



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 02001001 - 02999999

ECHO, INCORPORATED

400 Oakwood Road Lake Zurich, Illinois 60047 USA

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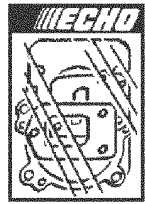
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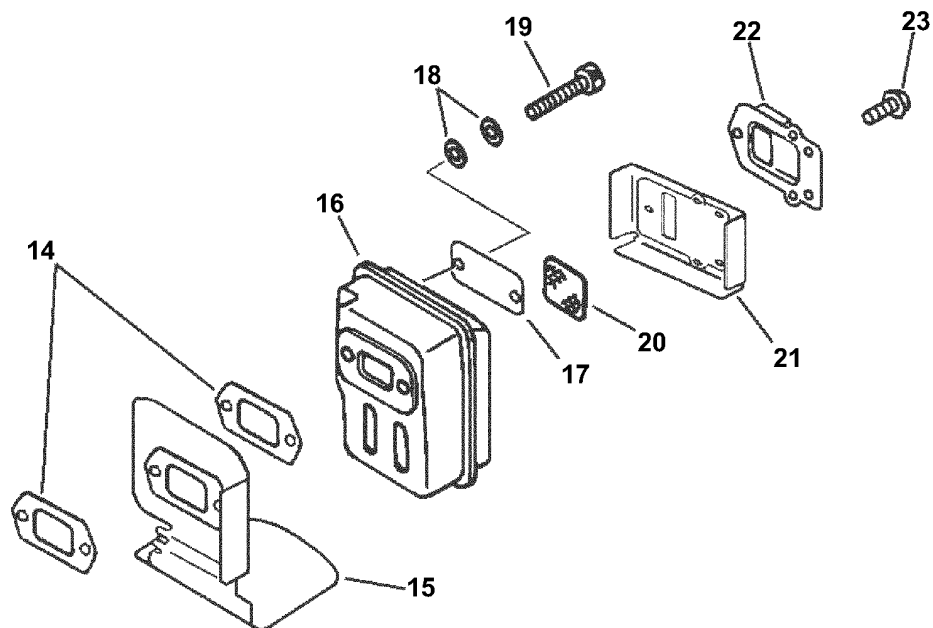
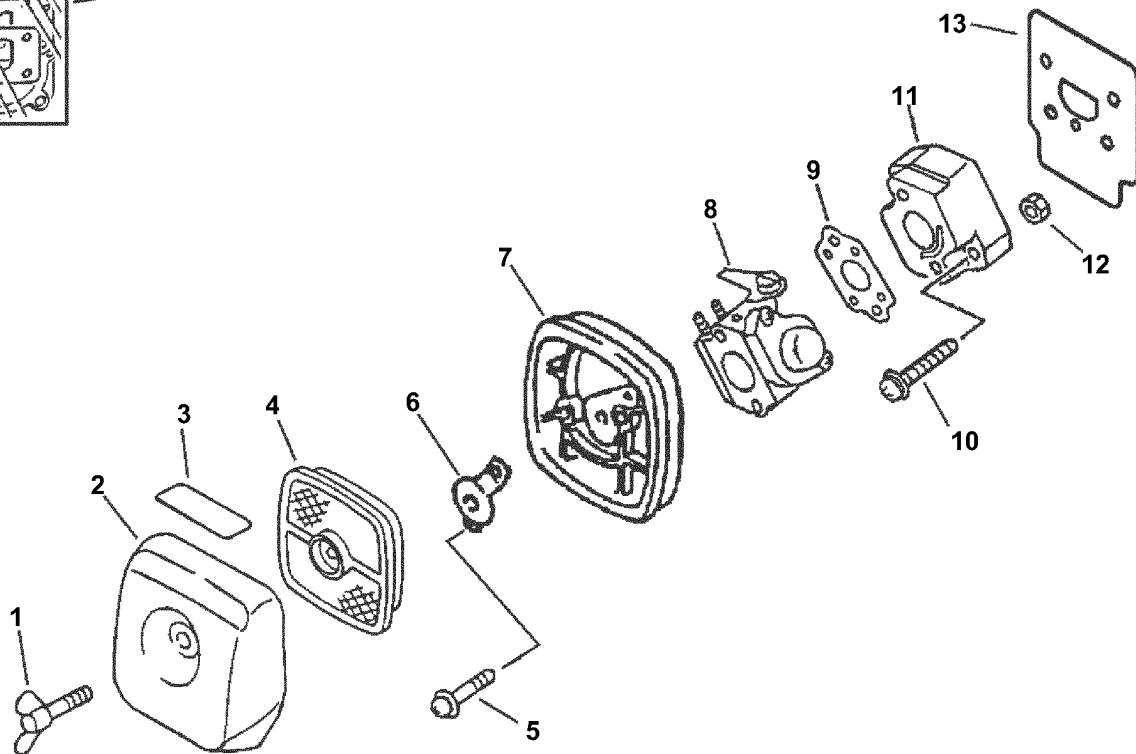
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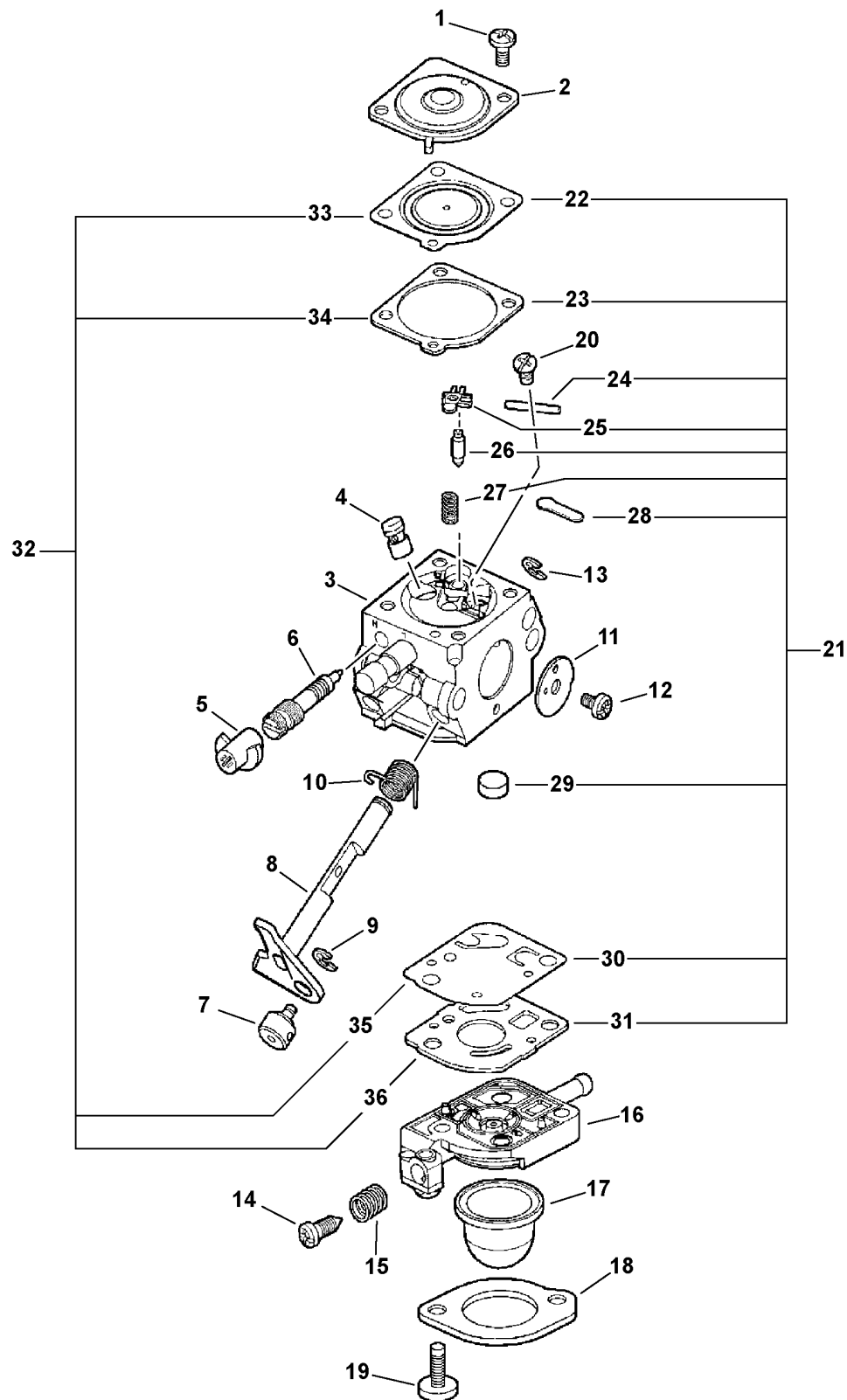
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**GASKET KIT**

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ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	21041752730	1	WING BOLT	
2	13031305863	1	COVER, AIR CLEANER	
3	89012106360	1	LABEL, CHOKE	
4	13031054130	1	FILTER, AIR	
5	90024205065	2	SCREW 5X65	
6	12901152730	1	PLATE, PREVENT	
7	P021001770	1	CASE, AIR CLEANER	
8	A021000110	1	CARBURETOR -- C1U-K58	
9	V103000111	1	GASKET, INTAKE	Also Included In GASKET KIT
10	90023805020	2	SCREW	
11	13001742031	1	INSULATOR	
12	90050000005	2	NUT 5	
13	13001042032	1	SHIELD, INTAKE	Also Included In GASKET KIT
14	V104000160	2	GASKET, EXHAUST	Also Included In GASKET KIT
15	V104000101	1	SHIELD, EXHAUST	Also Included In GASKET KIT
16	A300000141	1	MUFFLER	
17	V150000371	1	PLATE, EYE	
18	V347000000	4	WASHER, CONICAL	
19	90010505055	2	SCREW 5X55	
20	14586240630	1	SCREEN, MUFFLER	
21	V104000360	1	GASKET, EXHAUST	
22	A313000130	1	GUIDE, EXHAUST	
23	913704010	5	SCREW 4X10	
24	P021001591	1	GASKET KIT	

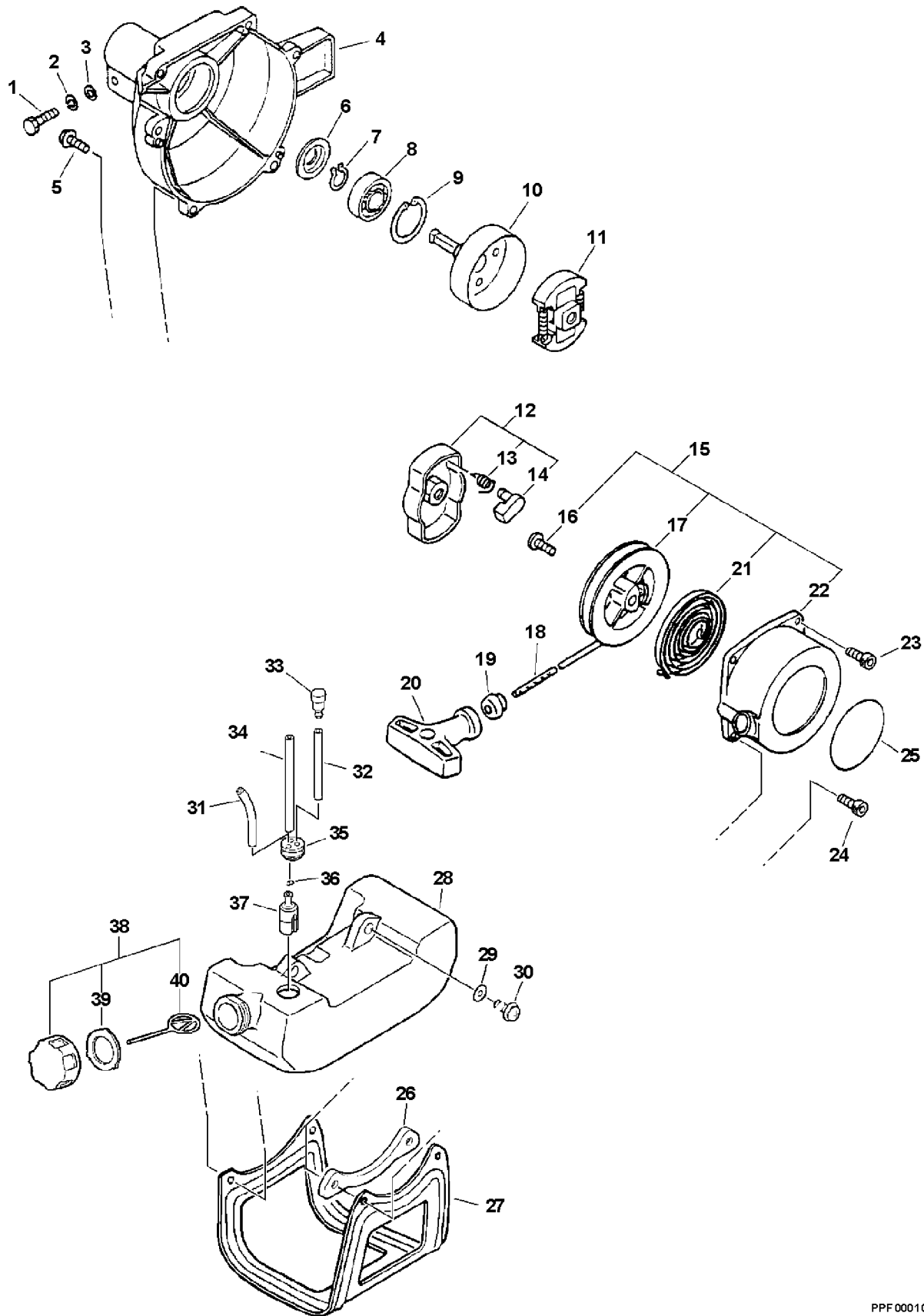


C1UK58 0001 000

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
	A021000110	1	CARBURETOR -- C1U-K58	
1	12534452130	2	SCREW, METERING DIAPHRAGM COVER	
2	12534213210	1	COVER, METERING DIAPHRAGM	
3	-----	1	BODY, CARBURETOR ¹	
4	12537613120	1	NOZZLE, CHECK VALVE	
5	12532908560	1	CAP, LIMITER - HIGH SPEED	
6	P005000400	1	NEEDLE - HIGH SPEED	
7	12537242030	1	SWIVEL	
8	P005000390	1	SHAFT, THROTTLE	
9	12532713930	1	CLIP, SWIVEL	
10	12531342030	1	SPRING, THROTTLE RETURN	
11	12531649030	1	VALVE, THROTTLE	
12	12531413930	1	SCREW, THROTTLE VALVE	
13	12532715130	1	CLIP, THROTTLE SHAFT	
14	12533406960	1	SCREW, IDLE ADJUST	
15	12533306960	1	SPRING, IDLE ADJUST	
16	12538313310	1	BASE, PURGE	
17	12538108660	1	BULB, PURGE	
18	12536311610	1	RETAINER, PURGE BULB	
19	12531011610	2	SCREW, PURGE BASE	
20	12533942030	1	SCREW, METERING LEVER PIN	
21	P005000580	1	REPAIR KIT	INCLUDES ITEM 22-31
22	-----	1	DIAPHRAGM, METERING	
23	-----	1	GASKET, METERING DIAPHRAGM	
24	-----	1	PIN, METERING LEVER	
25	-----	1	LEVER, METERING	
26	-----	1	VALVE, INLET NEEDLE	
27	-----	1	SPRING, METERING LEVER	
28	-----	1	WELCH PLUG	
29	-----	1	STRAINER	
30	-----	1	DIAPHRAGM, FUEL PUMP	
31	-----	1	GASKET, FUEL PUMP	
32	12530313310	1	DIAPHRAGM/GASKET KIT	INCLUDES ITEM 33-36
33	-----	1	DIAPHRAGM, METERING	
34	-----	1	GASKET, METERING DIAPHRAGM	
35	-----	1	DIAPHRAGM, FUEL PUMP	
36	-----	1	GASKET, FUEL PUMP	

Footnotes

1: NOT AVAILABLE SEPARATELY

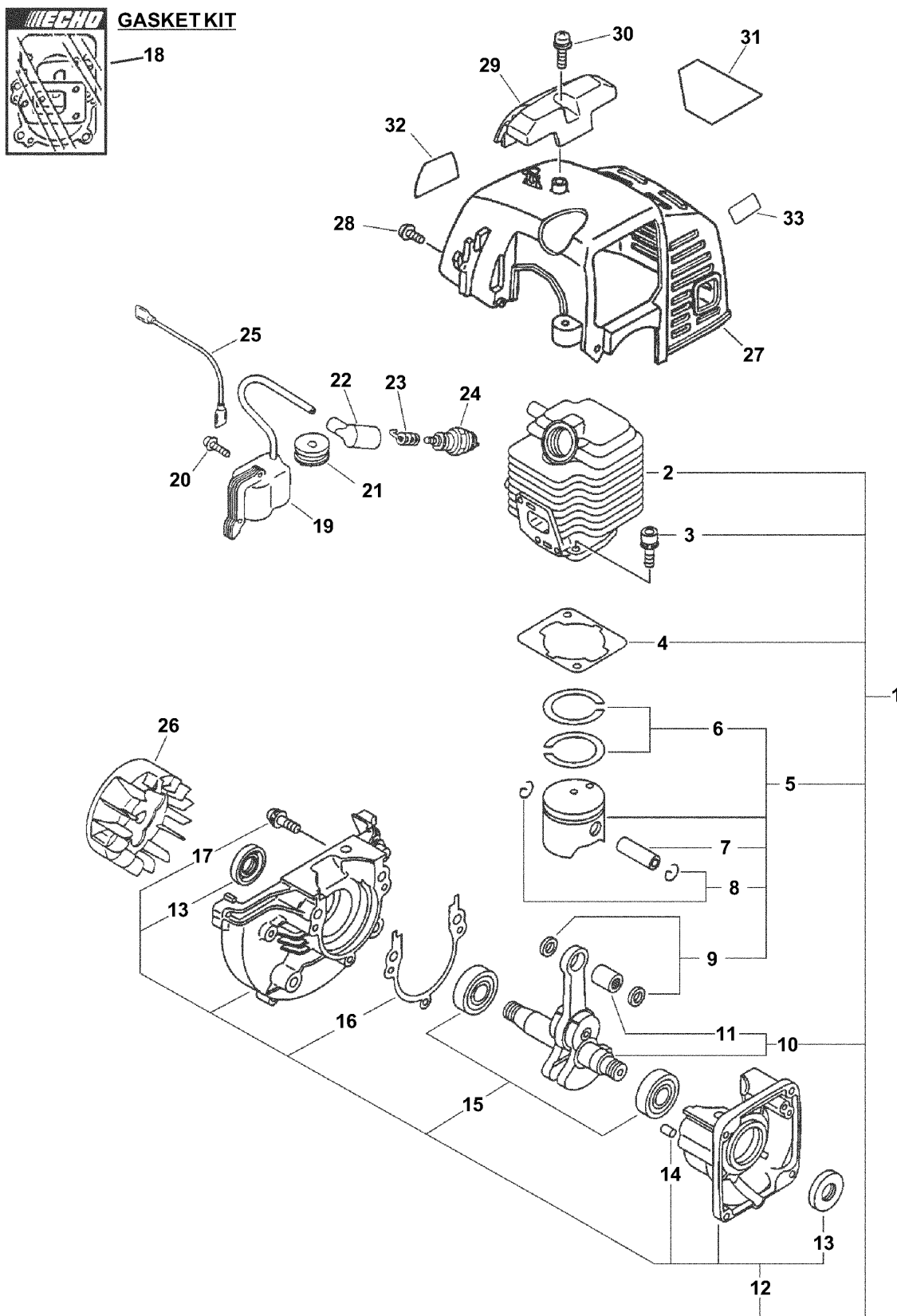


PPF 000100000

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	90015105025	1	BOLT 5X25	
2	90060500005	1	SPRING WASHER 5	
3	90060000005	1	WASHER 5	
4	10151144630	1	COVER, FAN	
5	90016304016	4	SCREW 4X16	
6	17505304920	1	STOPPER	
7	90070100012	1	CIRCLIP 12	
8	90081406201	1	BEARING, BALL 6201	
9	90070200032	1	CIRCLIP 32	
10	17500542030	1	DRUM, CLUTCH	
11	17500056830	1	CLUTCH ASY	
12	17720244331	1	STARTER PAWL ASY	INCLUDES ITEMS 13-14
13	17723442030	1	SPRING, RETURN	
14	17721844330	1	PAWL, STARTER	
15	17720042033	1	STARTER ASY	INCLUDES ITEMS 16-22
16	17723644330	1	SCREW	
17	17721544430	1	DRUM, STARTER	
18	17722610120	1	ROPE, STARTER - 3X1000mm ¹	REPOWER BULK OPTION: 99944440000
19	17722742030	1	GUIDE, ROPE	
20	17722806530	1	GRIP, STARTER	
21	17722042030	1	SPRING, REWIND	
22	17723242032	1	CASE, STARTER	
23	90016304016	2	SCREW 4X16	
24	90016204020	2	SCREW 4X20	
25	X502000190	1	LABEL, ECHO	
26	V150001640	1	EYE PLATE	
27	30511042030	1	STAND	
28	A350000220	1	TANK, FUEL	INCLUDES ITEM 29
29	90060300005	2	WASHER 5	
30	90023805020	2	SCREW 5X20	
31	13201056330	1	PIPE, RETURN - 3X6X90mm	REPOWER BULK OPTION: 90017
32	V471001200	1	PIPE, VENT - 3X5X70mm	REPOWER BULK OPTION: 90014
33	A356000030	1	VENT ASY	
34	V471001190	1	PIPE, FUEL - 3X5X180mm	REPOWER BULK OPTION: 90014
35	V137000030	1	GROMMET	
36	13201309820	1	CLIP	
37	13120507320	1	FILTER, FUEL	
38	13100455530	1	CAP ASY	INCLUDES ITEMS 39-40
39	13101655830	1	GASKET, FUEL TANK CAP	
40	13105156030	1	CONNECTOR, FUEL CAP	

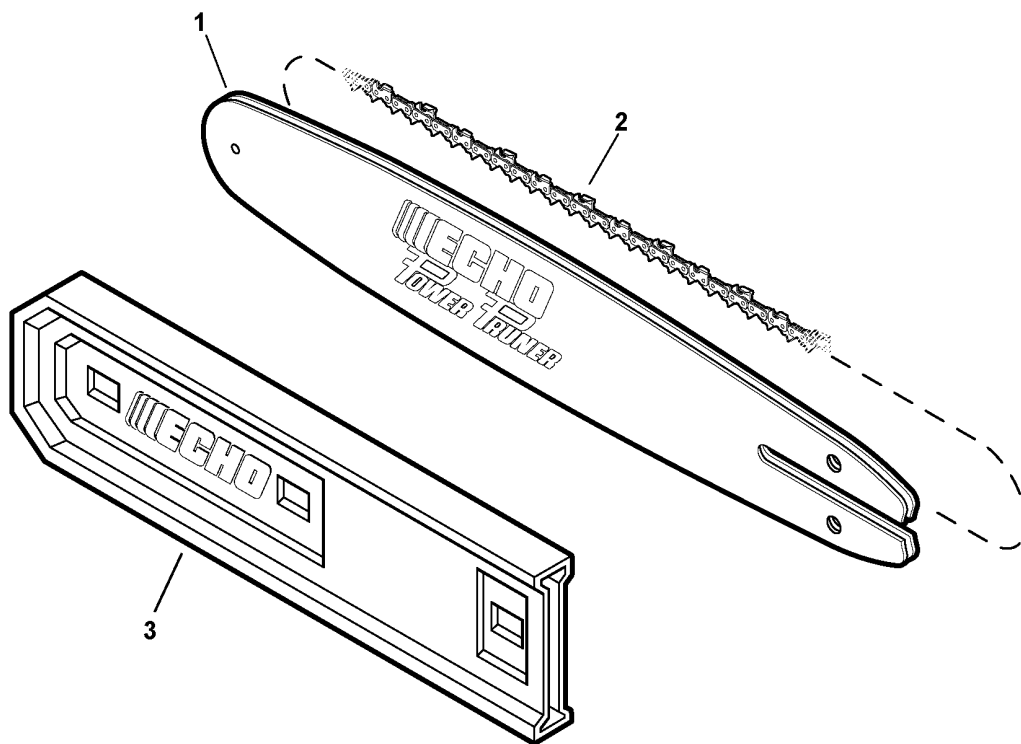
Footnotes

1: BULK OPTION: 99944444000



PPF-211 Power Pruner
Engine, Short Block, Ignition, Cylinder Cover

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	SB1048	1	SHORT BLOCK	INCLUDES 2-17; OPTIONAL ENGINE REPOWER
2	A130000091	1	CYLINDER	
3	90016205022	2	SCREW 5X22	
4	V100000020	1	GASKET, CYLINDER	Also Included In GASKET KIT
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	10010044733	1	CRANKSHAFT ASY	INCLUDES ITEM 11
11	10001251230	1	BEARING, NEEDLE	
12	10020452130	1	CRANKCASE KIT	INCLUDES ITEMS 13-17
13	10021242030	2	OIL SEAL	
14	V622000020	2	DOWEL PIN	
15	9403536201	2	BEARING, BALL - 6201	
16	10024242030	1	GASKET, CRANKCASE	Also Included In GASKET KIT
17	90016205028	3	SCREW 5X28	
18	P021001591	1	GASKET KIT	
19	15660152130	1	COIL, IGNITION	
20	90016204022	2	SCREW 4X22	
21	15011244330	1	GROMMET	
22	15901201620	1	CAP, SPARK PLUG	
23	15901103432	1	TERMINAL, SPARK PLUG CAP	
24	15901010630	1	SPARK PLUG -- BPM-7A	
25	16202152830	1	LEAD, IGNITION	
26	A409000100	1	FLYWHEEL	
27	A160000192	1	COVER, CYLINDER	
28	90023804012	2	SCREW 4X12	
29	15991244530	1	GUARD, TOP	
30	90025305016	1	SCREW 5X16	
31	89016022660	1	LABEL - CAUTION	
32	X503001370	1	LABEL - MODEL -- PPF-211	
33	89016006361	1	LABEL - CAUTION -- HOT	



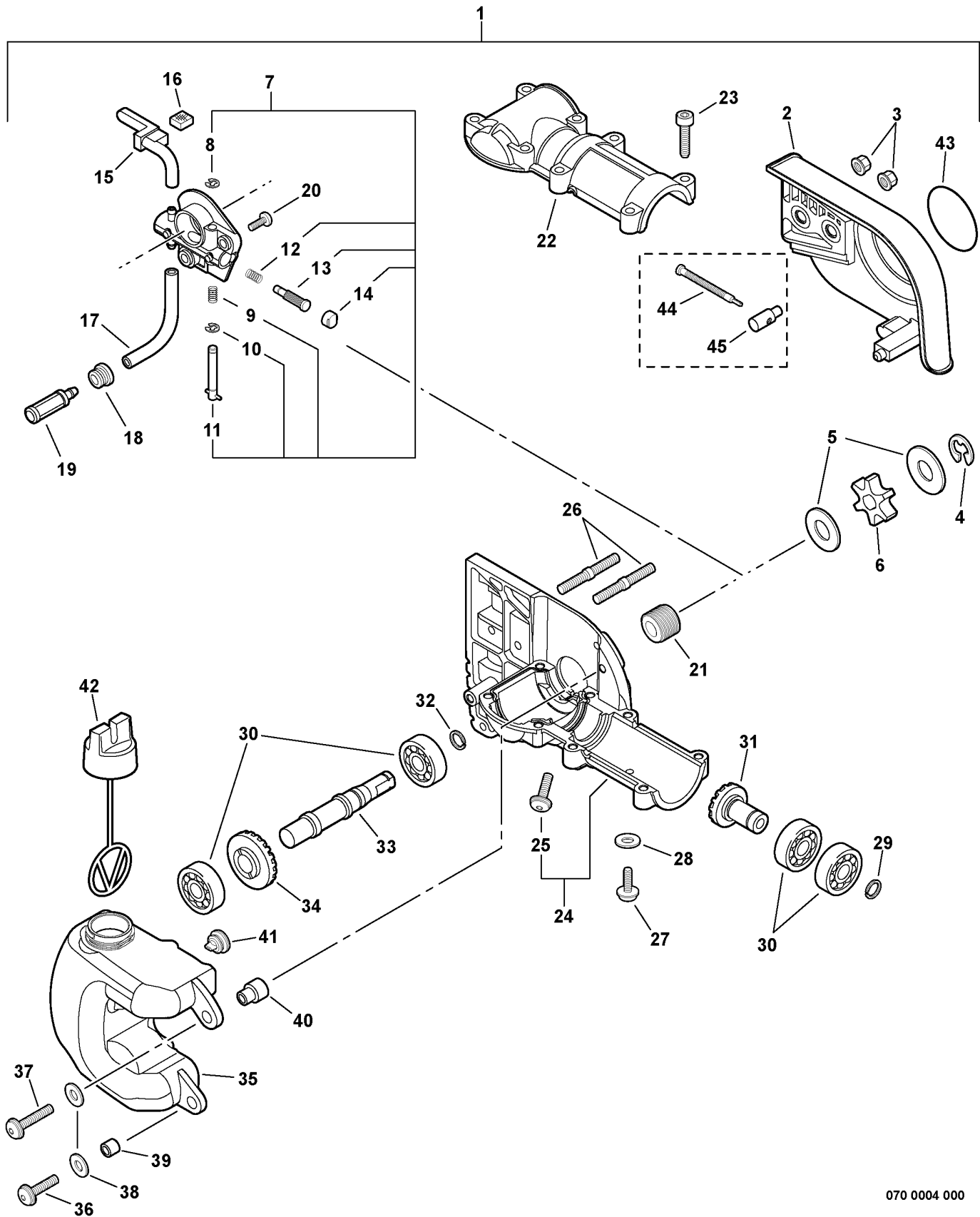
016 0012 000

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

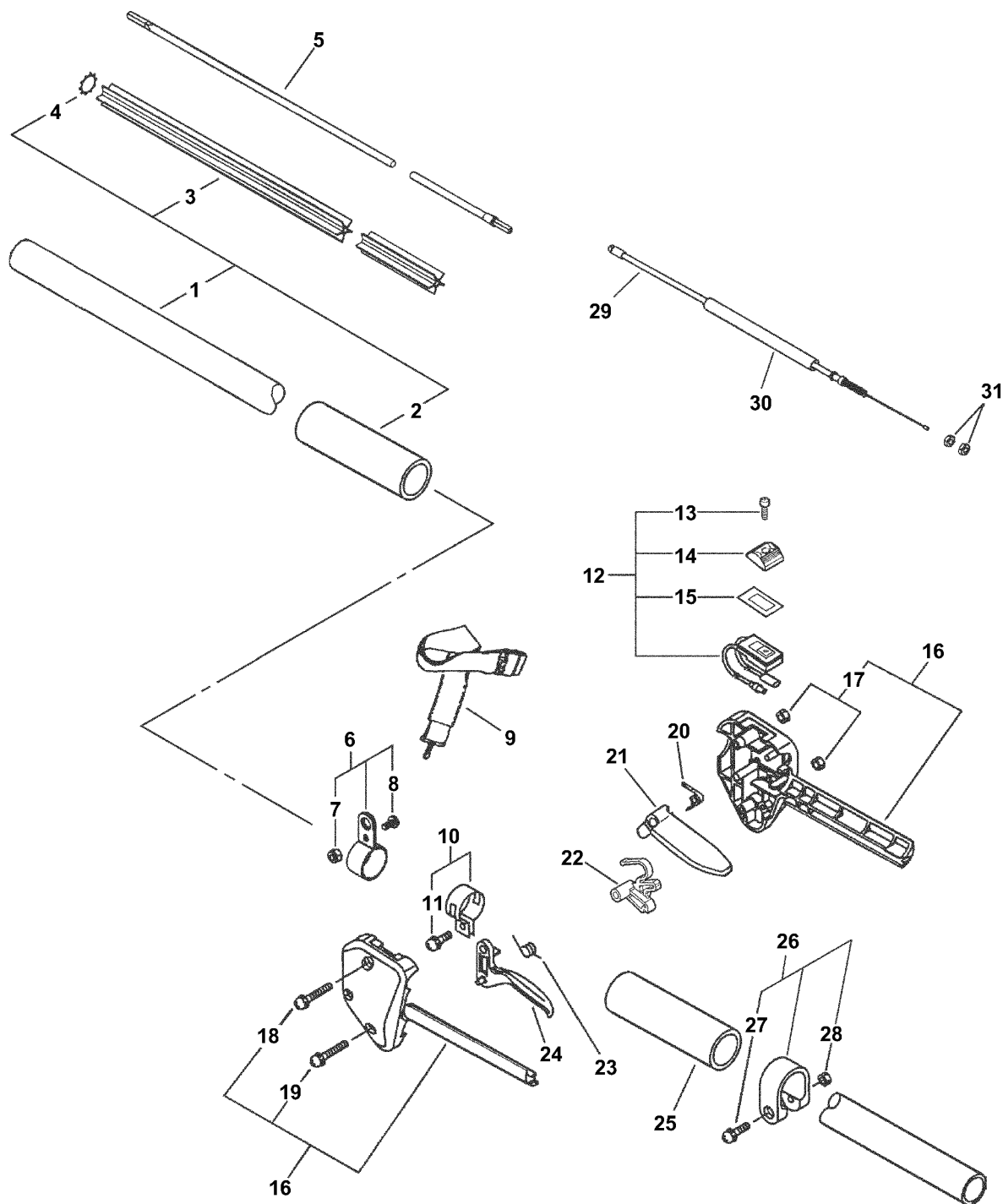


070 0004 000

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)



PPF-211 Power Pruner
Handle, Stop Switch, Throttle Cable, Driveshaft

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	61060924661	1	SHAFT TUBE ASY	INCLUDES ITEMS 2-4
2	35131122060	1	GRIP, FRONT	
3	61021722060	1	LINER	
4	90003800100	1	RING, EXTERNAL TOOTH	
5	61001322060	1	DRIVESHAFT - FLEXIBLE	
6	30060522060	1	HARNES MOUNT KIT	INCLUDES ITEMS 7-8
7	90003150100	1	LOCKNUT	
8	90005300200	1	SCREW	
9	30100022060	1	HARNESS, SHOULDER	
10	30120029430	1	BAND KIT	INCLUDES ITEM 11
11	90024205014	1	SCREW 5X14	
12	16340155631	1	SWITCH, STOP	INCLUDES ITEMS 13-15
13	9154503010	1	SCREW 3X10	
14	16341049231	1	KNOB, SWITCH	
15	89015712330	1	LABEL, SWITCH - STOP	
16	17800352130	1	CONTROL HANDLE KIT	INCLUDES ITEMS 17-19
17	90050000005	2	NUT 5	
18	90024205035	1	SCREW 5X35	
19	90024205025	1	SCREW 5X25	
20	17801352630	1	SPRING, THROTTLE LOCKOUT	
21	17809052631	1	LOCKOUT, THROTTLE TRIGGER	
22	17801252730	1	LOCKOUT, THROTTLE TRIGGER	
23	17804342230	1	SPRING, TRIGGER	
24	17801052130	1	TRIGGER, THROTTLE	
25	35121352130	1	GRIP, HANDLE	
26	61027252130	1	CLAMP KIT	INCLUDES ITEMS 27-28
27	90024205028	1	SCREW	
28	90050000005	1	NUT	
29	17800144430	1	CABLE, THROTTLE	
30	17812706960	1	TUBE	
31	90050200006	2	NUT 6	

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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NOTES



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