



OPTIONAL ATTACHMENTS & ACCESSORIES

Accessories

99946400010 3 Foot Extension

Guide Bars

1080373301 Guide Bar - 8" (.050" Ga)

1100373901 Guide Bar - 10" (.043" Ga)

1101373901 Guide Bar - 10" (.050" Ga)

1102373901 Guide Bar - 10" (.050" Ga) -- Intenz

Sawing Chains

1907039 Sawing Chain - 10" (.043" Ga) -- Micro-Lite

1917033 Sawing Chain - 8" (.050" Ga) -- Low Profile

1917039 Sawing Chain - 10" (.050" Ga) -- Low Profile

PARTS CATALOG

PPF-211 Power Pruner

21.2cc

SERIAL NUMBERS

S/N 06001001 - 06999999

ECHO, INCORPORATED

400 Oakwood Road Lake Zurich, Illinois 60047 USA

WWW.ECHO-USA.COM



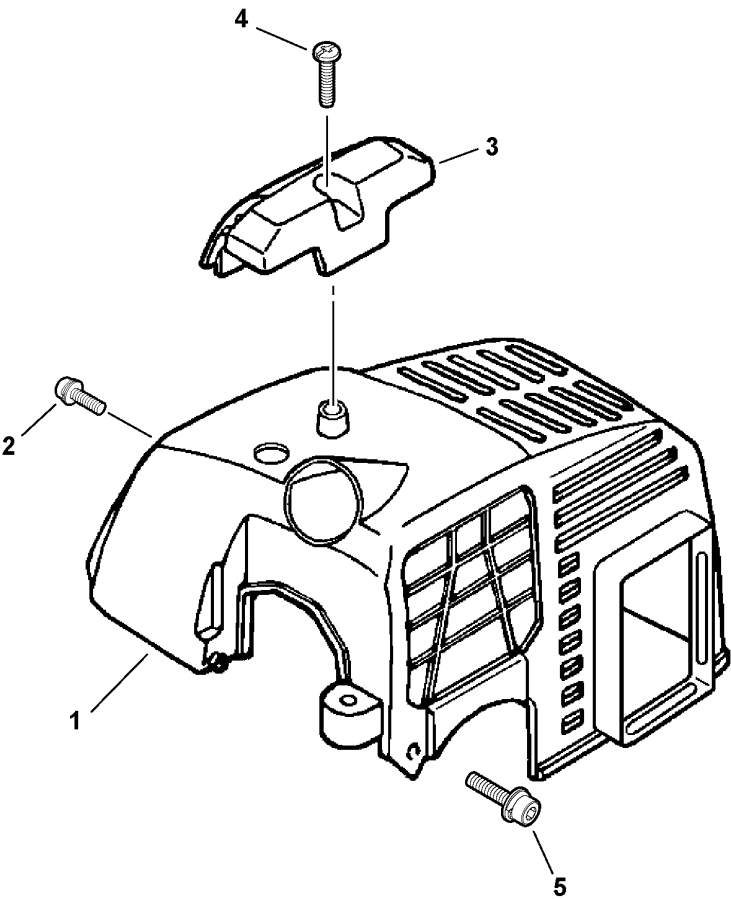
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PPF-211 S/N 06001001 - 06999999

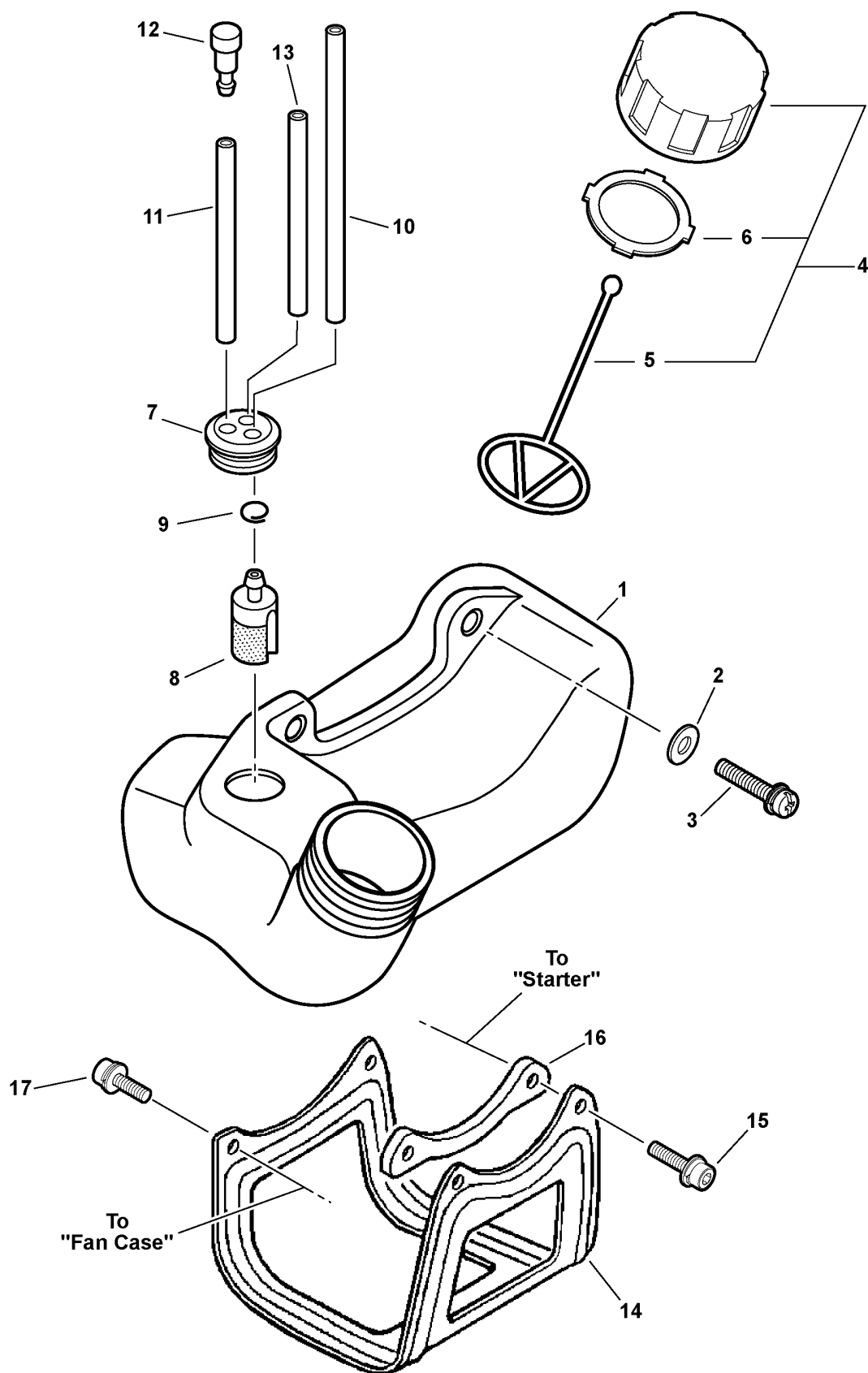
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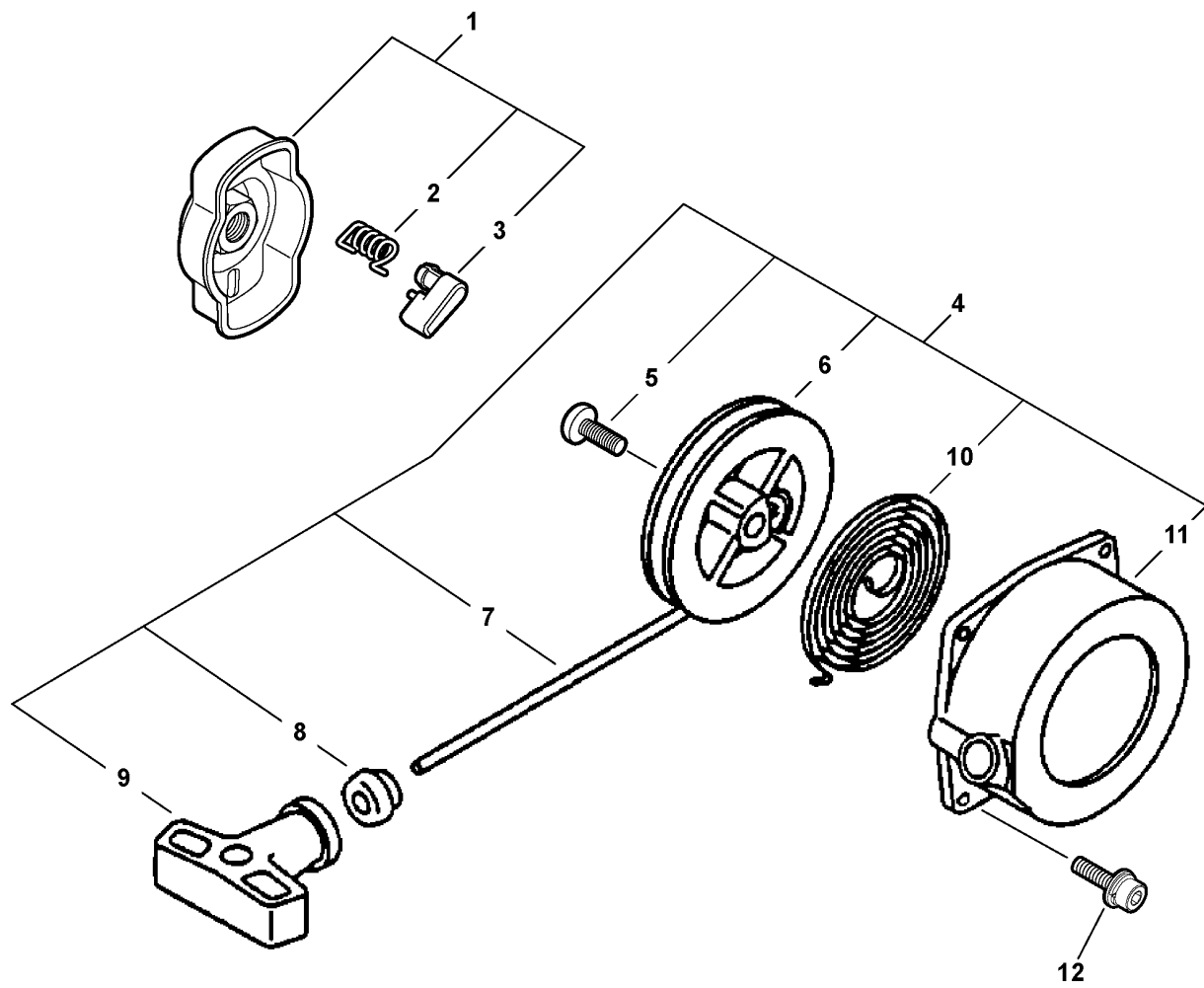
ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	A160000192	1	COVER, CYLINDER	
2	90023804012	2	SCREW 4X12	
3	15991244530	1	GUARD, TOP	
4	90025305016	1	SCREW 5X16	
5	90016304016	2	SCREW 4X16	



002 0033 000

PPF-211 Power Pruner
Fuel System

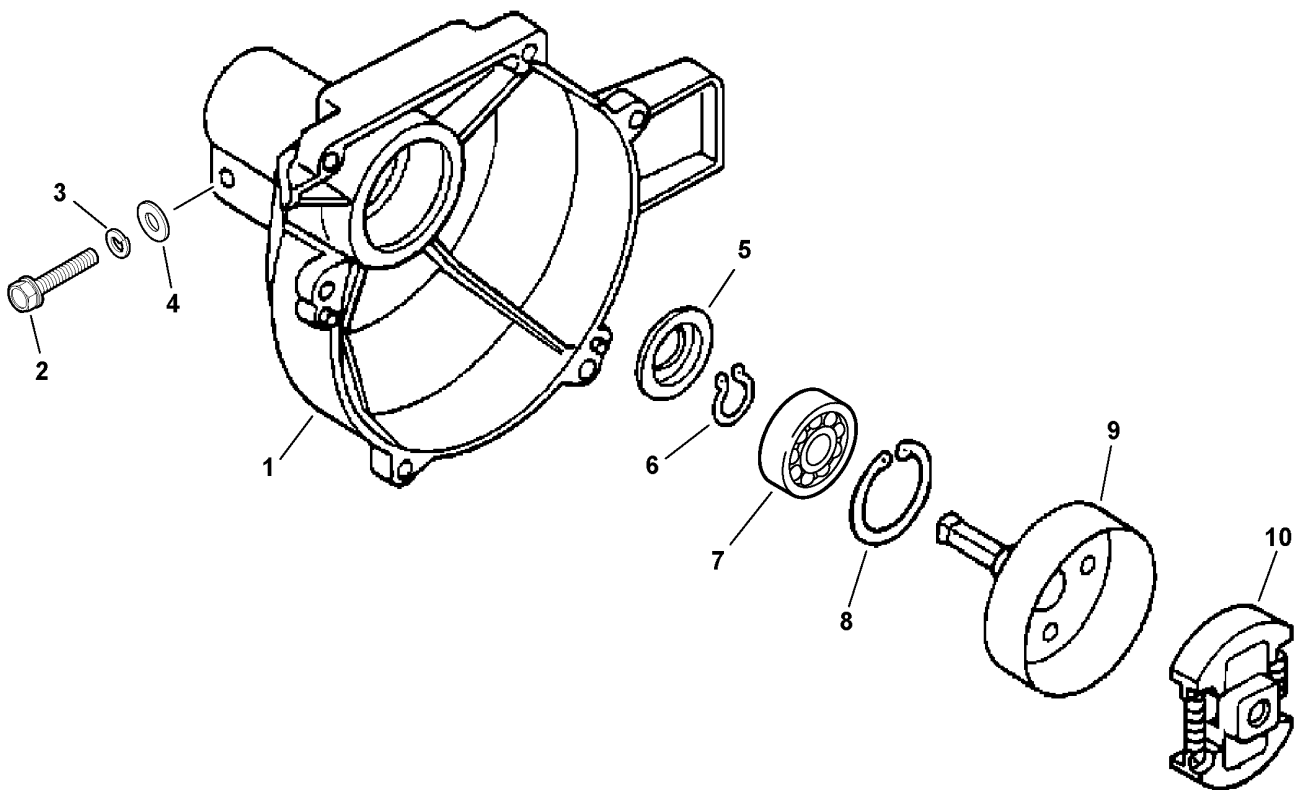
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1	A350000220	1	TANK, FUEL	
2	90060300005	2	WASHER 5	
3	90023805020	2	SCREW 5X20	
4	13100455530	1	CAP ASY	INCLUDES ITEMS 5-6
5	13105156030	1	CONNECTOR, FUEL CAP	
6	13101655830	1	GASKET, FUEL TANK CAP	
7	V137000030	1	GROMMET	
8	13120507320	1	FILTER, FUEL	
9	13201309820	1	CLIP	
10	V471001190	1	PIPE, FUEL - 3X5X180mm	REPOWER BULK OPTION: 90014
11	V471001200	1	PIPE, VENT - 3X5X70mm	REPOWER BULK OPTION: 90014
12	A356000030	1	VENT ASY	
13	13201256030	1	PIPE, RETURN - 3X6X80mm	REPOWER BULK OPTION: 90017
14	30511042030	1	STAND	
15	90016204020	2	SCREW 4X20	
16	V150001640	1	EYE PLATE	
17	90016304016	2	SCREW 4X16	



004 0036 000

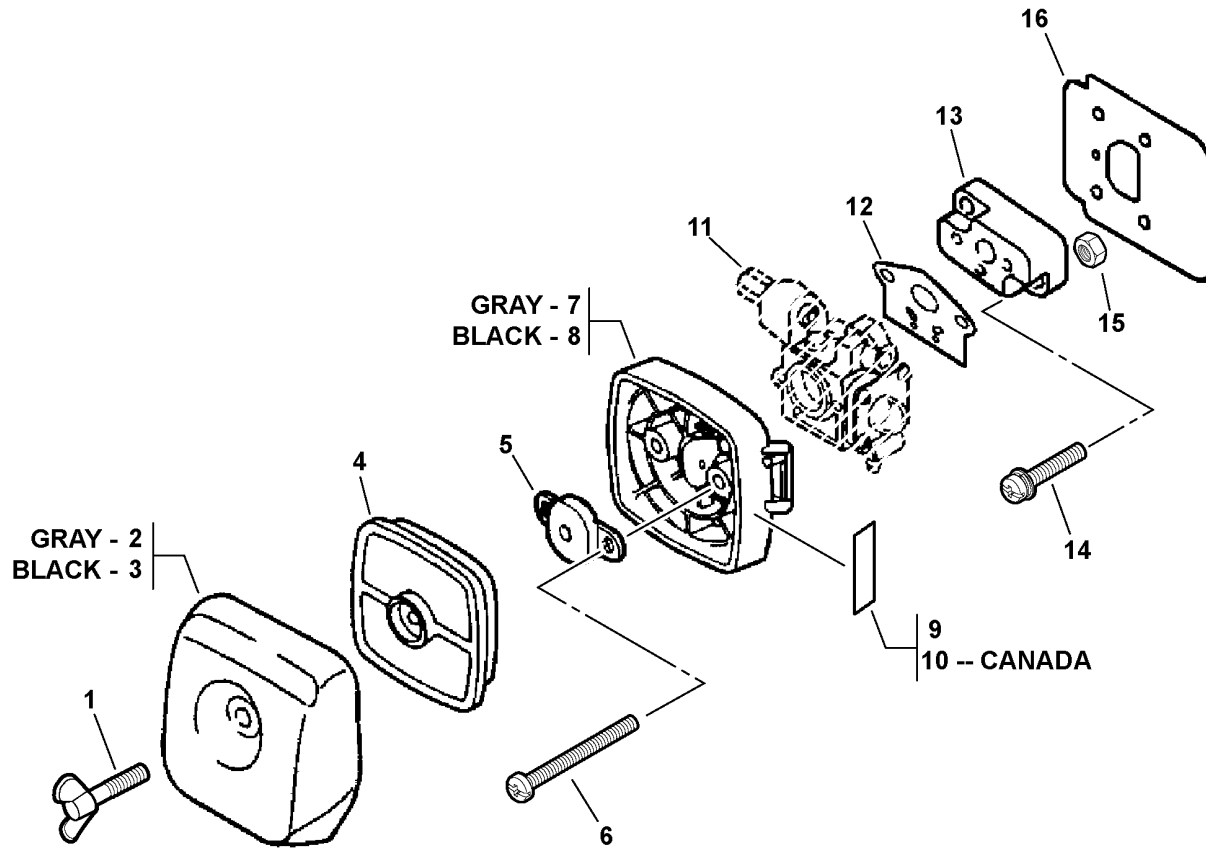
PPF-211 Power Pruner
Starter

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	17720042033	1	STARTER ASY	INCLUDES ITEMS 5-11
5	17723644330	1	SCREW	
6	17721544330	1	DRUM, STARTER	
7	17722610120	1	ROPE, STARTER - 3X1000mm	REPOWER BULK OPTION: 99944440000
8	17722742030	1	GUIDE, ROPE	
9	17722806530	1	GRIP, STARTER	
10	17722042030	1	SPRING, REWIND	
11	17723242030	1	CASE, STARTER	
12	90016304016	4	SCREW 4X16	



003 0003 000

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	10151144630	1	COVER, FAN	
2	90016205025	1	SCREW 5X25	
3	90060500005	1	SPRING WASHER 5	
4	90060000005	1	WASHER 5	
5	17505304920	1	STOPPER	
6	90070100012	1	CIRCLIP 12	
7	90081406201	1	BEARING, BALL 6201	
8	90070200032	1	CIRCLIP 32	
9	17500542030	1	DRUM, CLUTCH	
10	17500056830	1	CLUTCH ASY	



005 0007 000

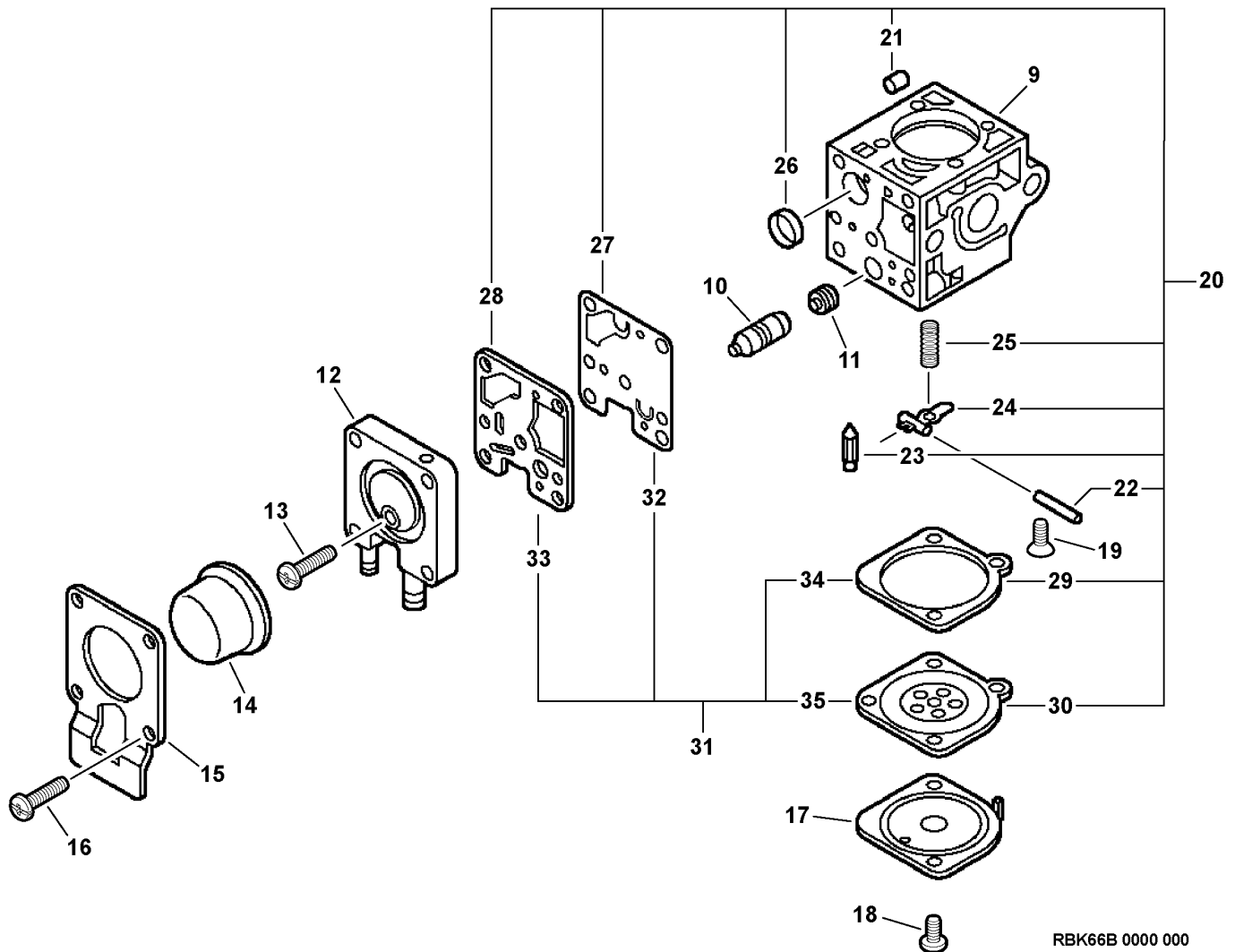
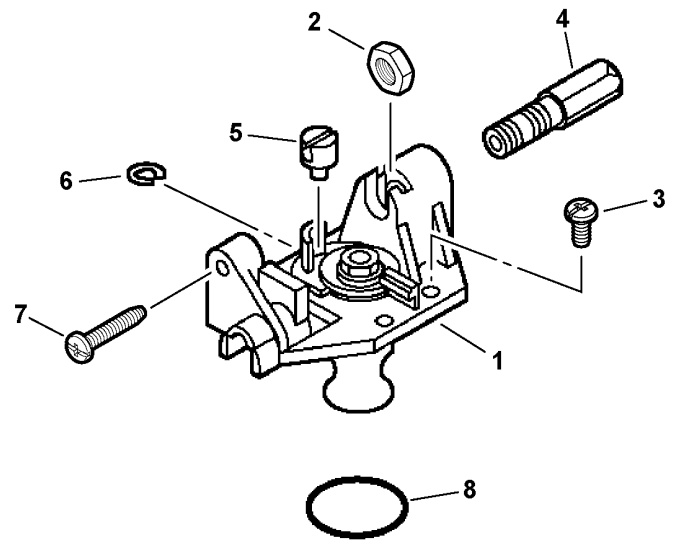
PPF-211 Power Pruner
Intake

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	21041752730	1	WING BOLT	
2	13031306563	1	LID, AIR CLEANER - GRAY	
3	13031305863	1	LID, AIR CLEANER - BLACK	
4	13031054130	1	FILTER, AIR ¹	
5	12901152730	1	PLATE, PREVENT	
6	90022005065	2	SCREW 5X65	
7	P021000991	1	CASE, AIR CLEANER - GRAY	
8	P021004480	1	CASE, AIR CLEANER - BLACK	
9	89012152730	1	LABEL - CHOKE	
10	89012152730	1	LABEL - CHOKE	CANADA MODELS
11	-----	1	CARBURETOR	See Carburetor Diagram For Additional Information
12	13001013410	1	GASKET, INTAKE ²	
13	13001744330	1	INSULATOR, INTAKE	
14	90023805020	2	SCREW 5X20	
15	90050000005	2	NUT 5	
16	13001042032	1	SHIELD, CYLINDER ²	

Footnotes

1: Also Included In REPOWER TUNE-UP KIT

2: Also Included In GASKET KIT

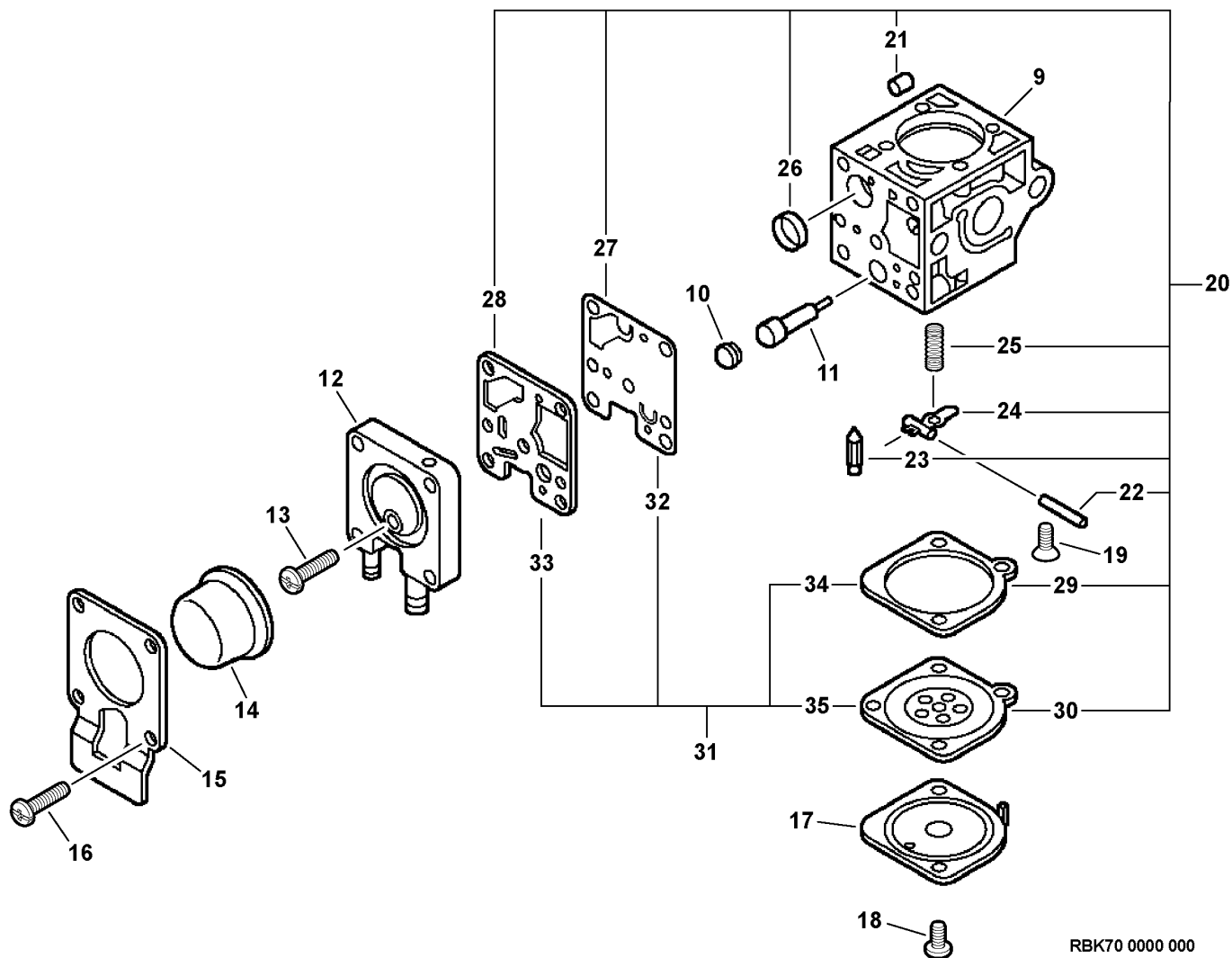
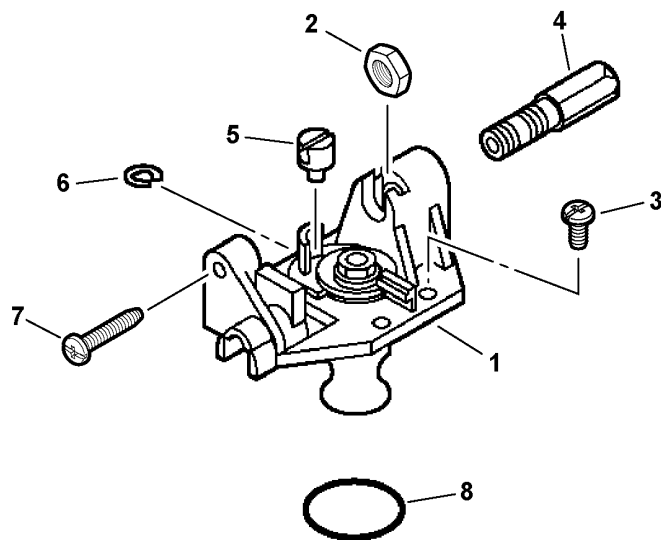


RBK66B 0000 000

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
	A021000382	1	CARBURETOR -- RB-K66B	
1	P005000690	1	ROTOR COVER ASY	
2	P005000120	1	NUT, CABLE	
3	12534413931	3	SCREW, ROTOR COVER ASY	
4	P005000700	1	SCREW, CABLE 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 ¹	
10	P005000370	1	PLUG KIT	
11	P005000570	1	JET	
12	P005000930	1	PURGE BASE ASY	
13	P005000270	1	SCREW, PURGE BASE ASY	
14	12538108660	1	BULB, PURGE	
15	P005000250	1	RETAINER, PURGE BULB	
16	12531061830	4	SCREW, PURGE BULB 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 ITEMS 21-30
21	P005001000	1	ROLLER, GUIDE	
22	-----	1	PIN, METERING LEVER	
23	-----	1	VALVE, INLET NEEDLE	
24	-----	1	LEVER, METERING	
25	-----	1	SPRING, METERING LEVER	
26	-----	1	STRAINER	
27	-----	1	DIAPHRAGM, PUMP	
28	-----	1	GASKET, PUMP	
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	

Footnotes

1: NOT AVAILABLE SEPARATELY

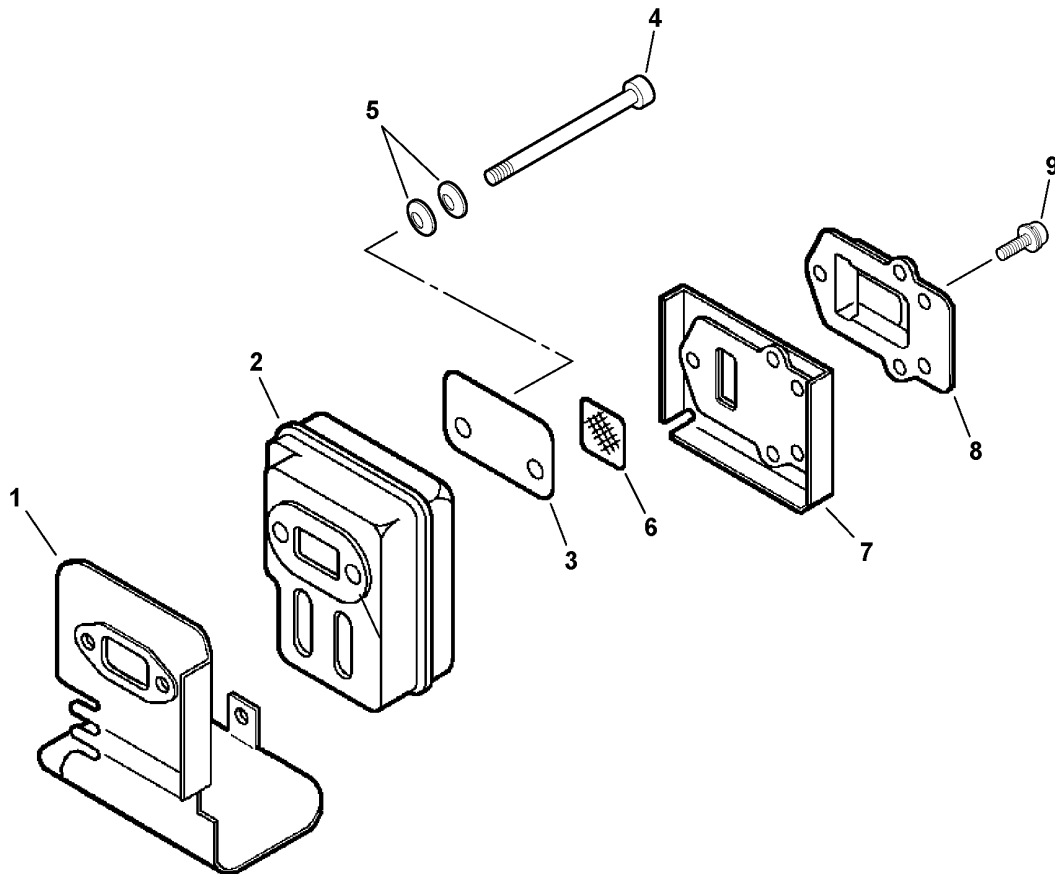


RBK70 0000 000

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
	A021000720	1	CARBURETOR -- RB-K70	
1	P005001230	1	ROTOR COVER ASY	
2	P005000120	1	NUT, CABLE	
3	12534413931	3	SCREW, ROTOR COVER ASY	
4	P005000700	1	SCREW, CABLE 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 ¹	
10	P005001270	1	PLUG	
11	P005001260	1	NEEDLE - HIGH SPEED	
12	P005000930	1	PURGE BASE ASY	
13	P005000270	1	SCREW, PURGE BASE ASY	
14	12538108660	1	BULB, PURGE	
15	P005000250	1	RETAINER, PURGE BULB	
16	12531061830	4	SCREW, PURGE BULB 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 ITEMS 21-30
21	P005001000	1	ROLLER, GUIDE	
22	-----	1	PIN, METERING LEVER	
23	-----	1	VALVE, INLET NEEDLE	
24	-----	1	LEVER, METERING	
25	-----	1	SPRING	
26	-----	1	STRAINER	
27	-----	1	DIAPHRAGM, PUMP	
28	-----	1	GASKET, PUMP	
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	

Footnotes

1: NOT AVAILABLE SEPARATELY



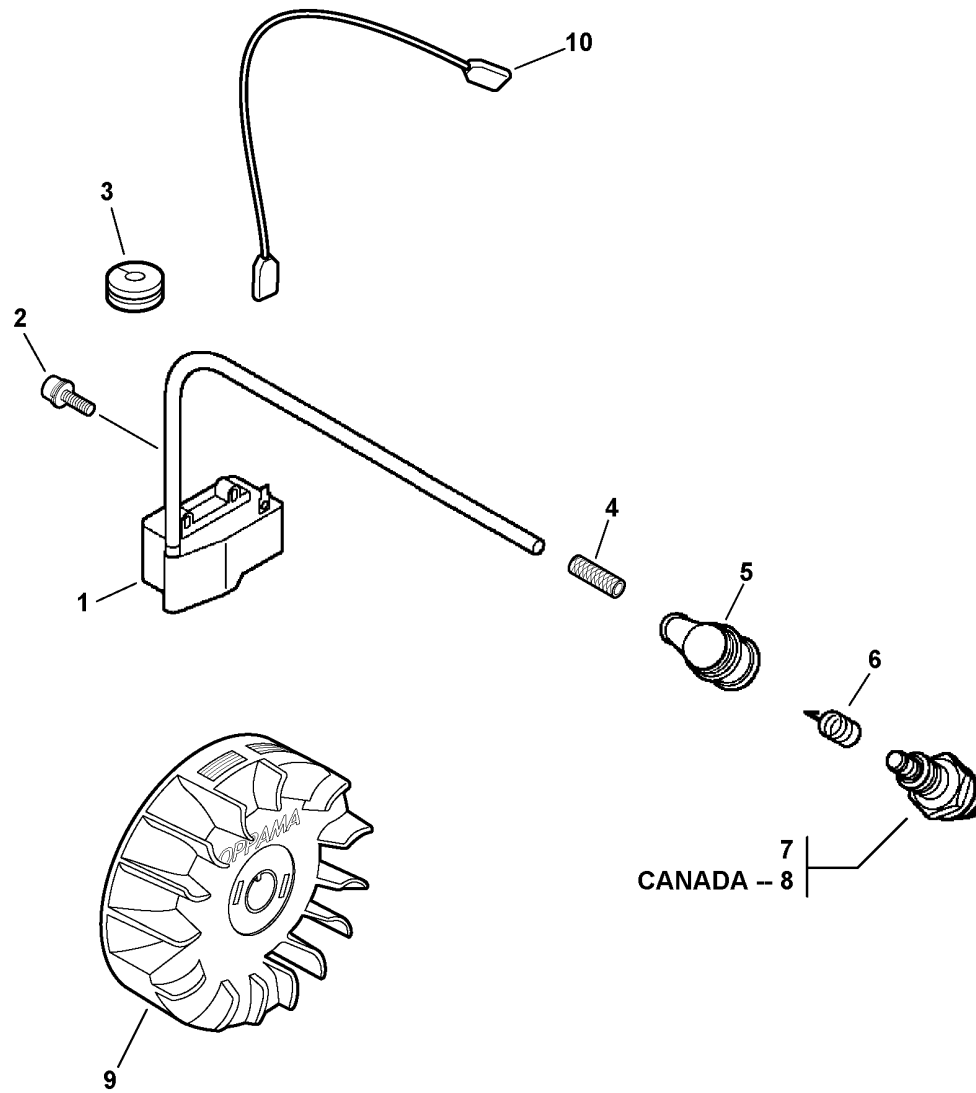
006 0009 000

PPF-211 Power Pruner
Exhaust

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	V104000420	1	SHIELD, EXHAUST ¹	
2	A300000141	1	MUFFLER	
3	V150000371	1	PLATE, EYE	
4	90010505055	2	SCREW 5X55	
5	V347000000	4	CONICAL WASHER	
6	14586240630	1	SCREEN, MUFFLER	
7	V104000360	1	GASKET, EXHAUST ¹	
8	A313000130	1	GUIDE, EXHAUST	
9	9136704010	5	SCREW 4X10	

Footnotes

1: Also Included In GASKET KIT



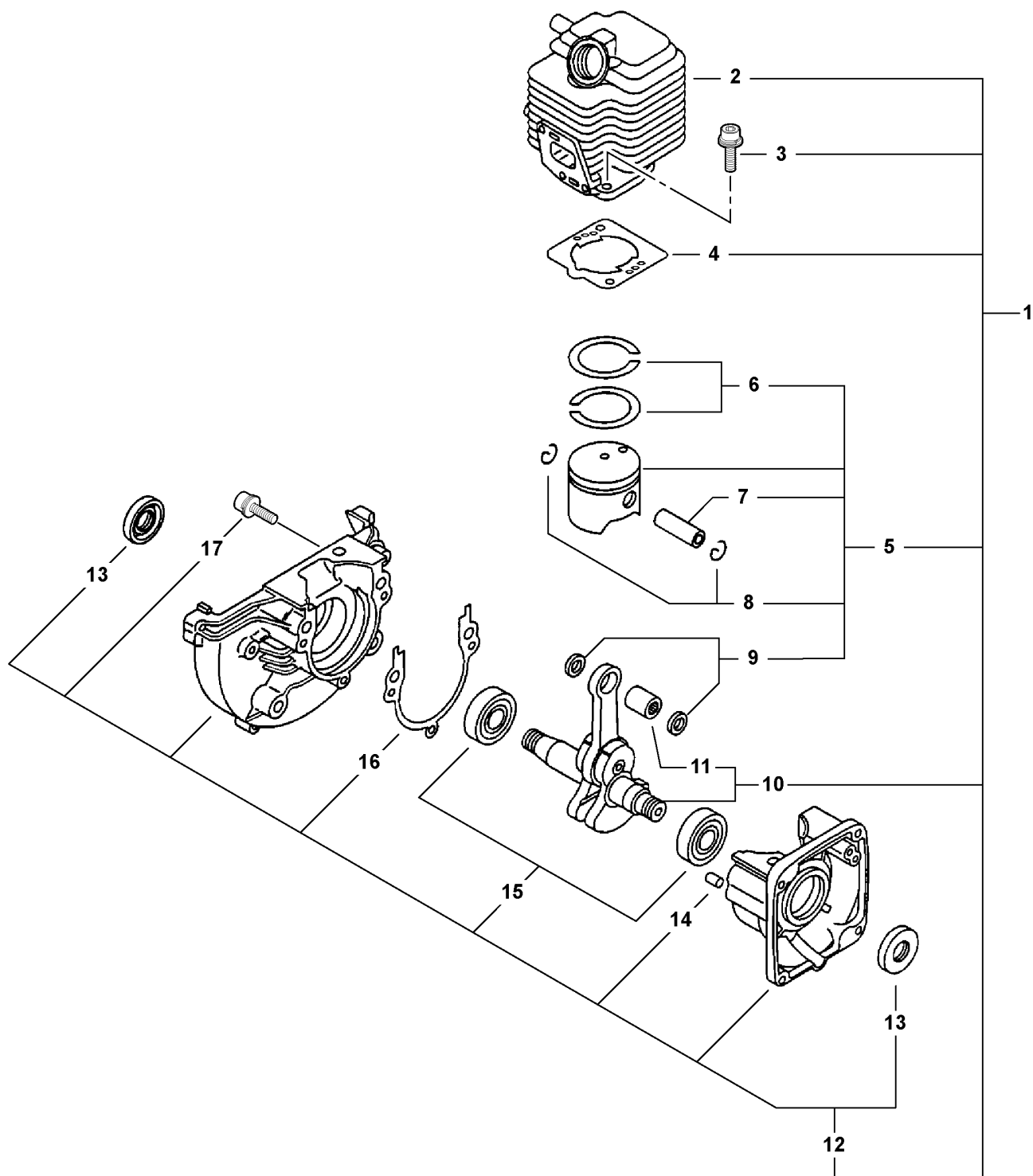
007 0038 000

PPF-211 Power Pruner
Ignition

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	A411000130	1	COIL, IGNITION	
2	90016204020	2	SCREW 4X20	
3	15011244330	1	GROMMET	
4	15611054930	1	TUBE, INSULATOR	
5	15901201620	1	CAP, SPARK PLUG	
6	15901103432	1	TERMINAL, SPARK PLUG CAP	
7	15901019830	1	SPARK PLUG -- BPM-8Y ¹	
8	A425000000	1	SPARK PLUG -- BPMR-8Y ¹	CANADA MODELS
9	A409000160	1	FLYWHEEL	
10	V485000290	1	LEAD, GROUND	

Footnotes

¹: Also Included In REPOWER TUNE-UP KIT

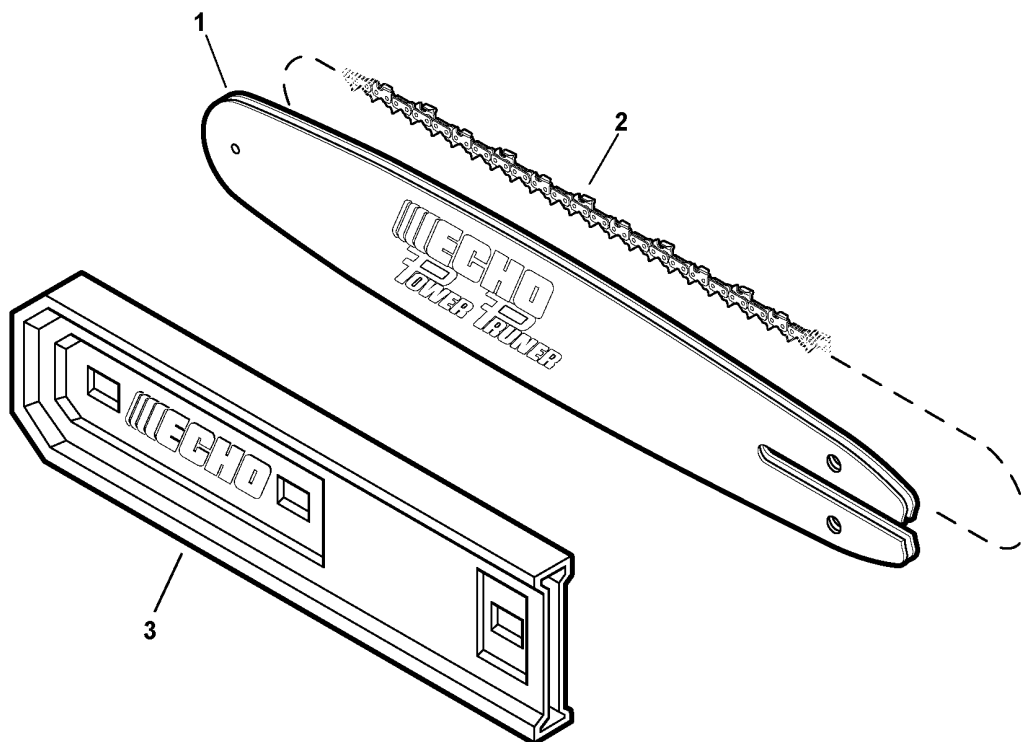


SB1065 0000 000

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	SB1065	1	SHORT BLOCK	INCLUDES ITEM 2-17
2	A130000430	1	CYLINDER	
3	90016205022	2	SCREW 5X22	
4	V100000080	1	GASKET, CYLINDER ¹	
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	A011000101	1	CRANKSHAFT ASY	INCLUDES ITEM 11
11	V553000010	1	BEARING, NEEDLE	
12	10020452131	1	CRANKCASE KIT ¹	INCLUDES ITEMS 13-17
13	10021242031	2	OIL SEAL	
14	V622000020	2	DOWEL PIN	
15	9403536201	2	BEARING, BALL - 6201	
16	10024242030	1	GASKET, CRANKCASE	
17	90016205028	3	SCREW 5X28	

Footnotes

1: Also Included In GASKET KIT



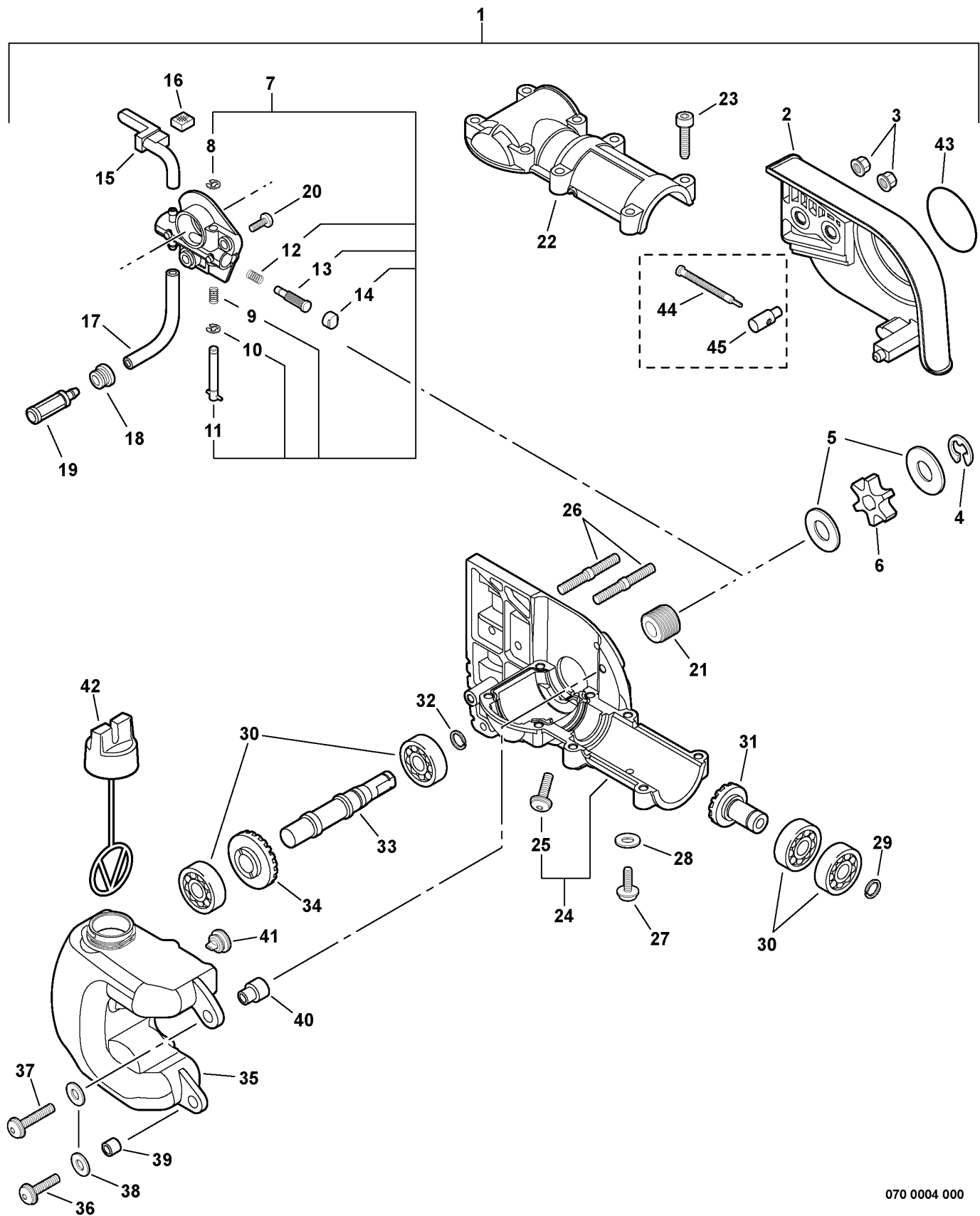
016 0012 000

PPF-211 Power Pruner**Guide Bar, Sawing Chain, Guide Bar Cover**

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	1102373901	1	GUIDE BAR - 10" -- Intenz ¹	GAUGE: .050"
2	1917039	1	SAWING CHAIN (91VS) - 10" -- Low Profile ¹	GAUGE: .050"
3	X490000060	1	COVER, GUIDE BAR	

Footnotes

1: .043" & .050" Gauge Chains & Guide Bars are NOT Interchangeable

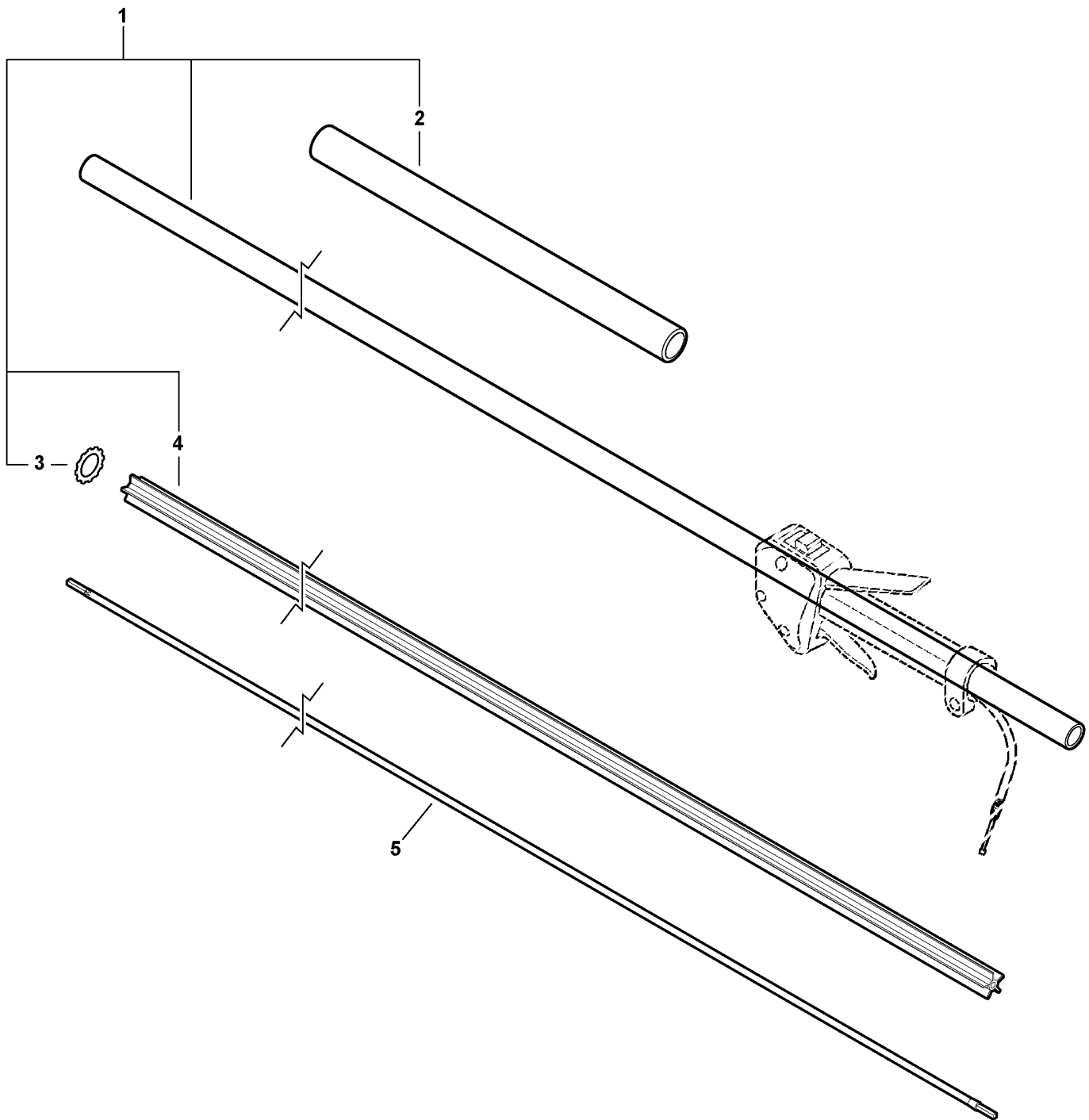


070 0004 000

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	90084	1	AUTO OILER/GEAR CASE ASY	INCLUDES ITEMS 2-43
2	C300000001	1	GUARD, SPROCKET	
3	43301903933	2	NUT 6	
4	V583000010	1	RING	
5	17501439131	2	WASHER	
6	C580000070	1	SPROCKET, DRIVE	
7	43700239130	1	AUTO-OILER ASY	INCLUDES ITEMS 8-14
8	12312715030	1	CLIP	
9	43701537330	1	SPRING, ADJUSTER	
10	43702937330	1	WASHER	
11	43701639130	1	ADJUSTER, OILER	
12	43701938330	1	SPRING, PLUNGER	
13	43702437330	1	PLUNGER ASY	
14	43706237330	1	CAP, OIL PUMP	
15	V470000180	1	PIPE, OIL OUTLET	
16	43724439130	1	PAD, FOAM	
17	13011014330	1	PIPE, OIL - 3X6X115mm	REPOWER BULK OPTION: 90015
18	13211501461	1	GROMMET	
19	43620502832	1	STRAINER, OIL	
20	90010905010	2	SCREW 5X10	
21	43706338330	1	GEAR, WORM	
22	C531000010	1	CASE, GEAR - UPPER	
23	90010905025	8	SCREW 5X25	
24	C051000110	1	CASE, GEAR - LOWER	INCLUDES ITEM 25
25	90010905010	1	SCREW 5X10	
26	V224000000	2	STUD BOLT 6	
27	90010905010	1	SCREW 5X10	
28	90060000005	1	WASHER	
29	90070600012	1	CIRCLIP 12	
30	9404206001	4	BEARING, BALL 6001	
31	V651000032	1	GEAR, BEVEL	Use BEVEL GEAR KIT P021009730
32	90070600012	1	CIRCLIP 12	
33	C534000180	1	SHAFT, GEAR	
34	V651000111	1	GEAR, BEVEL	Use BEVEL GEAR KIT P021009730
35	C200000000	1	TANK, OIL	
36	9110905016	2	SCREW 5X16	
37	90010905025	1	SCREW 5X25	
38	90060300005	3	WASHER	
39	13104528230	2	SPACER	
40	V354000010	1	COLLAR 6	
41	13131406320	1	VENT ASY	
42	P021000951	1	OIL CAP ASY	
43	X502000310	1	LABEL - ECHO	
44	43301639131	1	SCREW, ADJUSMENT ¹	Not Included In 90084 OILER/GEAR CASE ASY
45	43301403931	1	TENSIONER ¹	Not Included In 90084 OILER/GEAR CASE ASY

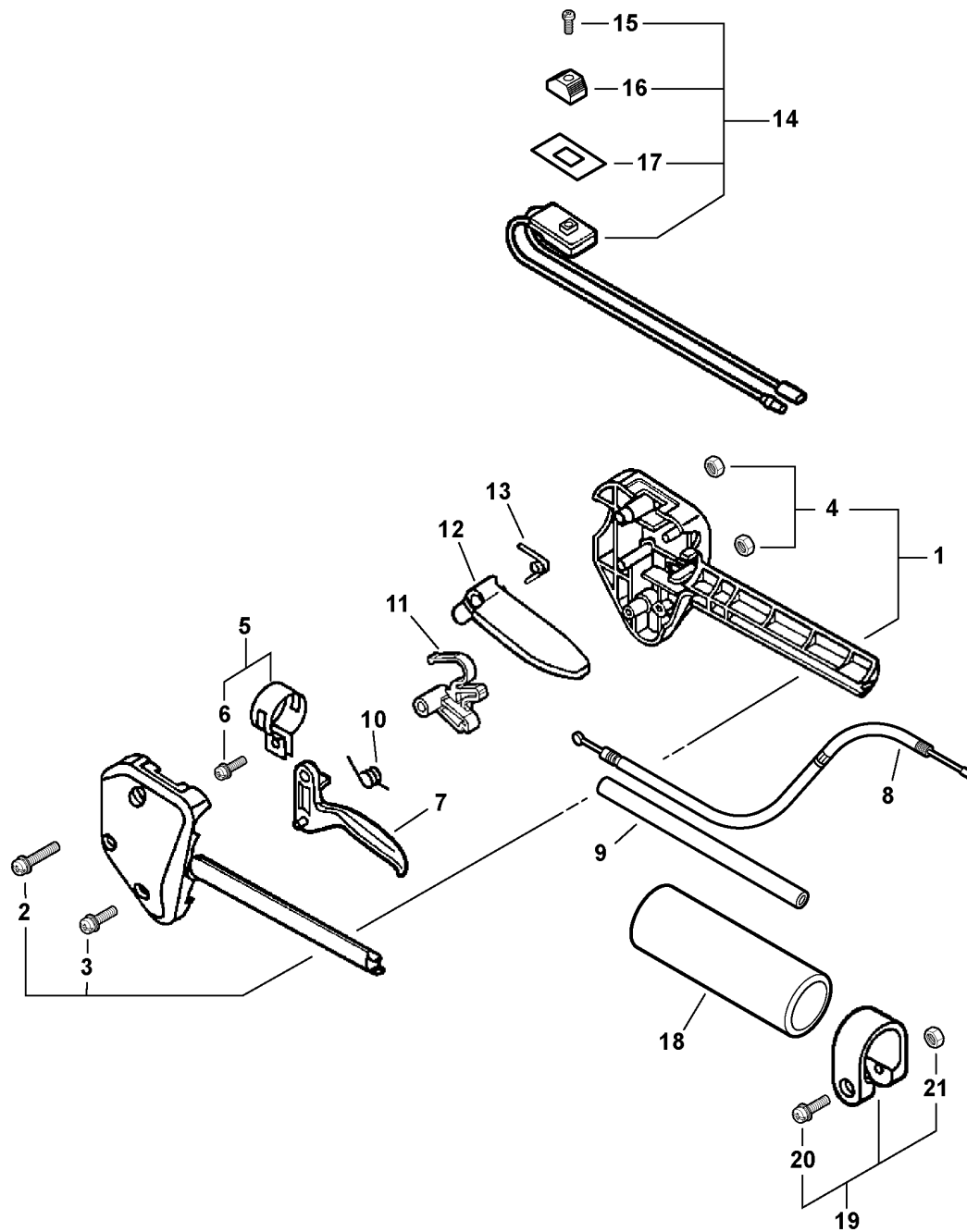
Footnotes

1: For Use With Standard Guide Bar (INTENZ Guide Bar Not Used)



031 0018 000

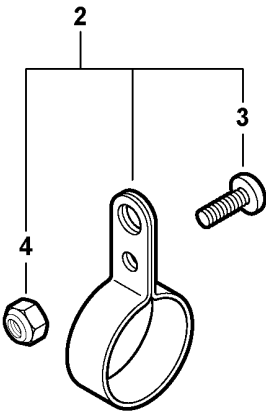
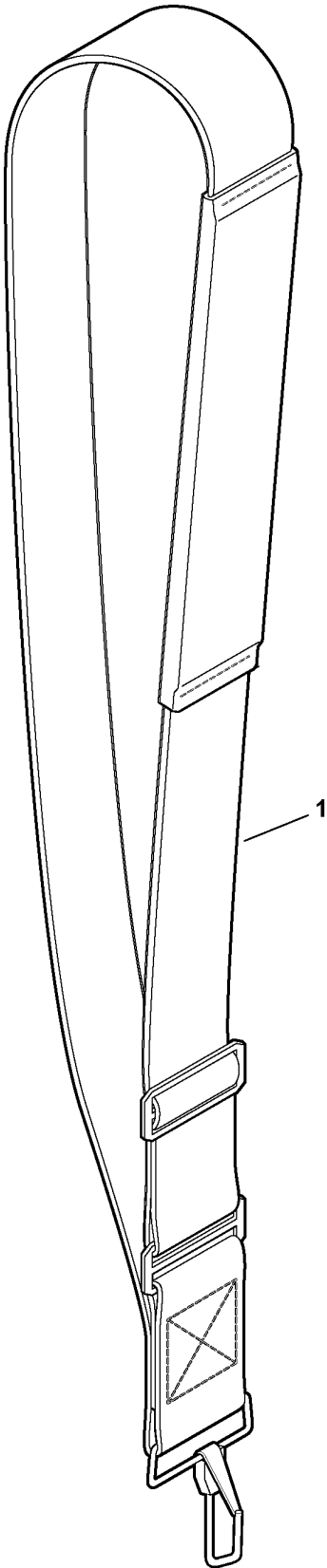
ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	61060924661	1	MAIN PIPE ASY	INCLUDES ITEMS 2-4
2	35131122060	1	GRIP, FRONT	
3	90003800100	1	RING, EXTERNAL TOOTH	
4	61021722060	1	LINER	
5	61001322060	1	DRIVESHAFT - FLEXIBLE	



030 0021 000

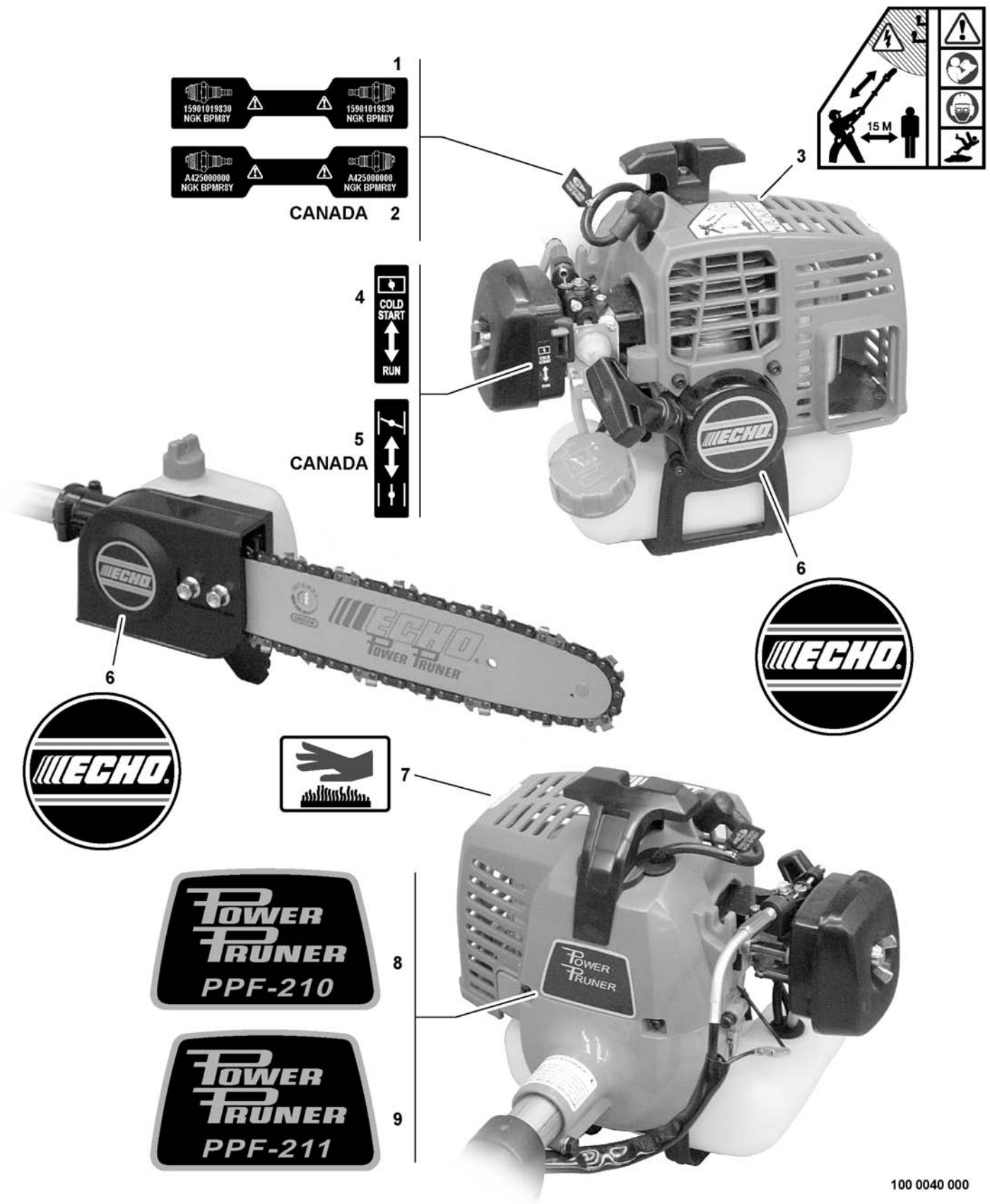
PPF-211 Power Pruner
Control Handle, Throttle Cable, Ignition Switch

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	17800352130	1	CONTROL HANDLE KIT	INCLUDES ITEMS 2-4
2	90024205035	1	SCREW 5X35	
3	90024205025	1	SCREW 5X25	
4	90050000005	2	NUT 5	
5	30120029430	1	BAND ASY	INCLUDES ITEM 6
6	90024205014	1	SCREW 5X14	
7	17801052130	1	TRIGGER, THROTTLE	
8	V430000671	1	CABLE, THROTTLE	
9	17812750330	1	TUBE, VINYL	
10	17804342230	1	SPRING, THROTTLE RETURN	
11	17801252730	1	LOCKOUT, THROTTLE	
12	17809052632	1	LEVER, THROTTLE LOCKOUT	
13	17801352630	1	SPRING, THROTTLE LOCKOUT	
14	16340155631	1	SWITCH, IGNITION	INCLUDES ITEMS 15-17
15	9154503010	1	SCREW 3X10	
16	16341049231	1	KNOB, SWITCH	
17	89015712330	1	LABEL, SWITCH	
18	35121352130	1	GRIP, HANDLE	
19	61027252130	1	CLAMP KIT	INCLUDES ITEMS 20-21
20	90024205028	1	SCREW 5X28	
21	90050000005	1	NUT 5	



700 0003 000

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	30100022060	1	STRAP, SHOULDER	
2	30060522060	1	SHOULDER STRAP MOUNT KIT	INCLUDES ITEMS 3-4
3	90005300200	1	SCREW	
4	90003150100	1	LOCKNUT	



PPF-211 Power Pruner**Labels**

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	X532000671	1	LABEL - SPARK PLUG -- BPM-8Y	
2	X532000720	1	LABEL - SPARK PLUG -- BPMR-8Y	CANADA MODELS
3	89016022660	1	LABEL - CAUTION	
4	89012152730	1	LABEL - CHOKE	
5	89033252730	1	LABEL - CHOKE	CANADA MODELS
6	X502000310	2	LABEL - ECHO	
7	89016006361	1	LABEL - CAUTION -- HOT	
8	X503001020	1	LABEL - MODEL -- PPF-210	
9	X503001370	1	LABEL - MODEL -- PPF-211	

Use Gasket Kit	Contains:	Service Number	Description
P021004270		10024242030	GASKET, CRANKCASE
		13001013410	GASKET, INTAKE
		13001042032	GASKET, INTAKE
		14586642031	GASKET, EXHAUST
		V100000080	GASKET, CYLINDER
		V104000360	GASKET, EXHAUST
		V104000420	SHIELD, EXHAUST
		V104000440	GASKET, EXHAUST

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	P021004270	1	GASKET KIT	

SOCKET WRENCH W/SCREWDRIVER (Also Remove Spark Plugs)

1 - 89541010630 -- 17X19mm

2 - X602000020 -- 17X19mm

3 - 89541039131 -- 10X19mm

4 - 89541006960 -- 13X19mm

SOCKET WRENCH

5 - X602000031 -- 17X14.5mm

LOCKING BAR

6 - 89751801131 -- 5X120mm

OPEN END WRENCH

7 - 89511200330 -- 8X10mm

8 - 89512220960 -- 17X19mm

9 - 89501505260 -- 10mm

HEX BAR

10 - 89541220960 -- 10mm

L-WRENCH

11 - 89561203430 -- 3mm HEX KEY

12 - 89561000130 -- 4mm HEX KEY

13 - 89561100330 -- 5mm HEX KEY

14 - X605000050 -- 3mm TORX

SCREWDRIVER

15 - 89581100130 -- 125mm SLOTTED

16 - 89581203930 -- 50mm PHILLIPS

200 0002 000

PPF-211 Power Pruner

Tools

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	89541010630	1	SOCKET WRENCH/SCREWDRIVER -- 17X19mm	
2	X602000020	1	SOCKET WRENCH/SCREWDRIVER -- 17X19mm	
3	89541039131	1	SOCKET WRENCH/SCREWDRIVER -- 10X19mm	
4	89541006960	1	SOCKET WRENCH/SCREWDRIVER -- 13X19mm	
5	X602000031	1	SOCKET WRENCH -- 17X14.5mm	
6	89751801131	1	LOCKING BAR -- 5X120mm	
7	89511200330	1	OPEN END WRENCH-- 8X10mm	
8	89512220960	1	OPEN END WRENCH-- 17X19mm	
9	89501505260	1	OPEN END WRENCH-- 10mm	
10	89541220960	1	HEX BAR -- 10mm	
11	89561203430	1	HEX KEY -- 3mm	
12	89561000130	1	HEX KEY -- 4mm	
13	89561100330	1	HEX KEY -- 5mm	
14	X605000050	1	L-WRENCH -- 3mm TORX	
15	89581100130	1	SCREWDRIVER -- SLOTTED	
16	89581203930	1	SCREWDRIVER -- PHILLIPS	



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ECHO, INCORPORATED

400 Oakwood Road
Lake Zurich, IL 60047 USA

WWW.ECHO-USA.COM
