

**ES-2100**

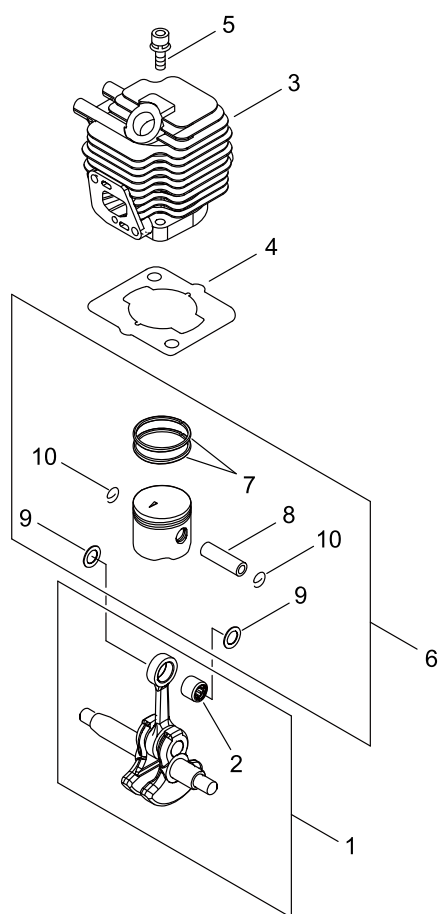
**Published:11/16/2017**

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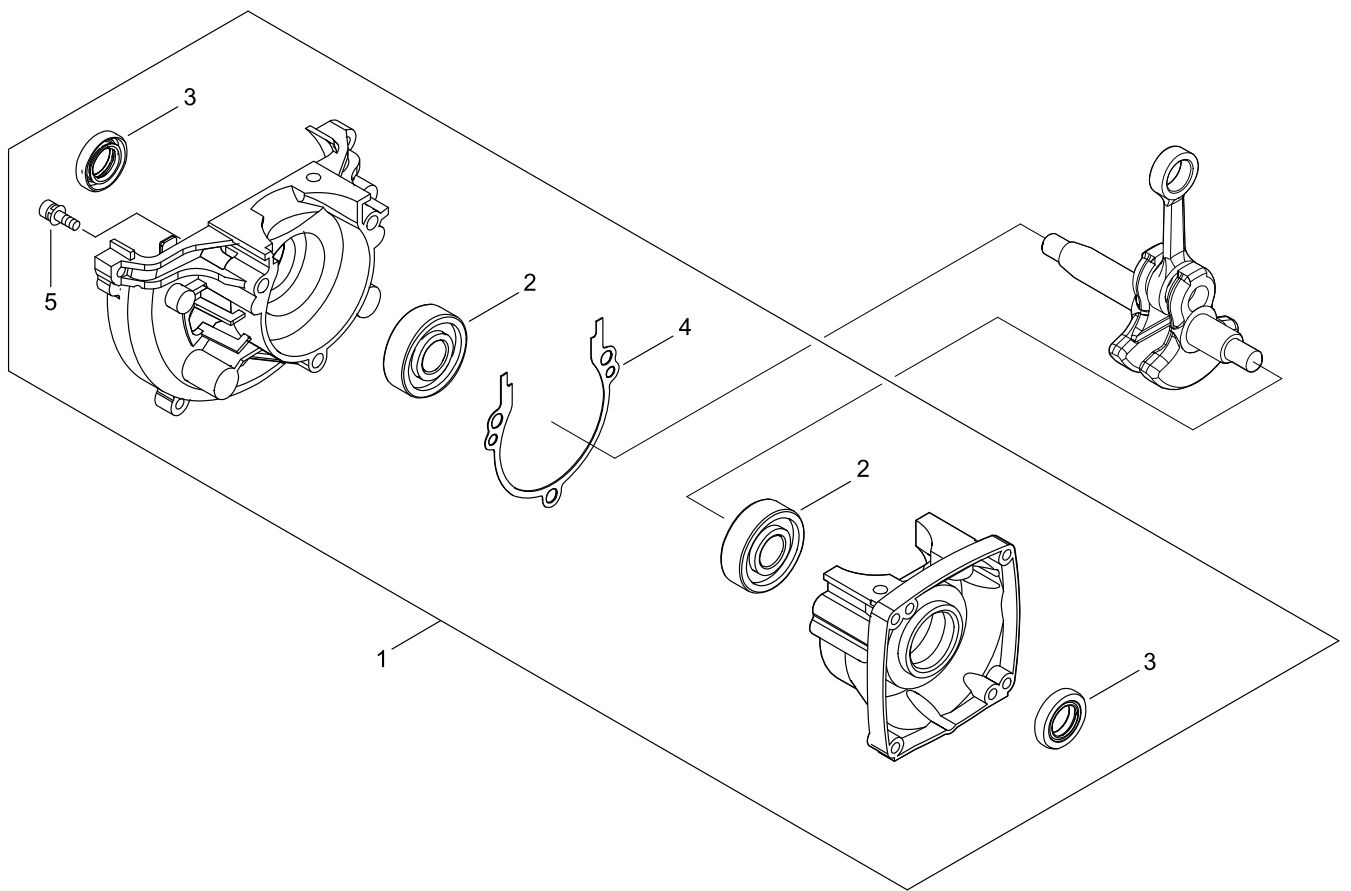
## CYLINDER, PISTON, CRANKSHAFT



## CYLINDER, PISTON, CRANKSHAFT

KEY NO	LV(+)	Part No	Description	Qty	Standard	Comment
1		A011-000150	CRANKSHAFT,ASM	1		
2	+	V553-000060	BEARING,NEEDLE 8	1	HK0810FMV4	
3		A130-000021	CYLINDER	1		
4		101010-44332	GASKET, CYL. BASE	1		
5		900162-05022	BOLT, H.S. 5*22	2	5*22 W,SW	
6		P021-001102	PISTON KIT	1		
7	+	A101-000000	RING,PISTON	2		
8	+	100013-11520	PIN, PISTON	1		
9	+	100014-11520	SPACER, PISTON PIN	2		
10	+	100015-04630	CIRCLIP, PISTON PIN	2		

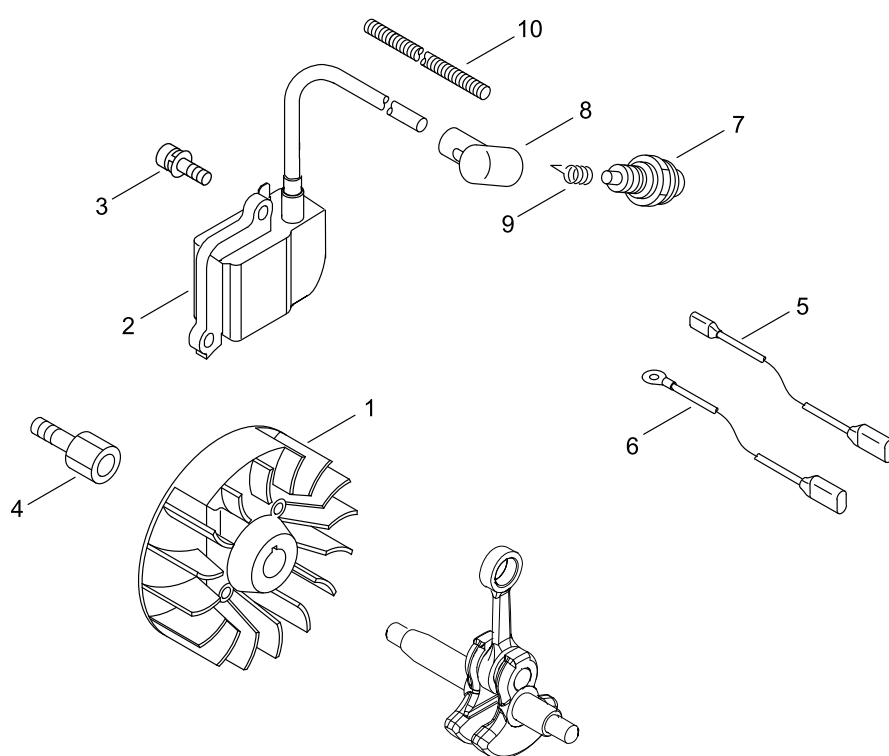
CRANKCASE



## CRANKCASE

KEY NO	LV(+)	Part No	Description	Qty	Standard	Comment
1		100204-52133	CRANKCASE KIT	1		
2	+	94035-36201	BEARING BALL	2	6201X3JR2C3	
3	+	100212-42031	OILSEAL	2	ISCD 12*22*4.5	
4	+	100242-42030	GASKET, CRANKCASE	1		
5	+	900162-05028	BOLT, H.S. 5*28	3	5*28 W,SW	

## MAGNETO

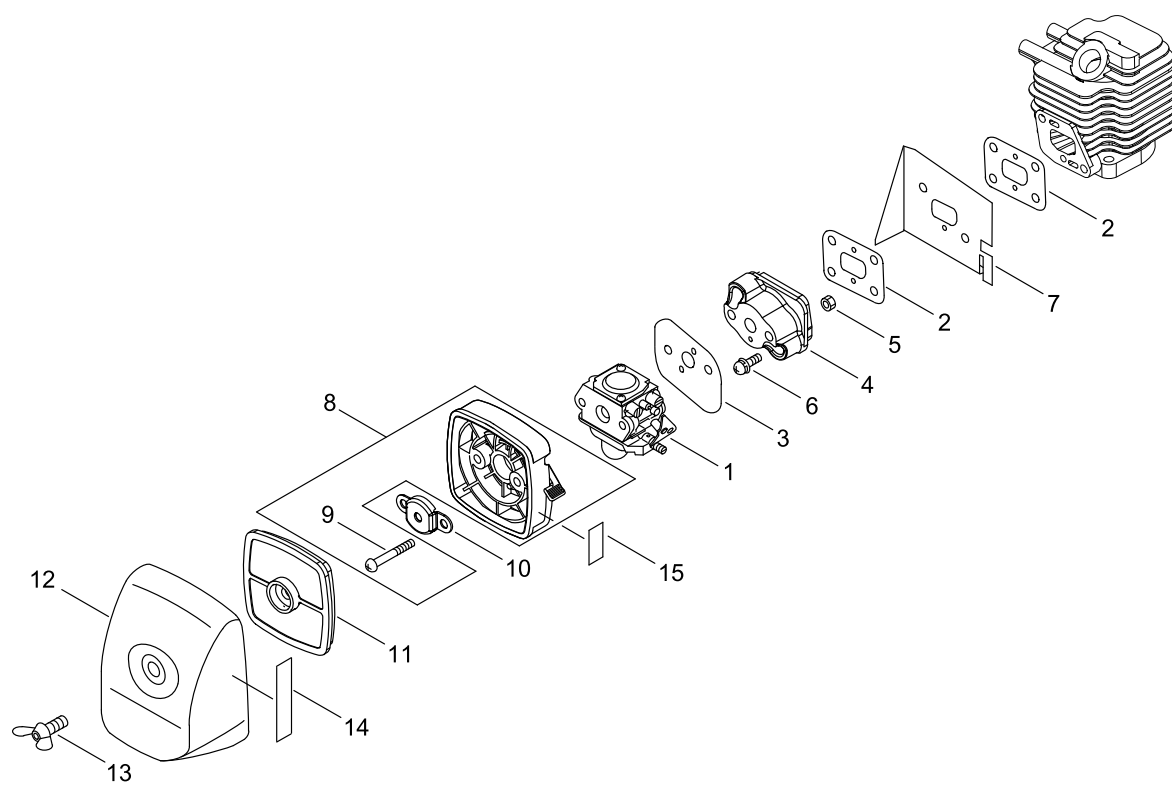


## MAGNETO

KEY NO	LV(+)	Part No	Description	Qty	Standard	Comment
1		A409-000100	ROTOR,MAGNETO	1		
2		A411-000021	COIL,IGNITION	1		
3		900162-04022	BOLT, H.S. 4*22	2	4*22 W,SW	
4		200011-05661	HUB, FAN	1		
5		V485-000040	LEAD	1		
6		162021-20660	LEAD	1	130L	
7		159010-10230	PLUG, SPARK (BPMR-7A	1	BPMR-7A	
8		159012-03433	CAP, SPARK PLUG	1		
9		159011-03432	COIL, SPARK PLUG	1		
10		156611-05060	TUBE	1	6*8*150	



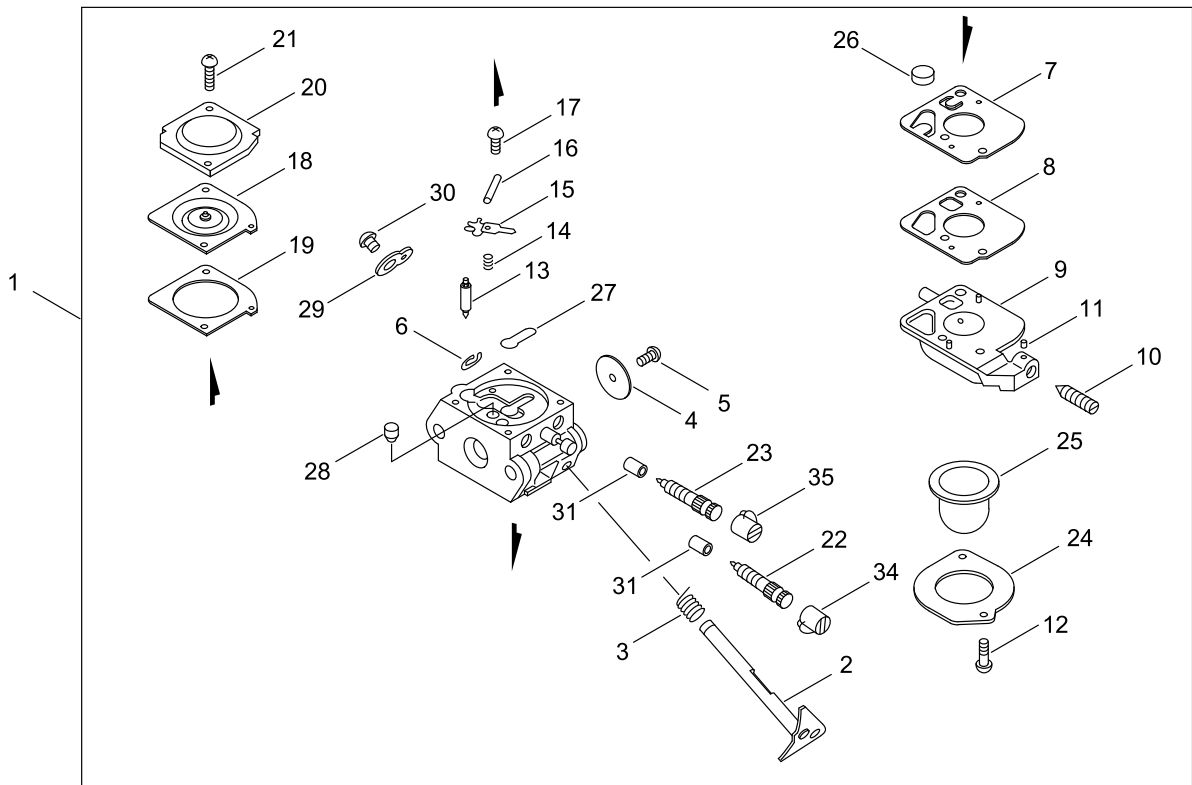
# AIR CLEANER, CARBURETOR



## AIR CLEANER, CARBURETOR

KEY NO	LV(+)	Part No	Description	Qty	Standard	Comment
1		125200-20665	CARBURETOR	1	C1U-K43B EMI	
2		130010-09561	GASKET, INTAKE	2		
3		130010-20560	GASKET, INTAKE	1		
4		130017-05062	INSULATOR, INTAKE	1		
5		900500-00005	NUT 5	2	5	
6		900238-05022	SCREW 5*22	2	5*22	
7		101514-20560	COVER, CYLINDER	1		
8		P021-010350	CASE,CLEANER ASY	1		
9	+	900242-05065	SCREW 5*65	2	5*65	
10		129011-52730	PLATE, PREVENT	1		
11		A226-001410	ELEMENT,AIR FILTER	1		
12		130313-05863	LID, AIR CLEANER	1		
13		210417-52730	BOLT, WING	1	5*20	
14		890121-05360	LABEL, METERING	1		
15		890560-90660	LABEL,PRIMING	1		

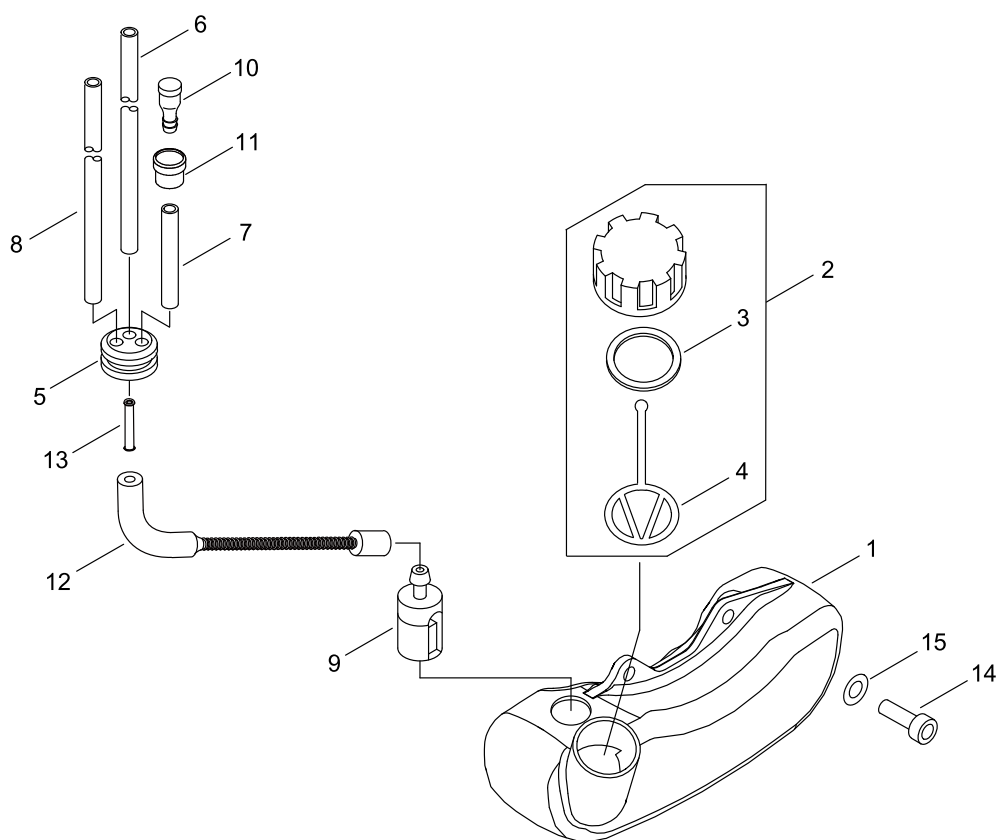
CARBURETOR



## CARBURETOR

KEY NO	LV(+)	Part No	Description	Qty	Standard	Comment
1		125200-20665	CARBURETOR	1	C1U-K43B EMI	
2	+	125317-06860	SHAFT, THROTTLE	1		
3	+	125313-08560	SPRING, THRT. RETURN	1		
4	+	125316-20560	VALVE, THROTTLE	1		
5	+	125314-51230	SCREW	1	3*4.5	
6	+	125327-13930	CLIP	1		
7	+	125312-12820	DIAPHRAGM, FUEL PUMP	1		
8	+	125325-13310	GASKET, PUMP	1		
9	+	P005-000990	BASE,PRIMER	1		
10	+	125334-06860	SCREW, IDLE ADJUST	1		
11	+	125378-13930	PIECE, FRICTION	1		
12	+	125310-11610	SCREW	2		
13	+	125337-06960	VALVE,INLET NEEDLE	1		
14	+	125322-07260	SPRING, COIL	1		
15	+	125323-42030	LEVER, METERING	1		
16	+	125338-13930	PIN, METERING ARM	1		
17	+	125339-42030	SCREW	1		
18	+	P005-002690	DIAPHRAGM ,METERING	1		
19	+	125340-20560	GASKET, DIAPHRAGM	1		
20	+	125342-07360	COVER, DIAPHRAGM	1		
21	+	125344-52130	SCREW	2		
22	+	125320-13310	NEEDLE, HIGH SPEED	1		
23	+	P005-000440	SCREW ASY IDLE MIX.	1		
24	+	125363-11610	RING	1		
25	+	P005-003120	PUMP, PRIMER	1		
26	+	125326-42030	STRAINER	1		
27	+	P005-002300	PLUG, WELCH	1		
28	+	125376-20660	NOZZLE, CHECK VALVE	1		
29	+	125350-20560	LEVER, THROTTLE	1		
30	+	125348-13930	SCREW	1		
31	+	125363-12820	RETAINER	2		
34	+	125329-08560	LIMITER, MIXTURE	1		
35	+	125329-09860	LIMITER, MIXTURE	1		

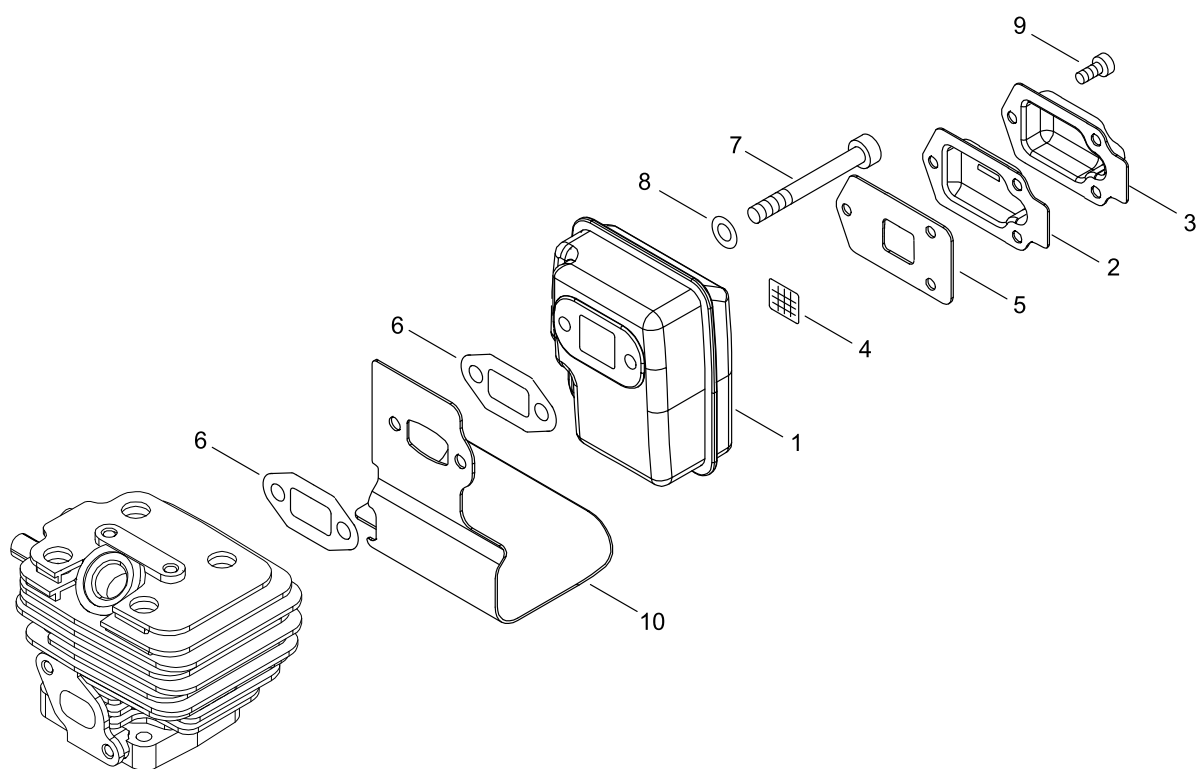
## FUEL TANK



## FUEL TANK

KEY NO	LV(+)	Part No	Description	Qty	Standard	Comment
1		131005-20561	TANK, FUEL	1		
2		131004-55530	CAP ASSY, FUEL TANK	1		
3	+	131016-55830	GASKET, FUEL CAP	1		
4	+	131051-56030	CLIP, FUEL CAP	1	100L	
5		132115-46730	GROMMET, FUEL	1		
6		V471-001210	PIPE	1	3*5*90 NBR	
7		V471-001200	PIPE	1	3*5*70 NBR	
8		132010-56330	PIPE 3*6*90	1	3*6*90 YL	
9		131205-07321	STRAINER, FUEL	1		
10		A356-000031	VALVE,CHECK	1		
11		131328-40630	COVER, VENT	1		
12		132012-12361	PIPE	1		
13		132011-03360	CONNECTOR, FUEL PIPE	1		
14		900238-05016	SCREW 5*16	2	5*16	
15		900603-00005	WASHER 5	2	5.5*12*0.8	

## MUFFLER

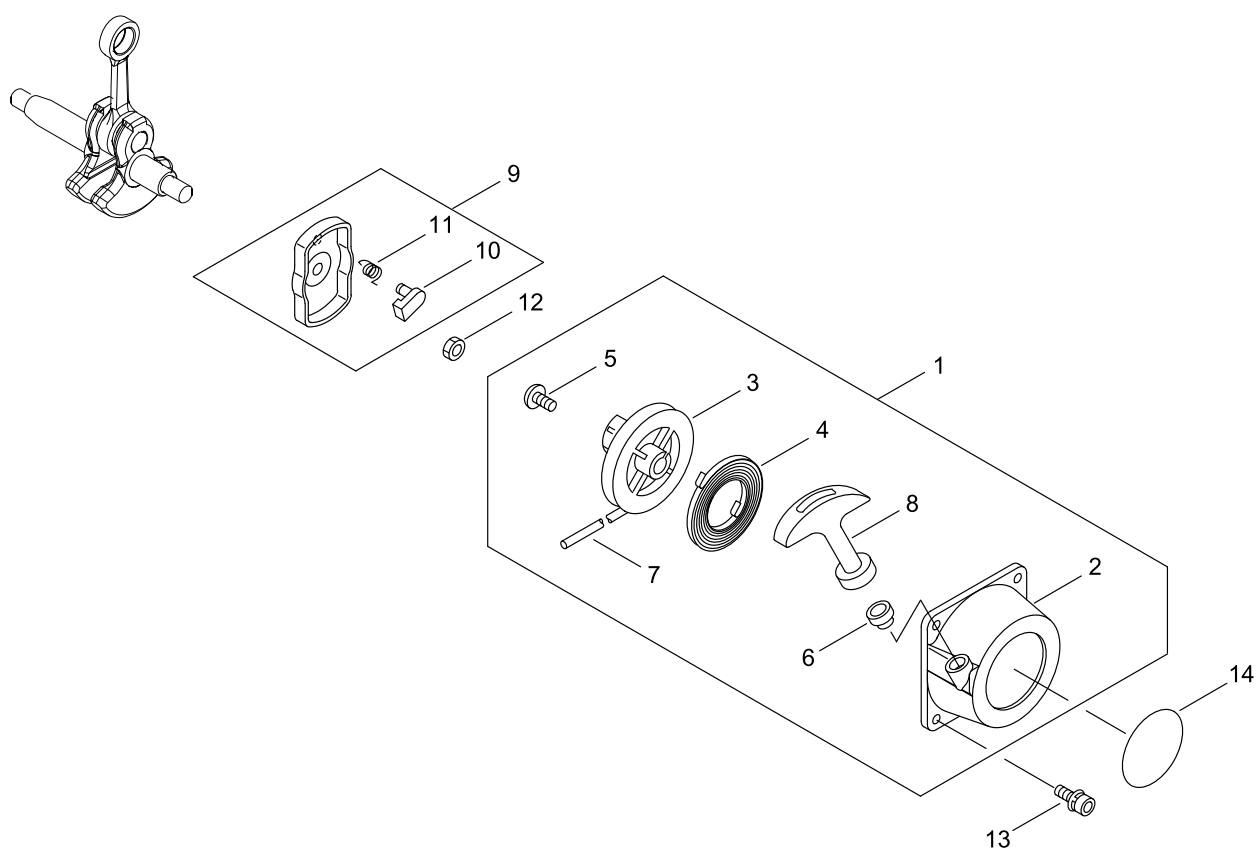


## MUFFLER

KEY NO	LV(+)	Part No	Description	Qty	Standard	Comment
1		145810-44330	MUFFLER	1		
2		145876-42030	LID, MUFFLER (B)	1		
3		A313-000020	GUIDE,EXH	1		
4		145862-40630	SCREEN, MUFFLER	1		
5		V104-000003	GASKET,EXHAUST	1		
6		V104-000160	GASKET,EXHAUST	2		
7		900105-05055	BOLT, H.S. 5*55	2	5*55	
8		900603-00005	WASHER 5	2	5.5*12*0.8	
9		900242-04010	SCREW 4*10	3	4*10	
10		145871-05760	COVER, MUFFLER	1		



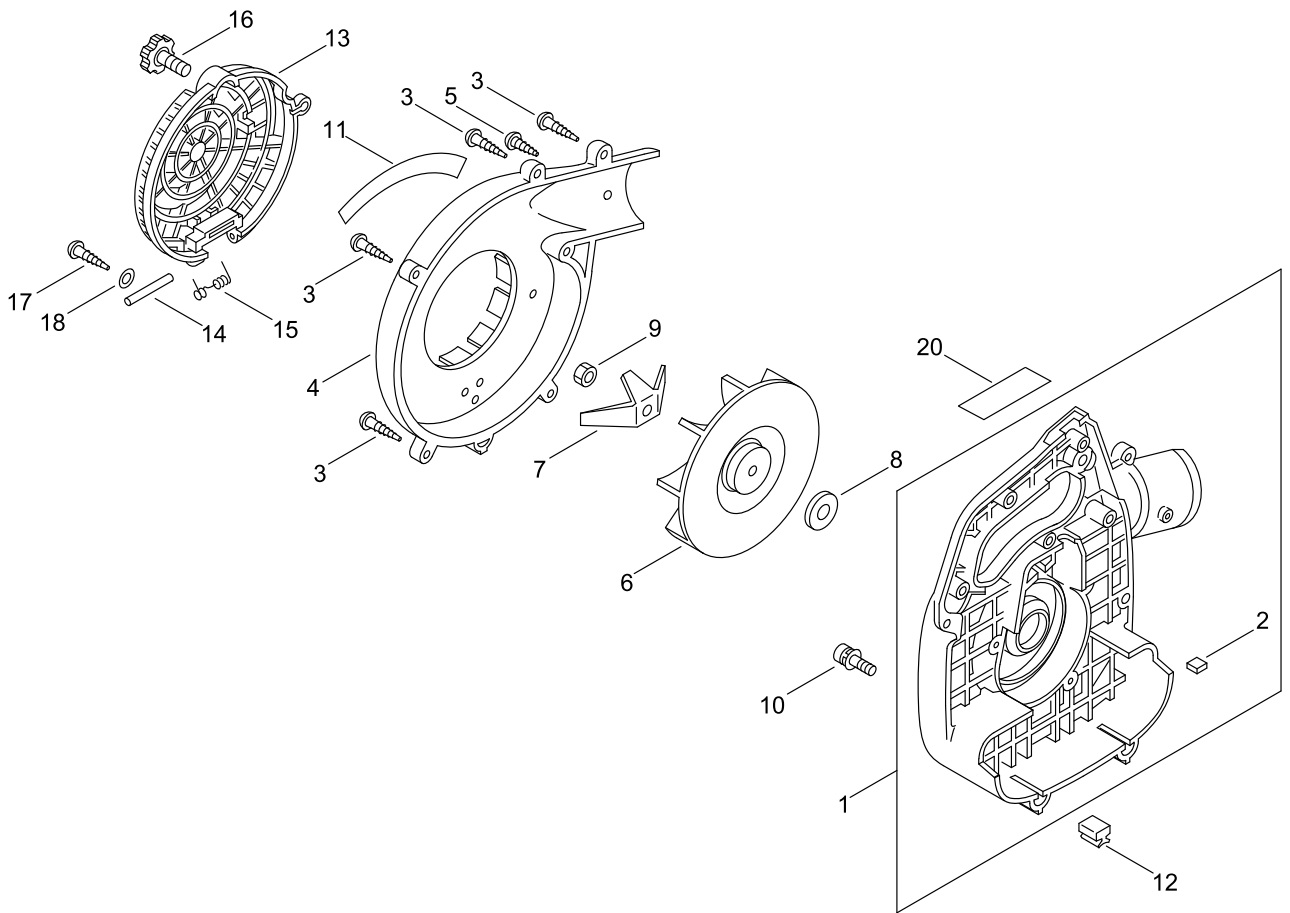
# RECOIL STARTER, PULLY



## RECOIL STARTER, PULLY

KEY NO	LV(+)	Part No	Description	Qty	Standard	Comment
1		177200-42033	STARTER ASSY	1		
2	+	177232-42032	CASE, STARTER	1		
3	+	177215-44430	DRUM, STARTER	1		
4	+	177220-42030	SPRING, REWIND	1		
5	+	177236-44330	SCREW	1		
6	+	177227-42030	GUIDE, ROPE	1		
7	+	177226-44330	ROPE, STARTER	1	3*1,000	
8	+	177228-06530	GRIP, STARTER	1		
9		A052-000061	PULLEY,ASM STARTER	1		
10	+	177218-44330	PAWL, STARTER	1	BLACK	
11	+	177234-12220	SPRING, PAWL	1		
12		900595-00008	NUT	1	8	
13		900163-04016	BOLT HSH	4		
14		X502-000330	LABEL,ECHO	1	ECHO	

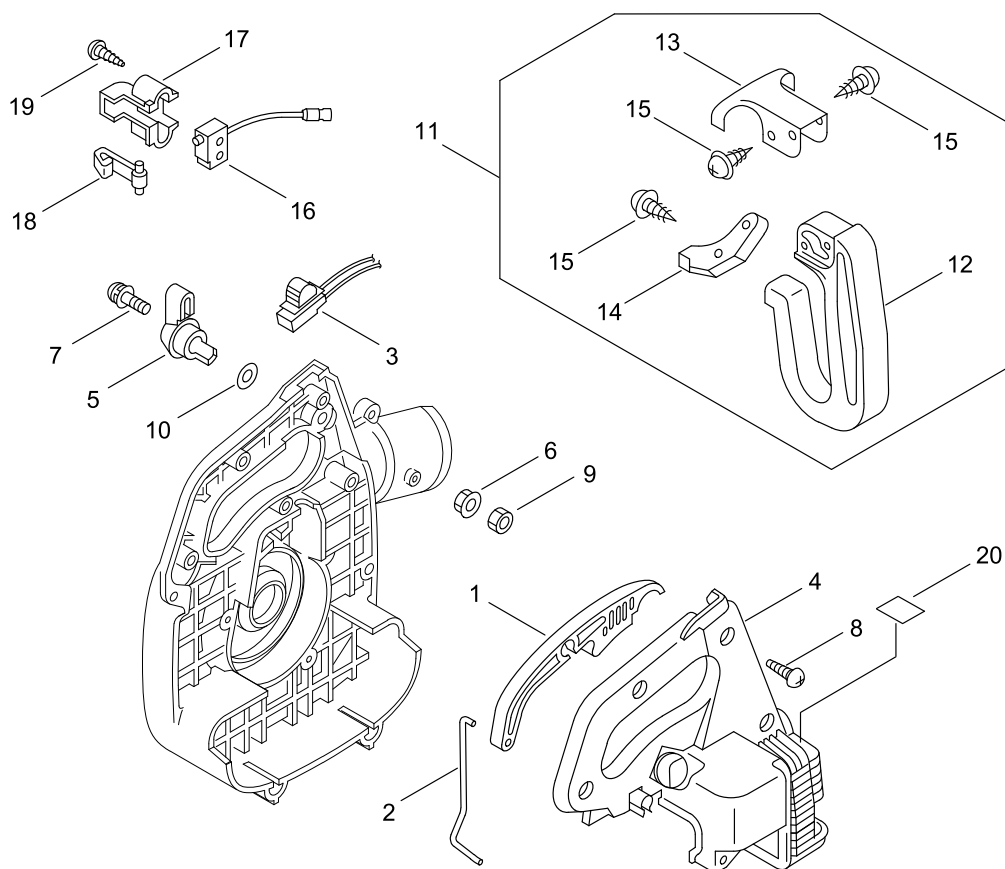
FAN CASE



## FAN CASE

KEY NO	LV(+)	Part No	Description	Qty	Standard	Comment
1		P021-015710	CASE,FAN(W/PLUG)	1		
2	+	101538-28230	GROMMET,PLUG	1		
3		900253-05020	SCREW 5*20	6	5*20	
4		E103-000570	CASE,FAN	1	FAN SIDE	
5		900256-05010	SCREW, TAPPING	1		
6		200010-06363	FAN	1		
7		200180-08761	CUTTER, SHREDDER	1		
8		100132-05660	WASHER	1	8.2*30*3.0	
9		900500-00008	NUT 8	1	8*P1.25	
10		900162-04022	BOLT, H.S. 4*22	4	4*22 W,SW	
11		890115-20661	LABEL, MODEL	1	ES-2100	
12		351335-20560	CUSHION	2		
13		200124-20661	GRID, FAN CASE	1		
14		200150-05060	SHAFT, GRID	1		
15		200152-05060	SPRING, GRID	1		
16		V299-000290	KNOB,FASTENER	1	1 KNOB M5X0.8	
17		900253-05014	SCREW 5*14	1	5*14	
18		900603-00005	WASHER 5	1	5.5*12*0.8	
20		890160-09461	LABEL, CAUTION	1		

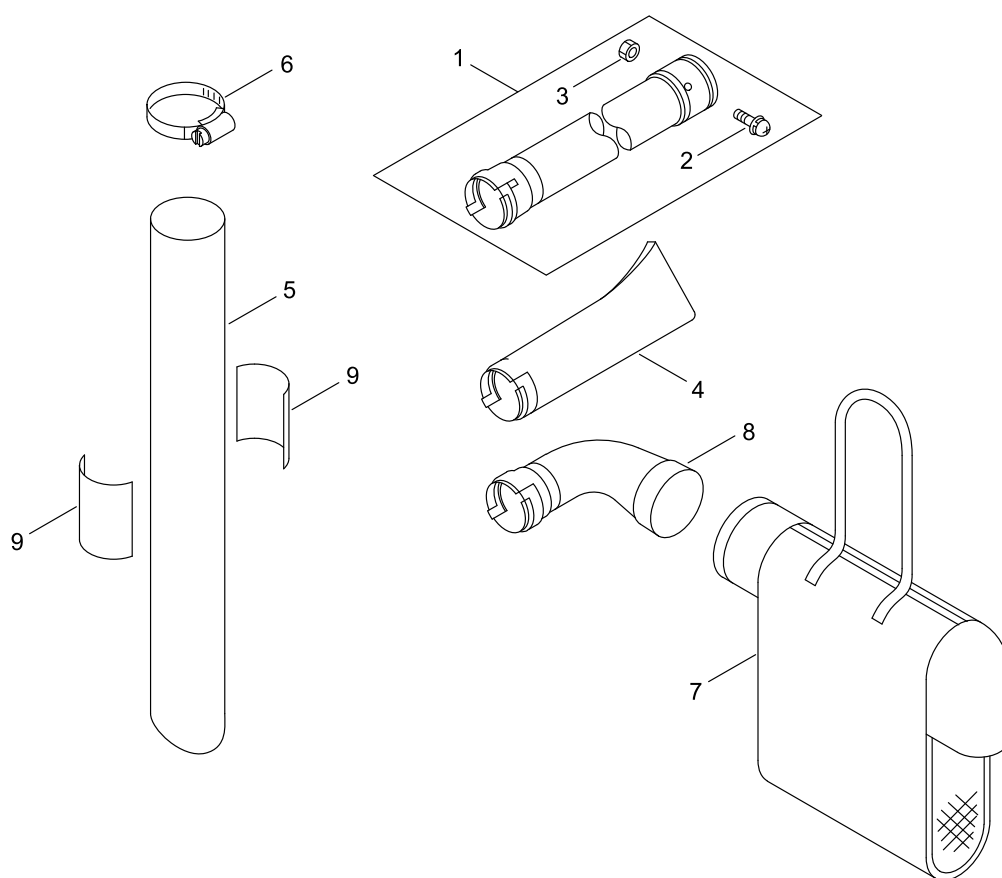
# THROTTLE



## THROTTLE

KEY NO	LV(+)	Part No	Description	Qty	Standard	Comment
1		178010-21760	CONTROL, THROTTLE	1		
2		178011-20561	ROD, THROTTLE	1		
3		P021-015460	SWITCH,ON OFF	1		
4		A190-000820	COVER,ENGINE	1		
5		178054-21760	CONTROL, THROTTLE	1		
6		900516-00005	NUT, FRANGE 5	1	5	
7		900238-05025	SCREW 5*25	1	5*25	
8		900253-05020	SCREW 5*20	7	5*20	
9		900502-00005	NUT 5 (3N)	1	3N5	
10		900603-00005	WASHER 5	1	5.5*12*0.8	
11		351000-05060	HANDLE ASSY, REAR	1		
12	+	351010-05060	HANDLE (BL)	1		
13	+	351011-05060	SUPPORTER HANDLE	1		
14	+	351028-05060	SUPPORTER, HANDLE	1		
15	+	900253-05016	SCREW	3	5*16	
16		163400-20660	SWITCH, IGNITION	1		
17		A439-000370	BRACKET,SWITCH	1	ES-1000X	
18		163335-20660	LEVER, ACTUATOR	1		
19		900256-04022	SCREW 4*22	2	4*22	
20		X505-002310	LABEL,CAUTION	1	HOT CAUTION	

## PIPE

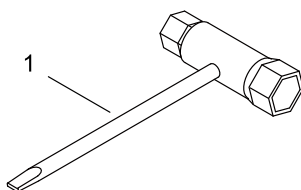


## PIPE

KEY NO	LV(+)	Part No	Description	Qty	Standard	Comment
1		210007-20660	PIPE,BLOWER	1		
2	+	900238-05010	SCREW 5*10	1	5*10	
3	+	900500-00005	NUT 5	1	5	
4		210014-20661	PIPE, STRAIGHT	1		
5		E180-000000	PIPE,SUCTION	1	115MM D. X 888MM	
6		210413-05060	CLAMP, FLEXIBLE PIPE	1		
7		X692-000120	BAG,DUST	1	ECHO - REAR ZIP	
8		215012-20110	PIPE,MAIN	1		
9		890135-08760	LABEL, MODEL	2		



# ACCESSORIES



## ACCESSORIES

KEY NO	LV(+)	Part No	Description	Qty	Standard	Comment
1		895410-06961	WRENCH, W/S-DRIVER	1	13X19 L135	

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Part No	Part description	Page	Part No	Part description	Page	Part No	Part description	Page
100013-11520	PIN, PISTON	2	131005-20561	TANK, FUEL	12	351010-05060	HANDLE (BL)	20
100014-11520	SPACER, PISTON PIN	2	131016-55830	GASKET, FUEL CAP	12	351011-05060	SUPPORTER HANDLE	20
100015-04630	CIRCLIP, PISTON PIN	2	131051-56030	CLIP, FUEL CAP	12	351028-05060	SUPPORTER, HANDLE	20
100132-05660	WASHER	18	131205-07321	STRAINER, FUEL	12	351335-20560	CUSHION	18
100204-52133	CRANKCASE KIT	4	131328-40630	COVER, VENT	12	890115-20661	LABEL, MODEL	18
100212-42031	OILSEAL	4	132010-56330	PIPE 3*6*90	12	890121-05360	LABEL, METERING	8
100242-42030	GASKET, CRANKCASE	4	132011-03360	CONNECTOR, FUEL PIPE	12	890135-08760	LABEL, MODEL	22
101010-44332	GASKET, CYL. BASE	2	132012-12361	PIPE	12	890160-09461	LABEL, CAUTION	18
101514-20560	COVER, CYLINDER	8	132115-46730	GROMMET, FUEL	12	890560-90660	LABEL, PRIMING	8
101538-28230	GROMMET, PLUG	18	145810-44330	MUFFLER	14	895410-06961	WRENCH, W/S-DRIVER	24
125200-20665	CARBURETOR	8	145862-40630	SCREEN, MUFFLER	14	900105-05055	BOLT, H.S. 5*55	14
125200-20665	CARBURETOR	10	145871-05760	COVER, MUFFLER	14	900162-04022	BOLT, H.S. 4*22	6
125310-11610	SCREW	10	145876-42030	LID, MUFFLER (B)	14	900162-04022	BOLT, H.S. 4*22	18
125312-12820	DIAPHRAGM, FUEL PUMP	10	156611-05060	TUBE	6	900162-05022	BOLT, H.S. 5*22	2
125313-08560	SPRING, THRT. RETURN	10	159010-10230	PLUG, SPARK (BPMR-7A	6	900162-05028	BOLT, H.S. 5*28	4
125314-51230	SCREW	10	159011-03432	COIL, SPARK PLUG	6	900163-04016	BOLT HSH	16
125316-20560	VALVE, THROTTLE	10	159012-03433	CAP, SPARK PLUG	6	900238-05010	SCREW 5*10	22
125317-06860	SHAFT, THROTTLE	10	162021-20660	LEAD	6	900238-05016	SCREW 5*16	12
125320-13310	NEEDLE, HIGH SPEED	10	163335-20660	LEVER, ACTUATOR	20	900238-05022	SCREW 5*22	8
125322-07260	SPRING, COIL	10	163400-20660	SWITCH, IGNITION	20	900238-05025	SCREW 5*25	20
125323-42030	LEVER, METERING	10	177200-42033	STARTER ASSY	16	900242-04010	SCREW 4*10	14
125325-13310	GASKET, PUMP	10	177215-44430	DRUM, STARTER	16	900242-05065	SCREW 5*65	8
125326-42030	STRAINER	10	177218-44330	PAWL, STARTER	16	900253-05014	SCREW 5*14	18
125327-13930	CLIP	10	177220-42030	SPRING, REWIND	16	900253-05016	SCREW	20
125329-08560	LIMITER, MIXTURE	10	177226-44330	ROPE, STARTER	16	900253-05020	SCREW 5*20	18
125329-09860	LIMITER, MIXTURE	10	177227-42030	GUIDE, ROPE	16	900253-05020	SCREW 5*20	20
125334-06860	SCREW, IDLE ADJUST	10	177228-06530	GRIP, STARTER	16	900256-04022	SCREW 4*22	20
125337-06960	VALVE, INLET NEEDLE	10	177232-42032	CASE, STARTER	16	900256-05010	SCREW, TAPPING	18
125338-13930	PIN, METERING ARM	10	177234-12220	SPRING, PAWL	16	900500-00005	NUT 5	8
125339-42030	SCREW	10	177236-44330	SCREW	16	900500-00005	NUT 5	22
125340-20560	GASKET, DIAPHRAGM	10	178010-21760	CONTROL, THROTTLE	20	900500-00008	NUT 8	18
125342-07360	COVER, DIAPHRAGM	10	178011-20561	ROD, THROTTLE	20	900502-00005	NUT 5 (3N)	20
125344-52130	SCREW	10	178054-21760	CONTROL, THROTTLE	20	900516-00005	NUT, FRANGE 5	20
125348-13930	SCREW	10	200010-06363	FAN	18	900595-00008	NUT	16
125350-20560	LEVER, THROTTLE	10	200011-05661	HUB, FAN	6	900603-00005	WASHER 5	12
125363-11610	RING	10	200124-20661	GRID, FAN CASE	18	900603-00005	WASHER 5	14
125363-12820	RETAINER	10	200150-05060	SHAFT, GRID	18	900603-00005	WASHER 5	18
125376-20660	NOZZLE, CHECK VALVE	10	200152-05060	SPRING, GRID	18	900603-00005	WASHER 5	20
125378-13930	PIECE, FRICTION	10	200180-08761	CUTTER, SHREDDER	18	94035-36201	BEARING BALL	4
129011-52730	PLATE, PREVENT	8	210007-20660	PIPE, BLOWER	22	A011-000150	CRANKSHAFT, ASM	2
130010-09561	GASKET, INTAKE	8	210014-20661	PIPE, STRAIGHT	22	A052-000061	PULLEY, ASM STARTER	16
130010-20560	GASKET, INTAKE	8	210413-05060	CLAMP, FLEXIBLE PIPE	22	A101-000000	RING, PISTON	2
130017-05062	INSULATOR, INTAKE	8	210417-52730	BOLT, WING	8	A130-000021	CYLINDER	2
130313-05863	LID, AIR CLEANER	8	215012-20110	PIPE, MAIN	22	A190-000820	COVER, ENGINE	20
131004-55530	CAP ASSY, FUEL TANK	12	351000-05060	HANDLE ASSY, REAR	20	A226-001410	ELEMENT, AIR FILTER	8

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A411-000021	COIL,IGNITION	6
A439-000370	BRACKET,SWITCH	20
E103-000570	CASE,FAN	18
E180-000000	PIPE,SUCTION	22
P005-000440	SCREW ASY IDLE MIX.	10
P005-000990	BASE,PRIMER	10
P005-002300	PLUG, WELCH	10
P005-002690	DIAPHRAGM ,METERING	10
P005-003120	PUMP, PRIMER	10
P021-001102	PISTON KIT	2
P021-010350	CASE,CLEANER ASY	8
P021-015460	SWITCH,ON OFF	20
P021-015710	CASE,FAN(W/PLUG)	18
V104-000003	GASKET,EXHAUST	14
V104-000160	GASKET,EXHAUST	14
V299-000290	KNOB,FASTENER	18
V471-001200	PIPE	12
V471-001210	PIPE	12
V485-000040	LEAD	6
V553-000060	BEARING,NEEDLE 8	2
X502-000330	LABEL,ECHO	16
X505-002310	LABEL,CAUTION	20
X692-000120	BAG,DUST	22