

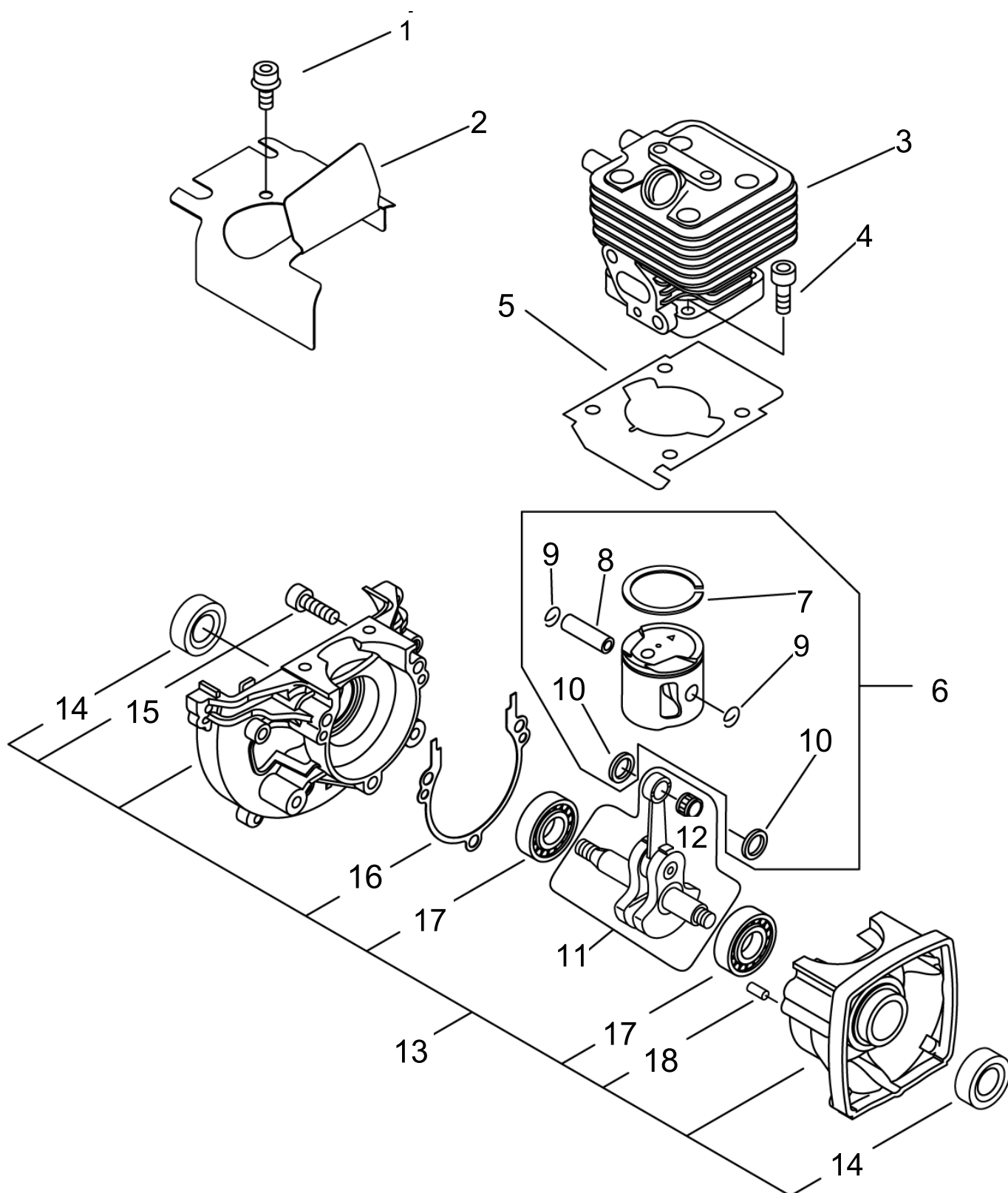
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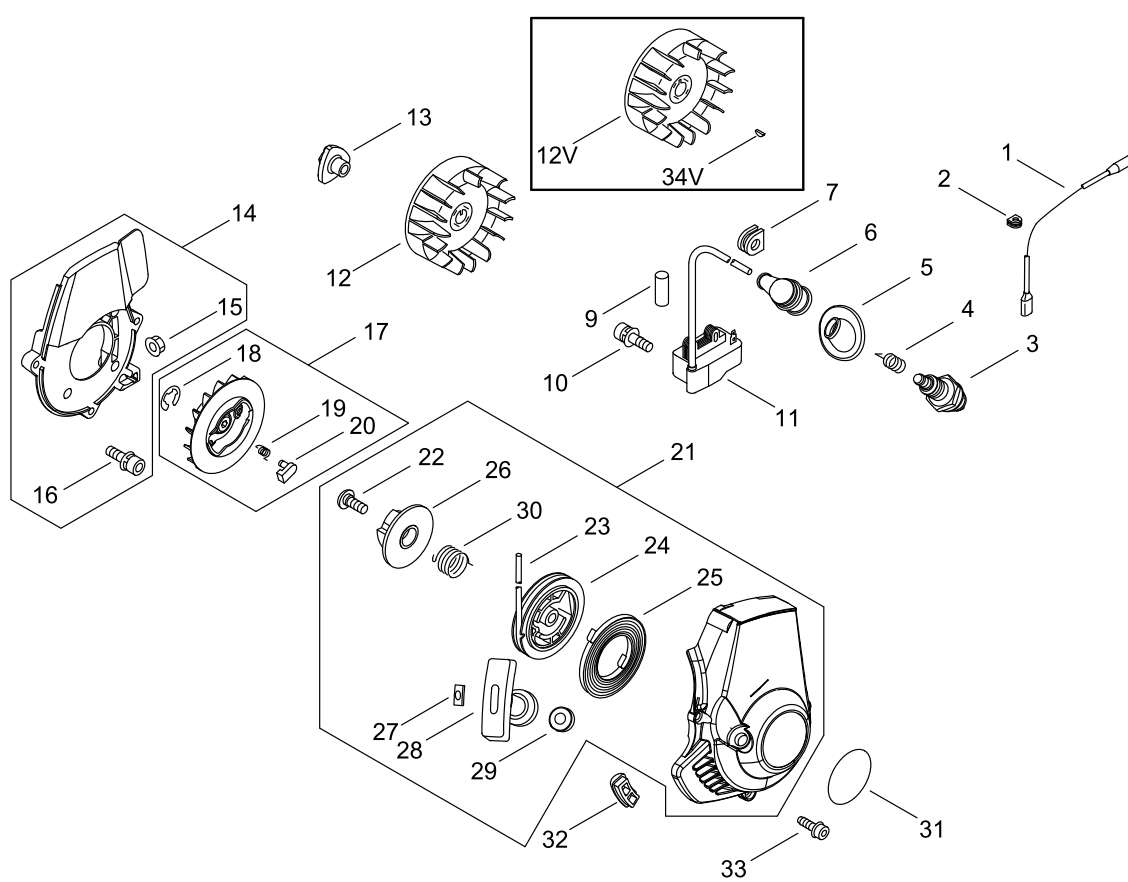
CYLINDER, CRANKCASE, PISTON



CYLINDER, CRANKCASE, PISTON

KEY NO	LV(+)	Part No	Description	Qty	Standard
1		900106-05008	BOLT, H.S. 5* 8	2	5*8
2		A160-000821	COVER,CYLINDER	1	
3		A130-000780	CYLINDER	1	
4		900162-05025	BOLT, H.S. 5*25	4	5*25 W,SW
5		V100-000190	GASKET,CYL	1	
6		P021-010260	PISTON KIT	1	
7	+	A101-000140	RING, PISTON	1	B1.2 T1.5
8	+	V606-000000	PIN,ENG 8	1	5*8*28
9	+	100015-04630	CIRCLIP, PISTON PIN	2	
10	+	100014-11520	SPACER, PISTON PIN	2	
11		A011-000371	CRANKSHAFT,ASM	1	
12	+	V553-000060	BEARING,NEEDLE 8	1	HK0810FMV4
13		P021-008231	CRANKCASE KIT	1	
14	+	100212-42031	OILSEAL	2	ISCD 12*22*4.5
15	+	900162-05028	BOLT, H.S. 5*28	3	5*28 W,SW
16	+	100242-42030	GASKET, CRANKCASE	1	
17	+	94035-36201	BEARING BALL	2	6201X3JR2C3
18	+	100215-03930	PIN, DOWEL	2	

STARTER, MAGNETO

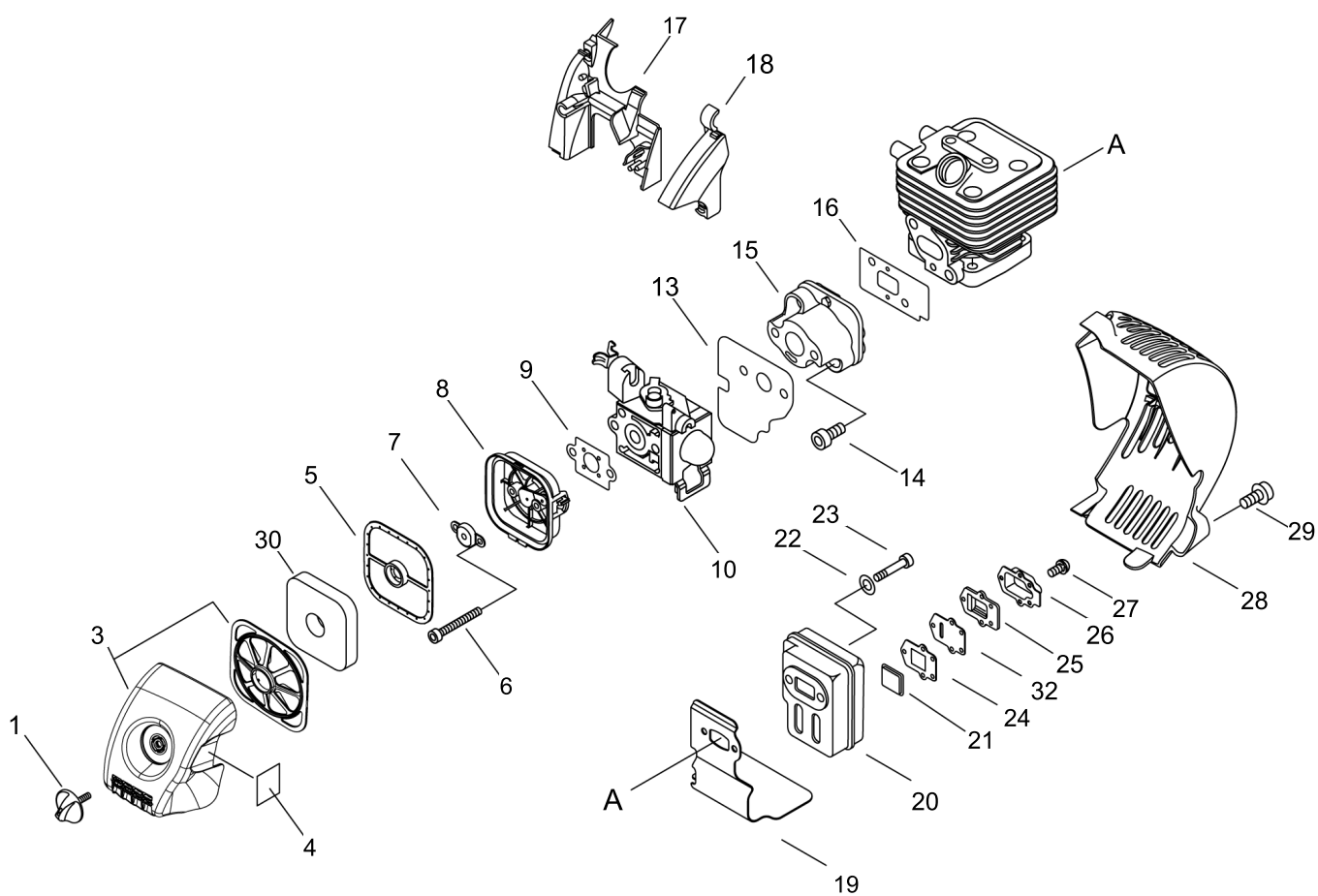


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STARTER, MAGNETO

KEY NO	LV(+)	Part No	Description	Qty	Standard
1		V485-000960	LEAD	1	
2		152115-05530	BUSHING	1	
3		A425-000000	SPARKPLUG	1	BPMR8Y
4		A426-000010	TERMINAL, SPARKPLUG	1	
5		A429-000010	COVER, CAP	1	
6		A427-000013	CAP, SPARK PLUG	1	
7		156110-04920	BUSHING	1	
9		V475-003380	TUBE	1	
10		91113-04020	BOLT	2	CM-4*20 SW,W
11		A411-000290	COIL, IGNITION	1	EMG-60 ID#C10146
12		A409-000210	ROTOR, MAGNETO	1	
12V		A409-001280	ROTOR, MAGNETO	1	
13		E101-000071	HUB, FAN	1	M8*1.25
14		P021-013780	SPACER	1	
15	+	V263-000070	NUT, 5	1	
16	+	900163-04016	BOLT HSH	4	
17		A052-000250	PULLEY, ASM STARTER	1	
18	+	900700-00004	E-RING 4	2	CE-4
19	+	V452-000280	SPRING, TORSION	2	
20	+	A514-000070	PAWL	2	
21		A051-001180	STARTER, RECOIL ASY	1	
22	+	177236-61830	SCREW	1	
23	+	P022-008260	ROPE	1	3M/M
24	+	P022-006830	DRUM	1	
25	+	177220-42030	SPRING, REWIND	1	
26	+	P022-008280	PLATE, CAM(TI12-511)	1	
27	+	177246-11120	CLIP, STARTER ROPE	1	
28	+	177228-27030	GRIP, STARTER	1	
29	+	177227-42030	GUIDE, ROPE	1	
30	+	P022-008270	SPRING, DAMPER	1	
31		X502-000330	LABEL, ECHO	1	ECHO
32		V420-001440	CUSHION	1	
33		900106-05014	BOLT, H.S. 5*14	3	5*14
34V		100142-12330	KEY, WOODRUFF	1	

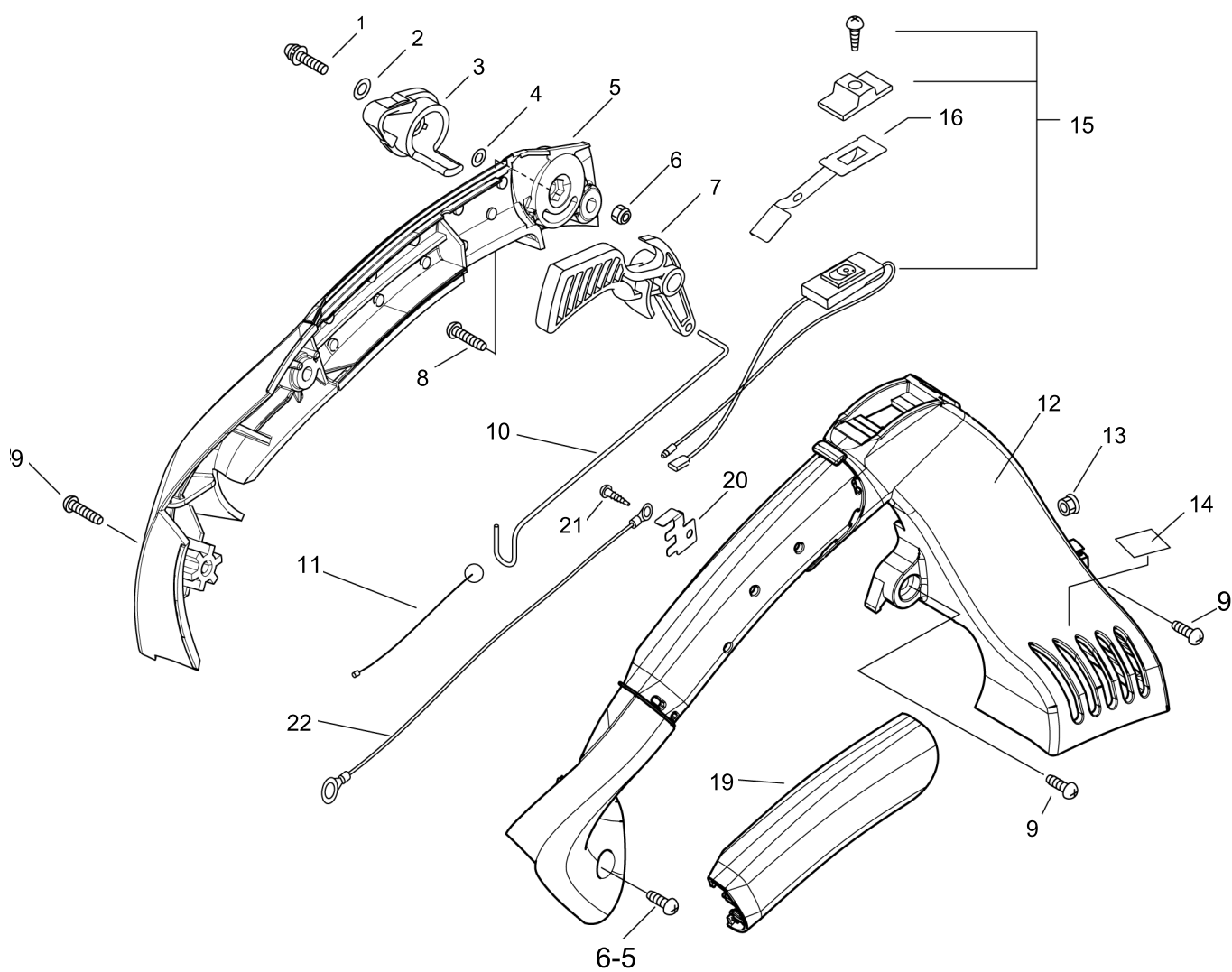
AIR CLEANER, CARBURETOR, MUFFLER



AIR CLEANER, CARBURETOR, MUFFLER

KEY NO	LV(+)	Part No	Description	Qty	Standard
1		V299-000250	KNOB,FASTENER	1	
3		P021-015720	KIT,LID AIR CLEANER	1	
4		X506-000090	LABEL,CHOKE	1	
5		A226-000470	ELEMENT, AIR FILTER	1	
5		A226-000471	ELEMENT, AIR FILTER	1	
6		900105-05060	BOLT, H.S. 5*60	2	5*60
7		A244-000070	PLATE,PREVENT	1	
8		P021-010980	CLEANER CASE ASY	1	
9		130016-42031	GASKET, INTAKE	1	
10		A021-001591	CARBURETOR, DIAPHRAGM	1	RB-K90
13		V103-000400	GASKET,INTAKE	1	
14		900162-05025	BOLT, H.S. 5*25	2	5*25 W,SW
15		A200-000280	INSULATOR, INTAKE	1	
16		V103-000390	GASKET,INTAKE	1	
17		A160-000830	COVER,CYLINDER	1	
18		C459-000010	COVER,THROTTLE	1	
19		V104-000820	GASKET,EXHAUST	1	NP7002
20		A300-000810	MUFFLER, EXHAUST	1	
21		A310-000070	SCREEN, ARRESTOR	1	22*28*3
22		900603-00005	WASHER 5	2	5.5*12*0.8
23		V203-000190	BOLT,5	2	AN A2-70
24		V104-000940	GASKET,EXHAUST	1	T:0.5
25		A313-000910	GUIDE, EXHAUST	1	
26		A313-000920	GUIDE, EXHAUST	1	
27		91367-04010	SCREW	5	4*10/SW(SUS)
28		P021-011200	COVER,MUFFLER KIT	1	
29		900106-05014	BOLT, H.S. 5*14	2	5*14
30		A226-000370	ELEMENT, AIR FILTER	1	
32		A313-001070	GUIDE, EXHAUST	1	

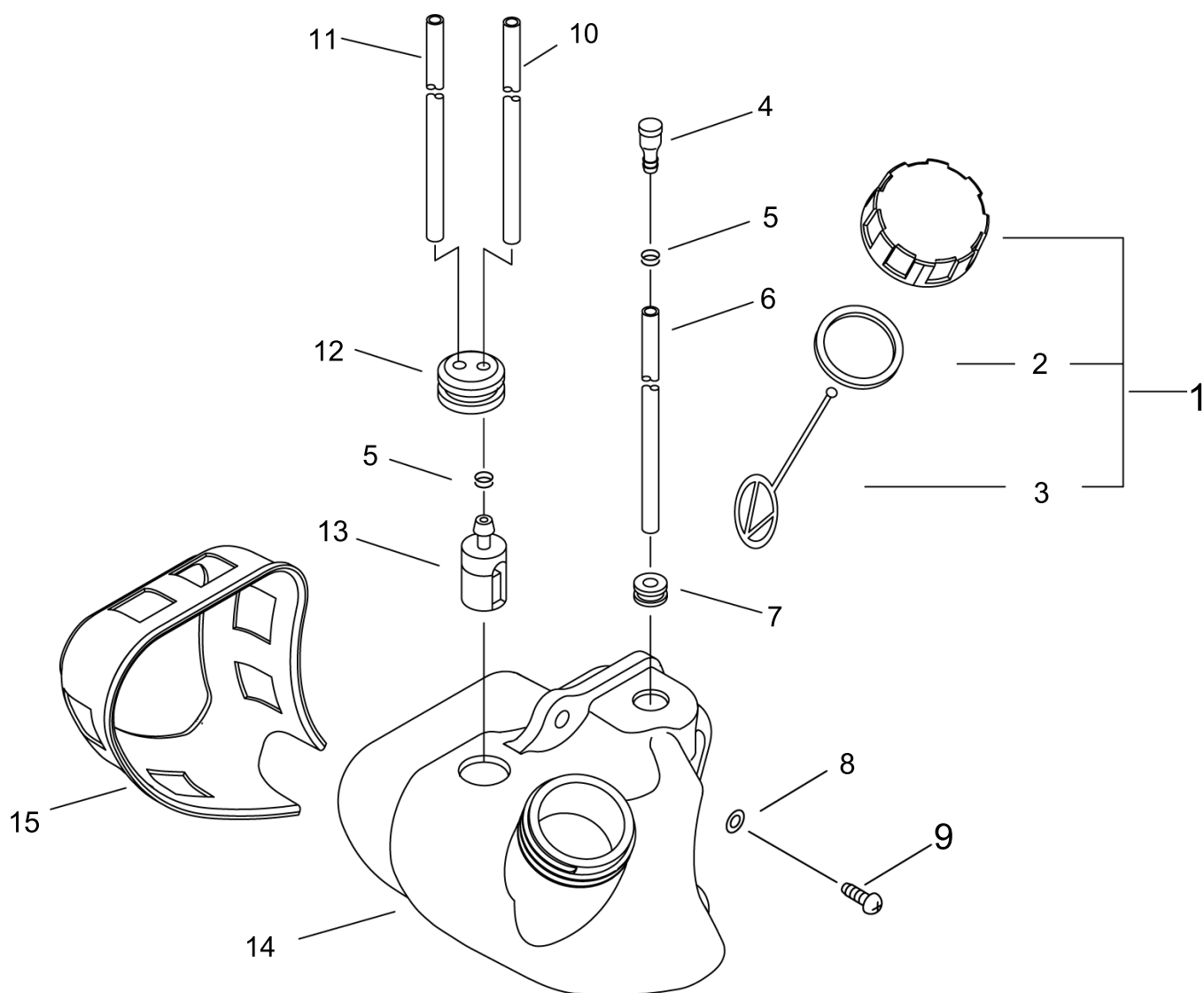
HANDLE



HANDLE

KEY NO	LV(+)	Part No	Description	Qty	Standard
1		900238-05025	SCREW 5*25	1	5*25
2		900602-00005	WASHER 5	1	5.3*10*1
3		C453-000260	LEVER, THROTTLE	1	
4		900603-00005	WASHER 5	1	5.5*12*0.8
5		C411-000021	LID,HANDLE	1	
6		900562-50005	LOCKNUT 5	1	5
7		C450-000241	CONTROL, THROTTLE	1	
8		900253-05025	SCREW 5*25	1	5*25
9		900253-05020	SCREW 5*20	3	5*20
10		C454-000130	ROD, THROTTLE	1	
11		V431-000000	CABLE,INNER	1	
12		C400-000490	HANDLE, FRONT	1	
13		V263-000070	NUT,5	1	
14		X505-002310	LABEL,CAUTION	1	HOT CAUTION
15		A440-001010	SWITCH, ON OFF	1	
16		V486-000110	TERMINAL,LEAD	1	
19		C412-000150	GRIP, HANDLE	1	
20		V486-000120	TERMINAL,LEAD	1	
21		900253-04010	SCREW 4*10	1	4*10
22		V485-000370	LEAD	1	

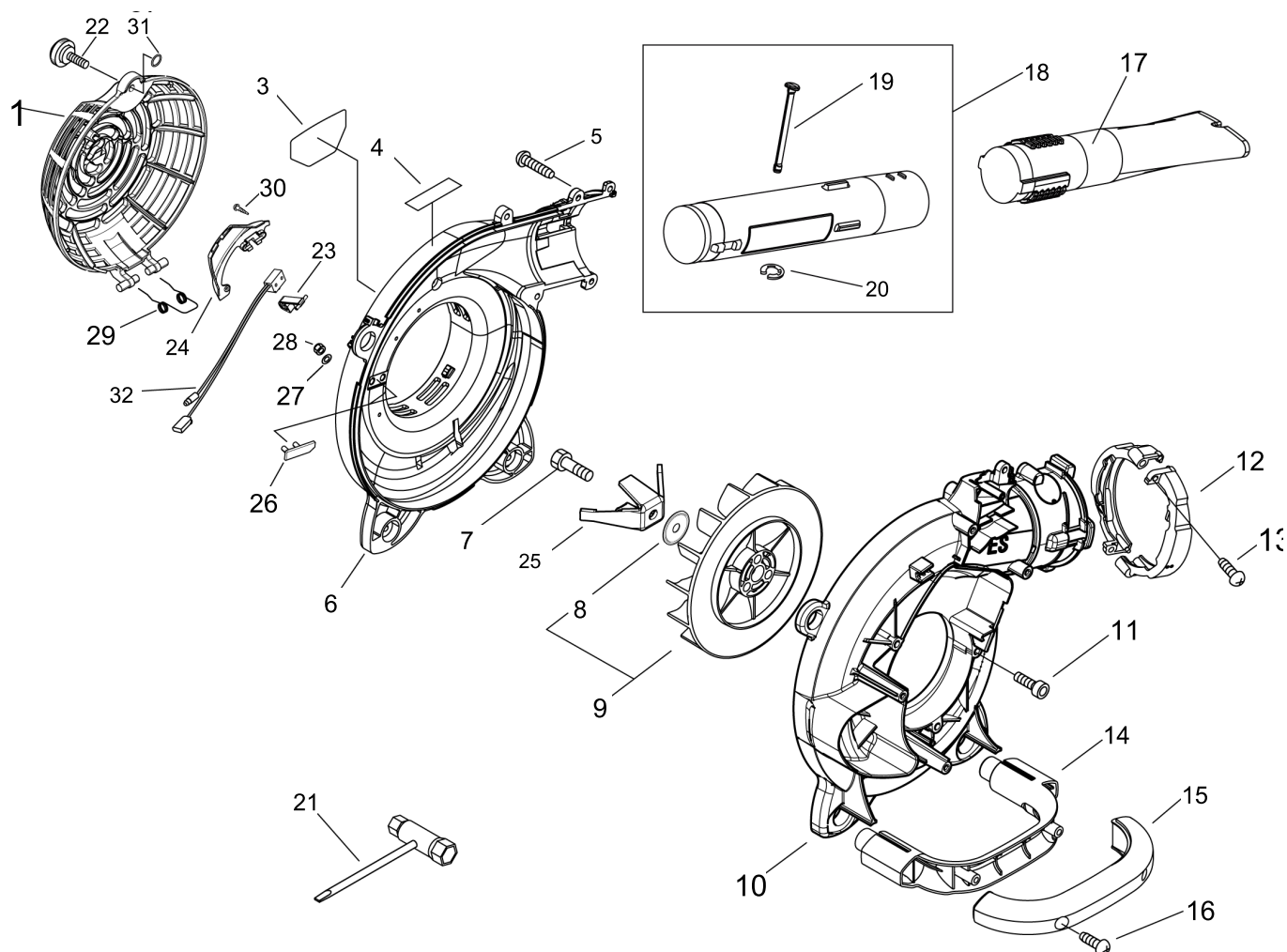
FUEL TANK



FUEL TANK

KEY NO	LV(+)	Part No	Description	Qty	Standard
1		131004-55530	CAP ASSY, FUEL TANK	1	
2	+	131016-55830	GASKET, FUEL CAP	1	
3	+	131051-56030	CLIP, FUEL CAP	1	100L
4		A356-000030	VALVE,CHECK	1	
5		132013-09820	CLIP	2	6MM
6		V471-001220	PIPE	1	3*5*50 NBR
7		132115-01461	GROMMET	1	
8		900603-00005	WASHER 5	2	5.5*12*0.8
9		900253-05020	SCREW 5*20	2	5*20
10		V471-001860	PIPE	1	3*5*175
11		132010-49730	PIPE 3*6*85	1	3*6*85 YL
12		132115-44330	GROMMET	1	
13		131205-07320	STRAINER, FUEL	1	
14		A350-000550	TANK, FUEL	1	
15		V420-001430	CUSHION	1	

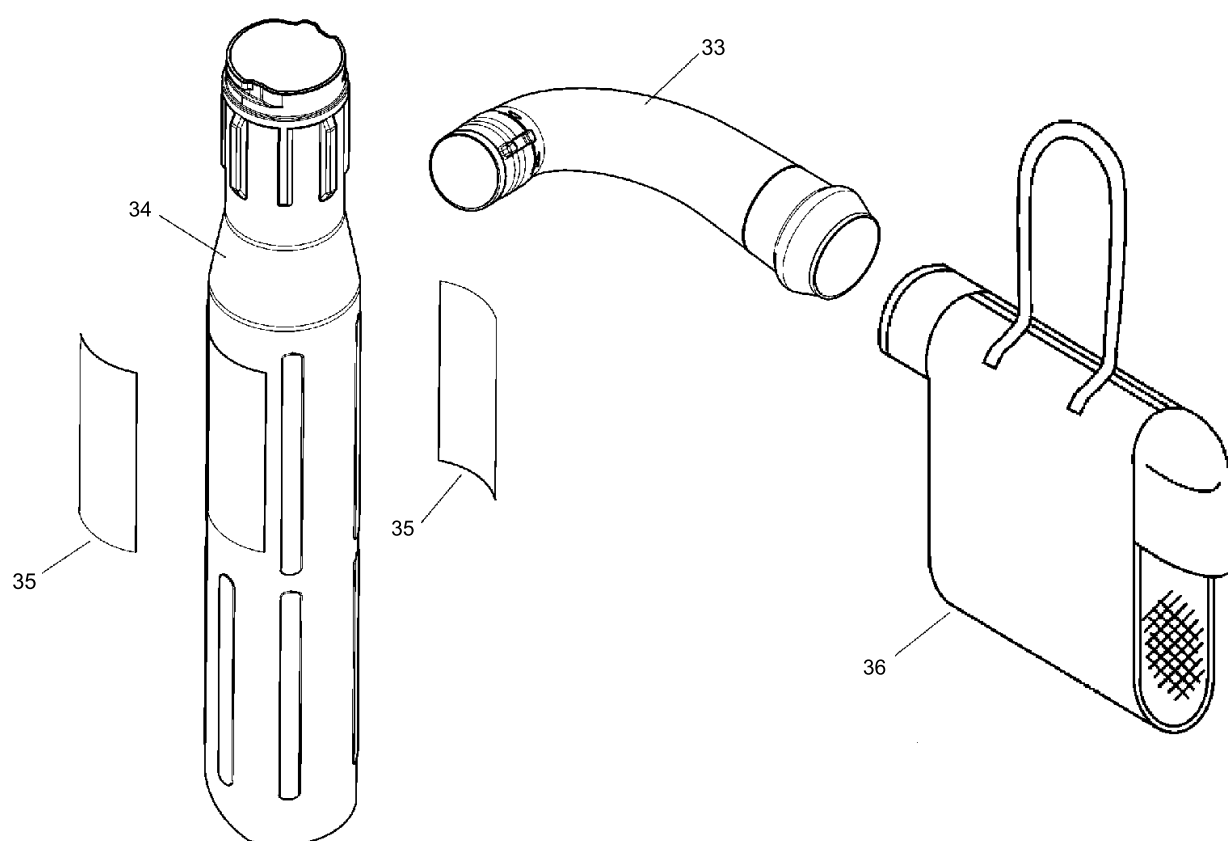
FAN CASE, BLOWER PIPE



FAN CASE, BLOWER PIPE

KEY NO	LV(+)	Part No	Description	Qty	Standard
1		E104-000090	GRID, BLOWER	1	
3		X547-000870	LABEL,ECHO	1	ES-255ES
4		X505-002080	LABEL,CAUTION	1	
5		900253-05020	SCREW 5*20	8	5*20
6		E103-000490	CASE,FAN	1	
7		900105-08015	BOLT, H.S. 8*15	1	8*15
9		P021-010663	FAN,BLOWER KIT	1	
8	+	100143-19830	WASHER	1	8.2*31*0.8
10		E103-000501	CASE,FAN	1	
11		900162-04020	BOLT, H.S. 4*20	4	4*20 W,SW
12		E162-000000	FIXTURE, BLOW PIPE	2	
13		900253-05020	SCREW 5*20	2	5*20
14		C410-000391	HANDLE, REAR	1	
15		C410-000400	HANDLE, REAR	1	
16		900253-05020	SCREW 5*20	2	5*20
17		E165-000191	PIPE,BLOWER	1	
18		E165-000210	PIPE,BLOWER	1	
19	+	E178-000050	GUARD,PIPE	1	
20	+	V583-000080	RING	1	CE-5
21		895410-06960	WRENCH, W/S-DRIVER	1	
22		V299-000290	KNOB,FASTENER	1	1 KNOB M5X0.8
23		A446-000000	LEVER, ACTUATOR	1	
24		A473-000020	LID,SWITCH CASE	1	
25		X413-000010	CUTTER,SHREDDER	1	
26		X413-000020	CUTTER,SHREDDER	1	
27		900603-00005	WASHER 5	2	5.5*12*0.8
28		900562-50005	LOCKNUT 5	2	5
29		V452-000370	SPRING,TORSION	1	
30		900256-04016	SCREW 4*16	3	4*16
31		900720-00003	O-RING P-3	1	P-3
32		A045-000170	SWITCH, ON OFF	1	

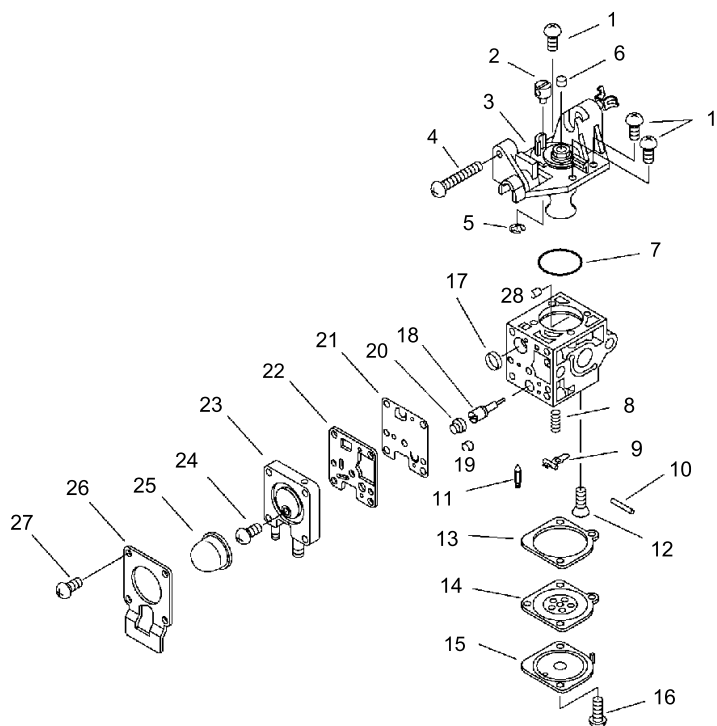
DUST ATTACHMENT



DUST ATTACHMENT

KEY NO	LV(+)	Part No	Description	Qty	Standard
33		E160-000120	PIPE,MAIN	1	
34		E180-000011	PIPE,SUCTION	1	
35		X503-008950	LABEL,MODEL	2	
36		X692-000022	BAG,DUST	1	ECHO BAG - BLACK

CARBURETOR



CARBURETOR

KEY NO	LV(+)	Part No	Description	Qty	Standard
		A021-001591	CARBURETOR, DIAPHRAGM	1	RB-K90
1	+	125344-13931	SCREW	3	
2	+	P005-002090	POST	1	
3	+	P005-002000	COVER ASY, ROTOR	1	
4	+	P005-000100	SCREW, THROTTLEADJUST	1	
5	+	P005-000190	E-RING	1	
6	+	P005-001270	PLUG, H AJUST SCREW	1	
7	+	P005-000280	O-RING	1	
8	+	P005-000940	SPRING, METER. LEVER	1	
9	+	125323-08260	ARM, VALVE	1	
10	+	125338-13930	PIN, METERING ARM	1	
11	+	125337-08260	VALVE, INLET NEEDLE	1	
12	+	125339-42030	SCREW	1	
13	+	P005-000200	GASKET, METERING	1	
14	+	P005-001780	DIAPHRAGM	1	
15	+	125342-52130	COVER, DIAPHRAGM	1	
16	+	125344-52130	SCREW	1	
17	+	P005-000010	STRAINER	1	
18	+	P005-001260	SCREW,MAINN MIXTURE	1	
19		P005-001270	PLUG, H AJUST SCREW	1	
20	+	P005-001250	RETAINER,PLUG BALL	1	
21	+	P005-000510	DIAPHRAGM, PUMP	1	
22	+	P005-000520	GASKET, PUMP	1	
23	+	P005-001890	BASE, ASY PRIMER	1	
24	+	P005-000270	SCREW	1	
25	+	125381-08660	PUMP, PRIMING	1	
26	+	P005-000250	RETAINER	1	
27	+	P005-001900	SCREW	4	
28	+	P005-001000	ROLLER, GUIDE	1	

REPAIR KIT

REPAIR KIT

KEY NO	LV(+)	Part No	Description	Qty	Standard
		P005-001660	DIAPHRAGM/GASKET KIT	1	
1		P005-000200	GASKET, METERING	1	
2		P005-001780	DIAPHRAGM	1	
3		P005-000510	DIAPHRAGM, PUMP	1	
4		P005-000520	GASKET, PUMP	1	
		P005-001670	REBUILD KIT	1	
1		P005-001000	ROLLER, GUIDE	1	
2		P005-000010	STRAINER	1	
3		P005-000940	SPRING, METER. LEVER	1	
4		125323-08260	ARM, VALVE	1	
5		125338-13930	PIN, METERING ARM	1	
6		125337-08260	VALVE, INLET NEEDLE	1	
7		P005-000200	GASKET, METERING	1	
8		P005-001780	DIAPHRAGM	1	
9		P005-000510	DIAPHRAGM, PUMP	1	
10		P005-000520	GASKET, PUMP	1	
		P021-012350	GASKET KIT	1	
1		V100-000190	GASKET,CYL	1	
2		100242-42030	GASKET, CRANKCASE	1	
3		V103-000390	GASKET,INTAKE	1	
4		V103-000400	GASKET,INTAKE	1	
5		130016-42031	GASKET, INTAKE	1	
6		V104-000820	GASKET,EXHAUST	1	NP7002
7		V104-000830	GASKET,EXHAUST	1	

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100015-0-4630	CIRCLIP, PISTON PIN	2	132010-4-9730	PIPE 3*6*85	10	900253-0-5020	SCREW 5*20	8
100142-1-2330	KEY, WOODRUFF	4	132013-0-9820	CLIP	10	900253-0-5020	SCREW 5*20	10
100143-1-9830	WASHER	12	132115-0-1461	GROMMET	10	900253-0-5020	SCREW 5*20	12
100212-4-2031	OILSEAL	2	132115-4-4330	GROMMET	10	900253-0-5025	SCREW 5*25	8
100215-0-3930	PIN, DOWEL	2	152115-0-5530	BUSHING	4	900256-0-4016	SCREW 4*16	12
100242-4-2030	GASKET, CRANKCASE	2	156110-0-4920	BUSHING	4	900562-5-0005	LOCKNUT 5	8
100242-4-2030	GASKET, CRANKCASE	18	177220-4-2030	SPRING, REWIND	4	900562-5-0005	LOCKNUT 5	12
125323-0-8260	ARM, VALVE	16	177227-4-2030	GUIDE, ROPE	4	900602-0-0005	WASHER 5	8
125323-0-8260	ARM, VALVE	18	177228-2-7030	GRIP, STARTER	4	900603-0-0005	WASHER 5	6
125337-0-8260	VALVE, INLET NEEDLE	16	177236-6-1830	SCREW	4	900603-0-0005	WASHER 5	8
125337-0-8260	VALVE, INLET NEEDLE	18	177246-1-1120	CLIP, STARTER ROPE	4	900603-0-0005	WASHER 5	10
125338-1-3930	PIN, METERING ARM	16	895410-0-6960	WRENCH, W/S-DRIVER	12	900603-0-0005	WASHER 5	12
125338-1-3930	PIN, METERING ARM	18	900105-0-5060	BOLT, H.S. 5*60	6	900700-0-0004	E-RING 4	4
125339-4-2030	SCREW	16	900105-0-8015	BOLT, H.S. 8*15	12	900720-0-0003	O-RING P-3	12
125342-5-2130	COVER, DIAPHRAGM	16	900106-0-5008	BOLT, H.S. 5* 8	2	91113-04-020	BOLT	4
125344-1-3931	SCREW	16	900106-0-5014	BOLT, H.S. 5*14	4	91367-04-010	SCREW	6
125344-5-2130	SCREW	16	900106-0-5014	BOLT, H.S. 5*14	6	94035-36-201	BEARING BALL	2
125381-0-8660	PUMP, PRIMING	16	900162-0-4020	BOLT, H.S. 4*20	12	A011-00-0371	CRANKSHAFT,ASM	2
130016-4-2031	GASKET, INTAKE	6	900162-0-5025	BOLT, H.S. 5*25	2	A021-00-1591	CARBURETOR, DIAPHRAGM	6
130016-4-2031	GASKET, INTAKE	18	900162-0-5025	BOLT, H.S. 5*25	6	A021-00-1591	CARBURETOR, DIAPHRAGM	16
131004-5-5530	CAP ASSY, FUEL TANK	10	900162-0-5028	BOLT, H.S. 5*28	2	A045-00-0170	SWITCH, ON OFF	12
131016-5-5830	GASKET, FUEL CAP	10	900163-0-4016	BOLT HSH	4	A051-00-1180	STARTER,RECOIL ASY	4
131051-5-6030	CLIP, FUEL CAP	10	900238-0-5025	SCREW 5*25	8	A052-00-0250	PULLEY,ASM STARTER	4

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A160-00-0821	COVER, CYLINDER	2	A514-00-0070	PAWL	4	P005-00-0200	GASKET, METERING	16
A160-00-0830	COVER, CYLINDER	6	C400-00-0490	HANDLE, FRONT	8	P005-00-0200	GASKET, METERING	18
A200-00-0280	INSULATOR, INTAKE	6	C410-00-0391	HANDLE, REAR	12	P005-00-0250	RETAINER	16
A226-00-0370	ELEMENT, AIR FILTER	6	C410-00-0400	HANDLE, REAR	12	P005-00-0270	SCREW	16
A226-00-0470	ELEMENT, AIR FILTER	6	C411-00-0021	LID, HANDLE	8	P005-00-0280	O-RING	16
A226-00-0471	ELEMENT, AIR FILTER	6	C412-00-0150	GRIP, HANDLE	8	P005-00-0510	DIAPHRAGM, PUMP	16
A244-00-0070	PLATE, PREVENT	6	C450-00-0241	CONTROL, THROTTLE	8	P005-00-0510	DIAPHRAGM, PUMP	18
A300-00-0810	MUFFLER, EXHAUST	6	C453-00-0260	LEVER, THROTTLE	8	P005-00-0520	GASKET, PUMP	16
A310-00-0070	SCREEN, ARRESTOR	6	C454-00-0130	ROD, THROTTLE	8	P005-00-0520	GASKET, PUMP	18
A313-00-0910	GUIDE, EXHAUST	6	C459-00-0010	COVER, THROTTLE	6	P005-00-0940	SPRING, METER. LEVER	16
A313-00-0920	GUIDE, EXHAUST	6	E101-00-0071	HUB, FAN	4	P005-00-0940	SPRING, METER. LEVER	18
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A356-00-0030	VALVE, CHECK	10	E104-00-0090	GRID, BLOWER	12	P005-00-1250	RETAINER, PLUG BALL	16
A409-00-0210	ROTOR, MAGNETO	4	E160-00-0120	PIPE, MAIN	14	P005-00-1260	SCREW, MAIN MIXTURE	16
A409-00-1280	ROTOR, MAGNETO	4	E162-00-0000	FIXTURE, BLOW PIPE	12	P005-00-1270	PLUG, H ADJUST SCREW	16
A411-00-0290	COIL, IGNITION	4	E165-00-0191	PIPE, BLOWER	12	P005-00-1660	DIAPHRAGM/ GASKET KIT	18
A425-00-0000	SPARK PLUG	4	E165-00-0210	PIPE, BLOWER	12	P005-00-1670	REBUILD KIT	18
A426-00-0010	TERMINAL, SPARK PLUG	4	E178-00-0050	GUARD, PIPE	12	P005-00-1780	DIAPHRAGM	16
A427-00-0013	CAP, SPARK PLUG	4	E180-00-0011	PIPE, SUCTION	14	P005-00-1780	DIAPHRAGM	18
A429-00-0010	COVER, CAP	4	P005-00-0010	STRAINER	16	P005-00-1890	BASE, ASY PRIMER	16
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P005-00-2000	COVER ASY, ROTOR	16	V203-00-0190	BOLT,5	6	X505-00-2080	LABEL,CAUTION	12
P005-00-2090	POST	16	V263-00-0070	NUT,5	4	X505-00-2310	LABEL,CAUTION	8
P021-00-8231	CRANKCASE KIT	2	V263-00-0070	NUT,5	8	X506-00-0090	LABEL,CHOKE	6
P021-01-0260	PISTON KIT	2	V299-00-0250	KNOB,FASTENER	6	X547-00-0870	LABEL,ECHO	12
P021-01-0663	FAN,BLOWER KIT	12	V299-00-0290	KNOB,FASTENER	12	X692-00-0022	BAG,DUST	14
P021-01-0980	CLEANER CASE ASY	6	V420-00-1430	CUSHION	10			
P021-01-1200	COVER,MUFFLER KIT	6	V420-00-1440	CUSHION	4			
P021-01-2350	GASKET KIT	18	V431-00-0000	CABLE,INNER	8			
P021-01-3780	SPACER	4	V452-00-0280	SPRING,TORSION	4			
P021-01-5720	KIT,LID AIR CLEANER	6	V452-00-0370	SPRING,TORSION	12			
P022-00-6830	DRUM	4	V471-00-1220	PIPE	10			
P022-00-8260	ROPE	4	V471-00-1860	PIPE	10			
P022-00-8270	SPRING,DAMPER	4	V475-00-3380	TUBE	4			
P022-00-8280	PLATE, CAM (TI12-511)	4	V485-00-0370	LEAD	8			
V100-00-0190	GASKET,CYL	2	V485-00-0960	LEAD	4			
V100-00-0190	GASKET,CYL	18	V486-00-0110	TERMINAL,LEAD	8			
V103-00-0390	GASKET,INTAKE	6	V486-00-0120	TERMINAL,LEAD	8			
V103-00-0390	GASKET,INTAKE	18	V553-00-0060	BEARING,NEEDLE 8	2			
V103-00-0400	GASKET,INTAKE	6	V583-00-0080	RING	12			
V103-00-0400	GASKET,INTAKE	18	V606-00-0000	PIN,ENG 8	2			
V104-00-0820	GASKET,EXHAUST	6	X413-00-0010	CUTTER,SHREDDER	12			
V104-00-0820	GASKET,EXHAUST	18	X413-00-0020	CUTTER,SHREDDER	12			
V104-00-0830	GASKET,EXHAUST	18	X502-00-0330	LABEL,ECHO	4			
V104-00-0940	GASKET,EXHAUST	6	X503-00-8950	LABEL,MODEL	14			