

S COOTES

Drawing A Engine

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	Reference	Item number	Qty	Description
	1	1123 020 1209	1	Cylinder with piston Ø 42.5 mm (1,3-6)
				□ 4 - 8, 15
	2	1123 020 1220	1	Cylinder with piston Ø 42.5 mm (2,6) Easy start version
				□ 4 - 8, 15, 17
	3	1123 020 1227	1	Cylinder with piston Ø 42.5 mm (4) J
				□ 4 - 8, 15
	4	1123 030 2016	1	Piston Ø 42.5 mm
				□ 4 - 6
	5	1123 034 3006	2	Piston ring Ø 42.5x1.2 mm
	6	4119 034 1500	1	Piston pin 10x6.5x28
	7	9463 650 1000	2	Snap ring 10
	8	0000 988 5211	1	Connector
	9	9512 003 2250	1	Needle cage 10x13x12.5
	10	1123 030 0408	1	Crankshaft (25.2005)
	10	1123 030 0410	1	Crankshaft available in Brazil only (25.2005)
	11	9503 003 0340	2	Grooved ball bearing 6202
	12	9638 003 1581	2	Oil seal 15x25x5 (24.1996)
	12	9639 003 1585	2	Oil seal 15x25x5 (24.1996)
	13	9468 621 1520	1	Circlip 15x1
	14	1123 021 2500	1	Engine pan
	15	9075 478 4195	4	Pan head self-tapping screw IS-D5.3x41
	16	1123 020 9400	1	Decompression valve (2,6) Easy start version
	17	1122 025 2200	1	Plug (2,6) Easy start version
	18	1110 400 7005	1	Spark plug Bosch WSR 6 F
	18	0000 400 7000	1	Spark plug NGK BPMR7A
		0783 830 2000	1	Tube of sealant Dirko HT red (A)

 $(1) \ \mathsf{MS}\ 250, (2) \ \mathsf{MS}\ 250\ \mathsf{C-BE}, (3) \ \mathsf{MS}\ 250\ \mathsf{C-BE}\ \mathsf{Z}, (4) \ \mathsf{MS}\ 250\ \mathsf{C-BE}, (5) \ \mathsf{MS}\ 250\ \mathsf{C-BE}\ \mathsf{Z}, (6) \ \mathsf{MS}\ 250-\mathsf{Z}$

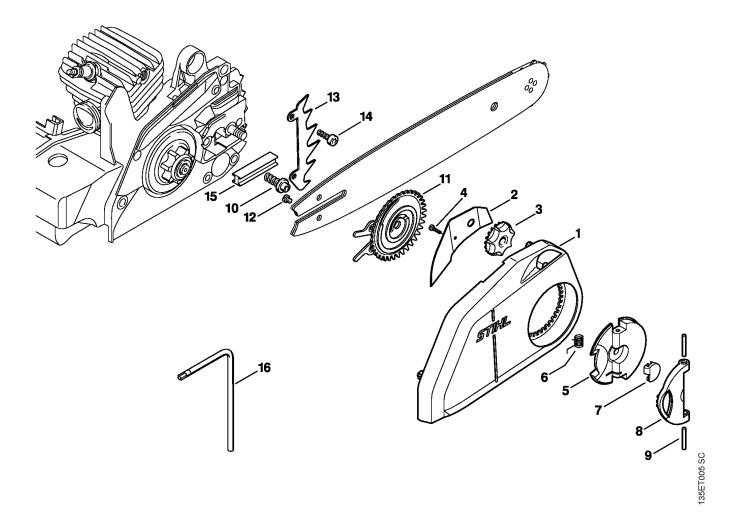
32ET003 SC

Drawing

Reference	Item number	Qty	Description
1	1123 020 3003	1	Engine housing (1,2,3,6) □ 3 - 6, 16 - 19
2	1123 020 3027	1	Engine housing (4,5) ErgoStart/Easy2Start □ 3 - 6, 16 - 19
3	1128 640 9100	1	Valve
4	1123 162 7800	1	Flat spring
5	1123 664 2400	2	Collar screw
6	1123 790 9900	1	Annular buffer
7	1123 790 9900	2	Annular buffer
8	9075 478 4155	3	Pan head self-tapping screw IS-D5x24
9	1123 791 7300	3	Plug
	1123 007 1000	1	Chain tensioner kit (B)
			□ 10 - 15
	1123 007 1004	1	Spur gear / chain adjusting screw kit (1,6) □ 10, 11
10		1	Spur gear (D) (1,6)
11		1	Adjusting screw (D) (1,6)
12	1123 640 1900	1	Tensioner slide (1,6)
13	1123 664 1400	1	Thrust pad (1,6)
14	1123 664 2200	1	Cover (1,6)
15	9075 478 3015	1	Pan head self-tapping screw IS-D4x15 (1,6)
16	0000 350 0526	1	Filler cap
			□ 17
17	9645 948 2470	1	O-ring 23x3
18	0000 350 0525	1	Filler cap
			□ 19
19	9645 948 7734	1	O-ring 25x3.5
20	1123 358 7702	1	Hose
21	0000 350 3500	1	Pickup body
22	0000 967 3662	1	Warning pictogram MS

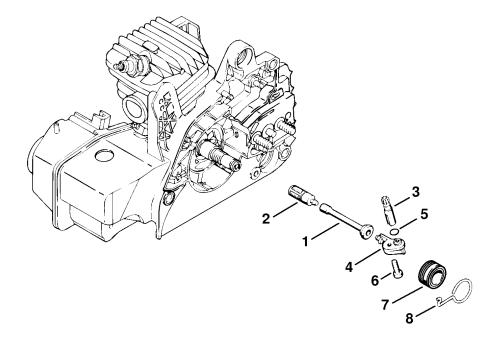
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	Reference	Item number	Qty	Description
		1123 007 1008	1	Quick tensioner parts (B)
				□ 1 - 16
	1	1123 640 1700	1	Chain sprocket cover (2-5)
				□ 2 - 4
	2	1123 648 3800	1	Cover plate (2-5)
	3	1123 648 2202	1	Adjusting wheel (2-5)
	4	9104 003 8600	1	Self-tapping screw P3x10 (2-5)
	5	1121 660 1000	1	Wing nut (2-5)
				□ 6 - 9
	6		1	Torsion spring (D) (2-5)
	7		1	Cap (D) (2-5)
	8		1	Handle (D) (2-5)
	9		2	Cylindrical pin 3m6x26 (D) (2-5)
	10	1123 664 2402	1	Collar screw (2-5)
	11	1123 660 3001	1	Tensioning gear (2-5)
				□ 12
	12	9041 319 0600	1	Pan head screw M4x5 (2-5)
	13	1123 664 0501	1	Bumper spike (2-5)
	14	9075 478 4115	2	Pan head self-tapping screw IS-D5x16 (2-5)
	15	1123 021 2800	1	Insert (2-5)
	16	0812 370 1000	1	Screwdriver T27x120x70 (2-5)
				• •

 $^{(1) \ \}mathsf{MS}\ 250, (2) \ \mathsf{MS}\ 250\ \mathsf{C-BE}, (3) \ \mathsf{MS}\ 250\ \mathsf{C-BE}\ \mathsf{Z}, (4) \ \mathsf{MS}\ 250\ \mathsf{C-BE}, (5) \ \mathsf{MS}\ 250\ \mathsf{C-BE}\ \mathsf{Z}, (6) \ \mathsf{MS}\ 250-\mathsf{Z}$

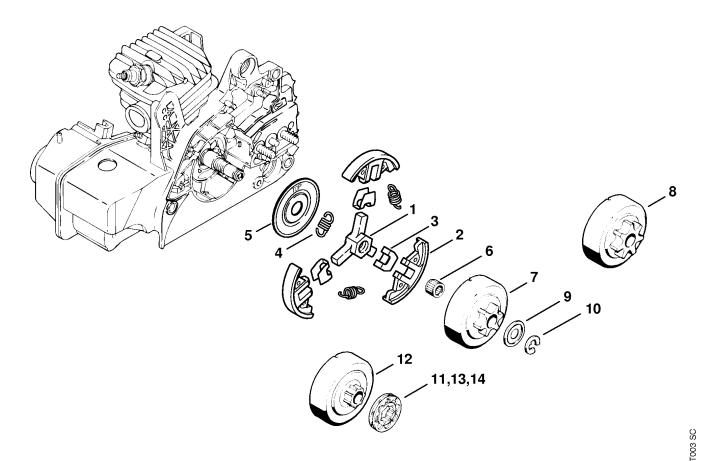


ET041 SC

Drawing D Oil pump

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	Reference	Item number	Qty	Description
	1	1123 647 9400	1	Hose
	2	1123 640 3800	1	Pickup body
	3	1123 640 3200	1	Oil pump 0.55 (1-4)
	3	1123 640 3201	1	Oil pump 0.65 (1,5,6)
	4	1123 640 2901	1	Connector
				\square 5
	5	9646 945 0355	1	O-ring 6.1x1.6
	6	9074 478 4130	1	Pan head self-tapping screw IS-P5x16
	7	1123 640 7102	1	Worm
				□ 8
	8	1123 647 2400	1	Spring

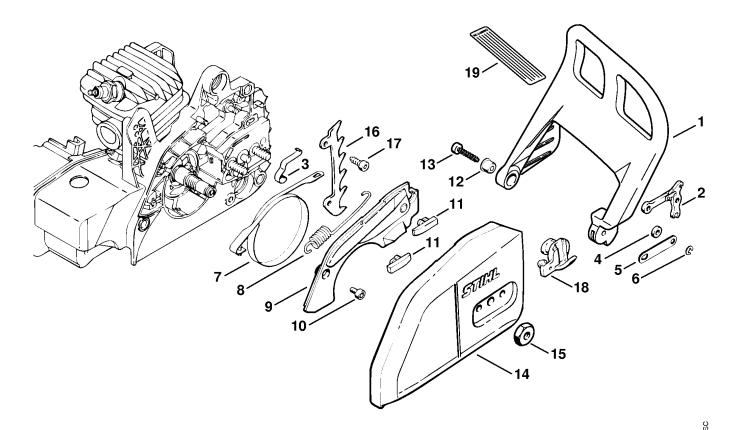
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2081

 Reference	Item number	Qty	Description
	1123 160 2050	1	Clutch
			□ 1 - 5
1	1121 162 3201	1	Carrier
2	1129 162 0800	3	Clutch shoe
3	1127 162 3000	3	Retainer
4	0000 997 5515	3	Tension spring
5	1121 162 1001	1	Cover washer
6	9512 933 2260	1	Needle cage 10x13x10
7	1123 640 2073	1	Chain sprocket 3/8" Picco 6T
8	1123 640 2072	1	Chain sprocket 3/8" Picco 7T (B)
	1123 640 2077	1	Chain sprocket 1/4" 8T (A,B)
	1123 640 2074	1	Chain sprocket 0.325" 7T (A,B)
	1123 640 2076	1	Chain sprocket 0.325" 8T (A,B)
9	0000 958 1022	1	Washer Ø 27 mm
10	9460 624 0801	1	E-clip 8x1.3
	1123 007 1030	1	Rim sprocket kit Picco 7T (B)
			□ 9 - 12
11	0000 642 1240	1	Rim sprocket 3/8" Picco 7T (B)
12		1	Clutch drum (D)
	1123 007 1031	1	Rim sprocket kit 0.325" 8T (B)
			□ 9, 10, 12, 13
13	0000 642 1234	1	Rim sprocket 0.325" 8T (B)
	1123 007 1032	1	Rim sprocket kit 0.325" 7T (B)
			□ 9, 10, 12, 14
14	0000 642 1236	1	Rim sprocket 0.325" 7T (B)

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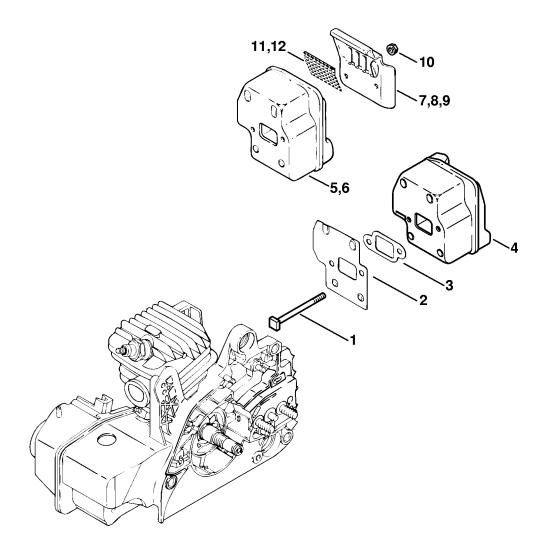


Drawing F Chain brake

Reference	Item number	Qty	Description
	1123 790 9150	1	Hand guard
			□ 1, 12
1	1123 792 9100	1	Hand guard
2	1121 160 5000	1	Lever
3	1123 162 7800	1	Flat spring
4	0000 958 0521	1	Washer
5	1123 162 5800	1	Strap
6	9460 624 0400	1	E-clip 4
7	1123 160 5400	1	Brake band
8	1123 162 7902	1	Tension spring
9	1123 021 1100	1	Cover
10	9075 478 3015	2	Pan head self-tapping screw IS-D4x15
11	1123 648 6600	2	Bumper strip
12	1127 791 7200	1	Sleeve
13	9075 478 4155	1	Pan head self-tapping screw IS-D5x24
14	1123 640 1705	1	Chain sprocket cover (1,6)
15	0000 955 0801	2	Hexagon nut M8
16	1123 664 0500	1	Bumper spike (1,5,6)
17	9075 478 4115	2	Pan head self-tapping screw IS-D5x16 (1,5,6)
18	1123 656 7700	1	Chain catcher (B)
19	0000 967 3630	1	Instruction label USA

 $^{(1) \ \}mathsf{MS}\ 250, (2) \ \mathsf{MS}\ 250\ \mathsf{C-BE}, (3) \ \mathsf{MS}\ 250\ \mathsf{C-BE}\ \mathsf{Z}, (4) \ \mathsf{MS}\ 250\ \mathsf{C-BE}, (5) \ \mathsf{MS}\ 250\ \mathsf{C-BE}\ \mathsf{Z}, (6) \ \mathsf{MS}\ 250-\mathsf{Z}$

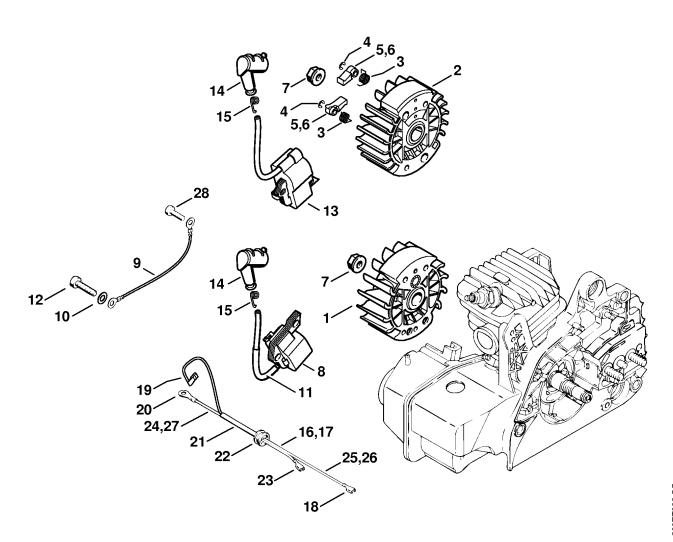




Drawing G Muffler

· <u></u>	Referenc	е	Item number	Qty	Description
	1		1123 148 1201	2	Screw M5x65
	2		1123 141 3200	1	Cooling plate
	3		1123 149 0500	1	Gasket
	4		1123 140 0608	1	Muffler (1,2,4)
	5		1123 140 0606	1	Muffler (3,4,6) USA, CDN
	0		4400 440 0000		□ 9, 12
	6		1123 140 0609	1	Muffler (5,6) AUS
	_				□ 7, 11
	7		1123 145 0603	1	Cover plate (5,6) AUS
	8	*	1123 145 0600	1	Cover plate (5,6) AUS (05.2005)
	9		1123 145 0602	1	Cover plate (3,4,6) USA, CDN
	10		9216 263 0700	2	Hexagon nut M5
	11		1123 141 9000	1	Screen (5,6) AUS
	12		1123 141 9002	1	Screen (3,4,6) USA, CDN

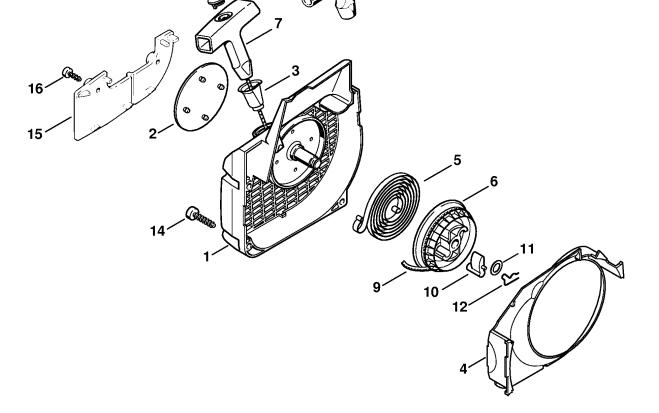
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Reference	Item number	Qty	Description
1	1123 400 1203	1	Flywheel (1,2,3,6) (25.2005)
2	1123 400 1207	1	Flywheel (4,5) (25.2005)
			□ 3 - 5
3	0000 998 1100	2	Torsion spring (4,5)
4	9460 624 0320	2	E-clip 3.2 (4,5)
5	1123 195 7202	2	Pawl (4,5)
6 *	1123 195 7201	2	Pawl (4,5) (05.2005)
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7	0000 955 0802	1	Collar nut M8x1
8	0000 400 1306	1	Ignition module (1,2,3,6)
0	4400 440 0000		□ 9, 10
9	1123 440 2200	1	Ground wire (1,2,3,6)
10	9291 021 0121	2	Washer 5.3 (1,2,3,6)
11	1123 442 0401	1	Insulating hose
12	9075 478 4155	2	Pan head self-tapping screw IS-D5x24
13	1123 400 1301	1	Ignition module (4,5)
14	1128 405 1000	1	Spark plug boot
15	0000 998 0604	1	Torsion spring
16	1123 440 3001	1	Wiring harness
			□ 18 - 25
17	1123 440 3002	1	Wiring harness (4,5)
40	0754 000 0057		□ 18 - 23, 26, 27 □ 18 - 23, 26, 27
18	0751 030 8957	1	Terminal socket 4.8-1/0.8
19	0754 000 0050	1	Terminal socket (D)
20	0751 030 8950	1	Terminal socket A 4-1
21	1123 442 0400	1	Shrink-on tube
22	0000 989 0814	1	Grommet
23	0751 030 8955	1	Terminal socket 4.8-1/0.4
24		1	Lead 160 mm / 6.3" (D) (1,2,3,6)
25		1	Lead 250 mm / 9.8" (D) (1,2,3,6)
26		1	Lead 300 mm / 11.8" (D) (4,5)
27	0754 045 4445	1	Lead 170 mm / 6.7" (D) (4,5)
22	0751 010 1110	1	Lead 10 m / 33' (A,B)
28	9075 478 3015	1	Pan head self-tapping screw IS-D4x15

 $(1) \ \mathsf{MS}\ 250, (2) \ \mathsf{MS}\ 250\ \mathsf{C-BE}, (3) \ \mathsf{MS}\ 250\ \mathsf{C-BE}\ \mathsf{Z}, (4) \ \mathsf{MS}\ 250\ \mathsf{C-BE}, (5) \ \mathsf{MS}\ 250\ \mathsf{C-BE}\ \mathsf{Z}, (6) \ \mathsf{MS}\ 250-\mathsf{Z}$



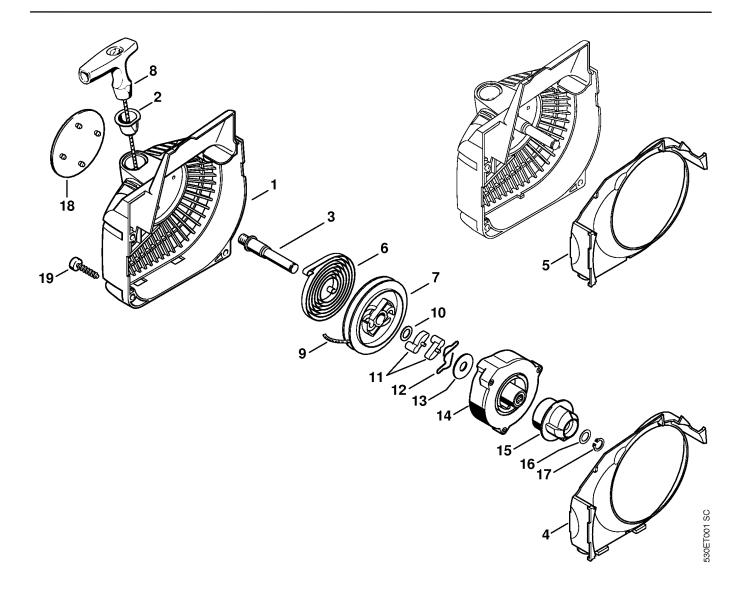
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38ET025 SC

Reference	Item number	Qty	Description
	1123 080 2104	1	Fan housing with rewind starter (1,2,3,6) □ 1 - 12
1	1123 080 1802	1	□ 1-12 Fan housing (1,2,3,6) □ 2, 3
2	1123 967 1514	1	Model plate MS 250 (1,2,3,6)
2	1123 967 1515	1	Model plate MS 250 C (1,2,3,6)
2	0000 967 1500	1	Nameplate STIHL (1,2,3,6)
3	1110 084 9102	1	Bushing (1,2,3,6)
4	1123 084 7800	1	Segment (1,2,3,6)
5	1129 190 0601	1	Rewind spring (1,2,3,6)
6	1123 195 0400	1	Rope rotor (1,2,3,6)
7	0000 190 3402	1	Starter grip ElastoStart Ø 3 mm (1,2,3,6)
			□ 8, 9
8	0000 195 7001	1	Cap (1,2,3,6)
9	0000 195 8200	1	Starter rope Ø 3x800 mm (1,2,3,6)
	0000 930 2208	1	Starter rope Ø 3 mm x 30.5 m (A,B) (1,2,3,6)
10	1125 195 7200	1	Pawl (1,2,3,6)
11	0000 958 0923	1	Washer (1,2,3,6)
12	1118 195 3500	1	Spring (1,2,3,6)
13	1121 195 3400	1	Starter grip (1,2,3,6)
14	9075 478 4155	4	Pan head self-tapping screw IS-D5x24 (1,2,3,6)
	1123 007 1009	1	Intake air preheating kit (B)
15	1123 084 8201	1	□ 15, 16 Cover plate (B) □ 16
16	9099 021 2770	2	Self-tapping screw 3.9x13 (B)

 $(1) \ \mathsf{MS}\ 250, (2) \ \mathsf{MS}\ 250\ \mathsf{C-BE}, (3) \ \mathsf{MS}\ 250\ \mathsf{C-BE}\ \mathsf{Z}, (4) \ \mathsf{MS}\ 250\ \mathsf{C-BE}, (5) \ \mathsf{MS}\ 250\ \mathsf{C-BE}\ \mathsf{Z}, (6) \ \mathsf{MS}\ 250-\mathsf{Z}$

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2 Pawl (4,5)

1 Spring (4,5)

1

1

1

1 Washer (4,5)

1 Spring housing (4,5)

Circlip 8x0.8 (4,5)

Model plate MS 250 C (4,5)

4 Pan head self-tapping screw IS-D5x24 (4,5)

Carrier (4,5)

Washer (4,5)

Drawing

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17 18

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1123 195 7200

1128 195 3500

1123 195 9001

1123 190 0700

1123 195 2000

0000 958 0806

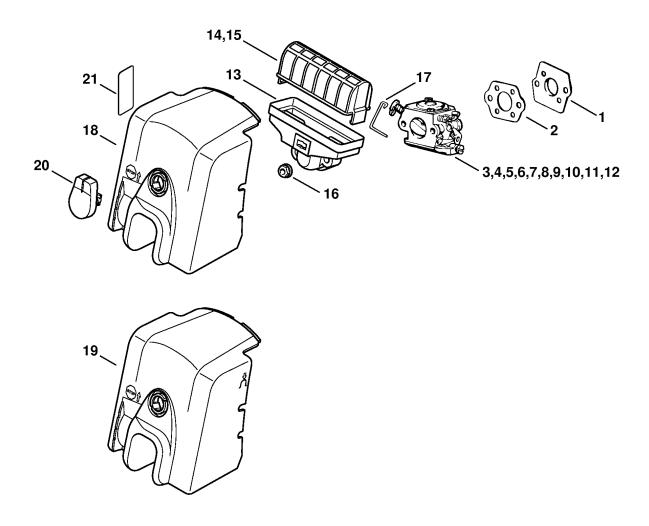
9455 621 0570

1123 967 1515

9075 478 4155

Reference	Item number	Qty	Description
	1123 080 2108	1	Fan housing with rewind starter (4,5)
			□ 1 - 4, 6 - 17
1	1123 080 1809	1	Fan housing (4,5)
			□ 2 - 4
2	1110 084 9102	1	Bushing (4,5)
3	1123 084 6501	1	Axle (4,5)
4	1123 084 7802	1	Segment (4,5)
5 *	1123 084 7800	1	Segment (4,5) (32.2004)
6	1123 190 0600	1	Rewind spring (4,5)
7	1123 195 0401	1	Rope rotor (4,5)
8	1121 195 3400	1	Starter grip (4,5)
9	4137 195 8200	1	Starter rope Ø 2.7x910 mm (4,5)
	0000 930 2281	1	Starter rope Ø 2.7 mm x 30.8 m (A,B) (4,5)
10	0000 958 0923	1	Washer (4,5)

⁽¹⁾ MS 250, (2) MS 250 C-B, (3) MS 250 C-B Z, (4) MS 250 C-BE, (5) MS 250 C-BE Z, (6) MS 250-Z



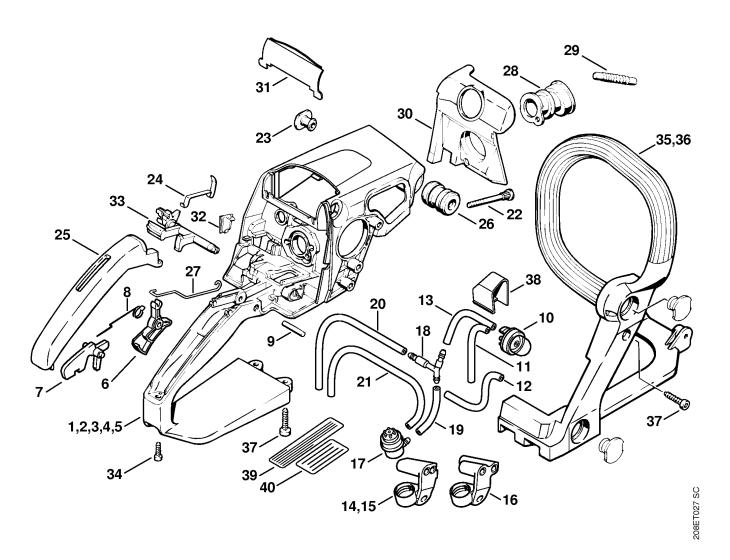
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Drawing L Air filter

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	Reference	се	Item number	Qty	Description
	1		1123 141 2000	1	Shim
	2		1123 129 0900	1	Gasket
	3		1123 120 0617	1	Carburetor C1Q-S91A (4)
	4		1123 120 0620	1	Carburetor C1Q-S92A (5) USA, AUS, CDN
	5		1123 120 0607	1	Carburetor C1Q-S85C (1) (17.2003)
	6		1123 120 0606	1	Carburetor C1Q-S84C (2,6) Easy start version
	7		1123 120 0605	1	Carburetor WT-215 (1) BR
	8	*	1123 120 0605	1	Carburetor WT-215 (1) (17.2003)
	9	*	1123 120 0615	1	Carburetor WT-286A (2,6) Easy start version (17.2003)
	10		1123 120 0603	1	Carburetor C1Q-S76B (6) USA, CDN
	11		1123 120 0602	1	Carburetor C1Q-S75B (3) USA, CDN Easy start version
	12		1123 120 0626	1	Carburetor C1Q-S107A (4) J
			1123 120 1650	1	Air filter (1,2,4)
					□ 13, 14, 16
			1123 120 1651	1	Air filter, flocked (3,5,6) USA, AUS, CDN
					□ 13, 15, 16
	13			1	Filter housing (D)
	14		1123 120 1612	1	Air filter (1,2,4)
	15		1123 120 1613	1	Air filter, flocked (3,5,6) USA, AUS, CDN
	16		9216 261 0700	2	Hexagon nut M5
	17		1123 185 2000	1	Choke rod
	18		1123 140 1902	1	Carburetor box cover
					□ 20
	19		1123 140 1904	1	Carburetor box cover (2,4) Europe
					□ 20
	20		1123 141 2301	1	Twist lock
	21		0000 967 3605	1	Warning pictogram Filler cap USA, CDN

 $(1) \ \mathsf{MS}\ 250, (2) \ \mathsf{MS}\ 250\ \mathsf{C-BE}, (3) \ \mathsf{MS}\ 250\ \mathsf{C-BE}\ \mathsf{Z}, (4) \ \mathsf{MS}\ 250\ \mathsf{C-BE}, (5) \ \mathsf{MS}\ 250\ \mathsf{C-BE}\ \mathsf{Z}, (6) \ \mathsf{MS}\ 250-\mathsf{Z}$

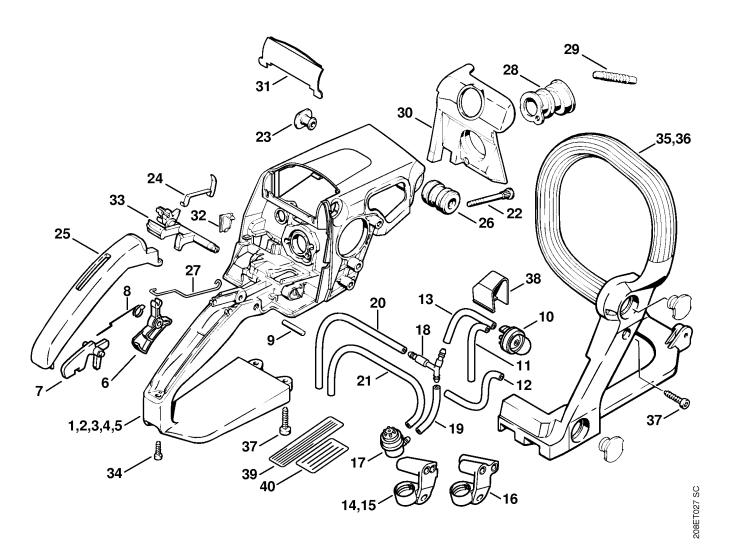
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Reference	Item number	Qty	Description
1	1123 790 1013	1	Handle housing (1,6)
			□ 22
2	1123 790 1004	1	Handle housing (2-6) Easy start version ☐ 22
3	1123 790 1017	1	Handle housing (1) BR
· ·	1120 100 1011	•	
4 *	1123 790 1017	1	Handle housing (1) (17.2003)
			□ 22
5 *	1123 790 1015	1	Handle housing (2,6) Easy start version (17.2003)
			□ 22
6	1128 182 1005	1	Throttle trigger
7	1117 182 0805	1	Trigger interlock
8	1117 182 4500	1	Torsion spring
9	9371 470 2640	1	Cylindrical pin 5x24
10	4130 350 6200	1	Fuel pump (2-6) Easy start version
11 *		1	Hose 2.2x5.4x68 mm (D) (1,6) Easy start version (17.2003)
40			
12		1	Hose 2.2x5.4x100 mm (D) (2-6) Easy start version
13	0000 020 2002	1	Hose 2.2x5.4x38 mm (D) (2-6) Easy start version
1.1	0000 930 2802 1123 123 7503	1	Hose 2.2x5.4 mm x 1 m (A,B) Grommet BR
14	1123 123 / 503	1	Gioinnet Dr.
15 *	1123 123 7503	1	Grommet (17.2003)
16	1123 123 7504	1	Grommet
17	0000 350 5802	1	Tank vent
.,	3333 333 3332	•	· will rails

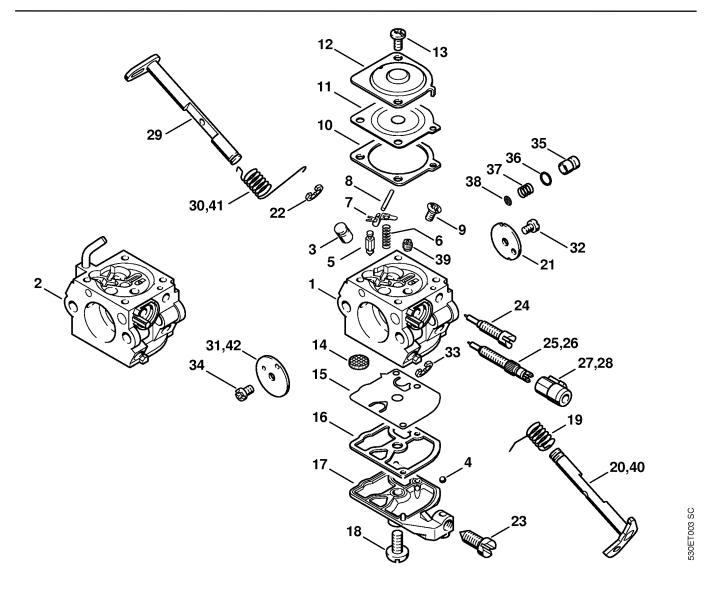
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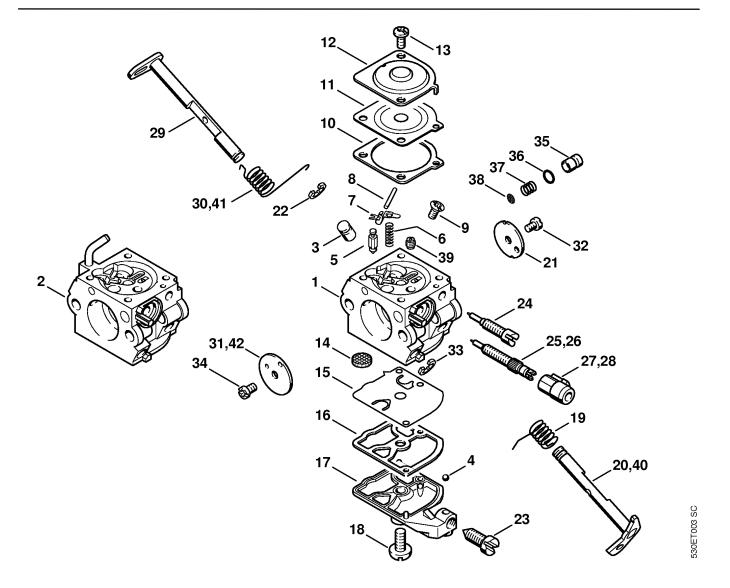
Reference	Item number	Qty	Description
18	1123 353 2700	1	Connector
19		1	Hose 3.1x5.7x48 mm (D) (2-6) Easy start version
20		1	Hose 3.1x5.7x106 mm (D) (2-6) Easy start version
21		1	Hose 3.1x5.7x166 mm (D) (1,6)
	0000 930 2803	1	Hose 3.1x5.7 mm x 1 m (A,B)
22	1125 122 6600	2	Collar screw
23	1123 791 7310	1	Plug
24	1123 442 1602	1	Contact spring
25	1123 791 0600	1	Handle molding
26	1123 791 2805	1	Annular buffer
27	1123 182 1505	1	Throttle rod
28	1123 141 2200	1	Manifold
29	1123 141 8600	1	Impulse hose
30	1123 141 5600	1	Baffle plate
31	1123 141 4001	1	Slide
32	1123 791 7500	1	Cover
33	1123 182 0901	1	Switch shaft
34	9075 478 3015	1	Pan head self-tapping screw IS-D4x15
35	1123 791 1700	1	Handlebar (1,2,3,6)
36	1123 791 1701	1	Handlebar (4,5)
37	9075 478 4155	3	Pan head self-tapping screw IS-D5x24
38	1123 353 7000	1	Cover (2-6) Easy start version
39	0000 967 3500	1	Instruction label USA
40	0000 967 3685	1	Instruction label BR

 $^{(1) \ \}mathsf{MS}\ 250, (2) \ \mathsf{MS}\ 250\ \mathsf{C-BE}, (3) \ \mathsf{MS}\ 250\ \mathsf{C-BE}\ \mathsf{Z}, (4) \ \mathsf{MS}\ 250\ \mathsf{C-BE}, (5) \ \mathsf{MS}\ 250\ \mathsf{C-BE}\ \mathsf{Z}, (6) \ \mathsf{MS}\ 250-\mathsf{Z}$



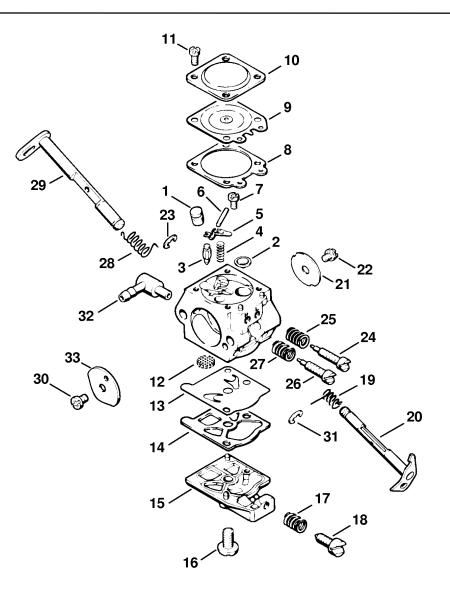
Reference	Item number	Qty	Description
1	1123 120 0607	1	Carburetor C1Q-S85C (1) (17.2003)
			□ 3 - 25, 27, 29 - 39
2	1123 120 0606	1	Carburetor C1Q-S84C (2,6) Easy start version
			□ 3 - 19, 21 - 25, 27, 29, 32 - 42
3	1123 121 5401	1	Valve jet (1,2,6)
4	1125 122 4200	1	Ball (1,2,6)
5	4116 121 5100	1	Inlet needle (1,2,6)
6	1129 122 3001	1	Spring (1,2,6)
7	1125 121 5000	1	Inlet control lever (1,2,6)
8	1120 121 9200	1	Spindle (1,2,6)
9	1120 122 6600	1	Collar screw (1,2,6)
10	1123 129 0901	1	Gasket (1,2,6)
11	1123 121 4700	1	Metering diaphragm (1,2,6)
12	1123 121 0801	1	End cover (1,2,6)
13	4132 122 6600	2	Collar screw (1,2,6)
14	1123 121 7800	1	Strainer (1,2,6)
15	1129 121 4800	1	Pump diaphragm (1,2,6)
16	1123 129 0905	1	Gasket (1,2,6)
17	1123 121 0800	1	End cover (1,2,6)
18	1120 122 7800	1	Oval head screw (1,2,6)
19	1123 122 3000	1	Spring (1,2,6)
20	1123 120 7103	1	Throttle shaft with lever (1)

⁽¹⁾ MS 250, (2) MS 250 C-B, (3) MS 250 C-B Z, (4) MS 250 C-BE, (5) MS 250 C-BE Z, (6) MS 250-Z



Reference	Item number	Qty	Description
21	1123 121 3303	1	Throttle shutter (1,2,6)
22	1125 122 9001	1	E-clip (1,2,6)
23	1123 122 6200	1	Idle speed adjustment screw (1,2,6)
24	1129 122 6802	1	Low speed adjustment screw (1,2,6)
25	1123 122 6702	1	High speed adjustment screw (1,2,6)
26 >	× 1123 122 6701	1	High speed adjustment screw (1,2,6) (43.2004)
27	1123 121 2700	1	Cap (1,2,6)
28 >	× 1129 121 2701	1	Cap (1,2,6) (43.2004)
29	1123 120 7200	1	Choke shaft with lever (1,2,6)
30	1123 122 3203	1	Torsion spring (1,2,6)
31	1132 121 2901	1	Choke shutter (1,2,6)
32	1120 122 7400	1	Round head screw (1,2,6)
33	1125 122 9002	1	E-clip (1,2,6)
34	1125 122 7403	1	Round head screw (1,2,6)
	1123 120 9700	1	Pump piston kit (1,2,6) □ 35 - 37
*	k 1137 120 9700	1	Pump piston kit (1,2,6) (54.2007) □ 35 - 37
35		1	Pump piston (D) (1,2,6)
36		1	Sealing ring (D) (1,2,6)
37		1	Spring (D) (1,2,6)
38	1132 121 7800	1	Strainer (1,2,6)
39	1132 121 5600	1	Fixed jet 0.48 (1,2,6)
40	1123 120 7102	1	Throttle shaft with lever (2,6) Easy start version
41	1123 122 3202	1	Torsion spring (2,6) Easy start version
42	1123 121 2904	1	Choke shutter (2,6) Easy start version
	1123 007 1060	1	Set of carburetor parts (1,2,6) □ 10, 11, 15, 16

(1) MS 250, (2) MS 250 C-B, (3) MS 250 C-B Z, (4) MS 250 C-BE, (5) MS 250 C-BE Z, (6) MS 250-Z

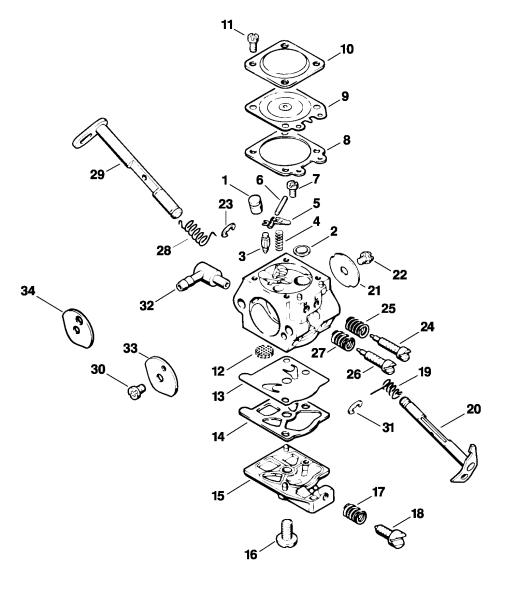


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	Reference	Item number	Qty	Description
		1123 120 0605	1	Carburetor WT-215 (1)
				□ 1 - 33
	1	1115 121 5401	1	Valve jet (1)
	2	4117 122 9402	1	Plug (1)
	3	4116 121 5100	1	Inlet needle (1)
	4	1120 122 3001	1	Spring (1)
	5	1113 121 5000	1	Inlet control lever (1)
	6	1113 121 9200	1	Spindle (1)
	7	1114 122 7400	1	Round head screw (1)
	8	1120 129 0900	1	Gasket (1)
	9	1113 121 4705	1	Metering diaphragm (1)
	10	1113 121 0800	1	End cover (1)
	11	1106 122 7400	4	Round head screw (1)
	12	1114 121 7800	1	Strainer (1)
	13	1121 121 4801	1	Pump diaphragm (1)
	14	1120 129 0905	1	Gasket (1)
	15	1123 121 0802	1	End cover (1)
	16	1114 122 7100	1	Screw (1)
	17	4117 122 3006	1	Spring (1)
	18	1123 122 6201	1	Idle speed adjustment screw (1)
	19	1113 122 3205	1	Torsion spring (1)
	20	1123 120 7101	1	Throttle shaft with lever (1)
	21	1123 121 3301	1	Throttle shutter (1)
	22	1115 122 7400	1	Round head screw (1)
	23	1117 122 9000	1	E-clip (1)
	24	1123 122 6801	1	Low speed adjustment screw (1)
	25	1115 122 3002	1	Spring (1)
	26	1118 122 6700	1	High speed adjustment screw (1)
	27	4117 122 3007	1	Spring (1)
	28	1123 122 3201	1	Torsion spring (1)
	29	1123 120 7201	1	Choke shaft with lever (1)
	30	1110 122 7400	1	Round head screw (1)
	31	1123 122 9000	1	E-clip (1)
	32	1123 122 3900	1	Elbow connector (1)
	33	1123 121 2901	1	Choke shutter (1)
		1123 007 1061	1	Set of carburetor parts (1)
				□ 8, 9, 13, 14

 $(1) \ \mathsf{MS}\ 250, (2) \ \mathsf{MS}\ 250\ \mathsf{C-BE}, (3) \ \mathsf{MS}\ 250\ \mathsf{C-BE}\ \mathsf{Z}, (4) \ \mathsf{MS}\ 250\ \mathsf{C-BE}, (5) \ \mathsf{MS}\ 250\ \mathsf{C-BE}\ \mathsf{Z}, (6) \ \mathsf{MS}\ 250-\mathsf{Z}$

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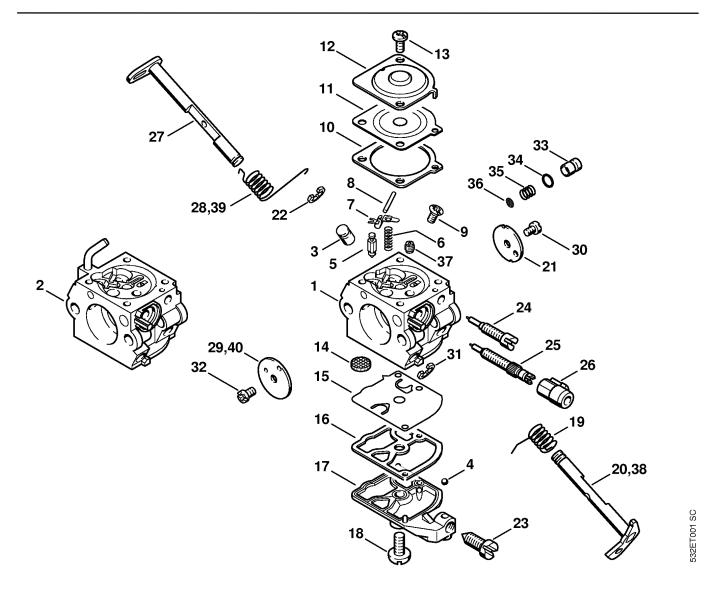


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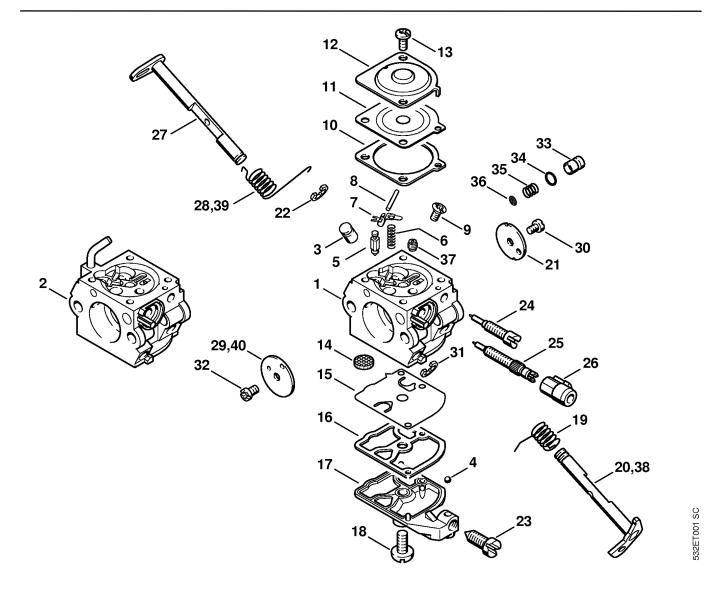
Reference	Item number	Qty	Description
*	1123 120 0605	1	Carburetor WT-215 (1) (17.2003) □ 1 - 33
*	1123 120 0615	1	Carburetor WT-286A (2,6) Easy start version (17.2003) □ 1 - 32, 34
1 *	1115 121 5401	1	Valve jet (1,2,6) (17.2003)
2 *	4117 122 9402	1	Plug (1,2,6) (17.2003)
3 *	4116 121 5100	1	Inlet needle (1,2,6) (17.2003)
4 *	1120 122 3001	1	Spring (1,2,6) (17.2003)
5 *	1113 121 5000	1	Inlet control lever (1,2,6) (17.2003)
6 *	1113 121 9200	1	Spindle (1,2,6) (17.2003)
7 *	1114 122 7400	1	Round head screw (1,2,6) (17.2003)
8 *	1120 129 0900	1	Gasket (1,2,6) (17.2003)
9 *	1113 121 4705	1	Metering diaphragm (1,2,6) (17.2003)
10 *	1113 121 0800	1	End cover (1,2,6) (17.2003)
11 *	1106 122 7400	4	Round head screw (1,2,6) (17.2003)
12 *	1114 121 7800	1	Strainer (1,2,6) (17.2003)
13 *	1121 121 4801	1	Pump diaphragm (1,2,6) (17.2003)
14 *	1120 129 0905	1	Gasket (1,2,6) (17.2003)
15 *	1123 121 0802	1	End cover (1,2,6) (17.2003)
16 *	1114 122 7100	1	Screw (1,2,6) (17.2003)
17 *	4117 122 3006	1	Spring (1,2,6) (17.2003)
18 *	1123 122 6201	1	Idle speed adjustment screw (1,2,6) (17.2003)
19 *	1113 122 3205	1	Torsion spring (1,2,6) (17.2003)
20 *	1123 120 7101	1	Throttle shaft with lever (1,2,6) (17.2003)
21 *	1123 121 3301	1	Throttle shutter (1,2,6) (17.2003)
	1115 122 7400	1	Round head screw (1,2,6) (17.2003)
23 *	1117 122 9000	1	E-clip (1,2,6) (17.2003)
	1123 122 6801	1	Low speed adjustment screw (1,2,6) (17.2003)
		1	Spring (1,2,6) (17.2003)
	1118 122 6700	1	High speed adjustment screw (1,2,6) (17.2003)
	4117 122 3007	1	Spring (1,2,6) (17.2003)
28 *	1123 122 3201	1	Torsion spring (1,2,6) (17.2003)
29 *	1123 120 7201	1	Choke shaft with lever (1,2,6) (17.2003)
30 *	1110 122 7400	1	Round head screw (1,2,6) (17.2003)
31 *	1123 122 9000	1	E-clip (1,2,6) (17.2003)
32 *	1123 122 3900	1	Elbow connector (1,2,6) (17.2003)
33 *	1123 121 2901	1	Choke shutter (1) (17.2003)
34 *	1123 121 2902	1	Choke shutter (2,6) Easy start version (17.2003)
*	1123 007 1061	1	Set of carburetor parts (1,2,6) (17.2003)
			□ 8, 9, 13, 14

(1) MS 250, (2) MS 250 C-B, (3) MS 250 C-B Z, (4) MS 250 C-BE, (5) MS 250 C-BE Z, (6) MS 250-Z



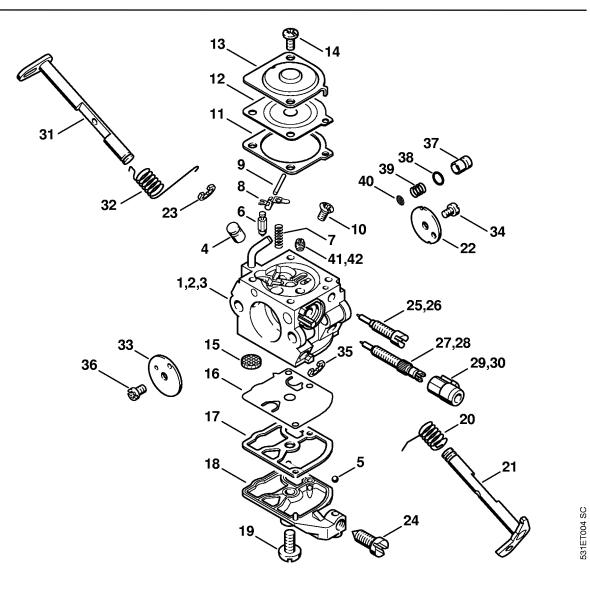
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	Reference	Item number	Qty	Description
	1	1123 120 0603	1	Carburetor C1Q-S76B (6) □ 3 - 37
	2	1123 120 0602	1	Carburetor C1Q-S75B (3) Easy start version □ 3 - 19, 21 - 27, 30 - 40
	3	1123 121 5401	1	Valve jet (3,6)
	4	1125 122 4200	1	Ball (3,6)
	5	4116 121 5100	1	Inlet needle (3,6)
	6	1129 122 3001	1	Spring (3,6)
	7	1125 121 5000	1	Inlet control lever (3,6)
	8	1120 121 9200	1	Spindle (3,6)
	9	1120 122 6600	1	Collar screw (3,6)
	10	1123 129 0901	1	Gasket (3,6)
	11	1123 121 4700	1	Metering diaphragm (3,6)
	12	1123 121 0801	1	End cover (3,6)
	13	4132 122 6600	2	Collar screw (3,6)
	14	1123 121 7800	1	Strainer (3,6)
	15	1129 121 4800	1	Pump diaphragm (3,6)
	16	1123 129 0905	1	Gasket (3,6)
	17	1123 121 0800	1	End cover (3,6)
	18	1120 122 7800	1	Oval head screw (3,6)
	19	1123 122 3000	1	Spring (3,6)
	20	1123 120 7103	1	Throttle shaft with lever (6)

⁽¹⁾ MS 250, (2) MS 250 C-B, (3) MS 250 C-B Z, (4) MS 250 C-BE, (5) MS 250 C-BE Z, (6) MS 250-Z



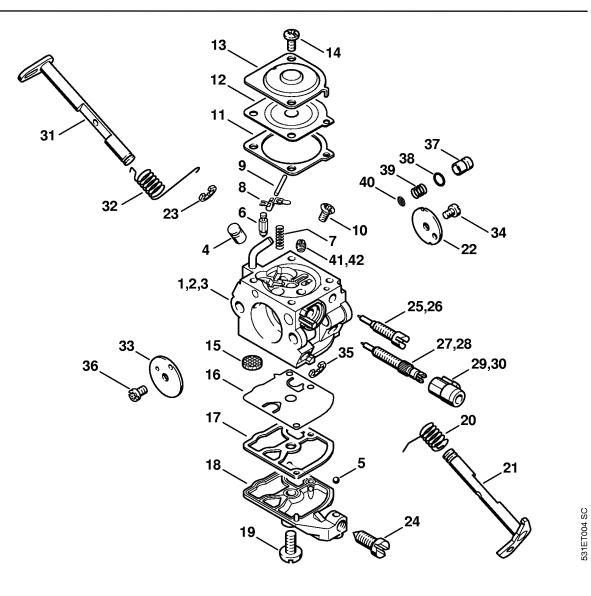
Reference	Item number	Qty	Description
21	1123 121 3303	1	Throttle shutter (3,6)
22	1125 122 9001	1	E-clip (3,6)
23	1123 122 6200	1	Idle speed adjustment screw (3,6)
24	1129 122 6802	1	Low speed adjustment screw (3,6)
25	1123 122 6701	1	High speed adjustment screw (3,6)
26	1129 121 2701	1	Cap (3,6)
27	1123 120 7200	1	Choke shaft with lever (3,6)
28	1123 122 3203	1	Torsion spring (3,6)
29	1132 121 2901	1	Choke shutter (3,6)
30	1120 122 7400	1	Round head screw (3,6)
31	1125 122 9002	1	E-clip (3,6)
32	1125 122 7403	1	Round head screw (3,6)
	1123 120 9700	1	Pump piston kit (3,6) □ 33 - 35
*	1137 120 9700	1	Pump piston kit (3,6) (54.2007) □ 33 - 35
33		1	Pump piston (D) (3,6)
34		1	Sealing ring (D) (3,6)
35		1	Spring (D) (3,6)
36	1132 121 7800	1	Strainer (3,6)
37	4228 121 5600	1	Fixed jet 0.43 (3,6)
38	1123 120 7102	1	Throttle shaft with lever (3) Easy start version
39	1123 122 3202	1	Torsion spring (3) Easy start version
40	1123 121 2904	1	Choke shutter (3) Easy start version
	1123 007 1060	1	Set of carburetor parts (3,6) □ 10, 11, 15, 16

(1) MS 250, (2) MS 250 C-B, (3) MS 250 C-B Z, (4) MS 250 C-BE, (5) MS 250 C-BE Z, (6) MS 250-Z



Reference	Item number	Qty	Description
1	1123 120 0617	1	Carburetor C1Q-S91A (4)
			□ 4 - 25, 27, 29, 31 - 41
2	1123 120 0620	1	Carburetor C1Q-S92A (5) USA, AUS, CDN
			□ 4 - 25, 28, 30 - 40, 42
3	1123 120 0626	1	Carburetor C1Q-S107A (4) J
			□ 4 - 24, 26, 27, 29, 31 - 41
4	1123 121 5401	1	Valve jet (4,5)
5	1125 122 4200	1	Ball (4,5)
6	4116 121 5100	1	Inlet needle (4,5)
7	1129 122 3001	1	Spring (4,5)
8	1125 121 5000	1	Inlet control lever (4,5)
9	1120 121 9200	1	Spindle (4,5)
10	1120 122 6600	1	Collar screw (4,5)
11	1123 129 0901	1	Gasket (4,5)
12	1123 121 4700	1	Metering diaphragm (4,5)
13	1123 121 0801	1	End cover (4,5)
14	4132 122 6600	2	Collar screw (4,5)
15	1123 121 7800	1	Strainer (4,5)
16	1129 121 4800	1	Pump diaphragm (4,5)
17	1123 129 0905	1	Gasket (4,5)
18	1123 121 0800	1	End cover (4,5)
19	1120 122 7800	1	Oval head screw (4,5)
20	1123 122 3000	1	Spring (4,5)
21	1123 120 7102	1	Throttle shaft with lever (4,5)
22	1123 121 3305	1	Throttle shutter (4,5)
23	1125 122 9001	1	E-clip (4,5)
24	1123 122 6200	1	Idle speed adjustment screw (4,5)
25	1123 122 6803	1	Low speed adjustment screw (4,5)
26	1123 122 6805	1	Low speed adjustment screw (4) J

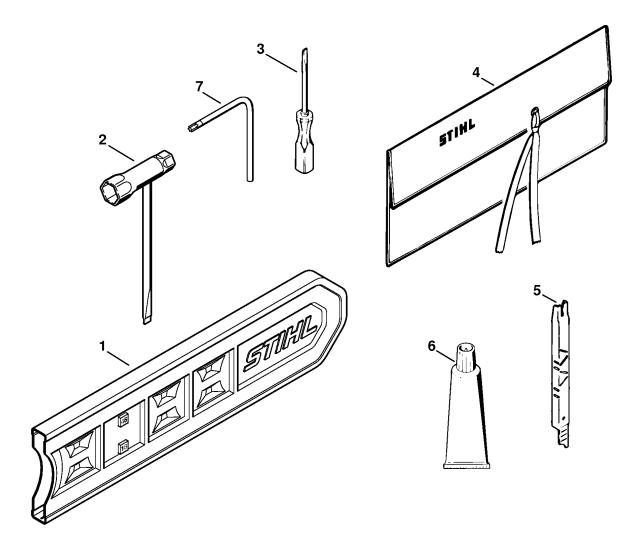
(1) MS 250, (2) MS 250 C-B, (3) MS 250 C-B Z, (4) MS 250 C-BE, (5) MS 250 C-BE Z, (6) MS 250-Z



Reference	Item number	Qty	Description
27	1123 122 6702	1	High speed adjustment screw (4,5)
28 *	1123 122 6701	1	High speed adjustment screw (4,5) (43.2004)
29	1123 121 2700	1	Cap (4,5)
30 *	1129 121 2701	1	Cap (4,5) (43.2004)
31	1123 120 7200	1	Choke shaft with lever (4,5)
32	1123 122 3202	1	Torsion spring (4,5)
33	1123 121 2904	1	Choke shutter (4,5)
34	1120 122 7400	1	Round head screw (4,5)
35	1125 122 9002	1	E-clip (4,5)
36	1125 122 7403	1	Round head screw (4,5)
	1123 120 9700	1	Pump piston kit (4,5) □ 37 - 39
*	1137 120 9700	1	Pump piston kit (4,5) (54.2007) □ 37 - 39
37		1	Pump piston (D) (4,5)
38		1	Sealing ring (D) (4,5)
39		1	Spring (D) (4,5)
40	1132 121 7800	1	Strainer (4,5)
41	1132 121 5600	1	Fixed jet 0.48 (4)
42	4228 121 5600	1	Fixed jet 0.43 (5) USA, AUS, CDN
	1123 007 1060	1	Set of carburetor parts (4,5) □ 11, 12, 16, 17

(1) MS 250, (2) MS 250 C-B, (3) MS 250 C-B Z, (4) MS 250 C-BE, (5) MS 250 C-BE Z, (6) MS 250-Z





Drawing S Tools, Extras

 Reference	Item number	Qty	Description
1	0000 792 9152	1	Chain scabbard
2	1129 890 3401	1	Combination wrench
3	0000 890 2300	1	Screwdriver
3	0000 890 2305	1	Screwdriver available in Brazil only
4	0000 891 0801	1	Tool roll (B)
5	1110 893 4000	1	Filing gauge (B)
6	0783 830 2000	1	Tube of sealant Dirko HT red (B)
7	0812 370 1000	1	Screwdriver T27x120x70 (B)
	0751 010 1110	1	Lead 10 m / 33' (A,B)

 $(1) \ \mathsf{MS}\ 250, (2) \ \mathsf{MS}\ 250\ \mathsf{C-BE}, (3) \ \mathsf{MS}\ 250\ \mathsf{C-BE}\ \mathsf{Z}, (4) \ \mathsf{MS}\ 250\ \mathsf{C-BE}, (5) \ \mathsf{MS}\ 250\ \mathsf{C-BE}\ \mathsf{Z}, (6) \ \mathsf{MS}\ 250-\mathsf{Z}$