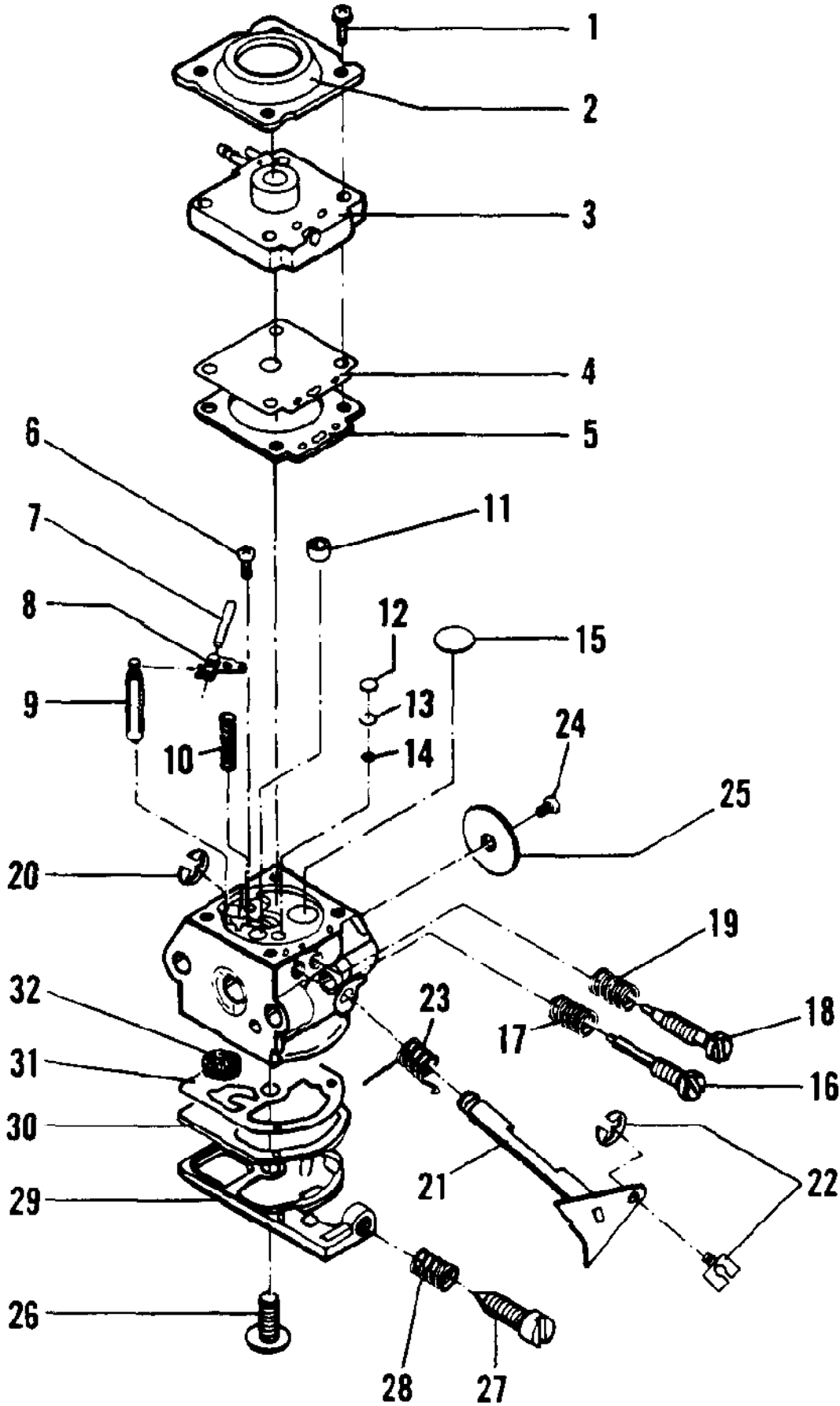
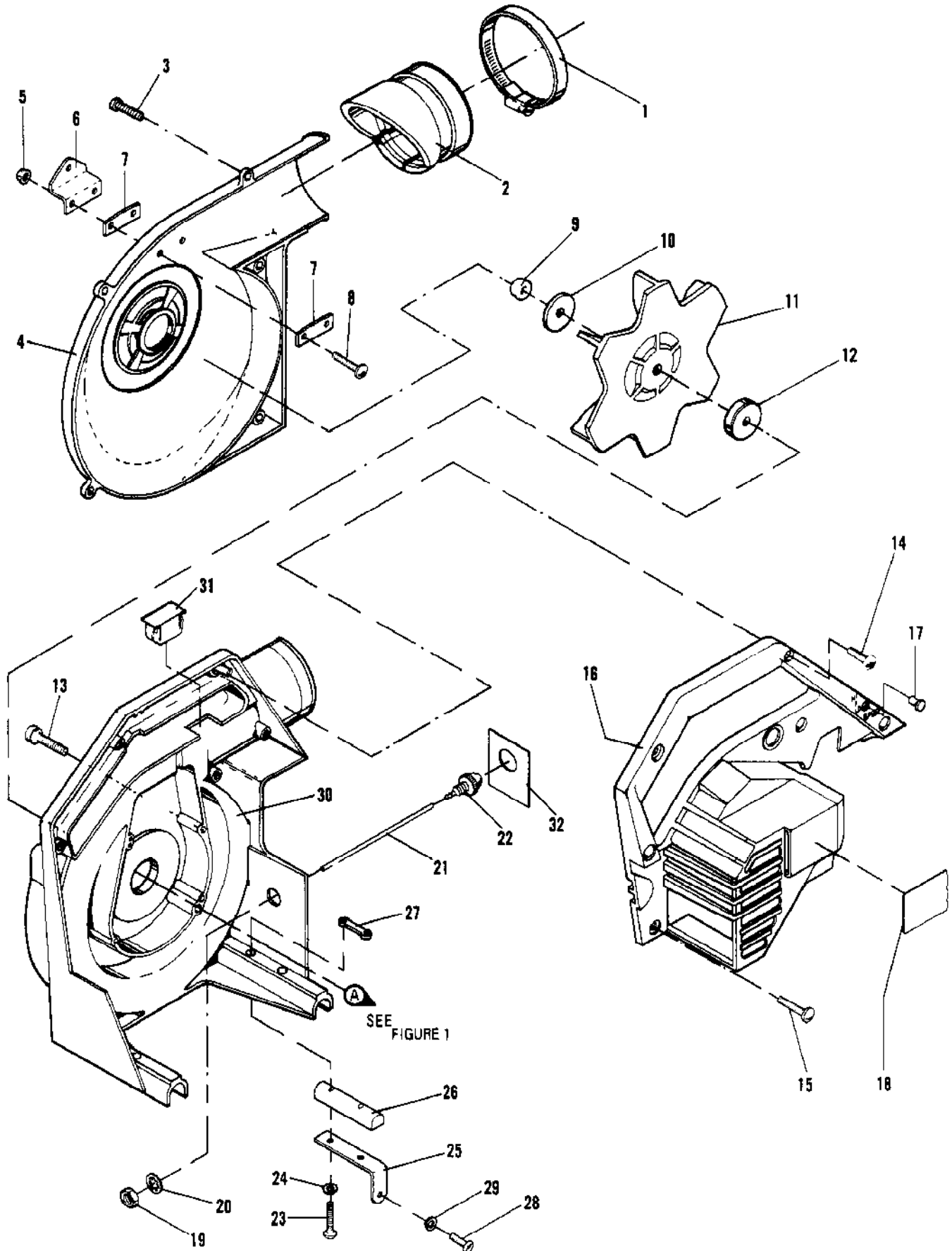


Ref #	Part Number	Qty	Description
1	219883	4	Screw - Plastite (15 - 20 in. lb. torque)
2	236760	1	Clamp - Control Arm
3	219891	1	Spring - Arm
4	219842	1	Mount - Control Arm
5	219898	1	Arm/Throttle - Control
6	218328	2	Plug - Tubing
7	216027	1	Screw - M5 x 28.5 (7 - 11 in. lb. torque)
8	217159	1	Nut - Hex M5
9	215317	1	Housing - Trigger
10	215318	1	Trigger - Throttle
11	110706	1	Screw - 8-18 x 1/2 (11 - 16 in. lb. torque)
12	215320	1	Contact - Switch
13	215319	1	Base - Switch
14	68846	1	Button - Stop Switch
15	215323	1	Guide - Wiring
16	215322	1	Grip - Control Arm
17	216372	1	Harness - Wiring/Cable
18	219889	1	Pin - Roll
19	219840	1	Tubing - Control Arm
20	217403	2	Nut - M6 (18 - 27 in. lb. torque)
21	216596	2	Arm - Throttle
22	219881	4	Screw - 10-24 x 1.69
23	216649	4	Nut - Lock (25 - 35 in. lb. torque)
24	110882	4	Washer - Flat
25	219838	2	Bracket - Antivibration Mount
26	100152	2	Nut - 1/4 x 20 (20 - 30 in. lb. torque)
27	100311	2	Washer - Flat
28	219878	2	Mount - Antivibration
29	219888	6	Rivet - Pad
30	219879	1	Pad - Back Pack
31	219882	1	Screw - 1 1/4 x 20 Torx (20 - 30 in. lb. torque)
32	105043	1	Washer - Lock
33	100311	1	Washer - Flat
34	219878	1	Mount - Antivibration
35	216649	1	Nut - Lock (25 - 35 in. lb. torque)
36	110882	1	Washer - Flat
37	219881	1	Screw - 10-24 x .625 (25 - 35 in. lb. torque)
38	219843	1	Hanger - Strap
39	222207	2	Strap - Shoulder (Mc Culloch)
	222208	2	Strap - Shoulder (Eager Beaver)
40	219597	1	Frame - Back Pack
41	218841	1	Nozzle - Fishtail
42	219841	2	Tube - Straight (Male Thread)
43	219173-01	1	Tube - Straight (Female Thread)
44	219833	1	Tube - Convoluted
45	219832	1	Tube - Elbow 90
46	219172	2	Clamp - Tube



Ref #	Part Number	Qty	Description
	219894		Carburetor - Walbro M-78
1		4	Screw - Metering Cover Not available separately.
2		1	Cover - Metering Diaphragm Not available separately.
3		1	Body - Air Purge Not available separately.
4		1	Diaphragm Asy - Metering Not available separately.
5		1	Gasket - Metering Diaphragm Not available separately.
6		1	Screw - Metering Lever Pin Not available separately.
7		1	Pin - Metering Lever Not available separately.
8		1	Lever - Metering Not available separately.
9		1	Valve - Inlet Needle Not available separately.
10		1	Spring - Metering Lever Not available separately.
11		1	Seat Asy - Check Valve Not available separately.
12		1	Plug - Welch Not available separately.
13		1	Ring - Screen Retainer Not available separately.
14		1	Screen - Check Valve Not available separately.
15		1	Plug - Welch Not available separately.
16		1	Needle - High Speed Not available separately.
17		1	Spring - High Speed Needle Not available separately.
18		1	Needle - Low Speed Not available separately.
19		1	Spring - Low Speed Needle Not available separately.
20		1	Ring - Shaft Retainer Not available separately.
21		1	Shaft Asy - Throttle Not available separately.
22		1	Swivel Asy Not available separately.
23		1	Spring - Throttle Return Not available separately.
24		1	Screw - Shutter Not available separately.
25		1	Shutter - Throttle Not available separately.
26		1	Screw - Pump Cover Not available separately.
27		1	Screw - Idle Adjustment Not available separately.
28		1	Spring - Idle Adj Not available separately.
29		1	Cover - Fuel Pump Not available separately.
30		1	Gasket - Fuel Pump Not available separately.
31		1	Diaphragm - Fuel Pump Not available separately.
32		1	Screen - Fuel Inlet Not available separately.
	222329		Major Repair Kit
	222330		Gasket/Diaphragm Kit

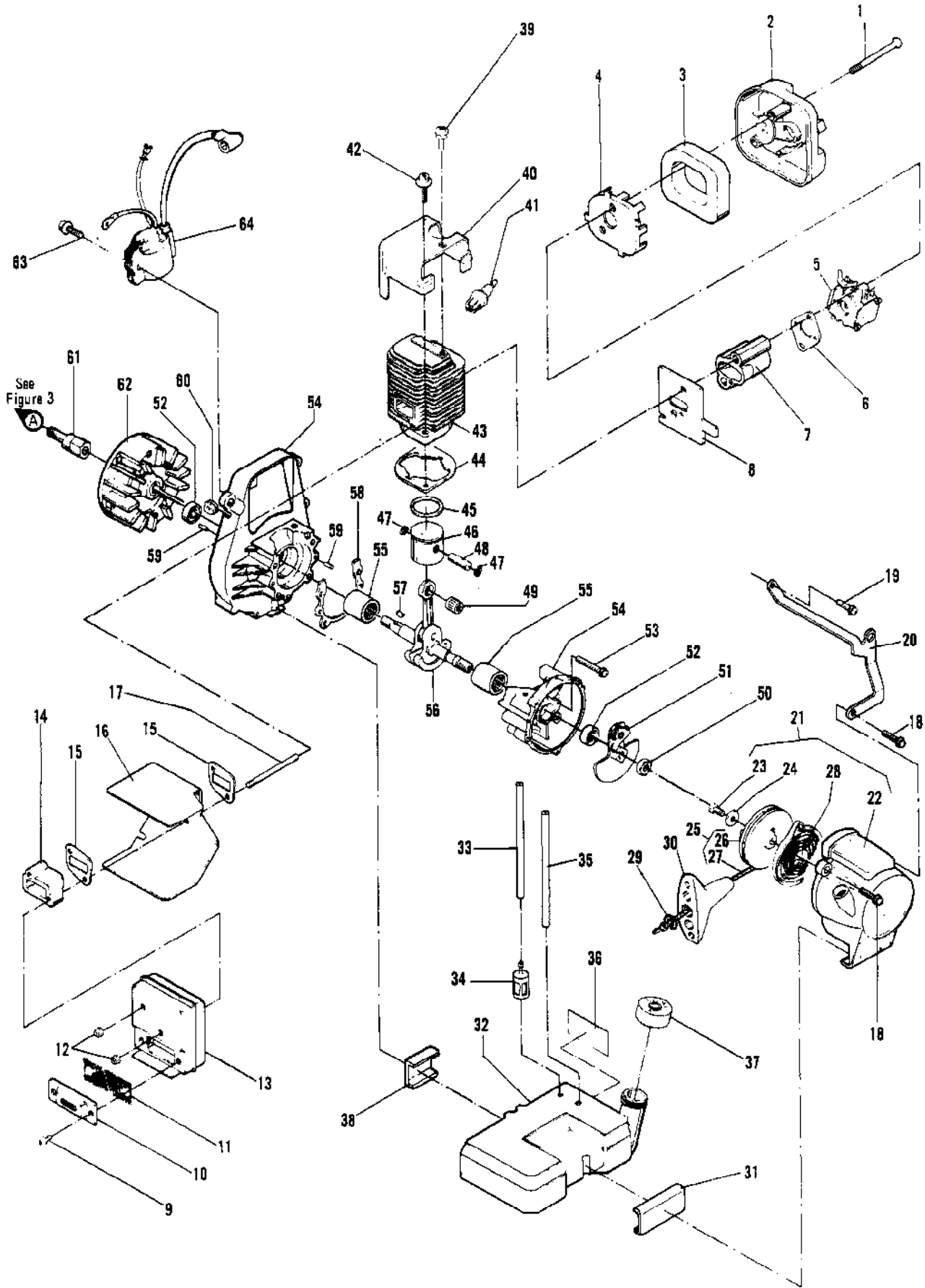


Ref #	Part Number	Qty	Description
1	219172	1	Clamp - Adaptor
2	219174	1	Adaptor Tube
3	218644	5	Screw - 10-14 x .75 Torx (35 - 45 in. lb. torque)
4	219892	1	Housing - Outer
5	216649	2	Nut - Lock 10-24 (25 - 35 in. lb. torque)
6	219834	1	Bracket - Upper
7	219835	2	Plate - Bracket
8	219881	2	Screw - Torx 10-24 x .62 (25 - 35 in. lb. torque)
9	216645	1	Nut - Flange M8 (90 - 100 in.lb. torque)
10	218656	1	Washer - Impeller
11	219207	1	Impeller
12	218655	1	Disc - Drive
13	216022	4	Screw - M4 x 21.4 Torx (40 - 50 in. lb. torque)
14	219954	1	Screw - 8-18 x .75 (35 - 45 in. lb. torque)
15	218644	5	Screw - 10-14 x .75 Torx (35 - 45 in. lb. torque)
16	219946	1	Shroud - Engine
17		1	Plug - Hole Not available separately.
18	219977	1	Decal - Warning
19	219970	1	Nut - Primer (13 - 18 in. lb. torque)
20	219969	1	Washer - Primer
21	219902	1	Hose - Primer
22	219968	1	Body Asy - Primer
23	217937	4	Screw - 10-24 x 1 (25 - 35 in. lb. torque)
24	103174	4	Washer - Lock
25	219837	2	Bracket - Lower
26	219836	2	Spacer
27	218117	2	Plate - Nut
28	219880	2	Screw (20 - 30 in. lb. torque)
29	105043	1	Washer - Lock
30	219896	1	Housing - Inner
31	219903	1	Cover - Switch Hole
32	219980	1	Decal - Primer

No
Diagram
Available

Parts List
Only

Ref #	Part Number	Qty	Description
	93770		Case 6 Oz. Cans
	85707		Case 16 Oz. Cans
	85709		Case 1 Qt. Bottles



Ref #	Part Number	Qty	Description
1	219246	2	Screw - M5 x 84.5 (18 - 26 in. lb. torque)
2	219098	1	Cover Asy - Choke
3	219145	1	Filter - Air
4	219144	1	Box - Air
5		1	Carburetor Assembly See "Carburetor Assembly" illustration and parts list.
6	218919	1	Gasket - Carburetor
7	219171	1	Insulator - Carburetor
8	218918	1	Gasket/Shield - Insulator
9	216025	2	Screw - M4 x 8 Torx (13 - 17 in. lb. torque)
10	218553	1	Outlet - Muffler
11	215516	1	Screen - Spark Arrestor
12	217275	2	Nut - Flange M-5 (32 - 51 in. lb. torque)
13	218651	1	Muffler Asy
14	218632	1	Spacer - Muffler
15	218920	2	Gasket - Muffler
16	218652	1	Shield - Muffler
17	218631	2	Stud - M5 x 79 (40 - 51 in. lb. torque)
18	216022	3	Screw - M4 x 23.4 (13 - 16 in. lb. torque)
19	213177	1	Screw - M4 x 18.5 Torx (12 - 16 in. lb. torque)
20	219884	1	Bracket - Cable
21	219590	1	Starter Asy
22	219588	1	Housing - Starter
23	215874	1	Screw - M4 x 9.5 Torx (17 - 22 in. lb. torque)
24	216590	1	Washer - M4 Flat
25	216092	1	Drum/Rope Asy
26	215770	1	Drum - Starter
27	216093	1	Rope - Starter
28	217482	1	Spring - Starter
29	218941	1	Washer - Nylon
30	216792	1	Handle - Starter
31	217382	1	Cushion - Fuel Tank
32	219901	1	Fuel Tank/Hose Asy
33	219899	1	Hose - Fuel
34	216985	1	Pickup - Fuel
35	219897	1	Hose - Fuel Return
36	217383	1	Decal - 40:1
37	216346	1	Cap - Fuel
38	217390	1	Cushion - Fuel Tank
39	213178	1	Screw - M5 x 8.5 Torx (15 - 25 in. lb. torque)
40	218586	1	Cover - Cylinder
41	62345	1	Spark Plug (109 - 135 in. lb. torque)
42	217320	2	Screw - M6 x 18 Torx (72 - 83 in. lb. torque)
43	219084	1	Cylinder/Gasket Kit
44	215542	1	Gasket
45	217475	1	Ring - Piston
46	218264	1	Piston
47	111026	2	Ring - Snap
48	218275	1	Pin - Wrist
49	110984	1	Bearing - Needle
50	216583	1	Nut - M8 (156 - 171 in. lb. torque)
51	215525	1	Ratchet Asy (Hand Tighten Only)
52	83859	2	Seal - Oil
53	213179	4	Screw - M5 x 28.5 (32 - 42 in. lb. torque)
54	218185	1	Crankcase Asy

Ref #	Part Number	Qty	Description
55	213282	2	Bearing - Crankshaft
56	218106	1	Crankshaft/Con Rod Asy
57	102164	1	Key - Flywheel
58	215545	1	Gasket - Crankcase
59	213191	4	Pin
60	215541	1	Grommet
61	218654	1	Extension - Shaft (150 - 168 in. lb. torque)
62	219951	1	Flywheel
63	216022	2	Screw - M4 x 23.40 (13 - 16 in. lb. torque)
64	217439	1	Ignition