

Kart Engine

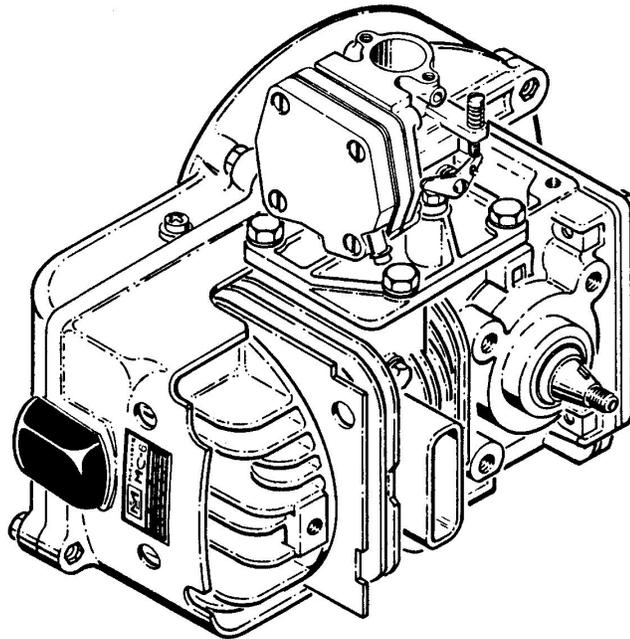
Mc-6

Illustrated Parts List

Part No. 400146R

November 1960

Price \$7.50



The following pages contain an illustrated parts list for the Mc-6 'Standard' type Kart Engine. Due to small differences between engines, it is important that the Serial Number of your kart engine be included whenever spare parts are ordered. This will assure receiving the proper parts from McCulloch Racing Corporation.

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This Illustrated Parts List is Part No. 48797A.

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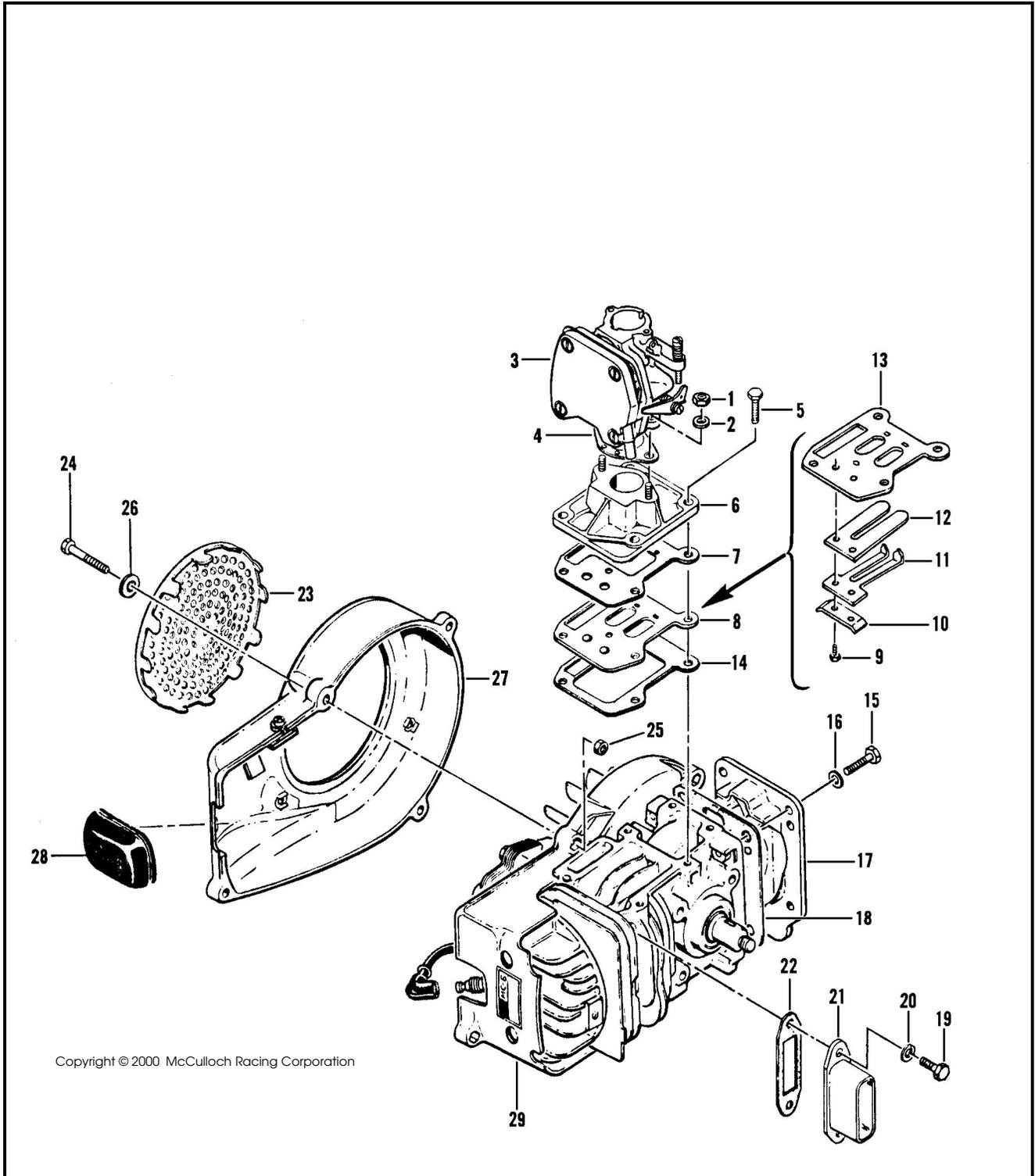
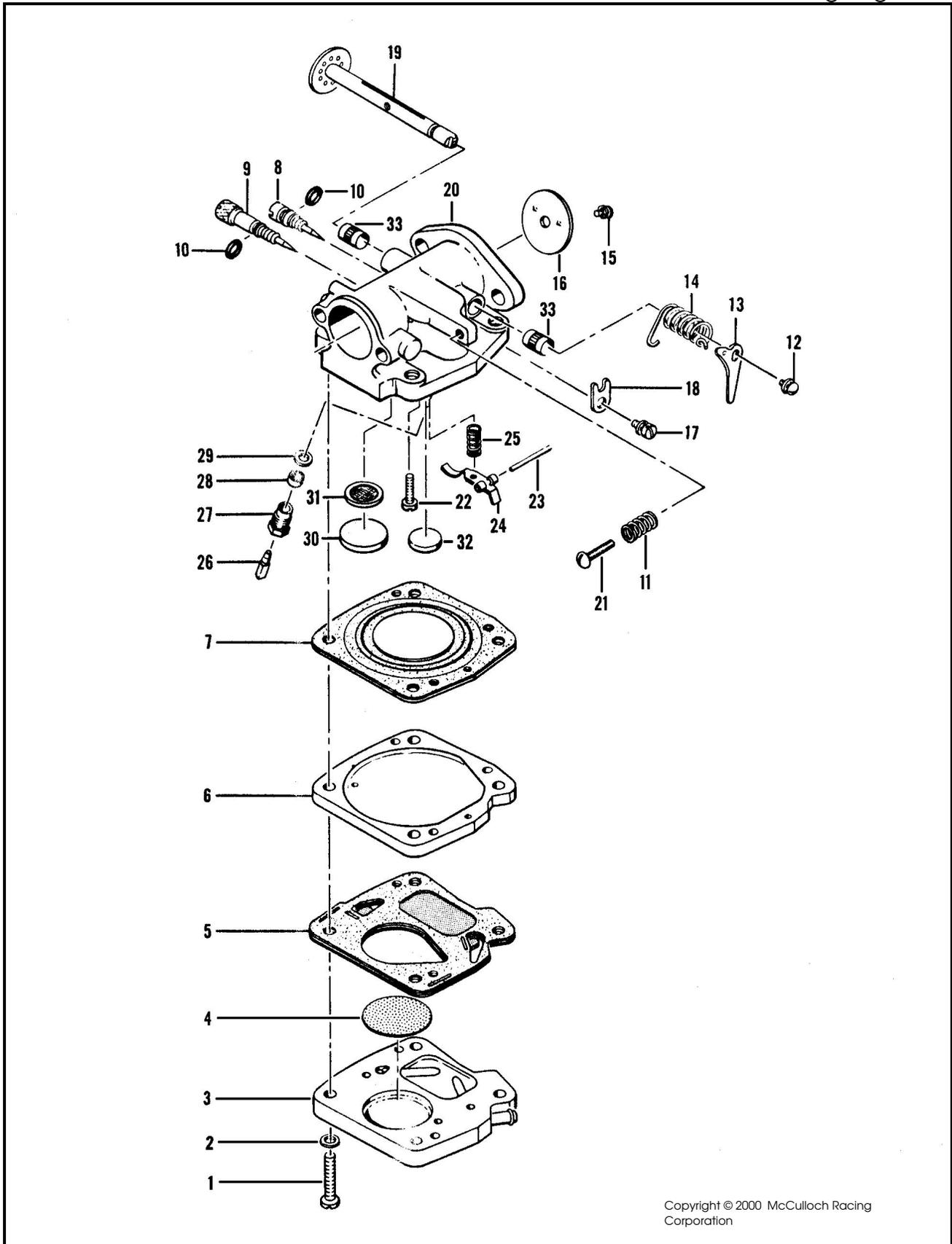


Figure 1. Engine Assembly, Model Mc-6 Engine

FIGURE 1. ENGINE ASSEMBLY, MODEL MC-6 ENGINE

Index No.	Part Number	Description	Units Per Assy.
1	100248	Nut - Hex	2
2	100153	Lockwasher - 1/4"	2
3	48730B	Carburetor Assy. (See Figure 2).....	1
4	51161C	Gasket - Carburetor	1
5	103947	Screw - Hex Hd (SEMS)	4
6	48608	Manifold Assy.	1
7	48604	Gasket - Intake Manifold.....	1
8		Reed Valve - Plate Assy.	1
9	104476	-----Screw - Rd Hd.....	2
10	51480	-----Lockplate.....	1
11	51810A	-----Guard - Reed	1
12	51809A	-----Valve - Reed	1
13	48791	-----Plate - Reed	1
14	48605	Gasket - Reed Valve Plate Assy.....	1
15	100882	Screw - Hex Hd 1/4-20 x 3/4" lg	4
16	100311	Washer - Plain	4
17	58139A	Bottom - Crankcase	1
18	48909	Gasket - Crankcase Bottom.....	1
19	102388	Screw - Hex	2
20	103100	Lockwasher.	2
21	48609	Header - Exhaust	1
22	36093	Gasket - Exhaust Header.....	1
23	51207	Guard - Dirt.....	1
24	102761	Screw - Hex Hd.....	4
25	101191	Locknut	2
26	102189	Washer - Plain	4
27	48796A	Fan Housing Assy.	1
28	57565	Cover Assy. - Sparkplug	1
29		Power Unit Assy. (See Figure 3)	1



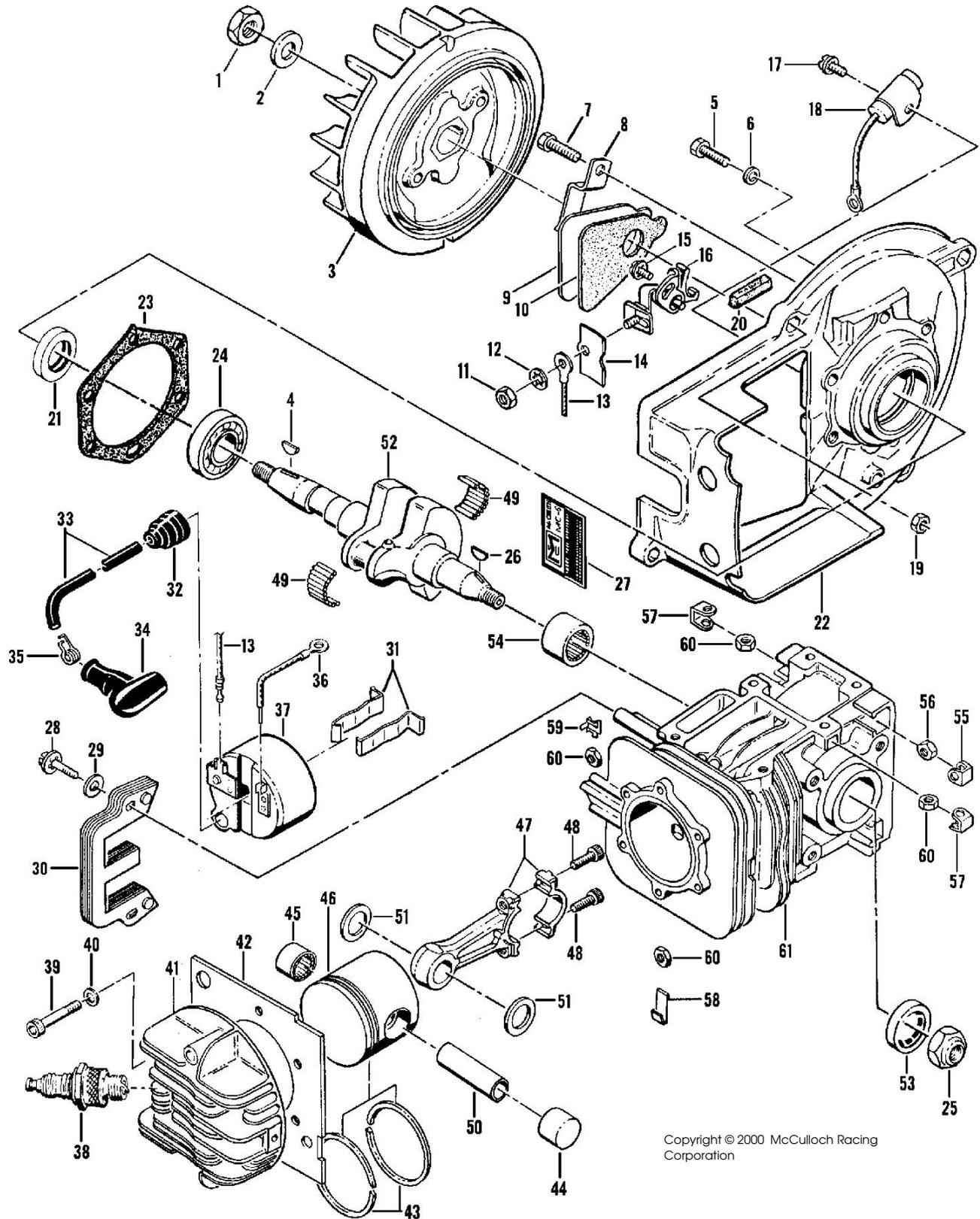
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Figure 2. Carburetor Assy., Mc-7 Engine

FIGURE 2. CARBURETOR ASSEMBLY, MODEL 48890

Index No.	Part Number	Description	Units Per Assy.
	48811	Carburetor Assy. Model 48811	1
1	104397	-----Screw – Pan Hd 10-24 x 7/8" lg	4
2	101194	-----Washer – Plain	4
3	57376	-----Body Assy. – Fuel Pump	1
4	57277*	----- Filter – Fuel	1
5	57274*	-----Diaphragm Assy. – Fuel Pump.....	1
6	57272	-----Plate – Carburetor Diaphragm	1
7	55067A*	-----Diaphragm – Metering	1
8	55090	-----Needle – Metering	1
9	48810	-----Needle – Metering Main	1
10	104001	-----‘O’ Ring	2
11	51705	-----Spring – Idle Screw	1
12	104000	-----Screw – Pan Hd 4-40x 1/4" lg	1
13	103540	-----Lockwasher – Internal	1
14	50701A	-----Arm – Throttle Shaft	1
15	48820	-----Spring – Throttle Return	1
16	104000	-----Screw – Pan Hd 4-40x 1/4" lg	1
17	103540	-----Lockwasher – Internal	1
18	55085	-----Plate – Throttle	1
19	102219	-----Screw – Fil Hd 8-32 x 1/4" lg	1
20	100252	-----Lockwasher – No. 8	1
21	55082	-----Clip – Throttle Shaft	1
22	48818	-----Shaft – Throttle Assy.....	1
23	55361B	-----Carburetor Body – Assy.	1
24	55397	----- Screw –Idle	1
25	104164	----- Screw – Pan Hd	1
26	104305	----- Pin – Inlet Lever	1
27	55688	----- Lever – Inlet Control.....	1
28	57172	----- Spring – Inlet Lever	1
26	55476	----- Valve – Needle.....	1
27	55475	----- Body – Needle	1
28	55474	----- Seat – Needle	1
29	55689	----- Washer – Valve	1
30	104407	----- Plug – Expansion	1
31	55690A	----- Seal – Capillary	1
32	102758	----- Plug – Expansion	1
33	55062A*	----- Bushing – Carburetor Body	2
37	104210	----- Pin – Groove	1

* Denotes the part is included in the carburetor rebuild kit, Part Number KIT-SMALLMC-C



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Figure 3. Mc-6 Powerhead Assy.

Figure 3. Mc-6 Powerhead Assy.

Index No.	Part Number	Description	Units Per Assy.
1	110179	Nut – Hex.....	1
2	101270	Washer – Special	1
3	48785	Flywheel Assy.....	1
4	100199	Key – Woodruff	1
5	102289	Screw – Hex Hd.....	4
6	102189	Washer - Plain	4
7	55494	Screw – Sealing.....	2
8	50671	Retainer – Breaker Box Cover.....	1
9	50588	Cover – Breaker Box	1
10	50589	Gasket – Breaker Box.....	1
11	100251	Nut - Hex	1
12	100057	Lockwasher - Internal	1
13	57225	Wire Assy. - Primary	1
14	50381	Insulator – Breaker Terminal	1
15	103672	Screw – Fil Hd (SEMS)	1
16	50076A	Breaker Assy. (Use 88806 when depleted)	1
17	103672	Screw – Fil Hd (SEMS).....	1
18	50074	Condenser.....	1
	57126	Crankcase Side Cover Assy.....	1
19	101326	-----Nut - Hex.....	2
20	54184	-----Wiper – Crankcase cover felt	1
21	50663	-----Seal – Oil, Crankcase	1
22	57126	-----Cover – Crankcase Side	1
23	51240	Gasket – Side Cover.....	1
24	100824	Bearing - Ball.....	1
25	103746	Locknut - Hex	1
26	100199	Key – Woodruff	1
27	48799	Nameplate	1
28	104138	Screw – Hex Hd.....	2
29	102189	Washer - Plain	2
30	51251	Lamination Assy.	1
31	51253	Retainer - Coil.....	2
	55973	Coil & Terminal Assy.	1
32	55617	-----Nipple.....	1
33	52547	-----Wire – Assy. Sparkplug.....	1
34	55060	----- Boot – Sparkplug.....	1
35	55061	----- Connector.....	1
36	101883	-----Wire Assy. – Ground	1
37	55973	-----Coil Assy.	1
38		Plug – Spark 14-mm.....	1
39	101563	Screw – Skt Hd.....	6
40	24236	Washer - Special	6
41	55146A	Head – Cylinder	1
42	48816	Gasket – Cylinder Head.....	1
	48844	Piston Assy.....	1
43	48691	-----Ring Set – Piston, 2.165" (Two Rings)Top Ring Chrome.....	1
44	104378	-----Bearing – Closed End	1
45	101206	-----Bearing – Open End.....	1
46	48844	-----Piston	1
47	55009	Connecting Rod Assy.	1
48	101356	-----Screw – Skt Hd. Special.....	2
49	102742	-----Roller – Needle	24
50	57198	Pin – Piston	1
51	51209	Washer - Thrust.....	2
52	48744	Crankshaft	1
	48701	Crankcase Assy.	1
53	104128	-----Seal – Oil	1
54	104129	-----Bearing – Needle	1
55	18556A	-----Retainer – Nut	4
56	101143	-----Locknut - Hex	4

Figure 3. Mc-6 Powerhead Assy.

Index No.	Part Number	Description	Units Per Assy.
57	28053	----- Retainer – Nut	2
58	57063	----- Retainer - Nut	4
59	104255	----- Retainer - Nut	2
60	101326	----- Nut - Hex	8
61	48701	Crankcase	1

OVERSIZED PISTON ASSEMBLY AND ACCESSORIES

Part Number	Description
48845	Piston Assy. - +0.010 inch oversize
48846	Piston Assy. - +0.020 inch oversize
48847	Piston Assy. - +0.030 inch oversize
48692	Ring Set – Piston +0.010 inch oversize, Top Ring chrome
48693	Ring Set – Piston +0.020 inch oversize, chrome
48694	Ring Set – Piston +0.030 inch oversize, chrome
84916	Sparkplug – Champion L87R
84917	Sparkplug – Champion L84R
86419	Tool – Timing Guide
48712A	Clutch Assy. – Dry
13639A	Clutch, Drum, Bearing and Sprocket Assy. – 10 Tooth, #35 Chain
13638A	Clutch, Drum, Bearing and Sprocket Assy. – 11 Tooth, #35 Chain
13637A	Clutch, Drum, Bearing and Sprocket Assy. – 12 Tooth, #35 Chain
48736A	Drum, Bearing and Sprocket Assy. – 10 Tooth, #35 Chain
48734A	Drum, Bearing and Sprocket Assy. – 11 Tooth, #35 Chain
48714A	Drum, Bearing and Sprocket Assy. – 12 Tooth, #35 Chain
104460	----- Bearing – Clutch Drum
48737	----- Spacer – Sprocket
48637	Sprocket – 10 tooth #35 Chain
48638	Sprocket – 11 tooth #35 Chain
48639	Sprocket – 12 tooth #35 Chain
48711D	Kit – Starter, Recoil
48663	Kit – Starter, Pawl
13178A	Kit – Engine Mounting
13598	Carburetor Inlet Stack

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