



**P  
TOWER  
P  
TRUNER™**

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**MODEL: PP400**

**TYPE 1**

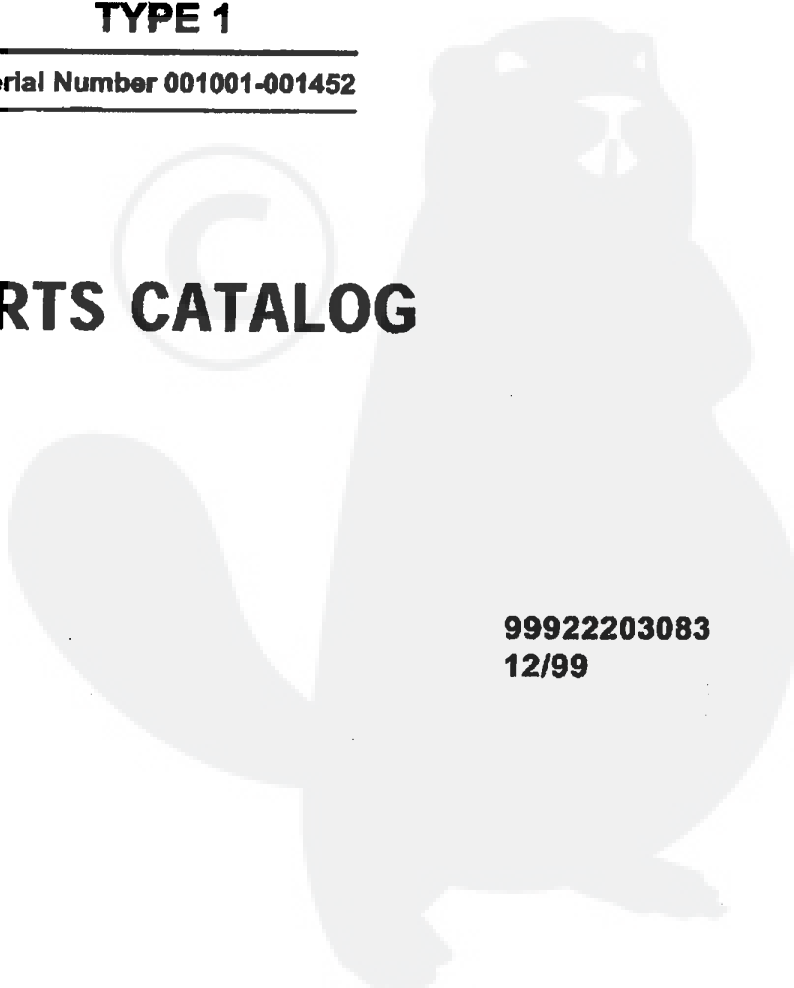
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**Serial Number 001001-001452**

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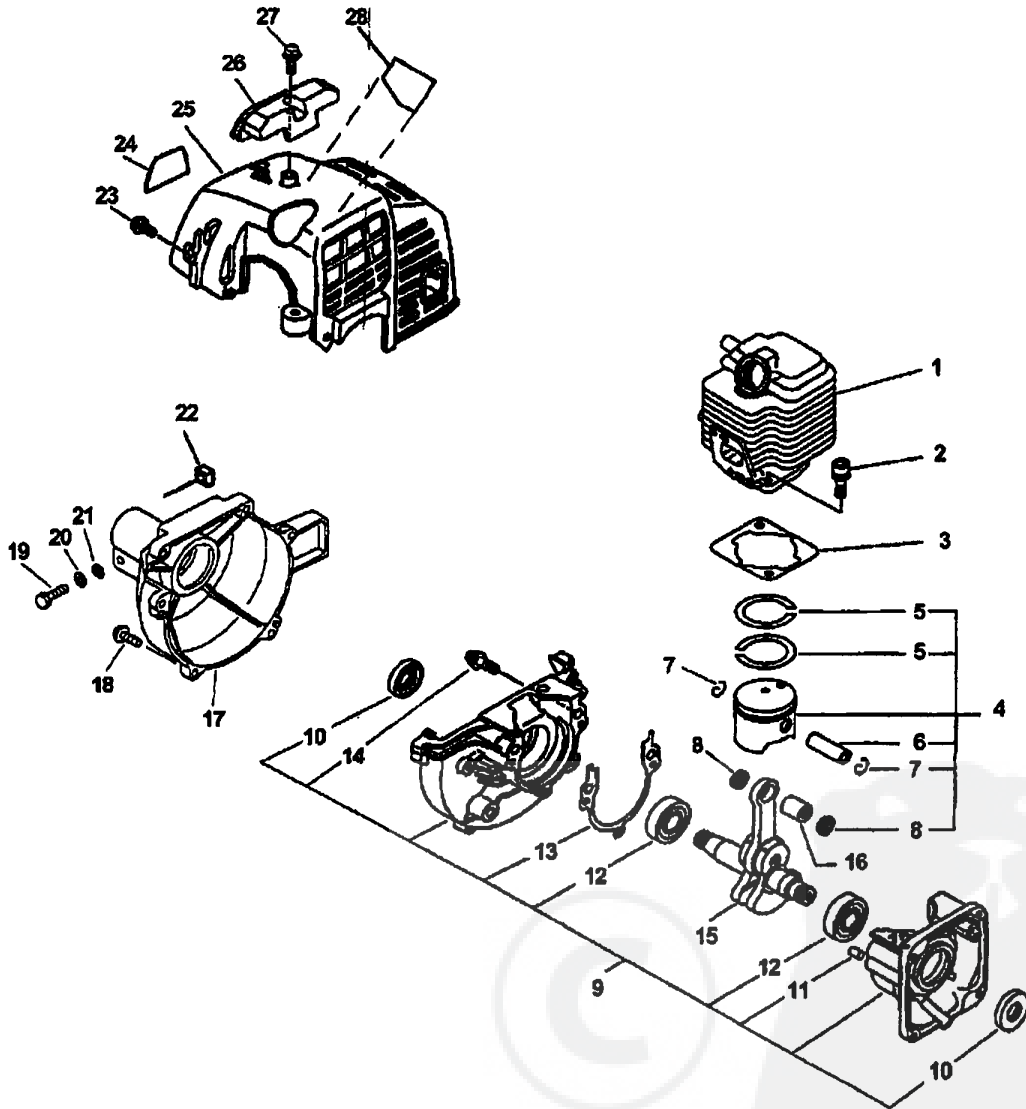
**PARTS CATALOG**

**99922203083  
12/99**



**PP400 TYPE 1**

**ENGINE\EXTERNAL, INTERNAL, CRANKCASE, FAN HOUSING, COVER**



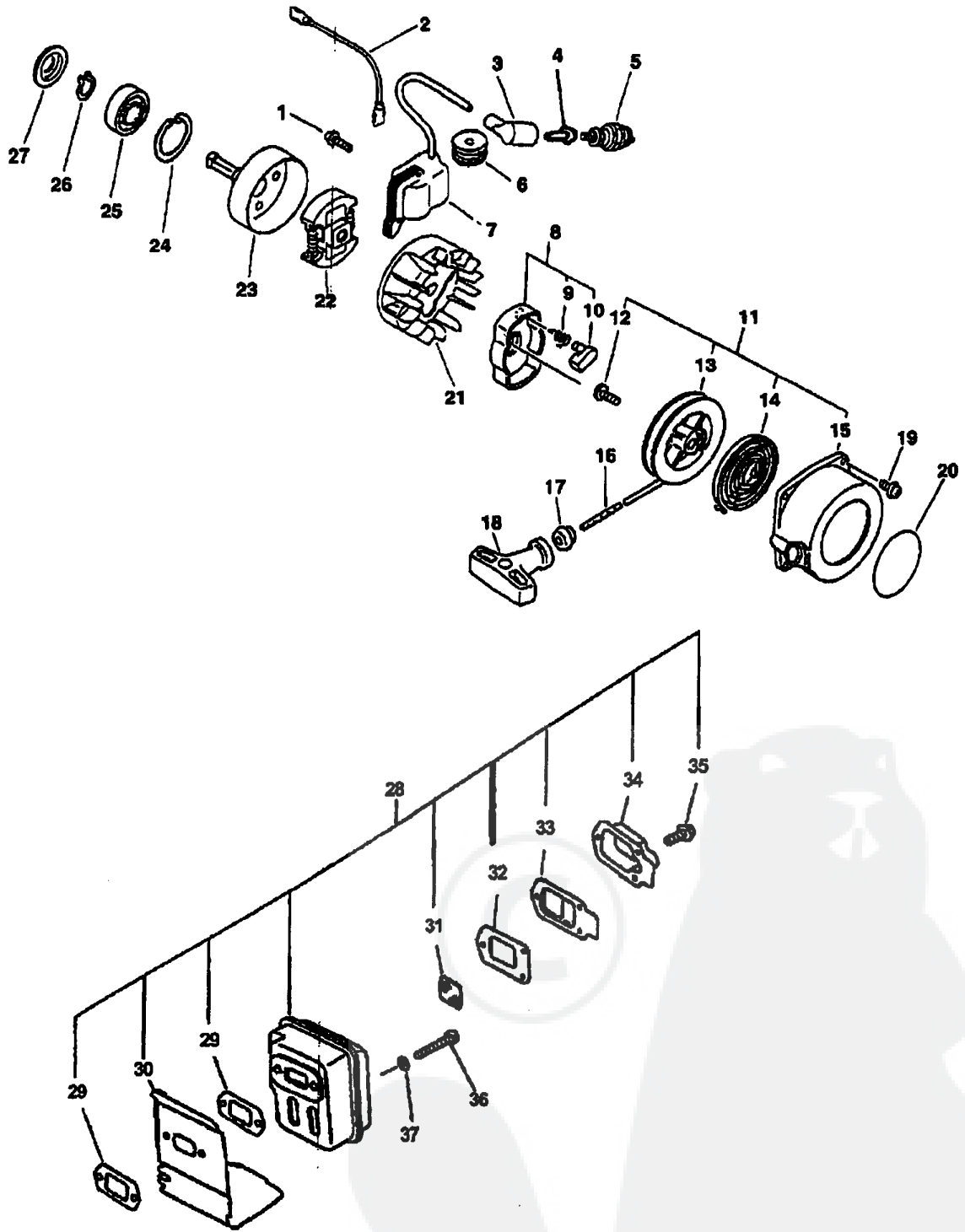
## ENGINE EXTERNAL, INTERNAL, CRANKCASE, FAN HOUSING, CYLINDER COVER

## PP400 TYPE 1

KEY	PARTNUMBER	QTY	DESCRIPTION	BLOUNT#	REMARKS
1	10101108961	1	CYLINDER	E108447	
2	90016205022	2	BOLT, H.S. 5X22	E94389	
3	10101044332	1	GASKET, CYLINDER BASE	E104302	INCLUDED IN KIT 88900005960
4	10000009563	1	PISTON KIT	E108448	INCLUDES ITEMS 5 - 8
5	10001109560	2	RING, PISTON	E104324	
6	10001311520	1	PIN, PISTON	E94293	
7	10001504630	2	CIRCLIP, PISTON PIN	E94295	
8	10001411520	2	SPACER, PISTON PIN	E94294	
9	_____	1	CRANKCASE ASY		INCLUDES ITEMS 10-15 (USE SB1027)
10	10021242030	2	OIL SEAL	E94296	
11	10021503930	2	PIN, DOWEL	E40576	
12	90081036201	2	BEARING, BALL 6201	E40509	
13	_____	1	GASKET, CRANKCASE		INCLUDED IN KIT 88900005960
14	90016205028	3	BOLT 5X28	E104326	
15	_____	1	CRANKSHAFT ASY		INCLUDES ITEM 16 (USE SB1027)
16	10001251230	1	BEARING, NEEDLE	E94292	
17	10150744330	1	COVER, FAN	E108409	
18	90016304018	4	BOLT 4X18	E108410	
19	90014205028	2	BOLT 5X28	E108411	
20	90060500005	2	WASHER, SPRING 5	E40503	
21	90060000005	2	WASHER 5	E40502	
22	90056550005	2	NUT, SQUARE 5	E108412	
23	90025304012	2	SCREW	E108413	
24	X503000150	1	LABEL, MODEL		
25	10151444531	1	COVER, CYLINDER	E108414	
26	15991244530	1	GUARD, TOP	E94366	
27	90025305016	1	SCREW 5X16	E40500	
28	89016022660	1	LABEL, CAUTION I.S.O.		
	SB1027	1	SHORT BLOCK	E106011	INCLUDES FACTORY ASSEMBLED CYLINDER, CRANKCASE, PISTON, CRANKSHAFT, BEARINGS & SEALS
	88900005960	1	GASKET KIT	E101844	INCLUDES THE FOLLOWING
	10101044332	1	GASKET, CYLINDER BASE	E104302	
	14586642031	1	GASKET, MUFFLER LID	E94356	
	14551042031	2	GASKET, MUFFLER	E94352	
	_____	1	GASKET, CRANKCASE		
	13001042032	1	GASKET, INTAKE	E104313	
	13001642031	1	GASKET, INTAKE	E94331	
	13001005960	1	GASKET, INTAKE	E104328	
	61041401260	1	GASKET, GEAR HOUSING	E104329	

# PP400 TYPE 1

## IGNITION, STARTER, CLUTCH, MUFFLER



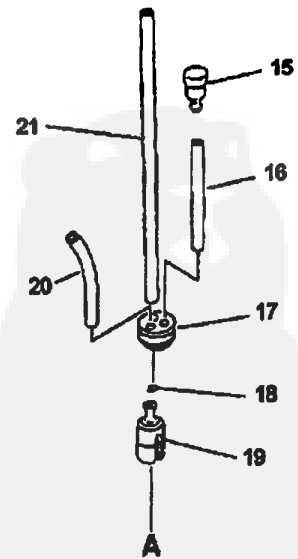
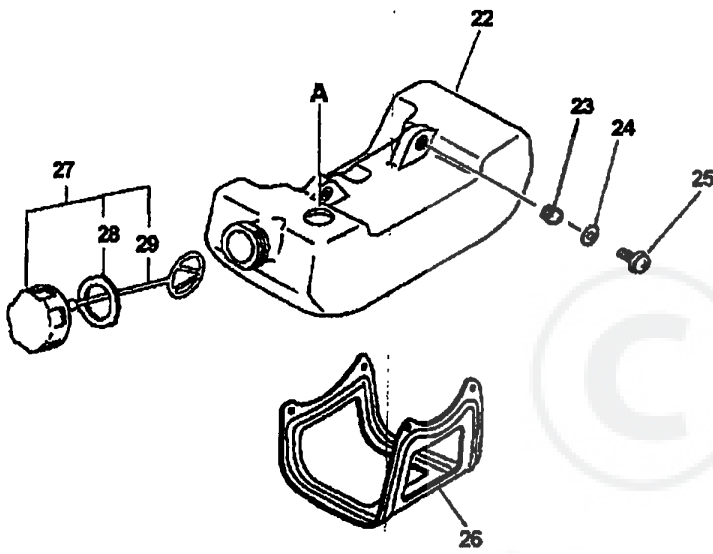
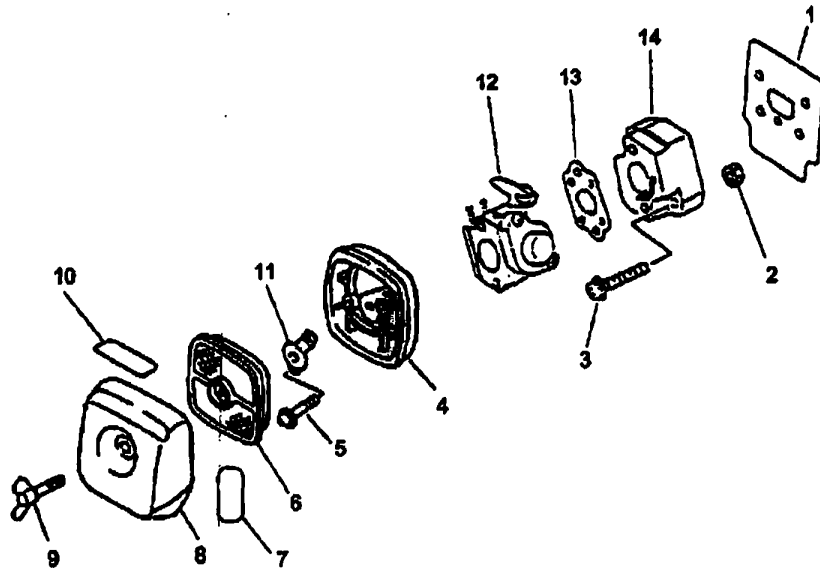
## IGNITION, STARTER, CLUTCH, MUFFLER

## PP400 TYPE 1

KEY	PARTNUMBER	QTY	DESCRIPTION	BLOUNT#	REMARKS
1	90016204022	2	BOLT 4X22	E104319	
2	16201052830	1	LEAD	E106394	
3	15901210230	1	CAP, SPARK PLUG	E106395	
4	15901605330	1	COIL, SPARK PLUG CAP	E106396	
5	15901010230	1	PLUG, SPARK BPMR-7A	E106397	
6	15011244330	1	GROMMET, H.T. CORD	E94358	
7	15662652730	1	MODULE, CDI W/O LEAD	E106398	
8	17720244330	1	PAWL ASY, STARTER	E104306	INCLUDES ITEMS 9 & 10
9	17723442030	1	SPRING, RETURN	E94373	
10	17721844330	1	PAWL, STARTER	E104318	
11	17720042033	1	STARTER ASY	E104307	INCLUDES ITEMS 12 - 18
12	17723644330	1	SCREW	E101845	
13	17721544430	1	DRUM, STARTER	E104330	
14	17722042030	1	SPRING, REWIND	E104308	
15	17723242032	1	HOUSING, STARTER	E104309	
16	-----	1	ROPE, STARTER		USE BULK ROPE 999444 00040 DIA. 3.0 MM (.12") X 1000 MM (39.4")
17	17722742030	1	GUIDE, ROPE	E94372	
18	17722806530	1	GRIP, STARTER	E94379	
19	90016304016	4	BOLT 4X16	E108417	
20	89011822160	1	LABEL, ECHO		
21	15680109660	1	FLYWHEEL	E106399	
22	17500056830	1	CLUTCH ASY	E104311	
23	17500544331	1	DRUM, CLUTCH	E108418	
24	90070200032	1	CIRCLIP 32	E40506	
25	90081406201	1	BEARING, BALL 6201	E40510	
26	90070100012	1	CIRCLIP 12	E40505	
27	17505304920	1	STOPPER	E94369	
28	14580052630	1	MUFFLER ASY	E106012	INCLUDES ITEMS 29 - 35
29	14551042031	2	GASKET, MUFFLER	E94352	INCLUDED IN KIT 88900005960
30	14587144331	1	COVER, MUFFLER	E101847	
31	14586240630	1	SCREEN, MUFFLER	E40585	
32	14586642031	1	GASKET, MUFFLER LID	E94356	INCLUDED IN KIT 88900005960
33	14587642030	1	LID, MUFFLER	E104899	
34	14581852130	1	GUIDE, EXHAUST	E104898	
35	90023804010	3	SCREW 4X10	E40589	
36	90010505055	2	BOLT H.S. 5X55	E94387	
37	90060000005	2	WASHER 5	E40502	

# PP400 TYPE 1

## INTAKE, AIR FILTER, FUEL SYSTEM



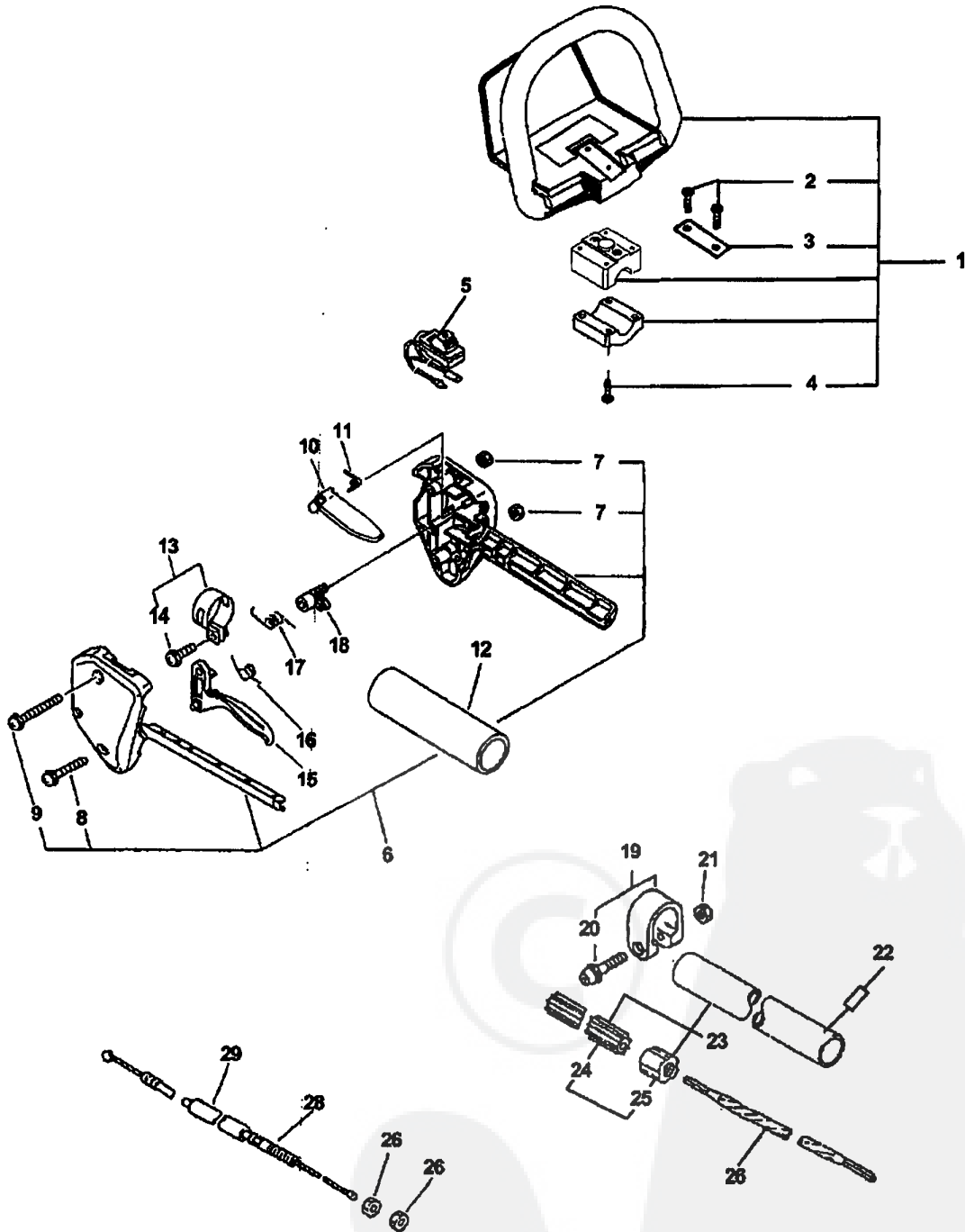
## INTAKE, AIR FILTER, FUEL SYSTEM

## PP400 TYPE 1

KEY	PARTNUMBER	QTY	DESCRIPTION	BLOUNT#	REMARKS
1	13001042032	1	GASKET, INTAKE	E104313	INCLUDED IN KIT 88900005960
2	90050000005	2	NUT 5MM	E40501	
3	90023805020	2	SCREW 5X20	E94395	
4	13030706761	1	CASE, AIR CLEANER	E100162	
5	90024205065	2	SCREW 5X65	E104320	
6	13031054130	1	FILTER, AIR H.D.	E100160	
7	89012112330	1	LABEL, CHOKE		
8	13031305863	1	COVER, AIR CLEANER	E104900	
9	21041752730	1	BOLT, WING	E104338	
10	89033452730	1	LABEL, METERING		
11	12901106360	1	PLATE, PREVENT	E104336	INCLUDED IN KIT 88900005960
12	12300052133	1	CARBURETOR WT-424C	E108449	
13	13001005960	1	GASKET, INTAKE	E104328	
14	13001742031	1	INSULATOR	E94332	
15	13130056430	1	VALVE, CHECK	E106354	
16	13131239130	1	PIPE, VENT 3X5X70	P104135	
17	13211546730	1	GROMMET, FUEL	E40583	
18	13201309820	1	CLIP	E94350	
19	13120507320	1	STRAINER, FUEL	E94345	
20	13201056330	1	PIPE, RETURN	E106355	
21	13201013930	1	PIPE, FUEL	E94347	INCLUDES ITEMS 28 & 29
22	13100546830	1	TANK, FUEL	E104901	
23	13104528230	2	COLLAR 6	E108423	
24	90060300005	2	WASHER 5MM	E40591	
25	90023805016	2	SCREW 5X16	E40590	
26	30511042030	1	STAND	E40587	
27	13100408960	1	CAP ASY, FUEL TANK	E108424	
28	13101655830	1	GASKET, FUEL TANK CAP	E104903	
29	13105152430	1	CONNECTOR, CAP	E106401	

# PP400 TYPE 1

## HANDLES, THROTTLE, STOP SWITCH, DRIVESHAFT





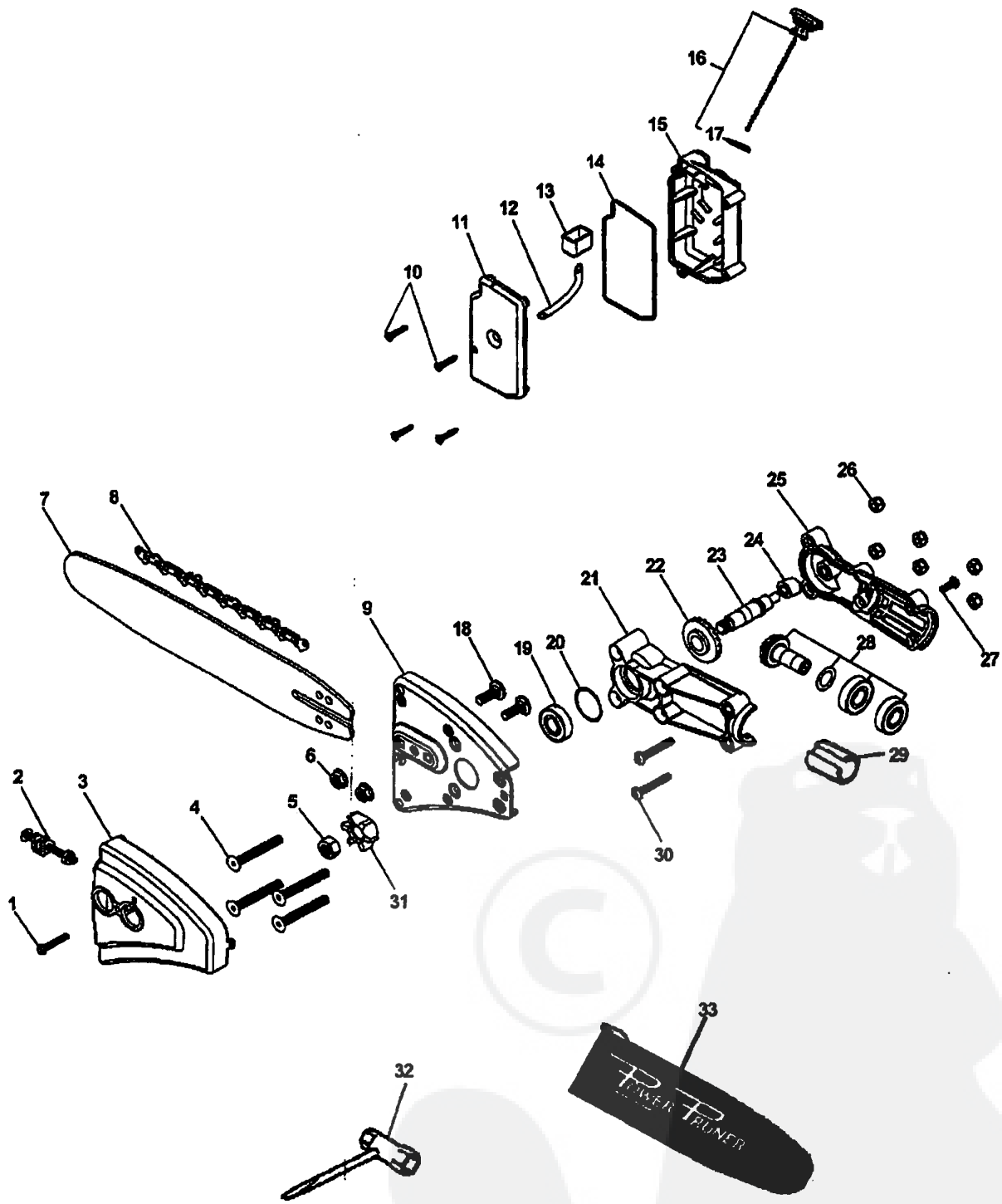
## HANDLES, THROTTLE, STOP SWITCH, DRIVESHAFT

## PP400 TYPE 1

KEY	PARTNUMBER	QTY	DESCRIPTION	BLOUNT#	REMARKS
1	35120121560	1	HANDLE,ASY	E108425	INCLUDES ITEMS 2 - 4
2	90016205030	2	BOLT 5X30	E108426	
3	35161105360	1	PLATE, EYE	E108427	
4	88995021560	4	SCREW	E108428	
5	16340155630	1	SWITCH,IGNITION	P106407	INCLUDES ITEMS 7 - 9
6	17800352730	1	BRACKET SET, THROTTLE	E108429	
7	90050000005	2	NUT 5	E40501	
8	90024205025	1	SCREW 5X25	P106412	
9	90024205035	1	SCREW 5X35	P106411	
10	17809052630	1	LOCKOUT, THROTTLE CONTROL	P106408	
11	17801352630	1	SPRING, THROTTLE LOCKOUT CONTROL	P106409	INCLUDES ITEM 14
12	35121352730	1	GRIP, HANDLE THROTTLE	E108430	
13	30121252730	1	BAND	E108431	
14	90024205014	1	SCREW 5X14	P106406	
15	17801052130	1	CONTROL, THROTTLE	P106414	
16	17804342230	1	SPRING, THROTTLE RETURN	P106415	
17	17804312360	1	SPRING, THROTTLE LOCKOUT	E108432	
18	17801252730	1	LOCKOUT, THROTTLE	P106416	
19	61027252730	1	BAND	E108433	
20	90024205028	1	SCREW 5X28	P106418	
21	90050000005	1	NUT 5	E40501	INCLUDES ITEMS 24 & 25
22	89015204930	1	LABEL, CAUTION		
23	61020626360	1	HOUSING,ASY, DRIVE SHAFT	E108450	
24	61021721560	1	LINER, FLEXIBLE	E108451	
25	61024655330	2	FIXTURE, LINER	E108436	
26	61001321560	1	SHAFT, FLEXIBLE	E108452	
27	90050200006	2	NUT 6 (3)	P94282	
28	17800144430	1	WIRE, THROTTLE	E108438	
29	17812721360	1	TUBE	E108439	

# PP400 TYPE 1

## GEARCASE, GUIDE BAR, SAW CHAIN, OILER, TOOLS



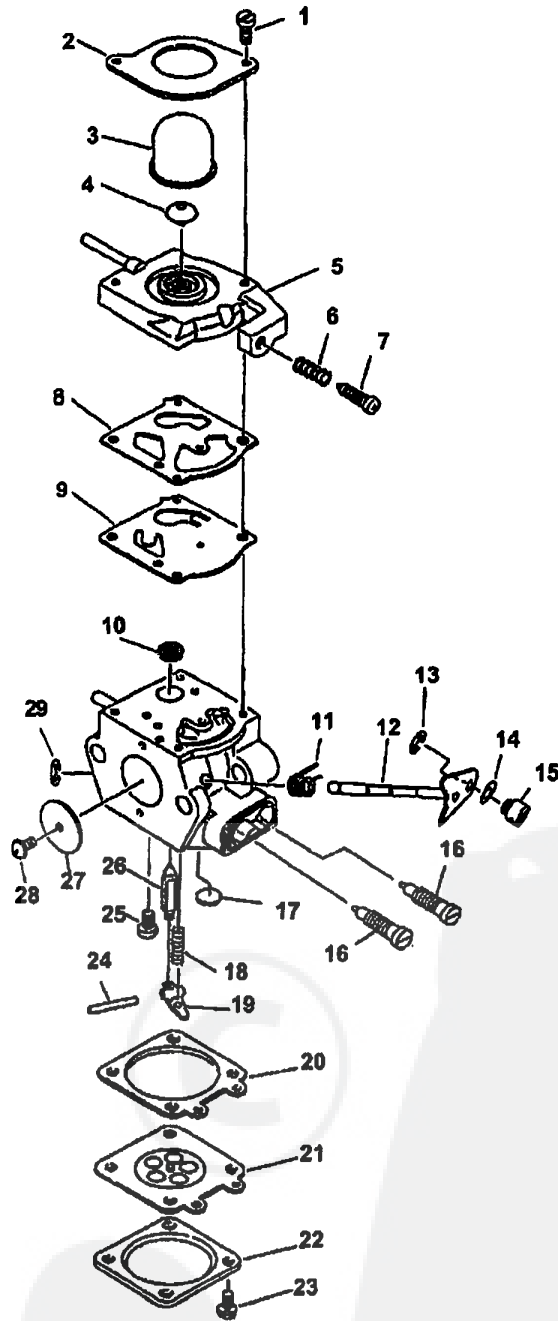
## GEARCASE, GUIDE BAR, SAW CHAIN, OILER, TOOLS

## PP400 TYPE 1

KEY	PARTNUMBER	QTY	DESCRIPTION	BLOUNT#	REMARKS
1	90005300100	1	SCREW, TORX PH.M.S.	P105900	
2	43309522360	1	CHAIN ADJUSTER	P41862	
3	43301022060	1	SPROCKET COVER ASY	P104115	
4	90005700100	4	SCREW, TORX F.H.M.S.	P106421	
5	90003000200	1	NUT, HEX	P104119	
6	90004000100	2	NUT, FLANGE	P104123	
7	1120374401	1	GUIDE BAR 12" 90 SG	124MLEA218	
8	1907044	1	CUTTING CHAIN 12" 90 SG		
9	43300422160	1	SAW BAR CARRIER	P104124	
10	90005800100	4	SCREW, F.H.M.S.	P104139	
11	43601022060	1	TANK, OIL (CHAIN SIDE)	P104138	
12	43731122460	1	PIPE, OIL	P106422	
13	16821822060	1	CUP, OIL	P104137	
14	27021722060	1	RING, O (TANK)	P104136	
15	43601122060	1	TANK, OIL (CAP SIDE)	P104134	
16	43600122060	1	CAP, OIL	P41861	INCLUDES ITEM 17
17	43712222060	1	RING, O (CAP)	P41866	
18	90006000100	2	BOLT, CARRIAGE	P104125	
19	90080206001	1	BEARING, BALL	P94242	
20	90003500400	2	SHIM .004"	P104126	
21	61046022760	1	HSNG, GEAR (CHAIN SIDE)	P104127	
22	61031122060	1	SPROCKET GEAR	P104128	
23	61030922160	1	SPROCKET SHAFT	P104129	
24	43334522060	1	GUIDE, SHAFT	P106423	
25	61041022060	1	HSNG, GEAR (NUT SIDE)	P106424	
26	90003150100	6	NUT, NYLOCK BLK OX.	P105917	
27	9511113050	1	SCREW, TAPPING	P108440	
28	61030922060	1	PINION SHAFT ASY	P104130	
29	V362000000	1	COLLAR 22	P108441	
30	90005300400	2	SCREW, TORX PH.M.S.	P105916	
31	30281022060	1	SPROCKET	P104120	
32	89541522160	1	TOOL, BOX SPANNER	P94229	
33	89851322360	1	COVER, GUIDE BAR	P105932	

# PP400 TYPE 1

# CARBURETOR



## CARBURETOR

## PP400 TYPE 1

KEY	PARTNUMBER	QTY	DESCRIPTION	BLOUNT#	REMARKS
	12300052133	1	CARBURETOR WT-424C	E108449	INCLUDES 1 - 30
1	12311043130	2	SCREW	E104909	
2	12314209560	1	COVER, PRIMER PUMP	E104910	
3	12318109560	1	PUMP, PRIMER	E104911	
4	12317135630	1	VALVE, PURGE CHECK	E104912	
5	12312443230	1	COVER, FUEL PUMP	E104913	
6	12313304260	1	SPRING, IDLE ADJUST	E104914	
7	12313404260	1	SCREW, IDLE ADJUST	E104915	
8	A B	1	GASKET, FUEL PUMP		
9	A B	1	DIAPHRAGM, FUEL PUMP		
10	A	1	SCREEN, INLET		
11	12311352130	1	SPRING, THROTTLE SHAFT	E104916	
12	12311752130	1	SHAFT, THROTTLE	E104917	
13	12317307930	1	CLIP	E94311	
14	12314926030	1	WASHER	E104918	
15	12317226030	1	SWIVEL	E104919	
16	12312052131	2	NEEDLE, MIXTURE	E104920	
17	A	1	PLUG, WELCH		
18	A	1	SPRING, METERING LEVER		
19	A	1	LEVER, METERING		
20	A B	1	GASKET, METERING DIAPHRAGM		
21	A B	1	DIAPHRAGM, METERING		
22	12314203930	1	COVER, METERING DIAPHRAGM	E104921	
23	A	4	SCREW		
24	A	1	SCREW		
25	A	1	PIN, METERING LEVER		
26	A	1	VALVE, INLET NEEDLE		
27	12311652130	1	VALVE, THROTTLE	E104922	
28	12311403930	1	SCREW	E104923	
29	12312715030	1	CLIP	E104924	
A	12310052130	1	REBUILD KIT	E104925	
B	12310152130	1	GASKET/DIAPHRAGM KIT	E104926	