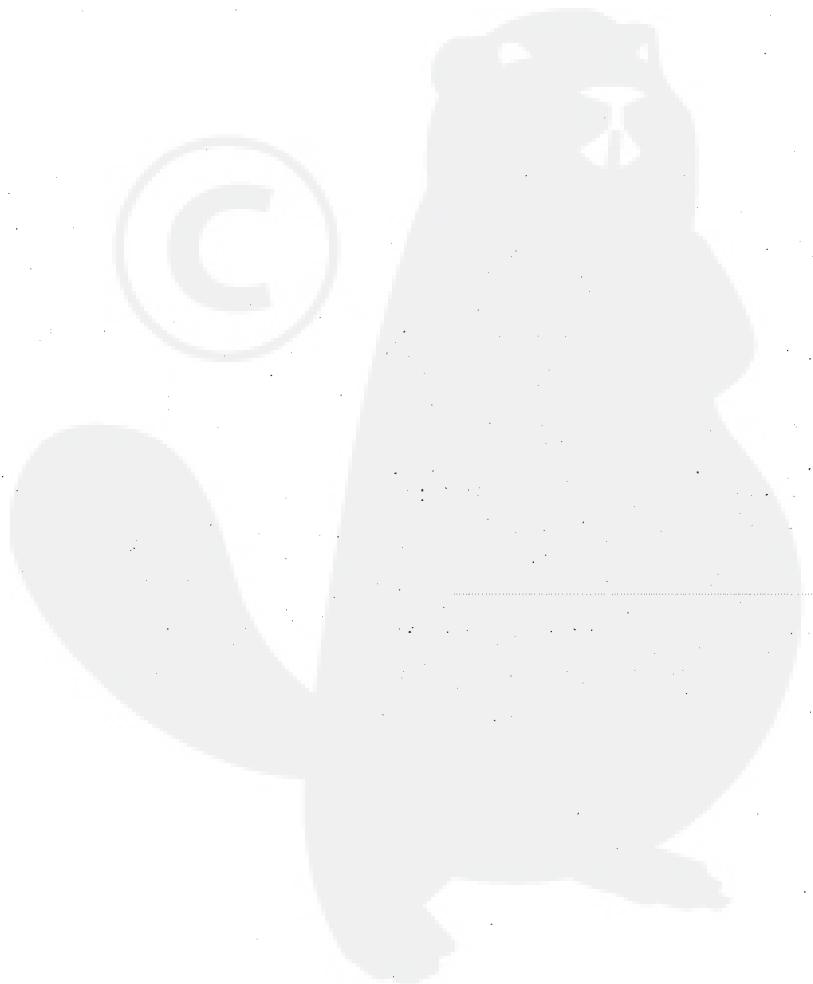
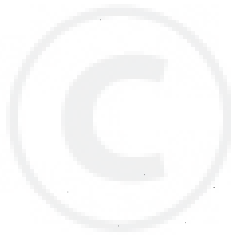
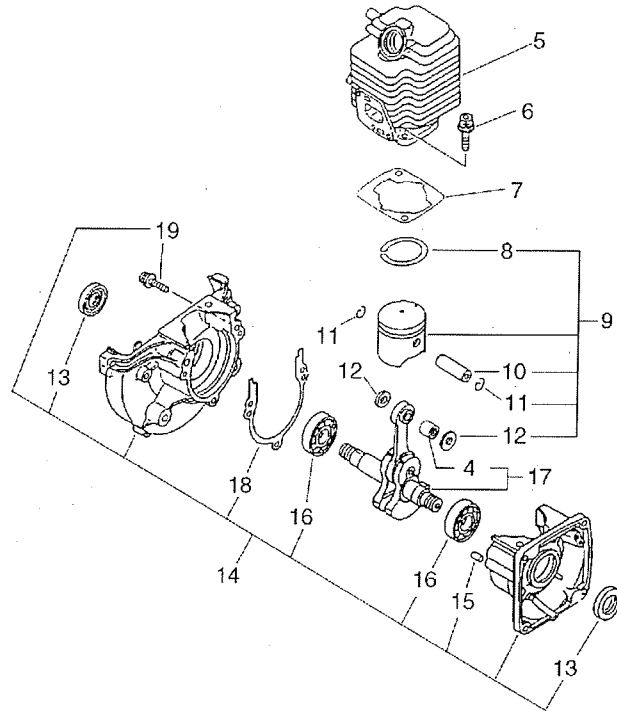


# ECHO

## ES-1000.

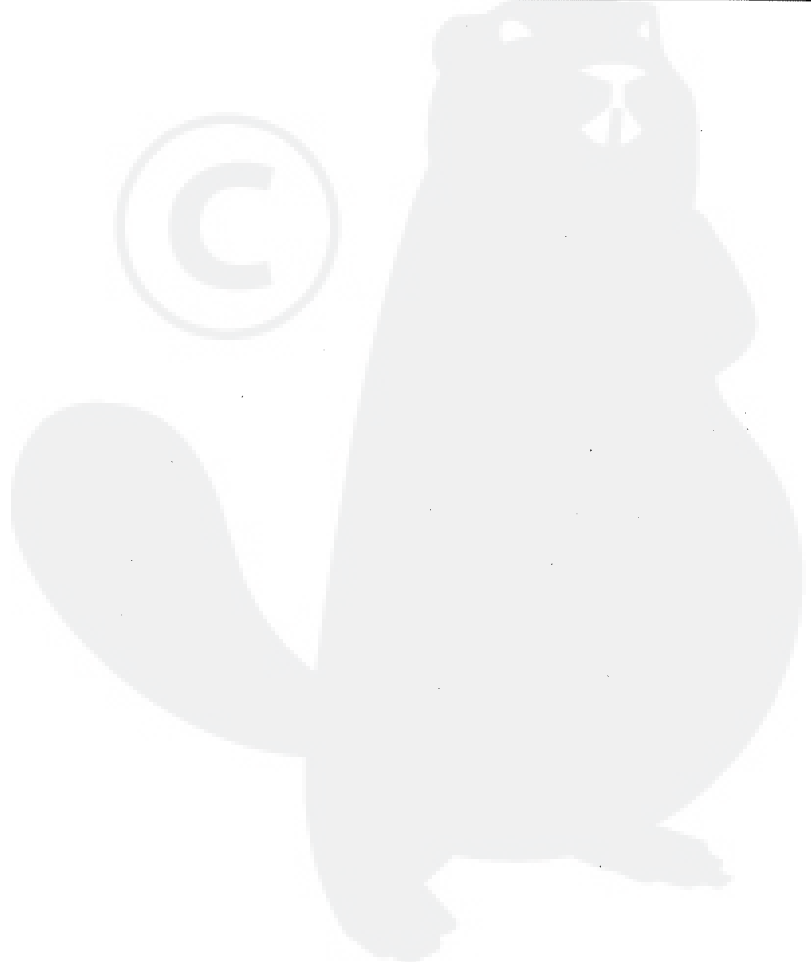
ES-1000  
Cylinder, Crankcase, Piston  
**No.1.**



ES-1000

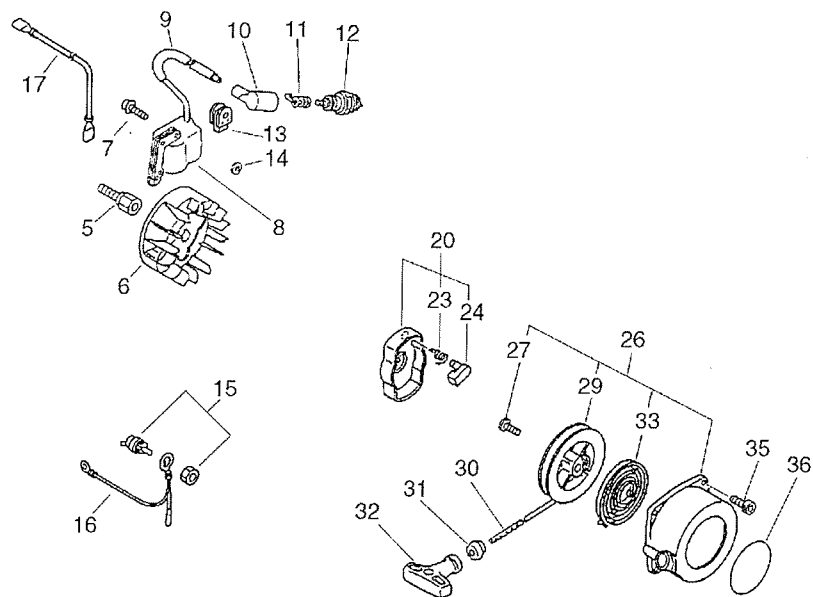
Cylinder, Crankcase, Piston

Key	Lv	Part no.	Part description	Quantity
5		101011-45230	CYLINDER	1
6		900162-05022	BOLT, H.S. 5*22	2
7		101010-44331	GASKET, CYL. BASE	1
7		101010-44332	GASKET, CYL. BASE	1
9		100000-44330	PISTON KIT	1
9		100000-44331	PISTON KIT	1
8	+	100011-05330	RING, PISTON	1
10	+	100013-11520	PIN, PISTON	1
11	+	100015-04630	CIRCLIP, PISTON PIN	2
12	+	100014-11520	SPACER, PISTON PIN	2
14		100204-51030	CRANKCASE KIT	1
14		100204-51031	CRANKCASE KIT	1
13	+	100212-42030	OILSEAL	2
13	+	100212-42031	OILSEAL	2
15	+	100215-03930	PIN, DOWEL	2
16	+	900810-36201	BEARING, BALL 6201	2
16	+	94035-36201	BEARING BALL	2
18	+	100242-42030	GASKET, CRANKCASE	1
19	+	900162-05028	BOLT, H.S. 5*28	3
17		100100-44732	CRANKSHAFT ASSY	1
17		100100-44733	CRANKSHAFT	1
4	+	100012-51230	BEARING, NEEDLE	1
4	+	V553-000030	BEARING, NEEDLE 8	1



ES-1000  
Starter, Magneto

**No.2**

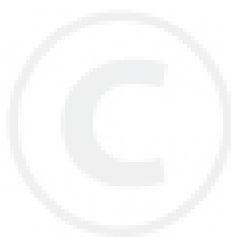
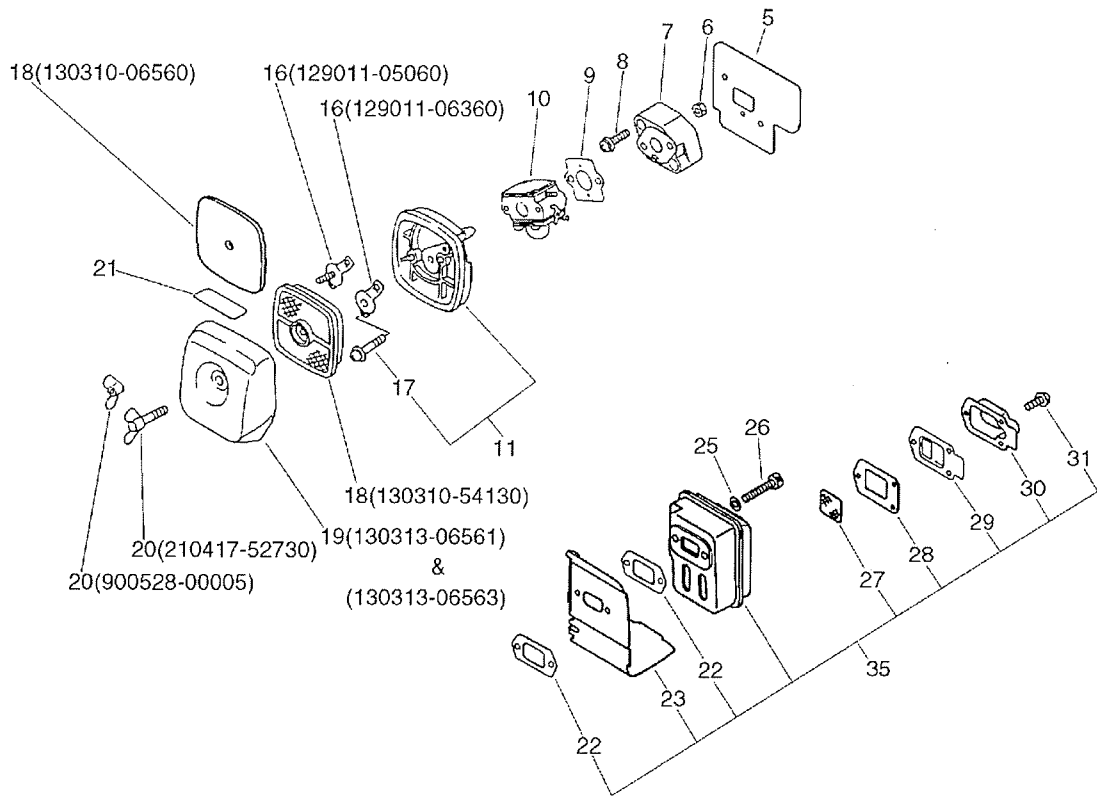


ES-1000  
Starter, Magneto

Key	Lv	Part no.	Part description	Quantity
5		200011-05661	HUB, FAN	1
6		158800-06360	ROTOR, MAGNETO	1
6		158800-20560	ROTOR, MAGNETO	1
7		900162-04022	BOLT, H.S. 4*22	2
8		158626-06360	COIL, IGNITION	1
8		158626-06361	COIL, IGNITION	1
9		156611-05060	TUBE	1
10		159012-03433	CAP, SPARK PLUG	1
11		159011-03432	COIL, SPARK PLUG	1
12		159017-10230	PLUG, SPARK (RCJ-7Y)	1
13		150112-05060	BUSHING	1
14		101531-54330	COLLAR	2
15		163400-03460	SWITCH, IGNITION	1
16		162010-08760	LEAD, GROUND	1
17		162021-08760	LEAD	1
20		177202-44330	PAWL ASSY, STARTER	1
20		177202-44331	PAWL ASM., STARTER	1
23	+	177234-42030	SPRING, RETURN	1
23	+	177234-12220	SPRING, PAWL	1
24	+	177218-44330	PAWL, STARTER	1
26		177200-42032	STARTER ASSY	1
26		177200-42033	STARTER ASSY	1
27	+	177236-44330	SCREW	1
29	+	177215-42030	DRUM, STARTER	1
29	+	177215-44430	DRUM, STARTER	1
30	+	177226-10120	ROPE, STARTER	1
31	+	177227-42030	GUIDE, ROPE	1
32	+	177228-06530	GRIP, STARTER	1
33	+	177220-42030	SPRING, REWIND	1
35		900238-04018	SCREW 4*18	2
35		900162-04018	BOLT, H.S. 4*18	2
36		890118-49130	LABEL, ECHO	1

ES-1000  
Air Cleaner, Muffler

**No.3**



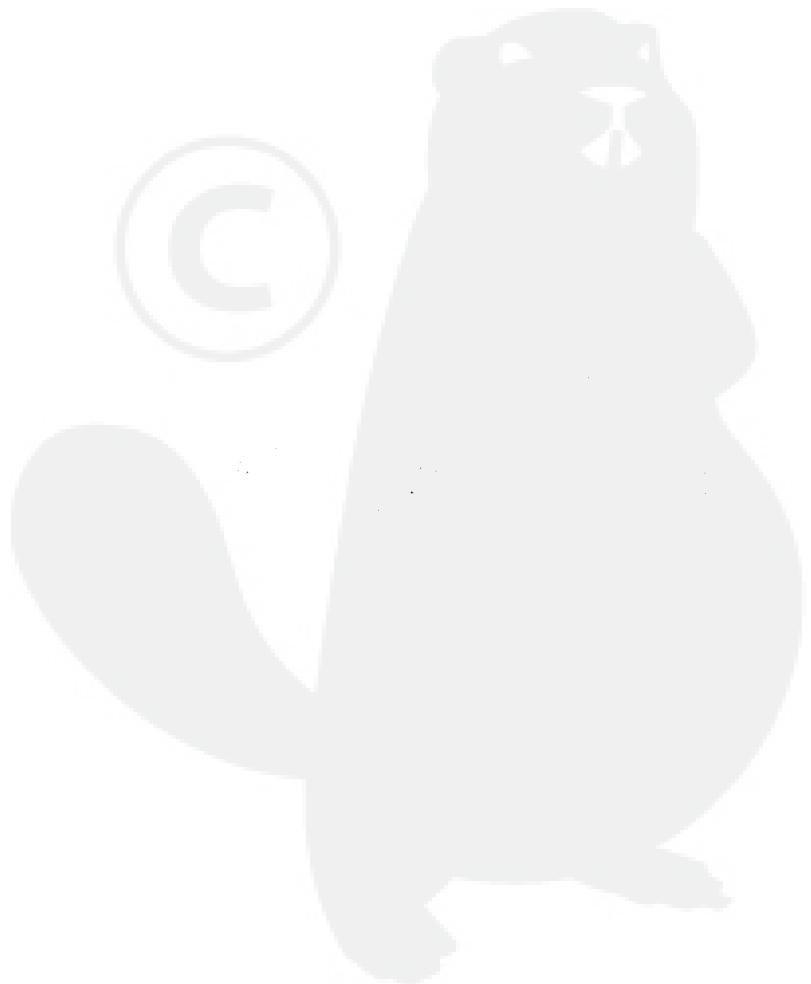
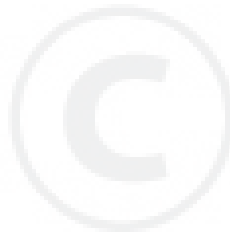
ES-1000

Air Cleaner, Muffler

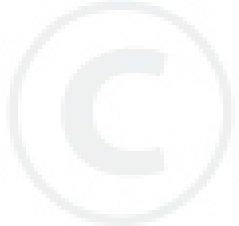
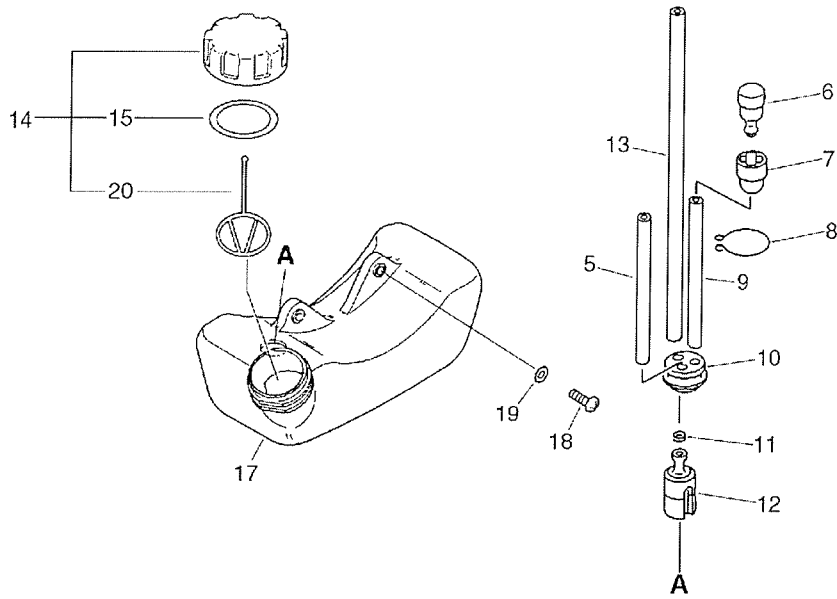
Key	Lv	Part no.	Part description	Quantity
5		130010-05062	GASKET, INTAKE	1
6		900500-00005	NUT 5	2
7		130017-05061	INSULATOR	1
7		130017-05062	INSULATOR, INTAKE	1
8		900238-05022	SCREW 5*22	2
9		130016-42031	GASKET, INTAKE	1
9		V103-000111	GASKET,INTAKE	1
9		130016-42031	GASKET, INTAKE	1
10		125200-06861	CARBURETOR ASSY	1
10		125200-06862	CARBURETOR	1
11		130307-06561	CASE, AIR CLEANER	1
11		P021-002921	CASE, AIR CLEANER	1
17	+	900242-05065	SCREW 5*65	2
16		129011-05060	PLATE	1
16		129011-06360	PLATE, PREVENT	1
16		129011-06361	PLATE, PREVENT	1
18		130310-06560	FILTER, AIR	1
18		130310-54130	FILTER, AIR	1
19		130313-06560	COVER, AIR CLEANER	1
19		130313-06561	COVER, AIR CLEANER	1
19		130313-06563	LID, AIR CLEANER	1
20		900528-00005	NUT	1
20		210417-52730	BOLT, WING	1
21		890121-05360	LABEL, METERING	1
35		145800-05062	MUFFLER ASSY	1
35		145800-05063	MUFFLER ASSY	1
22	+	145510-42031	GASKET, MUFFLER	2
22	+	V104-000160	GASKET,EXHAUST	2
23	+	145871-05760	COVER, MUFFLER	1
27	+	145862-40630	SCREEN, MUFFLER	1
28	+	145866-42031	GASKET, MUFFLER LID	1
29	+	145876-42030	LID, MUFFLER (B)	1
30	+	145876-05060	PLATE	1
30	+	145876-05061	PLATE	1
31	+	900242-04010	SCREW 4*10	3
25		900600-00005	WASHER 5	2

ES-1000  
Air Cleaner, Muffler

Key	Lv	Part no.	Part description	Quantity
26		900105-05055	BOLT, H.S. 5*55	2



ES-1000  
Fuel Tank  
No.4



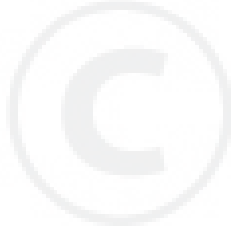
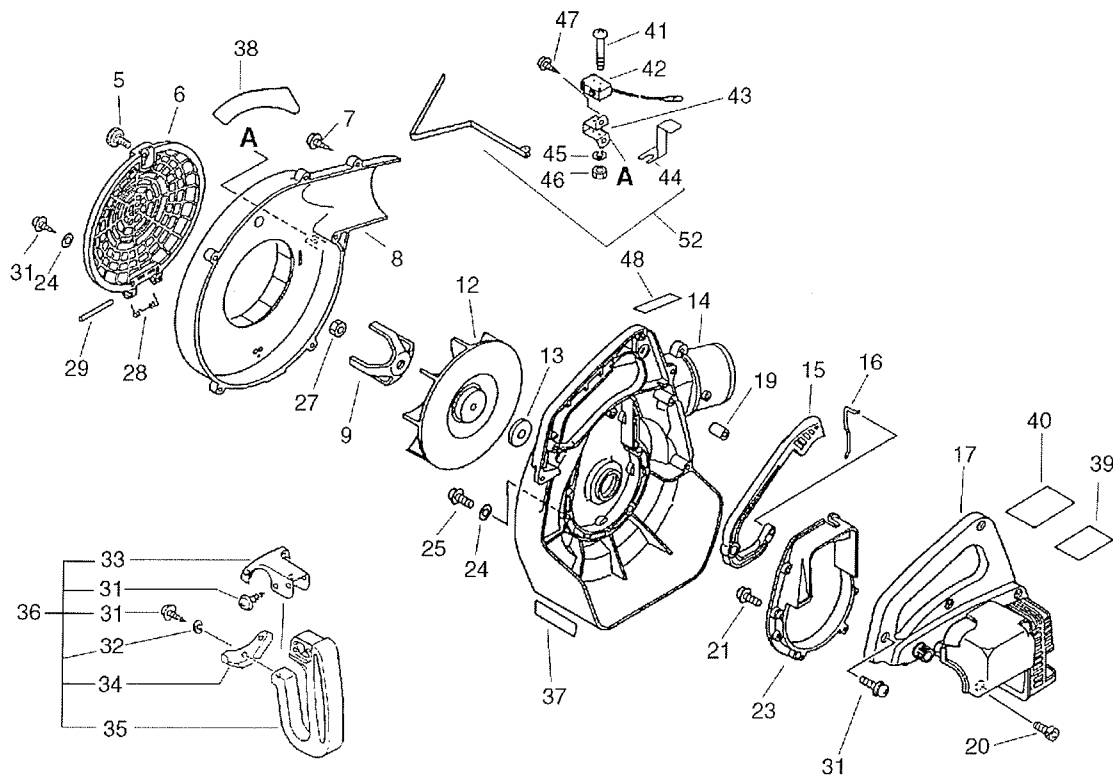


ES-1000  
Fuel Tank

Key	Lv	Part no.	Part description	Quantity
5		132012-51030	PIPE 3*5* 90	1
5		132010-56330	PIPE 3*6*90	1
6		131300-40630	VALVE, CHECK	1
6		131300-56430	VALVE, CHECK	1
6		A356-000030	VALVE,CHECK	1
7		131328-40630	COVER, VENT	1
8		132013-05060	CLIP, PIPE	1
9		131312-44330	PIPE, 3*5*70L	1
9		V471-001200	PIPE	1
10		132115-46730	GROMMET, FUEL	1
10		V137-000030	GROMMET,FUEL	1
11		132013-09820	CLIP	1
12		131205-07320	STRAINER, FUEL	1
13		132010-13930	PIPE, FUEL	1
13		V471-001190	PIPE	1
14		131004-06560	CAP ASSY,FUEL TANK	1
14		131004-56330	CAP ASSY, FUEL TANK	1
14		131004-55530	CAP ASSY, FUEL TANK	1
15	+	131016-40930	GASKET, FUEL CAP	1
15	+	131016-55830	GASKET, FUEL CAP	1
16	+	131051-52430	CONNECTOR, CAP	1
16	+	131051-56030	CLIP, FUEL CAP	1
17		131005-05760	TANK, FUEL WH	1
17		131005-05761	TANK, FUEL	1
18		900238-05016	SCREW 5*16	2
19		900603-00005	WASHER 5	2

ES-1000  
Fan Case

No.5



ES-1000  
Fan Case

Key	Lv	Part no.	Part description	Quantity
5		130406-05060	BOLT, THUMB (BL)	1
5		130406-06360	KNOB, FASTENER	1
5		130406-20660	THUMB	1
5		V299-000290	KNOB,FASTENER	1
6		200124-05061	GRID, FAN CAS	1
7		900253-05020	SCREW 5*20	6
8		200111-08761	CASE, FAN	1
9		200180-08761	CUTTER, SHREDDER	1
12		200010-06362	FAN	1
12		200010-06363	FAN	1
13		100132-05660	WASHER	1
14		200110-06361	CASE, FAN	1
15		178010-06360	CONTROL, THROTTLE	1
16		178011-05060	ROD, THROTTLE	1
17		104008-06360	COVER SET, ENGINE	1
19		163895-08760	COLLAR	1
20		900238-04018	SCREW 4*18	2
20		900162-04018	BOLT, H.S. 4*18	2
21		900238-04018	SCREW 4*18	4
23		104930-05061	BASE, ENGINE	1
24		104032-05060	WASHER	6
25		900238-04022	SCREW 4*22	5
25		900162-04022	BOLT, H.S. 4*22	5
27		900500-00008	NUT 8	1
28		200152-05060	SPRING, GRID	1
29		200150-05060	SHAFT, GRID	1
36		351000-05060	HANDLE ASSY, REAR	1
31	+	900253-05014	SCREW 5*14	3
32	+	900605-00005	WASHER, SPRING 5	1
33	+	351011-05060	SUPPORTER HANDLE	1
34	+	351028-05060	SUPPORTER, HANDLE	1
35	+	351010-05060	HANDLE (BL)	1
31		900253-05014	SCREW 5*14	6
37		890160-06360	LABEL, CAUTION	1
37		890160-06361	LABEL, CAUTION	1
38		890112-08761	LABEL, MODEL	1

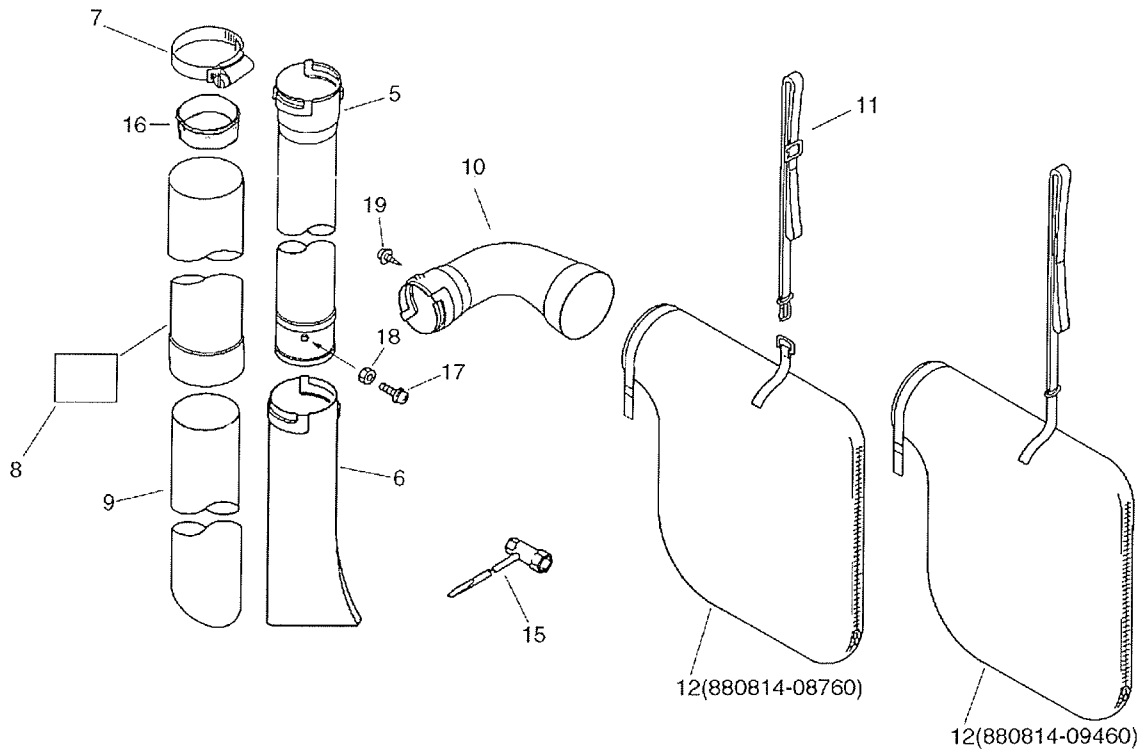
ES-1000  
Fan Case

Key	Lv	Part no.	Part description	Quantity
39		890157-06560	LABEL, SWITCH	1
40		890160-09460	LABEL, CAUTION	1
40		890160-09461	LABEL, CAUTION	1
41		163894-08760	SCREW 2-56*0.625	2
42		163400-08761	SWITCH, IGNITION	1
43		163810-09260	BRACKET, SWITCH	1
52		163335-09260	LEVER, ACTUATOR	1
52		163335-09460	LEVER, ACTUATOR	1

52		163800-09460	LEVER KIT, SWITCH	1
44	+	163810-09460	BRACKET, SWITCH	1
45		163892-08760	WASHER SPRING	2
46		163893-08760	NUT	2
47		900253-05010	SCREW 5*10	2
48		890348-05060	LABEL, SPEED	1



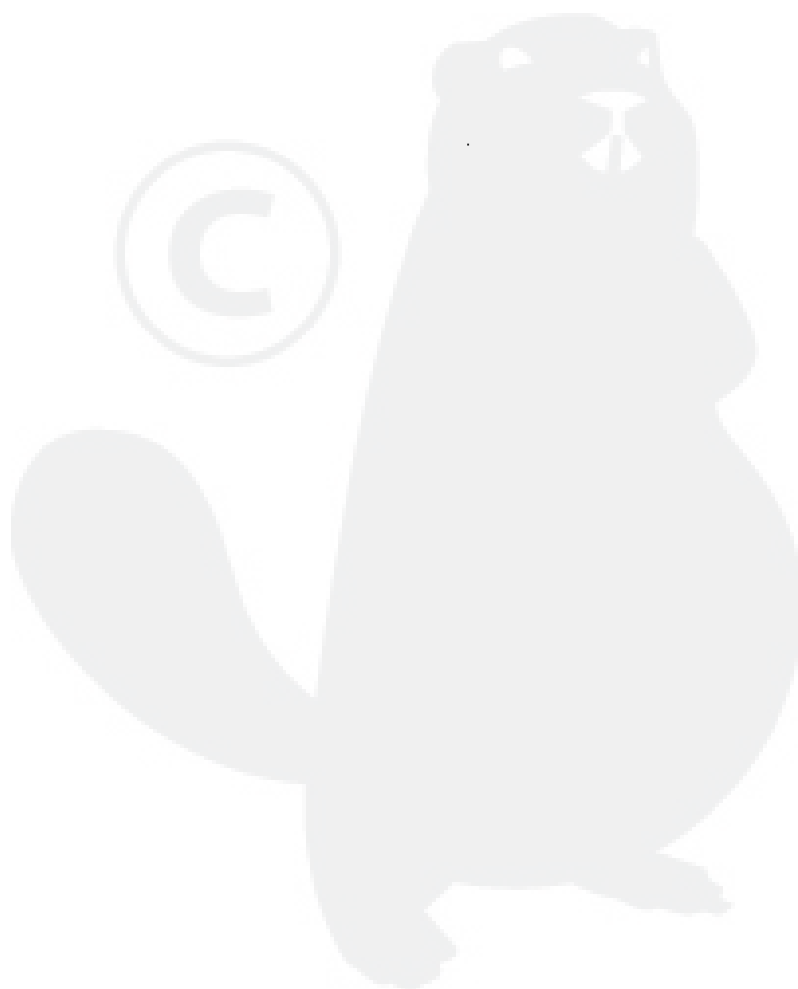
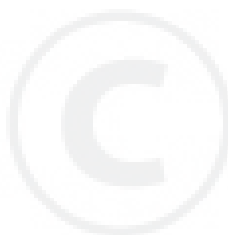
ES-1000  
Pipe, Dust Bag, Tool  
**No.6**



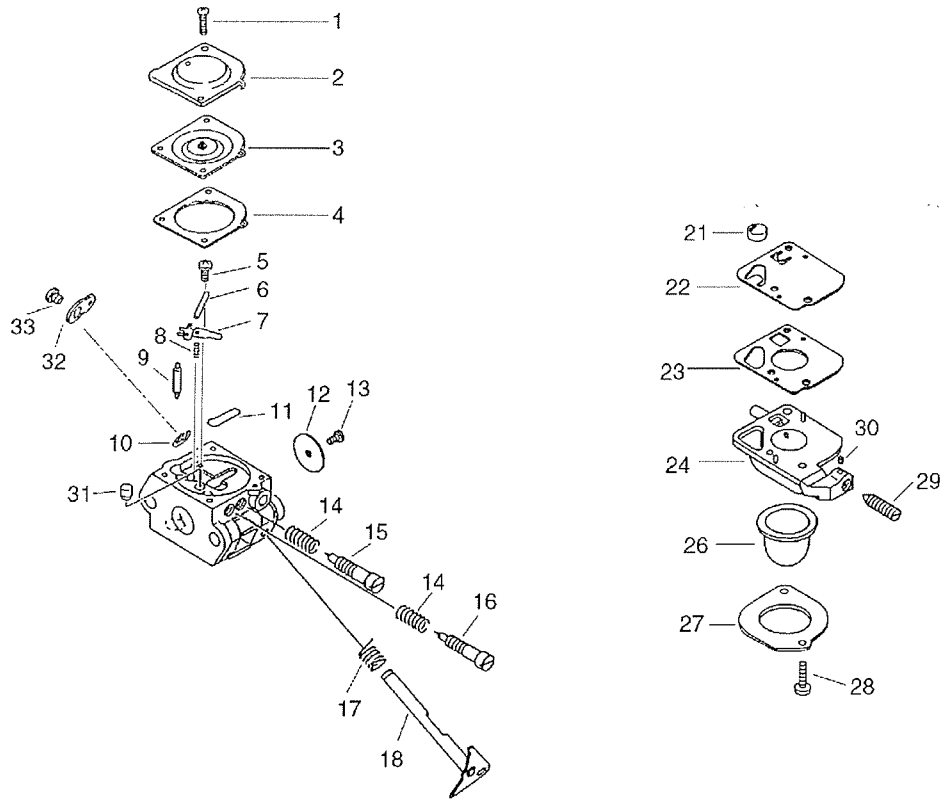
ES-1000

Pipe, Dust Bag, Tool

Key	Lv	Part no.	Part description	Quantity
5		210015-05060	PIPE, STRAIGHT (BL)	1
5		210007-20660	PIPE,BLOWER	1
17	+	900238-05010	SCREW 5*10	1
18	+	900500-00005	NUT 5	1
6		210031-05060	NOZZLE, FAN HEAD	1
7		210413-05060	CLAMP, FLEXIBLE PIPE	1
8		890135-08760	LABEL, MODEL	2
9		210027-06561	PIPE, SUCTION	1
9		210027-06562	PIPE, SUCTION	1
10		215012-05060	CONNECTOR (BL)	1
10		215012-20110	PIPE,MAIN	1
11		301005-05060	HARNESS	1
12		880814-08760	BAG, DUST 60L	1
12		880814-09460	BAG, DUST(W/HARNESS)	1
12		X692-000020	BAG,DUST	1
12		X692-000021	BAG,DUST	1
15		895410-09630	WRENCH, W/S. DRIVER	1
15		895410-07630	WRENCH, W/S. DRIVER	1
16		385155-09660	SLEEVE	1
19		900256-05010	SCREW, TAPPING	1



ES-1000  
Carburetor  
No.7



ES-1000  
Carburetor

Key	Lv	Part no.	Part description	Quantity
		125200-06861	CARBURETOR ASSY	1
		125200-06862	CARBURETOR	1
1	+	125344-52130	SCREW	2
2	+	125342-52130	COVER, DIAPHRAGM	1
2	+	125342-13210	COVER, DIAPHRAGM	1
3	+	125341-42030	DIAPHRAGM	1
4	+	125340-42030	GASKET, DIAPHRAGM	1
5	+	125339-42030	SCREW	1
6	+	125338-13930	PIN, METERING ARM	1
7	+	125323-42030	LEVER, METERING	1
8	+	125322-07260	SPRING, COIL	1
9	+	125337-06960	VALVE, INLET NEEDLE	1
10	+	125327-13930	CLIP	1
11	+	125345-15130	PLUG, WELCH	1
12	+	125316-42030	VALVE, THROTTLE	1
13	+	125314-13930	SCREW	1
14	+	125319-42030	SPRING, COIL	2
15	+	125318-42030	NEEDLE, IDLE	1
16	+	125320-06860	NEEDLE, HIGH SPEED	1
17	+	125313-42030	SPRING, THRT. RETURN	1
18	+	125317-06860	SHAFT, THROTTLE	1
21	+	125326-42030	STRAINER	1
22	+	125312-12820	DIAPHRAGM, FUEL PUMP	1
23	+	125325-42030	GASKET, FUEL PUMP	1
23	+	125325-13310	GASKET, PUMP	1
24	+	125383-13310	BASE, PRIMER	1
24	+	P005-000990	BASE, PRIMER	1
26	+	125381-46730	PUMP, PRIMING	1
26	+	125381-08660	PUMP, PRIMING	1
27	+	125363-11610	RING	1
28	+	125310-11610	SCREW	2
29	+	125334-06860	SCREW, IDLE ADJUST	1
30	+	125378-13930	PIECE, FRICTION	1
31	+	125376-06360	NOZZLE, CHECK VALVE	1
31	+	P005-001030	NOZZLE, CHECK VALVE	1
32	+	125350-05060	LEVER, THROTTLE	1



ES-1000  
Carburetor

Key	Lv	Part no.	Part description	Quantity
33	+	125348-13930	SCREW	1



ES-1000  
Repair Kit



ES-1000  
Repair Kit

Key	Lv	Part no.	Part description	Quantity
		889000-05063	GASKET KIT	1
	+	145631-42030	COVER, MUFFLER	1
	+	101010-44331	GASKET, CYL. BASE	1
	+	101010-44332	GASKET, CYL. BASE	1
	+	100242-42030	GASKET, CRANKCASE	1
	+	130010-05062	GASKET, INTAKE	1
	+	130016-42031	GASKET, INTAKE	1
	+	130010-42032	GASKET,INTAKE	1
	+	145510-42031	GASKET, MUFFLER	2
	+	V104-000160	GASKET,EXHAUST	2
		125303-42030	GASKET/DIAPHRAGM KIT	1
	+	125312-42030	DIAPHRAGM, FUEL PUMP	1
	+	125325-42030	GASKET, FUEL PUMP	1
7-23	+	125325-13310	GASKET, PUMP	1
7-4	+	125340-42030	GASKET, DIAPHRAGM	1
7-3	+	125341-42030	DIAPHRAGM	1
		125300-06860	REBUILD KIT	1
7-9	+	125337-06960	VALVE,INLET NEEDLE	1
7-8	+	125322-07260	SPRING, COIL	1
7-7	+	125323-42030	LEVER, METERING	1
7-6	+	125338-13930	PIN, METERING ARM	1
7-21	+	125326-42030	STRAINER	1
7-11	+	125345-15130	PLUG, WELCH	1
	+	125312-42030	DIAPHRAGM, FUEL PUMP	1
	+	125325-42030	GASKET, FUEL PUMP	1
7-23	+	125325-13310	GASKET, PUMP	1
7-3	+	125341-42030	DIAPHRAGM	1
7-4	+	125340-42030	GASKET, DIAPHRAGM	1