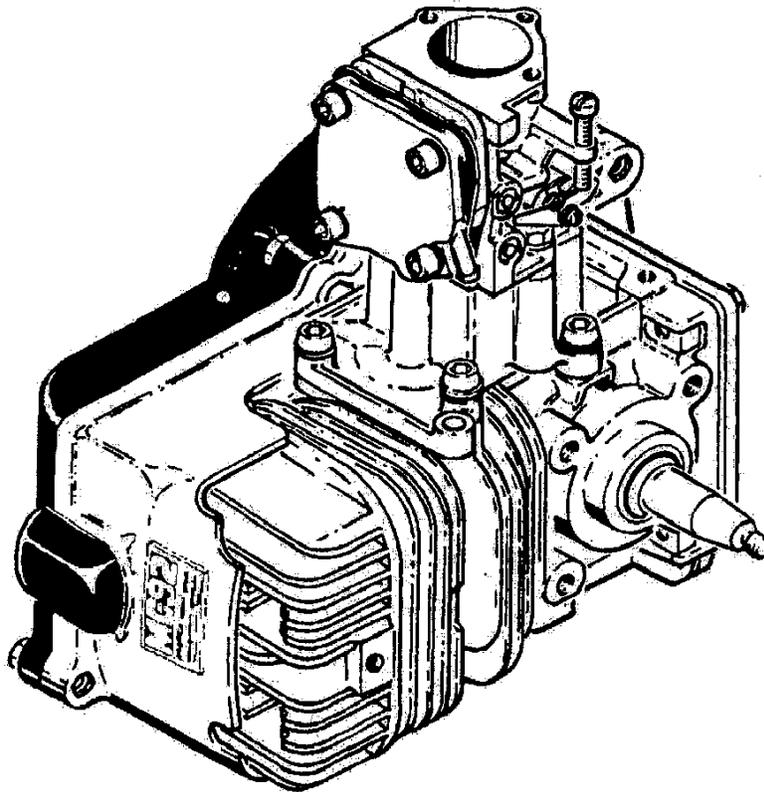


Kart Engine

Mc-92

Part No. 400165D

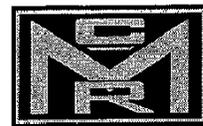
Illustrated Parts List



The following pages contain an illustrated parts list for the Mc-92 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.

The McCulloch Racing Corporation reserves the right to modify or change specifications without (1) prior notification or (2) obligation to back-fit or supply back-fit components for units previously shipped from McCulloch Racing Corporation.

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Figure 3.	Powerhead Assembly	6
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McCulloch Racing Corporation

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www.mccullochracing.com

IPL Part No. 91007

Mc-92

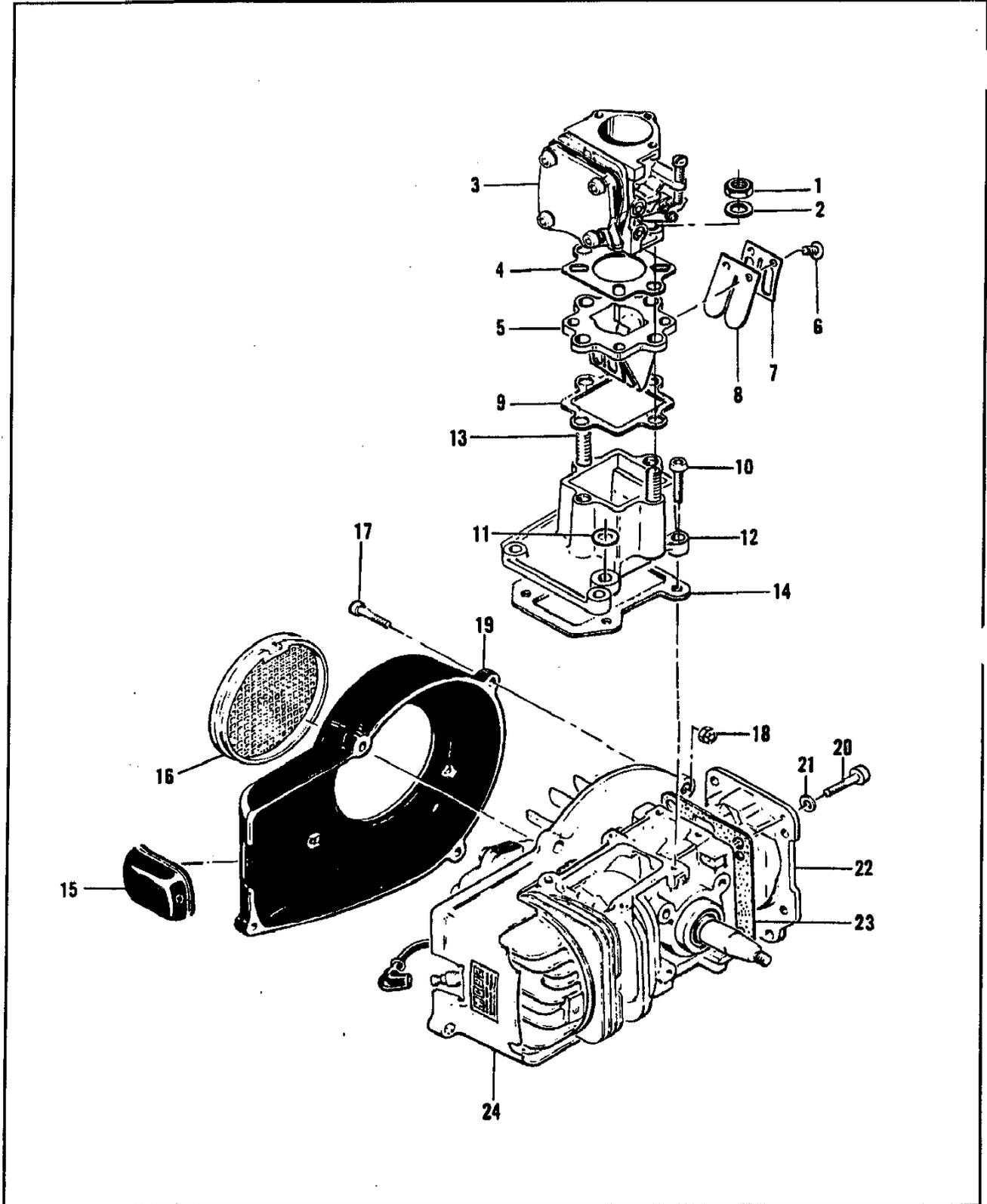


Figure 1. Engine Assembly, Model Mc-92 Engine

MC92**FIGURE 1. GENERAL**

Item No.	Part Number	Description	Units Per Assy
1	100248	Nut - Hex 1/4-28	2
2	100153	Lockwasher - 1/4	2
3		Carburetor Assy (See Figure 2)	1
4	65939	Gasket - Carburetor	1
5	68091	Valve Assy - Reed block	1
6	101987	. Screw - Rd hd 6-32 x 1/4	4
7	65904	. Plate - Clamp	2
8	68074	. Valve - Reed	2
9	68894	Gasket - Reed block	1
10	110439	Screw - Skt hd 10-24 x 1	4
11	103744	Washer - Sealing	1
12	68889	Adapter Assy - Carburetor	1

Item No.	Part Number	Description	Units Per Assy
13	47868	. Stud - Adapter	2
14	69526	Gasket - Adapter	1
15	86387	Cover Assy - Sparkplug	1
16	87249	Guard - Flywheel	1
17	110439	Screw - Skt hd 10-24 x 1	4
18	101326	Nut - Hex 10-24	2
19	88674	Fan Housing	1
20	105187	Screw - Skt hd 1/4-20 x 1	4
21	13643	Washer - Special	4
22	67254	Cover - Crankcase bottom	1
23	65654	Gasket - Cover	1
24		Power Unit Assy (See Figure 3)	

ACCESSORIES

Part Number	Description
68899	Piston Assy, 2. 170
68897	Piston Assy, 2. 175
87940	Piston Assy, 2. 185
87938	Piston Assy, 2. 195
66790	Ring Set - Piston, chrome, 2. 170
47768	Ring Set - Piston, chrome, 2. 175
87935	Ring Set - Piston, chrome, 2. 185
87934	Ring Set - Piston, chrome, 2. 195
89286	Ring Set - Piston, steel, 2. 165
89132	Ring Set - Piston, steel, 2. 170
89133	Ring Set - Piston, steel, 2. 175
89134	Ring Set - Piston, steel, 2. 185
89135	Ring Set - Piston, steel, 2. 195
90390	Rod Assy - Con, shot peened
84498	Head - Cyl, high compression
84916	Sparkplug - Champion, L87R
84917	Sparkplug - Champion, L84R
88137	Manifold Assy - Sloper
86356	Kit - Carburetor choke
48609	Header - Exhaust
68959	Kit - Tuned exhaust (vertical)
68960	Kit - Tuned exhaust (horizontal)
86419	Guide - Timing
48711D	Kit - Rewind starter
48662	Kit - Engine mounting stud
83205	Kit - Piston pin & bearing tool

Part Number	Description
13639A	Clutch, Drum, Bearing, & Sprocket Assy - 10 tooth
60315	. Clutch Assy
48736A	. Drum, Bearing, & Sprocket Assy - 10 tooth
104460	. . Bearing - Needle
48737	. . Spacer - Sprocket
13638A	Clutch, Drum, Bearing, & Sprocket Assy - 11 tooth
60315	. Clutch Assy
48734A	. Drum, Bearing, & Sprocket Assy - 11 tooth
104460	. . Bearing - Needle
48737	. . Spacer - Sprocket
13637A	Clutch, Drum, Bearing, & Sprocket Assy - 12 tooth
60315	. Clutch Assy
48714A	. Drum, Bearing, & Sprocket Assy - 12 tooth
104460	. . Bearing - Needle
48737	. . Spacer - Sprocket
48637	Sprocket - 10 tooth
48638	Sprocket - 11 tooth
48639	Sprocket - 12 tooth
66793	Decal - McCulloch powered
66794	Decal - McCulloch
85205	Manual - Kart engine

MC92

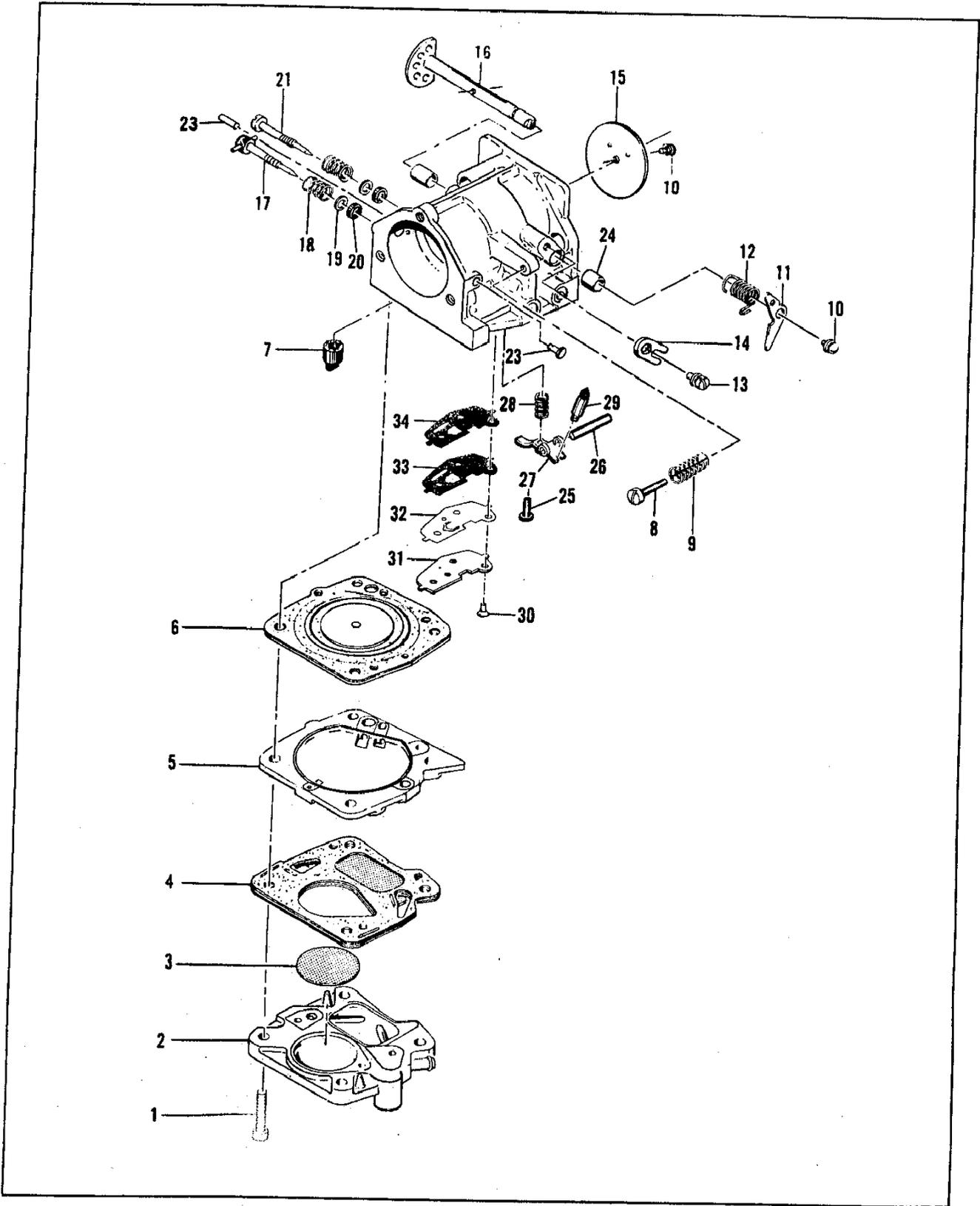


Figure 2. Carburetor Assembly

FIGURE 2. CARBURETOR ASSEMBLY

Item No.	Part Number	Description	Units Per Assy
	91044	Carburetor Assy	1
1	91167	. Screw - Skt hd 10-24 x 1	4
2	84941	. Body - Fuel pump	1
3	48911	. Filter - Fuel	1
4	57274B	. Diaphragm Assy - Fuel pump	1
5	69170	. Plate - Diaphragm	1
6	89888	. Diaphragm - Carburetor	1
7	53766A	. Valve - Check	1
8	55397	. Screw - Idle speed	1
9	51705	. Spring - Idle screw	1
10	104814	. Screw - Pan hd 4-40 x 1/4	2
11	50701A	. Arm - Throttle shaft	1
12	65935	. Spring - Throttle return	1
13	110055	. Screw - Fil hd 8-32 x 3/8	1
14	55082	. Clip - Throttle shaft	1
15	65934	. Plate - Throttle	1
16	65932	. Shaft Assy - Throttle	1
17	84940	. Needle Assy - High speed adjustment	1

Item No.	Part Number	Description	Units Per Assy
18	67502	. Spring - Needle	2
19	52937	. Washer - Packing	2
20	88106	. Ring - Packing	2
21	84939	. Needle - Idle adjustment	1
22	101796	. Pin - Choke plate	1
23	48827	. Plug - Choke shaft bore	2
24	55062A	. Bushing - Body	2
25	104728	. Screw - Lever pin	1
26	104305	. Pin - Lever	1
27	84317	. Lever - Inlet	1
28	57172	. Spring - Lever	1
29	83753	. Needle - Inlet valve	1
30	84942	. Screw - Circuit plate	3
31	84938	. Plate - Circuit	1
32	84944	. Diaphragm - Check valve	1
33	84945	. Gasket - Circuit plate	1
34	84946	. Gasket - Circuit plate	1

MC92

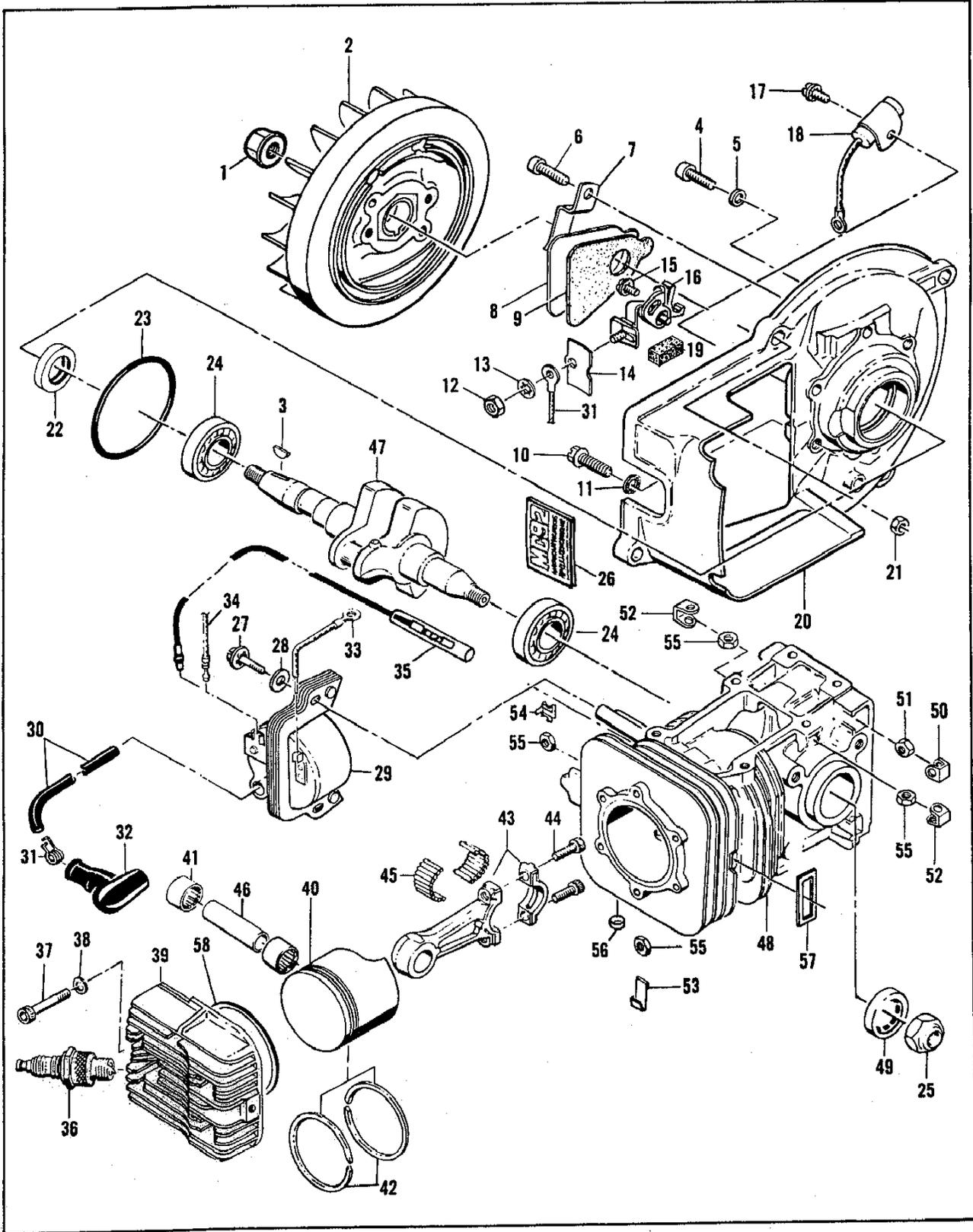


Figure 3. Powerhead Assembly

FIGURE 3. POWERHEAD ASSEMBLY

Item No.	Part Number	Description	Units Per Assy	Item No.	Part Number	Description	Units Per Assy
1	110655	Nut - Hex 7/16-20	1	28	83745	Washer - Special	2
2	68280	Flywheel Assy	1	29	86413	Coil & Lamination Assy	1
3	103878	Key - Woodruff	1	30	50120	Wire Assy - Sparkplug	1
4	110713	Screw - Skt hd 10-24 x 3/4	3	31	55061	Connector	1
5	24236	Washer - Special	3	32	55060	Boot	1
6	110713	Screw - Skt hd 10-24 x 7/8	1	33	101863	Wire Assy - Ground	1
7	50671	Retainer - Breaker box cover	1	34	57225	Wire Assy - Primary	1
8	50588A	Cover - Breaker box	1	35	86131	Wire Assy - Kill switch	1
9	65584	Gasket - Breaker box	1	36	84536	Sparkplug - 14mm - 0.472 reach	1
10	55494	Screw - Assy - Sealing	2	37	104534	Screw - Skt hd 10-24 x 1-13/32	6
11	55492	Washer - Sealing	2	38	24236	Washer - Special	6
12	100251	Nut - Hex 8-32	1	39	89743	Head - Cylinder	1
13	100057	Lockwasher - #8	1	40	68898	Piston Assy	1
14	50381A	Insulator - Breaker terminal	1	41	104519	Bearing - Needle	2
15	103672	Screw - Fil hd 8-32 x 1/2 (SEMS)	1	42	47767	Ring Set - Piston, 2.165 chrome	1
16	88806	Breaker Assy	1	43	47903	Connecting Rod Assy	1
17	103672	Screw - Fil hd 8-32 x 1/2 (SEMS)	1	44	60210A	Screw - Skt hd spcl	2
18	85358	Condenser	1	45	69891	Roller - Needle	24
19	50664	Felt - Breaker box	1	46	69408	Pin - Piston	1
20	57126A	Cover - Crankcase	1	47	91085	Crankshaft	1
21	101326	Nut - Hex 10-24	2	48	91040	Crankcase Assy	1
22	89335	Seal - Oil	1	49	104432	Seal - Oil	1
23	104523	O Ring	1	50	18556A	Retainer - Nut	4
24	100824	Bearing - Ball	2	51	101143	Nut - Hex 1/4-20	4
25	86113	Locknut - Hex 3/8-24 (LH)	1	52	28053	Retainer - Nut	2
26	91078	Nameplate	1	53	57063	Retainer - Nut	4
27	110713	Screw - Skt hd 10-24 x 7/8	2	54	104255	Retainer - Nut	2
				55	101326	Nut - Hex 10-24	8
				56	110885	Plug - Cup	3
				57	83379	Gasket - Muffler	1
				58	91073	Gasket - Cylinder head	1

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The information contained in this Master Illustrated Parts List is based on the original Parts Lists of the manufacturer, engineering records and the Master Parts Price List and such, is accurate to the best of our knowledge.

Each kart engine model gives a code letter. Whenever the code letter appears in the right hand column, the part is used on the engines of the model for which the code letter stands. Where the word (All) appears, this indicates that that particular item number is used on all versions of the engine.

Names of parts have been checked and made to agree with the names given in the Master Parts Price List of McCulloch Racing Corporation, except in a very few cases where additional nomenclature was required.

The illustrations of the individual parts do not necessarily depict all of the differences between parts with the same item number, because the illustrations would be too complicated for use if they did. Instead, the illustration shows a representative part for each item number.



McCULLOCH RACING

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The MC93 Engine is no longer available.
 However, Griffith has most of the replacement parts in this catalog.

MC93 Kart Engine

ILLUSTRATED PARTS LIST

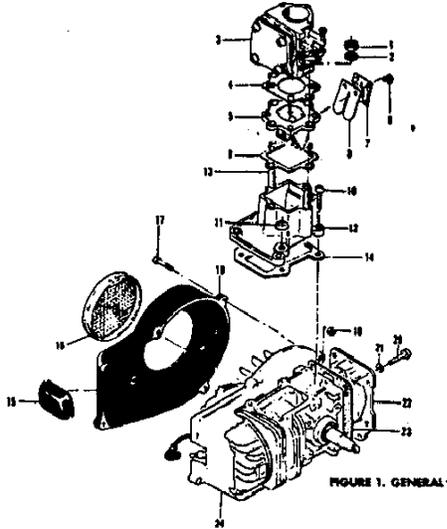


FIGURE 1. GENERAL

Item No.	Part Number	Description	Units Per Assy
1	100248	Nut - Hex 1/4-28	2
2	100153	Lockwasher - 1/4	2
3		Carburetor Assy (See Figure 2)	1
4	65939	Gasket - Carburetor	1
5	88091	Valve Assy - Reed block	1
6	101987	Screw - Rd hd 6-32 x 1/4	4
7	65904	Plate - Clamp	2
8	68074	Valve - Reed	2
9	68894	Gasket - Reed block	1
10	110439	Screw - Skt hd 10-24 x 1	4
11	103744	Washer - Sealing	1
12	68889	Adapter Assy - Carburetor	1
13	47868	Stud - Adapter	2
14	69526	Gasket - Adapter	1
15	86387	Cover Assy - Sparkplug	1
16	87249	Guard - Flywheel	1
17	110439	Screw - Skt hd 10-24 x 1	4
18	101328	Nut - Hex 10-24	2
19	88674	Fan Housing	1
20	105187	Screw - Skt hd 1/4-20 x 1	4
21	13643	Washer - Special	4
22	67254	Cover - Crankcase bottom	1
23	65654	Gasket - Cover	1
24		Power Unit Assy (See Figure 3)	

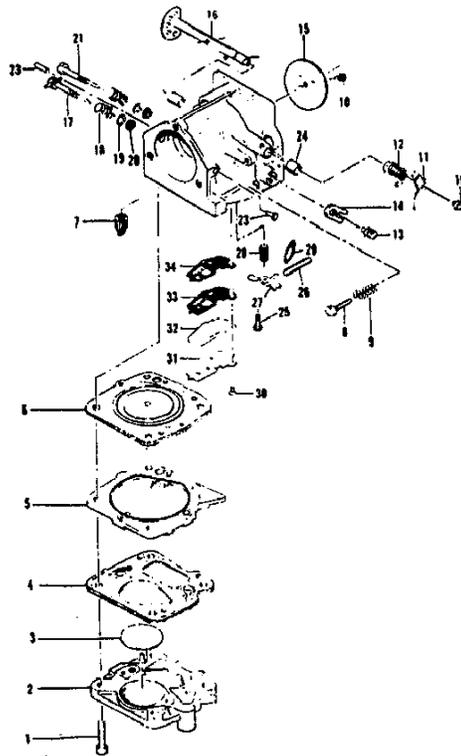


FIGURE 2. CARBURETOR ASSEMBLY

Item No.	Part Number	Description	Units Per Assy
	91044	Carburetor Assy	1
1	91167	Screw - Skt hd 10-24 x 1	4
2	84941	Body - Fuel pump	1
3	48911	Filter - Fuel	1
4	57274B	Diaphragm Assy - Fuel pump	1
5	69170	Plate - Diaphragm	1
6	89888	Diaphragm - Carburetor	1
7	53766A	Valve - Check	1
8	55397	Screw - Idle speed	1
9	51705	Spring - Idle screw	1
10	104814	Screw - Pan hd 4-40 x 1/4	2
11	50701A	Arm - Throttle shaft	1
12	65935	Spring - Throttle return	1
13	110055	Screw - Fil hd 8-32 x 3/8	1
14	55082	Clip - Throttle shaft	1
15	65934	Plate - Throttle	1
16	65932	Shaft Assy - Throttle	1
17	84940	Needle Assy - High speed adjustment	1
18	67502	Spring - Needle	2
19	52937	Washer - Packing	2
20	88106	Ring - Packing	2
21	84939	Needle - Idle adjustment	1
23	48827	Plug - Choke shaft bore	2
24	55062A	Bushing - Body	2
25	104728	Screw - Lever pin	1
26	104305	Pin - Lever	1
27	84317	Lever - Inlet	1
28	57172	Spring - Lever	1
29	83753	Needle - Inlet valve	1
30	84942	Screw - Circuit plate	3
31	84938	Plate - Circuit	1
32	84944	Diaphragm - Check valve	1
33	84945	Gasket - Circuit plate	1
34	84946	Gasket - Circuit plate	1

MC93

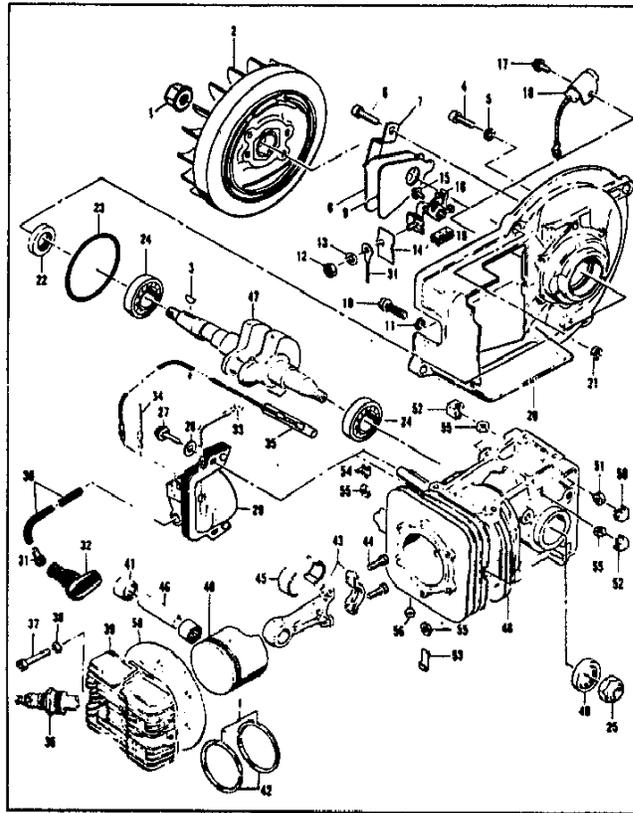


FIGURE 3. POWERHEAD ASSEMBLY

Item No.	Part Number	Description	Units Per Assy.	Item No.	Part Number	Description	Units Per Assy.
1	110635	Nut - Hex 7/16-20	1	28	83745	Washer - Special	2
2	68280	Flywheel Assy.	1	29	86413	Coil & Lamination Assy	1
3	100106	Key - Woodruff	1	30	50120	. Wire Assy - Sparkplug	1
4	110713	Screw - Skt hd 10-24 x 3/4	3	31	55061	. Connector	1
5	24236	Washer - Special 10-24 x 7/8	3	32	55060	. Boot	1
6	110713	Screw - Skt hd 10-24 x 7/8	1	33	101883	. Wire Assy - Ground	1
7	50671	Retainer - Breaker Box Cover	1	34	57225	Wire Assy - Primary	1
8	50588A	Cover - Breaker Box	1	35	86131	Wire Assy - Kill Switch	1
9	65564	Gasket - Breaker Box	1	36	84536	Sparkplug - 14 mm - 0.472 reach	1
10	55494	Screw - Assy - Sealing	2	37	104531	Screw - Skt hd 10-24 x 1-13/32	6
11	55492	. Washer - Sealing	2	38	24236	Washer - Special	6
12	100251	Nut - Hex 8-32	1	39	89743	Head - Cylinder	1
13	100057	Lockwasher - #8	1	40	68898	Piston Assy	1
14	50381A	Insulator - Breaker Terminal	1	41	104519	. Bearing - Needle	2
15	110338	Screw	1	42	47767	Ring Set - Piston, 2.165 Chrome	1
16	88806	Breaker Assy	1	43	47903	Connecting Rod Assy	1
17	110338	Screw	1	44	60210A	. Screw - Skt hd wpc	2
18	85358	Condenser	1	45	60891X	. Roller - Heagle	24
19	50664	Felt - Breaker Box	1	46	69408	Pin - Piston	1
20	57126A	Cover - Crankcase	1	47	91085A	Crankshaft	1
21	101326	. Nut - Hex 10-24	2	48	92909	Crankcase Assy	1
22	89335	. Seal - Oil	1	49	104432	. Seal - Oil	1
23	104521	O Ring	1	50	18556A	. Retainer - Nut	4
24	100824	Bearing - Ball	2	51	101143	. Nut - Hex 1/4-20	4
25	86113	Locknut - Hex 3/8-24 (LN)	1	52	28053	. Retainer - Nut	2
27	110713	Screw - Skt hd 10-24 x 7/8	2	53	57063	. Retainer - Nut	4
				54	104255	. Retainer - Nut	2
				55	101326	. Nut - Hex 10-24	8
				56	110685	. Plug - Cup	3
				58	65577	. Gasket - Cylinder hd	1

ACCESSORIES

68899	Piston Assy, 2.170	89134	Ring Set - Piston, Steel, 2.185
68897	Piston Assy, 2.175	89135	Ring Set - Piston, Steel, 2.195
87940	Piston Assy, 2.185	90390	Mod Assy - Con, Shot Peened
87938	Piston Assy, 2.195	84498	Head - Cyl, high compression
66790	Ring Set - Piston, Chrome, 2.170	82137	Manifold Assy - Sloper
47768	Ring Set - Piston, Chrome, 2.175	86356	Kit - Carburetor Choke
87935	Ring Set - Piston, Chrome, 2.185	86419	Guide - Timing
87934	Ring Set - Piston, Chrome, 2.185	48711D	Kit - Rewind Starter
89286	Ring Set - Piston, Steel, 2.165	83205	Kit - Piston Pin & Bearing Tool
89132	Ring Set - Piston, Steel, 2.170	85205	Manual - Kart Engine
89133	Ring Set - Piston, Steel, 2.175		

ENGINES & PARTS

MC93 Kart Engine

Item No.	Part Number	Description	Units Per Assy.
1	100248	Nut-Hex 1/4-28	2
2	100153	Lockwasher - 1/4	2
3		Carburetor Assy (See Figure 2)	1
4	65939	Gasket - Carburetor	1
5	68091	Valve Assy - Reed Block	1
6	101987	Screw - Rd hd 6-32 x 1/4	4
7	65904	Plate - Clamp	2
8	68074	Valve - Reed	2
9	68894	Gasket - Reed block	1
10	110439	Screw - Skt hd 10-24x1	4
11	103744	Washer - Sealing	1
12	68889	Adapter Assy-Carb	1
13	47868	Stud - Adapter	2
14	69526	Gasket - Adapter	1
15	86387	Cover Assy - Sparkplug	1
16	87249	Guard - Flywheel	1
17	110439	Screw - Skt hd 10-24x1	4
18	101326	Nut - Hex 10-24	2
19	86674	Fan Housing	1
20	105187	Screw - Skt Hd 1/4-20x1	4
21	12643	Washer - Special	4
22	67254	Cover-Crankcase bott	1
23	65654	Gasket - Cover	1
24		Power Unit Assy (see Figure 3)	1

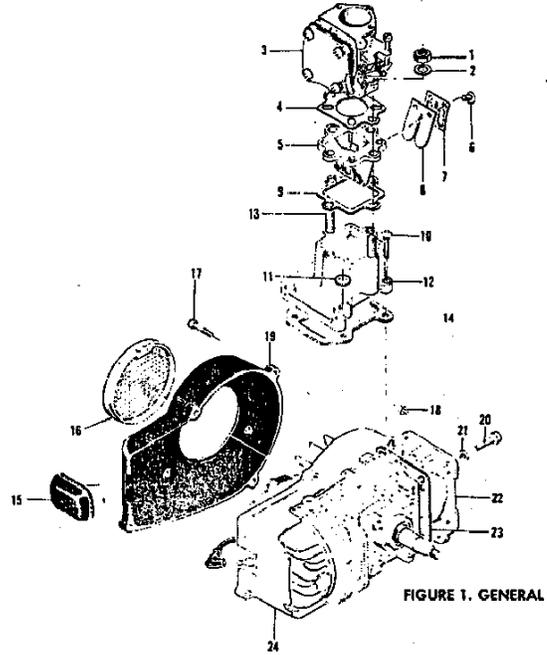


FIGURE 1. GENERAL

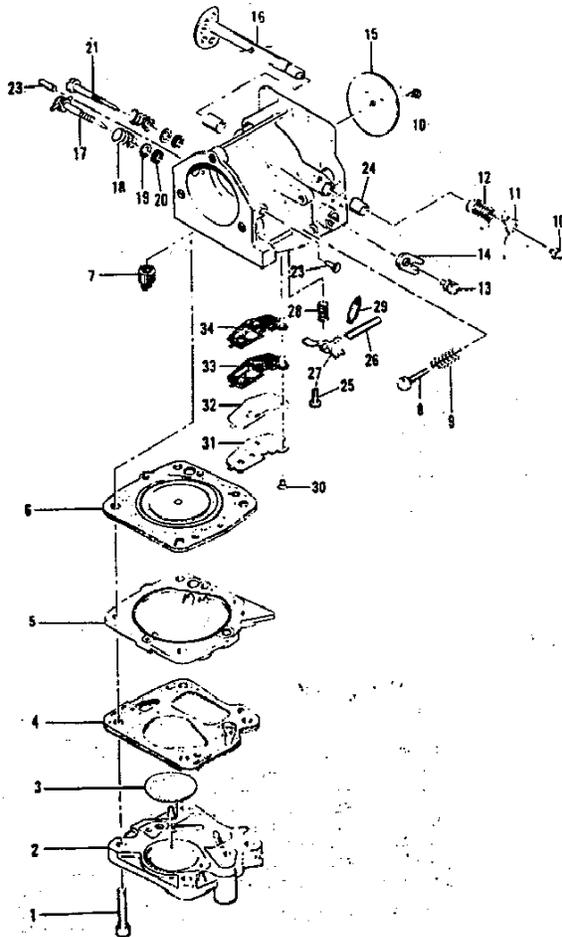


FIGURE 2. CARBURETOR ASSEMBLY

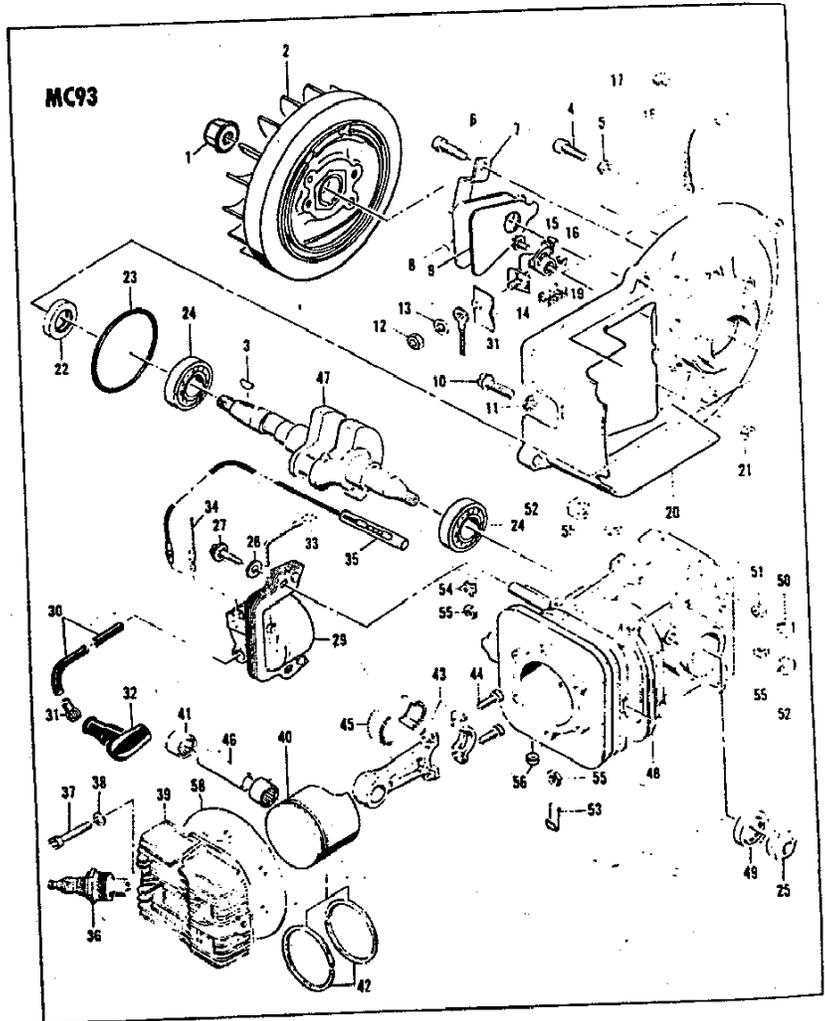
Item Number	Part Number	Description	Units Per Assy.
1	91044	Carburetor Assy	1
2	91167	Screw-Skt hd 10-24x1	4
3	84941	Body-Fuel pump	1
4	48911	Filter-Fuel	1
5	57274B	Diaphragm Assy. Fuel pump	1
6	69170	Plate-Diaphragm	1
7	89888	Diaphragm-Carburetor	1
8	53766A	Valve-Check	1
9	55397	Screw-Idle speed	1
10	51705	Spring-Idle screw	1
11	104814	Screw-Pan hd 4-40x1/4	2
12	50701A	Arm-Throttle shaft	1
13	65935	Spring-Throttle return	1
14	110055	Screw-Fil hd 8-32x3/8	1
15	55082	Clip-Throttle shaft	1
16	65934	Plate-Throttle	1
17	65932	Shaft Assy-Throttle	1
18	84940	Needle Assy-high speed adjustment	1
19	67502	Spring-Needle	2
20	52937	Washer-Packing	2
21	88106	Ring-Packing	2
22	84939	Needle-Idle adjustment	1
23	48827	Plug-Choke shaft bore	2
24	55062A	Bushing-Body	2
25	104728	Screw-Lever pin	1
26	104305	Pin-Lever	1
27	84317	Lever-Inlet	1
28	57172	Spring-Lever	1
29	83753	Needle-Inlet valve	1
30	84942	Screw-Circuit plate	1
31	84938	Plate-Circuit	1
32	84944	Diaphragm-Check valve	1
33	84945	Gasket- Circuit plate	1
34	84946	Gasket-Circuit plate	1

ENGINES & PARTS

MC93 Kart Engine

Item No.	Part Number	Description	Units Per Assy.
1	110655	Nut - Hex 7/16-20	1
2	68280	Flywheel Assy.	1
3	100106	Key - Woodruff	1
4	110713	Screw - Skt hd 10-24 x 3/4	3
5	24236	Washer - Special	3
6	110713	Screw - Skt hd 10-24 x 7/8	1
7	50671	Retainer - Breaker Box Cover	1
8	50588A	Cover - Breaker Box	1
9	65584	Gasket - Breaker Box	1
10	55494	Screw - Assy - Sealing	2
11	55492	Washer - Sealing	2
12	100251	Nut - Hex 8-32	1
13	100057	Lockwasher - #8	1
14	50381A	Insulator - Breaker Terminal	1
15	110338	Screw	1
16	88806	Breaker Assy	1
17	110338	Screw	1
18	85358	Condenser	1
19	50664	Felt - Breaker Box	1
20	57126A	Cover - Crankcase	1
21	101326	Nut - Hex 10-24	2
22	89335	Seal - Oil	1
23	104523	O Ring	1
24	100824	Bearing - Ball	2
25	86113	Locknut - Hex 3/8-24 (LH)	1
27	110713	Screw - Skt hd 10-24 x 7/8	2
28	83745	Washer - Special	2
29	86413	Coil & Lamination Assy	1
30	50120	Wire Assy - Sparkplug	1
31	55061	Connector	1
32	55060	Boot	1
33	101883	Wire Assy - Ground	1
34	57225	Wire Assy - Primary	1
35	86131	Wire Assy - Kill Switch	1
36	84536	Sparkplug - 14 mm - 0.472 reach	1
37	104534	Screw - Skt hd 10-24 x 1-13/32	6
38	24236	Washer - Special	6
39	89743	Head - Cylinder	1
40	68898	Piston Assy	1
41	104519	Bearing - Needle	2
42	47767	Ring Set - Piston, 2.165 Chrome	1
43	47903	Connecting Rod Assy	1
44	60210A	Screw - Skt hd spcl	2
45	69891X	Roller - Needle	24
46	69408	Pin - Piston	1
47	91085A	Crankshaft	1
48	92909	Crankcase Assy	1
49	104432	Seal - Oil	1
50	18556A	Retainer - Nut	4
51	101143	Nut - Hex 1/4-20	4
52	28053	Retainer - Nut	2
53	57063	Retainer - Nut	4
54	104255	Retainer - Nut	2
55	101326	Nut - Hex 10-24	8
56	110685	Plug - Cup	3
58	65577	Gasket - Cylinder hd	1

Figure 3. Powerhead Assembly



ACCESSORIES

68899	Piston Assy, 2.170	89134	Ring Set - Piston, Steel, 2.185
68897	Piston Assy, 2.175	89135	Ring Set - Piston, Steel, 2.195
87940	Piston Assy, 2.185	90390	Rod Assy - Con, Shot Peened
87938	Piston Assy, 2.195	84498	Head - Cyl, high compression
66790	Ring Set - Piston, Chrome, 2.170	88137	Manifold Assy - Sloper
47768	Ring Set - Piston, Chrome, 2.175	86356	Kit - Carburetor Choke
87935	Ring Set - Piston, Chrome, 2.185	86419	Guide - Timing
87934	Ring Set - Piston, Chrome, 2.195	48711D	Kit - Rewind Starter
89286	Ring Set - Piston, Steel, 2.165	83205	Kit - Piston Pin & Bearing Tool
89132	Ring Set - Piston, Steel, 2.170	85205	Manual - Kart Engine
89133	Ring Set - Piston, Steel, 2.175		