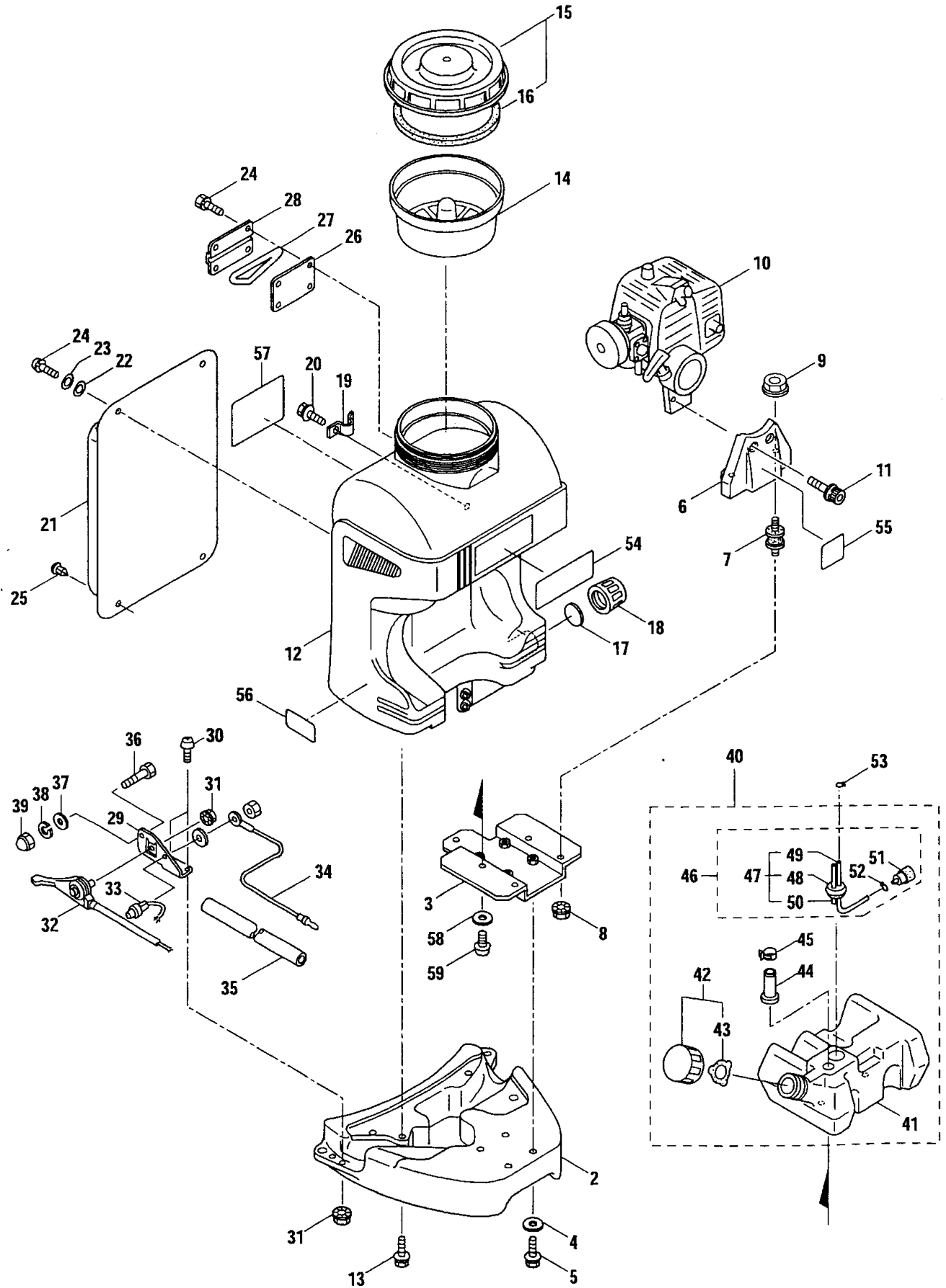


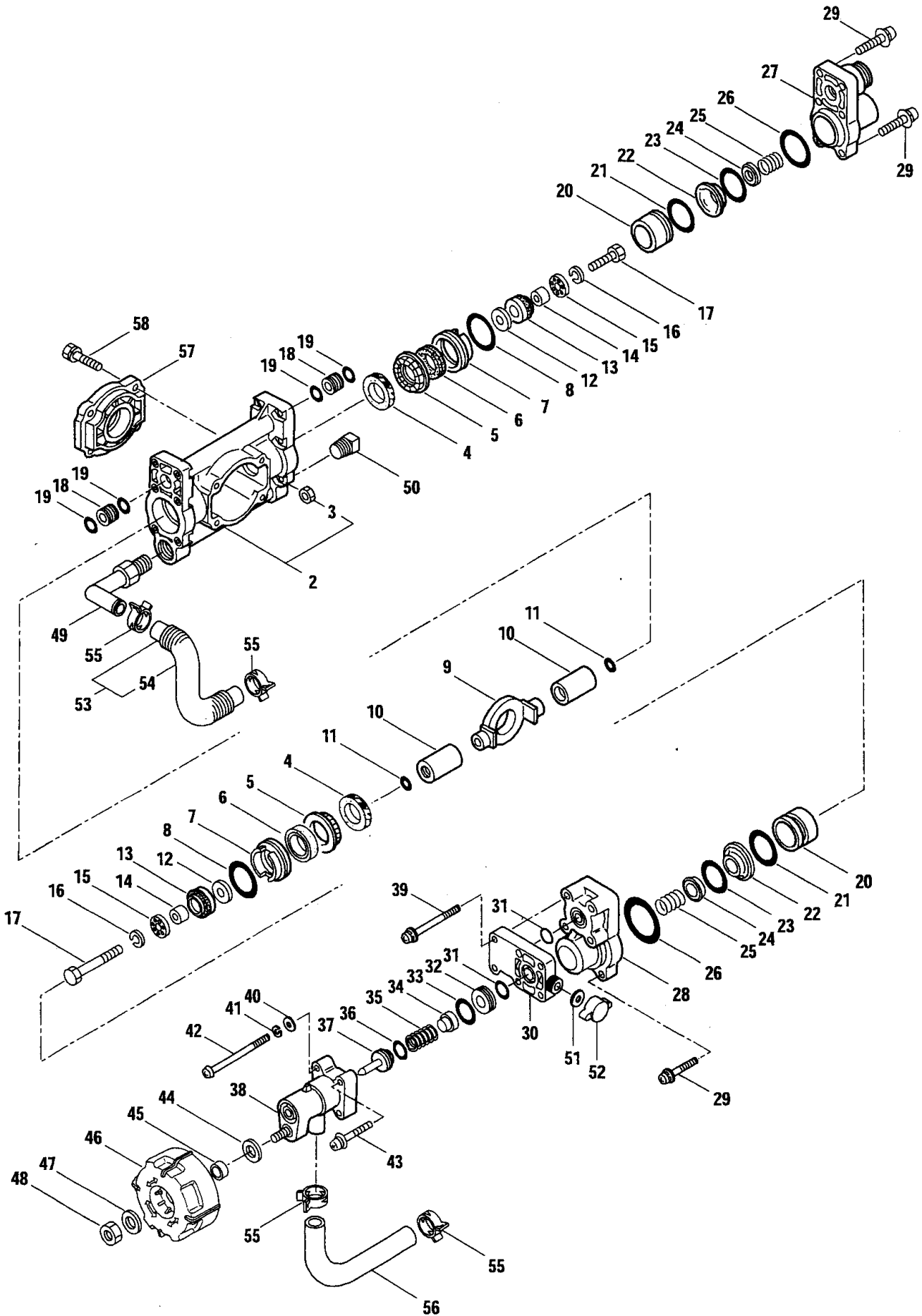
# 1 · MS168 MAIN BODY



Ref.No.	Part No.	Part Name	Q'ty	Remarks
1-1	354314	MS168	1	
1-2	105442	Base	1	
1-3	122179	Bracket	1	
1-4	019056	Washer	4	6.5x18xt1
1-5	817027	Bolt	4	M6x16
1-6	268743	Bracket	1	
1-7	122075	Buffer	2	
1-8	100420	Nut	2	M6
1-9	081030	Nut	2	M6
1-10		Engine	1	BE230P/09(850525/122172)
1-11	261607	Cap Screw	2	M5x16
1-12	105441	Chemical Tank	1	
1-13	816015	Screw	4	M6x13
1-14	122858	Strainer	1	
1-15	122131	Cap, Chemical Tank	1	Incl.16
1-16	022362	Packing	1	
1-17	029299	Packing	1	36xt3.0
1-18	106333	Cap	1	
1-19	105445	Holder	2	
1-20	092055	Screw	2	M6x12
1-21	122181	Cushion Pad	1	
1-22	106352	Packing	2	5.5x16xt1.5
1-23	019056	Washer	2	6.5x18xt1
1-24	092030	Screw	6	M6x10
1-25	100749	Fastener	2	#7
1-26	106349	Plate	1	
1-27	029306	Strap Hook	1	
1-28	106350	Bracket	1	
1-29	113674	Stay	1	
1-30	081415	Screw	2	M5x16
1-31	103549	Nut	3	M5
1-32	102377	Throttle Lever	1	
1-33	114895	Stop Button	1	
1-34	114896	Earth Cord	1	
1-35	114901	Vinyl Hose	1	8x9x240L
1-36	082094	Bolt	1	M6x10
1-37	012488	Washer	1	M6
1-38	012502	Spring Washer	1	M6
1-39	089750	Nut	1	M6
1-40	121857	Fuel Tank Assy	1	Incl.41-52
1-41	121858	Fuel Tank	1	
1-42	261584	Fuel Tank Cap Ass'y	1	Incl.43
1-43	261105	Gasket	1	
1-44	118071	Pipe	1	
1-45	103067	Hose Band	1	

Ref.No.	Part No.	Part Name	Q'ty	Remarks
1-46	265952	Fuel Pipe Pick-up Ass'y	1	Incl.47-52
1-47	265867	Fuel Pipe Ass'y	1	Incl.48-50
1-48	265869	Grommet	1	
1-49	261690	Fuel Pipe	1	140L
1-50	263038	Return Pipe	1	3x6x85L
1-51	264653	Filter Ass'y	1	
1-52	261117	Clip	1	
1-53	261117	Clip	1	
1-54	122178	Label	1	MS168
1-55	117719	Label	1	Caution
1-56	106067	Lavel	1	Caution
1-57	122136	Label	1	Caution
1-58	022905	Washer	2	M5
1-59	081412	Screw	2	M5X10

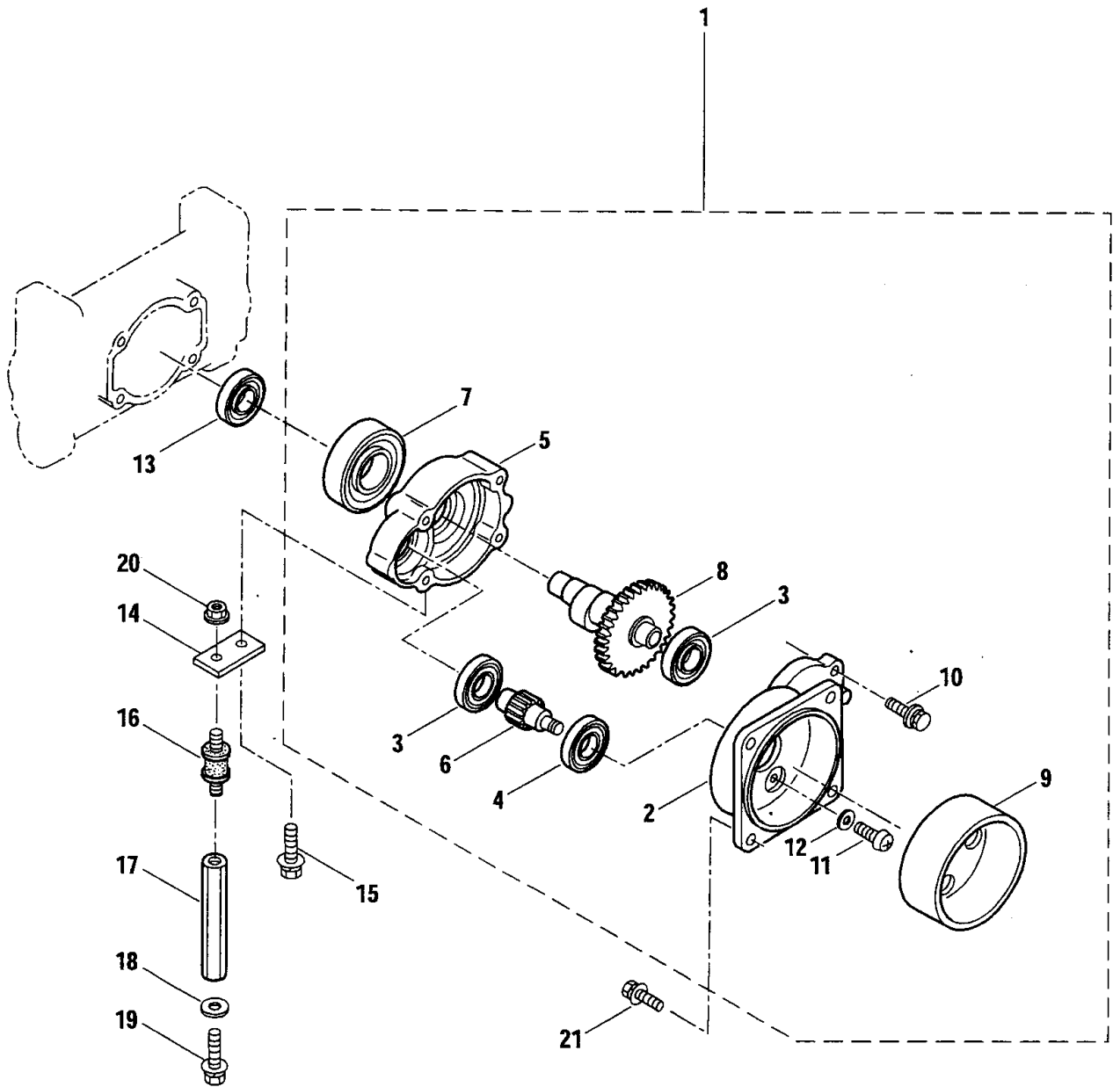
# 2 · MS168 POWER SPRAYER (Crankcase)



Ref.No.	Part No.	Part Name	Q'ty	Remarks
2-1	122173	Pump Ass'y	1	
2-2	121831	Crankcase	1	Incl.3
2-3	081238	Nut	12	M5
2-4	102683	Oil Seal	2	G16244
2-5	106190	Collar	2	
2-6	112252	Packing	2	
2-7	102358	Seal Retainer	2	
2-8	013977	O-Ring	2	S26
2-9	121179	Connecting Rod	1	
2-10	118055	Sleeve	2	15x28.5
2-11	021549	O-Ring	2	P5
2-12	043426	Suction Valve Seat	2	5x17xt2.8
2-13	100441	Piston Packing	2	20.5
2-14	023357	Suction Valve Collar	2	5x8x10L
2-15	022023	Suction Valve Stopper	2	5x16xt3
2-16	015848	Spring Washer	2	M5
2-17	118357	Bolt	2	M5x45x22
2-18	100554	Spacer Pipe	2	6x12x10
2-19	014175	O-Ring	4	P9
2-20	103130	Cylinder Pipe	2	20x26x18L
2-21	023172	O-Ring	2	P22
2-22	118018	Valve Seat	2	
2-23	103575	O-Ring	2	23x1.5
2-24	043723	Discharge Valve	2	
2-25	043360	Discharge Valve Spring	2	
2-26	013983	O-Ring	2	S31.5
2-27	103128	Cylinder Head (A)	1	
2-28	102634	Cylinder Head (B)	1	
2-29	121956	Screw	8	M5x32
2-30	104608	Frange	1	
2-31	011343	O-Ring	2	P10A
2-32	103746	Valve Seat	1	
2-33	011346	O-Ring	1	P14
2-34	103747	Discharge Valve	1	
2-35	103759	Compression Coil Spring	1	
2-36	011682	O-Ring	1	P10
2-37	103758	Spring Retainer	1	
2-38	103132	Spring Case	1	
2-39	816036	Screw	2	M5x60
2-40	019051	Washer	2	M5
2-41	015848	Spring Washer	2	M5
2-42	122553	Screw	2	M5x70
2-43	092064	Screw	2	M5x25
2-44	020012	Washer	1	8.5x14xt0.5
2-45	103270	Collar		8x10x5.3L

Ref.No.	Part No.	Part Name	Q'ty	Remarks
2-46	110780	Cam Handle	1	
2-47	014065	Washer	1	M8
2-48	081039	Nut	1	M8
2-49	102661	Elbow	1	
2-50	108460	Plug	1	PT3/8
2-51	100703	Packing	1	6x11.5xt2.5
2-52	100702	Wing Nut	1	PF1/4
2-53	122175	Hose Ass'y	1	Incl.54
2-54	122177	Tube	1	
2-55	103033	Band	4	150-05-00
2-56	122174	Hose	1	
2-57	118006	Bearing Case	1	
2-58	118085	Bolt	4	M6x55

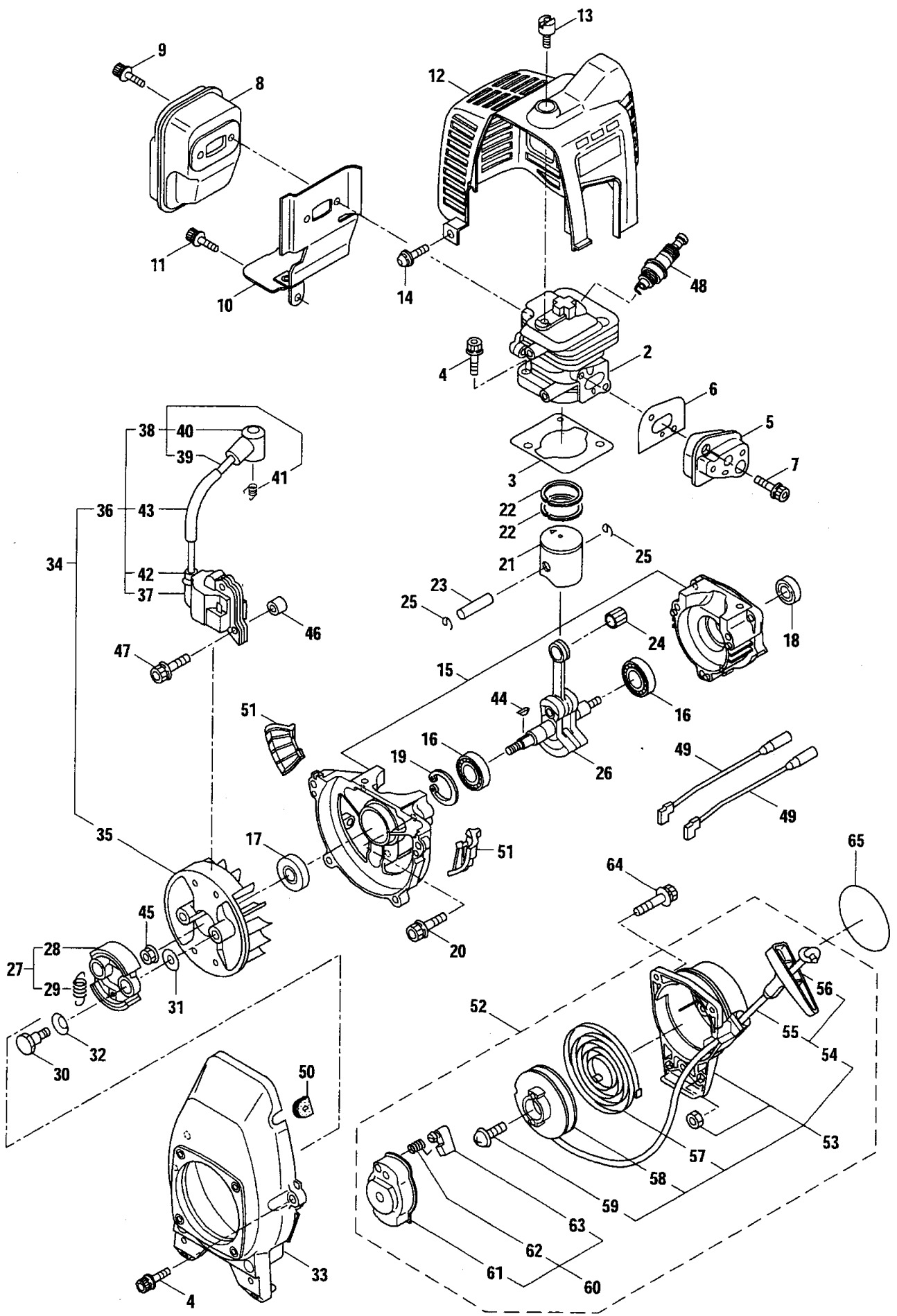
# 3 · MS168 REDUCTION GEAR



Ref.No.	Part No.	Part Name	Q'ty	Remarks
3-1	121621	Reduction Gear Ass'y	1	Incl.2-12
3-2	103137	Clutch Case	1	
3-3	102680	Bearing	2	#6000ZZ
3-4	112184	Bearing	1	#6000DDU
3-5	103138	Gear Case	1	
3-6	118200	Pinion Gear	1	
3-7	103144	Bearing	1	#6004ZZ
3-8	121622	Crankshaft	1	
3-9	103627	Clutch Drum	1	
3-10	092519	Bolt	2	M6x16
3-11	081456	Screw	2	M6x20
3-12	107736	Spack	2	
3-13	102680	Bearing	1	#6000ZZ
3-14	121941	Plate	1	
3-15	092505	Bolt	1	M6x16
3-16	114917	Buffer	1	
3-17	118304	Nut	1	M6x60L
3-18	019056	Washer	1	6.5x18xt1
3-19	092519	Bolt	1	M6x16
3-20	100420	Nut	1	M6
3-21	092548	Bolt	4	M5x15



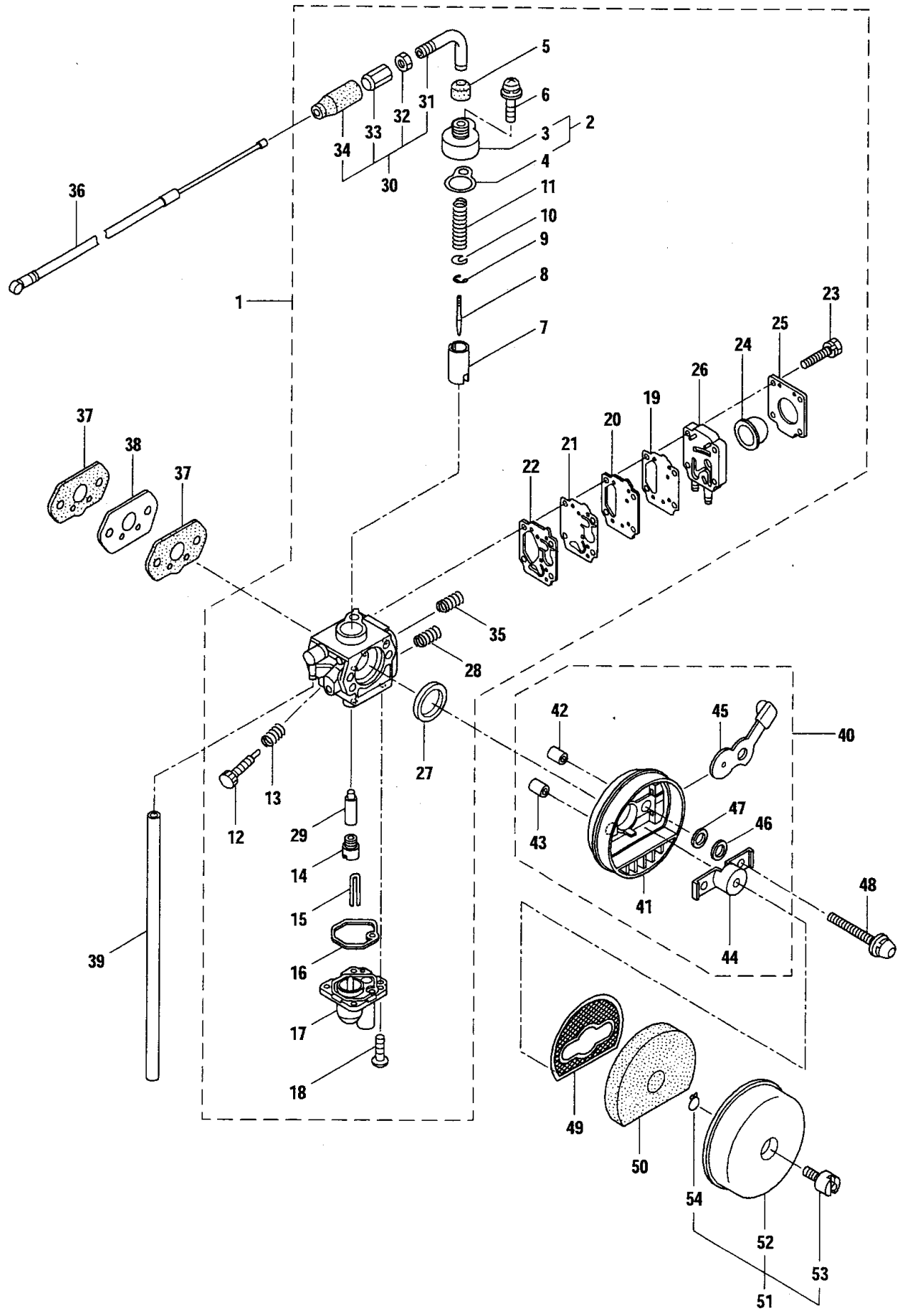
# 4 · MS168 ENGINE



Ref.No.	Part No.	Part Name	Q'ty	Remarks
4-1		Engine	1	BE230P/09(850525/122172)
4-2	266249	Cylinder	1	New gasket required
4-3	267178	Gasket	1	
4-4	261250	Cap Screw	6	M5x20
4-5	265802	Insulator	1	New gasket required
4-6	267049	Gasket	1	
4-7	265924	Cap Screw	2	M5x25
4-8	267466	Muffler Comp.	1	
4-9	266264	Cap Screw	2	M5x50
4-10	267189	Gasket Comp.	1	
4-11	261607	Cap Screw	1	M5x16
4-12	267586	Top Cover	1	
4-13	264022	Knob	1	
4-14	267177	Screw	1	M5x16
4-15	267063	Crankcase	1	
4-16	261491	Bearing	2	#6001C3
4-17	261492	Oil Seal	1	ISCD12287
4-18	261386	Oil Seal	1	ISCD12227
4-19	055185	Snap Ring	1	#28
4-20	261612	Cap Screw	3	M5x30
4-21	266467	Piston	1	
4-22	264891	Piston Ring	2	(2)required
4-23	261036	Piston Pin	1	
4-24	263957	Bearing,Needle	1	KTV81112EG01 B2
4-25	261576	Clip,Piston	2	
4-26	267193	Crankshaft/Conn.Rod Ass'y	1	
4-27	264503	Clutch Ass'y	1	Incl.28,29
4-28	264504	Clutch Shoe	2	(2)Required
4-29	263614	Spring,Clutch	1	
4-30	264505	Bolt	2	
4-31	261189	Washer	2	6x16.5xt1.2
4-32	261777	Wave Washer	2	
4-33	267587	Fan Cover	1	
4-34	269516	Magnet Ass'y	1	Incl.35-43
4-35	261356	Rotor/Fan	1	
4-36	269512	Ignition Coil Ass'y	1	Incl.37-43
4-37	269513	Coil	1	
4-38	267403	Spark Plug Wire Ass'y	1	Incl.39-41
4-39	267404	Spark Plug Wire	1	
4-40	261074	Plug Boot	1	
4-41	261075	Connector	1	
4-42	261072	Cap	1	
4-43	269418	Insulator	1	
4-44	261076	Woodruff Key	1	3x10
4-45	261417	Nut,Rotor	1	M8

Ref.No.	Part No.	Part Name	Q'ty	Remarks
4-46	268380	Spacer	2	
4-47	261256	Cap Screw	2	M4x25
4-48	261200	Spark Plug	1	NGK BPM6Y
4-49	267492	Lead	2	130L
4-50	261202	Grommet	1	
4-51	264582	Screen	2	
4-52	268488	Recoil Starter Ass'y	1	Incl.53-63
4-53	264489	Recoil Ass'y	1	Incl.54-59
4-54	261626	Rope Ass'y	1	Incl.55,56
4-55	261627	Starter Rope	1	
4-56	261628	Starter Grip	1	
4-57	261622	Spiral Spring	1	
4-58	261621	Pulley	1	
4-59	262922	Screw	1	
4-60	268489	Starter Pulley Ass'y	1	Incl.61-63
4-61	268490	Starter Pulley	1	
4-62	263474	Return Spring	1	
4-63	263473	Pawl	1	
4-64	265726	Cap Screw	3	M4x16
4-65	265728	Label	1	

# 5 · MS168 CARBURETOR, CLEANER



Ref.No.	Part No.	Part Name	Q'ty	Remarks
5-1	268478	Carburetor Ass'y	1	Incl.2-35
5-2	265108	Cap Ass'y	1	Incl.3,4
5-3	266601	Cap	1	
5-4	265110	Gasket	1	
5-5	115314	Cap	1	
5-6	265111	Screw	1	M5x15
5-7	266565	Throttle Valve	1	
5-8	268575	Jet Needle	1	
5-9	115322	Clip	1	
5-10	115319	Retainer	1	
5-11	115318	Spring	1	
5-12	115820	Screw	1	
5-13	115342	Spring	1	
5-14	265114	Main Jet	1	#46
5-15	265115	Drain Wire	1	
5-16	265116	Gasket	1	
5-17	265117	Chamber	1	
5-18	265118	Screw	4	M3x10
5-19	265119	Gasket	1	
5-20	265120	Pump Plate	1	
5-21	267958	Diaphragm	1	
5-22	265122	Gasket	1	
5-23	267959	Screw	4	
5-24	265124	Primer Bulb	1	
5-25	265125	Cover Plate	1	
5-26	267960	Pump Cover	1	
5-27	265127	Gasket	1	
5-28	265128	Spring	1	
5-29	265129	Needle Jet	1	
5-30	115326	Cable Adjuster	1	Incl.31-34
5-31	115327	Pipe	1	
5-32	115328	Nut	1	
5-33	115329	Adjuster,Cable	1	
5-34	115330	Cap	1	
5-35	265130	Spring	1	
5-36	268824	Cable Ass'y	1	
5-37	264615	Gasket	2	
5-38	264810	Plate	1	
5-39	267322	Pipe	1	195L
5-40	266474	Cleaner Case Ass'y	1	Incl.41-47
5-41	263812	Case Body	1	
5-42	264001	Bush	1	
5-43	262718	Sleeve	1	
5-44	263815	Stay	1	
5-45	266475	Choke Valve	1	

Ref.No.	Part No.	Part Name	Q'ty	Remarks
5-46	263345	Packing	1	7.2x11xt1.3
5-47	263942	Washer	1	7.2x12xt0.15
5-48	264016	Cap Screw	2	M5x60
5-49	263801	Screen	1	
5-50	263819	Foam Element	1	
5-51	264344	Cover Ass'y	1	Incl.52-54
5-52	264345	Cover	1	
5-53	264022	Knob	1	
5-54	261734	Snap Ring	1	#5