



AVAILABLE ATTACHMENTS & ACCESSORIES

99944100010 RAIN GUTTER KIT
99944100030 SHOULDER STRAP
99944200003 i-START ACCESSORY KIT

PARTS CATALOG

POWER BLOWER

22.8cc

MODEL: SERIAL NUMBERS

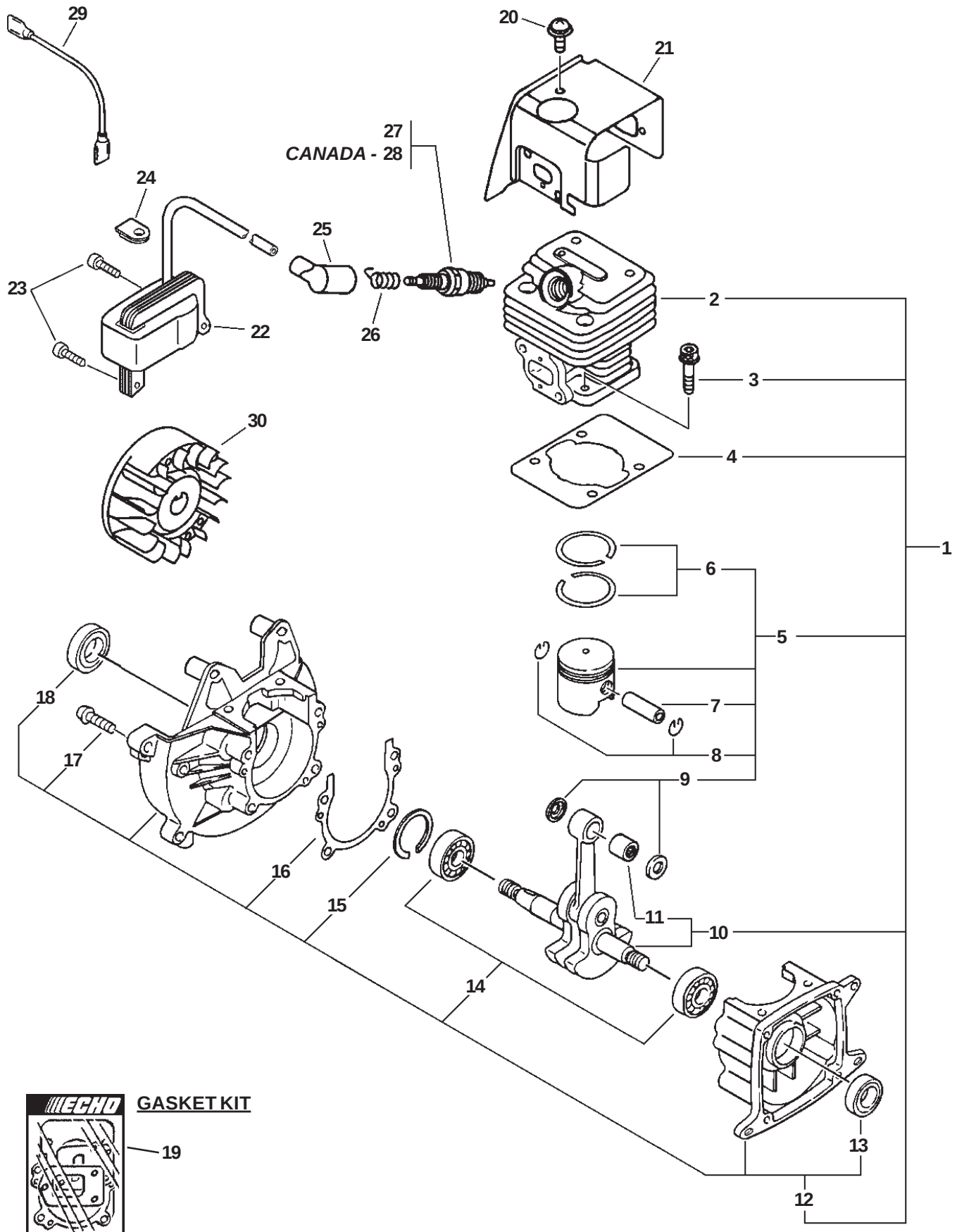
PB-230LN: 03001001-03999999
04001001-04999999
05001001-05999999
06001001-06999999
07001001-07999999

PB-231LN: 02001001-02999999
06001001-06999999

ECHO, INCORPORATED

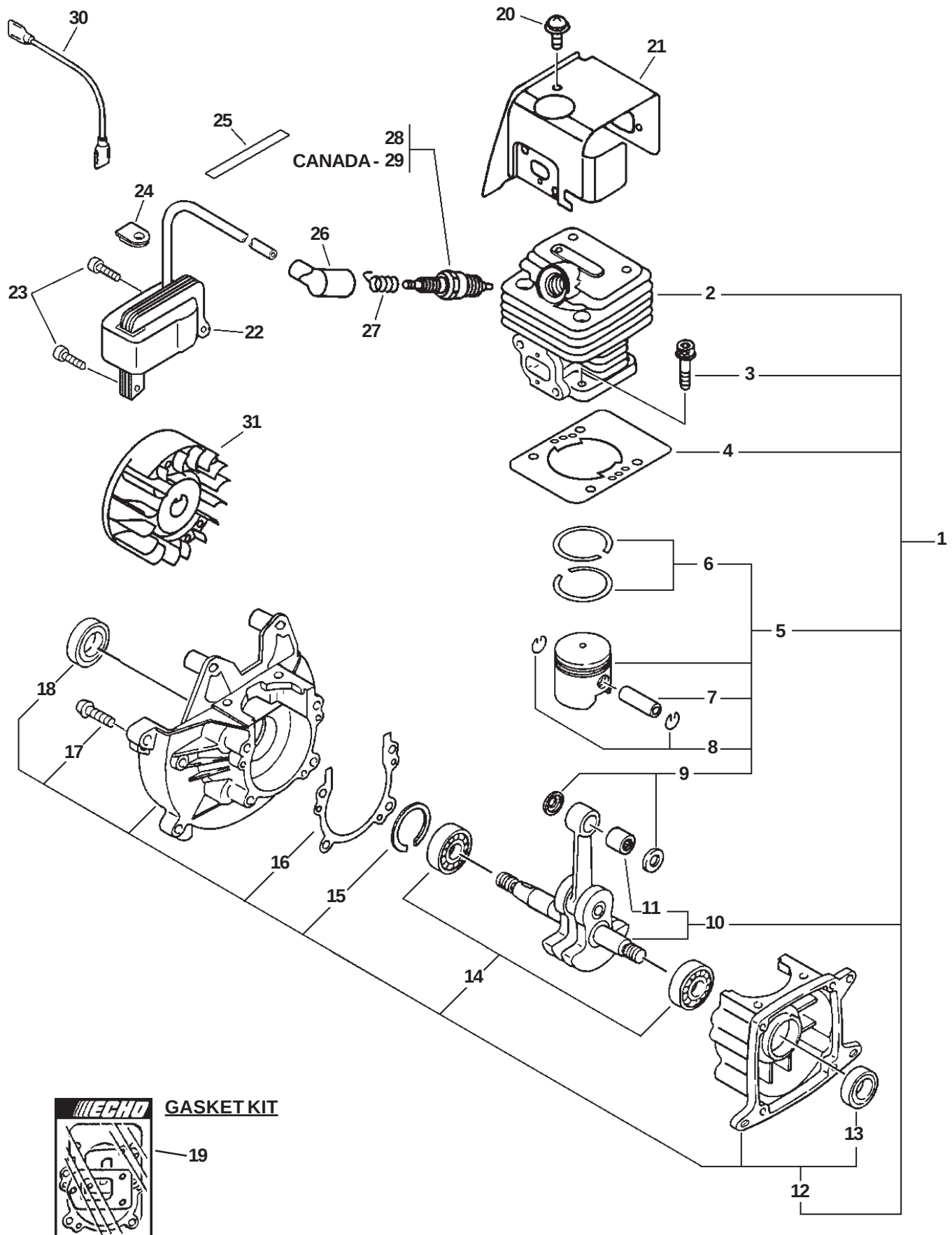
400 Oakwood Road Lake Zurich, Illinois 60047

WWW.ECHO-USA.COM



SERIAL NUMBERS: 02001001-04999999

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
<u>OPTIONAL ENGINE REPOWER</u>				
1	SB1045	1	SHORT BLOCK	INCLUDES ITEM 2-18
2	A130000074	1	CYLINDER	
3	90016205022	4	BOLT 5X22	
★ 4	V100000010	1	GASKET, CYLINDER	
5	P021000930	1	PISTON KIT	INCLUDES ITEMS 6-9
6	A101000000	2	RING, PISTON	
7	10001311520	1	PIN, PISTON	
8	10001504630	2	CIRCLIP, PISTON PIN	
9	10001411520	2	SPACER, PISTON PIN	
10	A011000042	1	CRANKSHAFT ASY	INCLUDES ITEM 11
11	V553000010	1	BEARING, NEEDLE	
12	P021000940	1	CRANKCASE KIT	INCLUDES ITEMS 13-18
13	10021305530	1	OIL SEAL	
14	90080036001	2	BEARING, BALL	
15	90070200028	1	CIRCLIP 28	
★ 16	10024255930	1	GASKET, CRANKCASE	
17	90016205025	4	BOLT 5X25	
18	10021228230	1	OIL SEAL	
★ Also Included In GASKET KIT				
19	P021001362	1	GASKET KIT	
20	90024205010	1	SCREW 5X10	
21	A160000120	1	COVER, CYLINDER	
22	A411000010	1	COIL, IGNITION	
23	90016205016	2	BOLT 5X16	
24	15611240630	1	GROMMET	
25	15901203433	1	CAP, SPARK PLUG	
26	15901103432	1	TERMINAL, SPARK PLUG CAP	
27	99944500071	1	SPARK PLUG-- BPM-7Y	
28	15901010230	1	PLUG, SPARK -- BPMR-7A	CANADA MODELS
29	V485000040	1	LEAD, IGNITION	
30	A409000020	1	FLYWHEEL	

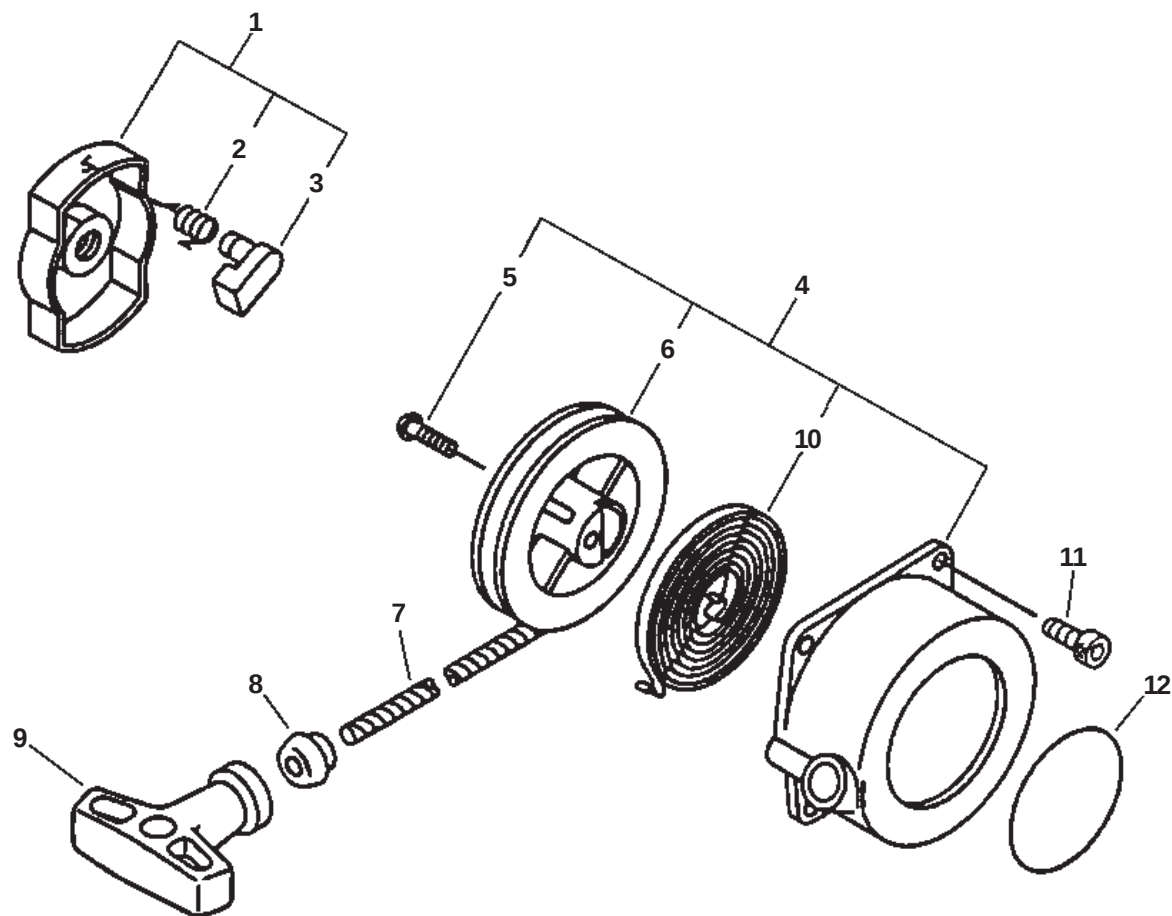


SERIAL NUMBERS: 05001001-07999999

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
<u>OPTIONAL ENGINE REPOWER</u>				
1	SB1062	1	SHORT BLOCK	INCLUDES ITEMS 2-18
2	A130000340	1	CYLINDER	
3	90016205022	4	BOLT 5X22	
★ 4	V100000070	1	GASKET, CYLINDER	
5	P021001101	1	PISTON KIT	INCLUDES ITEMS 6-9
6	A101000000	2	RING, PISTON	
7	10001311520	1	PIN, PISTON	
8	10001504630	2	CIRCLIP, PISTON PIN	
9	10001411520	2	SPACER, PISTON PIN	
10	A011000042	1	CRANKSHAFT ASY	INCLUDES ITEM 11
11	V553000010	1	BEARING, NEEDLE	
12	P021000940	1	CRANKCASE KIT	INCLUDES ITEMS 13-18
13	10021305530	1	OIL SEAL	
14	90080036001	2	BEARING, BALL 6001	
15	90070200028	1	CIRCLIP 28	
★ 16	10024255930	1	GASKET, CRANKCASE	
17	90016205025	4	BOLT 5X25	
18	10021228230	1	OIL SEAL	

★ Also Included In GASKET KIT

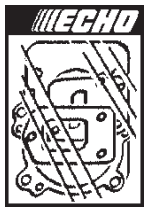
19	P021003890	1	GASKET KIT	
20	90024205010	1	SCREW 5X10	
21	A160000120	1	COVER, CYLINDER	
22	A411000110	1	COIL, IGNITION	
23	90016205016	2	BOLT 5X16	
24	15611240630	1	GROMMET	
25	X532000670	1	LABEL, SPARK PLUG	
26	15901203433	1	CAP, SPARK PLUG	
27	15901103432	1	TERMIAL, SPARK PLUG CAP	
28	15901019830	1	PLUG, SPARK - BPM-8Y	
29	A425000000	1	PLUG, SPARK -- BPMR-8Y	CANADA MODELS
30	V485000260	1	LEAD, IGNITION	
31	A409000130	1	FLYWHEEL	



SERIAL NUMBERS: ALL

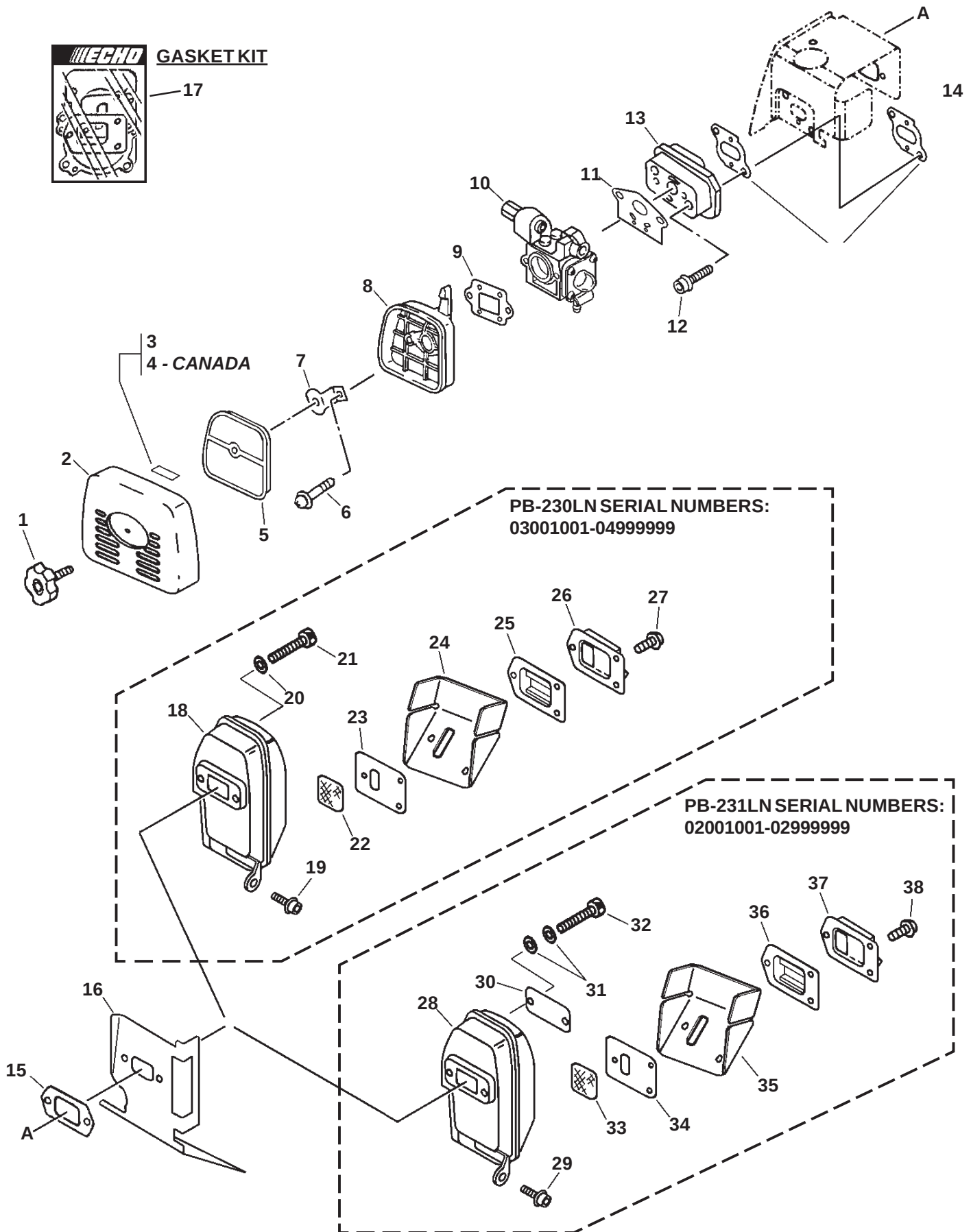
ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	17720244331	1	STARTER PAWL ASY	INCLUDES ITEMS 2-3
2	17723442030	1	SPRING, RETURN	
3	17721844330	1	PAWL, STARTER	
4	17720009560	1	STARTER ASY	INCLUDES ITEMS 5-10
5	17723644330	1	SCREW	
6	17721505960	1	DRUM, STARTER	
7	17722605310	1	ROPE, STARTER - 3.5mmX960mm	BULK OPTION: 99944445000
8	17722709560	1	GUIDE, ROPE	
9	17722806530	1	GRIP, STARTER	
10	17722042030	1	SPRING, REWIND	
11	90016304016	4	BOLT	
12	89011849330	1	LABEL, ECHO	

SERIAL NUMBERS: 02001001-04999999



GASKET KIT

17



SERIAL NUMBERS: 02001001-04999999

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	13040652131	1	KNOB, FASTENER	
2	A232000040	1	LID, AIR CLEANER	
3	89012152730	1	LABEL, CHOKE	
4	89033252730	1	LABEL, CHOKE	CANADA MODELS
5	13031051830	1	FILTER, AIR	
6	90024205060	2	SCREW 5X60	
7	12901157731	1	PLATE, PREVENT	
8	13030757730	1	CASE, AIR CLEANER	
★ 9	10158609660	1	SPACER	
10	A021000131	1	CARBURETOR -- RB-K60A	
11	13001013410	1	GASKET, INTAKE	
★ 12	90010605025	2	BOLT 5X25	
13	A200000021	1	INSULATOR, INTAKE	
14	13001055930	2	GASKET, INTAKE	
★ 15	V104000160	1	GASKET, MUFFLER	
★ 16	V104000041	1	GASKET, EXHAUST	
★ 17	P021001362	1	GASKET KIT	

PB-230LN SERIAL NUMBERS: 03001001-04999999

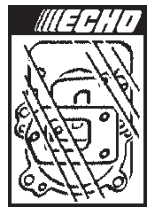
18	A300000090	1	MUFFLER	
19	90016205016	1	BOLT 5X16	
20	90060000005	2	WASHER 5	
21	90010505060	2	BOLT 5X60	
22	14586240630	1	SCREEN, MUFFLER	
★ 23	V104000032	1	GASKET, EXHAUST	
24	V104000051	1	GASKET, EXHAUST	
25	A313000110	1	GUIDE, EXHAUST	
26	A313000080	1	GUIDE, EXHAUST	
27	9136704010	3	SCREW 4X10	

PB-231LN SERIAL NUMBERS: 02001001-02999999

28	A300000110	1	MUFFLER	
29	90016205016	1	BOLT 5X16	
30	V150000371	1	PLATE, EYE	
31	V347000000	4	WASHER, CONICAL	
32	9110005065	2	BOLT 5X65	
33	14586240630	1	SCREEN, MUFFLER	
34	V104000032	1	GASKET, EXHAUST	
★ 35	V104000051	1	GASKET, EXHAUST	
36	A313000110	1	GUIDE, EXHAUST	
37	A313000070	1	GUIDE, EXHAUST	
38	9136704010	3	SCREW 4X10	

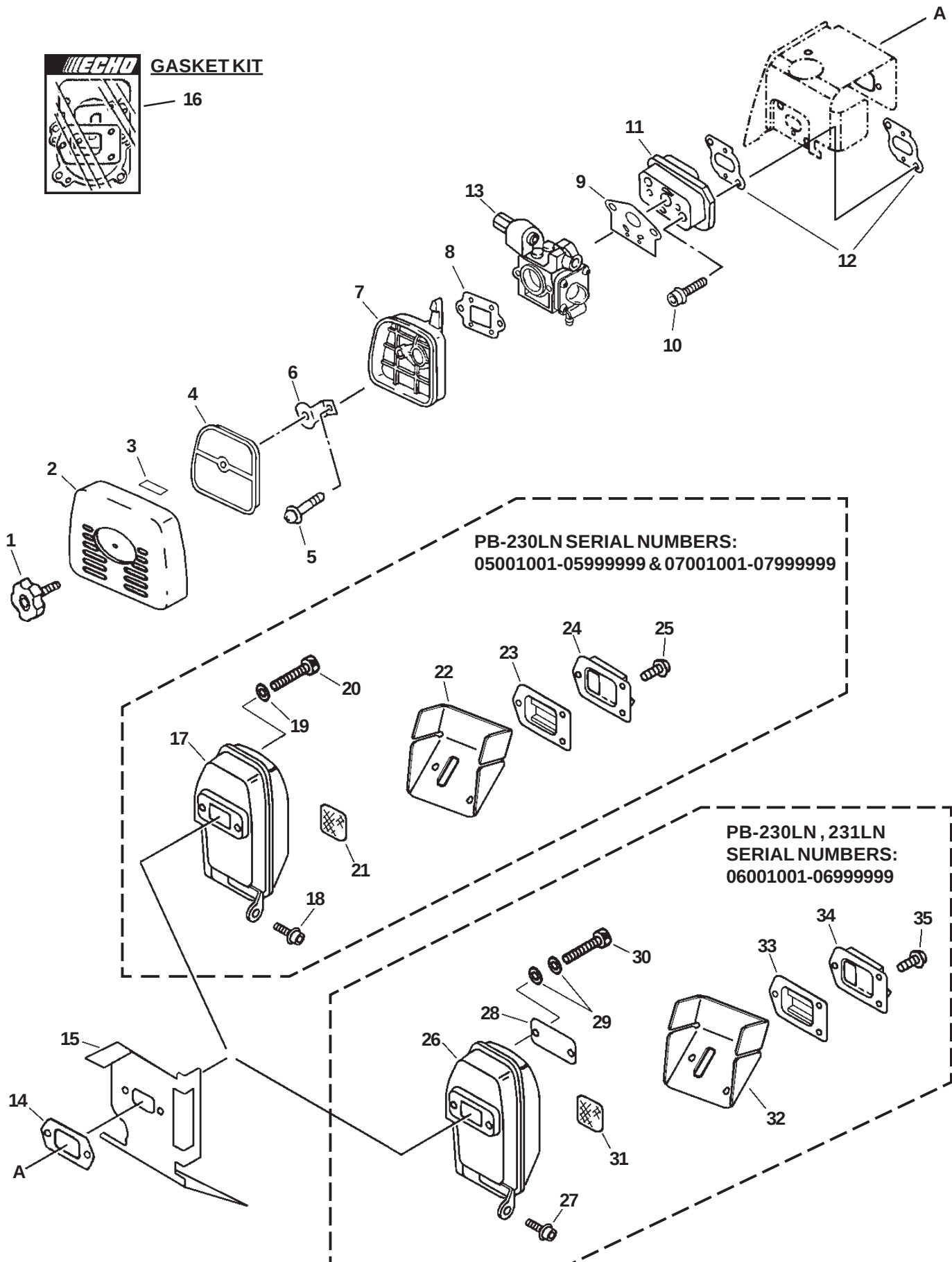
★ Also Included In GASKET KIT

SERIAL NUMBERS: 05001001-07999999



GASKET KIT

16



SERIAL NUMBERS: 05001001-07999999

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	13040652131	1	KNOB, FASTENER	
2	A232000120	1	LID, AIR CLEANER	
3	89012152730	1	LABEL, CHOKE	
3	89033252730	1	LABEL, CHOKE	CANADA MODELS
4	13031051830	1	FILTER, AIR	
5	90024205060	2	SCREW 5X60	
6	12901157731	1	PLATE, PREVENT	
7	13030757730	1	CASE, AIR CLEANER	
★ 8	10158609660	1	SPACER	
9	13001013410	1	GASKET, INTAKE	
10	90010605025	2	BOLT 5X25	
★ 11	A200000021	1	INSULATOR, INTAKE	
12	13001055930	2	GASKET, INTAKE	
13	-----	1	CARBURETOR**	
**SEE CARBURETOR DIAGRAMS FOR MODEL APPLICATIONS AND SERIAL NUMBERS				
★ 14	V104000160	1	GASKET, MUFFLER	
★ 15	V104000310	1	GASKET, EXHAUST	
16	P021003890	1	GASKET KIT	

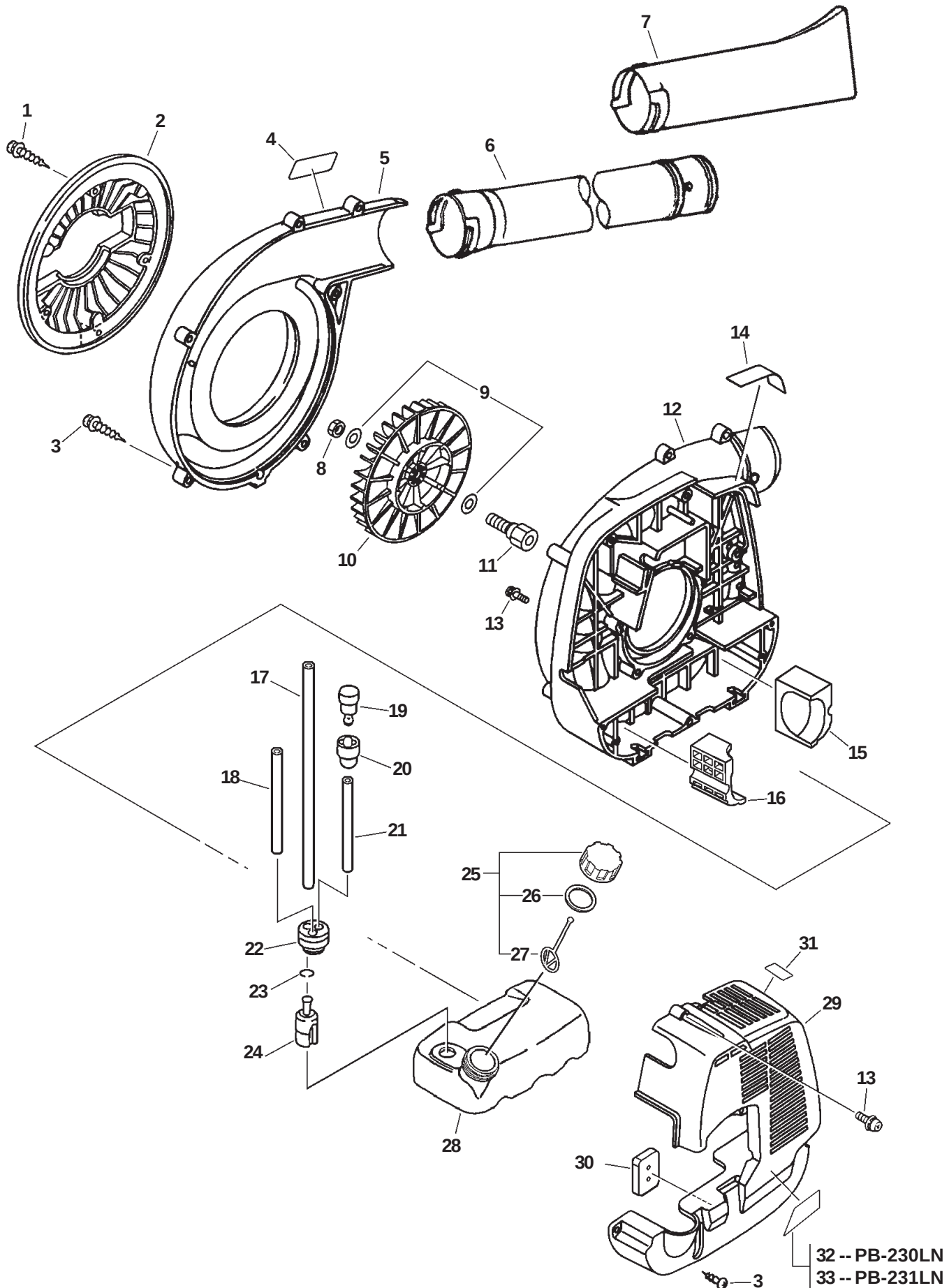
PB-230LN SERIAL NUMBERS: 05001001-05999999 & 07001001-07999999

17	A300000090	1	MUFFLER	
18	90016205016	1	BOLT 5X16	
19	90060000005	2	WASHER 5	
20	90010505060	2	BOLT 5X60	
21	14586240630	1	SCREEN, MUFFLER	
★ 22	V104000350	1	GASKET, EXHAUST	
23	A313000140	1	GUIDE, EXHAUST	
24	A313000080	1	GUIDE, EXHAUST	
25	90024204010	3	SCREW 4X10	

PB-230LN, 231LN SERIAL NUMBERS: 06001001-06999999

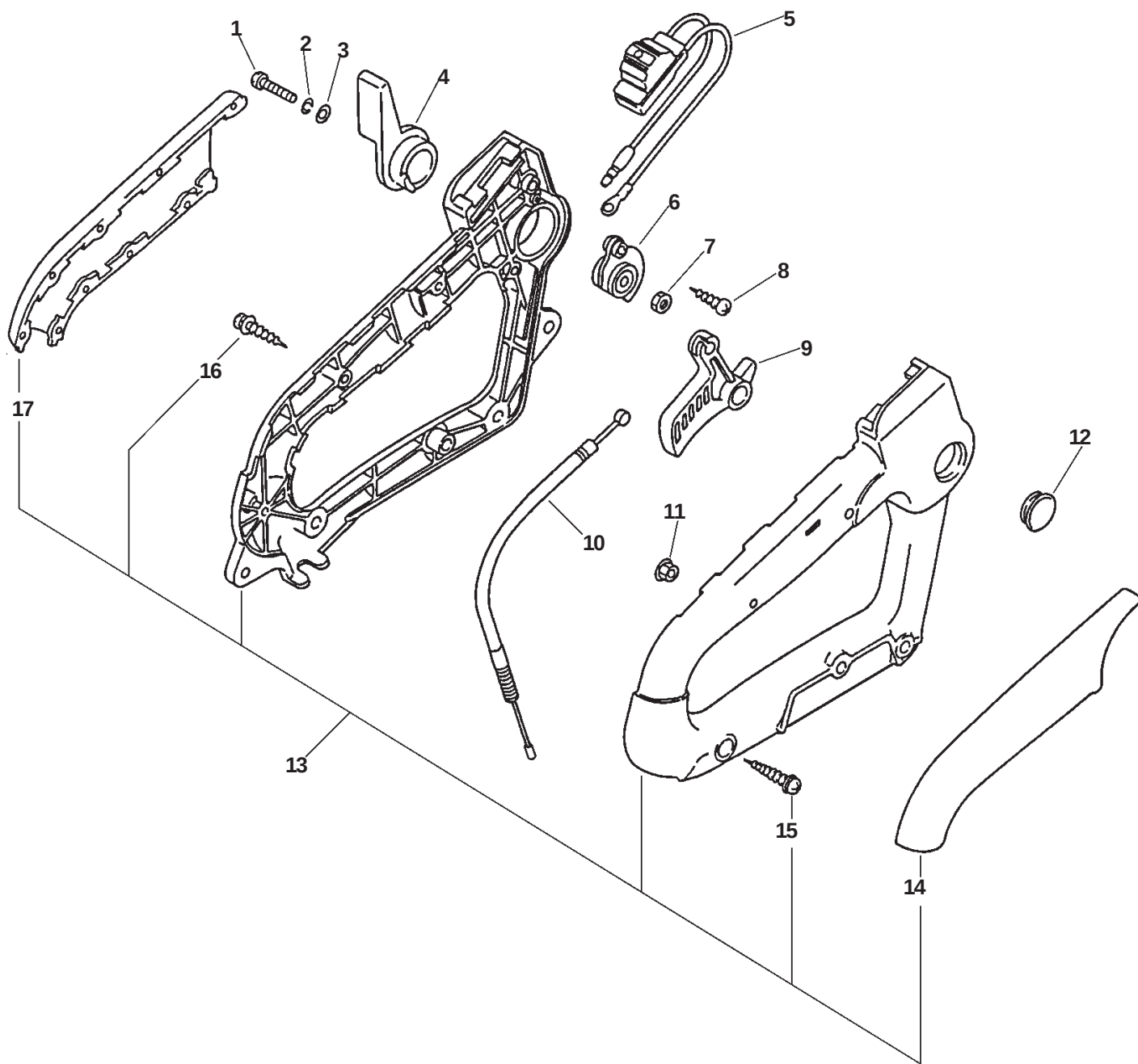
26	A300000110	1	MUFFLER	
27	90016205016	1	BOLT 5X16	
28	V150000371	1	PLATE, EYE	
29	V347000000	4	WASHER, CONICAL	
30	9110005065	2	BOLT 5X65	
31	14586240630	1	SCREEN, MUFFLER	
★ 32	V104000350	1	GASKET, EXHAUST	
33	A313000110	1	GUIDE, EXHAUST	
34	A313000070	1	GUIDE, EXHAUST	
35	9136704010	3	SCREW 4X10	

★ Also Included In GASKET KIT



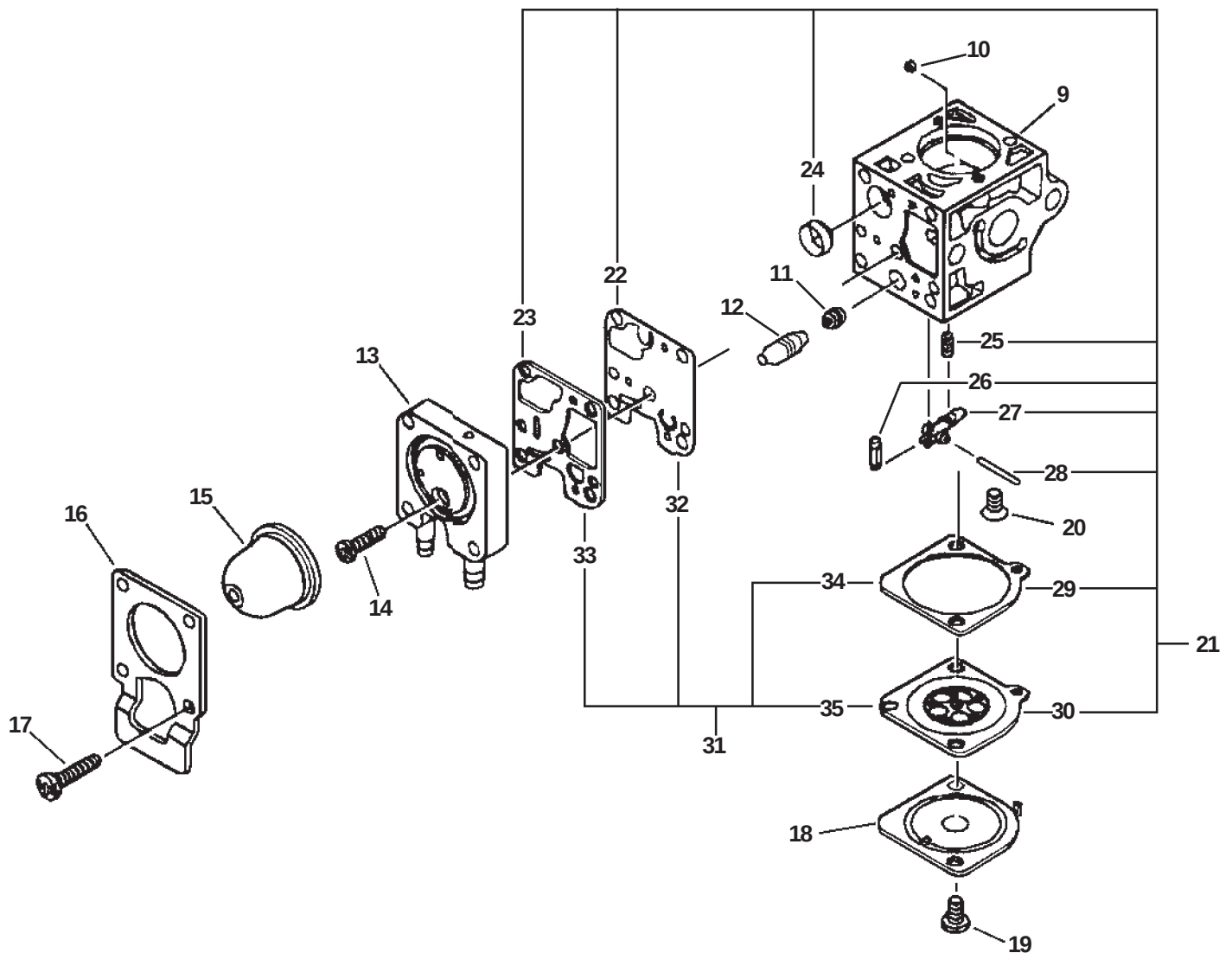
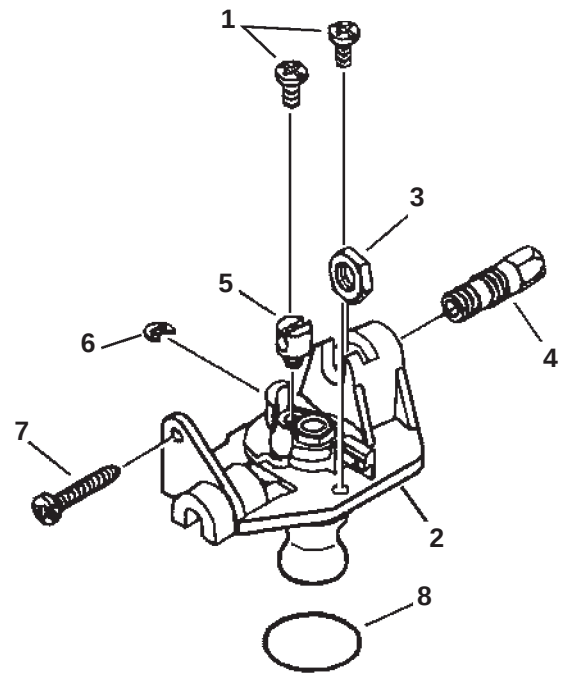
SERIAL NUMBERS: ALL

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	90025305016	3	SCREW 5X16	
2	20012409560	1	COVER, FAN CASE	
3	90025305020	9	SCREW 5X20	
4	X508000120	1	LABEL, NOISE N -- US MODELS ONLY	
5	E1030000060	1	CASE, FAN - OUTER	
6	21001505060	1	PIPE, STRAIGHT	
7	E1650000000	1	PIPE, BLOWER	
8	90050000008	1	NUT 8	
9	10013205660	2	WASHER	
10	E1000000020	1	FAN, BLOWER	
11	E1010000000	1	HUB, FAN	
12	E1030000040	1	CASE, FAN - INNER	
13	90016205020	5	SCREW 5X20	
14	89016009461	1	LABEL, CAUTION	
15	V420000280	1	CUSHION, FUEL TANK - RIGHT	
16	V420000270	1	CUSHION, FUEL TANK - LEFT	
17	43721015130	1	PIPE, FUEL - 3X6X200mm	BULK OPTION: 90015
18	13201014010	1	PIPE, RETURN - 3X6X100mm	BULK OPTION: 90017
19	A3560000030	1	VALVE, CHECK	
20	13132840630	1	COVER, VENT	
21	43721720760	1	PIPE, VENT - 3X6X100mm	BULK OPTION: 90015
22	13211555930	1	GROMMET, FUEL	
23	13201326630	1	CLIP	
24	13120519830	1	FILTER, FUEL	
25	13100455530	1	FUEL TANK CAP ASY	INCLUDES ITEMS 26-27
26	13101655830	1	GASKET, FUEL CAP	
27	13105156030	1	CONNECTOR, FUEL CAP	
28	A3500000023	1	TANK, FUEL	
29	A1900000011	1	COVER, ENGINE	
30	V420000390	1	CUSHION	
31	89016006361	1	LABEL, CAUTION - HOT	
32	X503000880	1	LABEL, MODEL -- PB-230LN	
33	X503001110	1	LABEL, MODEL -- PB-231LN	



SERIAL NUMBERS: ALL

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	90023506020	1	SCREW 6X20	
2	90060500006	1	WASHER, SPRING 6	
3	90060300006	1	WASHER 6	
4	17805407560	1	CONTROL, THROTTLE	
5	16340109661	1	SWITCH, IGNITION	
6	17812307561	1	BRACKET, THROTTLE	
7	90050000006	1	NUT 6	
8	90024504010	1	SCREW 4X10	
9	17801007561	1	TRIGGER, THROTTLE	
10	V430000130	1	CABLE, THROTTLE	
11	90051600005	1	NUT, FLANGE 5	
12	35114607560	1	PLUG	
13	35100009660	1	HANDLE SET	INCLUDES ITEMS 14-17
14	35131109660	1	GRIP, HANDLE - RIGHT	
15	90025305030	2	SCREW 5X30	
16	90025604022	5	SCREW 4X22	
17	35131509660	1	GRIP, HANDLE - LEFT	



SERIAL NUMBERS: 02001001-04999999

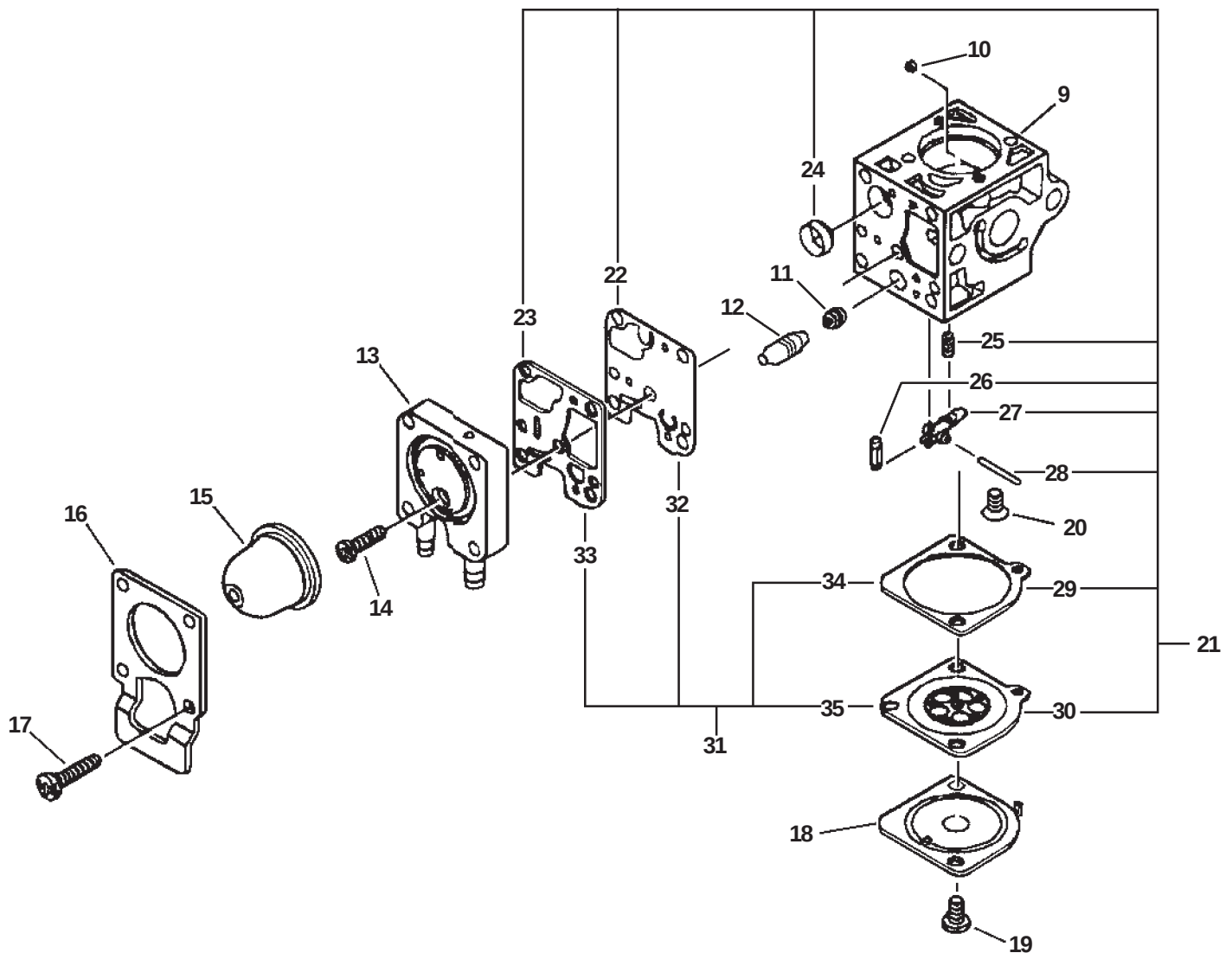
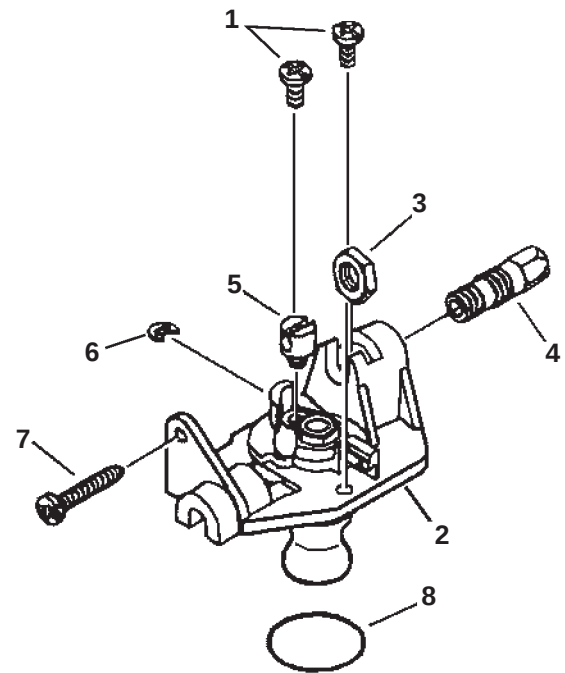
ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
	A021000131	1	CARBURETOR -- RB-K60A	
1	12534413931	3	SCREW, ROTOR COVER ASY	
2	P005000360	1	ROTOR COVER ASY	
3	P005000120	1	NUT, CABLE	
4	P005000110	1	SCREW, ADJUST	
5	P005000180	1	SWIVEL	
6	P005000190	1	E-RING	
7	P005000100	1	SCREW, THROTTLE ADJUST	
8	P005000280	1	O-RING	
9	-----	1	BODY, CARBURETOR	NOT AVAILABLE SEPARATELY
10	P005000290	1	ROLLER, GUIDE	
11	P005000540	1	JET	
12	P005000370	1	PLUG KIT	
13	P005000530	1	PRIMER BASE ASY	
14	P005000270	1	SCREW, PRIMER BASE ASY	
15	12538108660	1	PUMP, PRIMING	
16	P005000250	1	RETAINER, PRIMING PUMP	
17	P005000260	4	SCREW, PRIMING PUMP RETAINER	
18	12534213210	1	COVER, DIAPHRAGM	
19	12534452130	2	SCREW, DIAPHRAGM COVER	
20	12533942030	1	SCREW, METERING LEVER PIN	
21	P005000560	1	REPAIR KIT	INCLUDES ITEMS 22-30
22	-----	1	DIAPHRAGM, PUMP	
23	-----	1	GASKET, PUMP	
24	-----	1	STRAINER	
25	-----	1	SPRING, METERING LEVER	
26	-----	1	VALVE, INLET NEEDLE	
27	-----	1	PIN, METERING ARM	
28	-----	1	LEVER, METERING	
29	-----	1	GASKET, METERING	
30	-----	1	DIAPHRAGM, METERING	
31	P005000550	1	DIAPHRAGM/GASKET KIT	INCLUDES ITEMS 32-35
32	-----	1	DIAPHRAGM, PUMP	
33	-----	1	GASKET, PUMP	
34	-----	1	GASKET, METERING	
35	-----	1	DIAPHRAGM, METERING	

SERIAL NUMBERS:

PB-230LN: 05001001 - 05020818

PB-230LN: 07001001 - 07001600

PB-231LN: 06001001 - 06004666



SERIAL NUMBERS:		SERIAL NUMBERS:	
PB-230LN:	05001001 - 05020818	PB-231LN:	06001001 - 06004666
PB-230LN:	07001001 - 07001600		

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
	A021000352	1	CARBURETOR -- RB-K65	SUPERSEDES: A021000351 CARBURETOR -- RB-K65 A021000350 CARBURETOR -- RB-K65
1	12534413931	3	SCREW, ROTOR COVER ASY	
2	P005000710	1	ROTOR COVER ASY	
3	P005000120	1	NUT, CABLE	
4	P005000110	1	SCREW, ADJUST	
5	P005000180	1	SWIVEL	
6	P005000190	1	E-RING	
7	P005000100	1	SCREW, THROTTLE ADJUST	
8	P005000280	1	O-RING	
9	-----	1	BODY, CARBURETOR	NOT AVAILABLE SEPARATELY
10	P005001000	1	ROLLER, GUIDE	
11	P005000720	1	JET	
12	P005000370	1	PLUG KIT	
13	P005000930	1	PRIMER BASE ASY	
14	P005000270	1	SCREW, PRIMER BASE ASY	
15	12538108660	1	PUMP, PRIMING	
16	P005000250	1	RETAINER, PRIMING PUMP	
17	P005000260	4	SCREW, PRIMING PUMP RETAINER	
18	12534252130	1	COVER, DIAPHRAGM	
19	12534452130	2	SCREW, DIAPHRAGM COVER	
20	12533942030	1	SCREW, METERING LEVER PIN	
21	P005000560	1	REPAIR KIT	INCLUDES ITEMS 22-30
22	-----	1	DIAPHRAGM, PUMP	
23	-----	1	GASKET, PUMP	
24	-----	1	STRAINER	
25	-----	1	SPRING, METERING LEVER	
26	-----	1	VALVE, INLET NEEDLE	
27	-----	1	LEVER, METERING	
28	-----	1	PIN, METERING ARM	
29	-----	1	GASKET, METERING	
30	-----	1	DIAPHRAGM, METERING	
31	P005000550	1	DIAPHRAGM/GASKET KIT	INCLUDES ITEMS 32-35
32	-----	1	DIAPHRAGM, PUMP	
33	-----	1	GASKET, PUMP	
34	-----	1	GASKET, METERING	
35	-----	1	DIAPHRAGM, METERING	

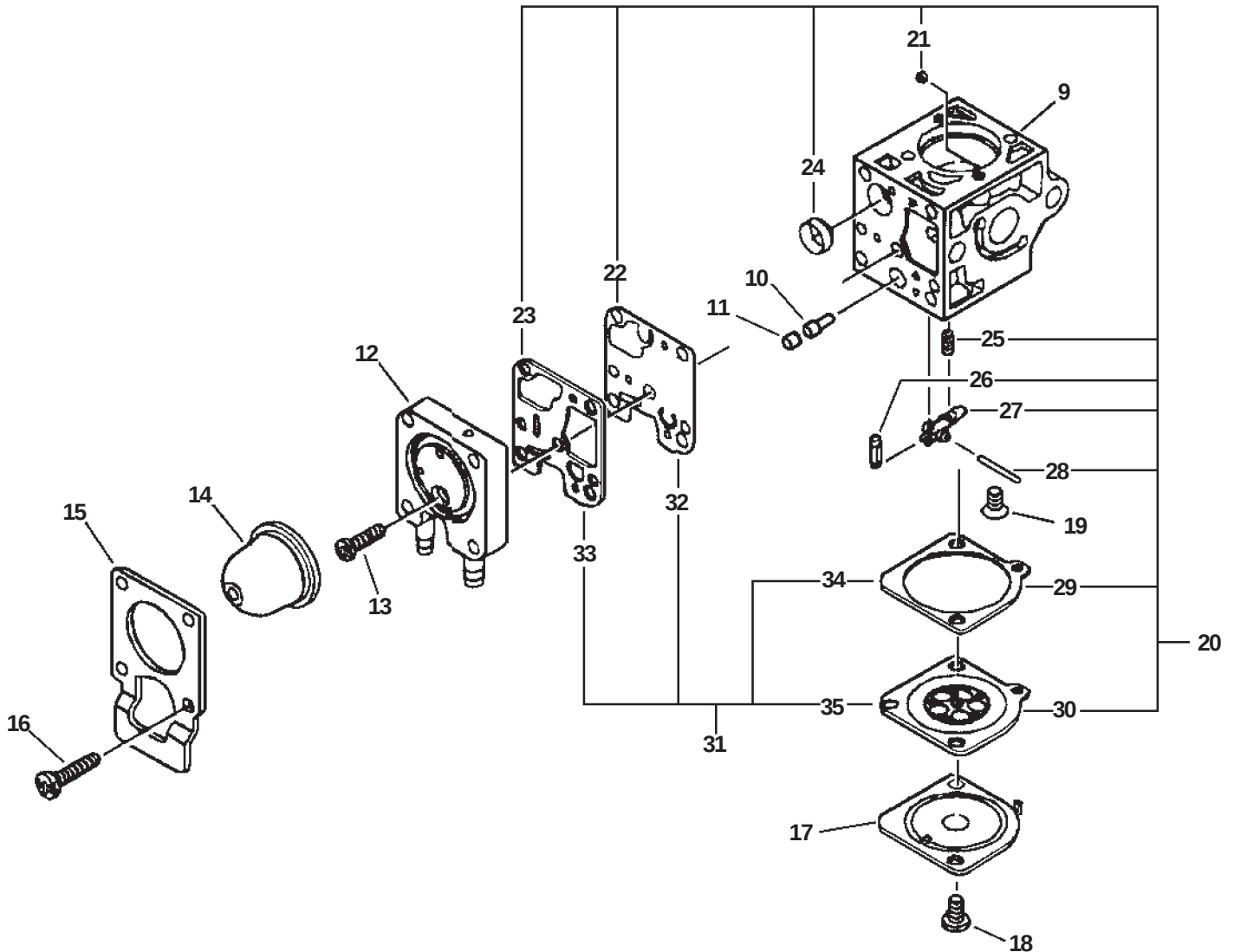
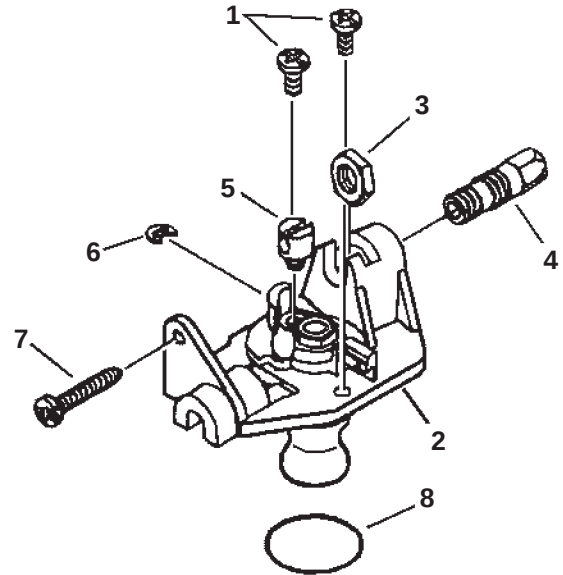
SERIAL NUMBERS:

PB-230LN: 05020819 - 05999999

PB-230LN: 06001001 - 06999999

PB-230LN: 07001601 - 07999999

PB-231LN: 06004667 - 06999999



SERIAL NUMBERS:		SERIAL NUMBERS:	
PB-230LN:	05020819 - 05999999	PB-230LN:	07001601 - 07999999
PB-230LN:	06001001 - 06999999	PB-231LN:	06004667 - 06999999

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
	A021000780	1	CARBURETOR -- RB-K72	
1	12534413931	3	SCREW, ROTOR COVER ASY	
2	P005001280	1	ROTOR COVER ASY	
3	P005000120	1	NUT, CABLE	
4	P005000110	1	SCREW, ADJUST	
5	P005001240	1	SWIVEL	
6	P005000190	1	E-RING	
7	P005000100	1	SCREW, THROTTLE ADJUST	
8	P005000280	1	O-RING	
9	-----	1	BODY, CARBURETOR	NOT AVAILABLE SEPARATELY
10	P005001290	1	NEEDLE - HIGH SPEED	
11	P005001270	1	PLUG	
12	P005000930	1	PRIMER BASE ASY	
13	P005000270	1	SCREW, PRIMER BASE ASY	
14	12538108660	1	PUMP, PRIMING	
15	P005000250	1	RETAINER, PRIMING PUMP	
16	12531061830	4	SCREW, PRIMING PUMP RETAINER	
17	12534252130	1	COVER, DIAPHRAGM	
18	12534452130	2	SCREW, DIAPHRAGM COVER	
19	12533942030	1	SCREW, METERING LEVER PIN	
20	P005000950	1	REPAIR KIT	INCLUDES ITEM 21-30
21	P005001000	1	ROLLER, GUIDE	
22	-----	1	PIN, METERING LEVER	
23	-----	1	LEVER, METERING	
24	-----	1	VALVE, INLET NEEDLE	
25	-----	1	SPRING, METERING LEVER	
26	-----	1	STRAINER	
27	-----	1	DIAPHRAGM, PUMP	
28	-----	1	GASKET, PUMP	
29	-----	1	GASKET, METERING DIAPHRAGM	
30	-----	1	DIAPHRAGM, METERING	
31	P005000550	1	DIAPHRAGM/GASKET KIT	INCLUDES ITEM 32-35
32	-----	1	DIAPHRAGM, PUMP	
33	-----	1	GASKET, PUMP	
34	-----	1	GASKET, METERING DIAPHRAGM	
35	-----	1	DIAPHRAGM, METERING	