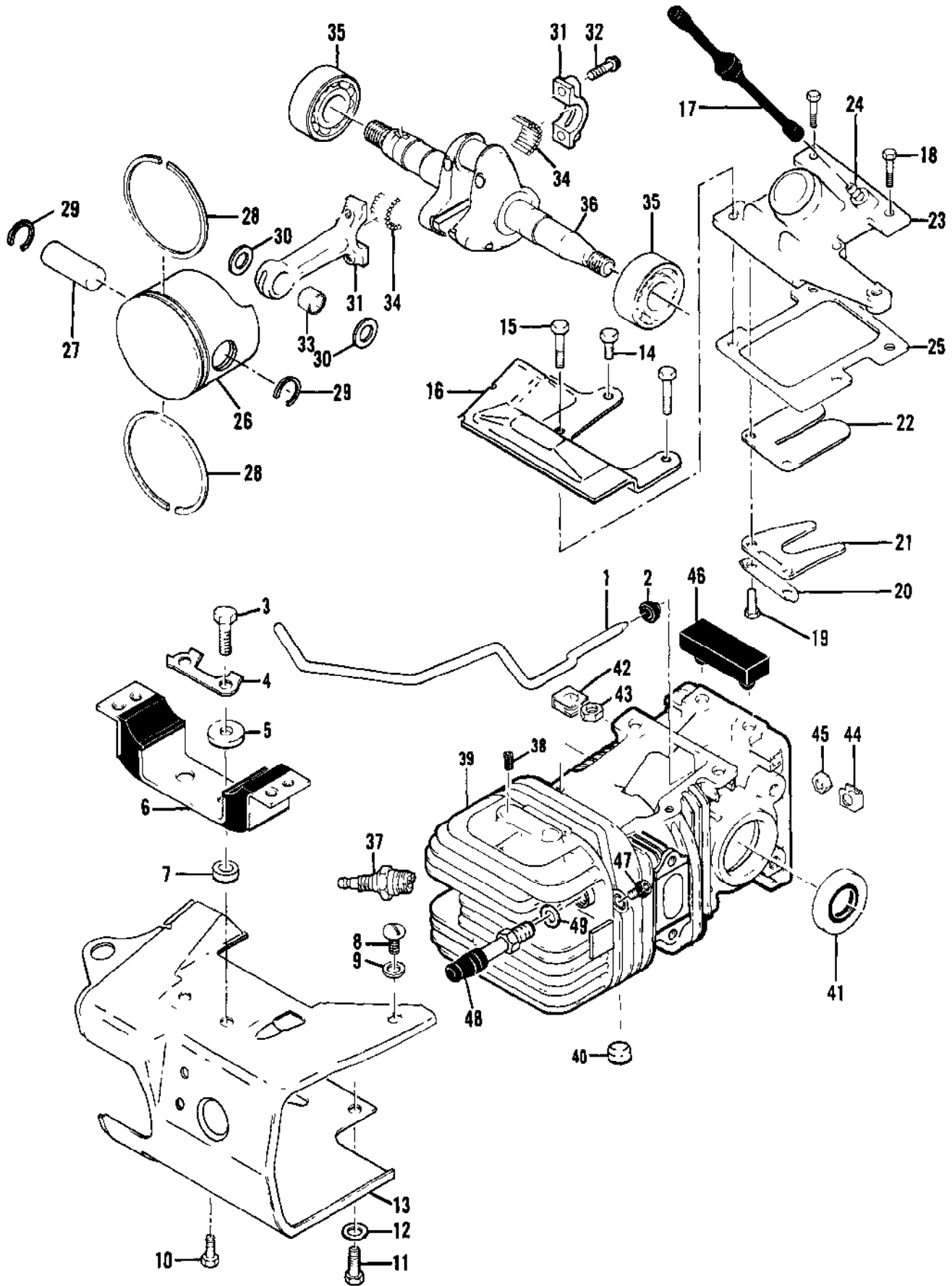


Ref #	Part Number	Qty	Description
1	110625	2	Nut - Hx 3/8-24
2	84623	2	Washer - Special
3			Clutch Guard Asy See "Clutch Guard Assembly" illustration and parts list.
3			CHAIN BRAKE Asy See "Chain Break Assembly" illustration and parts list.
4		1	Bar and Chain
5	64935	2	Plate - Bar Protector
6	86113	1	Nut - Hx 3/8-24 (LH)
7	100006	1	Washer - 3/8
8	88820	1	Clutch Asy
9	110850	6	Screw - Hx hd 8-32 x 1/2
10	86409	3	Plate Asy - Retainer
11	88735	1	Spring - Clutch
12	88817	3	Shoe - Clutch
13	86112	1	Rotor - Clutch
14	91055	1	Plate - Clutch Protector
15	90358	1	Kit - Drum/Spkt/Washer
16	86342	1	Sprocket - 7T .404P
17	86366	1	Washer - Sprocket
18	90360	1	Bearing - Sprocket
19	104133	3	Screw - Pan hd 1/4-20 x 5/8 (SEMS)
20	69464B	1	Jacket - Cylinder
21	110717	3	Screw - Hx hd 10-32 x 3/4
22	85459	1	Guard - Muffler
23	90716	1	Valve - Muffler
	85388	1	Kit - Muffler
24	110664	2	Screw - Skt hd 10-24 x 3/8
25	84203	1	Deflector
26	84690	1	Baffle - Muffler
27	85121	3	Screw - Shoulder
28	85117	1	Muffler Asy
29	92776	1	Gasket - Muffler
30	110605	2	Screw - Oval hd 10-24 x 2
31	69994	2	Collar - Frame
32	69995	1 or 2	Collar - Frame
33	69524	2	Bushing - Frame
34	101986	1	Screw - Oval hd 10-24 x 1
35	101326	1	Nut - Hx 10-24
36	28053	1	Retainer - Nut
37	91621	1	Collar - Frame
38	110606	2	Screw - Oval hd 10-24 x 1-1/4
39	69468	1	Frame & Grip Asy
39	91624A	1	Frame & Grip Asy
40	69885	2	Protector - Frame
41	84795	2	Rivet - Stop
42	110605	1	Screw - Oval hd 10-24 x 2
43	69994	1	Collar - Frame
44	69995	1	Collar - Frame
45	110714	1	Screw - Skt hd 10-24 x 3/4
46	24236	1	Washer - Special
47	86106A	1	Frame & Grip Asy
48	101986	1	Screw - Oval hd 10-24 x 1
49	104950	2	Screw - Hx hd 10-24 x 5/8

Ref #	Part Number	Qty	Description
50	83819	1	Clamp - Lower mount
51	100004	1	Washer - 1/4
52	85581	1	Plate - Lock
53	85220	1	Bracket - Lower mount
54	84661	2	Grommet
55	110845	2	Washer - Grommet
56	85898	1	Mount -- Lower
57	86302	1	Kit - Handle brace
58	86301	1	Bolt - Handle brace
59	69883	1	Bumper - Brace
60	85651	1	Sleeve - Brace
61	85092A	1	Cover Asy - Air cleaner
62	110565	1	Ring - Retaining
63	68529	1	Knob - Cover
64	91519	1	Plate - Instructions
65	91518	1	Plate - Name
66	69100	1	Filter - Air
67	68528	1	Grommet - Filter
68	104950	4	Screw - Hx hd 10-24 x 5/8 (SEMS)
69			Fuel Tank Asy See "Fuel Tank Assembly" illustration and parts list.
70	110910	3	Screw - Hx hd 10-24 x 1-3/8 (SEMS)
71	104950	1	Screw - Hx hd 10-24 x 5/8 (SEMS)
72	100002	1	Washer - #10
73	102500	1	Screw - Pan hd 10-24 x 1/2
74			Fan Housing & Starter Asy See "Fan Housing and Starter Assemblies" illustration and parts list.
75	102127	2	Screw - Hx hd 1/4-20 x 3-1/4
76	103258	2	Screw - Hx hd 1/4-20 x 1-1/8
77	100005	4	Washer - 1/4
78			Oiler Tank & Pump Asys See "Oiler Tank & Pump Assemblies" illustration and parts list.
79			Crankcase Cover & Ignition Asy See "Crankcase Cover & Ignition Assemblies" illustration and parts list
80			Powerhead & Shroud Asys See "Powerhead & Shroud Assemblies" illustration and parts list.



Ref #	Part Number	Qty	Description
1	61331	1	Kit - Spike
2	102088	3	Screw - Fil hd 1/4-20 x 3/4
3	100152	3	Nut - Hx 1/4-20
4	100153	3	Washer - Lock
5	89350	1	Decal - Oiler
6	57129A	1	Cap - Oil
7	101148	1	"O" Ring
8	110245	1	Screw - Fil hd 10-24 x 3/4
9	110257	1	Screw - Hx hd 10-24 x 1-3/4
10	110127	1	Screw - Hx hd 10-24 x 7/8 (SEMS)
	89498	1	Pump Asy
11	110890	1	Screw - Fil hd 10-24 x 1/8
12	60260A	1	Piston Asy
13	60937	1	Washer - Piston
14	86182	1	Ring - Piston
15	105603	1	"O" Ring
16	86183	1	Spring - Piston
17	67918	1	Sleeve - Adjustment
18	60397A	1	Screw - Special
19	110613	1	Washer - #8 Hard
20	60398B	1	Washer - Special
21	60396B	1	Spring - Ball check
22	102809	1	Ball check
23	110157	1	Plug - Expansion
24	65654	1	Gasket - Crankcase bottom cover
25	86124	1	Cover - Crankcase bottom
26	86125	1	Gasket - Oiler housing
27	63643	1	Piston - Oiler
28	105617	1	"O" Ring
29	51946	1	Spring - Piston
30	90995	1	Pickup Asy - Oil
31	67569	1	Weight - Oil pickup
32	67552	1	Screen - Oil pickup
33	85392	1	Housing Asy - Oil
34	51982A	1	Valve Asy - Check
35	110914	1	Plug - Cup
36	91659	1	Plug - Pipe
37	51423B	2	Bolt - Bar
38	51439	1	Plate - Lock
39	104062	1	Pin - Cotter
40	86186	1	Gasket - Pump
41	67471	1	Spacer - Pump
42	68794	1	Gasket - Spacer



Ref #	Part Number	Qty	Description
1	69460	1	Pushrod - Oiler
2	57736	1	Seal - Pushrod
3	102761	2	Screw - Hx hd 10-24 x 7/8
4	69654	1	Plate - Lock
5	69417	2	Washer - Insulator
6	85896	1	Mount - Rear
7	85261	2	Spacer - Insulator
8	104393	1	Screw - Pan hd 10-24 x 3/8
9	100003	1	Washer - #10
10	104950	1	Screw - Hx hd 10-24 x 5/8
11	102861	2	Screw - Hx hd 1/4-20 x 5/8
12	100005	2	Washer - 1/4
13	91106	1	Shroud
14	110581	1	Screw - Hx hd 10-24 x 5/16
15	110748	2	Screw - Hx hd 10-24 x 1
16	85421	1	Baffle - Fan
17	88759	1	Hose - Pulse line
18	110621	2	Screw - Hx hd 10-24 x 3/4 (SEMS)
	85156	1	Manifold & Reed Asy
19	103748	2	Screw - Hx hd 8-32 x 1/2
20	69501	1	Plate - Lock
21	86294	1	Stop - Reed
22	86293	1	Valve - Reed
23	85235	1	Manifold & Pulse fitting
24	69600	1	Fitting - Pulse
25	69526	1	Gasket - Manifold
26	85539	1	Piston Assembly
27	89204	1	Pin - Piston
28	85608	1	Ring Set
29	85273	2	Ring - Retaining
30	85266	2	Washer - Thrust
31	88623	1	Connecting Rod Asy
32	110720	2	Screw - Spline hd special
33	85607	1	Roller - Needle (Set of 22)
34	85420	24	Roller - Needle
35	66016	2	Bearing - Ball
36	85476	1	Crankshaft
37	63432	1	Spark Plug
37	63097	1	Spark Plug
38	83374	2	Insert
39	91110	1	Crankcase Assembly
40	110685	3	Plug - Cup
41	104432	1	Seal - Oil
42	28053	2	Retainer - Nut
43	101326	2	Nut - Hx 10-24
44	18556A	6	Retainer - Nut
45	105394	6	Nut - Hx 1/4-20
46	69872	1	Snubber - Fuel tank
47	110681	1	Screw - Skt hd 10-24 x 1/4
48	85148	1	Valve - Comp. rel.
49	85505	1	Washer - Valve