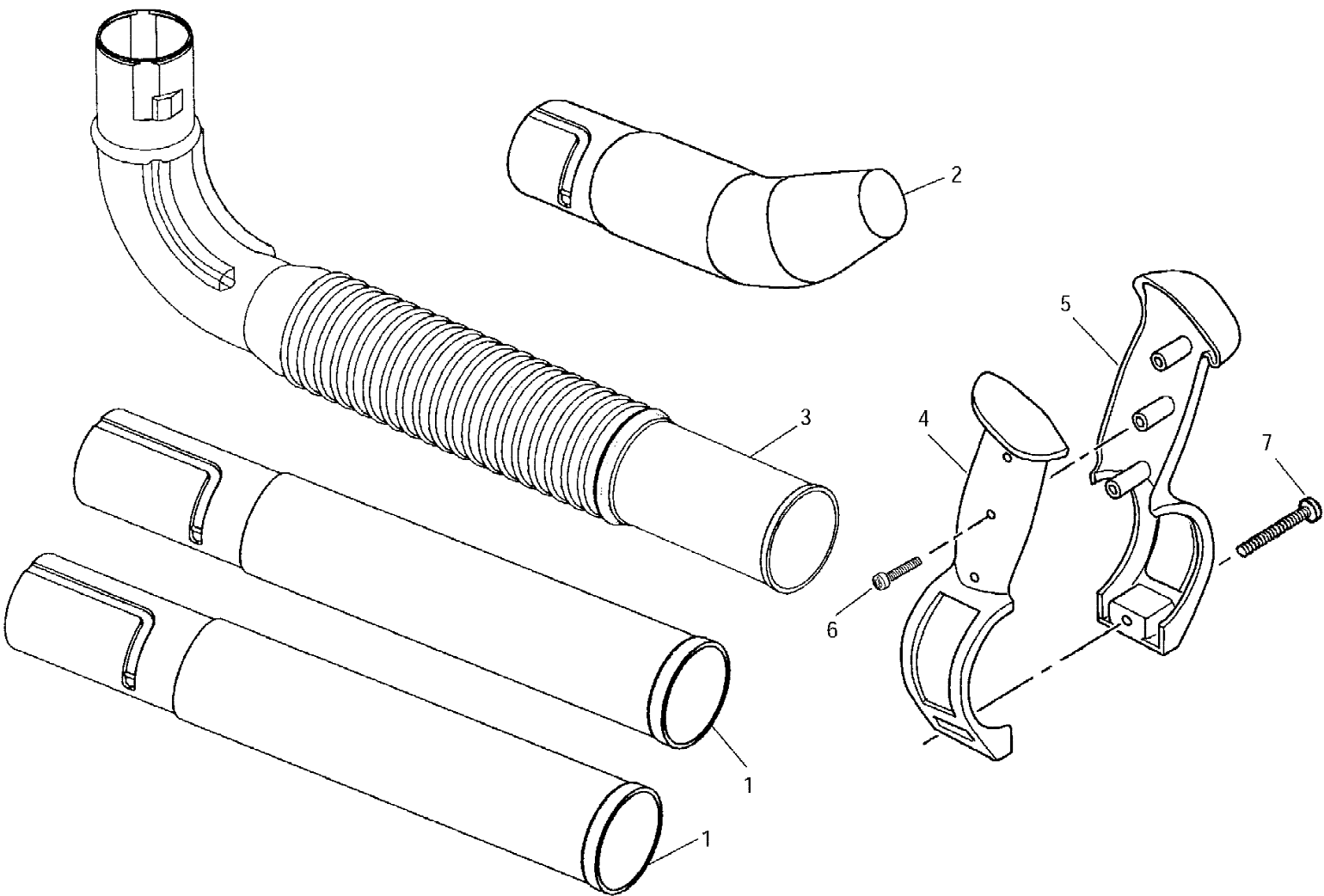
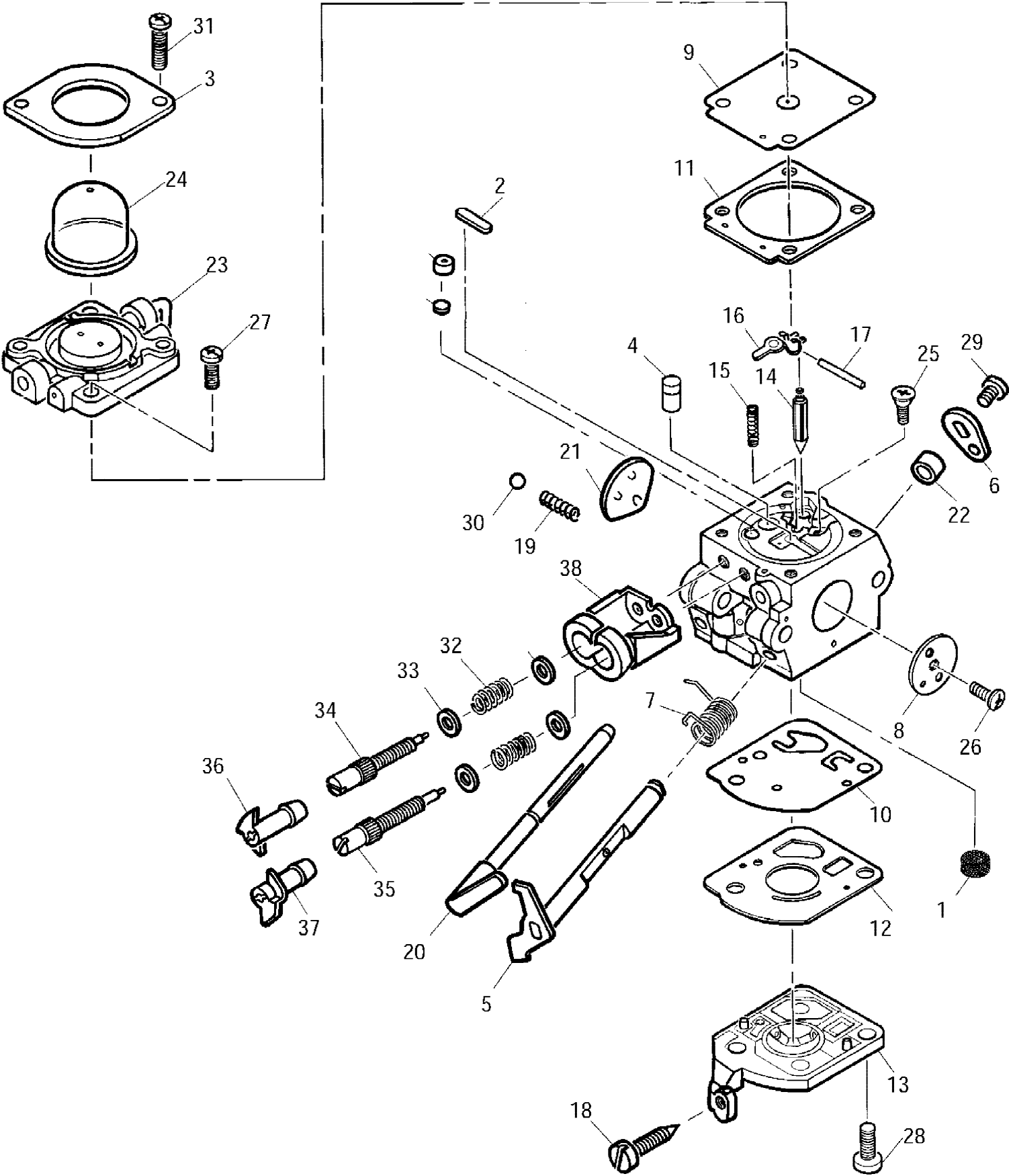
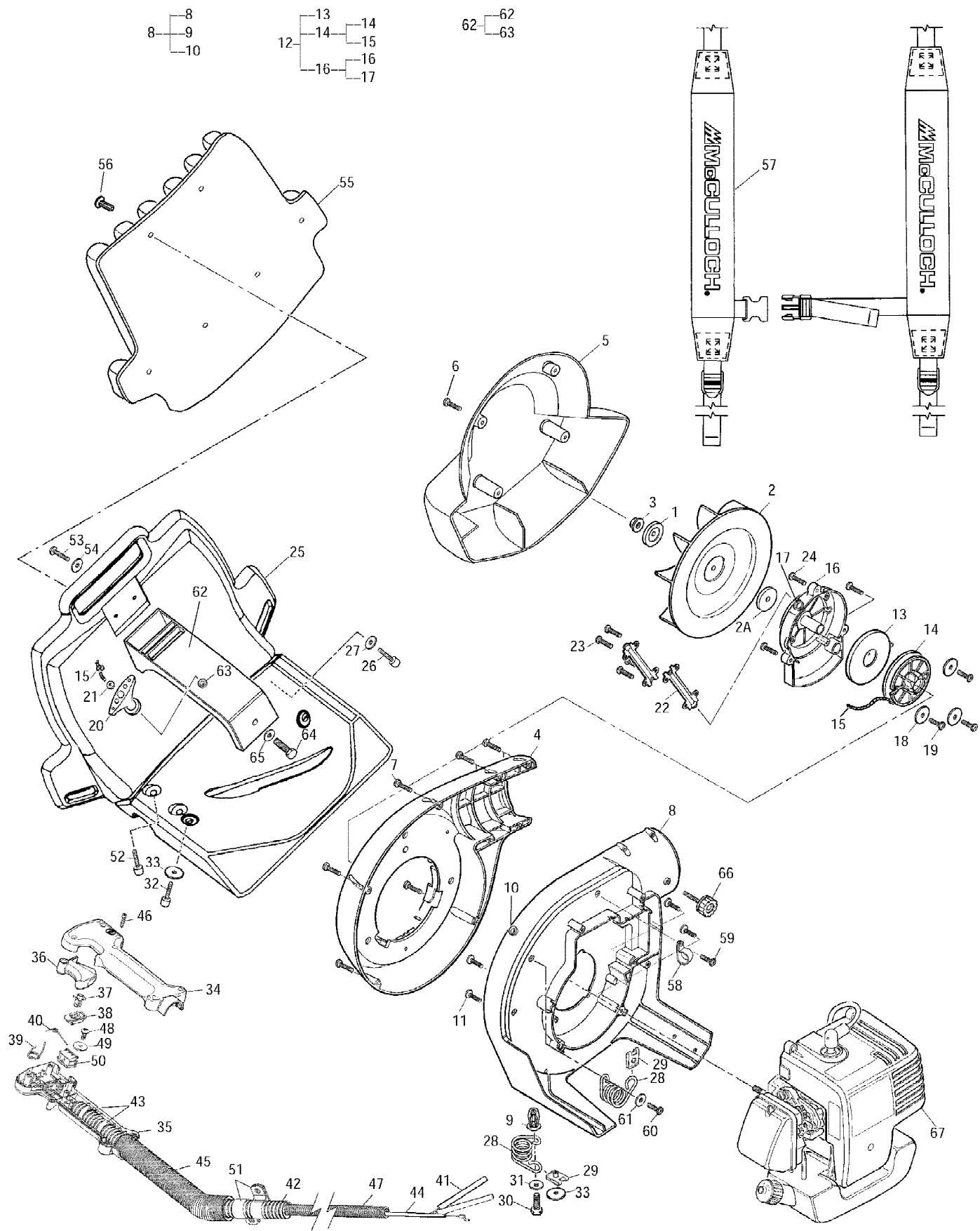




Ref #	Part Number	Qty	S/P/F	Description
1	MC-324221-00	2	S	Tube, Air
2	MC-324222-00	1	S	Nozzle, Concentator Outlet
3	MC-324220-00	1	S	Elbow, Flex Tube
4	MC-324223-00	1	S	Handle, Tube, RH
5	MC-324224-00	1	S	Handle, Tube, LH
6	MC-111061-00	3	/P	Screw, 6-19x.62Fl Hd Plast
7	MC-111179-00	1	S	Screw, 12-14x1.5 Torx

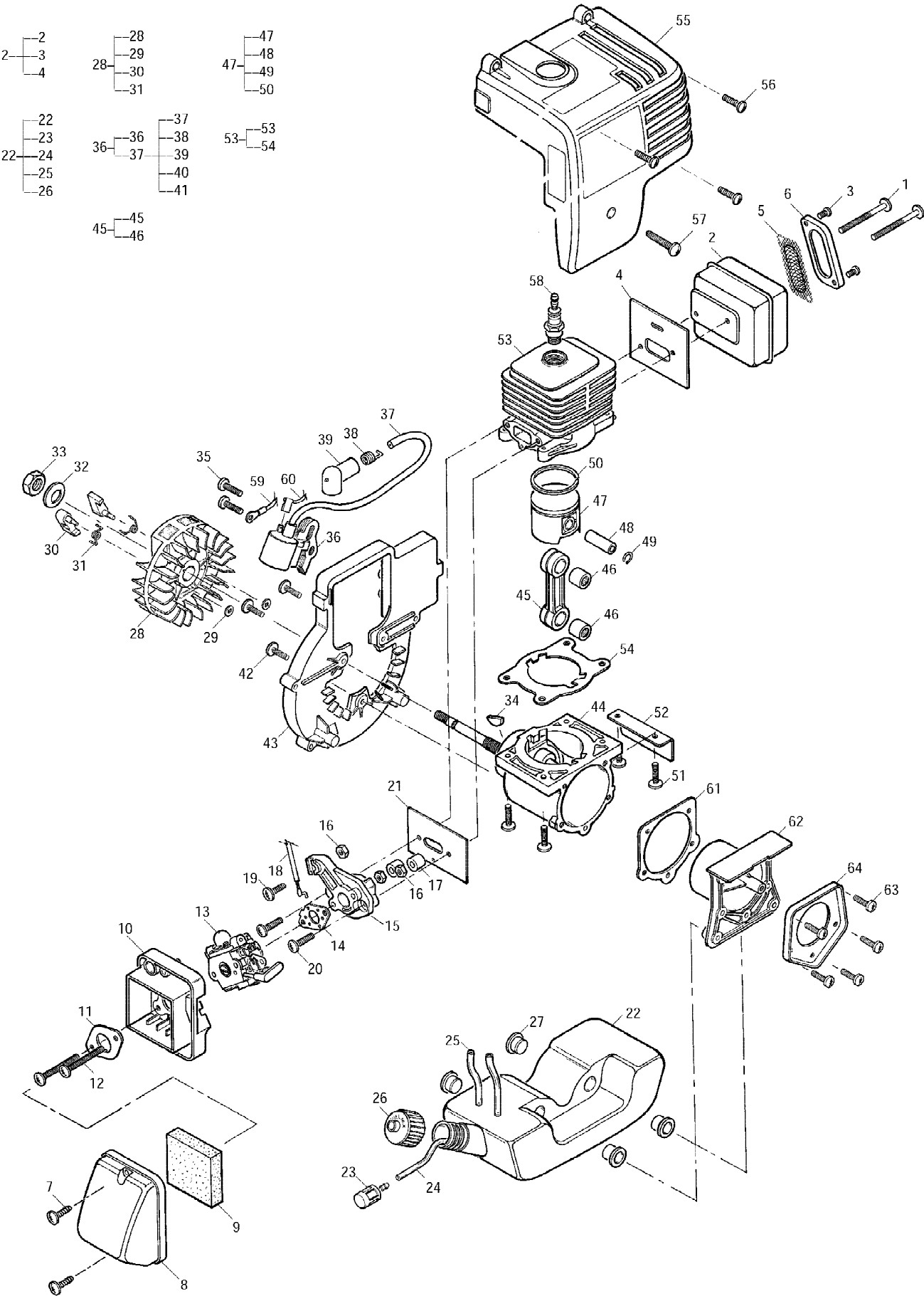


Ref #	Part Number	Qty	S/P/F	Description
	MC-322410-01	1	/P	Carburetor - Zama C1U-M35A
1		1		Strainer 224711 Kit, Major Repair (RB-29)
2		1		Plug, Welch 224711 Kit, Major Repair (RB-29)
3		1		Retainer, Prime
4		1		Nozzle Asy, Check Valve
5		1		Shaft Asy, Throttle
6		1		Lever, Throttle
7		1		Spring, Throttle Return
8		1		Valve, Throttle
9		1		Diaphragm Asy, Metering 224711 Kit, Major Repair (RB-29); 300472 Kit, Gasket/Diaphragm (GND-12)
10		1		Diaphragm, Pump 224711 Kit, Major Repair (RB-29); 300472 Kit, Gasket/Diaphragm (GND-12)
11		1		Gasket, Metering Chamber 224711 Kit, Major Repair (RB-29); 300472 Kit, Gasket/Diaphragm (GND-12)
12		1		Gasket, Pump 224711 Kit, Major Repair (RB-29); 300472 Kit, Gasket/Diaphragm (GND-12)
13		1		Cover, Pump
14		1		Valve, Inlet Needle 224711 Kit, Major Repair (RB-29)
15		1		Spring, Metering Lever 224711 Kit, Major Repair (RB-29)
16		1		Lever, Metering 224711 Kit, Major Repair (RB-29)
17		1		Pin 224711 Kit, Major Repair (RB-29)
18		1		Screw, Throttle Adjust
19		1		Spring, Friction
20		1		Shaft Asy, Choke
21		1		Valve, Choke
22		1		Collar
23		1		Base Asy, Primer
24	MC-223756-00	1	S	Primer Bulb
25		1		Screw, Pin
26		1		Screw, Throttle Valve
27		2		Screw, Metering Cover
28		2		Screw, Pump Cover
29		1		Screw, Throttle Lever
30		1		Ball, Steel
31		2		Screw, Retainer
32		1		Spring, Adjust Screw
33		1		Washer, Limiter
34		1		Screw, Hi Speed
35		1		Screw, Low Speed
36	MC-111216-00	1		Limiter Cap, High, 2-Stg Red
37	MC-111217-00	1		Limiter Cap, Low, 2-Stg Nat
38		1		Retainer, Limiter



Ref #	Part Number	Qty	S/P/F	Description
1	MC-218655-00	1	S	Disc, Drive
2	MC-540002-00	1	S	Kit, Impellar, Blower
2A	MC-9122-320001	1	/P	Disc, Drive
3	MC-110961-00	1	S	Nut, Hx 5/16-24
4	MC-324834-60	1		Outer Housing
5	MC-324214-00	1	/P	Cover, Air Inlet
6	MC-300294-00	7	S	Screw, 8-16 x .75 Tr Hd Plastite
7	MC-300294-00	8	S	Screw, 8-16 x .75 Tr Hd Plastite
8	MC-302868-00	1		Inner Housing Asy
9		2		Captive Nut
10		1		Rope Guide
11	MC-111067-00	4	S	Screw, 10-24 x .63 SI Torx Tp
12	MC-300795-00	1	S	Starter Housing Asy
13	MC-300475-00	1	S	Spring/Starter Rewind
14	MC-300872-00	1	/P	Drum Rope Asy
15	MC-323131-00	1	S	Rope, Starter 46"
16	MC-224710-00	1	/P	Kit, Starter Housing
17		1		Rope Guide
18	MC-322176-00	3	S/F	Washer, .2 ID x 7/8 in. OD
19	MC-300294-00	3	S/F	Screw, 8-16 x .75 Tr Hd Plastite
20	MC-216792-00	1	/P	Handle, Starter
21	MC-218941-00	1	S	Washer, Nylon
22	MC-322435-00	2	/P	Cover, Rope
23	MC-300294-00	4	S	Screw, 8-16 x .75 Tr Hd Plastite
24	MC-300294-00	3	S	Screw, 8-16 x .75 Tr Hd Plastite
25	MC-324201-00	1	S	Frame, Back
26	MC-100882-00	4	S	Screw, Hx 1/4-20x.75
27	MC-110990-00	4	S	Washer, .275x.680x.060
28	MC-324218-00	3	S	Spring, Isolator
29	MC-111306-00	3	S	Nut, 1/4-20 Type U
30	MC-100882-00	2	S	Screw, Hx 1/4-20x.75
31	MC-216646-00	2	S	Washer, PI .250 ID
32	MC-217943-00	2	S	Screw, Skt 1/4x20x1.0T
33	MC-110990-00	4	S	Washer, .275x.68x.06
34	MC-324204-00	1	/P	Housing, Control RH
35	MC-324205-00	1	S	Housing, Control LH
36	MC-324206-00	1	/P	Trigger, Throttle
37	MC-324207-00	1	/P	Knob, Lock
38	MC-324213-00	1		Pin, Lock
39	MC-111302-00	1	S	Spring, Trigger
40	MC-111303-00	1	S	Spring, Lock
41	MC-324212-00	2	S	Wire Asy, Terminal
42	MC-324208-00	1	S	Housing, Flex
43	MC-324209-00	2	S	Clamp, Band
44	MC-324211-00	1	S	Cable, Throttle
45	MC-324210-00	1	/P	Sleeve, Flex, 22mm
46	MC-111061-00	6	/P	Screw, 6-19x.62FI Hd Plast
47	MC-324217-00	1		Sleeve, Flex, 9mm
48	MC-218643-00	1	S	Screw, Tr 8-16x.5 Torx
49	MC-300297-00	1	S	Washer, .19 ID x .68 OD
50	MC-323429-00	1	S	Switch, Rocker
51	MC-324219-00	2	S	Clamp, Arm
52	MC-100882-00	2	S	Screw, Hx 1/4-20x.75

Ref #	Part Number	Qty	S/P/F	Description
53	MC-218644-00	2	S	Screw, Tr 10-14x.75 Torx
54	MC-100352-00	2	S	Washer, 10 PI
55	MC-324202-00	1	S	Cushion, Back
56	MC-111304-00	6	S	Rivet, Ribbed 14.5
57	MC-324203-00	1	S	Harness, Torso
58	MC-324225-00	1	/P	Clamp, Cable 9/16
59	MC-300294-00	1	S	Screw, 8-16x.75 Tr Hd Plast
60	MC-218644-00	1	S	Screw, Tr 10-14x.75 Torx
61	MC-93469-00	1	S	Washer, .469 OD - .222 ID
62	MC-302867-00	1		Bracket, Isolator, Upper
63		1		Guide, Rope
64	MC-100882-00	1	S	Screw, Hx 1/4-20x.75
65	MC-216646-00	1	S	Washer, PI .25 ID
66	MC-302746-00	1		Knob, Screw Asy
67		1		Powerhead Asy See "Powerhead Assembly"



Ref #	Part Number	Qty	S/P/F	Description
1	MC-111159-00	2	S	Screw, 10-24x2.25 Taptite
2	MC-224707-00	1	/P	Kit, Muffler
3		2		Screw
4	MC-322420-01	1	S	Plate, Muffler
5	MC-322413-00	1	/P	Screen, Spark Arrester
6	MC-322414-90	1	/P	Cover, Spark Arrester
7	MC-300294-00	2	S	Screw, 8-16 x .75 Tr Hd Plastite
8	MC-322429-61	1	S	Cover, Air Box
9	MC-224239-00	1	S	Filter, Air
10	MC-322436-61	1	S	Box, Air Filter
11	MC-322425-90	1	/P	Plate, Air Box
12	MC-218083-00	2	S	Screw, 10-24 x 2 Torx
13		1		Carburetor Assembly See "Carburetor Assembly"
14	MC-218933-00	1	S	Gasket, Carburetor
15	MC-322434-00	1	S	Manifold, Carburetor
16	MC-218315-00	3	S	Nut, 10-24
17	MC-322188-00	2	S	Spacer, Rubber
18	MC-322409-00	1	S	Cable, Throttle
19	MC-111226-00	1	S	Screw, 10-24 x .62 Tr Hd Torx
20	MC-111203-00	2		Screw, 10-24 x .875 Taptite
21	MC-323912-00	1	S	Gasket, Manifold
22	MC-224207-00	1		Fuel Tank Asy
23	MC-216985-00	1	S	Filter, Fuel
24	MC-225162-00	1	S	Hose, Fuel
25	MC-225163-00	1	S	Hose, Fuel Return
26	MC-223508-00	1	S	Kit, Fuel Cap w/Retainer
27	MC-322105-00	4	S	Isolator, Fuel Tank
28	MC-301352-01	1	/P	Flywheel Asy
29	MC-550001-00	2		Pawl Kit
29		2		Retainer Ring
30		2		Pawl, Starter
31		2		Spring, Starter Pawl
32	MC-111205-00	1	S	Washer, Conical Spring
33	MC-111085-00	1	S	Nut
34	MC-102164-00	1	S	Key, Flywheel
35	MC-111203-00	2		Screw, 10-24 x .875 Taptite
36	MC-302138-00	1	S	Ignition Asy
37	MC-223884-00	1	S	Kit, Spark Plug Wire
38	MC-102556-00	1		Connector, Spark
39	MC-95266-00	1		Boot, Spark Plug
40	MC-215533-01	1	S	Grommet, H/T Lead, Split Not Shown - Not used on this model
41	MC-110995-00	1		Grommet, S/Plug Wire Not Shown - Not used on this model
42	MC-111067-00	3	S	Screw, 10-24 x .63
43	MC-322396-00	1	S	Shroud, Engine
44	MC-224713-00	1	S	Short Block Asy
		1		C'case Asy
		1		C'shaft Asy
		1		Bearing 6202
		1		Bearing 6202RS
		1		Seal

Ref #	Part Number	Qty	S/P/F	Description
45		1		Connecting Rod Asy
46		2		Bearing
47		1		Kit, Piston, 32cc
48		1		Piston Pin, C'shaft
49		1		Ring, Retaining
50		1		Ring, Piston
51	MC-111065-00	4	S	Screw, 10-24 x .688 Tri Rnd
52	MC-322426-90	1	S	Shield, Muffler
53		1		Kit, Cylinder/Gasket, 32cc
54	MC-224022-00	1	S	Gasket, Cylinder
55	MC-322432-61	1	S	Cover, Cylinder/Muffler
56	MC-300294-00	3	S	Screw, 8-16 x .75 Tr Hd Plastite
57	MC-218644-00	1	S	Screw, 10-14 x .75 Torx
58	MC-92879-00	1	S	Spark Plug, RDJ8J
59	MC-302057-00	1	S	Wire Asy, Ground
60	MC-302058-00	1	S	Wire Asy, Stop Switch
61	MC-224023-00	1	S	Gasket, C'case
62	MC-224024-01	1	S	Plug, C'case
63	MC-111065-00	5	S	Screw, 10-24 x .688 Tri Rnd
64	MC-322437-90	1	/P	Plate, C'case

SPECIFICATIONS	
Engine Type	Air-cooled, two cycle, single cylinder
Displacement	32.4cc (2.0 ci)
Idle RPM	3000 - 3500
Compression after 10 pulls, throttle full open	90 lb/sq.in.
Ignition	Solid State / Electronic
Flywheel to Ignition Gap	0.007 to 0.012 in. (0.178 to 0.304mm)
Spark Plug	RDJ8J or DJ8J
Spark Plug Gap	0.025 in. (0.63mm)
Fuel Tank Capacity	24 oz (71 cl)
Running Time	60 minutes
Air Volume	425 CFM
Air Velocity	180 MPH
Fuel to Oil Ratio	40:1 with McCulloch Custom Lubricant
Dry Weight	15.5 lbs (5.7 kg)
Carburetor	Diaphragm with Choke and Primer
Starter Cord	Nylon, Type 3.5, Length 46 in. (117cm)

TORQUE SPECIFICATIONS

DESCRIPTION	FASTENER	QTY	FIG/ITEM NO.	TORQUE (in. lbs)	LOCTITE
Muffler to Cylinder	111159 10-24 x 2.25 Taptite	2	1 / 1	55 - 60	272
Air Cover to Air Box	300294 8-16 x .75 Plastite	2	1 / 7	15 - 20	--
Air Box Plate to Carb Manifold	218083 10-24 x 2	2	1 / 12	25 - 35	--
Throttle cable to Carb Manifold	111226 10-24 x 6.25	1	1 / 19	15 - 20	242
Carb Manifold to Cylinder	111203 10-24 x .875	2	1 / 20	55 - 60	--
Flywheel to Crankshaft	111085 7/16 - 20 Hex Nut	1	1 / 33	170 - 180	272
Ignition Module to Eng Shroud	111203 10-24 x .875	2	1 / 35	45 - 50	272
Engine Shroud to C'case	111067 10-24 x .625 Taptite	3	1 / 42	55 - 60	272
C'case to Cylinder	111065 10-24 x .688	4	1 / 51	55 - 60	272
Cylinder Cover to Inner Housing	300294 8-16 x .75 Plastite	3	1 / 56	15 - 20	--
Cylinder Cover to C'case	218644 10 - 14 x .750 Plastite	1	1 / 57	15 - 20	--
Spark Plug	92879 RDJ8J (DJ8J)	1	1 / 58	140 - 150	--
C'case Plate to C'case	111065 10-24 x .688 Taptite	4	1 / 63	40 - 45	272
Washer to Impeller	110961 5/16 Hex Nut	1	2 / 3	60 - 80	--
Outer Housing to Inner Housing	300294 8-16 x .75 Plastite	8	2 / 7	15 - 20	--
Rope Cover to Inner Housing	300294 8-16 x .75 Plastite	4	2 / 23	15 - 20	--
Starter Housing to Inner Housing	300294 8-16 x .75 Plastite	3	2 / 24	15 - 20	--