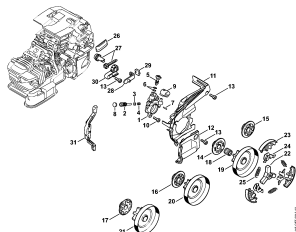
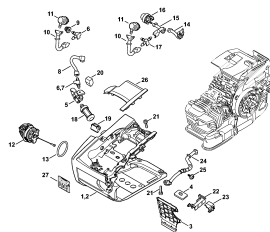


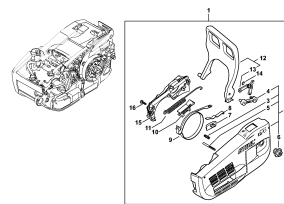
Crankcase, Cylinder,
Muffler



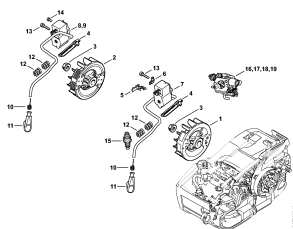
Oil pump, Clutch



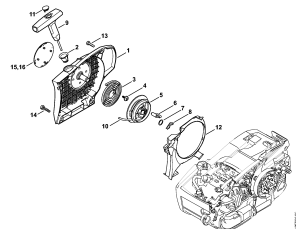
Tank housing



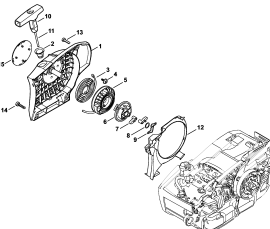
Chain sprocket cover,
Hand guard



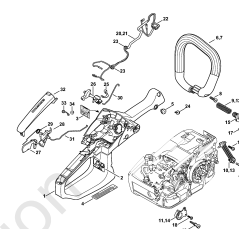
Ignition system



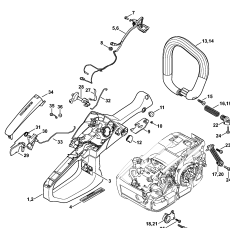
Rewind starter



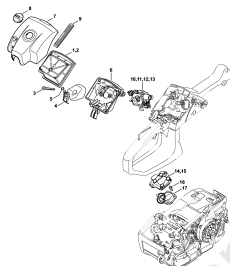
Rewind starter
ErgoStart/Easy2Start



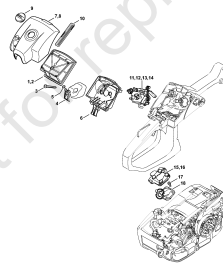
Handle housing, Handlebar



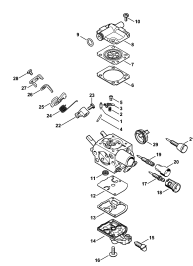
Handle housing, Handlebar
M-Tronic



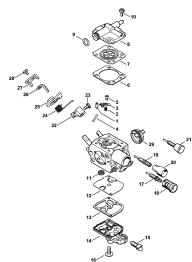
Air filter, Carburetor box
cover



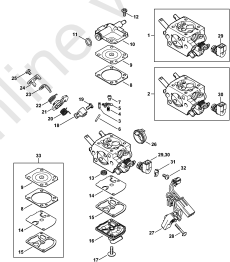
Air filter, Carburetor box
cover M-Tronic



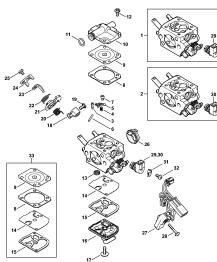
Carburetor C1Q-S280, C1Q-
S283



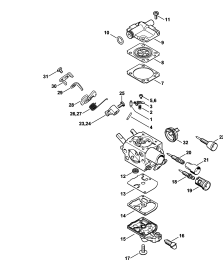
Carburetor C1Q-S281, C1Q-
S284



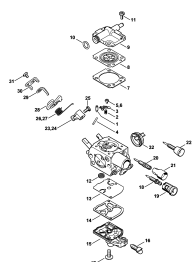
Carburetor 1145/23,
1145/26, C1Q-S273



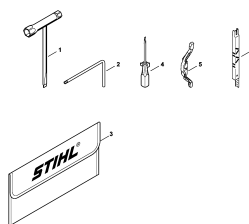
Carburetor 1145/21,
1145/25, C1Q-S272



Carburetor C1Q-S250, C1Q-
S248, C1Q-S214, C1Q-
S188



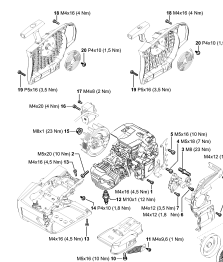
Carburetor C1Q-S251, C1Q-



Tools, Extras

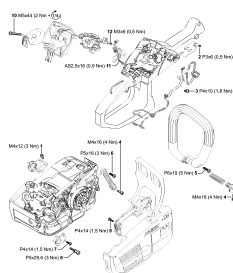


Serial number



Tightening torques

S249, C1Q-S215, C1Q-S189

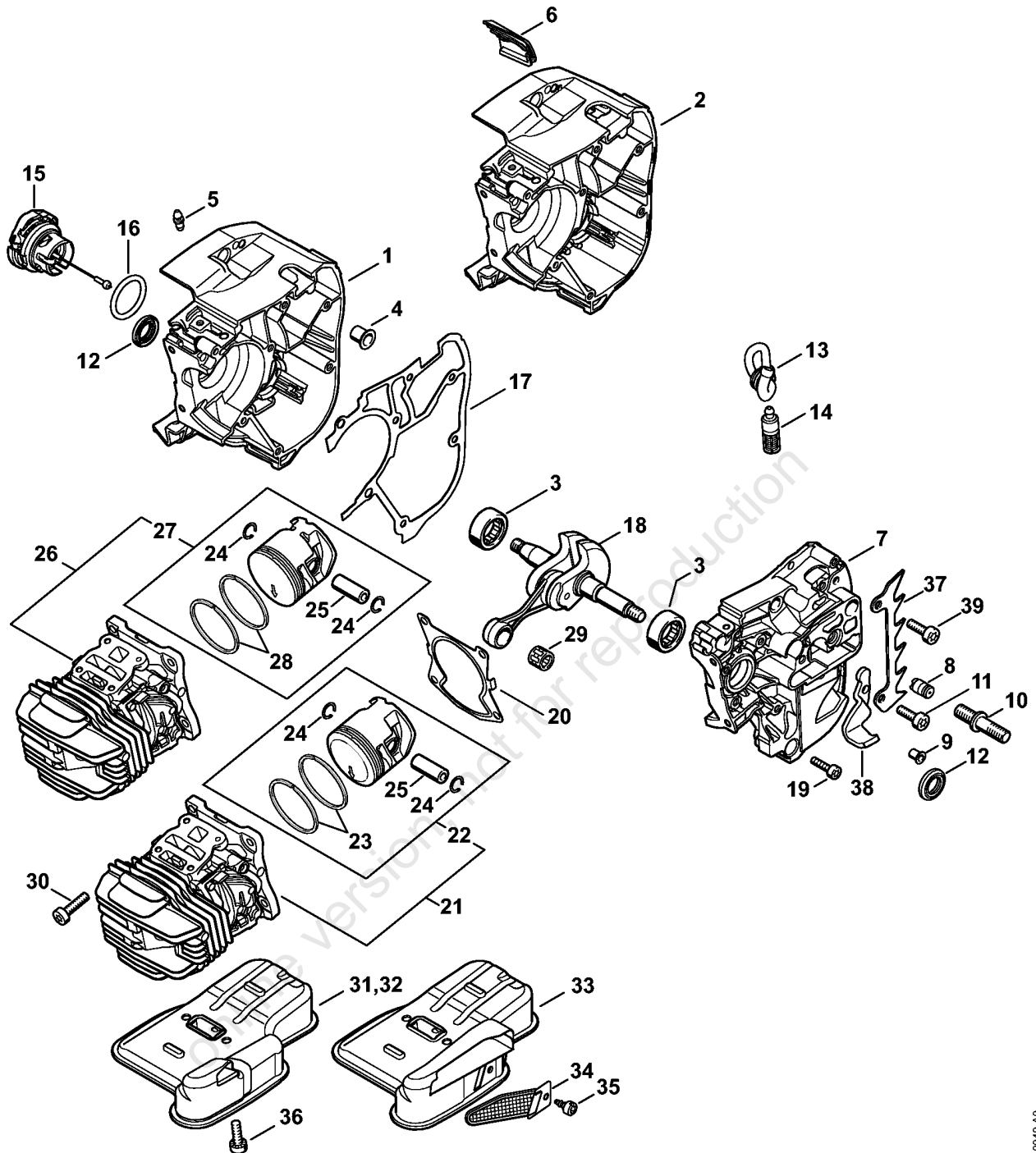


Tightening torques

online version, not for reproduction

MS 201, MS 201 C

Description	Technical Information
Crankcase, Cylinder, Muffler	
Oil pump, Clutch	
Tank housing	
Chain sprocket cover, Hand guard	
Ignition system	
Rewind starter	
Rewind starter ErgoStart/Easy2Start	
Handle housing, Handlebar	
Handle housing, Handlebar M-Tronic	
Air filter, Carburetor box cover	
Air filter, Carburetor box cover M-Tronic	
Carburetor C1Q-S280, C1Q-S283	
Carburetor C1Q-S281, C1Q-S284	
Carburetor 1145/23, 1145/26, C1Q-S273	
Carburetor 1145/21, 1145/25, C1Q-S272	
Carburetor C1Q-S250, C1Q-S248, C1Q-S214, C1Q-S188	
Carburetor C1Q-S251, C1Q-S249, C1Q-S215, C1Q-S189	
Tools, Extras	
Serial number	
Tightening torques	
Tightening torques	



1145-GET-0049-A0

Crankcase, Cylinder, Muffler

Reference	Item number	Qty	Description	Contains	Technical Information
1	1145 020 2602	1	Crankcase, fan side (1,2,3,8)	3 - 5, 12	
2	1145 020 2603	1	Crankcase, fan side (4,5,6,7)	3 - 5, 12	
3	9531 003 0105	2	Roller bearing 12x24.5x8.8		
4	1129 792 5500	1	Bushing		
5	0000 988 5218	1	Connector		
6	1145 021 1701	1	Cover (4,5,6,7)		
7	1145 020 2902	1	Crankcase	3, 8 - 12	
8	1128 640 9100	1	Valve		
9	9416 868 5631	1	Hollow rivet 5.5x0.5x6.8		
10	1143 664 2400	1	Collar screw M8		
11	1143 664 2402	1	Collar screw M5		
12	9640 003 1180	2	Oil seal 12x20x4		
13	1129 647 9400	1	Hose		
14	1123 640 3800	1	Pickup body		
15	0000 350 0536	1	Filler cap	16	
16	9645 948 2470	1	O-ring 23x3		
17	1145 029 0500	1	Gasket		
18	1145 030 0400	1	Crankshaft		25.2005
19	9022 313 0680	7	Pan head screw IS M4x16		
20	1145 029 2302	1	Cylinder gasket		
21	1145 020 1202	1	Cylinder with piston Ø 40 mm (4,5,6,7)	22 - 25	
22	1145 030 2005	1	Piston Ø 40 mm (4,5,6,7)	23 - 25	
23	1145 034 3001	2	Piston ring Ø 40x1,2 mm (4,5,6,7)		
24	9463 650 0900	2	Snap ring 9x0.8		
25	1145 034 1501	1	Piston pin 9x5.6x23		
26	* 1145 020 1200	1	Cylinder with piston Ø 40 mm (1,2,3,4,5,6,7,8)	24, 25, 27, 28	
27	* 1145 030 2001	1	Piston Ø 40 mm (1,2,3,4,5,6,7,8)	24, 25, 28	
28	* 4147 034 3003	2	Piston ring Ø 40x1.2 mm (1,2,3,4,5,6,7,8)		
29	9512 003 2032	1	Needle cage 9x12x10		
30	9022 371 1020	4	Spline screw IS-M5x20		
31	1145 140 0603	1	Muffler (5,7)		
32	* 1145 140 0601	1	Muffler (1,2,4,6)		
33	1145 140 0602	1	Muffler USA, CDN (3,5,7,8)	34, 35	

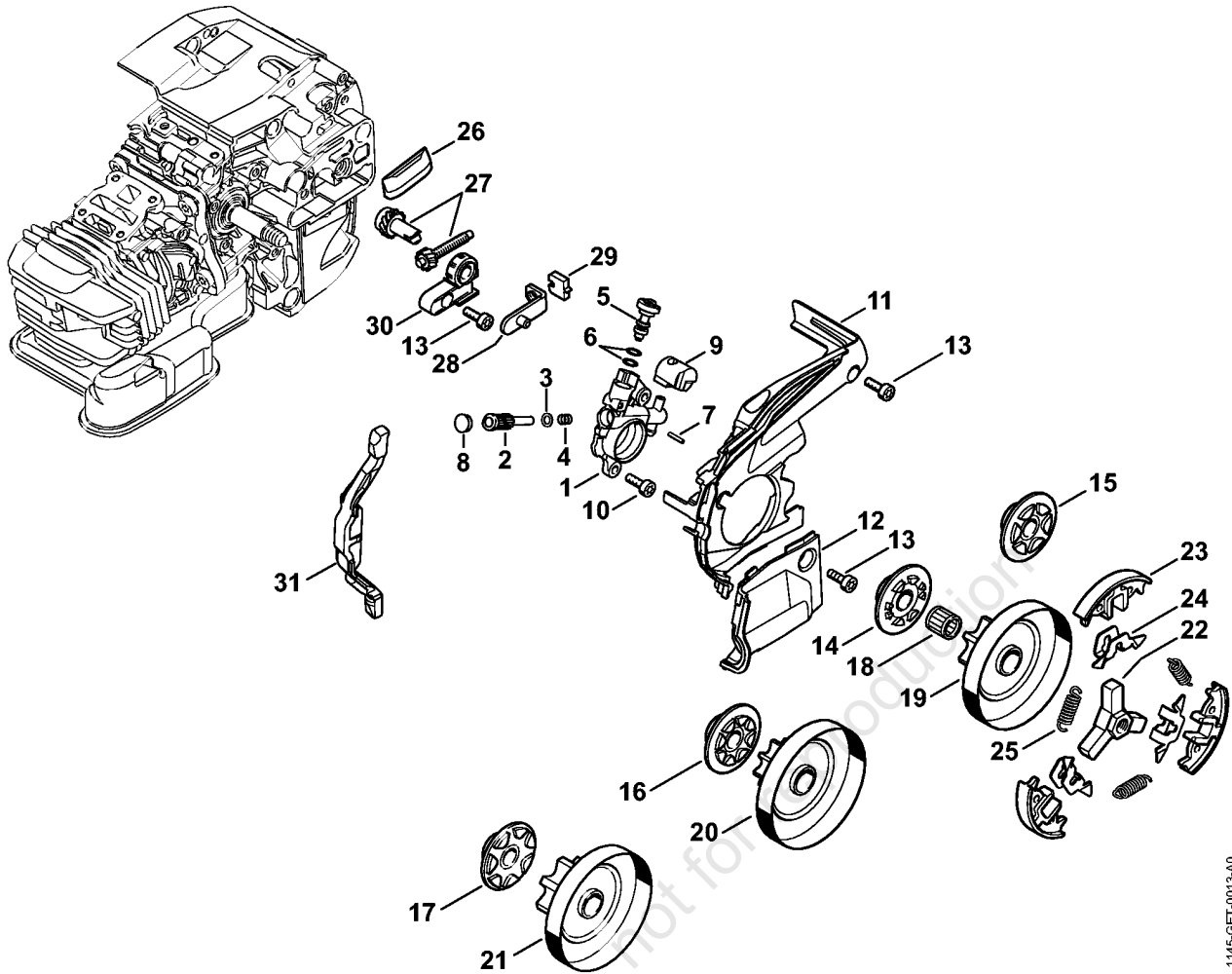
(1) MS 201, (2) MS 201 C-E, (3) MS 201 C-E Z, (4) MS 201 C-EM, (5) MS 201 C-EM Z, (6) MS 201 C-M, (7) MS 201 C-M Z, (8) MS 201-Z

Crankcase, Cylinder, Muffler

Reference	Item number	Qty	Description	Contains	Technical Information
34	1145 140 8100	1	Spark arresting screen USA, CDN (3,5,7,8)		
35	9039 475 0656	1	Self-tapping screw M4x9.6 USA, CDN (3,5,7,8)		
36	9022 341 0983	2	Spline screw IS-M5x16		
37	1129 664 0500	1	Bumper spike		
38	1145 656 7700	1	Chain catcher		
39	9022 341 0980	2	Spline screw IS-M5x16		
	1145 007 1601	1	Set of gaskets	12, 17, 20	

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Oil pump, Clutch

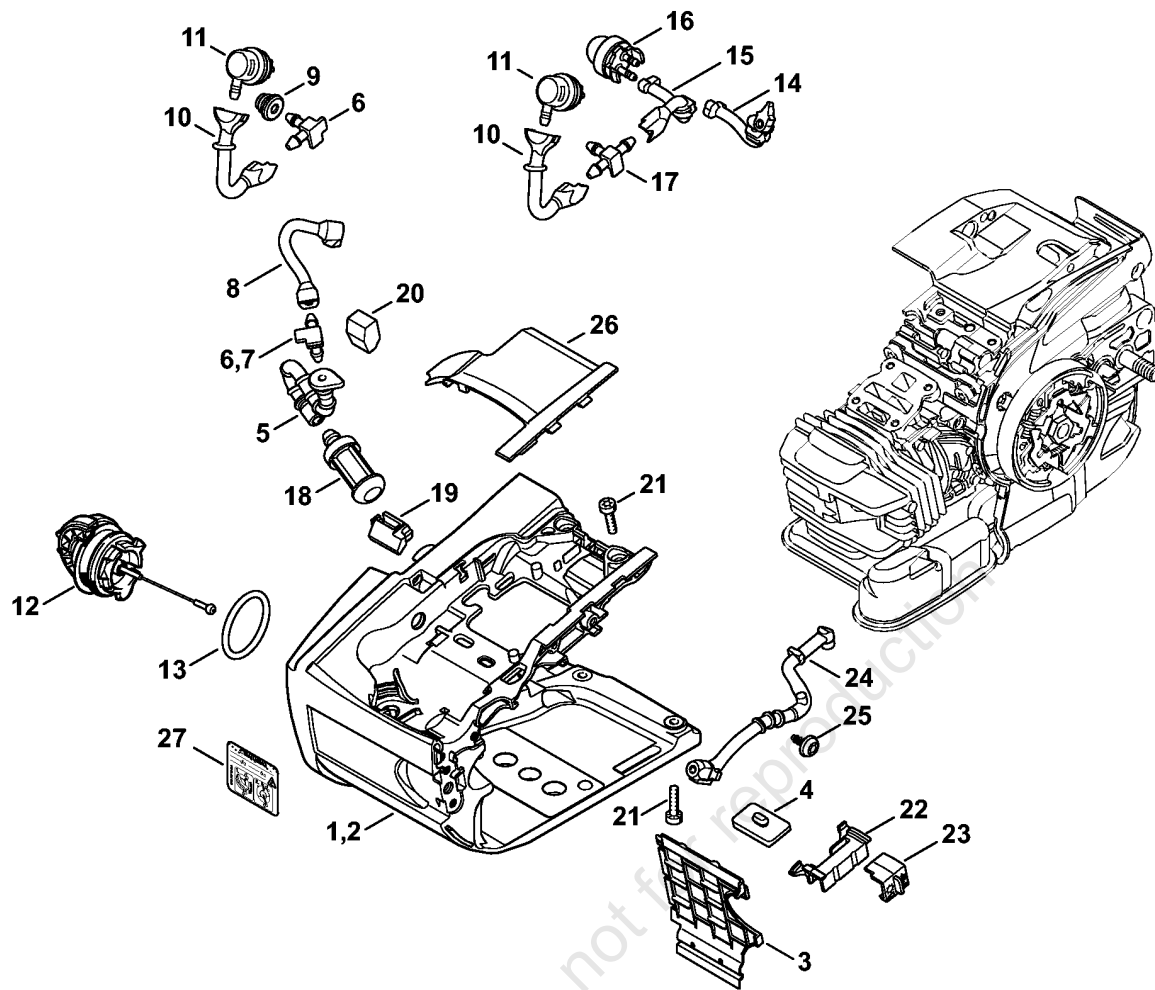


1145-GET-0013A0

Oil pump, Clutch

Reference	Item number	Qty	Description	Contains
1	1145 640 3200	1	Oil pump	2 - 9
2	1129 647 0600	1	Pump piston	
3	0000 958 0407	1	Washer	
4	0000 997 0617	1	Compression spring	
5	1145 647 4800	1	Control bolt	
6	9646 945 0160	2	O-ring 4x2	
7	9380 620 1090	1	Roll pin 2x10	
8	1129 647 7000	1	Plug	
9	1129 647 5701	1	Connector	
10	9022 346 0658	2	Spline screw IS-M4x12	
11	1145 021 1100	1	Cover	
12	1145 021 1102	1	Cover	
13	9022 313 0660	4	Spline screw IS-M4x12	
14	1146 640 7102	1	Worm gear 1/4" Picco / 3/8" Picco (4,5,6,7)	
15	1129 640 7100	1	Worm 3/8" Picco 6T (1,2,3,8)	
16	1129 640 7102	1	Worm 1/4" 8T (1)	
17	1129 640 7101	1	Worm gear 3/8" Picco 7T (B)	
18	9512 933 2270	1	Needle cage 10x13x13	
19	1145 640 2010	1	Chain sprocket 3/8" Picco 6T (1,2,3,4,5,6,7,8)	31
20	1145 640 2011	1	Chain sprocket 1/4" 8T (1,6)	31
21	1145 640 2050	1	Set of spur sprocket/worm 3/8" Picco 7T (B)	17, 31
	1145 640 2051	1	Set of spur sprocket/worm 1/4" 8T	16, 20, 31
22	1137 160 2001	1	Clutch	23 - 25
23	1137 162 0800	3	Clutch shoe	
24	1121 162 3000	3	Retainer	
25	0000 997 5605	3	Tension spring	
26	1123 648 6600	2	Bumper strip	
27	1129 007 1000	1	Spur gear / chain adjusting screw kit	
28	1129 640 1900	1	Tensioner slide	
29	1123 664 1400	1	Thrust pad	
30	1123 664 2200	1	Cover	
31	1145 893 5900	1	Locking strip (B)	

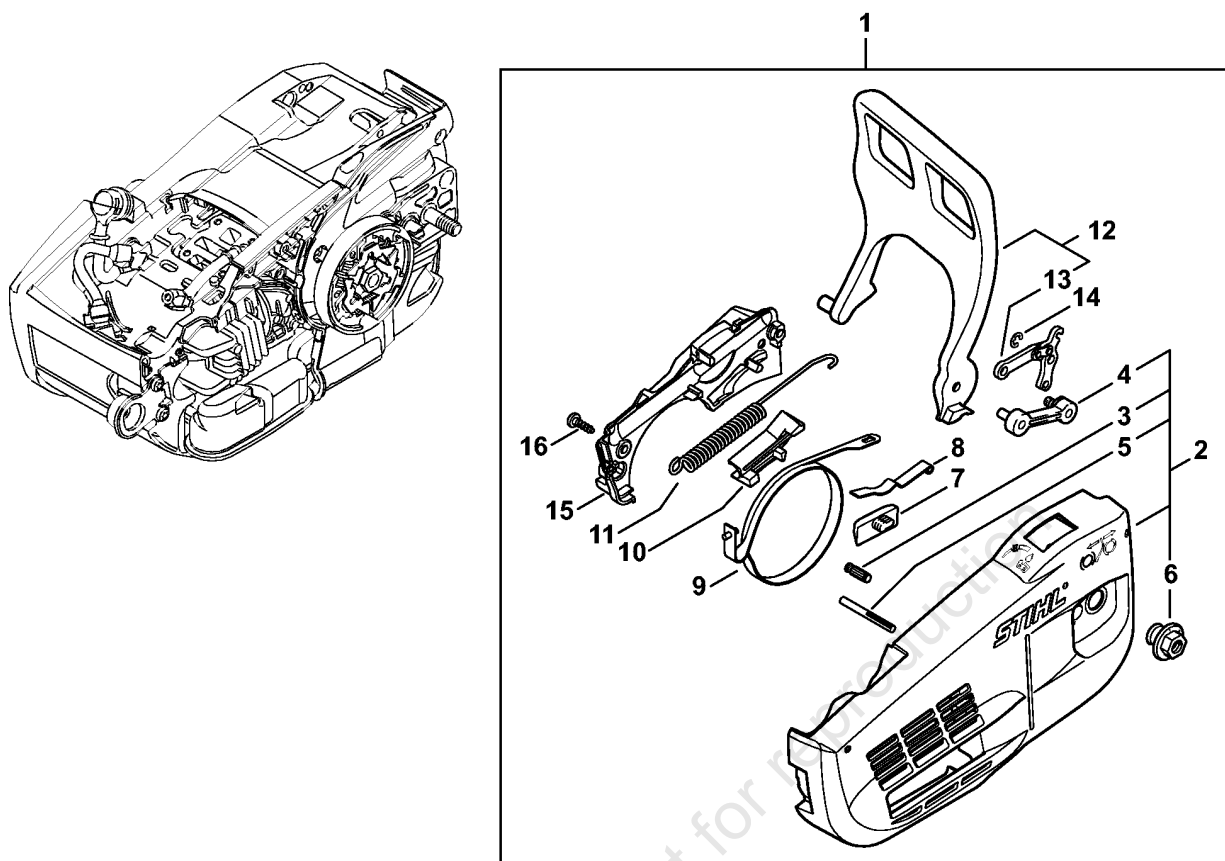
Tank housing



0013ET024 SC

Tank housing

Reference	Item number	Qty	Description	Contains
1	1145 350 0812	1	Tank housing (1,6,7,8)	3 - 6, 8 - 13, 18
2	1145 350 0822	1	Tank housing (2,3,4,5)	3 - 5, 7 - 18
3	1145 351 4000	1	Insulating plate	
4	1129 352 5500	1	Clamp	
5	1141 358 7708	1	Hose	
6	1145 122 3900	2	Elbow connector (1,6,7,8)	
7	1145 122 3900	1	Elbow connector (2,3,4,5)	
8	1145 358 7704	1	Hose	
9	1141 989 0600	1	Grommet	
10	1145 358 7706	1	Hose	
11	0000 350 5802	1	Tank vent	
12	0000 350 0534	1	Filler cap	13
13	9645 948 7734	1	O-ring 25x3.5	
14	1145 358 7700	1	Hose (2,3,4,5)	
15	1145 358 7708	1	Hose (2,3,4,5)	
16	0000 350 6201	1	Fuel pump (2,3,4,5)	
17	1145 353 2600	1	Elbow connector (2,3,4,5)	
18	0000 350 3522	1	Pickup body	
19	1145 352 5501	1	Clamp	
20	1145 791 5903	1	Stop buffer	
21	9022 313 0680	4	Pan head screw IS M4x16	
22	1145 793 3000	1	Slide	
23	1145 793 3002	1	Slide	
24	1145 141 8600	1	Hose	
25	9104 003 2960	1	Self-tapping screw P4x10	
26	1145 352 3001	1	Cover	
27	0000 967 7248	1	Warning pictogram Filler cap (3,5)	

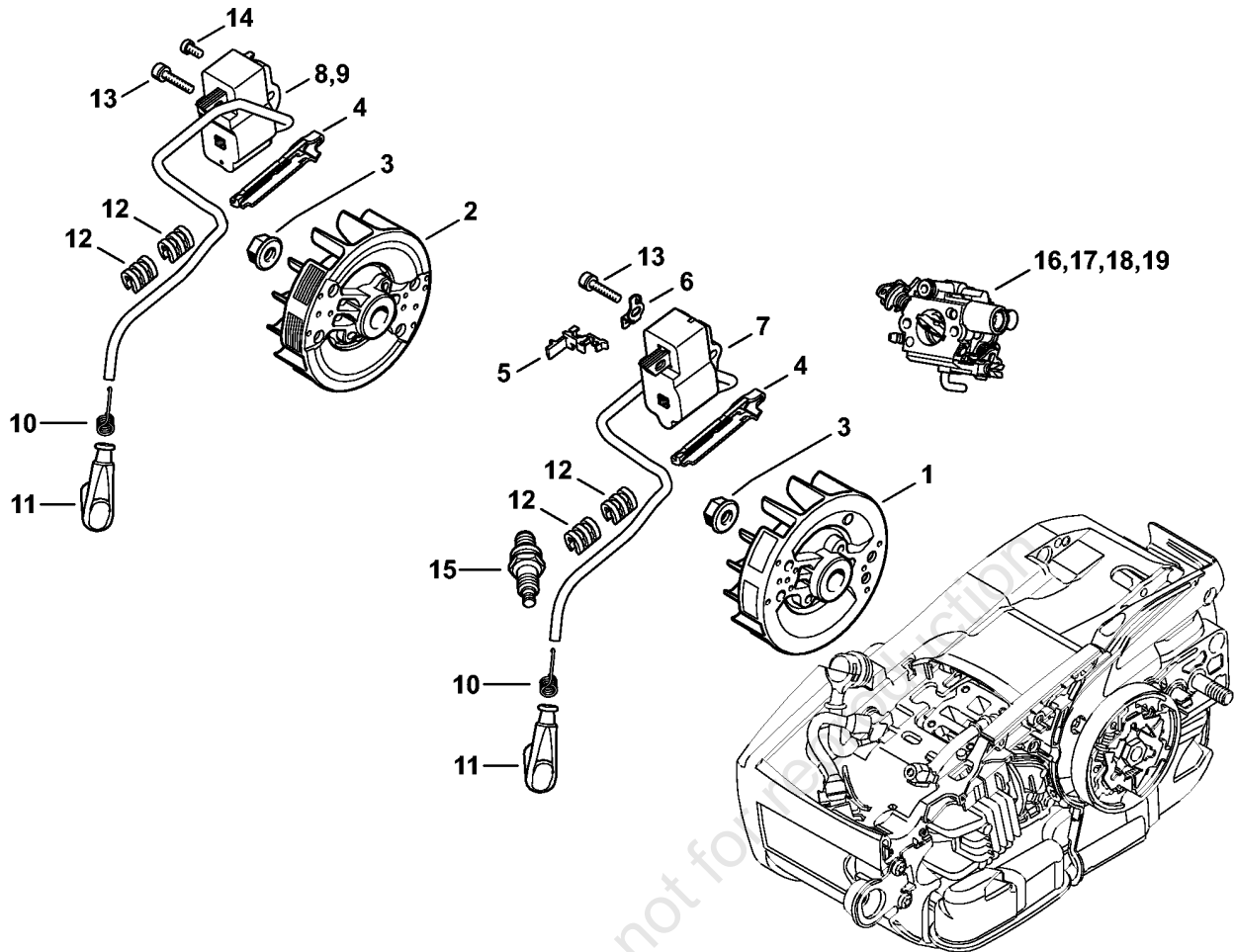


1145-GET-0008-A1

Chain sprocket cover, Hand guard

Reference	Item number	Qty	Description	Contains
1	1145 640 1701	1	Chain sprocket cover (1,2,4,6,7,8)	2 - 13
2	1145 640 1704	1	Chain sprocket cover (1,2,4,6,7,8)	3 - 6
3	1120 162 5200	1	Pin (1,2,4,6,7,8)	
4	1129 640 5000	1	Insert (1,2,4,6,7,8)	
5	9378 543 2220	1	Notched pin 5x40 (1,2,4,6,7,8)	
6	0000 995 0800	1	Collar nut M8 (1,2,4,6,7,8)	
7	1123 648 6600	1	Bumper strip (1,2,4,6,7,8)	
8	1129 162 7800	1	Flat spring (1,2,4,6,7,8)	
9	1145 160 5400	1	Brake band (1,2,4,6,7,8)	
10	1145 162 6600	1	Limit stop (1,2,4,6,7,8)	
11	1145 162 7900	1	Tension spring (1,2,4,6,7,8)	
12	1145 790 9101	1	Hand guard (1,2,4,6,7,8)	13
13	1128 160 5000	1	Lever (1,2,4,6,7,8)	
14	9460 624 0400	1	E-clip 4 (1,2,4,6,7,8)	
15	1145 648 7700	1	Cover (1,2,4,6,7,8)	
16	9104 003 3004	2	Self-tapping screw P4x14 (1,2,4,6,7,8)	

Ignition system

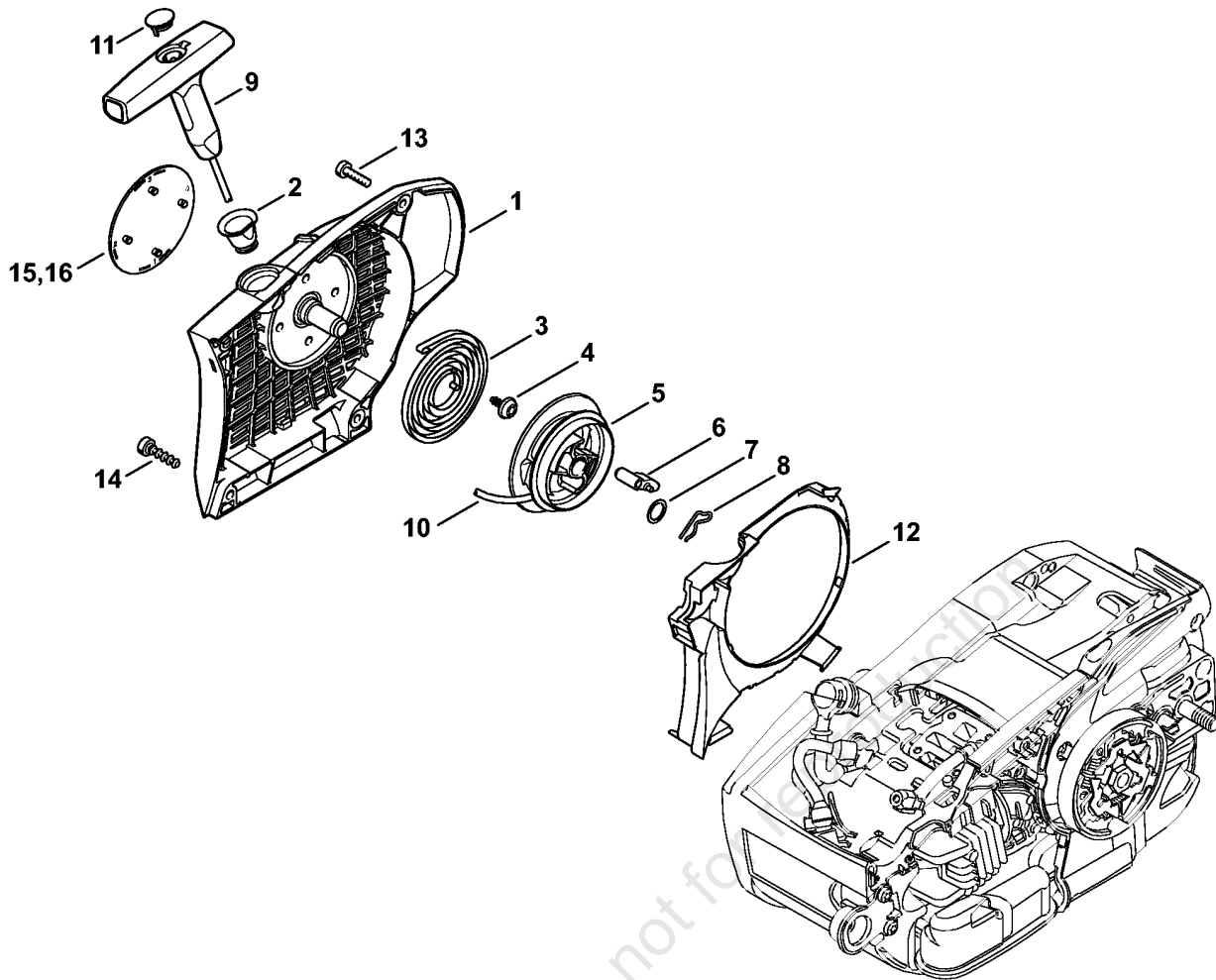


1145-GET-0020-A0

Ignition system

Reference	Item number	Qty	Description	Contains	Technical Information
1	1145 400 1202	1	Flywheel (1,2,3,8)		25.2005
2	1145 400 1201	1	Flywheel (4,5,6,7)		25.2005
3	0000 955 0802	1	Collar nut M8x1		
4	1145 021 1700	1	Cover		
5	0000 448 1204	1	Lead retainer (1,2,3,8)		
6	1145 431 2100	1	Connector tag (1,2,3,8)		
7	1145 400 1303	1	Ignition module (1,2,3,8)	10 - 12	
8	1145 400 4713	1	Control unit (4,5,6,7)	10 - 12	
9	* 1145 400 4702	1	Control unit (4,5,6,7)	10 - 12	83.2017
10	0000 998 0604	1	Spark plug contact spring		
11	0000 405 1007	1	Spark plug boot		
12	1130 448 1201	2	Lead retainer		
13	9022 341 0710	2	Spline screw IS-M4x20		
14	9022 313 0633	1	Spline screw IS-M4x8 (4,5,6,7)		
15	0000 400 7011	1	Spark plug NGK CMR6H		
	* 1145 007 1800	1	Service kit (B) (1,8)	1, 7, 10 - 12, 16	40.2013
	* 1145 007 1801	1	Repair kit (B) (2,3)	1, 7, 10 - 12, 17	40.2013
	* 1145 007 1802	1	Repair kit (B) (1,8)	1, 7, 10 - 12, 18	40.2013
	* 1145 007 1803	1	Repair kit (B) (2,3)	1, 7, 10 - 12, 19	40.2013
16	* 1145 120 0617	1	Carburetor C1Q-S280C (1,8)		
17	* 1145 120 0618	1	Carburetor C1Q-S281B (2,3)		
18	* 1145 120 0652	1	Carburetor C1Q-S283B (1,8)		40.2013
19	* 1145 120 0653	1	Carburetor C1Q-S284B (2,3)		40.2013

Rewind starter

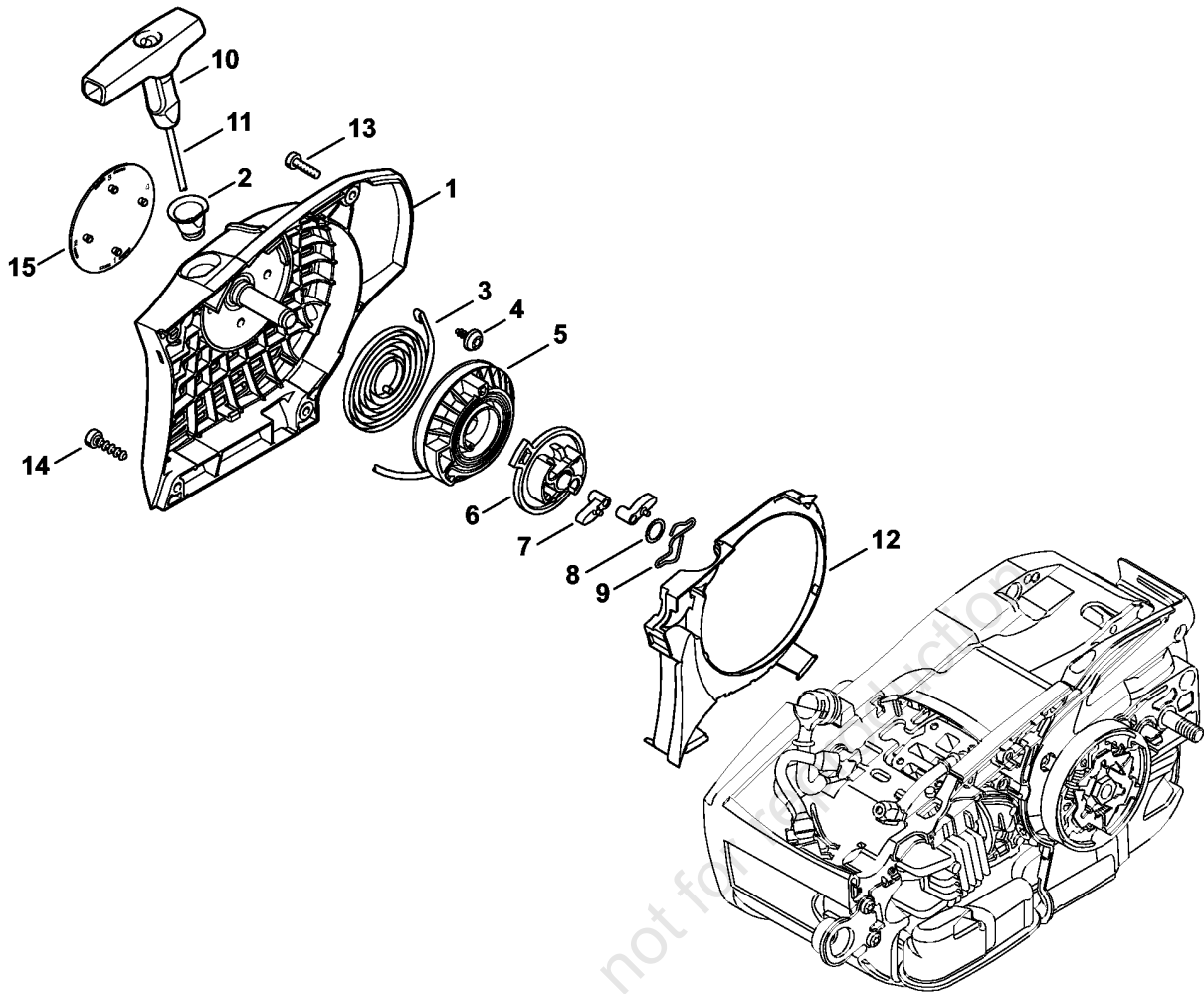


0013ET032 SC

Rewind starter

Reference	Item number	Qty	Description	Contains
	1145 080 2100	1	Fan housing with rewind starter (1,6,7,8)	1 - 12
1	1145 080 1800	1	Fan housing (1,6,7,8)	2
2	1110 084 9102	1	Bushing (1,6,7,8)	
3	1123 190 0600	1	Rewind spring (1,6,7,8)	
4	9104 003 2960	1	Self-tapping screw P4x10 (1,6,7,8)	
5	1123 195 0400	1	Rope rotor (1,6,7,8)	
6	1125 195 7200	1	Pawl (1,6,7,8)	
7	0000 958 0923	1	Washer (1,6,7,8)	
8	1118 195 3500	1	Spring (1,6,7,8)	
9	0000 190 3409	1	Starter grip ElastoStart Ø 3 mm (1,6,7,8)	10, 11
10	0000 195 8205	1	Starter rope Ø 3x750 mm (1,6,7,8)	
	0000 930 2208	1	Starter rope Ø 3 mm x 30.5 m (B) (1,6,7,8)	
	0000 930 2211	1	Starter rope Ø 3 mm x 60.8 m (B) (1,6,7,8)	
11	0000 195 7001	1	Cap (1,6,7,8)	
12	1145 084 7800	1	Segment (1,6,7,8)	
13	9022 313 0680	2	Pan head screw IS M4x16 (1,6,7,8)	
14	9074 477 4130	2	Pan head self-tapping screw IS-P5x16 (1,6,7,8)	
15	1145 967 1501	1	Model plate MS 201 (1,8)	
16	1145 967 1503	1	Model plate MS 201 C (6,7)	

Rewind starter ErgoStart/Easy2Start



0013ET006 SC

Rewind starter ErgoStart/Easy2Start

Reference	Item number	Qty	Description	Contains
	1145 080 2102	1	Fan housing with rewind starter (2,3,4,5)	1 - 12
1	1145 080 1806	1	Fan housing (2,3,4,5)	2
2	1110 084 9102	1	Bushing (2,3,4,5)	
3	1123 190 0600	1	Rewind spring (2,3,4,5)	
4	9104 003 2960	1	Self-tapping screw P4x10 (2,3,4,5)	
5	1145 190 1000	1	Rope rotor (2,3,4,5)	
6	1145 195 2000	1	Carrier (2,3,4,5)	
7	1123 195 7200	2	Pawl (2,3,4,5)	
8	0000 958 0923	1	Washer (2,3,4,5)	
9	1128 195 3500	1	Spring (2,3,4,5)	
10	1121 195 3400	1	Starter grip (2,3,4,5)	
11	0000 195 8207	1	Starter rope Ø 2.7x870 mm (2,3,4,5)	
12	1145 084 7802	1	Segment (2,3,4,5)	
13	9022 313 0680	2	Pan head screw IS M4x16 (2,3,4,5)	
14	9074 477 4130	2	Pan head self-tapping screw IS-P5x16 (2,3,4,5)	
15	1145 967 1503	1	Model plate MS 201 C (2,3,4,5)	



01.04.2021

Handle housing, Handlebar

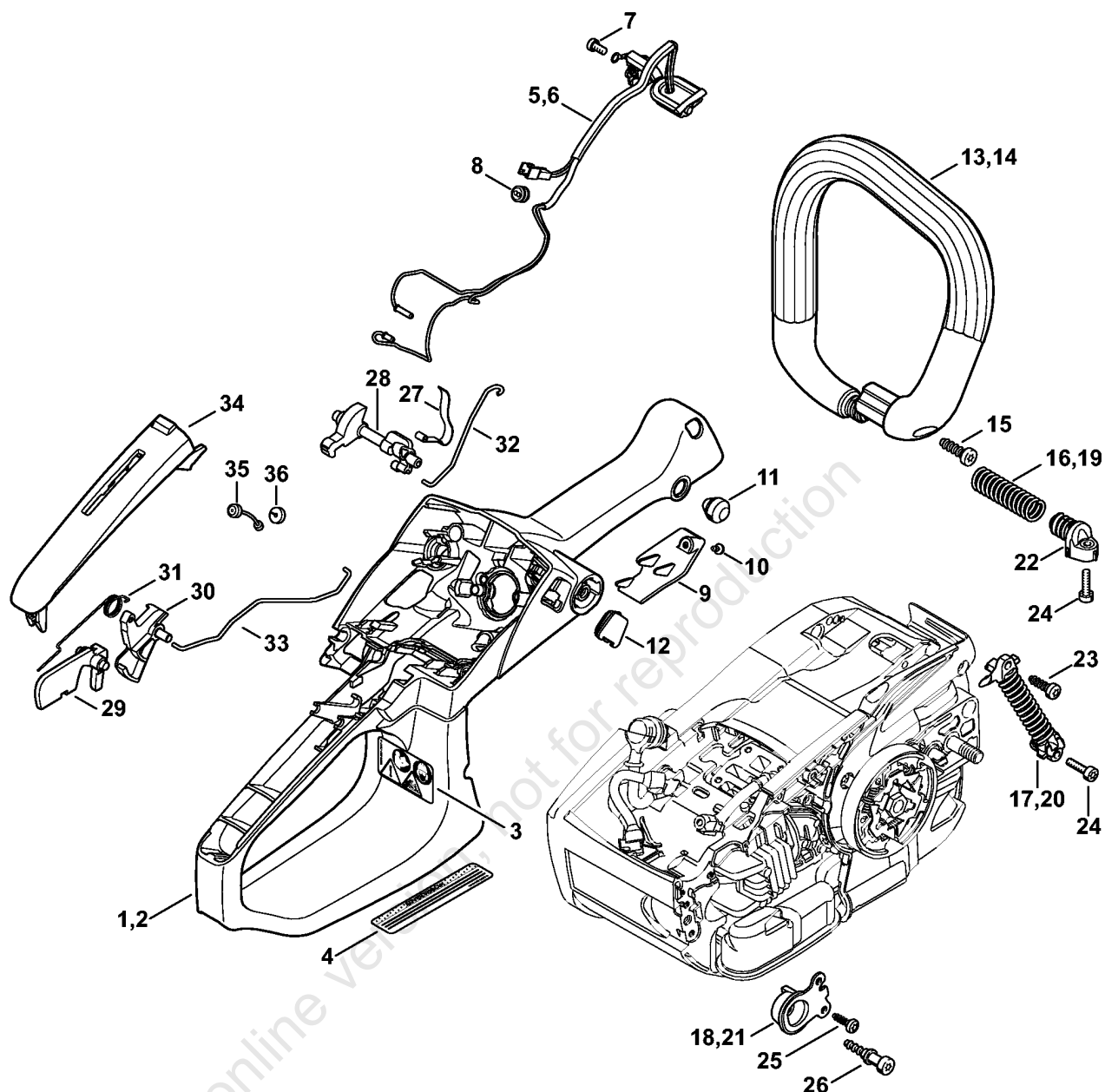
Reference	Item number	Qty	Description	Contains	Technical Information
1	1145 790 1050	1	Handle housing (1,2,3,8)	2, 20, 22, 24	
2	0000 967 7247	1	Warning pictogram MS (1,2,3,8)		
3	0000 967 7248	1	Warning pictogram Filler cap USA (3)		
4	0000 967 3579	1	Instruction label USA (3)		
5	1125 791 2810	1	Stop buffer (1,2,3,8)		
6	1145 791 1701	1	Handlebar (1,8)		
7	1145 791 1703	1	Handlebar (2,3)		
8	9074 478 4425	1	Pan head self-tapping screw IS-P6x19 (1,2,3,8)		
		1	AV system normal: (1,2,3,8)		
9	1137 791 3101	1	Spring (1,2,3,8)		
10	1145 790 8302	1	AV-Spring (1,2,3,8)		
11	1145 790 9901	1	Annular buffer (1,2,3,8)		
		1	AV system hard: (1,2,3,8)		
12	1145 791 3101	1	Spring (1)		35.2011
13	1145 790 8303	1	AV-Spring (1)		35.2011
14	1145 790 9902	1	Annular buffer (1)		35.2011
15	1145 790 3800	1	AV mount (1,2,3,8)		
16	9074 477 4130	1	Pan head self-tapping screw IS-P5x16 (1,2,3,8)		
17	9022 313 0679	2	Spline screw IS-M4x16 (1,2,3,8)		
18	9104 003 3004	2	Self-tapping screw P4x14 (1,2,3,8)		
19	1129 791 6100	1	Screw (1,2,3,8)		
20	1145 440 3004	1	Wiring harness (1,2,3,8)	22	
21	* 1145 440 3001	1	Wiring harness (1,2,3,8)	22	40.2012
22		1	Grommet (D) (1,2,3,8)		
23	0000 989 0813	2	Grommet (1,2,3,8)		
24	9104 003 2960	1	Self-tapping screw P4x10 (1,2,3,8)		
25	1125 442 1600	1	Contact spring (1,2,3,8)		
26	1145 182 0901	1	Switch shaft (1,2,3,8)		
27	1145 182 0801	1	Lockout lever (1,2,3,8)		
28	1145 182 1001	1	Throttle trigger (1,2,3,8)		
29	1129 182 4500	1	Torsion spring (1,2,3,8)		
30	1145 185 1901	1	Choke rod (1,2,3,8)		
31	1145 182 1501	1	Throttle rod (1,2,3,8)		

(1) MS 201, (2) MS 201 C-E, (3) MS 201 C-E Z, (4) MS 201 C-EM, (5) MS 201 C-EM Z, (6) MS 201 C-M, (7) MS 201 C-M Z, (8) MS 201-Z

Handle housing, Handlebar

Reference	Item number	Qty	Description	Contains	Technical Information
32	1145 791 0601	1	Handle molding (1,2,3,8)		
33	1145 790 8101	1	Retainer (1,2,3,8)		
34	1145 791 5901	1	Stop buffer (1,2,3,8)		

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(1) MS 201, (2) MS 201 C-E, (3) MS 201 C-E Z, (4) MS 201 C-EM, (5) MS 201 C-EM Z, (6) MS 201 C-M, (7) MS 201 C-M Z, (8) MS 201-Z

Handle housing, Handlebar M-Tronic

Reference	Item number	Qty	Description	Contains	Technical Information
1	1145 790 1027	1	Handle housing (4,6,7)	3	
2	1145 790 1029	1	Handle housing USA (5)	3, 4	
3	0000 967 7247	1	Warning pictogram MS (4,5,6,7)		
4	0000 967 3579	1	Instruction label USA (5)		
5	1145 440 3005	1	Wiring harness (4,5,6,7)	7	
6	* 1145 440 3003	1	Wiring harness (4,5,6,7)	7	83.2017
7	9022 319 0340	1	Screw IS-M3x8 (4,5,6,7)		
8	0000 989 0813	1	Grommet (4,5,6,7)		
9	1145 021 1703	1	Cover (4,5,6,7)		
10	9104 003 0410	1	Self-tapping screw P3x6 (4,5,6,7)		
11	1125 791 2810	1	Stop buffer (4,5,6,7)		
12	1145 647 9101	1	Grommet (4,5,6,7)		
13	1145 791 1701	1	Handlebar (6,7)		
14	1145 791 1703	1	Handlebar (4,5)		
15	9074 478 4425	1	Pan head self-tapping screw IS-P6x19 (4,5,6,7)		
		1	AV system normal: (4,5,6,7)		
16	1137 791 3101	1	Spring (4,5,6,7)		
17	1145 790 8302	1	AV-Spring (4,5,6,7)		
18	1145 790 9901	1	Annular buffer (4,5,6,7)		
		1	AV system hard: (6)		
19	1145 791 3101	1	Spring (6)		
20	1145 790 8303	1	AV-Spring (6)		
21	1145 790 9902	1	Annular buffer (6)		
22	1145 790 3800	1	AV mount (4,5,6,7)		
23	9074 477 4130	1	Pan head self-tapping screw IS-P5x16 (4,5,6,7)		
24	9022 313 0679	2	Spline screw IS-M4x16 (4,5,6,7)		
25	9104 003 3004	2	Self-tapping screw P4x14 (4,5,6,7)		
26	1129 791 6100	1	Screw (4,5,6,7)		
27	1145 442 1605	1	Contact spring (4,5,6,7)		
28	1145 182 0903	1	Switch shaft (4,5,6,7)		
29	1145 182 0801	1	Lockout lever (4,5,6,7)		
30	1145 182 1003	1	Throttle trigger (4,5,6,7)		
31	1129 182 4500	1	Torsion spring (4,5,6,7)		
32	1145 185 1905	1	Choke rod (4,5,6,7)		

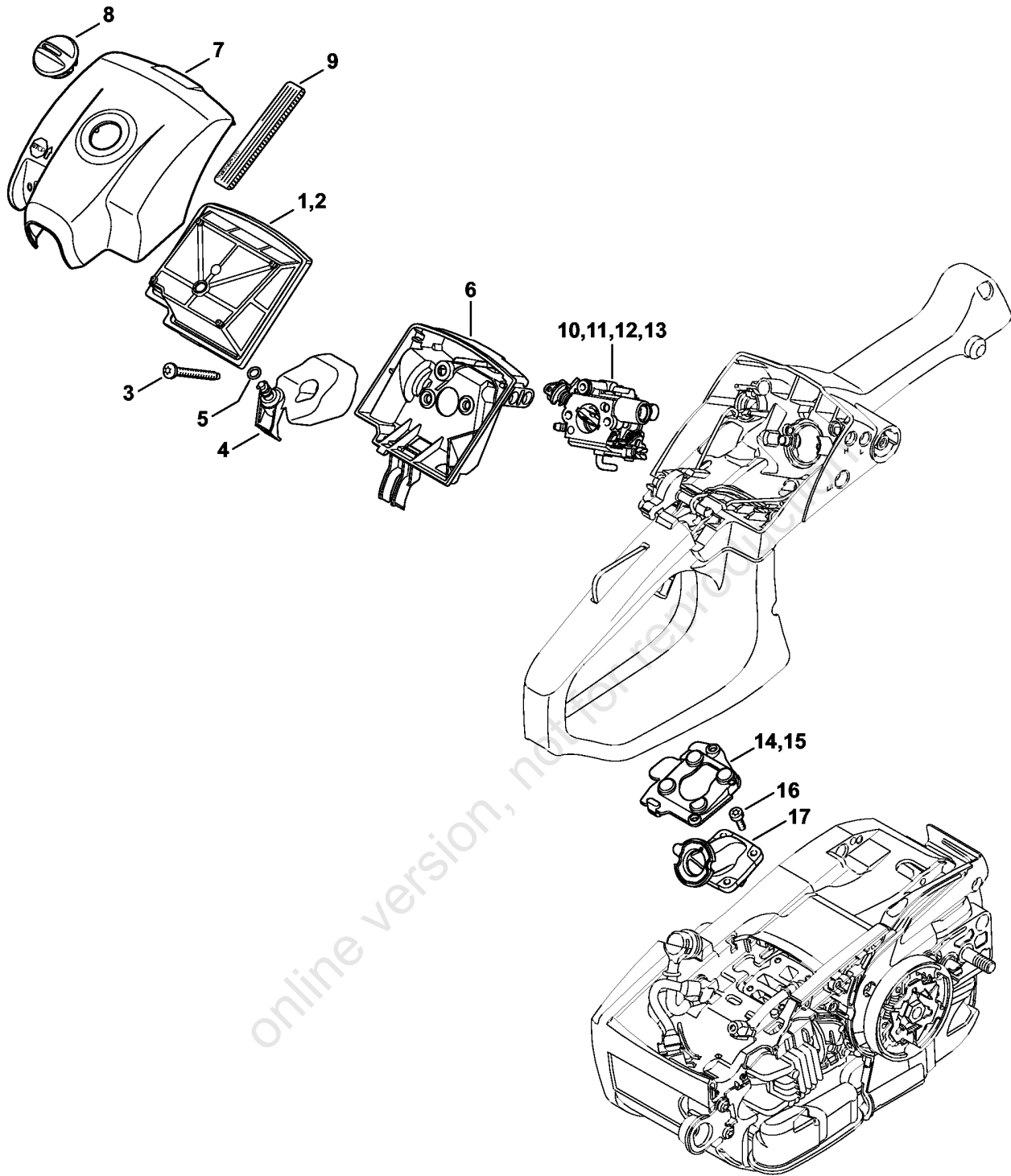
(1) MS 201, (2) MS 201 C-E, (3) MS 201 C-E Z, (4) MS 201 C-EM, (5) MS 201 C-EM Z, (6) MS 201 C-M, (7) MS 201 C-M Z, (8) MS 201-Z

Handle housing, Handlebar M-Tronic

Reference	Item number	Qty	Description	Contains	Technical Information
33	1145 182 1505	1	Throttle rod (4,5,6,7)		
34	1145 791 0601	1	Handle molding (4,5,6,7)		
35	1145 790 8101	1	Retainer (4,5,6,7)		
36	1145 791 5901	1	Stop buffer (4,5,6,7)		

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Air filter, Carburetor box cover

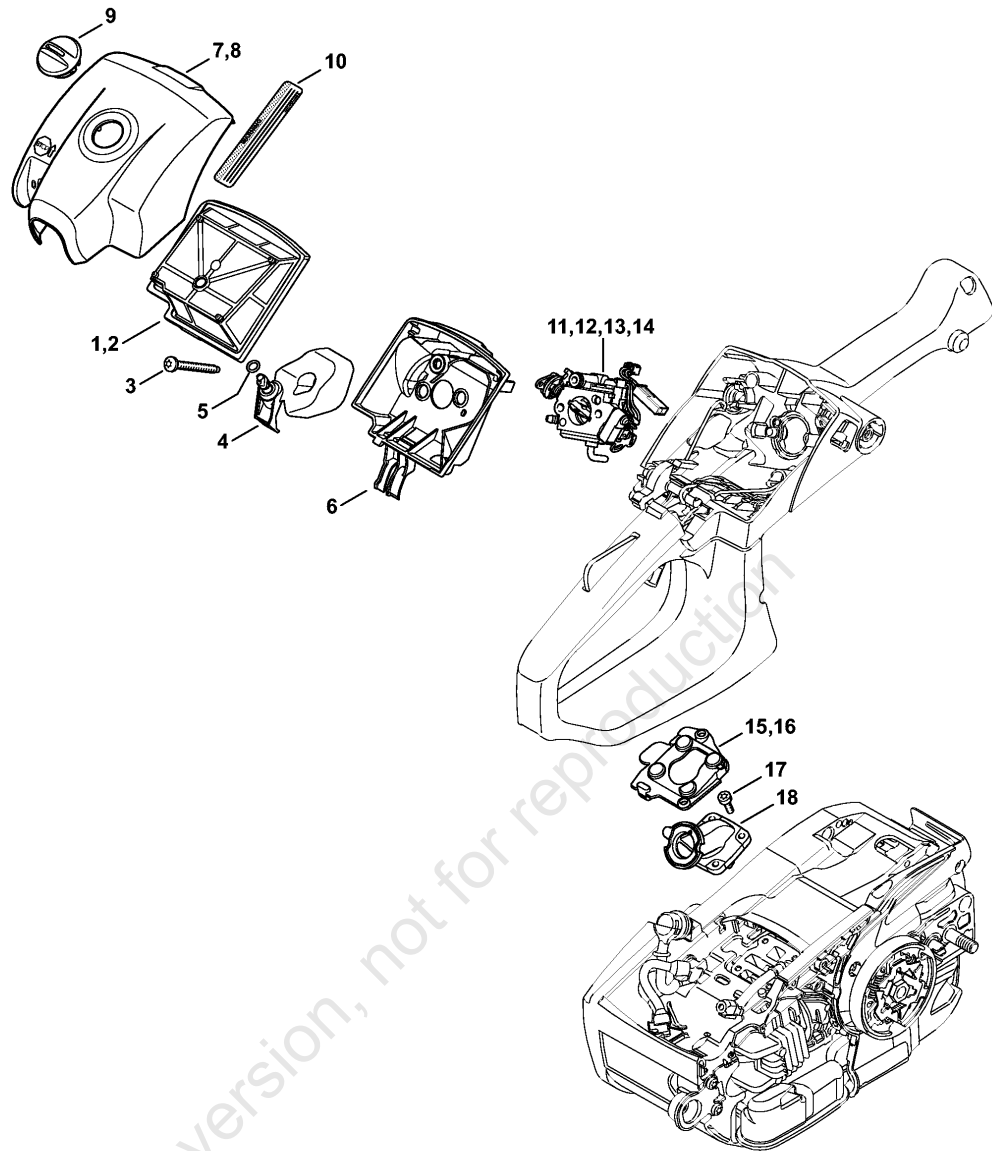


0013ET014 SC

Air filter, Carburetor box cover

Reference	Item number	Qty	Description	Contains	Technical Information
1	1145 140 4403	1	Air filter (1,2)		
2	1145 140 4401	1	Air filter, fleece USA, CDN (3,8)		
3	9022 500 1093	2	Spline screw IS-M5x44 (1,2,3,8)		
4	1145 120 4101	1	Baffle (1,2,3,8)	5	
5	9645 945 7444	1	O-ring 4x1.5 (1,2,3,8)		
6	1145 141 0901	1	Filter base (1,2,3,8)		
7	1145 140 1901	1	Carburetor box cover (1,2,3,8)	8	
8	1137 140 9200	1	Twist lock (1,2,3,8)		
9	0000 967 4068	1	Warning Spark arresting screen USA (3)		
10	1145 120 0617	1	Carburetor C1Q-S280C (1,8)		40.2012
11	1145 120 0618	1	Carburetor C1Q-S281B (2,3)		40.2012
12	* 1145 120 0652	1	Carburetor C1Q-S283B (1,8)		40.2013 40.2012
13	* 1145 120 0653	1	Carburetor C1Q-S284B (2,3)		40.2013 40.2012
14	1145 353 7000	1	Cover (1,8)		
15	1145 353 7002	1	Cover (2,3)		
16	9022 313 0660	4	Spline screw IS-M4x12 (1,2,3,8)		
17	1145 140 2502	1	Manifold (1,2,3,8)		

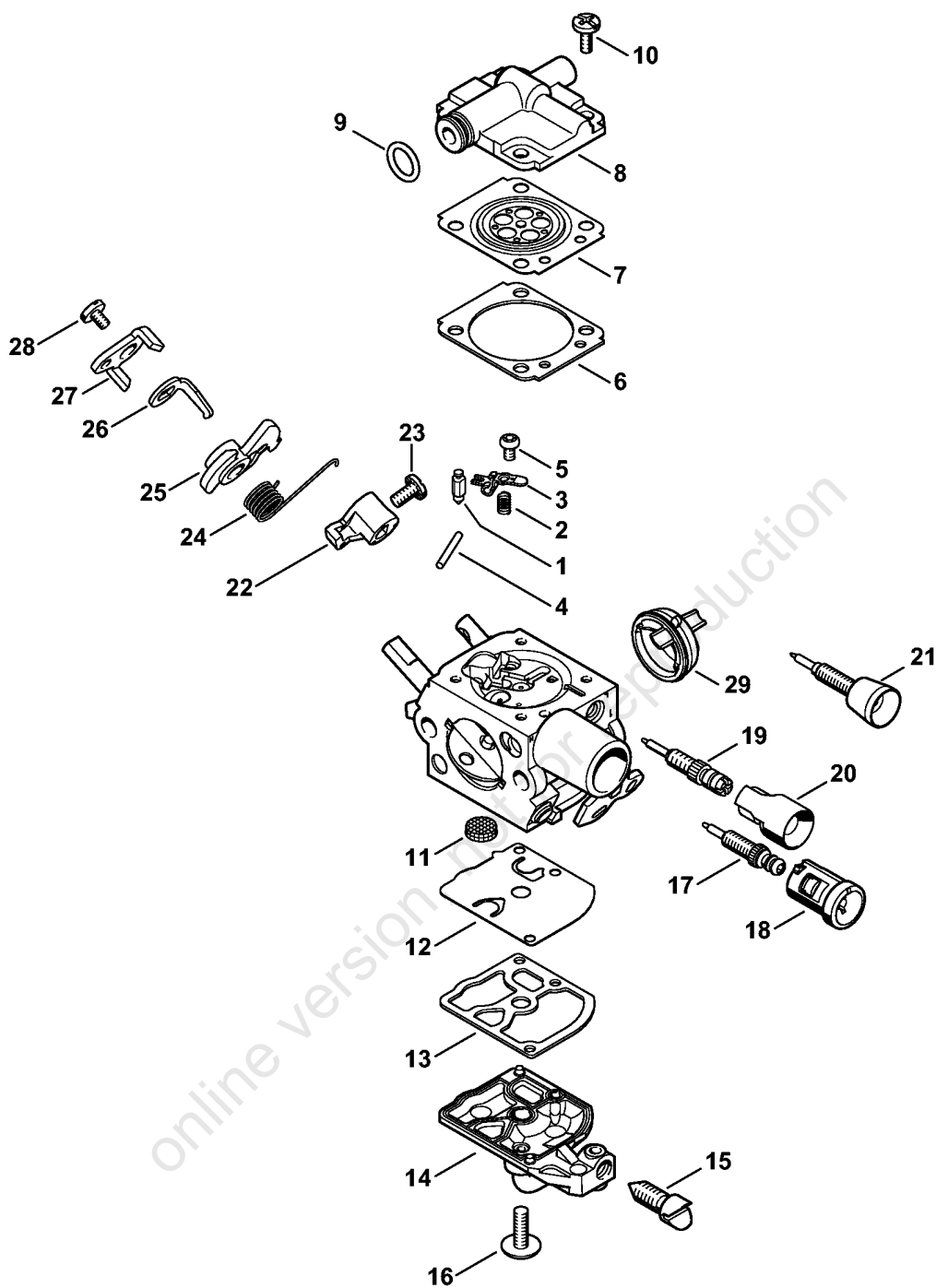
Air filter, Carburetor box cover M-Tronic



1145-GET-0855-A0

Air filter, Carburetor box cover M-Tronic

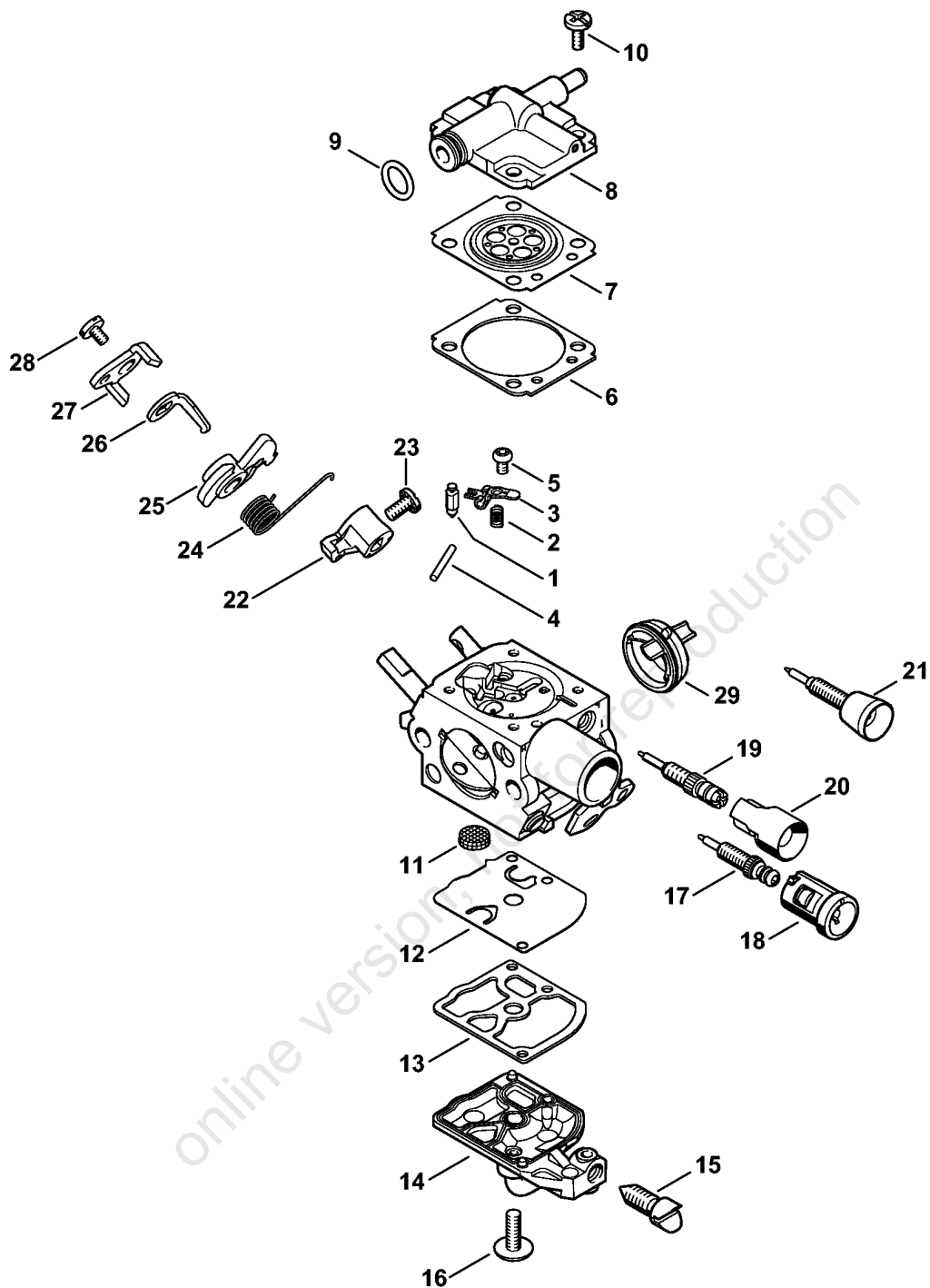
Reference	Item number	Qty	Description	Contains
1	1145 140 4403	1	Air filter (4,6)	
2	1145 140 4401	1	Air filter, fleece USA, CDN (5,7)	
3	9022 500 1093	2	Spline screw IS-M5x44 (4,5,6,7)	
4	1145 120 4101	1	Baffle (4,5,6,7)	5
5	9645 945 7444	1	O-ring 4x1.5 (4,5,6,7)	
6	1145 141 0903	1	Filter base (4,5,6,7)	
7	1145 140 1903	1	Carburetor box cover (4,5,6,7)	9
8	1145 140 1905	1	Carburetor box cover USA (5)	9, 10
9	1137 140 9200	1	Twist lock (4,5,6,7)	
10	0000 967 4068	1	Warning Spark arresting screen USA (5)	
11	1145 120 0623	1	Carburetor 1145/23 (4,5)	
12	1145 120 0621	1	Carburetor 1145/21 (6,7)	
13	* 1145 120 0613	1	Carburetor C1Q-S273C (4,5)	
14	* 1145 120 0612	1	Carburetor C1Q-S272B (6,7)	
15	1145 353 7000	1	Cover (6,7)	
16	1145 353 7002	1	Cover (4,5)	
17	9022 313 0660	4	Spline screw IS-M4x12 (4,5,6,7)	
18	1145 140 2502	1	Manifold (4,5,6,7)	



0013ETD18 SC

Carburetor C1Q-S280, C1Q-S283

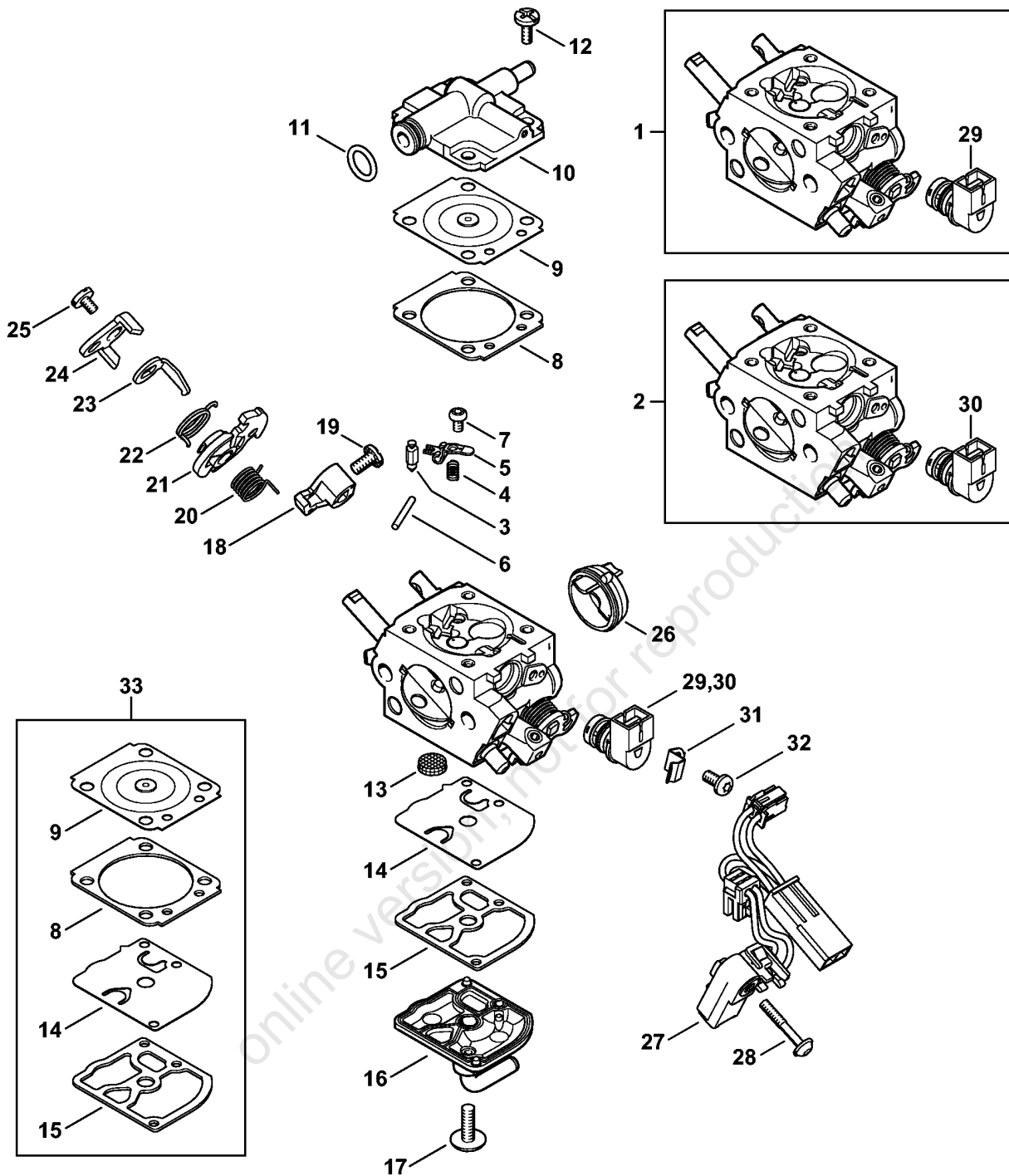
Reference	Item number	Qty	Description	Contains	Technical Information
	1145 120 0617	1	Carburetor C1Q-S280C (1,8)	1 - 20, 22 - 29	40.2012
	* 1145 120 0652	1	Carburetor C1Q-S283B (1,8)	1 - 18, 21 - 29	40.2012
1	Z000 018 Z000	1	Inlet needle (1,8)		
2	1145 122 3000	1	Spring (1,8)		
3	1125 121 5000	1	Inlet control lever (1,8)		
4	1120 121 9200	1	Spindle (1,8)		
5	0000 122 7101	1	Screw (1,8)		
6	1145 129 0900	1	Gasket (1,8)		
7	1145 121 4700	1	Metering diaphragm (1,8)		
8	1145 121 0800	1	End cover (1,8)		
9	9646 945 0490	1	O-ring 7x1.5 (1,8)		
10	1120 122 6601	4	Collar screw (1,8)		
11	1123 121 7800	1	Strainer (1,8)		
12	1129 121 4800	1	Pump diaphragm (1,8)		
13	1123 129 0905	1	Gasket (1,8)		
14	1145 120 2600	1	Pump cover (1,8)		
15	1145 122 6200	1	Idle speed screw (1,8)		
16	1120 122 7800	1	Oval head screw (1,8)		
17	1145 122 6700	1	High speed screw (1,8)		
18	1141 121 2704	1	Cap (1,8)		
19	1145 120 6800	1	Low speed screw (1,8)	20	40.2012
20	0000 121 2703	1	Cap (1,8)		40.2012
21	* 4228 122 6801	1	Low speed screw (1,8)		40.2012
22	1145 121 3501	1	Throttle lever (1,8)		
23	4132 122 6600	1	Collar screw (1,8)		
24	1145 122 3201	1	Torsion spring (1,8)		
25	1145 123 0800	1	Detent lever (1,8)		
26	1145 121 6600	1	Lever (1,8)		
27	1145 121 6601	1	Lever (1,8)		
28	1139 122 7101	1	Screw (1,8)		
29	1145 141 1800	1	Sleeve (1,8)		
	1145 007 1700	1	Set of carburetor parts (1,8)	6, 7, 12, 13	



Carburetor C1Q-S281, C1Q-S284

Reference	Item number	Qty	Description	Contains	Technical Information
	1145 120 0618	1	Carburetor C1Q-S281B (2,3)	1 - 20, 22 - 29	40.2012
	* 1145 120 0653	1	Carburetor C1Q-S284B (2,3)	1 - 18, 21 - 29	40.2012
1	Z000 018 Z000	1	Inlet needle (2,3)		
2	1145 122 3000	1	Spring (2,3)		
3	1125 121 5000	1	Inlet control lever (2,3)		
4	1120 121 9200	1	Spindle (2,3)		
5	0000 122 7101	1	Screw (2,3)		
6	1145 129 0900	1	Gasket (2,3)		
7	1145 121 4700	1	Metering diaphragm (2,3)		
8	1145 121 0801	1	End cover (2,3)		
9	9646 945 0490	1	O-ring 7x1.5 (2,3)		
10	1120 122 6601	4	Collar screw (2,3)		
11	1123 121 7800	1	Strainer (2,3)		
12	1129 121 4800	1	Pump diaphragm (2,3)		
13	1123 129 0905	1	Gasket (2,3)		
14	1145 120 2600	1	Pump cover (2,3)		
15	1145 122 6200	1	Idle speed screw (2,3)		
16	1120 122 7800	1	Oval head screw (2,3)		
17	1145 122 6700	1	High speed screw (2,3)		
18	1141 121 2704	1	Cap (2,3)		
19	1145 120 6800	1	Low speed screw (2,3)	20	40.2012
20	0000 121 2703	1	Cap (2,3)		40.2012
21	* 4228 122 6801	1	Low speed screw (2,3)		40.2012
22	1145 121 3501	1	Throttle lever (2,3)		
23	4132 122 6600	1	Collar screw (2,3)		
24	1145 122 3201	1	Torsion spring (2,3)		
25	1145 123 0800	1	Detent lever (2,3)		
26	1145 121 6600	1	Lever (2,3)		
27	1145 121 6601	1	Lever (2,3)		
28	1139 122 7101	1	Screw (2,3)		
29	1145 141 1800	1	Sleeve (2,3)		
	1145 007 1700	1	Set of carburetor parts (2,3)	6, 7, 12, 13	

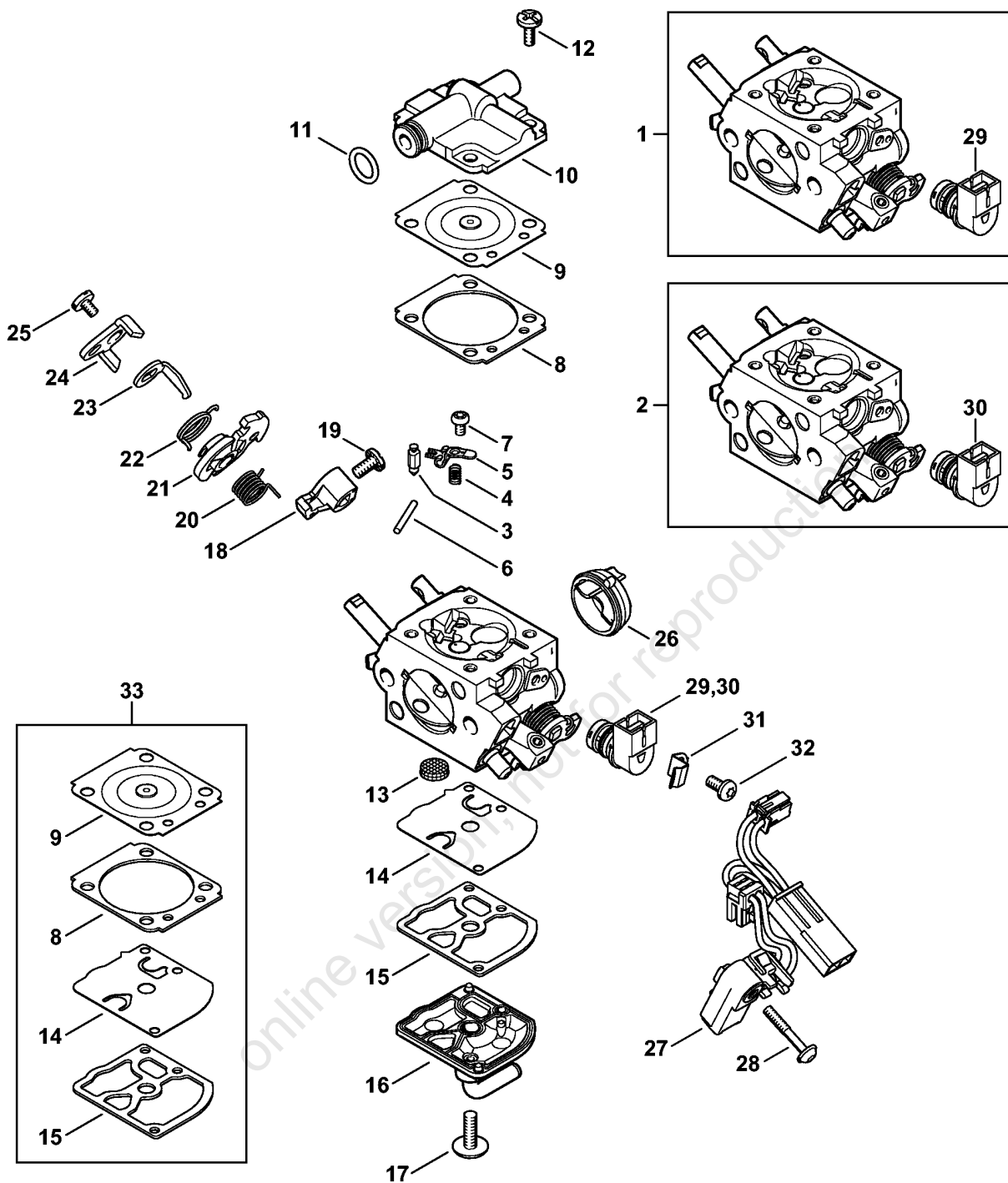
Carburetor 1145/23, 1145/26, C1Q-S273



1145-GET-0051-A0

Carburetor 1145/23, 1145/26, C1Q-S273

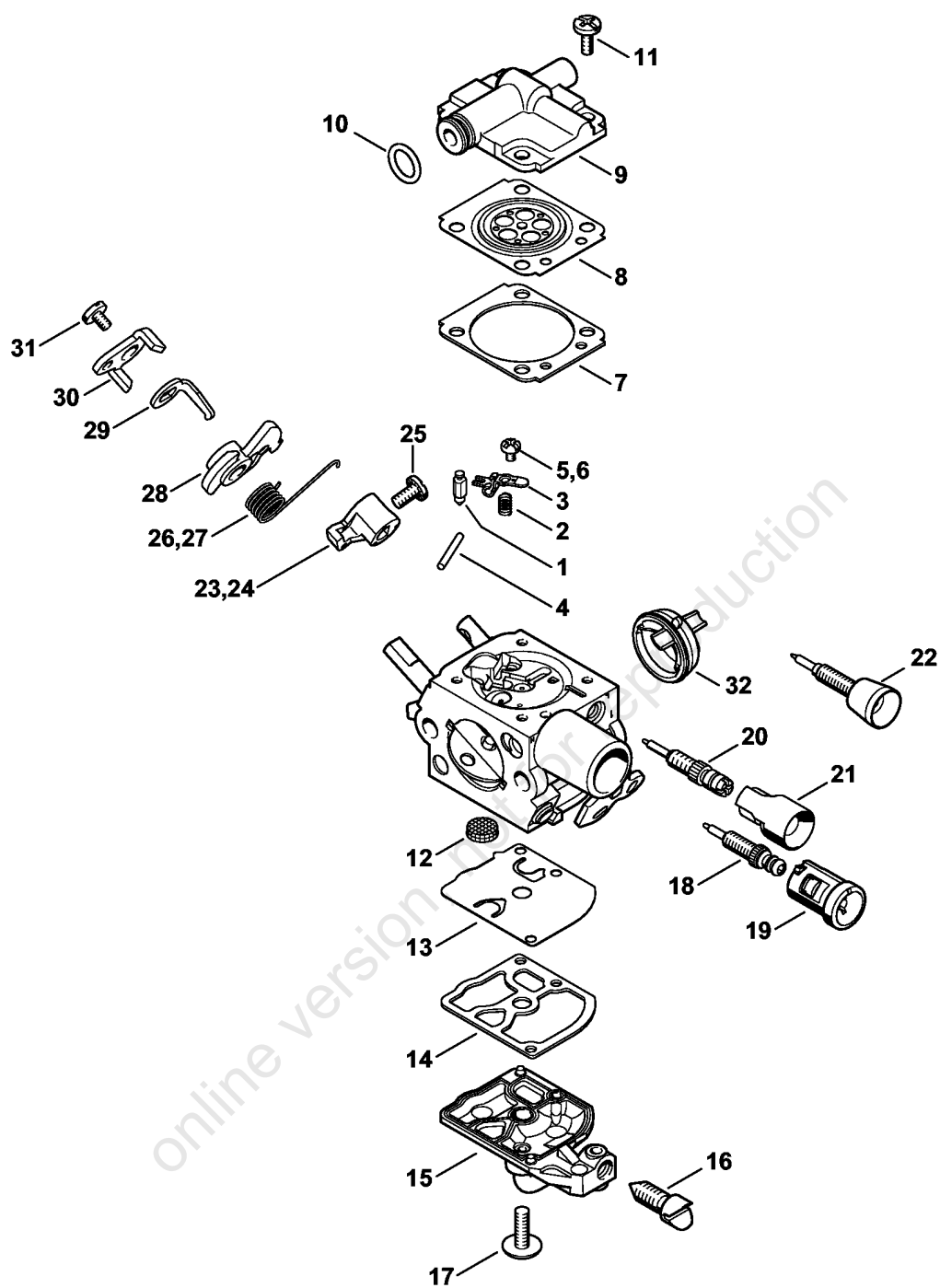
Reference		Item number	Qty	Description	Contains
1		1145 120 0623	1	Carburetor 1145/23 (4,5)	3 - 29, 31, 32
2	*	1145 120 0613	1	Carburetor C1Q-S273C (4,5)	3 - 28, 30 - 32
3		Z000 018 Z000	1	Inlet needle (4,5)	
4		1145 122 3000	1	Spring (4,5)	
5		1125 121 5000	1	Inlet control lever (4,5)	
6		1120 121 9200	1	Spindle (4,5)	
7		0000 122 7101	1	Screw (4,5)	
8		1145 129 0900	1	Gasket (4,5)	
9		1145 121 4700	1	Metering diaphragm (4,5)	
10		1145 126 0701	1	Metering cover (4,5)	
11		9646 945 0490	1	O-ring 7x1.5 (4,5)	
12		1120 122 6601	4	Collar screw (4,5)	
13		1123 121 7800	1	Strainer (4,5)	
14		1129 121 4800	1	Pump diaphragm (4,5)	
15		1123 129 0905	1	Gasket (4,5)	
16		1145 120 2601	1	Pump cover (4,5)	
17		1120 122 7800	1	Oval head screw (4,5)	
18		1145 121 3501	1	Throttle lever (4,5)	
19		4132 122 6600	1	Collar screw (4,5)	
20		1145 122 3202	1	Torsion spring (4,5)	
21		1145 123 0801	1	Detent lever (4,5)	
22		1145 122 3203	1	Torsion spring (4,5)	
23		1145 121 6602	1	Lever (4,5)	
24		1145 121 6603	1	Lever (4,5)	
25		1139 122 7101	1	Screw (4,5)	
26		1145 141 1801	1	Sleeve (4,5)	
27		1145 430 1001	1	Trigger unit (4,5)	
28		9076 478 0210	1	Pan head self-tapping screw A2.5x16 (4,5)	
29		0000 120 5104	1	Solenoid valve (4,5)	
30	*	0000 120 5110	1	Solenoid valve (4,5)	
31		0000 121 2301	1	Support (4,5)	
32		0000 122 7103	1	Screw (4,5)	
33		1145 007 1700	1	Set of carburetor parts (4,5)	8, 9, 14, 15

Carburetor 1145/21, 1145/25, C1Q-S272


1145-GET-0052-A0

Carburetor 1145/21, 1145/25, C1Q-S272

Reference		Item number	Qty	Description	Contains
1		1145 120 0621	1	Carburetor 1145/21 (6,7)	3 - 29, 31, 32
2	*	1145 120 0612	1	Carburetor C1Q-S272B (6,7)	3 - 28, 30 - 32
3		Z000 018 Z000	1	Inlet needle (6,7)	
4		1145 122 3000	1	Spring (6,7)	
5		1125 121 5000	1	Inlet control lever (6,7)	
6		1120 121 9200	1	Spindle (6,7)	
7		0000 122 7101	1	Screw (6,7)	
8		1145 129 0900	1	Gasket (6,7)	
9		1145 121 4700	1	Metering diaphragm (6,7)	
10		1145 126 0700	1	Metering cover (6,7)	
11		9646 945 0490	1	O-ring 7x1.5 (6,7)	
12		1120 122 6601	4	Collar screw (6,7)	
13		1123 121 7800	1	Strainer (6,7)	
14		1129 121 4800	1	Pump diaphragm (6,7)	
15		1123 129 0905	1	Gasket (6,7)	
16		1145 120 2601	1	Pump cover (6,7)	
17		1120 122 7800	1	Oval head screw (6,7)	
18		1145 121 3501	1	Throttle lever (6,7)	
19		4132 122 6600	1	Collar screw (6,7)	
20		1145 122 3202	1	Torsion spring (6,7)	
21		1145 123 0801	1	Detent lever (6,7)	
22		1145 122 3203	1	Torsion spring (6,7)	
23		1145 121 6602	1	Lever (6,7)	
24		1145 121 6603	1	Lever (6,7)	
25		1139 122 7101	1	Screw (6,7)	
26		1145 141 1801	1	Sleeve (6,7)	
27		1145 430 1001	1	Trigger unit (6,7)	
28		9076 478 0210	1	Pan head self-tapping screw A2.5x16 (6,7)	
29		0000 120 5104	1	Solenoid valve (6,7)	
30	*	0000 120 5110	1	Solenoid valve (6,7)	
31		0000 121 2301	1	Support (6,7)	
32		0000 122 7103	1	Screw (6,7)	
33		1145 007 1700	1	Set of carburetor parts (6,7)	8, 9, 14, 15



0013ET012 SC

Carburetor C1Q-S250, C1Q-S248, C1Q-S214, C1Q-S188



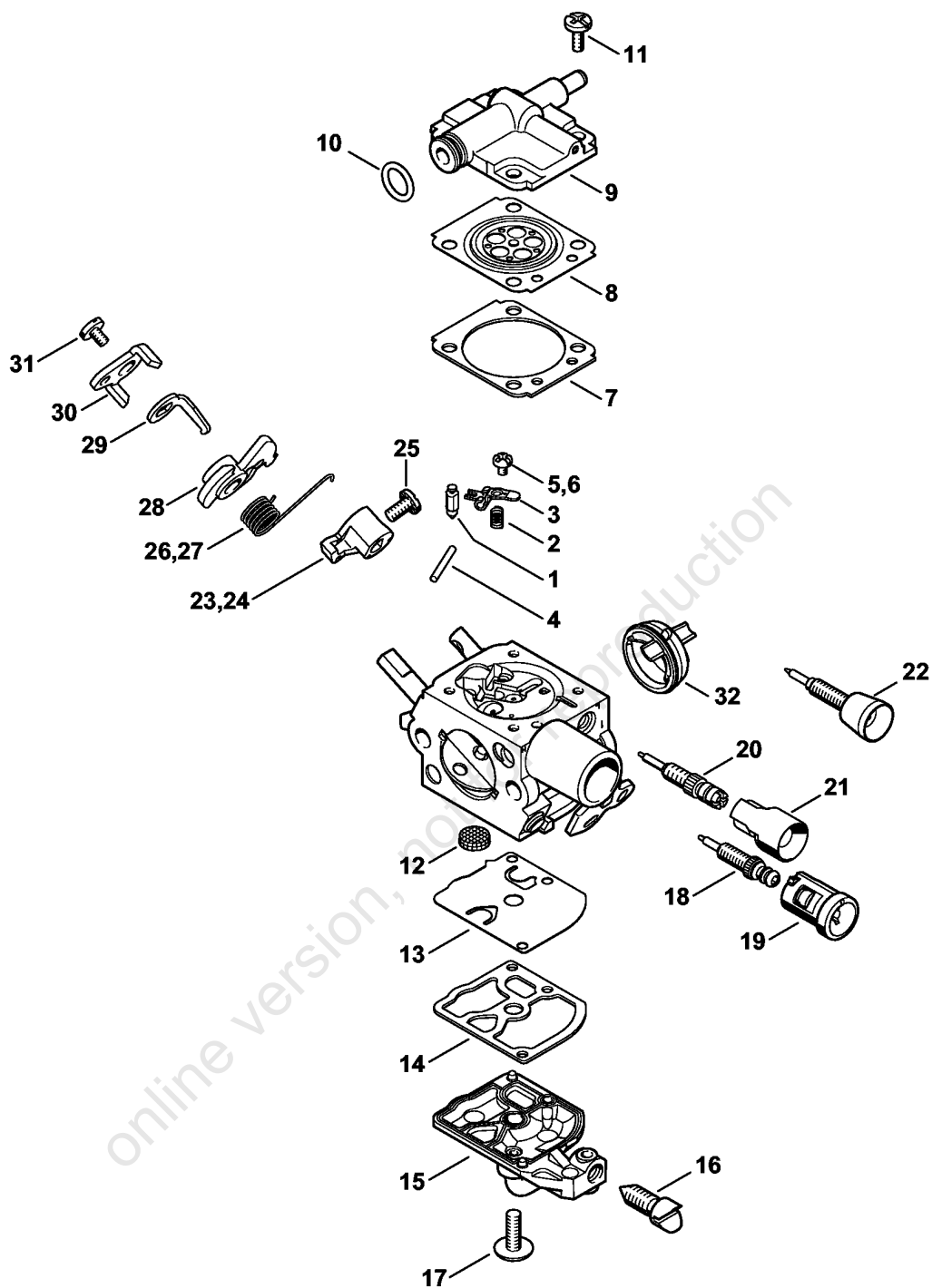
Reference	Item number	Qty	Description	Contains	Technical Information
	* 1145 120 0608	1	Carburetor C1Q-S250 (C) (1,8)	1 - 5, 7 - 21, 23, 25, 26, 28 - 32	40.2013 40.2012
	* 1145 120 0650	1	Carburetor C1Q-S248 (C) (1,8)	1 - 5, 7 - 19, 22, 23, 25, 26, 28 - 32	40.2013 40.2012
	* 1145 120 0604	1	Carburetor C1Q-S214 (C) (1,8)	1 - 5, 7 - 19, 22, 24, 25, 27 - 32	40.2012
	* 1145 120 0600	1	Carburetor C1Q-S188 (C) (1,8)	1 - 4, 6 - 19, 22, 24, 25, 27 - 32	39.2011
1	* Z000 018 Z000	1	Inlet needle (1,8)		40.2013
2	* 1145 122 3000	1	Spring (1,8)		40.2013
3	* 1125 121 5000	1	Inlet control lever (1,8)		40.2013
4	* 1120 121 9200	1	Spindle (1,8)		40.2013
5	* 0000 122 7101	1	Screw (1,8)		40.2013
6	* 4241 122 6600	1	Collar screw (1,8)		39.2011
7	* 1145 129 0900	1	Gasket (1,8)		40.2013
8	* 1145 121 4700	1	Metering diaphragm (1,8)		40.2013
9	* 1145 121 0800	1	End cover (1,8)		40.2013
10	* 9646 945 0490	1	O-ring 7x1.5 (1,8)		40.2013
11	* 1120 122 6601	4	Collar screw (1,8)		40.2013
12	* 1123 121 7800	1	Strainer (1,8)		40.2013
13	* 1129 121 4800	1	Pump diaphragm (1,8)		40.2013
14	* 1123 129 0905	1	Gasket (1,8)		40.2013
15	* 1145 120 2600	1	Pump cover (1,8)		40.2013
16	* 1145 122 6200	1	Idle speed screw (1,8)		40.2013
17	* 1120 122 7800	1	Oval head screw (1,8)		40.2013
18	* 1145 122 6700	1	High speed screw (1,8)		40.2013
19	* 1141 121 2704	1	Cap (1,8)		40.2013
20	* 1145 120 6800	1	Low speed screw (1,8)	21	40.2013 40.2012
21	* 0000 121 2703	1	Cap (1,8)		40.2013 40.2012
22	* 4228 122 6801	1	Low speed screw (1,8)		40.2013 40.2012
23	* 1145 121 3501	1	Throttle lever (1,8)		40.2013
24	* 1145 121 3500	1	Throttle lever (1,8)		40.2013 40.2012
25	* 4132 122 6600	1	Collar screw (1,8)		40.2013
26	* 1145 122 3201	1	Torsion spring (1,8)		40.2013
27	* 1145 122 3200	1	Torsion spring (1,8)		40.2013 40.2012
28	* 1145 123 0800	1	Detent lever (1,8)		40.2013
29	* 1145 121 6600	1	Lever (1,8)		40.2013

(1) MS 201, (2) MS 201 C-E, (3) MS 201 C-E Z, (4) MS 201 C-EM, (5) MS 201 C-EM Z, (6) MS 201 C-M, (7) MS 201 C-M Z, (8) MS 201-Z

Carburetor C1Q-S250, C1Q-S248, C1Q-S214, C1Q-S188

Reference		Item number	Qty	Description	Contains	Technical Information
30	*	1145 121 6601	1	Lever (1,8)		40.2013
31	*	1139 122 7101	1	Screw (1,8)		40.2013
32	*	1145 141 1800	1	Sleeve (1,8)		40.2013
	*	1145 007 1700	1	Set of carburetor parts (1,8)	7, 8, 13, 14	40.2013

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Carburetor C1Q-S251, C1Q-S249, C1Q-S215, C1Q-S189

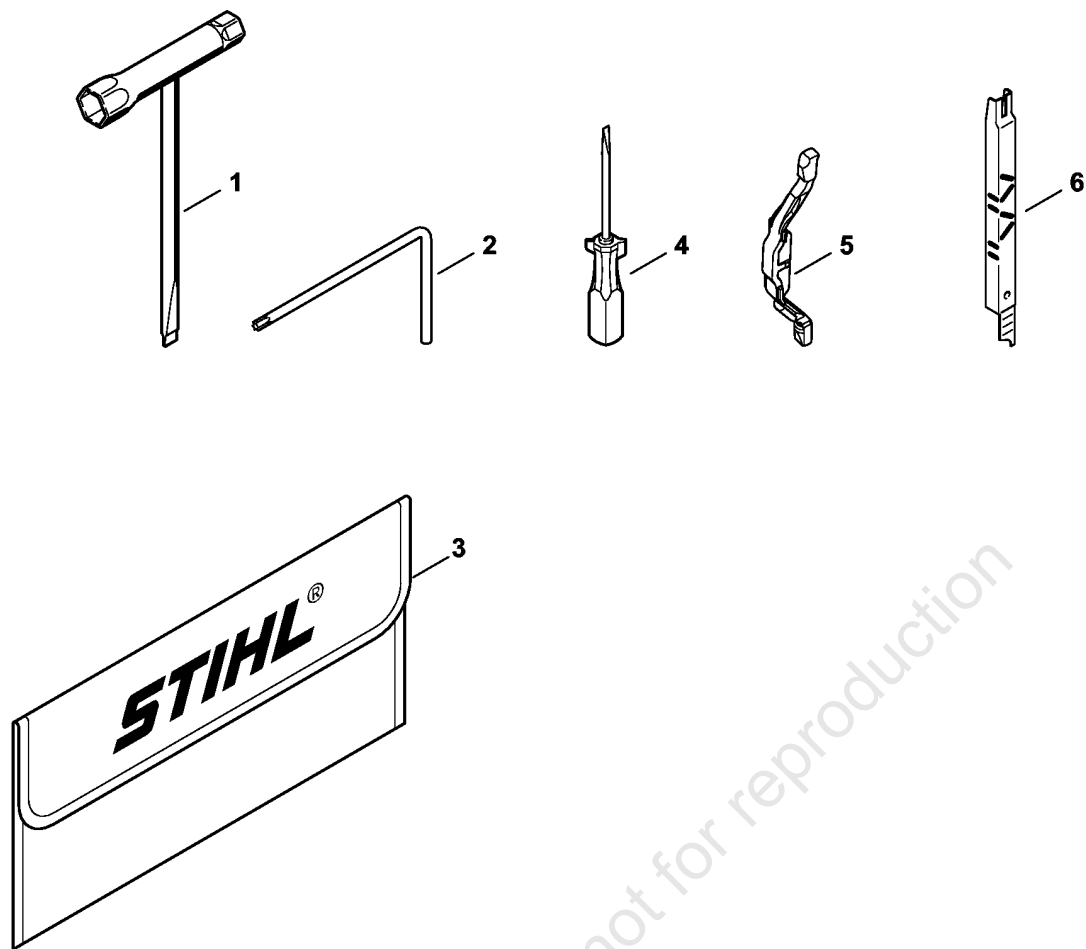
Reference	Item number	Qty	Description	Contains	Technical Information
	* 1145 120 0609	1	Carburetor C1Q-S251 (C) (2,3)	1 - 5, 7 - 21, 23, 25, 26, 28 - 32	40.2013 40.2012
	* 1145 120 0651	1	Carburetor C1Q-S249 (C) (2,3)	1 - 5, 7 - 19, 22, 23, 25, 26, 28 - 32	40.2013 40.2012
	* 1145 120 0605	1	Carburetor C1Q-S215 (C) (2,3)	1 - 5, 7 - 19, 22, 24, 25, 27 - 32	40.2012
	* 1145 120 0602	1	Carburetor C1Q-S189 (C) (2,3)	1 - 4, 6 - 19, 22, 24, 25, 27 - 32	39.2011
1	* Z000 018 Z000	1	Inlet needle (2,3)		40.2013
2	* 1145 122 3000	1	Spring (2,3)		40.2013
3	* 1125 121 5000	1	Inlet control lever (2,3)		40.2013
4	* 1120 121 9200	1	Spindle (2,3)		40.2013
5	* 0000 122 7101	1	Screw (2,3)		40.2013
6	* 4241 122 6600	1	Collar screw (2,3)		39.2011
7	* 1145 129 0900	1	Gasket (2,3)		40.2013
8	* 1145 121 4700	1	Metering diaphragm (2,3)		40.2013
9	* 1145 121 0801	1	End cover (2,3)		40.2013
10	* 9646 945 0490	1	O-ring 7x1.5 (2,3)		40.2013
11	* 1120 122 6601	4	Collar screw (2,3)		40.2013
12	* 1123 121 7800	1	Strainer (2,3)		40.2013
13	* 1129 121 4800	1	Pump diaphragm (2,3)		40.2013
14	* 1123 129 0905	1	Gasket (2,3)		40.2013
15	* 1145 120 2600	1	Pump cover (2,3)		40.2013
16	* 1145 122 6200	1	Idle speed screw (2,3)		40.2013
17	* 1120 122 7800	1	Oval head screw (2,3)		40.2013
18	* 1145 122 6700	1	High speed screw (2,3)		40.2013
19	* 1141 121 2704	1	Cap (2,3)		40.2013
20	* 1145 120 6800	1	Low speed screw (2,3)	21	40.2013 40.2012
21	* 0000 121 2703	1	Cap (2,3)		40.2013 40.2012
22	* 4228 122 6801	1	Low speed screw (2,3)		40.2013 40.2012
23	* 1145 121 3501	1	Throttle lever (2,3)		40.2013
24	* 1145 121 3500	1	Throttle lever (2,3)		40.2013 40.2012
25	* 4132 122 6600	1	Collar screw (2,3)		40.2013
26	* 1145 122 3201	1	Torsion spring (2,3)		40.2013
27	* 1145 122 3200	1	Torsion spring (2,3)		40.2013 40.2012
28	* 1145 123 0800	1	Detent lever (2,3)		40.2013
29	* 1145 121 6600	1	Lever (2,3)		40.2013

(1) MS 201, (2) MS 201 C-E, (3) MS 201 C-E Z, (4) MS 201 C-EM, (5) MS 201 C-EM Z, (6) MS 201 C-M, (7) MS 201 C-M Z, (8) MS 201-Z

Carburetor C1Q-S251, C1Q-S249, C1Q-S215, C1Q-S189

Reference		Item number	Qty	Description	Contains	Technical Information
30	*	1145 121 6601	1	Lever (2,3)		40.2013
31	*	1139 122 7101	1	Screw (2,3)		40.2013
32	*	1145 141 1800	1	Sleeve (2,3)		40.2013
	*	1145 007 1700	1	Set of carburetor parts (2,3)	7, 8, 13, 14	40.2013

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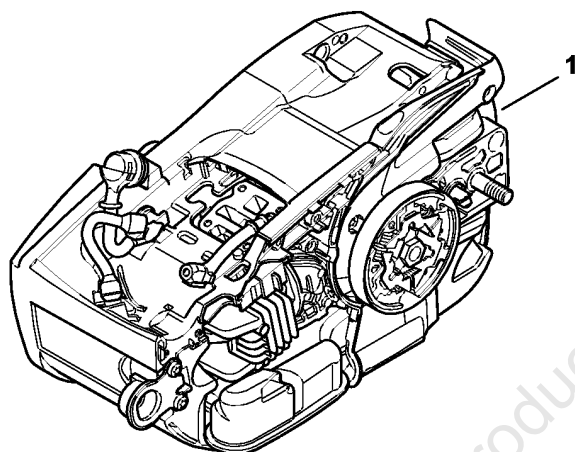


1145-GET-0015-A0

Tools, Extras

Reference	Item number	Qty	Description	Contains
	1145 890 1400	1	Tool kit (1,2,3,8)	1 - 4
	1145 890 1401	1	Tool kit (4,5,6,7)	1 - 3
1	0000 890 3402	1	Combination wrench	
2	0812 370 1000	1	Screwdriver T27x120x70	
3	0000 891 0810	1	Tool roll	
4	0000 890 2300	1	Screwdriver (1,2,3,8)	
5	1145 893 5900	1	Locking strip (B)	
6	1110 893 4000	1	Filing gauge (B)	

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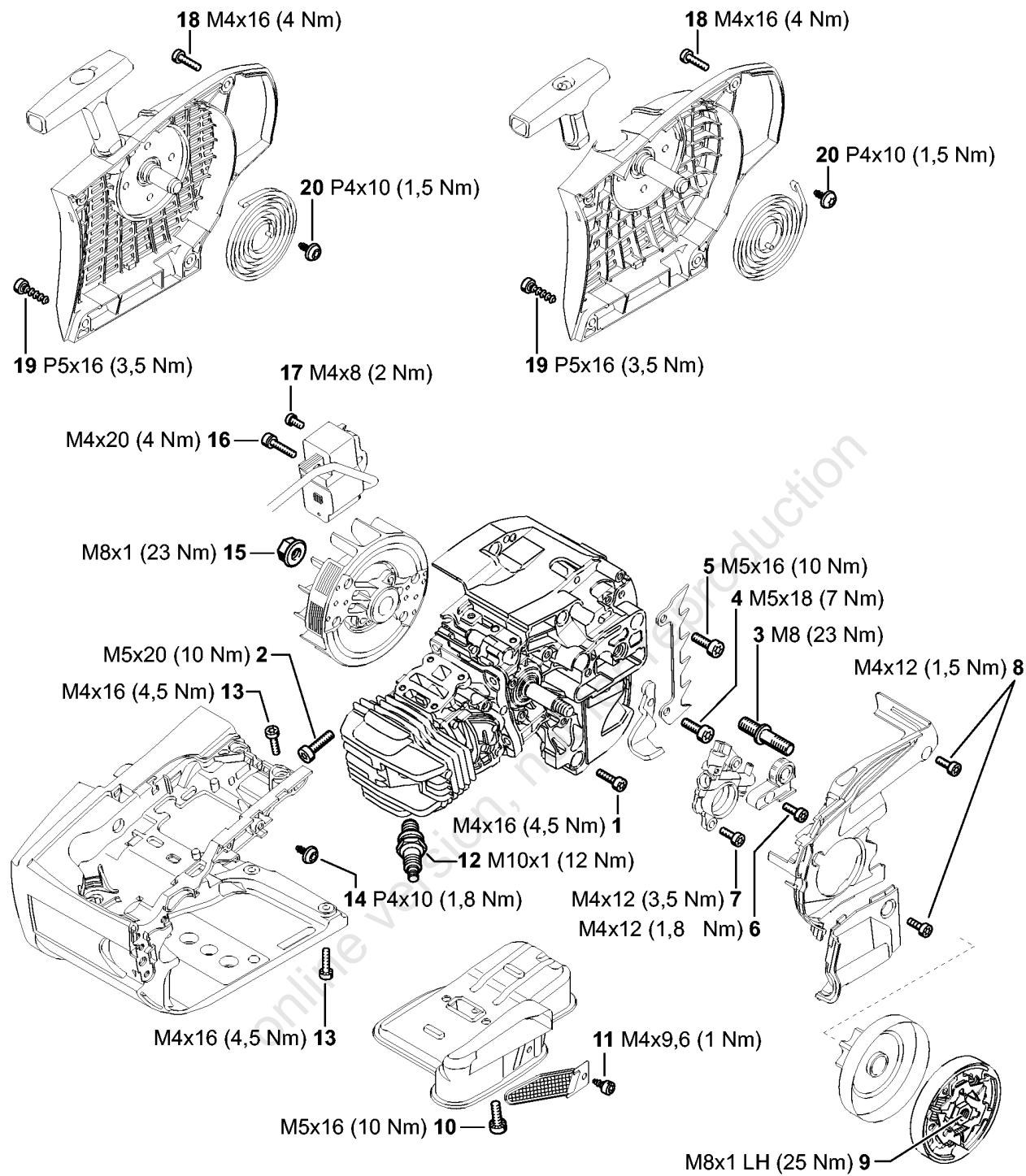
0013ET016 SC

Serial number

Reference	Qty	Description
1	1	Position of serial number

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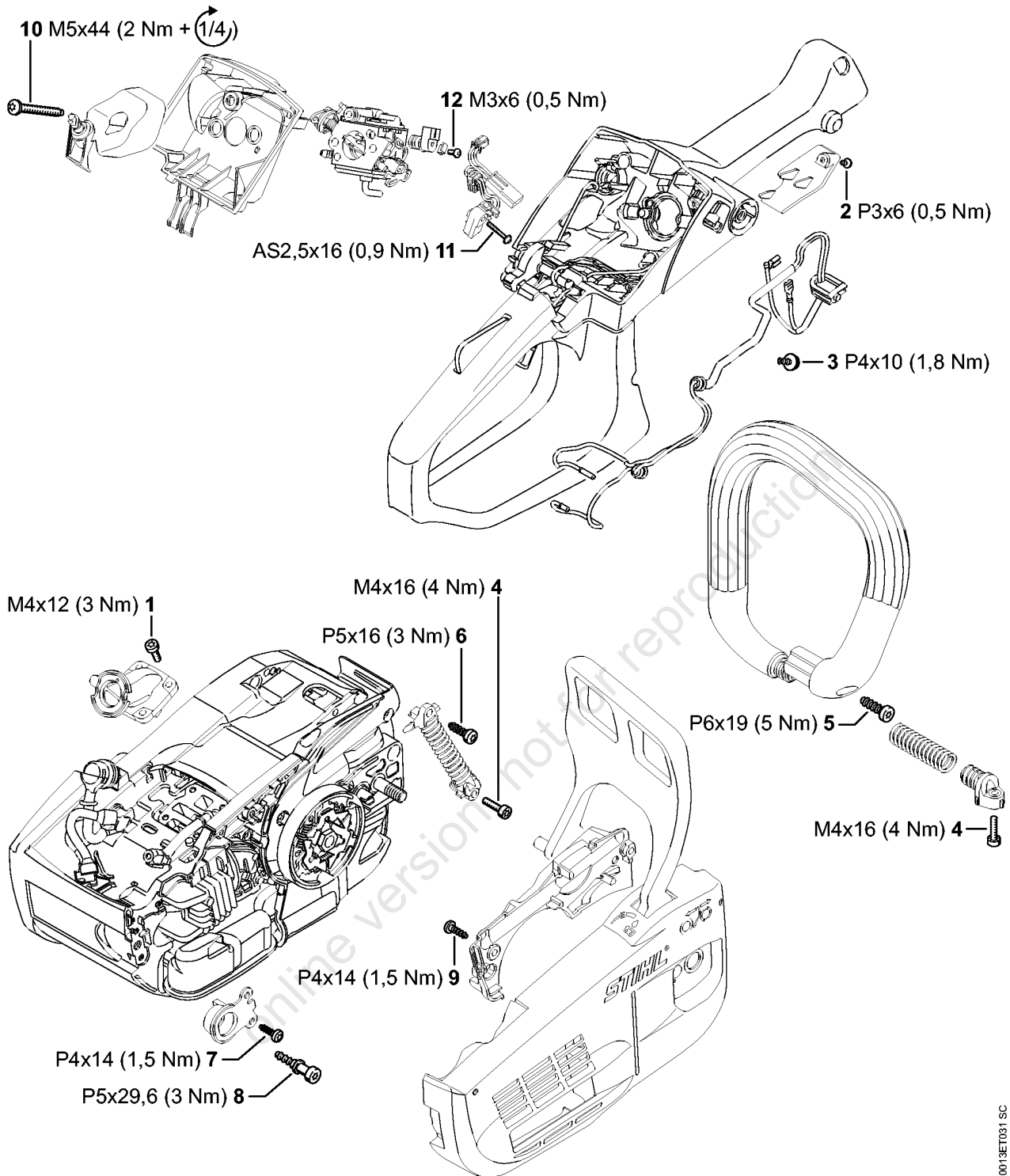
Tightening torques



Tightening torques

Reference	Item number	Qty	Description
1	9022 313 0680	7	Pan head screw IS M4x16 Binding thread
2	9022 371 1020	4	Spline screw IS-M5x20 Binding thread
3	1143 664 2400	1	Collar screw M8 High strength threadlocking adhesive
4	1143 664 2402	2	Collar screw M5 Micro-encapsulated with binding thread
5	9022 341 0980	2	Spline screw IS-M5x16 Binding thread
6	9022 313 0660	1	Spline screw IS-M4x12 Binding thread
7	9022 346 0658	2	Spline screw IS-M4x12 Micro-encapsulated with binding thread
8	9022 313 0660	3	Spline screw IS-M4x12 Binding thread
9	1137 160 2000	1	Clutch
10	9022 341 0983	2	Spline screw IS-M5x16 Micro-encapsulated with binding thread
11	9039 475 0656	1	Self-tapping screw M4x9.6
12	0000 400 7011	1	Spark plug NGK CMR6H
13	9022 313 0680	4	Pan head screw IS M4x16 Binding thread
14	9104 003 2960	1	Self-tapping screw P4x10
15	0000 955 0802	1	Collar nut M8x1
16	9022 341 0710	2	Spline screw IS-M4x20 micro-encapsulated
17	9022 313 0633	1	Spline screw IS-M4x8 Binding thread (4,5,6,7)
18	9022 313 0680	2	Pan head screw IS M4x16 Binding thread
19	9074 477 4130	2	Pan head self-tapping screw IS-P5x16
20	9104 003 2960	1	Self-tapping screw P4x10

Tightening torques



0013ET031 SC

Tightening torques

Reference	Item number	Qty	Description
1	9022 313 0660	4	Spline screw IS-M4x12 Binding thread
2	9104 003 0410	1	Self-tapping screw P3x6 (4,5,6,7)
3	9104 003 2960	1	Self-tapping screw P4x10 (1,2,3,8)
4	9022 313 0679	2	Spline screw IS-M4x16 Binding thread
5	9074 478 4425	1	Pan head self-tapping screw IS-P6x19
6	9074 477 4130	1	Pan head self-tapping screw IS-P5x16
7	9104 003 3004	2	Self-tapping screw P4x14
8	1129 791 6100	1	Screw
9	9104 003 3004	2	Self-tapping screw P4x14
10	9022 500 1093	2	Spline screw IS-M5x44
11	9076 478 0210	1	Pan head self-tapping screw A2.5x16 (4,5,6,7)
12	0000 122 7103	1	Screw (4,5,6,7)