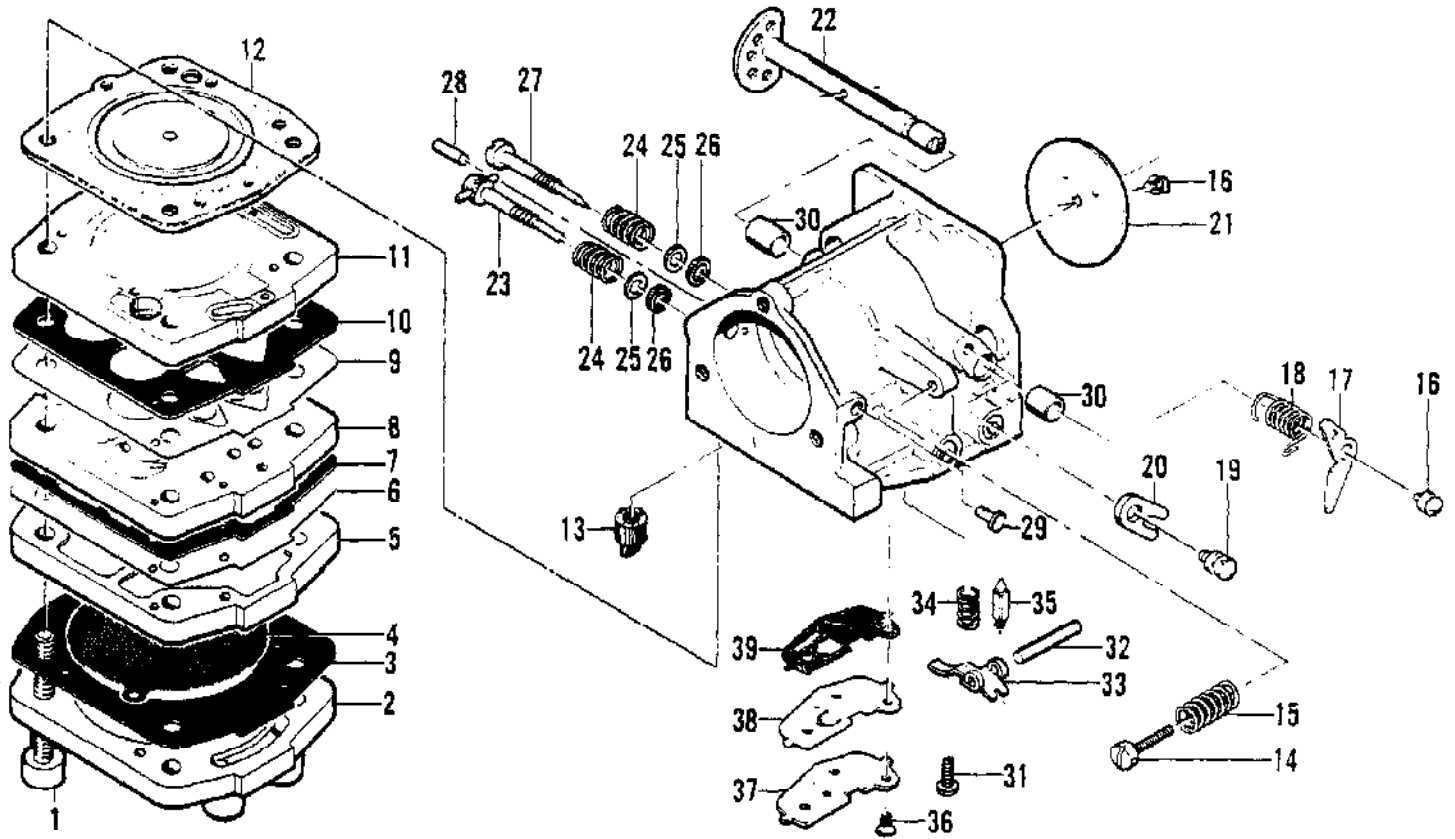


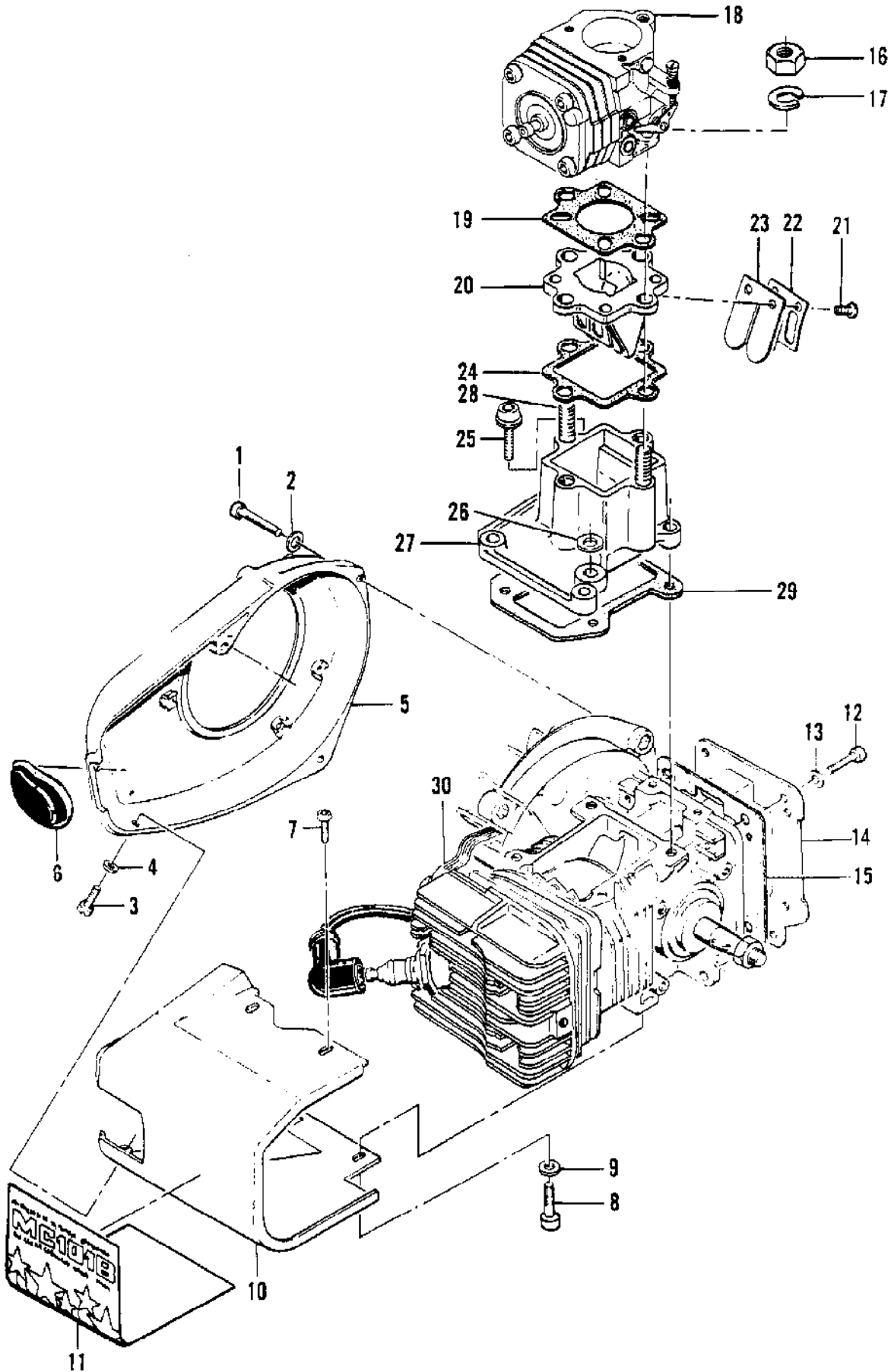
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Diagram
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Parts List
Only

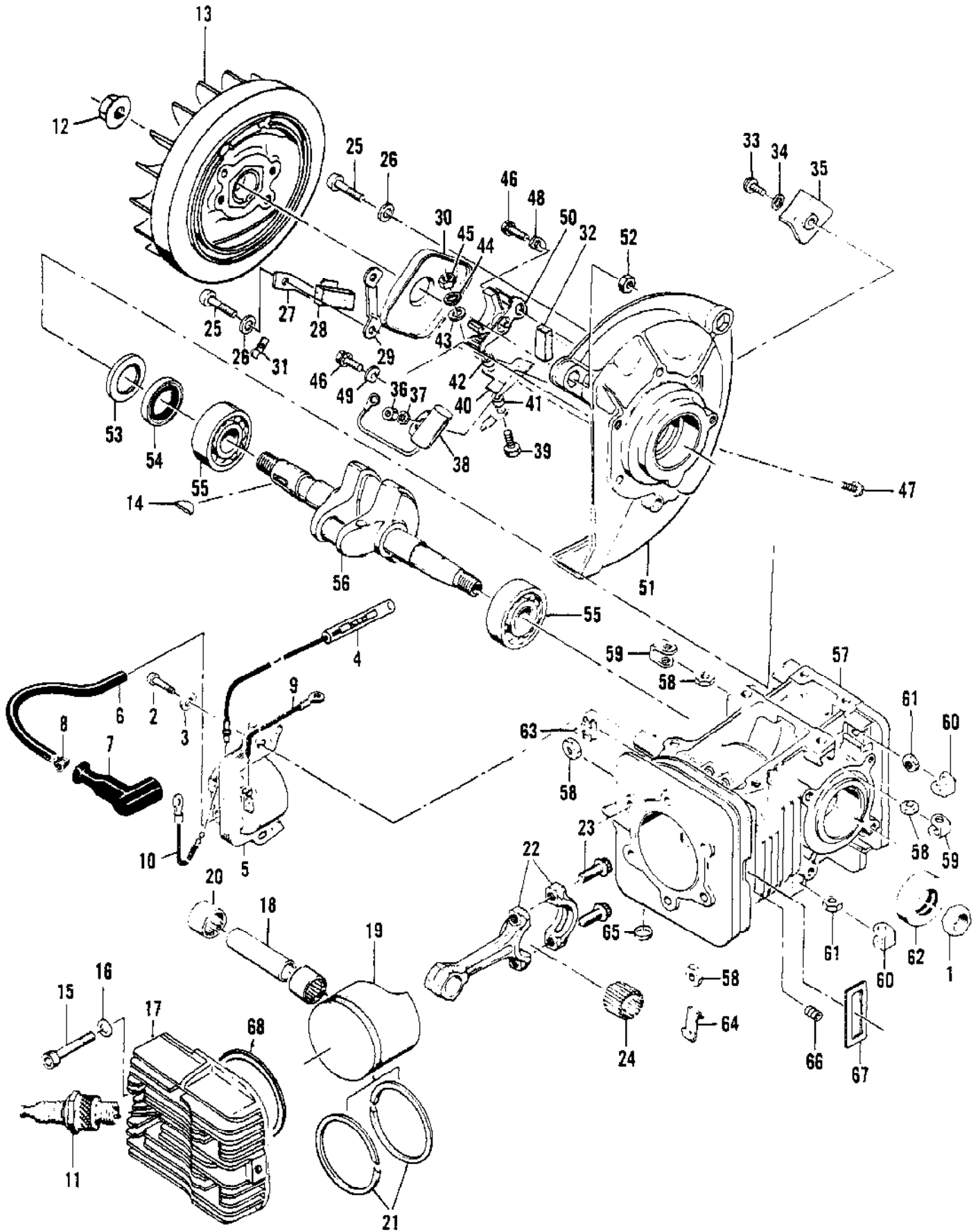
Ref #	Part Number	Qty	Description
	83209		Kit - Piston tool
	84493		Kit - Rewind starter
	86356		Kit - Choke
	85183		Kit - Hi capacity pump
	88845		Kit - Alcohol carburetor
	84916		Spark Plug - Ch L87R
	84917		Spark Plug - Ch L84R
	66794		Emblem - McCulloch
	66793		Decal - McCulloch
	88820		Clutch Assembly
	86419		Guide - Timing
	85583		Key - Splined socket
	85584		Socket - Extension
	84498		Head - High compression
	88137		Manifold Assy - Sloper
	90391		Connecting Rod Assy - Peened
	85205		Manual - Owner's
	84470		Piston Assy - 2.290
	84473		Piston Assy - 2.300
	84474		Piston Assy - 2.310
	84476		Piston Assy - 2.330
	66048		Ring Set - Piston 2.290 chrome
	66047		Ring Set - Piston 2.300 chrome
	66045		Ring Set - Piston 2.310 chrome
	69469		Ring Set - Piston 2.330 chrome
	85608		Ring Set - Piston 2.280 steel
	85609		Ring Set - Piston 2.290 steel
	85610		Ring Set - Piston 2.300 steel
	85611		Ring Set - Piston 2.310 steel
	89145		Ring Set - Piston 2.330 steel



Ref #	Part Number	Qty	Description
	91000	1	Carburetor Assy
1	91212	4	Screw - Skt hd 10-24 x 1-1/2
2	85163	1	Cover Assy - Fuel pump
3	85166	1	Gasket - Fuel inlet
4	85178	1	Screen - Filter
5	85179	1	Plate - Filter
6	85170	1	Diaphragm - Check valve
7	85167	1	Gasket - Fuel pump check valve
8	85180	1	Plate - Fuel pump
9	85171	1	Diaphragm - Fuel pump
10	85168	1	Gasket - Fuel pump
11	85181	1	Plate - Metering diaphragm
12	89888	1	Diaphragm - Metering
13	53766A	1	Valve - Check
14	55397	1	Screw - Idle speed
15	51705	1	Spring - Idle screw
16	104814	2	Screw - Pan hd 4-40 x 1/4 (SEMS)
17	50701A	1	Arm - Throttle shaft
18	65935	1	Spring - Throttle action
19	110055	1	Screw - Fil hd 8-32 x 3/8 (SEMS)
20	55082	1	Clip - Throttle shaft
21	65934	1	Plate - Throttle
22	65932	1	Shaft Assy - Throttle
23	87876	1	Needle - High speed
24	67502	2	Spring - Needle
25	52937	2	Washer - Packing
26	52938	2	Ring - Packing
27	84939	1	Needle - Idle
28	101796	1	Pin - Choke plate
29	48827	2	Pin - Choke shaft bore
30	55062A	2	Bushing - Body
31	104728	1	Screw - Lever pin
32	104305	1	Pin - Lever
33	85182	1	Lever Assy - Inlet
34	87874	1	Spring - Lever
35	87875	1	Needle - Inlet lever
36	84942	3	Screw - Circuit plate
37	87873	1	Plate - Circuit
38	84944	1	Diaphragm - Check valve
39	84946	2	Gasket - Circuit plate
	85183		Kit - Fuel pump



Ref #	Part Number	Qty	Description
1	104534	3	Screw - Skt hd 10-24 x 1
2	24236	3	Washer - Special
3	104849	1	Screw - Skt hd 10-24 x 1/2
4	100002	1	Washer - #10
5	91001	1	Housing - Fan
6	86387	1	Cover Assy - Spark plug
7	104849	1	Screw - Skt hd 10-24 x 1/2
8	100743	2	Screw - Skt hd 1/4-20 x 5/8
9	100005	2	Washer - 1/4
10	91003	1	Shroud - Cylinder
11	91004	1	Nameplate
12	105187	4	Screw - Skt hd 1/4-20 x 1-1/8
13	13643	4	Washer - Special
14	47803	1	Cover - Crankcase bottom
15	65654	1	Gasket - Cover
16	100248	2	Nut - Hex 1/4-28
17	100153	2	Lockwasher - 1/4
18			Carburetor Assy See "Carburetor Assembly" illustration and parts list.
19	65939	1	Gasket - Carburetor
20	68091	1	Valve Assy - Reed
21	101987	4	Screw - Rd hd 6-32 x 1/4
22	65904	2	Plate - Clamp
23	68074	2	Valve - Reed
24	68894	1	Gasket - Reed valve
25	110439	4	Screw - Skt hd 10-24 x 1
26	103744	1	Washer - Sealing
27	68889	1	Adaptor Assy - Carburetor
28	47868	2	Stud - Adaptor
29	69526	1	Gasket - Adaptor
30			Powerhead Assy See "Powerhead Assembly" illustration and parts list.



Ref #	Part Number	Qty	Description
1	86113	1	Nut - Hex 3/8-24 (L.H.)
2	110713	2	Screw - Skt hd 10-24 x 7/8
3	83745	2	Washer - Special
4	86131	1	Wire Assy - Kill switch
5	86413	1	Coil & Lamination Assy
6	50120	1	Wire Assy - Spark plug
7	55060	1	Boot
8	55061	1	Connector
9	101883	1	Wire Assy - Ground
10	57766	1	Wire Assy - Primary
11	84536	1	Spark Plug - 14mm 0.472 in. reach
12	110655	1	Nut - Hex 7/16-20
13	68281	1	Flywheel Assy
14	103879	1	Key - Woodruff
15	47905	6	Screw - Skt hd 10-24 x 1-15/32
16	24236	6	Washer - Special
17	89743	1	Head - Cylinder
18	69408	1	Pin - Piston
19	84469	1	Piston Assy
20	104519	2	Bearing - Needle
21	47865	1	Ring Set - Piston
22	86415	1	Connecting Rod Assy
23	110720	2	Screw - Spline hd special
24	69891	24	Roller - Needle
25	110713	6	Screw - Skt hd 10-24 x 3/4
26	24236	6	Washer - Special
27	57815	1	Strap - Seal
28	50664	1	Seal - Breaker box
29	55977	2	Clip - Breaker box cover
30	55766	1	Cover & Gasket Assy - Breaker box
31	104230	1	Speednut
32	54184	1	Wiper - Felt
33	110055	1	Screw - Fil hd 8-32 x 3/8 (SEMS)
34	100080	1	Washer - #8
35	57829	1	Clamp - Ignition wire
36	100251	1	Nut - Hex 8-32
37	100057	1	Lockwasher - #8
38	85358	1	Condenser
39	110338	1	Screw - Hex hd 8-32 x 9/16
40	55782A	1	Insulator - Wire
41	57769	1	Insulator - Screw
42	57770A	1	Insulator - Spring
43	100080	1	Washer - #8
44	104553	1	Lockwasher - #8
45	104551	1	Nut - Hex 8-32
46	104733	2	Screw - Fil hd 8-32 x 1/2 (SEMS)
47	103748	1	Screw - Hex hd 8-32 x 1/2
48	57767A	1	Lockplate
49	55778E	1	Washer - Breaker retainer
50	88807	1	Breaker Assy
51	84193	1	Cover Assy - Crankcase
52	101326	3	Nut - Hex 10-24
53	57898	1	Seal - Oil
54	57897	1	Seal - Oil
55	110883	2	Bearing - Ball

Ref #	Part Number	Qty	Description
56	69346	1	Crankshaft
57	84534	1	Crankcase Assy
58	101326	8	Nut - Hex 10-24
59	28053	2	Retainer - Nut
60	18556A	6	Retainer - Nut
61	101143	6	Nut - Hex 1/4-20
62	104432	1	Seal - Oil
63	104255	2	Retainer - Nut
64	57063	4	Retainer - Nut
65	110685	3	Plug - Cup
66	83374	2	Insert - Taplok
67	83379	1	Gasket - Muffler
68	91073	1	Gasket - Head