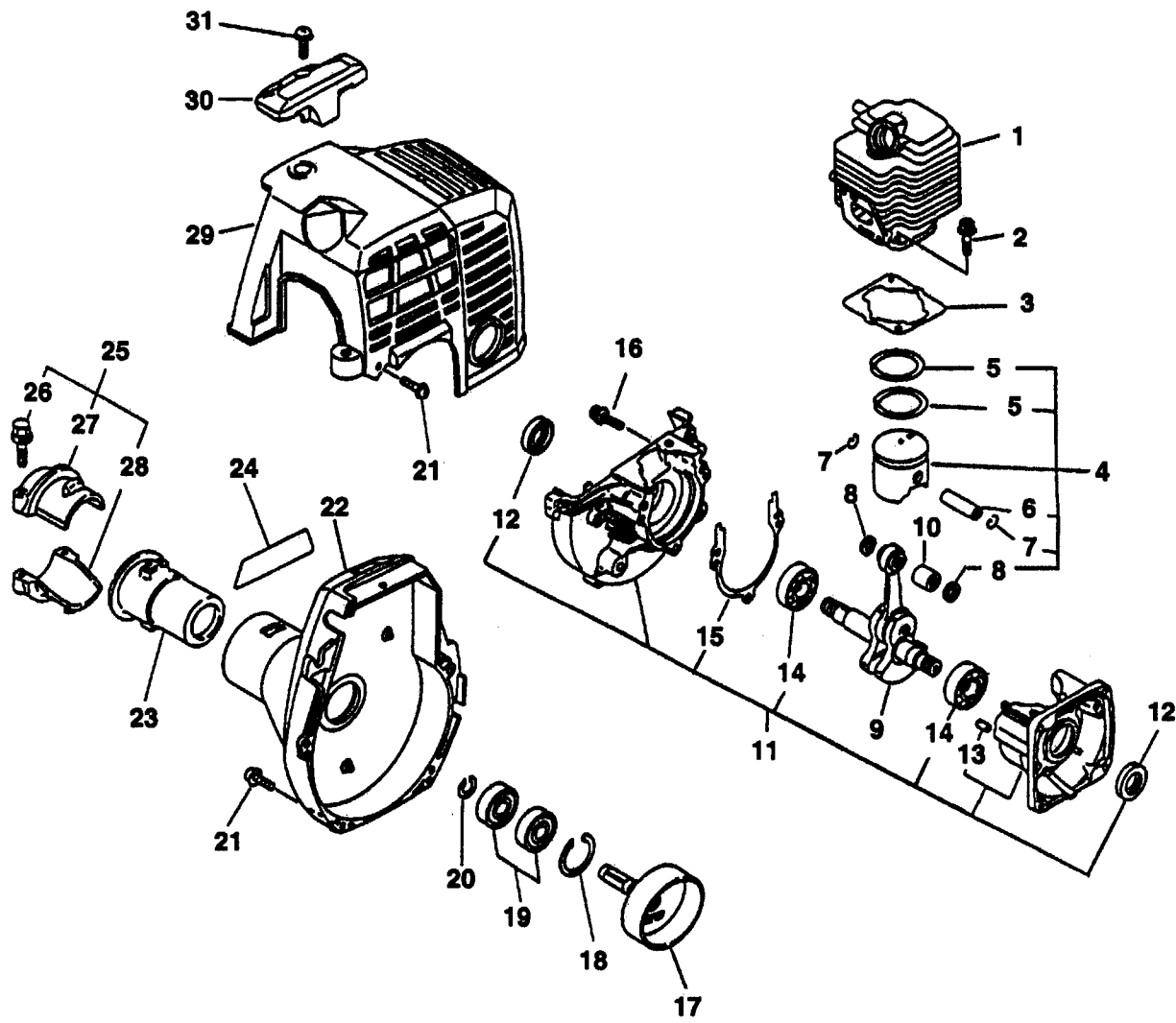




PRO ATTACHMENT SERIES™
PARTS CATALOG
MODEL PAS-2100
TYPE 1E
SERIAL NUMBER 001001 AND UP

ECHO, INCORPORATED
400 OAKWOOD ROAD
LAKE ZURICH, IL 60047

99922203018
12/98



ENGINE/INTERNAL, EXTERNAL, CRANKCASE, FAN HOUSING, CYLINDER COVER PAS-2100 TYPE 1E

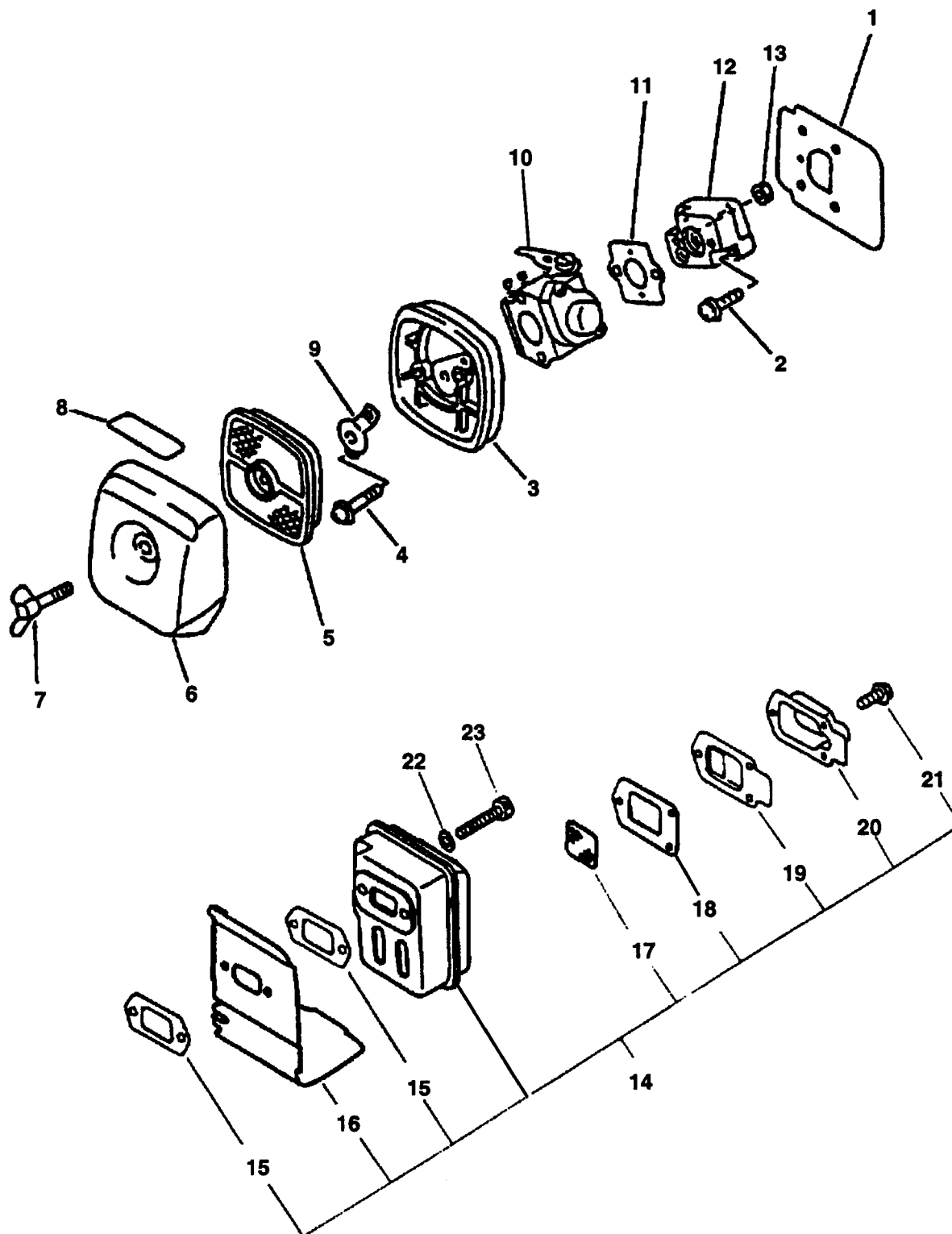
KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	10101106562	1	CYLINDER	
2	90016205022	2	BOLT, H.S. 5X22	
3	10101044332	1	GASKET, CYLINDER BASE	INCLUDED IN KIT 88900042031
4	10000048732	1	PISTON KIT	INCLUDES ITEMS 5- 8
5	10001105330	2	RING, PISTON	
6	10001311520	1	PIN, PISTON	
7	10001504630	2	CIRCLIP, PISTON PIN	
8	10001411520	2	SPACER, PISTON PIN	
9	-----	1	CRANKSHAFT	USE SB 1026
10	10001251230	1	BEARING, NEEDLE	
11	-----	1	CRANKCASE KIT	USE SB1026
12	10021242030	2	OILSEAL	
13	10021503930	2	PIN, DOWEL	
14	90081036201	2	BEARING, BALL 6201	
15	-----	1	GASKET, CRANKCASE	INCLUDED IN KIT 88900042031
16	90016205028	3	BOLT 5X28	
17	17500548930	1	DRUM, CLUTCH	
18	90070200028	1	CIRCLIP 28	
19	90080796001	2	BEARING, BALL 6001	
20	90070100012	1	CIRCLIP 12	
21	90016204016	6	BOLT 4X16	
22	10150352131	1	COVER ASY, FAN	
23	61091055230	1	CUSHION	
24	89011266030	1	LABEL, MODEL	
25	61090355230	1	HOLDER KIT	INCLUDES ITEMS 26-28
26	90014205025	2	BOLT 5X25	
27	61092227432	1	HOLDER	
28	61092355230	1	HOLDER	
29	10151448930	1	COVER, CYLINDER	
30	15991254130	1	GUARD, TOP	
31	90023805016	1	SCREW 5X16	

ENGINE REPOWER

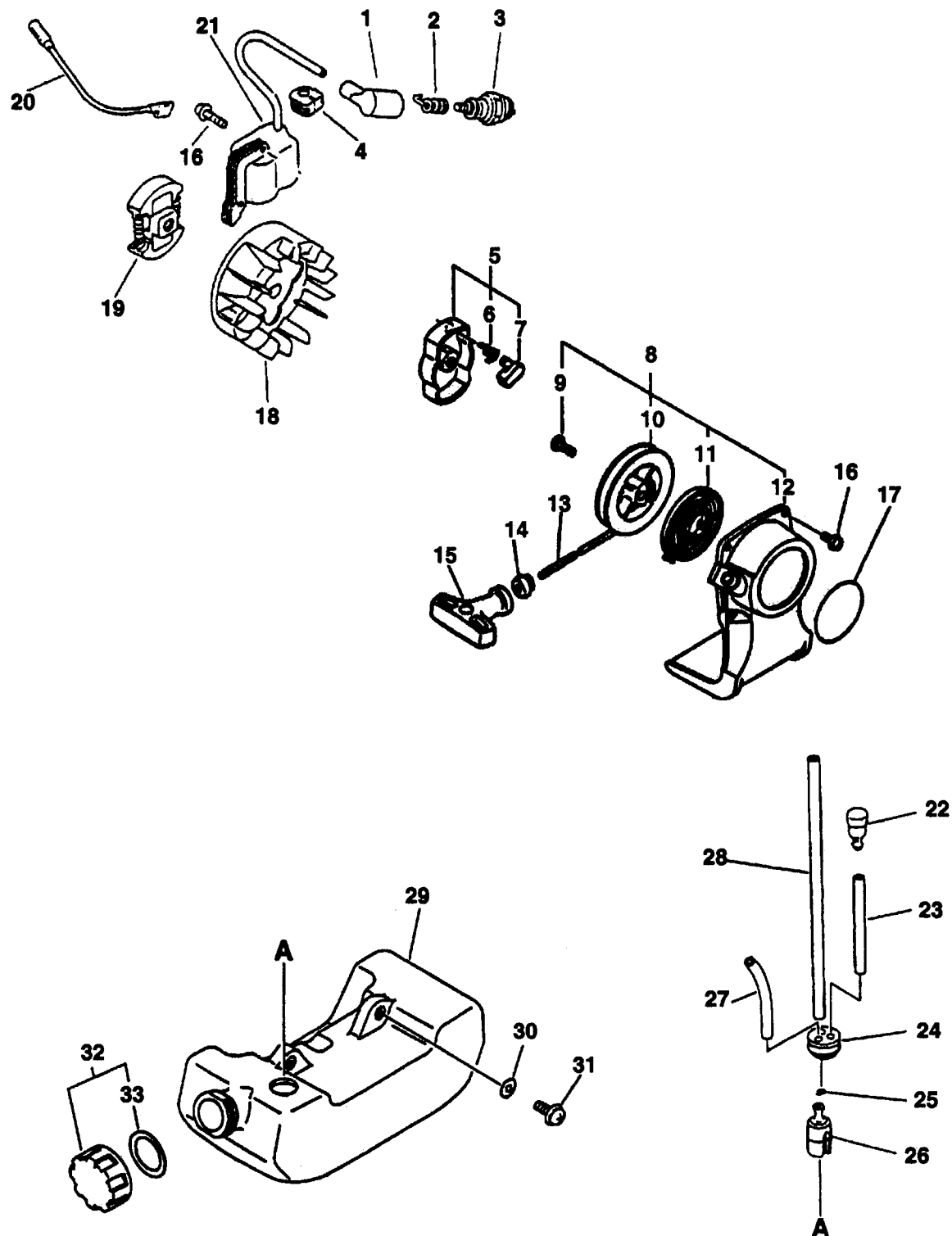
SB1026	1	SHORT BLOCK	INCLUDES FACTORY ASSEMBLED CYLINDER, CRANKCASE, PISTON, CRANKSHAFT, BEARINGS & SEALS
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OPTIONAL

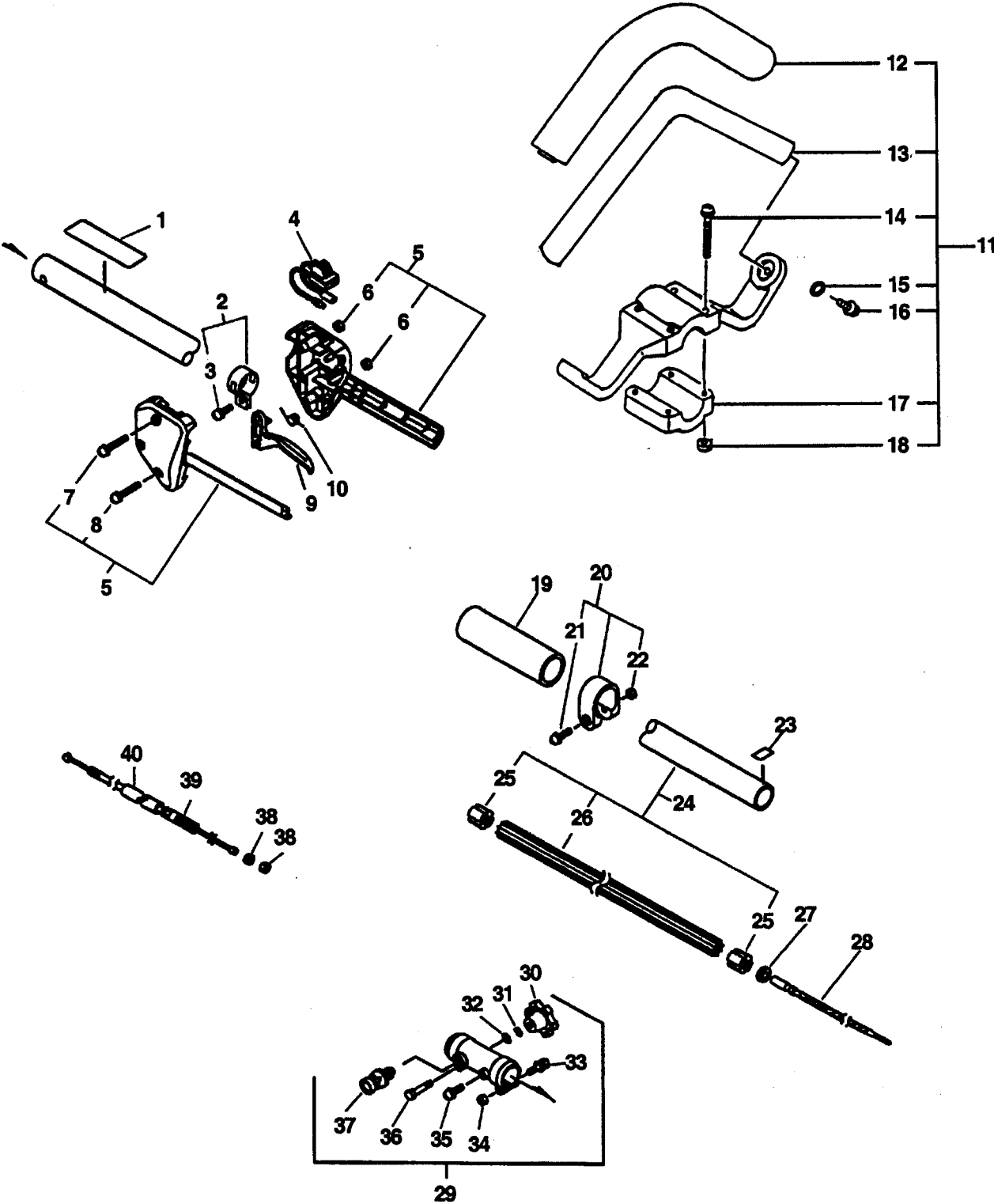
88900042031	1	GASKET KIT	INCLUDES THE FOLLOWING
10101044332	1	GASKET, CYLINDER BASE	
	1	GASKET, CRANKCASE	
13001042032	1	GASKET, INTAKE	
13001642031	1	GASKET, INTAKE	
14551042031	2	GASKET, MUFFLER	
14586642031	1	GASKET, MUFFLER LID	



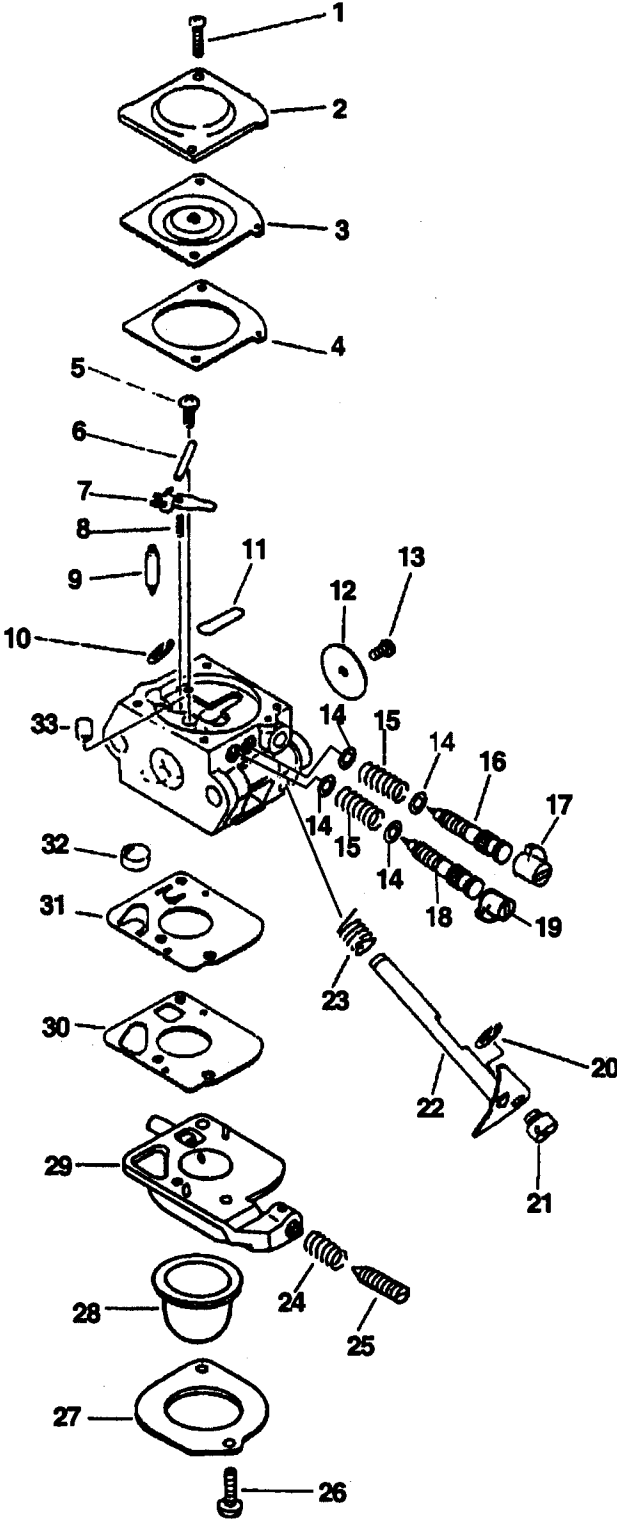
KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	13001042032	1	GASKET, INTAKE	INCLUDED IN KIT 88900042031
2	90023805020	2	SCREW 5X20	
3	13030706561	1	CASE, AIR CLEANER	
4	90024205065	2	SCREW 5X65	
5	13031054130	1	FILTER, AIR H.D.	INCLUDED IN KIT 90008
6	13031306563	1	LID, AIR CLEANER	
7	21041752730	1	BOLT, WING	
8	89012106360	1	LABEL, CHOKE	
9	12901152730	1	PLATE, PREVENT	
10	12520013312	1	CARBURETOR C1U-K52	
11	13001642031	1	GASKET, INTAKE	INCLUDED IN KIT 88900042031
12	13001742031	1	INSULATOR	
13	90050000005	2	NUT 5	
14	14580054130	1	MUFFLER ASY	INCLUDES ITEMS 15-21
15	14551042031	2	GASKET, MUFFLER	INCLUDED IN KIT 88900042031
16	14587144331	1	COVER, MUFFLER	
17	14586240630	1	SCREEN, MUFFLER	
18	14586642031	1	GASKET, MUFFLER LID	INCLUDED IN KIT 88900042031
19	14587642030	1	LID, MUFFLER	
20	14586354130	1	GUIDE, EXHAUST	
21	90023804010	3	SCREW 4X10	
22	90060000005	2	WASHER 5	
23	90010505055	2	BOLT 5X55	



KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	15901201620	1	CAP, SPARK PLUG	
2	15901103432	1	COIL, SPARK PLUG CAP	
3	15901010630	1	PLUG, SPARK BPM-7A	
4	15611240630	1	GROMMET	
5	17720244330	1	PAWL ASY, STARTER	INCLUDES ITEMS 6 & 7
6	17723442030	1	SPRING, RETURN	
7	17721844330	1	PAWL, STARTER	
8	17720054130	1	STARTER ASY	INCLUDES ITEMS 9-15
9	17723644330	1	SCREW	
10	17721544430	1	DRUM, STARTER	
11	17722042030	1	SPRING, REWIND	
12	17723244333	1	CASE, STARTER	
13		1	ROPE, STARTER	USE BULK ROPE 99944400040 DIA. 3MM (.12IN.) x 890MM (35.0 IN.)
14	17722742030	1	GUIDE, ROPE	
15	17722806530	1	GRIP, STARTER	
16	90016204022	4	BOLT, H.S. 4X22	
17	89011849130	1	LABEL, BRAND	
18	15680109660	1	FLYWHEEL	
19	17500056830	1	CLUTCH ASY	
20	16201052830	1	LEAD	
21	15662652730	1	COIL, IGNITION W/O LEAD	
22	13130056430	1	VENT ASY	INCLUDED IN KIT 90010
23	13131239130	1	PIPE 3X5X70L	
24	13211546730	1	GROMMET	
25	13201309820	1	CLIP	
26	13120507320	1	STRAINER, FUEL	INCLUDED IN KIT 90008
27	13201056330	1	PIPE 3X6X90	
28	13201013930	1	PIPE, FUEL	
29	13100546830	1	TANK, FUEL	
30	90060300005	2	WASHER 5	
31	90023805016	2	SCREW 5X16	
32	13100455830	1	CAP ASY, FUEL TANK	INCLUDES ITEM 33 (INCLUDED IN KIT 90010)
33	13101655830	1	GASKET, FUEL CAP	



KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	89022809560	1	LABEL, CAUTION	
2	30120029430	1	BAND ASY	INCLUDES ITEM 3
3	90024205014	1	SCREW 5X14	
4	16340155630	1	SWITCH, IGNITION	
5	17800352130	1	BRACKET SET, THROTTLE	INCLUDES ITEMS 6 -8
6	90050000005	2	NUT 5	
7	90024205035	1	SCREW 5X35	
8	90024205025	1	SCREW 5X25	
9	17801052130	1	CONTROL, THROTTLE	
10	17804342230	1	SPRING, THROTTLE RETURN	
11	P021000000	1	HANDLE ASY, FRONT	INCLUDES ITEMS 12 -18
12	35121666230	1	GRIP, FRONT HANDLE	
13	35120566230	1	HANDLE, FRONT	
14	90024205035	4	SCREW 5X35	
15	90060000005	2	WASHER	
16	88995021060	2	SCREW	
17	35122507130	1	BRACKET, HANDLE	
18	90050000005	4	NUT 5	
19	35121352130	1	GRIP, REAR HANDLE	
20	61027252130	1	BAND	INCLUDES ITEMS 21 &22
21	90024205028	1	SCREW 5X28	
22	90050000005	1	NUT 5	
23	89015204930	1	LABEL, LOCATION	
24	61020656730	1	HOUSING ASY, D. SHAFT (UPPER)	INCLUDES ITEMS 25 & 26
25	61024644730	2	STOPPER	
26	61021756730	1	LINER, FLEXIBLE (UPPER)	
27	10025156630	1	CUSHION	
28	61001355630	1	SHAFT, FLEXIBLE (UPPER)	
29	61060156730	1	BRACKET ASY	INCLUDES ITEMS 30- 37
30	35232527630	1	LOCKNUT	
31	90060500005	1	WASHER, SPRING 5	
32	90060000005	1	WASHER 5	
33	90014205030	1	BOLT 5X30 (W/W,SW)	
34	90050000005	1	NUT 5	
35	90024205012	1	SCREW 5X12	
36	90010005035	1	BOLT 5X35	
37	17830256630	1	LATCH ASY	
38	90050200006	2	NUT 6	
39	17800156730	1	WIRE, THROTTLE	
40	17812752130	1	TUBE	



KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
	12520013312		CARBURETOR C1 U-K52	INCLUDES THE FOLLOWING ITEMS
1	12534452130	2	SCREW	
2	12534213210	1	COVER, METERING CHAMBER	
3	A B	1	DIAPHRAGM, METERING	
4	A B	1	GASKET, DIAPHRAGM METERING	
5	A	1	SCREW, METERING PIN	
6	A	1	PIN, METERING LEVER	
7	A	1	LEVER, METERING	
8	A	1	SPRING, METERING LEVER	
9	A	1	VALVE, NEEDLE	
10	12532715130	1	CLIP, THROTTLE SHAFT	
11	A	1	PLUG, WELCH	
12	12531649030	1	VALVE, THROTTLE	
13	12531413930	1	SCREW, THROTTLE VALVE	
14	12535307760	4	WASHER, NEEDLE	
15	12531942030	2	SPRING, NEEDLE	
16	12531813120	1	NEEDLE, IDLE	
17	12532909860	1	CAP, LIMITER L.S.	
18	12532013310	1	NEEDLE, HIGH SPEED	
19	12532939030	1	CAP, LIMITER H.S.	
20	12532713930	1	CLIP, SWIVEL	
21	12537242030	1	SWIVEL	
22	12531713310	1	SHAFT, THROTTLE	
23	12531342030	1	SPRING, THROTTLE RETURN	
24	12533306960	1	SPRING, IDLE ADJUSTER	
25	12533406960	1	SCREW, IDLE ADJUST	
26	12531011610	2	SCREW	
27	12536311610	1	RING	
28	12538108660	1	PUMP, PURGE	
29	12538313310	1	BASE, PURGE	
30	A B	1	GASKET, FUEL PUMP	
31	A B	1	DIAPHRAGM, FUEL PUMP	
32	A	1	STRAINER	
33	12537613120	1	NOZZLE, CHECK VALVE	
A	12530313310	1	REPAIR KIT	
B	12530013310	1	GASKET/DIAPHRAGM KIT	