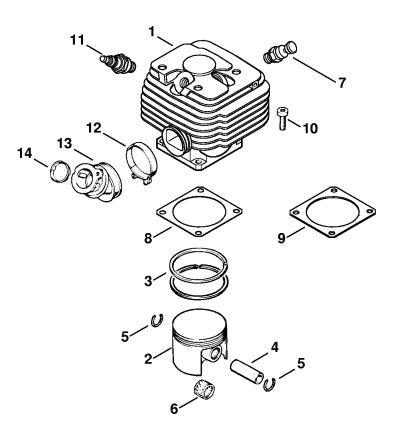


Drawing A Crankcase

Reference	Item number	Qty	Description
1	1119 020 2114	1	Crankcase
			□ 2 - 12
2	9371 470 2610	2	Cylindrical pin 5x18
3	0000 988 5211	1	Connector
4	1118 162 5200	1	Pin
5	1117 162 5225	2	Pin
6	1128 640 9100	1	Valve
7	1118 028 7400	1	Connector
8	9022 341 1010	6	Spline screw IS-M5x18
9	9456 621 4330	1	Circlip 40x1.75
10	9503 003 0440	1	Grooved ball bearing 6203
11	9503 003 0340	1	Grooved ball bearing 6202
12	1138 664 2400	2	Collar screw
12	1100 004 2400	_	Odilar Solow
13	9640 003 1880	1	Oil seal 17x39.9x5
14	9640 003 1340	1	Oil seal 13x22x5
15	1106 647 9404	1	Hose
16	1106 640 3801	1	Pickup body
17	1119 029 0500	1	Gasket
18	1119 030 0400	1	Crankshaft (25.2005)
			□ 19
19	1120 036 8500	1	Woodruff key 2x3.7
20	0000 350 0526	1	Filler cap
			□ 21
21	9645 948 2470	1	O-ring 23x3
	1119 007 1050	1	Set of gaskets
			□ 13, 14, 17
	1119 007 1051	1	Set of gaskets available in Brazil only
			□ 17

⁽¹⁾ MS 381, (2) MS 381-N, (3) MS 381-Z

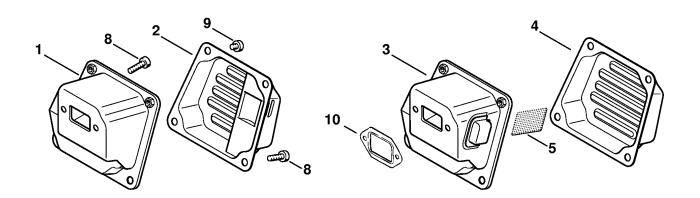


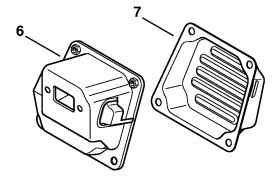
BET002 SC

Drawing B Cylinder

_				
	Reference	Item number	Qty	Description
	1	1119 020 1204	1	Cylinder with piston Ø 52 mm □ 2 - 5
	2	1119 030 2003	1	Piston Ø 52 mm □ 3 - 5
	3	1115 034 3010	2	Piston ring Ø 52x1.5 mm
	4	1122 034 1500	1	Piston pin 12x8x33
	5	9463 650 1200	2	Snap ring 12x1
	6	9512 003 3140	1	Needle cage 12x16x13
	7	1128 020 9400	1	Decompression valve
	8	1119 029 2302	1	Cylinder gasket (1,3)
	9	1119 029 2303	1	Cylinder gasket 1 mm (2) low compression
	10	9022 341 1010	4	Spline screw IS-M5x18
	11	0000 400 7000	1	Spark plug NGK BPMR7A
	11	1110 400 7005	1	Spark plug Bosch WSR 6 F
	12	9771 021 2580	1	Hose clip Ø 34x7
	13	1119 141 2200	1	Manifold
	14	1119 141 1800	1	Sleeve
		1119 007 1050	1	Set of gaskets □ 8
		1119 007 1051	1	Set of gaskets available in Brazil only □ 8

⁽¹⁾ MS 381, (2) MS 381-N, (3) MS 381-Z

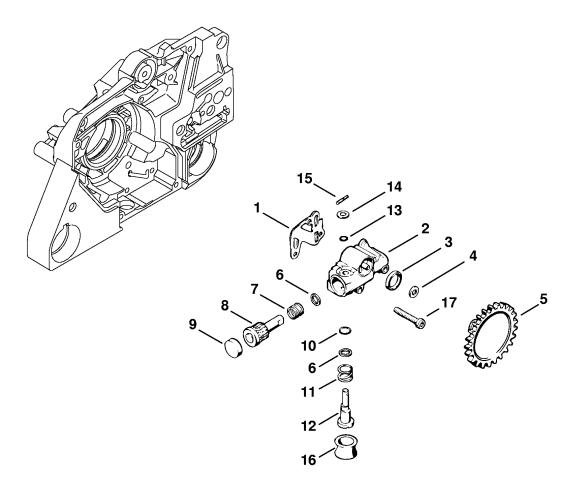




Drawing C Muffler

Reference	Item number	Qty	Description
1	1119 140 0604	1	Muffler (1) Standard □ 2
2	1119 145 0804	1	Exhaust casing (1) Standard
3	1119 140 0611	1	Muffler (3) AUS, NZ
			□ 4, 5
4	1119 145 0806	1	Exhaust casing (3) AUS, NZ
5	1119 141 9002	1	Screen (3) AUS, NZ
6	1119 140 0602	1	Muffler (1,2) available in Brazil only
			□ 7
7	1119 145 0803	1	Exhaust casing (1,2) available in Brazil only
8	9022 341 1010	4	Spline screw IS-M5x18
9	9022 341 0910	2	Spline screw IS-M5x6
10	1125 149 0601	1	Muffler gasket
	1119 007 1050	1	Set of gaskets □ 10
	1119 007 1051	1	Set of gaskets available in Brazil only □ 10

⁽¹⁾ MS 381, (2) MS 381-N, (3) MS 381-Z

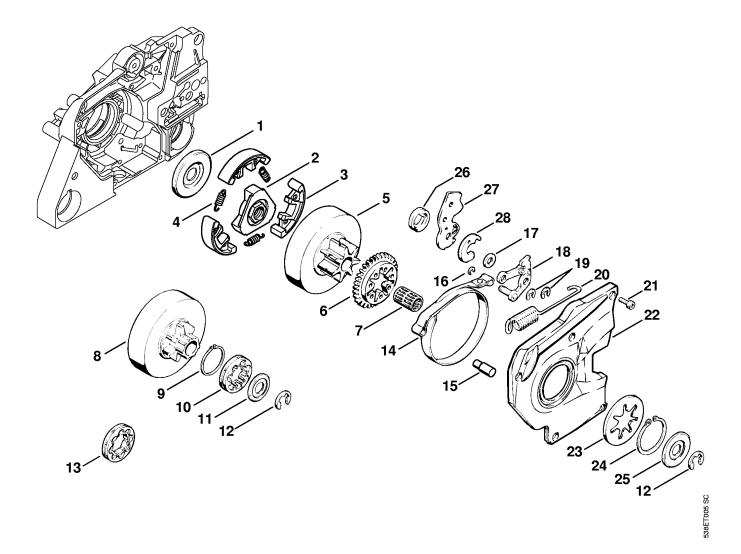


38ET004 SC

Reference	Item number	Qty	Description
1	1117 649 1100	1	Gasket
	1119 640 3200	1	Oil pump
			□ 2 - 15
2	1117 640 3001	1	Pump housing
			□ 3
3	9643 950 1160	1	Sealing ring 12x16x3
4	0000 958 0406	1	Washer
5	1119 640 7100	1	Worm
6	0000 958 0701	2	Washer
7	0000 997 1010	1	Compression spring
8	1117 647 0601	1	Pump piston
9	0000 988 6220	1	Plug
10	9646 945 0490	1	O-ring 7x1.5
11	0000 997 1200	1	Helical spring
12	1117 647 4801	1	Control bolt
13	9646 945 0230	1	O-ring 5x1.25
14	9486 648 0100	1	Cup spring 10
15	1117 647 9800	1	Pin
16	0000 989 0401	1	Rubber ring
17	9022 313 0740	3	Spline screw IS-M4x25
	1119 007 1050	1	Set of gaskets
			□ 1
	1119 007 1051	1	Set of gaskets available in Brazil only
			□ 1

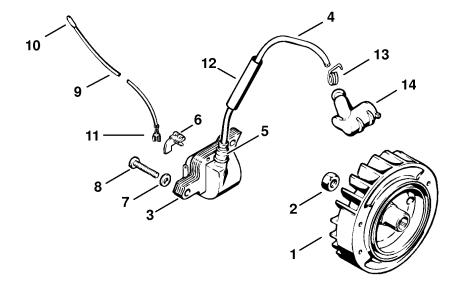
⁽¹⁾ MS 381, (2) MS 381-N, (3) MS 381-Z

Ε



Reference	Item number	Qty	Description
1	1119 162 8915	1	Washer
	1119 160 2002	1	Clutch
			□ 2 - 4
2		1	Carrier (D)
3	1119 162 0802	3	Clutch shoe
4	0000 997 0907	3	Tension spring
5	1119 640 2000	1	Chain sprocket 3/8" 7T (1,2)
6	1119 642 1501	1	Spur gear
7	9512 933 3150	1	Needle cage 12x16x24
	1119 007 1003	1	Rim sprocket kit 3/8" 7T (1,3) □ 8 - 12
8		1	Clutch drum (D) (1,3)
9	9455 621 2790	1	Circlip 25x1.2 (1,3)
10	0000 642 1223	1	Rim sprocket 3/8" 7T (1,3)
11	0000 958 1231	1	Washer (1,3)
12	9460 624 1001	1	E-clip 10x1.5 (1,3)
	1119 007 1021	1	Rim sprocket kit 3/8" 8T (B) (1,3)
13	0000 642 1216	1	Rim sprocket 3/8" 8T (B) (1,3)
14	1119 160 5401	1	Brake band
15	1119 162 5205	1	Pin
16	9468 621 0330	1	Circlip 6x0.7
17	0000 958 0704	1	Washer
18	1118 160 5002	1	Lever
19	9460 624 0500	2	E-clip 5
20	1119 162 7900	1	Tension spring
21	9022 313 0660	5	Spline screw IS-M4x12
22	1119 021 1102	1	Cover
23	1119 642 7800	1	Washer
24	9455 621 4010	1	Circlip 36x1.2 (1,2)
25	0000 958 1232	1	Washer (1,2)
26	0000 998 1801	1	Torsion spring
27	1117 162 5020	1	Lever
28	1117 162 8906	1	Sealing washer

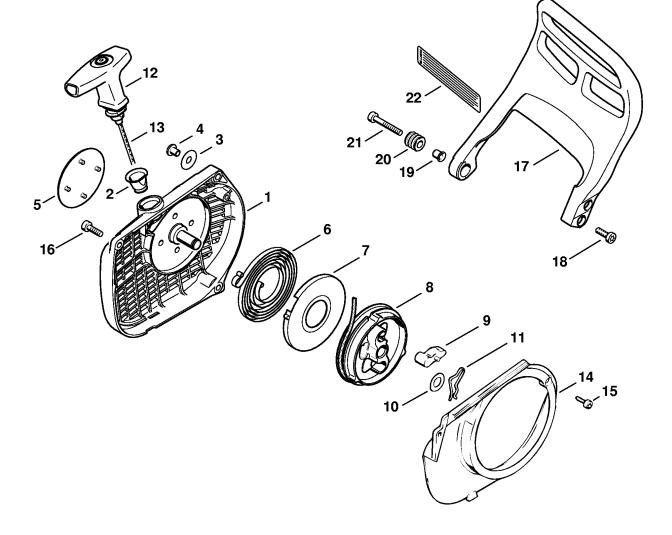
⁽¹⁾ MS 381, (2) MS 381-N, (3) MS 381-Z



Reference	Item number	Qty	Description
1	1119 400 1206	1	Flywheel (25.2005)
2	9210 261 1140	1	Hexagon nut M8x1
3	0000 400 1300	1	Ignition module □ 4 - 6
4		1	Ignition lead 140 mm
	0000 405 0600	1	Ignition lead 1 m (A,B)
	0000 930 2251	1	Ignition lead 10 m (A,B)
5	0000 989 1010	1	Grommet
6	0000 448 1250	1	Lead retainer
7	9294 021 0120	2	Washer 5.3
8	9022 341 1050	2	Spline screw IS-M5x25
9	1118 440 1100	1	Short circuit wire 330 mm / 13" □ 10, 11
10	1110 442 7000	1	Contact sleeve
11	0751 030 8957	1	Terminal socket 4.8-1/0.8
	0751 010 1110	1	Lead 10 m / 33' (A,B)
12	1119 405 8005	1	Hose
13	0000 998 0604	1	Torsion spring
14	1128 405 1000	1	Spark plug boot

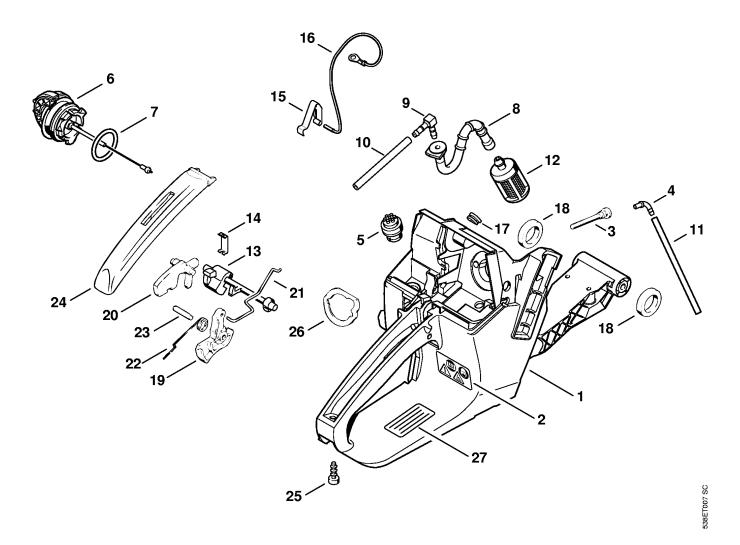
⁽¹⁾ MS 381, (2) MS 381-N, (3) MS 381-Z

G



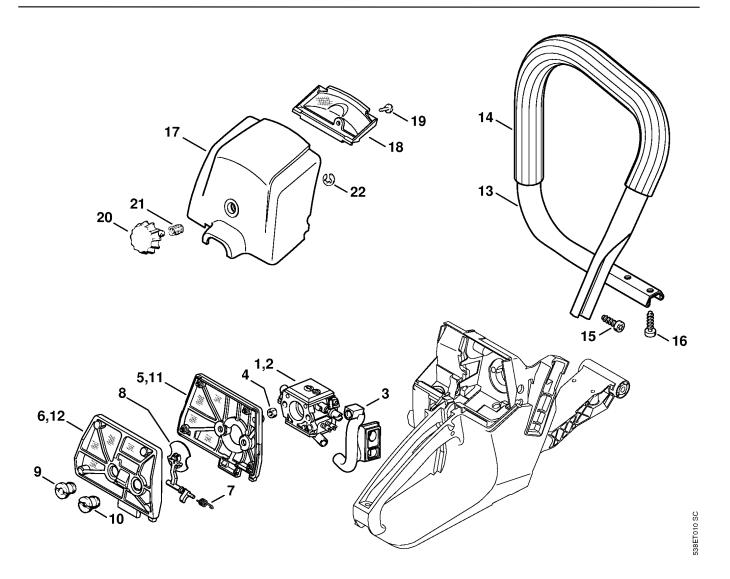
Reference	Item number	Qty	Description
	1119 080 2101	1	Fan housing with rewind starter
			□ 1 - 15
1	1119 080 1804	1	Fan housing
			□ 2 - 5
2	1110 084 9102	1	Bushing
3	0000 958 0607	1	Washer
4	9416 868 6530	1	Hollow rivet 6.5x0.5x6.8
5	1119 967 1515	1	Model plate MS 381
6	1117 190 0601	1	Rewind spring
			□ 7
7	1117 195 0301	1	Spring housing
8	1117 007 1014	1	Rope rotor kit
			□ 9
9	1124 195 7200	1	Pawl
10	1118 162 8935	1	Washer
11	1117 195 3500	1	Spring
12	1122 190 3400	1	Starter grip ElastoStart Ø 4,5 mm
			□ 13
13	1122 190 2900	1	Starter rope Ø 4.5 mm
	0000 930 2268	1	Starter rope Ø 4.5mm / 28 pieces (B)
14	1119 084 7800	1	Segment
15	9022 313 0660	2	Spline screw IS-M4x12
16	9022 341 1010	2	Spline screw IS-M5x18
17	1119 790 9100	1	Hand guard
18	9022 341 0980	2	Spline screw IS-M5x16
19	1124 792 5500	1	Bushing
20	1124 792 5505	1	Bushing
21	9022 341 1080	1	Spline screw IS-M5x35
22	0000 967 3612	1	Instruction label USA, CDN

⁽¹⁾ MS 381, (2) MS 381-N, (3) MS 381-Z



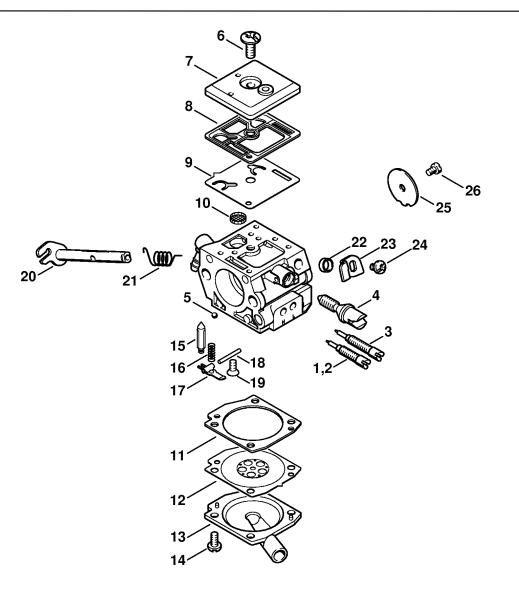
_				
	Reference	Item number	Qty	Description
		1119 350 0854	1	Tank housing
				□ 1 - 25
	1	1119 350 0808	1	Tank housing
				□ 2 - 10
	2	0000 967 3662	1	Warning pictogram MS
	3	1125 122 6600	2	Collar screw
	4	1119 122 3900	1	Elbow connector
	5	0000 350 5800	1	Tank vent
	6	0000 350 0525	1	Filler cap
				□ 7
	7	9645 948 7734	1	O-ring 25x3.5
	8	1119 358 7702	1	Hose
	•	4400 050 0000		
	9	1122 353 2600	1	Elbow connector
	10		1	Hose 3.1x5.7x65 mm (D)
	11		1	Hose 3.1x5.7x102 mm (D)
		0000 930 2803	1	Hose 3.1x5.7 mm x 1 m (A,B)
		0712 923 8004	1	Hose 3.1x5.7 mm x 10 m (A,B)
	12	0000 350 3504	1	Pickup body
	13	1118 182 0900	1	Switch shaft
	14	1119 182 2100	1	Support
	15	1119 442 1600	1	Contact spring
	16	1119 440 2200	1	Ground wire 205 mm / 8 1/16"
	17	0000 989 0808	1	Grommet
	18	1119 791 8400	2	Ring
	19	1118 182 1006	1	Throttle trigger
	20	1117 182 0805	1	Trigger interlock
	21	1119 182 1501	1	Throttle rod
	22	1117 182 4500	1	Torsion spring
	23	9371 470 2640	1	Cylindrical pin 5x24
	24	1118 791 0602	1	Handle molding
	25	9074 478 3076	1	Pan head self-tapping screw IS-P4x19
	26	1119 121 8600	1	Washer
	27	0000 967 3685	1	Instruction label (1) BR

⁽¹⁾ MS 381, (2) MS 381-N, (3) MS 381-Z



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	Reference	Item number	Qty	Description
	1	1119 120 0605	1	Carburetor C3-S148 (50.2008)
	2	1119 120 0606	1	Carburetor C3-S149 (1) available in Brazil only (50.2008)
	3	1119 123 7502	1	Grommet (50.2008)
	4	9210 260 0700	2	Hexagon nut M5
		1119 120 1628	1	Air filter, fleece
				□ 5 - 10
		1119 120 1625	1	Air filter (B)
				□ 7 - 12
	5	1119 120 1630	1	Air filter, fleece
	6	1119 120 1629	1	Air filter, fleece
	7	1119 124 3000	1	Torsion spring
	8	1119 120 2900	1	Choke shutter
	9	1113 140 9510	1	Slotted nut
	10	1125 141 8300	1	Slotted nut
	11	1119 120 1626	1	Air filter (B)
	12	1119 120 1627	1	Air filter (B)
	13	1119 790 1701	1	Handlebar
				□ 14
	14		1	Handle hose 430 mm / 16 15/16" (D)
		0000 791 2009	1	Handle hose Ø 19 mm x 5 m / 3/4x197" (A,B)
	15	9074 478 4475	2	Pan head self-tapping screw IS-P6x21.5
	16	9074 478 4435	2	Pan head self-tapping screw IS-P6x19
	10	3074 470 4403	2	Tairricad self-tapping selew to 1 0x15
	17	1119 140 1906	1	Carburetor box cover
				□ 18 - 22
	18	1119 120 1501	1	Prefilter
	19	9074 478 3076	1	Pan head self-tapping screw IS-P4x19
	20	1113 140 9200	1	Twist lock
	21	0000 997 0927	1	Compression spring
	22	9460 624 0500	1	E-clip 5

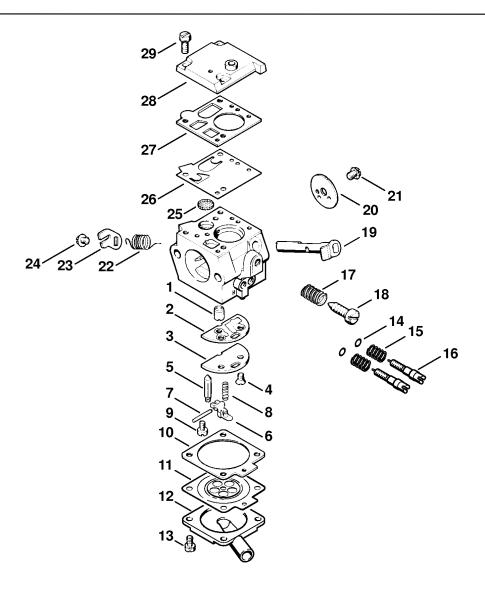
⁽¹⁾ MS 381, (2) MS 381-N, (3) MS 381-Z



38FT011.5

Reference	Item number	Qty	Description
	1119 120 0605	1	Carburetor C3-S148 □ 1, 3 - 26
	1119 120 0606	1	Carburetor C3-S149 (1) available in Brazil only □ 2 - 26
1	1119 122 6700	1	High speed adjustment screw
2	1119 122 6701	1	High speed adjustment screw (1) available in Brazil only
3	1119 122 6800	1	Low speed adjustment screw
4	1139 122 6200	1	Idle speed adjustment screw
5	1125 122 4200	1	Ball
6	1120 122 7800	1	Oval head screw
7	1125 121 0802	1	End cover
8	1125 129 0900	1	Gasket
9	1128 121 4802	1	Pump diaphragm
10	1123 121 7800	1	Strainer
11	1125 129 0901	1	Gasket
12	1119 121 4702	1	Metering diaphragm
13	1125 121 0804	1	End cover
14	1120 122 6601	4	Collar screw
15	4126 121 5170	1	Inlet needle
16	1119 122 3001	1	Spring
17	1119 121 5002	1	Inlet control lever
18	1120 121 9200	1	Spindle
19	1120 122 6600	1	Collar screw
20	1119 120 7103	1	Throttle shaft with lever
21	1119 122 3202	1	Torsion spring
22	1119 122 5000	1	Spacer sleeve
23	1119 121 3500	1	Throttle lever
24	9079 319 0280	1	Flat head screw M3x3.5
25	1125 121 3301	1	Throttle shutter
26	1125 122 7402	1	Round head screw
	1119 007 1032	1	Set of carburetor parts □ 8 - 12, 15, 16
	1119 007 1031	1	Set of carburetor parts □ 8, 9, 11, 12

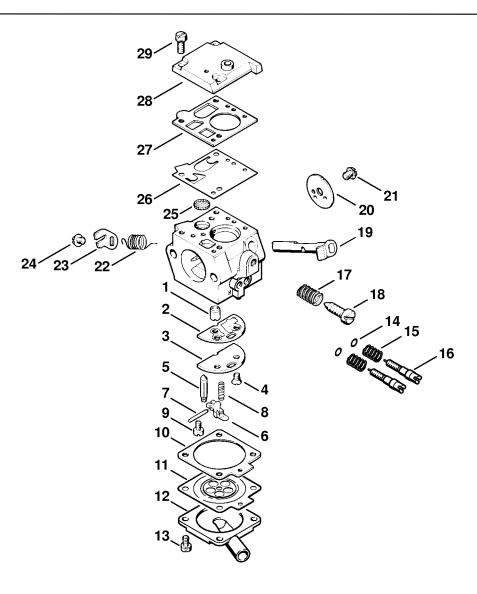
⁽¹⁾ MS 381, (2) MS 381-N, (3) MS 381-Z



15ET009 T

_					
	Referen	се	Item number	Qty	Description
		*	1119 120 0650	1	Carburetor Bing 48A101C (50.2008)
					□ 1 - 29
	1	*	1119 121 5402	1	Valve jet (50.2008)
	2	*	1119 129 0900	1	Gasket (50.2008)
	3	*	1119 121 7401	1	Plate (50.2008)
	4	*	1119 122 7900	2	Countersunk screw (50.2008)
	5	*	1110 121 5100	1	Inlet needle (50.2008)
	6	*	1119 121 5001	1	Inlet control lever (50.2008)
	7	*	1119 121 9200	1	Spindle (50.2008)
	8	*	1119 122 3001	1	Spring (50.2008)
	9	*	1119 122 7101	1	Screw (50.2008)
	10	*	1119 129 0905	1	Gasket (50.2008)
	11	*	1119 121 4701	1	Metering diaphragm (50.2008)
	12	*	1119 121 0803	1	End cover (50.2008)
	13	*	1119 122 7200	4	Pan head screw (50.2008)
	14	*	1119 122 3600	2	Sealing ring (50.2008)
	15	*	1119 122 3004	2	Spring (50.2008)
	16	*	1119 122 6602	2	High speed adjustment screw (50.2008)
	17	*	1119 122 3003	1	Spring (50.2008)
	18	*	1119 122 6201	1	Idle speed adjustment screw (50.2008)
	19	*	1119 120 7102	1	Throttle shaft with lever (50.2008)
	20	*	1119 121 3301	1	Throttle shutter (50.2008)
	21	*	1119 122 7102	1	Screw (50.2008)
	22	*	1119 122 3201	1	Torsion spring (50.2008)
	23	*	1119 121 2801	1	Strap (50.2008)
	24	*	1119 122 7210	1	Pan head screw (50.2008)
	25	*	1119 121 7801	1	Strainer (50.2008)
	26	*	1119 121 4801	1	Pump diaphragm (50.2008)
	27	*	1119 129 0910	1	Gasket (50.2008)
	28	*	1119 121 0802	1	End cover (50.2008)
	29	*	1119 122 7205	3	Pan head screw (50.2008)
		*	1119 007 1062	1	Set of carburetor parts (50.2008)
					□ 2, 10, 11, 26, 27
		*	1119 007 1066	1	Set of carburetor parts (50.2008)
					□ 2, 5, 6, 8, 10, 11, 25 - 27

⁽¹⁾ MS 381, (2) MS 381-N, (3) MS 381-Z

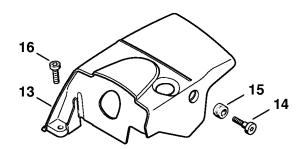


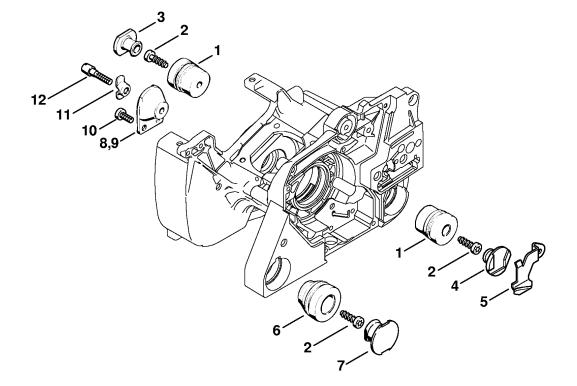
5ET009 T

Re	eferen	се	Item number	Qty	Description
		*	1119 120 0651	1	Carburetor Bing 48A125A (1) available in Brazil only (50.2008) □ 1 - 29
	1	*	1119 121 5402	1	Valve jet (1) (50.2008)
	2	*	1119 129 0900	1	Gasket (1) (50.2008)
	3	*	1119 121 7402	1	Plate (1) available in Brazil only (50.2008)
	4	*	1119 122 7900	2	Countersunk screw (1) (50.2008)
	5	*	1110 121 5100	1	Inlet needle (1) (50.2008)
	6	*	1119 121 5001	1	Inlet control lever (1) (50.2008)
	7	*	1119 121 9200	1	Spindle (1) (50.2008)
	8	*	1119 122 3001	1	Spring (1) (50.2008)
	9	*	1119 122 7101	1	Screw (1) (50.2008)
	10	*	1119 129 0905	1	Gasket (1) (50.2008)
	11	*	1119 121 4701	1	Metering diaphragm (1) (50.2008)
	12	*	1119 121 0803	1	End cover (1) (50.2008)
	13	*	1119 122 7200	4	Pan head screw (1) (50.2008)
	14	*	1119 122 3600	2	Sealing ring (1) (50.2008)
	15	*	1119 122 3004	2	Spring (1) (50.2008)
	16	*	1119 122 6602	2	High speed adjustment screw (1) (50.2008)
	17	*	1119 122 3003	1	Spring (1) (50.2008)
	18	*	1119 122 6201	1	Idle speed adjustment screw (1) (50.2008)
	19	*	1119 120 7102	1	Throttle shaft with lever (1) (50.2008)
	20	*	1119 121 3301	1	Throttle shutter (1) (50.2008)
	21	*	1119 122 7102	1	Screw (1) (50.2008)
	22	*	1119 122 3201	1	Torsion spring (1) (50.2008)
	23	*	1119 121 2801	1	Strap (1) (50.2008)
	24	*	1119 122 7210	1	Pan head screw (1) (50.2008)
	25	*	1119 121 7801	1	Strainer (1) (50.2008)
	26	*	1119 121 4801	1	Pump diaphragm (1) (50.2008)
	27	*	1119 129 0910	1	Gasket (1) (50.2008)
	28	*	1119 121 0802	1	End cover (1) (50.2008)
	29	*	1119 122 7205	3	Pan head screw (1) (50.2008)
		*	1119 007 1062	1	Set of carburetor parts (1) (50.2008) □ 2, 10, 11, 26, 27
		*	1119 007 1066	1	Set of carburetor parts (1) (50.2008) □ 2, 5, 6, 8, 10, 11, 25 - 27

⁽¹⁾ MS 381, (2) MS 381-N, (3) MS 381-Z

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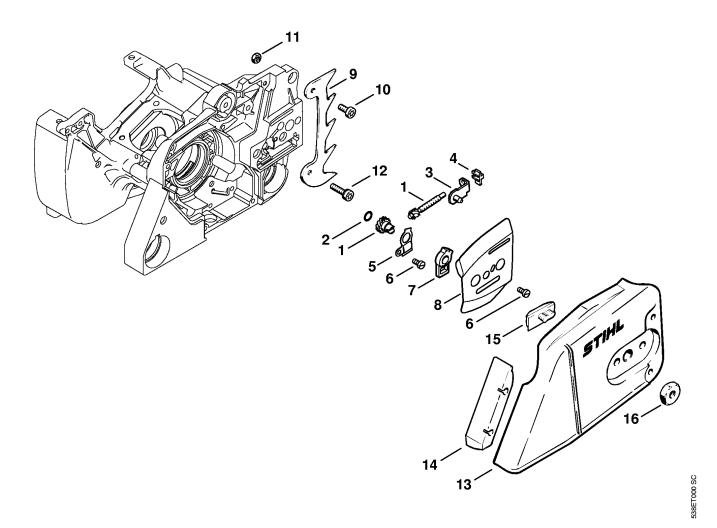




SOUTTOO C

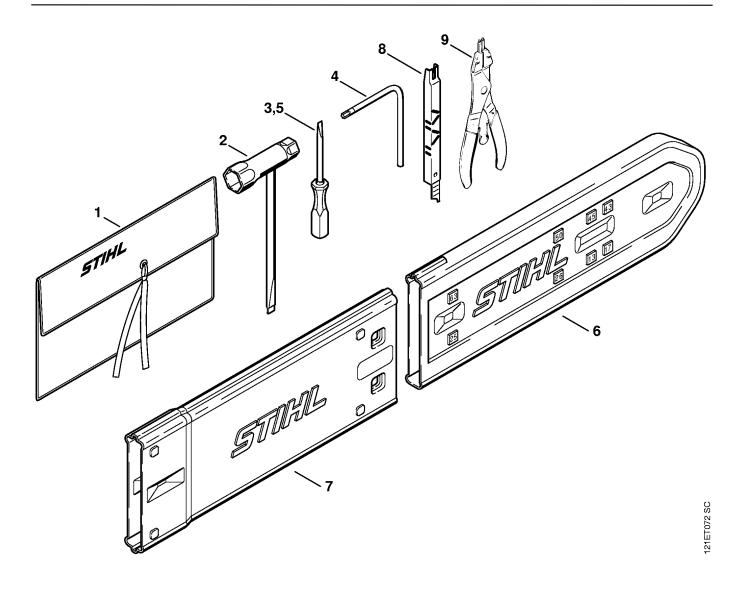
Reference	Item number	Qty	Description
1	1121 790 9912	2	Annular buffer
2	9074 478 4435	3	Pan head self-tapping screw IS-P6x19
3	1119 791 7306	1	Plug
4	1119 791 7300	1	Plug
5	1119 656 7701	1	Chain catcher
6	1121 790 9909	1	Annular buffer
7	1125 791 7306	1	Plug
8	1118 790 9930	1	Annular buffer
9	1119 790 9901	1	Annular buffer (2) PRC
10	9022 341 0960	2	Spline screw IS-M5x12
11	1121 791 1200	1	Retainer
12	1121 791 6105	1	Pan head screw
13	1119 084 0904	1	Shroud
14	1124 084 8700	1	Collar screw
15	1124 084 8900	1	Ring
16	9022 341 1010	2	Spline screw IS-M5x18

⁽¹⁾ MS 381, (2) MS 381-N, (3) MS 381-Z



Refere	nce Item number	Qty	Description
1	1125 007 1021	1	Spur gear / chain adjusting screw kit □ 2
2	9646 945 0490	1	O-ring 7x1.5
3	1125 640 1900	1	Tensioner slide
4	1125 664 1400	1	Thrust pad
5	1122 664 2200	1	Cover plate
6	9041 216 0630	2	Pan head screw M4x8
7	1122 664 4500	1	Support
8	1119 664 1000	1	Inner side plate
9	1128 664 0500	1	Bumper spike
10	9022 341 0960	1	Spline screw IS-M5x12
11	9214 320 0700	1	Lock nut M5
12	9022 341 1019	1	Spline screw IS-M5x20
13	1128 640 1706	1	Chain sprocket cover ☐ 14, 15
14	1125 656 1501	1	Guard
15 16		1 2	Bumper strip
10	0000 955 060 1	2	Hexagon nut M8

⁽¹⁾ MS 381, (2) MS 381-N, (3) MS 381-Z



Drawing P Tools, Extras

Reference	Item number	Qty	Description
	1121 890 1400	1	Tool kit
			□ 1 - 4
1	0000 891 0801	1	Tool roll
2	1129 890 3401	1	Combination wrench
3	0000 890 2300	1	Screwdriver
4	0812 370 1000	1	Screwdriver T27x120x70
5	5910 890 2305	1	Screwdriver available in Brazil only
6	0000 792 9129	1	Chain scabbard
7	0000 792 9132	1	Chain scabbard extension up to 63 cm (B)
8	1110 893 4000	1	Filing gauge (B)
9		1	Circlip pliers (C)

⁽¹⁾ MS 381, (2) MS 381-N, (3) MS 381-Z