

PARTS LIST

MD180DX (CE)

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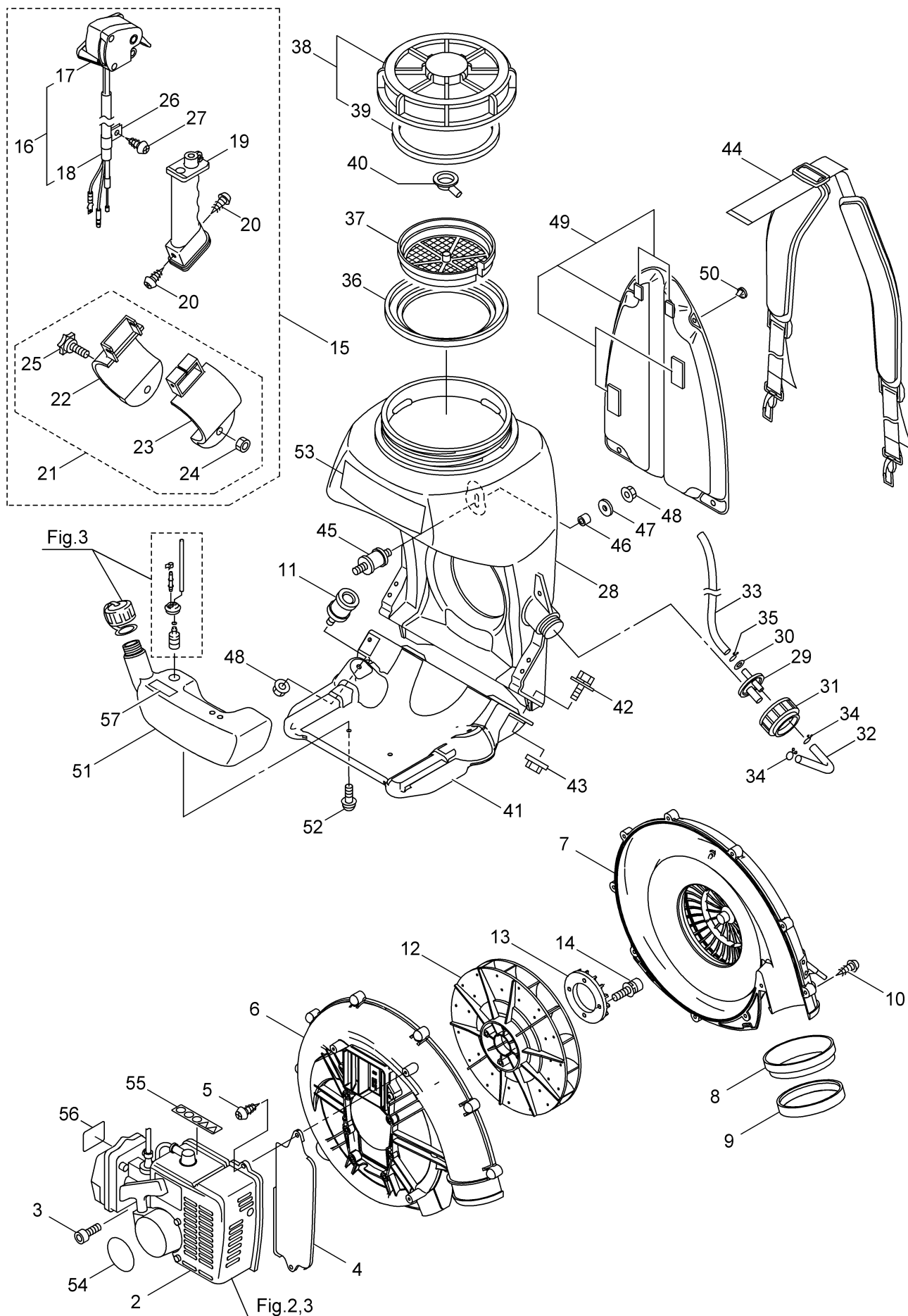
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2008.04



P/N. 522562

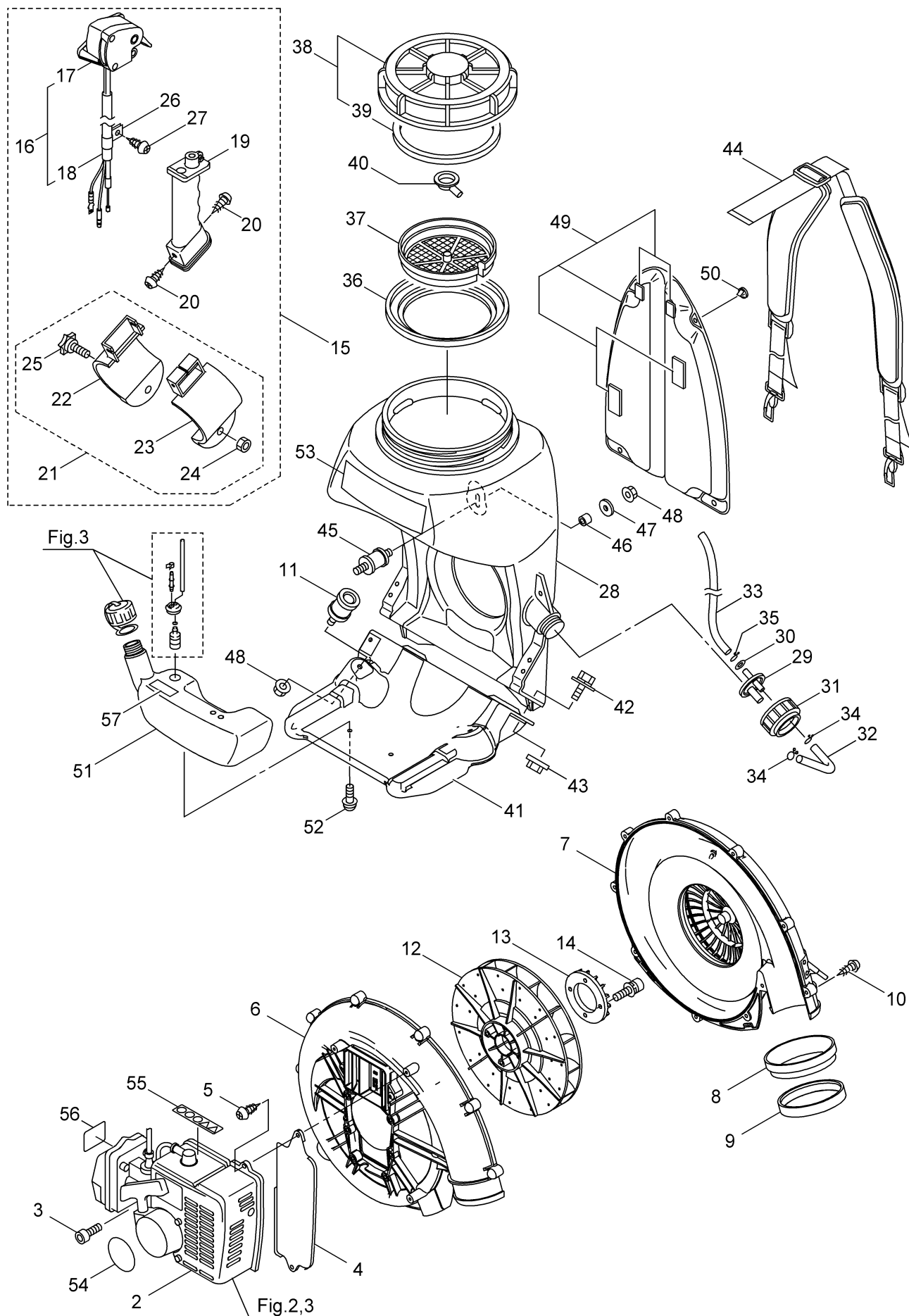
1. MD180DX (CE) FRAME & BLOWER



522562-01

Ref.No.	Parts No.	Parts Name	Q'ty	Remarks
1-1	352685	MD180DX(CE)	1	PD180DXCE
1-2	125939	Engine	1	TK065D-BG21
1-3	125588	Bolt	6	M6X30
1-4	125404	Gasket	1	TK65
1-5	124971	Tapping Screw	3	M5X16
1-6	125405	Fan Case (E)	1	
1-7	127718	Fan Case (S)	1	
1-8	119160	Collar	1	
1-9	119161	Band	1	
1-10	089538	Tapping Screw	10	M5X25
1-11	120615	Buffer	2	
1-12	127897	Fan	1	
1-13	127875	Ring	1	
1-14	126897	Bolt	4	M5X35(W12XT2)
1-15	126327	Throttle, Ass'y	1	Incl.16-25
1-16	126729	Throttle Lever, Ass'y	1	Incl.17,18
1-17	125756	Throttle, Ass'y	1	
1-18	126734	Throttle Wire, Ass'y	1	
1-19	118811	Knob	1	
1-20	127297	Tapping Screw	2	M5X20
1-21	122609	Band	1	Incl.22-25
1-22	122414	Band (A)	1	
1-23	122416	Band (B)	1	
1-24	127298	Nut	1	M6
1-25	127299	Knob Bolt	1	M6X30L
1-26	126049	Clamp	1	
1-27	127300	Screw	1	M5X18
1-28	127723	Chemical Tank	1	
1-29	127729	Joint	1	
1-30	108629	Packing	1	
1-31	127810	Cap	1	
1-32	127798	Hose	1	6X9X150L
1-33	127727	Hose	1	6X9X600L
1-34	112530	Band	2	
1-35	127631	Clamp	1	
1-36	101834	Cover	1	
1-37	022410	Strainer, ass'y	1	
1-38	128351	Cap, Chemical Tank	1	Incl.39
1-39	103194	Packing	1	190X210XT10
1-40	101915	Inner Cap	1	
1-41	125765	Backpack Frame B	1	
1-42	127301	Bolt	4	M6X20(SM)
1-43	127228	Nut	4	M6
1-44	125432	Shoulder Strap Ass'y	1	
1-45	101877	Buffer	1	

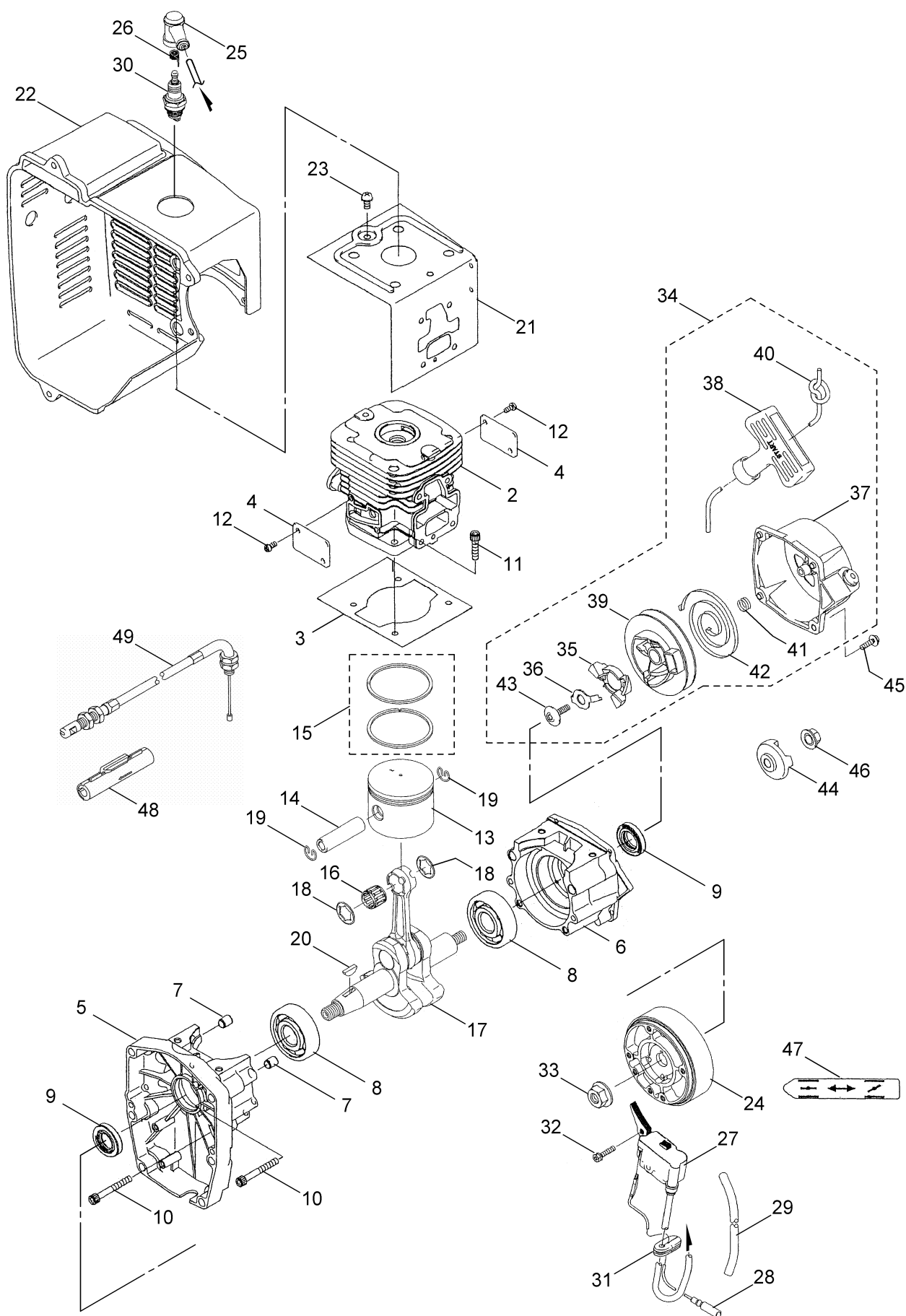
1. MD180DX (CE) FRAME & BLOWER



522562-01

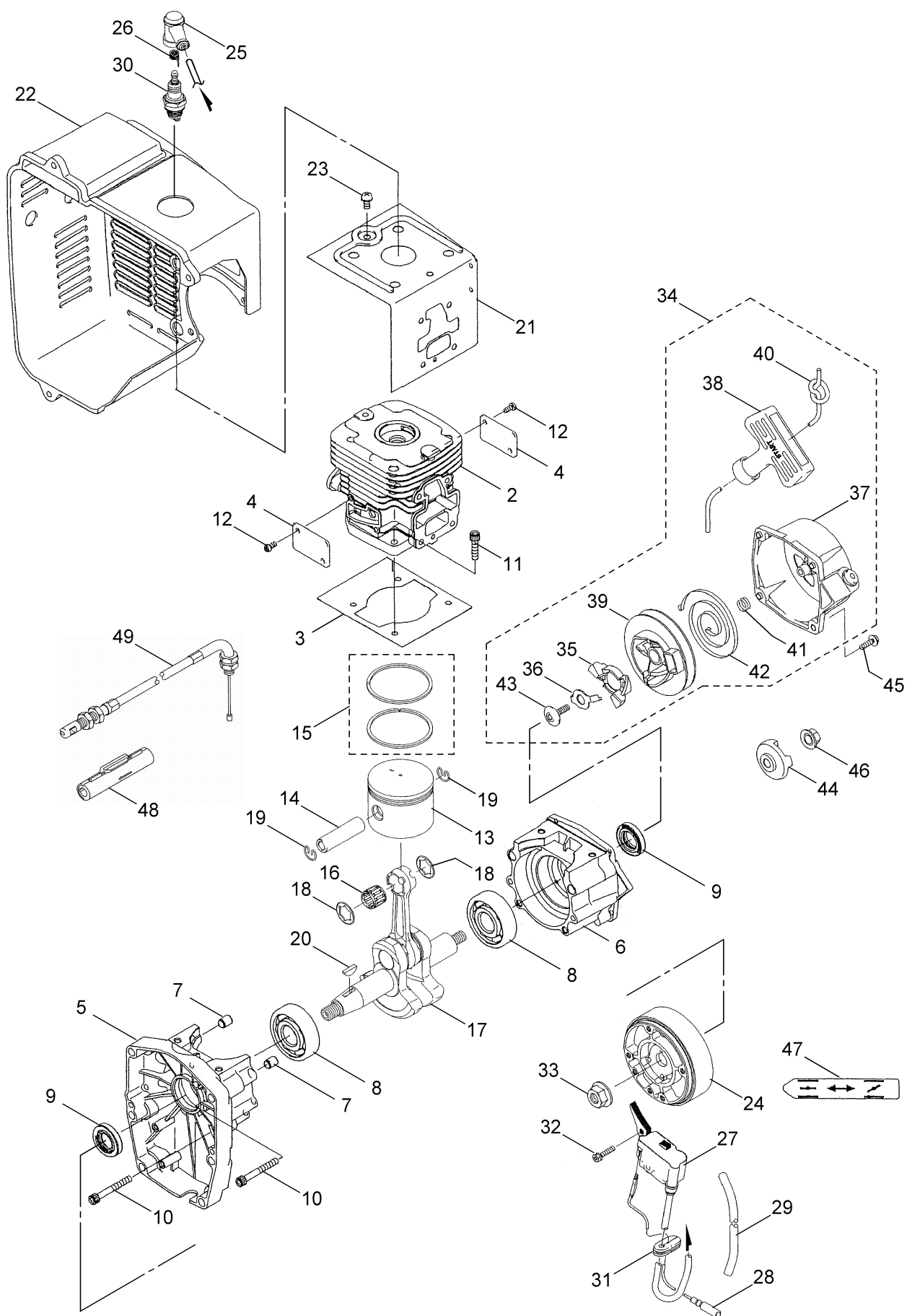
Ref.No.	Parts No.	Parts Name	Q'ty	Remarks
1-46	120616	Collar	1	M6
1-47	120617	Packing	1	
1-48	127228	Nut	3	
1-49	127731	Cushion Pad	1	
1-50	100749	Fastener	2	
1-51	127707	Fuel Tank	1	M5X14(W16XT1.6) MD180DX MARUYAMA(70) CE
1-52	125561	Screw	2	
1-53	127733	Label	1	
1-54	267144	Label	1	
1-55	266959	Label	1	
1-56	125747	Label	1	
1-57	121132	Label	1	

2. MD180DX (CE) ENGINE CYLINDER, CRANKCASE



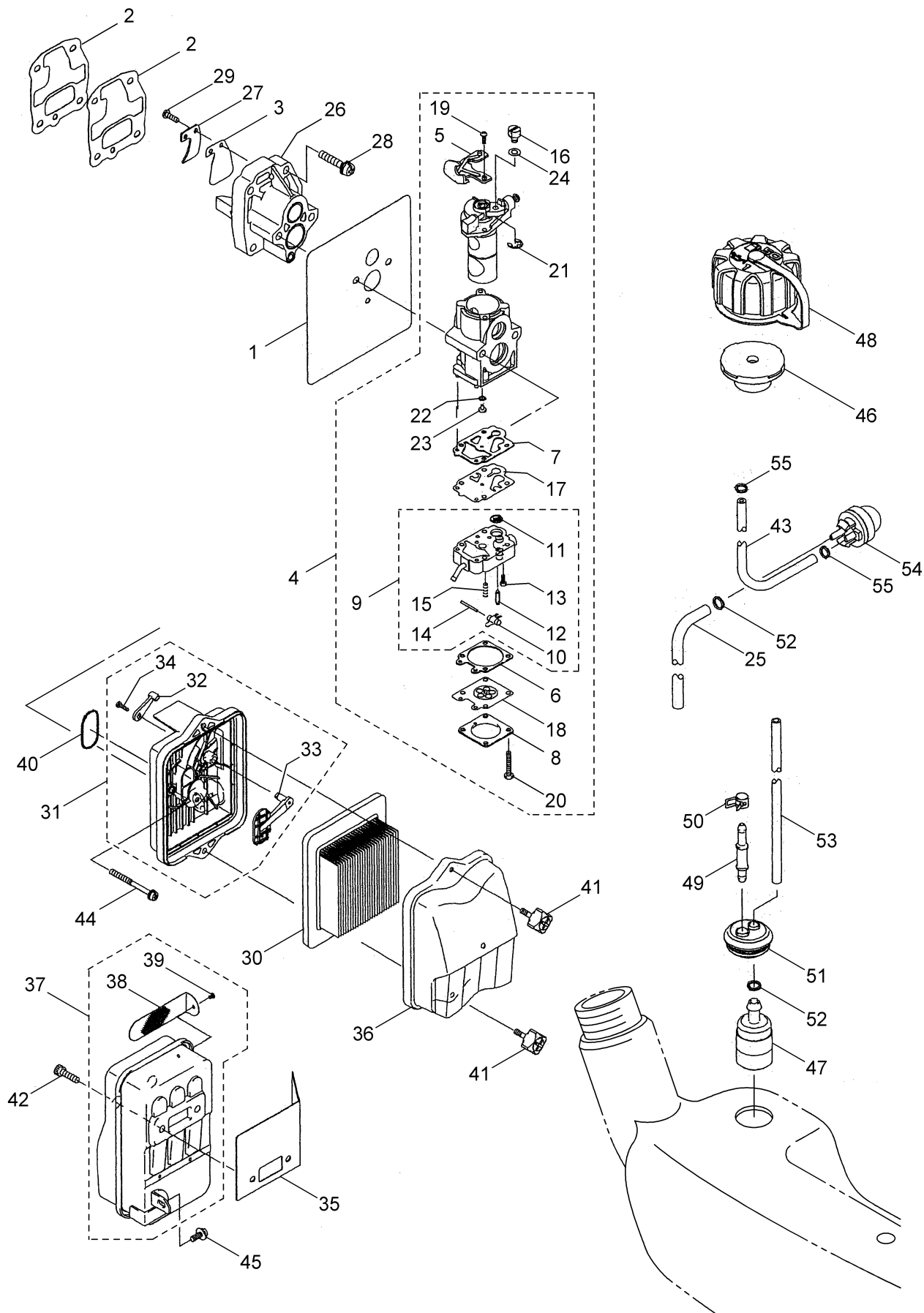
Ref.No.	Parts No.	Parts Name	Q'ty	Remarks
2-1	125939	Engine	1	TK065D-BG21
2-2	649312	Cylinder	1	11005-2157
2-3	649313	Gasket	1	11061-2138
2-4	649314	Plate	2	13271-2258
2-5	649315	Crankcase	1	14080-2055
2-6	649316	Crankcase	1	14080-2056
2-7	573908	Pin	2	92043-1302
2-8	649317	Ball Bearing	2	6303C3 92045-2268
2-9	649318	Oil Seal	2	92049-2258
2-10	649319	Bolt	4	M5x40 120S0540
2-11	649320	Bolt	4	M5x20 120W0520
2-12	943572	Screw	4	M4x8 214B0408
2-13	649321	Piston	1	13001-2163
2-14	649322	Piston Pin	1	13002-2093
2-15	649323	Piston Ring Set	1	13008-6066
2-16	649325	Bearing	1	13033-2063
2-17	649326	Crankshaft Ass'y	1	49119-2223
2-18	649327	Spacer	2	92026-2352
2-19	943307	Snap Ring	2	92033-2058
2-20	071695	Woodruff Key	1	510A3200
2-21	649329	Shroud	1	49089-2607
2-22	400923	Shroud	1	49089-2617
2-23	996258	Screw	1	M5x10 241B0510
2-24	649330	Flywheel	1	21050-2308
2-25	591532	Spark Plug Cap	1	21130-2056
2-26	591533	Terminal	1	21169-2051
2-27	400924	Ignition Coil Ass'y	1	21171-2247
2-28	649332	Lead Wire	1	26011-2379
2-29	998411	Tube	1	6x7.4x300L 92059-2233
2-30	649333	Spark Plug	1	BPMR7A 92070-2113
2-31	649334	Grommet	1	92071-2164
2-32	649335	Bolt	2	4x20 92153-2079
2-33	649336	Nut	1	M10 92210-1325
2-34	649375	Recoil Starter	1	Incl.35-43 49088-2549
2-35	649370	Pawl	1	13165-2101
2-36	649371	Retainer	1	14020-2113
2-37	649372	Case	1	32099-2400
2-38	649373	Grip	1	46075-2156
2-39	649376	Reel	1	59101-2117
2-40	649377	Rope	1	3.5x1000 59106-2174
2-41	649378	Spring	1	92145-2142
2-42	649379	Recoil Spring	1	92145-2143
2-43	649380	Screw	1	92172-2083
2-44	649374	Starting Pulley	1	49080-2198
2-45	624845	Screw	4	M4x16 92009-2386

2. MD180DX (CE) ENGINE CYLINDER, CRANKCASE



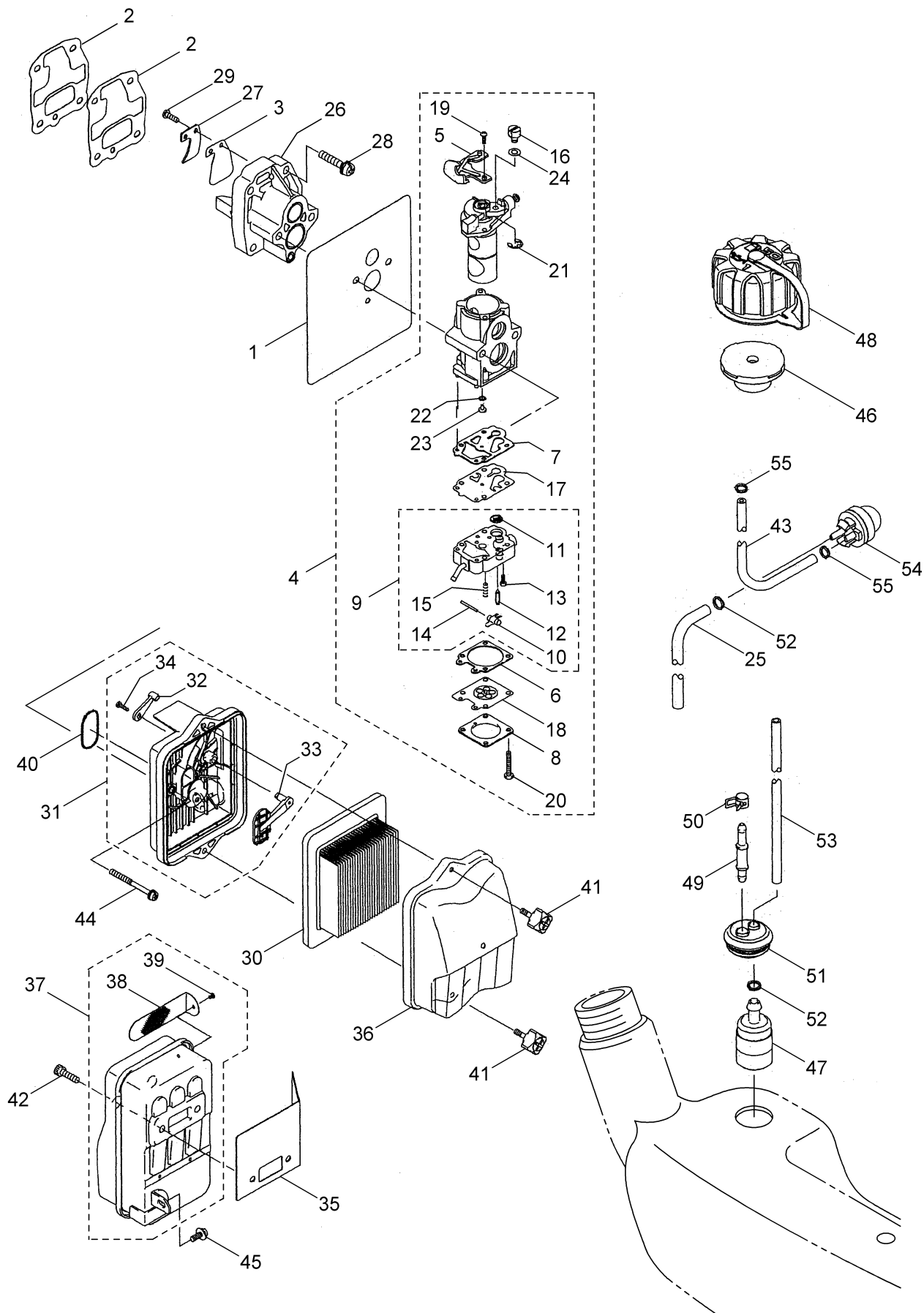
Ref.No.	Parts No.	Parts Name	Q'ty	Remarks
2-46	649381	Nut	1	92210-2094
2-47	598438	Label	1	56031-2468
2-48	212250	Joint Case	1	32099-2326
2-49	649337	Throttle Cable	1	54012-2629

3. MD180DX (CE) ENGINE CARBURETOR, MUFFLER



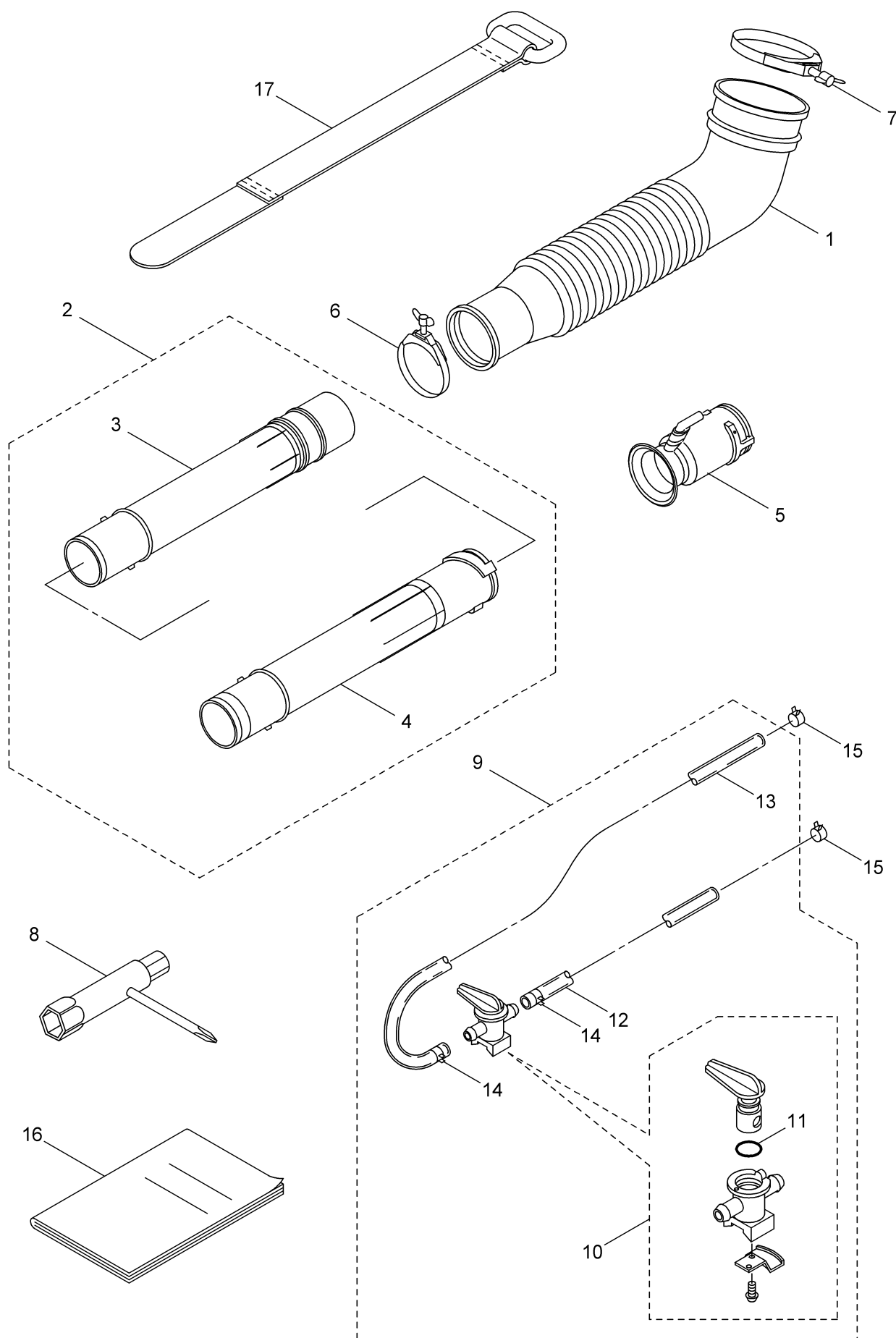
Ref.No.	Parts No.	Parts Name	Q'ty	Remarks
3-1	649341	Gasket	1	11061-2160
3-2	400925	Gasket	2	11061-2163
3-3	649342	Reed Valve	1	12022-2059
3-4	649344	Carburetor Ass'y	1	Incl.5-24 15003-2970
3-5	649338	Bracket	1	11053-2066
3-6	649339	Gasket	1	11060-2456
3-7	634350	Gasket	1	11061-2054
3-8	649343	Cover	1	14025-2157
3-9	649346	Body	1	Incl.10-15 16160-2138
3-10	624429	Lever	1	16055-2051
3-11	624430	Filter	1	14043-2051
3-12	624431	Float Valve	1	16030-2078
3-13	624432	Screw	1	92009-2336
3-14	624433	Pin	1	92043-2094
3-15	624434	Spring	1	92144-2308
3-16	598415	Arm	1	21083-2073
3-17	577185	Diaphragm	1	43028-2067
3-18	634357	Diaphragm	1	43028-2090
3-19	577179	Screw	2	92009-2277
3-20	649348	Screw	4	92009-2438
3-21	577175	Snap Ring	1	92033-2078
3-22	577182	O-Ring	1	92055-2147
3-23	649349	Main Jet	1	#55.5 92063-2461
3-24	624532	Washer	1	92200-2074
3-25	649367	Tube	1	3x6x145 92190-2173
3-26	400926	Insulator	1	16073-2234
3-27	649347	Stopper	1	32085-2105
3-28	577361	Screw	4	M5x25 92009-2235
3-29	649350	Screw	1	M3x12 92172-2091
3-30	649351	Element Ass'y	1	11029-2021
3-31	649352	Case Ass'y	1	Incl.32-34 11038-2088
3-32	649355	Lever	1	13168-2493
3-33	649356	Valve	1	16126-2240
3-34	649358	Screw	1	M3x10 92009-2359
3-35	649353	Gasket	1	11061-2159
3-36	649354	Cap	1	11065-2116
3-37	649357	Muffler Ass'y	1	Incl.38,39 49069-2412
3-38	400927	Spark Arrester	1	18077-2131
3-39	400918	Screw	1	92009-2411
3-40	649359	O-Ring	1	92055-2205
3-41	649360	Bolt	2	M5x18 92153-2107
3-42	649361	Bolt	2	M6x20 120W0620
3-43	649368	Tube	1	2.3x5x93 92192-2086
3-44	944032	Screw	2	M5x55 234B0555
3-45	943466	Screw	1	M5x14 242B0514

3. MD180DX (CE) ENGINE CARBURETOR, MUFFLER



Ref.No.	Parts No.	Parts Name	Q'ty	Remarks
3-46	649362	Breather	1	14069-2088
3-47	625872	Fuel Filter	1	49019-2085
3-48	649364	Tank Cap Ass'y	1	51048-2083
3-49	632199	Joint	1	59071-2132
3-50	944177	Clamp	1	92037-2139
3-51	597949	Fuel Tank Grommet	1	92071-2142
3-52	649366	Clamp	2	92171-2073
3-53	649369	Tube	1	3x5x305 92192-2088
3-54	649363	Priming Pump	1	49043-2073
3-55	649365	Clamp	2	92170-2110

4. MD180DX (CE) ACCESSORIES



Ref.No.	Parts No.	Parts Name	Q'ty	Remarks
4-1	123413	Flexible Pipe	1	Incl.3,4 510L
4-2	127724	Flexible Pipe	1	
4-3	122395	Swivel Pipe	1	
4-4	122400	Straight Pipe	1	
4-5	127710	Mist Nozzle Ass'y	1	
4-6	128188	Wire Clamp	1	#85
4-7	128189	Wire Clamp	1	#105
4-8	127099	Box Spanner	1	
4-9	128220	Mist Hose Ass'y	1	Incl.10-14
4-10	101872	Mist Cock Ass'y	1	Incl.11
4-11	019285	O-Ring	1	P11
4-12	102324	Vinyl Hose	1	9X12X780
4-13	024410	Vinyl Hose	1	9X12X700
4-14	043972	Hose Band	2	125-06-00
4-15	043972	Hose Band	2	125-06-00
4-16	128221	Instruction Manual	1	
4-17	127720	Band	2	



MARUYAMA MFG. CO., INC.

4-15 UCHIKANDA 3-CHOME, CHIYODA-KU, TOKYO 101-0047 JAPAN
TEL: +81-3-3252-2285 FAX: +81-3-3252-2253 <http://www.maruyama.co.jp>

TECHNICAL INFORMATION

- CHANGE NOTICE -

TECHNICAL INFO. #09-0006

CHANGE ORDER NO. 09-3101

DATE ISSUED: DEC. 25, 2008

ISSUED BY: A. MOCHI.

PART NUMBER	DESCRIPTION	MODEL NAME
128987	CHEMICAL TANK ASSY	MD180DX(CE)

DESCRIPTION OF CHANGE

BEFORE THE CHANGE		AFTER THE CHANGE	
128161	CHEMICAL TANK ASSY	128987	CHEMICAL TANK ASSY
127731	CUSHION PAD	127513	CUSHION PAD



Chemical tank and cushion pad are attached by velcro strap.

Nut is molded to the tank and pad is assembled with screw.

Reason for Change / Modification:

Quality Improvement

Description for Reason:

Interchangeability:

Interchangeable by Set

When to Start the Change (Plan):

Sep., 2009 Production -

Identification:

Appearance

Remarks:

Received by Customer:

Signature:

Date:



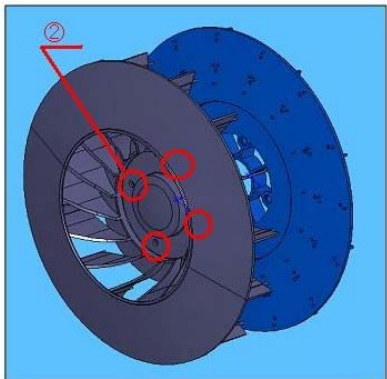
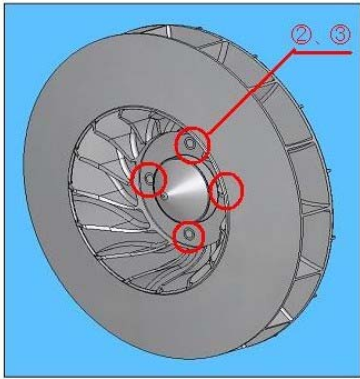
MARUYAMA MFG. CO., INC.

4-15 UCHIKANDA 3-CHOME, CHIYODA-KU, TOKYO 101-0047 JAPAN
TEL: +81-3-3252-2285 FAX: +81-3-3252-2253 <http://www.maruyama.co.jp>

TECHNICAL INFORMATION

- CHANGE NOTICE -

TECHNICAL INFO. #09-0011
CHANGE ORDER NO. 09-3413
DATE ISSUED: SEP. 25, 2009
ISSUED BY: A. MOCHI.

PART NUMBER	DESCRIPTION	MODEL NAME
127897	FAN	MD180DX-30, MD8100
DESCRIPTION OF CHANGE		
BEFORE THE CHANGE		AFTER THE CHANGE
127897 FAN (2-piece welding part) 127875 RING 128145 BOLT (M5) (② of sketch below) 126327 THROTTLE ASSY 		(additional) 108634 EARTH CORD (change) 128908 FAN (Single piece molding part) 128910 RING 128911 BOLT (M6) (② of sketch below) 125755 THROTTLE ASSY 
① Fan: 2-pc. welding ② Bolt size: M5		① Fan: Single-pc. Molding ② Bolt size: M6 ③ Spacer for bolt hole is molded
Reason for Change / Modification: Quality Improvement		
Description for Reason: To change the manufacturing procedure to the single piece molding, the strength of the fan is increased. New fan (PN 128908) is common between BL8100SP series and BL8200's, which makes easier for control. To change the throttle lever assy to BL8200-SP type for standardization.		
Interchangeability: No		
When to Start the Change (Plan): NOV., 2009 Production -		
Identification: Appearance		
Remarks:		
Received by Customer: Signature: _____ Date: _____		