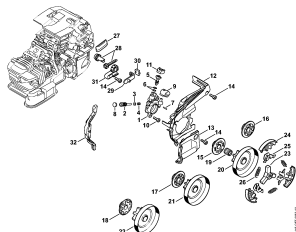
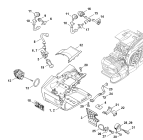


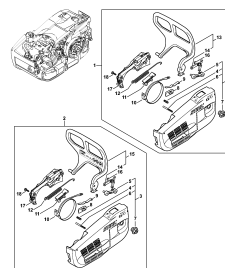
Crankcase, Cylinder,
Muffler



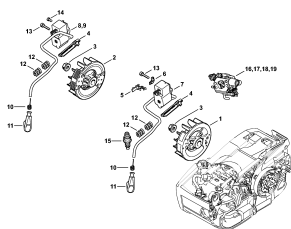
Oil pump, Clutch



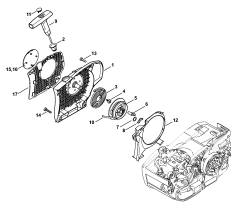
Tank housing



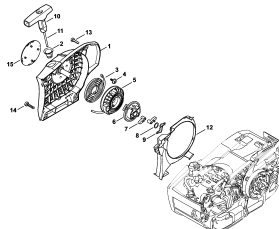
Chain sprocket cover,
Hand guard



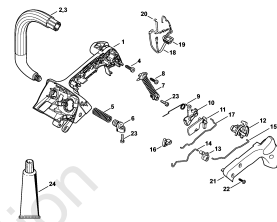
Ignition system



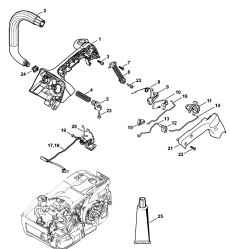
Rewind starter



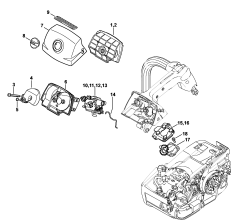
Rewind starter
ErgoStart/Easy2Start



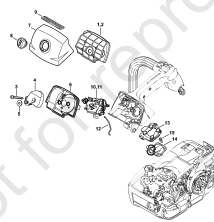
Handle housing, Handlebar



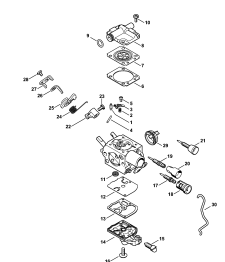
Handle housing, Handlebar
M-Tronic



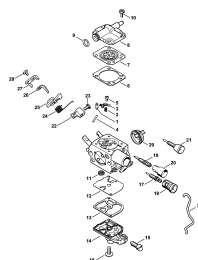
Air filter, Carburetor box
cover



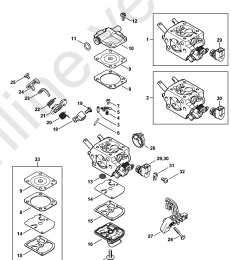
Air filter, Carburetor box
cover M-Tronic



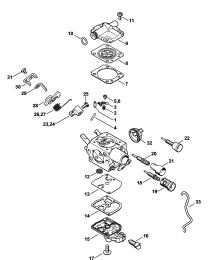
Carburetor C1Q-S280, C1Q-
S283



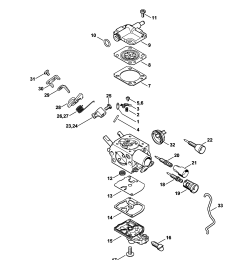
Carburetor C1Q-S281, C1Q-
S284



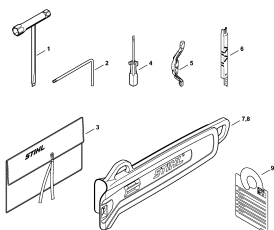
Carburetor 1145/22,
1145/27, C1Q-S274



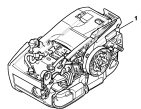
Carburetor C1Q-S250, C1Q-
S248, C1Q-S214, C1Q-
S188



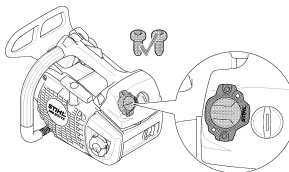
Carburetor C1Q-S251, C1Q-
S249, C1Q-S215, C1Q-
S189



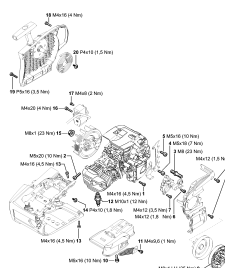
Tools, Extras



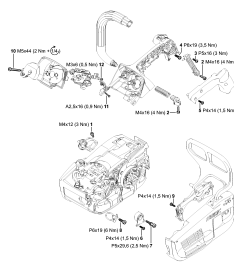
Serial number



Smart Connector



Tightening torques

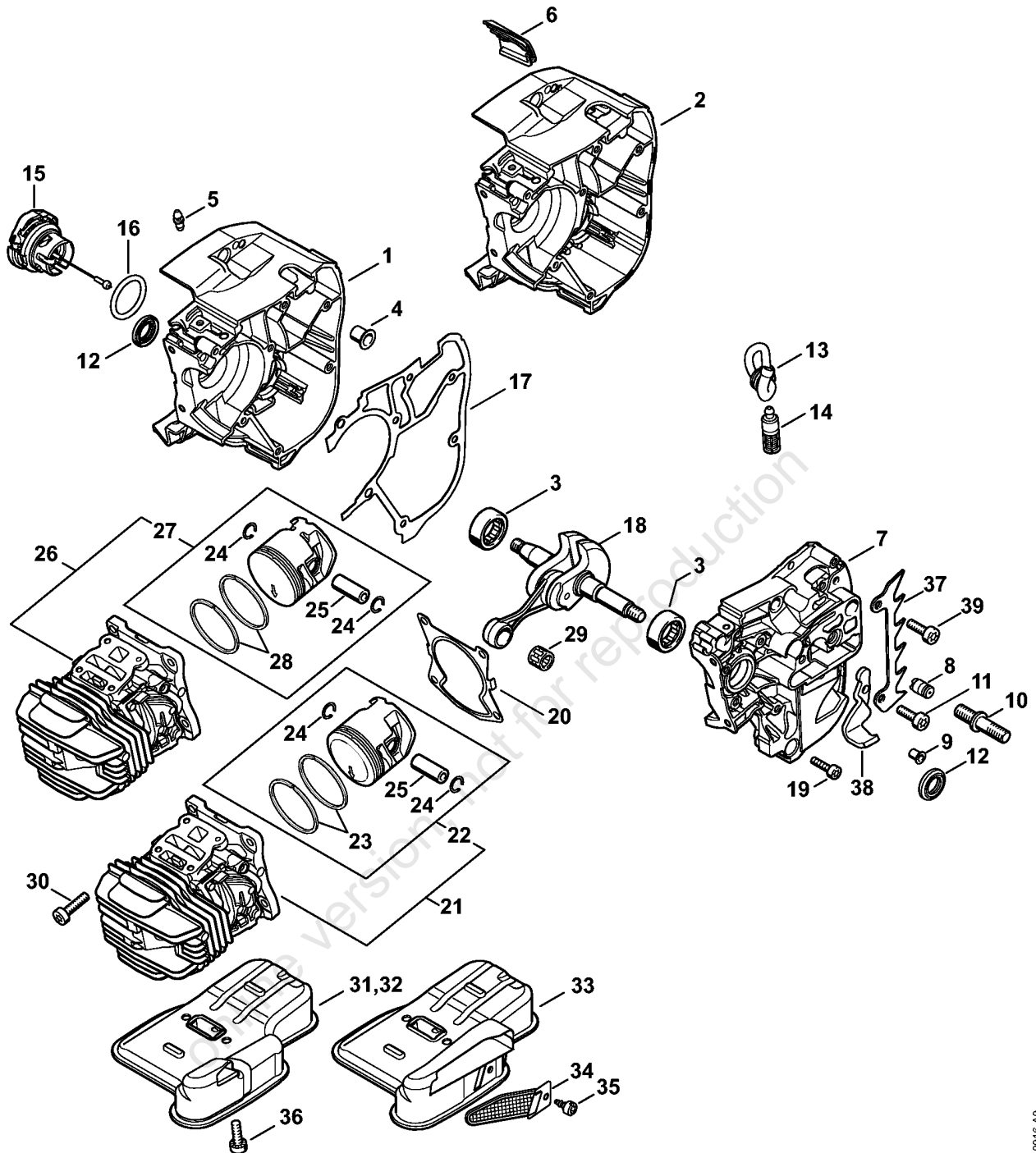


Tightening torques

online version, not for reproduction

MS 201 T, MS 201 TC

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 1145/22, 1145/27, C1Q-S274	
Carburetor C1Q-S250, C1Q-S248, C1Q-S214, C1Q-S188	
Carburetor C1Q-S251, C1Q-S249, C1Q-S215, C1Q-S189	
Tools, Extras	
Serial number	
Smart Connector	
Tightening torques	
Tightening torques	



(1) MS 201 T, (2) MS 201 T-Z, (3) MS 201 TC-E, (4) MS 201 TC-M, (5) MS 201 TC-M Z

Crankcase, Cylinder, Muffler

Reference	Item number	Qty	Description	Contains	Technical Information
1	1145 020 2602	1	Crankcase, fan side (1,2,3)	3 - 5, 12	
2	1145 020 2603	1	Crankcase, fan side (4,5)	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)		
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)	22 - 25	
22	1145 030 2005	1	Piston Ø 40 mm (4,5)	23 - 25	
23	1145 034 3001	1	Piston ring Ø 40x1,2 mm (4,5)		
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)	24, 25, 27, 28	
27	* 1145 030 2001	1	Piston Ø 40 mm (1,2,3,4,5)	24, 25, 28	
28	* 4147 034 3003	2	Piston ring Ø 40x1.2 mm (1,2,3,4,5)		
29	9512 003 2032	1	Needle cage 9x12x10		
30	9022 371 1020	4	Spline screw IS-M5x20		
31	1145 140 0603	1	Muffler (4)		
32	* 1145 140 0601	1	Muffler (1,3,4)		
33	1145 140 0602	1	Muffler USA, CDN (2,5)	34, 35	
34	1145 140 8100	1	Spark arresting screen		

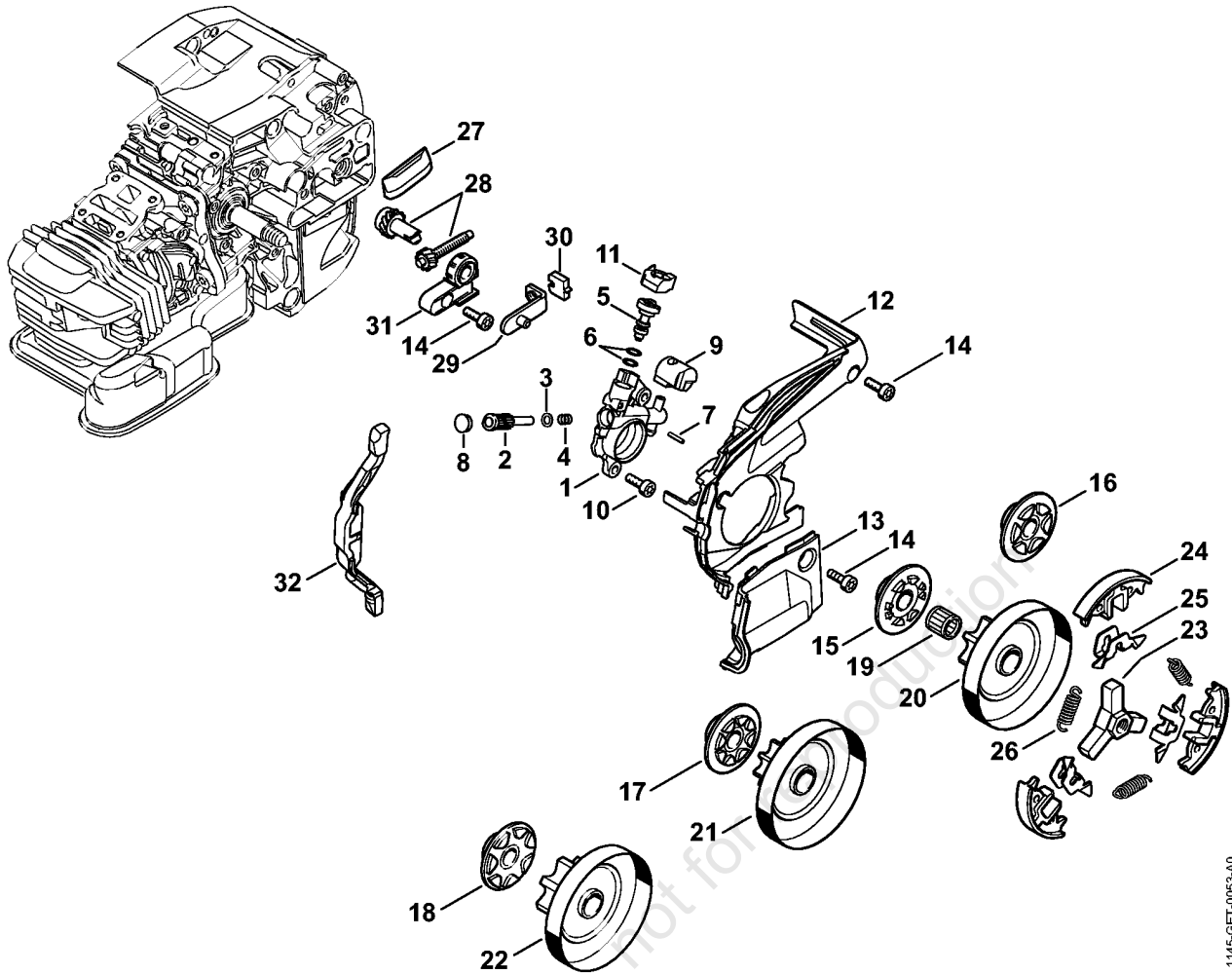
(1) MS 201 T, (2) MS 201 T-Z, (3) MS 201 TC-E, (4) MS 201 TC-M, (5) MS 201 TC-M Z

Crankcase, Cylinder, Muffler

Reference	Item number	Qty	Description	Contains	Technical Information
			USA, CDN (2,5)		
35	9039 475 0656	1	Self-tapping screw M4x9.6 USA, CDN (2,5)		
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	

online version, not for reproduction

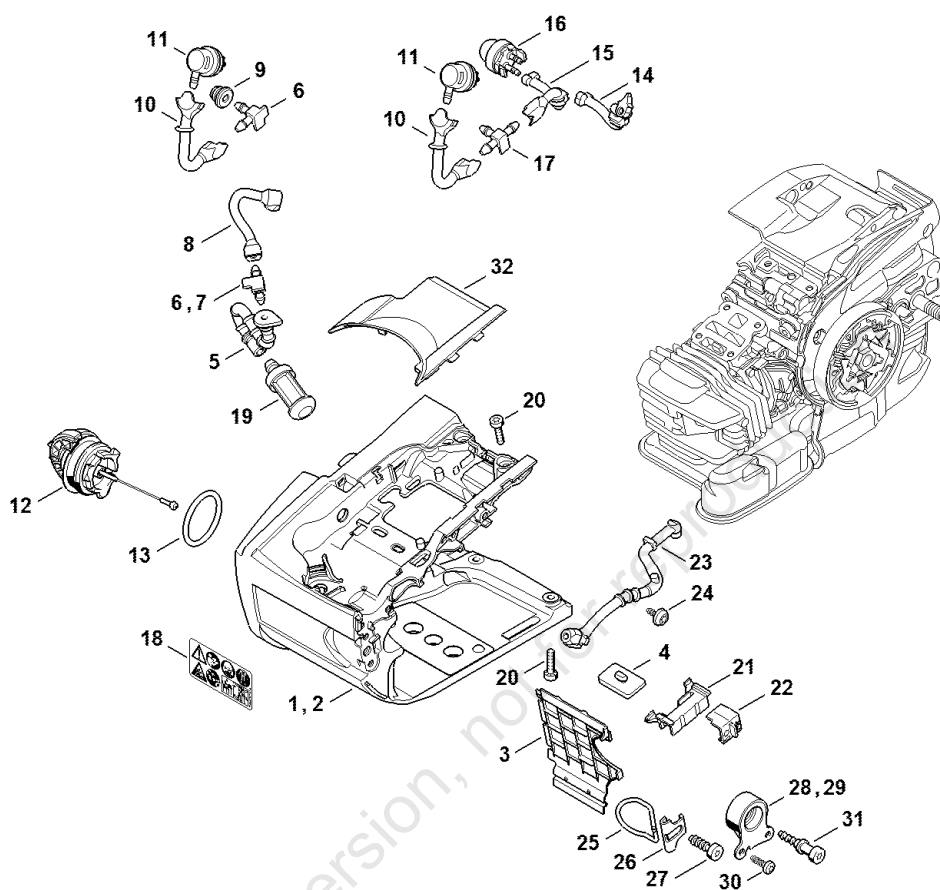
Oil pump, Clutch



1145-GET-0053A0

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 647 9100	1	Grommet	
12	1145 021 1100	1	Cover	
13	1145 021 1102	1	Cover	
14	9022 313 0660	4	Spline screw IS-M4x12	
15	1146 640 7102	1	Worm gear 1/4" Picco / 3/8" Picco (4,5)	
16	1129 640 7100	1	Worm 3/8" Picco 6T (1,2,3)	
17	1129 640 7101	1	Worm gear 3/8" Picco 7T (B) (1,2,3)	
18	1129 640 7102	1	Worm 1/4" 8T (B) (1,2,3)	
19	9512 933 2270	1	Needle cage 10x13x13	
20	1145 640 2010	1	Chain sprocket 3/8" Picco 6T	32
21	1145 640 2050	1	Set of spur sprocket/worm 3/8" Picco 7T (B)	17, 32
	1145 640 2051	1	Set of spur sprocket/worm 1/4" 8T (B)	18, 22, 32
22	1145 640 2011	1	Chain sprocket 1/4" 8T (B)	32
23	1137 160 2001	1	Clutch	24 - 26
24	1137 162 0800	3	Clutch shoe	
25	1121 162 3000	3	Retainer	
26	0000 997 5605	3	Tension spring	
27	1123 648 6600	2	Bumper strip	
28	1129 007 1000	1	Spur gear / chain adjusting screw kit	
29	1129 640 1900	1	Tensioner slide	
30	1123 664 1400	1	Thrust pad	
31	1123 664 2200	1	Cover	
32	1145 893 5900	1	Locking strip (B)	

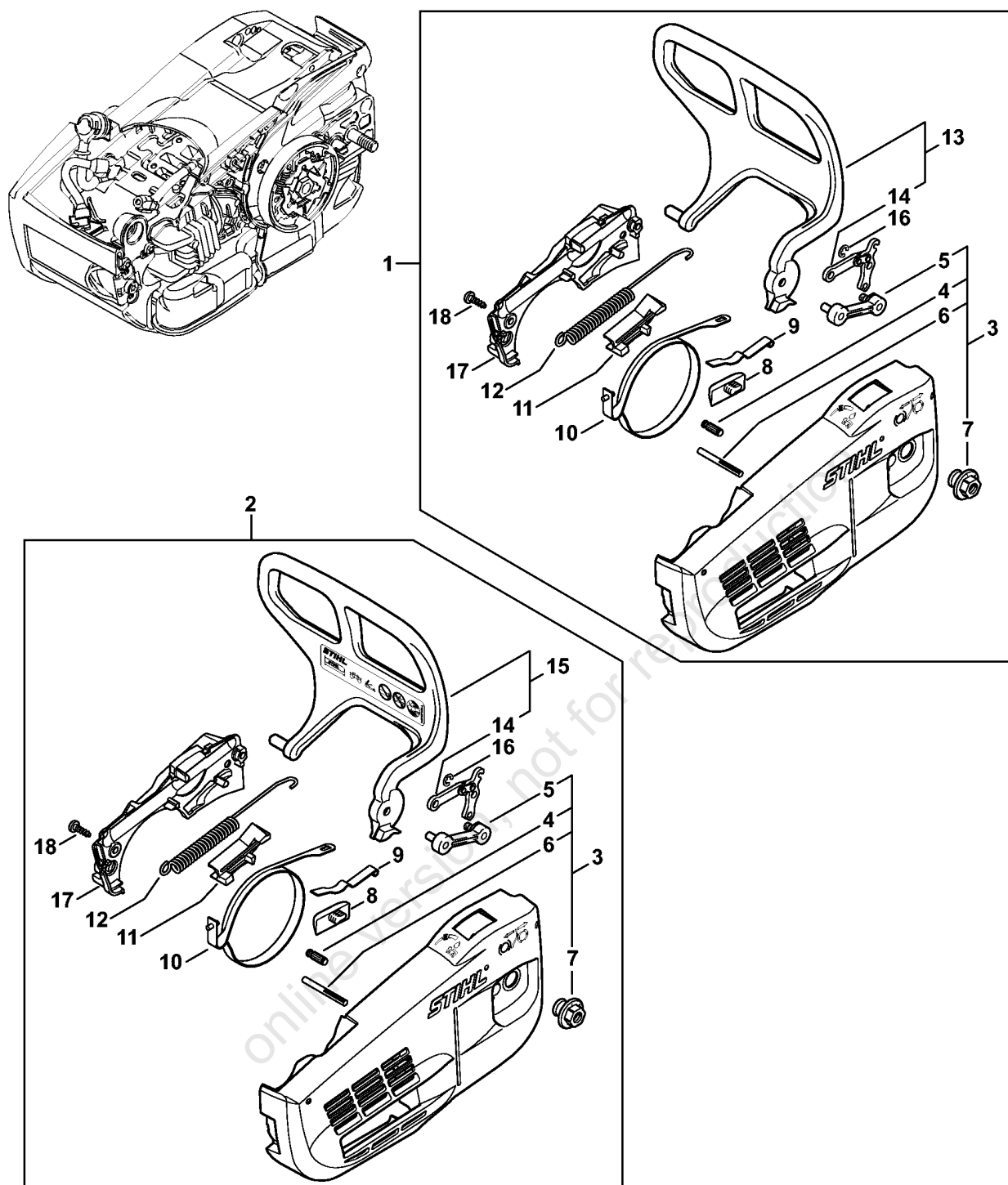


1145-GET 0055-A1

Tank housing

Reference	Item number	Qty	Description	Contains
1	1145 350 0811	1	Tank housing (1,2,4,5)	3 - 6, 8 - 13, 18, 19
2	1145 350 0821	1	Tank housing (3)	3 - 5, 7 - 19
3	1145 351 4000	1	Insulating plate (1,2,3,4,5)	
4	1129 352 5500	1	Clamp (1,2,3,4,5)	
5	1141 358 7708	1	Hose (1,2,3,4,5)	
6	1145 122 3900	2	Elbow connector (1,2,4,5)	
7	1145 122 3900	1	Elbow connector (3)	
8	1145 358 7704	1	Hose (1,2,3,4,5)	
9	1141 989 0600	1	Grommet (1,2,3,4,5)	
10	1145 358 7706	1	Hose (1,2,3,4,5)	
11	0000 350 5802	1	Tank vent (1,2,3,4,5)	
12	0000 350 0534	1	Filler cap (1,2,3,4,5)	13
13	9645 948 7734	1	O-ring 25x3.5 (1,2,3,4,5)	
14	1145 358 7700	1	Hose (3)	
15	1145 358 7708	1	Hose (3)	
16	0000 350 6201	1	Fuel pump (3)	
17	1145 353 2600	1	Elbow connector (3)	
18	0000 967 7280	1	Warning pictogram (1,2,3,4,5)	
19	0000 350 3522	1	Pickup body (1,2,3,4,5)	
20	9022 313 0680	4	Pan head screw IS M4x16 (1,2,3,4,5)	
21	1145 793 3000	1	Slide (1,2,3,4,5)	
22	1145 793 3002	1	Slide (1,2,3,4,5)	
23	1145 141 8600	1	Hose (1,2,3,4,5)	
24	9104 003 2960	1	Self-tapping screw P4x10 (1,2,3,4,5)	
25	1129 352 7700	1	Bracket (1,2,3,4,5)	
26	1129 352 5000	1	Loop (1,2,3,4,5)	
27	9074 478 4435	1	Pan head self-tapping screw IS-P6x19 (1,2,3,4,5)	
28	1129 790 9900	1	Annular buffer (1,2,3)	
29	1145 790 9903	1	Annular buffer (4,5)	
30	9104 003 3004	2	Self-tapping screw P4x14 (1,2,3,4,5)	
31	1129 791 6100	1	Screw (1,2,3,4,5)	
32	1145 352 3000	1	Cover (1,2,3,4,5)	

Chain sprocket cover, Hand guard

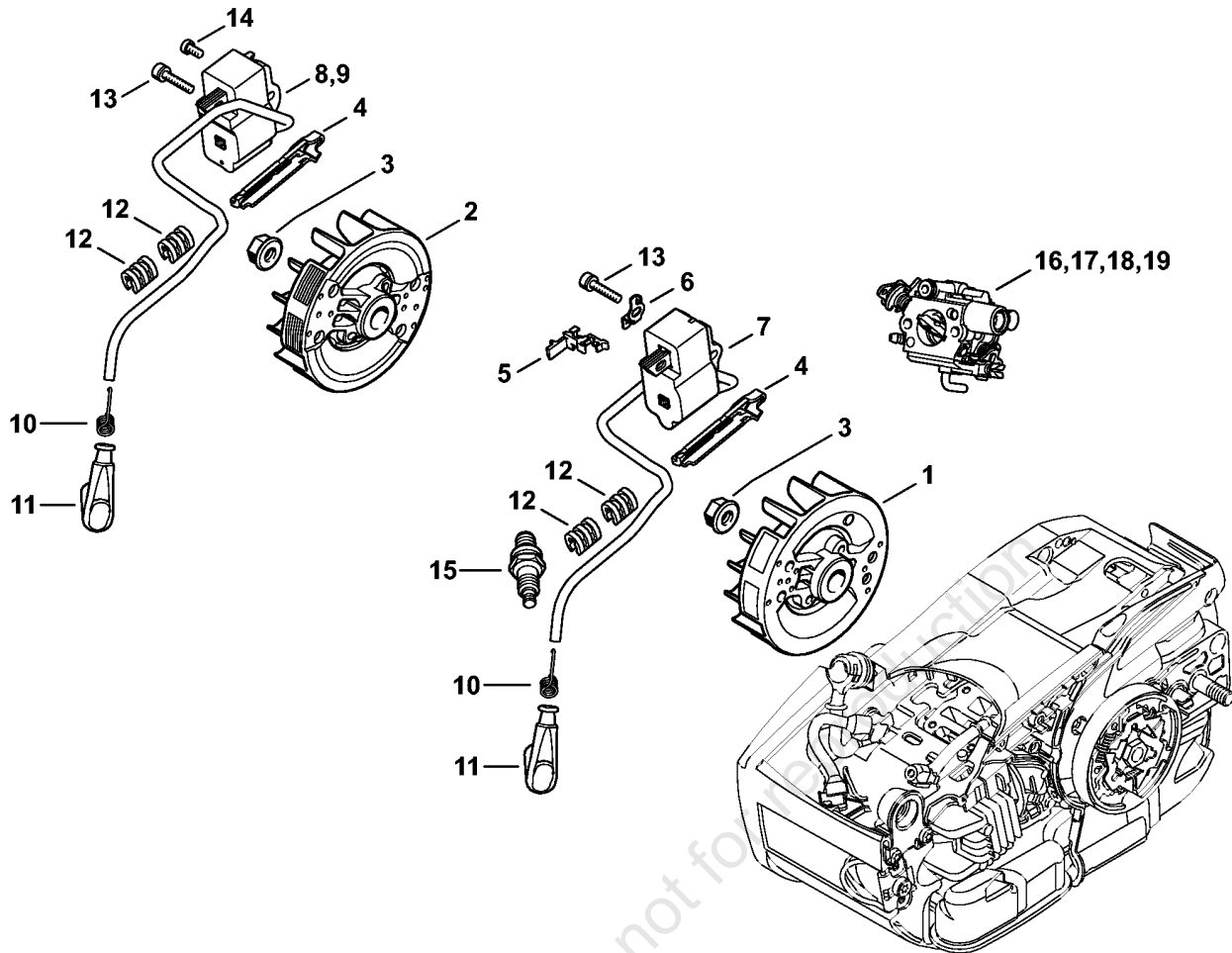


1145-GET-0012-A0

Chain sprocket cover, Hand guard

Reference	Item number	Qty	Description	Contains
1	1145 640 1700	1	Chain sprocket cover (1,2,3,4,5)	3 - 14
2	1145 640 1708	1	Chain sprocket cover CDN (2,5)	3 - 12, 14, 15
3	1145 640 1704	1	Chain sprocket cover (1,2,3,4,5)	4 - 7
4	1120 162 5200	1	Pin (1,2,3,4,5)	
5	1129 640 5000	1	Insert (1,2,3,4,5)	
6	9378 543 2220	1	Notched pin 5x40 (1,2,3,4,5)	
7	0000 995 0800	1	Collar nut M8 (1,2,3,4,5)	
8	1123 648 6600	1	Bumper strip (1,2,3,4,5)	
9	1129 162 7800	1	Flat spring (1,2,3,4,5)	
10	1145 160 5400	1	Brake band (1,2,3,4,5)	
11	1145 162 6600	1	Limit stop (1,2,3,4,5)	
12	1145 162 7900	1	Tension spring (1,2,3,4,5)	
13	1145 790 9100	1	Hand guard (1,2,3,4,5)	14
14	1128 160 5000	1	Lever (1,2,3,4,5)	
15	1145 790 9104	1	Hand guard CDN (2,5)	14
16	9460 624 0400	1	E-clip 4 (1,2,3,4,5)	
17	1145 648 7700	1	Cover (1,2,3,4,5)	
18	9104 003 3004	2	Self-tapping screw P4x14 (1,2,3,4,5)	

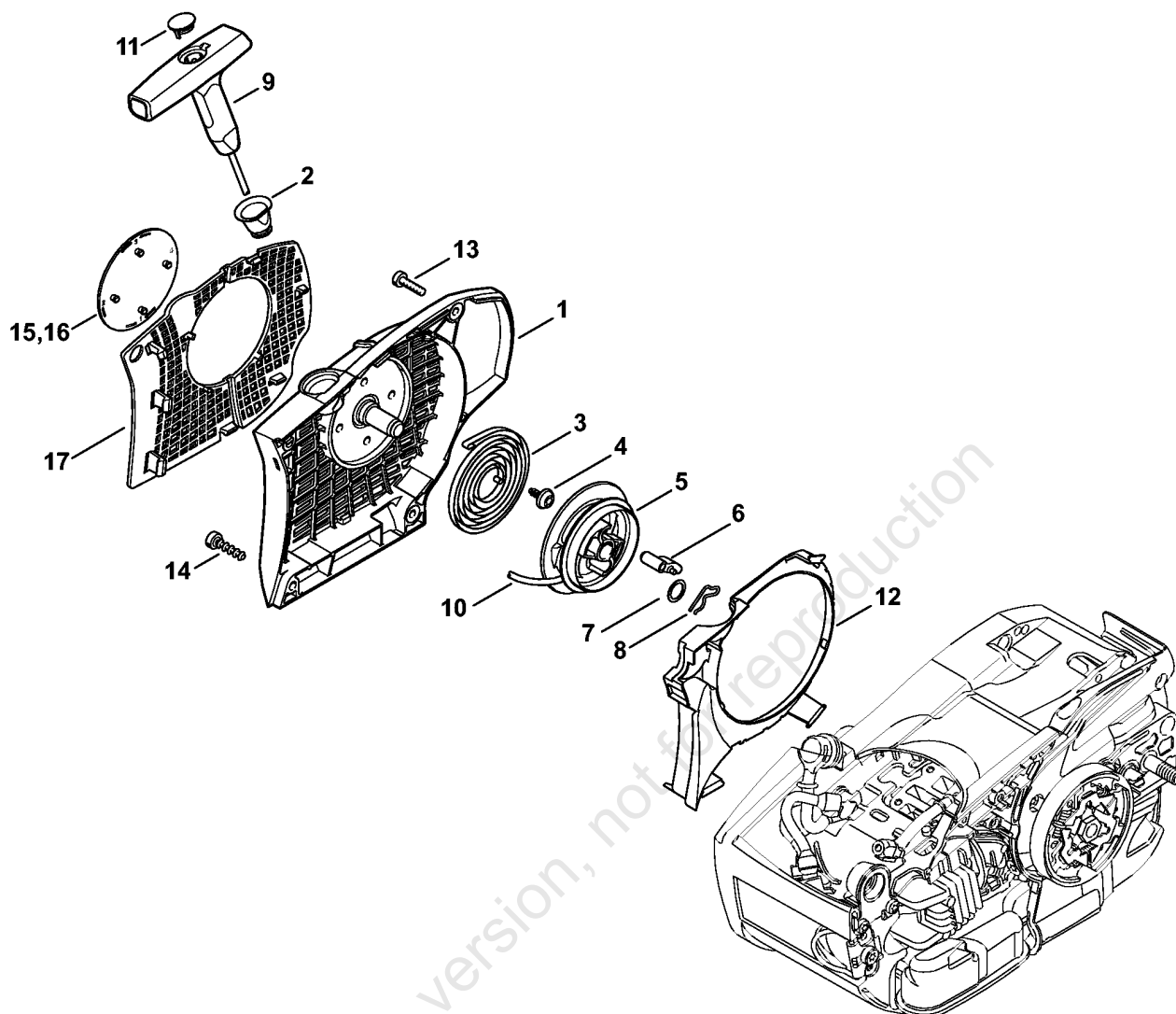
Ignition system



1145-GET-0021-A0

Ignition system

Reference	Item number	Qty	Description	Contains	Technical Information
1	1145 400 1202	1	Flywheel (1,2,3)		25.2005
2	1145 400 1201	1	Flywheel (4,5)		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)		
6	1145 431 2100	1	Connector tag (1,2,3)		
7	1145 400 1303	1	Ignition module (1,2,3)	10 - 12	
8	1145 400 4713	1	Control unit (4,5)	10 - 12	
9	* 1145 400 4702	1	Control unit (4,5)	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)		
15	0000 400 7011	1	Spark plug NGK CMR6H		
	* 1145 007 1800	1	Service kit (B) (1,2,5)	1, 7, 10 - 12, 16	40.2013
	* 1145 007 1801	1	Repair kit (B) (3)	1, 7, 10 - 12, 17	40.2013
	* 1145 007 1802	1	Repair kit (B) (1,2)	1, 7, 10 - 12, 18	40.2013
	* 1145 007 1803	1	Repair kit (B) (3)	1, 7, 10 - 12, 19	40.2013
16	* 1145 120 0617	1	Carburetor C1Q-S280C (1,2)		
17	* 1145 120 0618	1	Carburetor C1Q-S281B (3)		
18	* 1145 120 0652	1	Carburetor C1Q-S283B (1,2)		40.2013
19	* 1145 120 0653	1	Carburetor C1Q-S284B (3)		40.2013

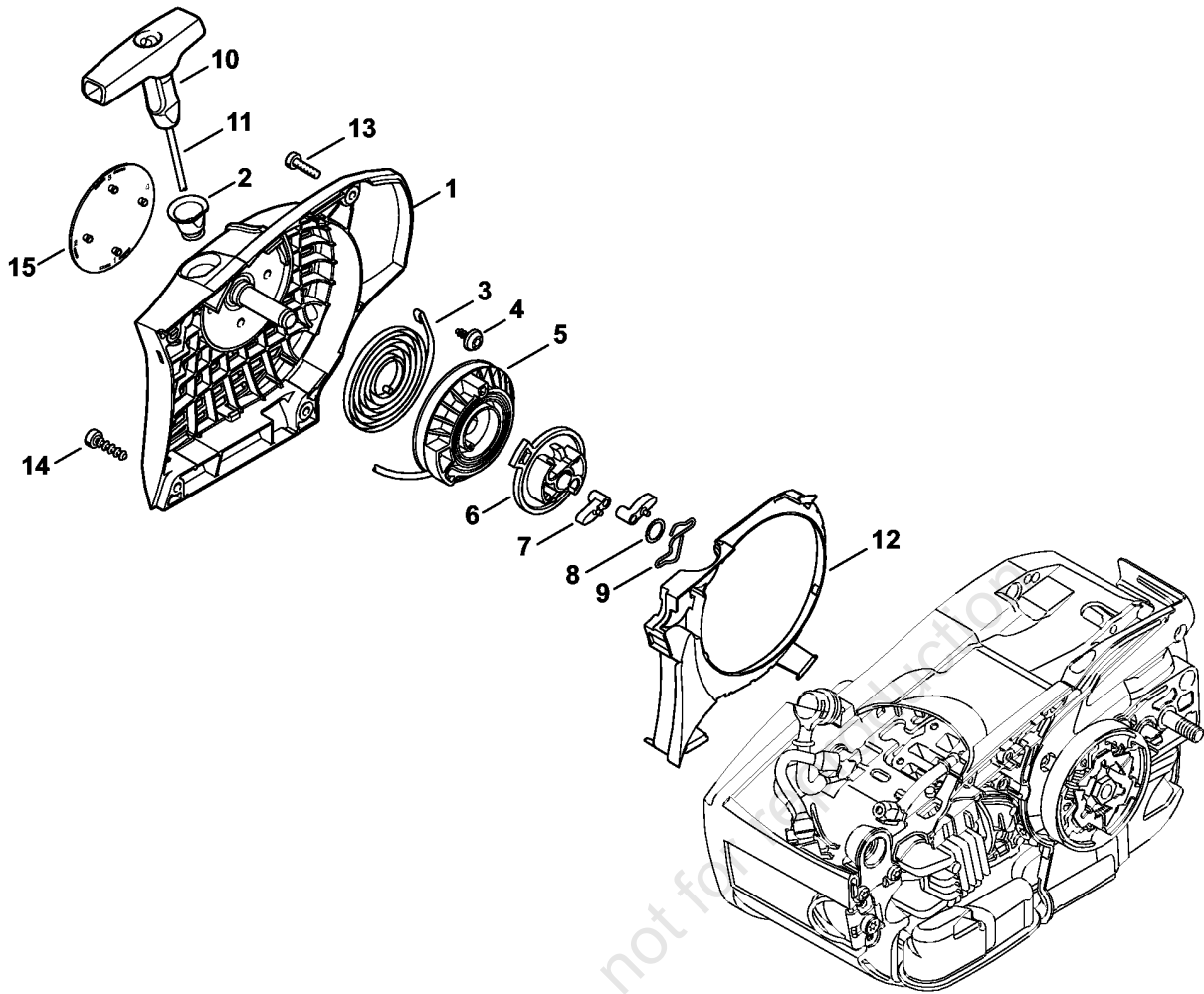


7012ET038 SC

Rewind starter

Reference	Item number	Qty	Description	Contains
	1145 080 2100	1	Fan housing with rewind starter (1,2,4,5)	1 - 12
1	1145 080 1800	1	Fan housing (1,2,4,5)	2
2	1110 084 9102	1	Bushing (1,2,4,5)	
3	1123 190 0600	1	Rewind spring (1,2,4,5)	
4	9104 003 2960	1	Self-tapping screw P4x10 (1,2,4,5)	
5	1123 195 0400	1	Rope rotor (1,2,4,5)	
6	1125 195 7200	1	Pawl (1,2,4,5)	
7	0000 958 0923	1	Washer (1,2,4,5)	
8	1118 195 3500	1	Spring (1,2,4,5)	
9	0000 190 3409	1	Starter grip ElastoStart Ø 3 mm (1,2,4,5)	10, 11
10	0000 195 8205	1	Starter rope Ø 3x750 mm (1,2,4,5)	
	0000 930 2208	1	Starter rope Ø 3 mm x 30.5 m (B) (1,2,4,5)	
	0000 930 2211	1	Starter rope Ø 3 mm x 60.8 m (B) (1,2,4,5)	
11	0000 195 7001	1	Cap (1,2,4,5)	
12	1145 084 7800	1	Segment (1,2,4,5)	
13	9022 313 0680	2	Pan head screw IS M4x16 (1,2,4,5)	
14	9074 477 4130	2	Pan head self-tapping screw IS-P5x16 (1,2,4,5)	
15	1145 967 1500	1	Model plate MS 201 T (1,2)	
16	1145 967 1502	1	Model plate MS 201 TC (4,5)	
17	1145 084 1200	1	Fan screen (B) (1,2,4,5)	

Rewind starter ErgoStart/Easy2Start

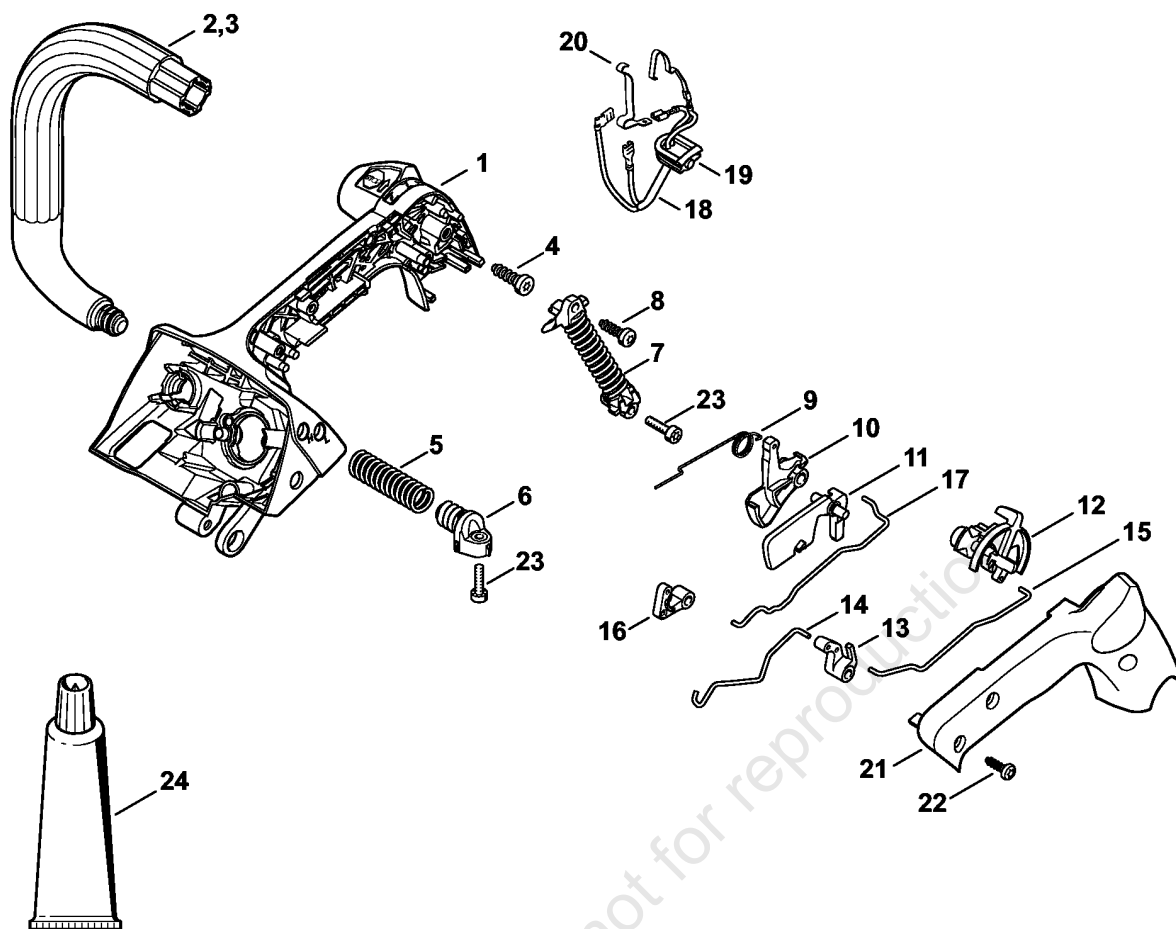


7012ET006 SC

Rewind starter ErgoStart/Easy2Start

Reference	Item number	Qty	Description	Contains
	1145 080 2102	1	Fan housing with rewind starter (3)	1 - 12
1	1145 080 1806	1	Fan housing (3)	2
2	1110 084 9102	1	Bushing (3)	
3	1123 190 0600	1	Rewind spring (3)	
4	9104 003 2960	1	Self-tapping screw P4x10 (3)	
5	1145 190 1000	1	Rope rotor (3)	
6	1145 195 2000	1	Carrier (3)	
7	1123 195 7200	2	Pawl (3)	
8	0000 958 0923	1	Washer (3)	
9	1128 195 3500	1	Spring (3)	
10	1121 195 3400	1	Starter grip (3)	
11	0000 195 8207	1	Starter rope Ø 2.7x870 mm (3)	
12	1145 084 7802	1	Segment (3)	
13	9022 313 0680	2	Pan head screw IS M4x16 (3)	
14	9074 477 4130	2	Pan head self-tapping screw IS-P5x16 (3)	
15	1145 967 1502	1	Model plate MS 201 TC (3)	

(1) MS 201 T, (2) MS 201 T-Z, (3) MS 201 TC-E, (4) MS 201 TC-M, (5) MS 201 TC-M Z



7012ET007 SC

Handle housing, Handlebar

Reference	Item number	Qty	Description	Contains	Technical Information
	1145 790 1016	1	Handle housing (1,2)	1, 2, 4 - 22	
	1145 790 1017	1	Handle housing (3)	1, 3 - 22	
1	1145 790 1014	1	Handle housing (1,2,3)		
2	1145 791 1700	1	Handlebar (1,2)		
3	1145 791 1702	1	Handlebar (3)		
4	9074 478 4425	1	Pan head self-tapping screw IS-P6x19 (1,2,3)		
5	1137 791 3101	1	Spring (1,2,3)		
6	1145 790 3800	1	AV mount (1,2,3)		
7	1145 790 8302	1	AV-Spring (1,2,3)		
8	9074 477 4130	1	Pan head self-tapping screw IS-P5x16 (1,2,3)		
9	1129 182 4500	1	Torsion spring (1,2,3)		
10	1145 182 1000	1	Throttle trigger (1,2,3)		
11	1129 182 0801	1	Lockout lever (1,2,3)		
12	1145 180 0900	1	Switch shaft (1,2,3)		
13	1145 182 0402	1	Double lever (1,2,3)		
14	1145 185 1900	1	Choke rod (1,2,3)		
15	1145 185 1902	1	Choke rod (1,2,3)		
16	1145 182 0400	1	Double lever (1,2,3)		
17	1145 182 1502	1	Throttle rod (1,2,3)		
18	1145 440 3000	1	Wiring harness (1,2,3)	19, 20	
19		1	Grommet (D) (1,2,3)		
20	1129 442 1600	1	Contact spring (1,2,3)		
21	1145 791 0600	1	Handle molding (1,2,3)		
22	9104 003 3004	3	Self-tapping screw P4x14 (1,2,3)		
23	9022 313 0679	2	Spline screw IS-M4x16 (1,2,3)		
24	0781 120 1109	1	Multipurpose grease 80 g (B) (1,2,3)		53.2008

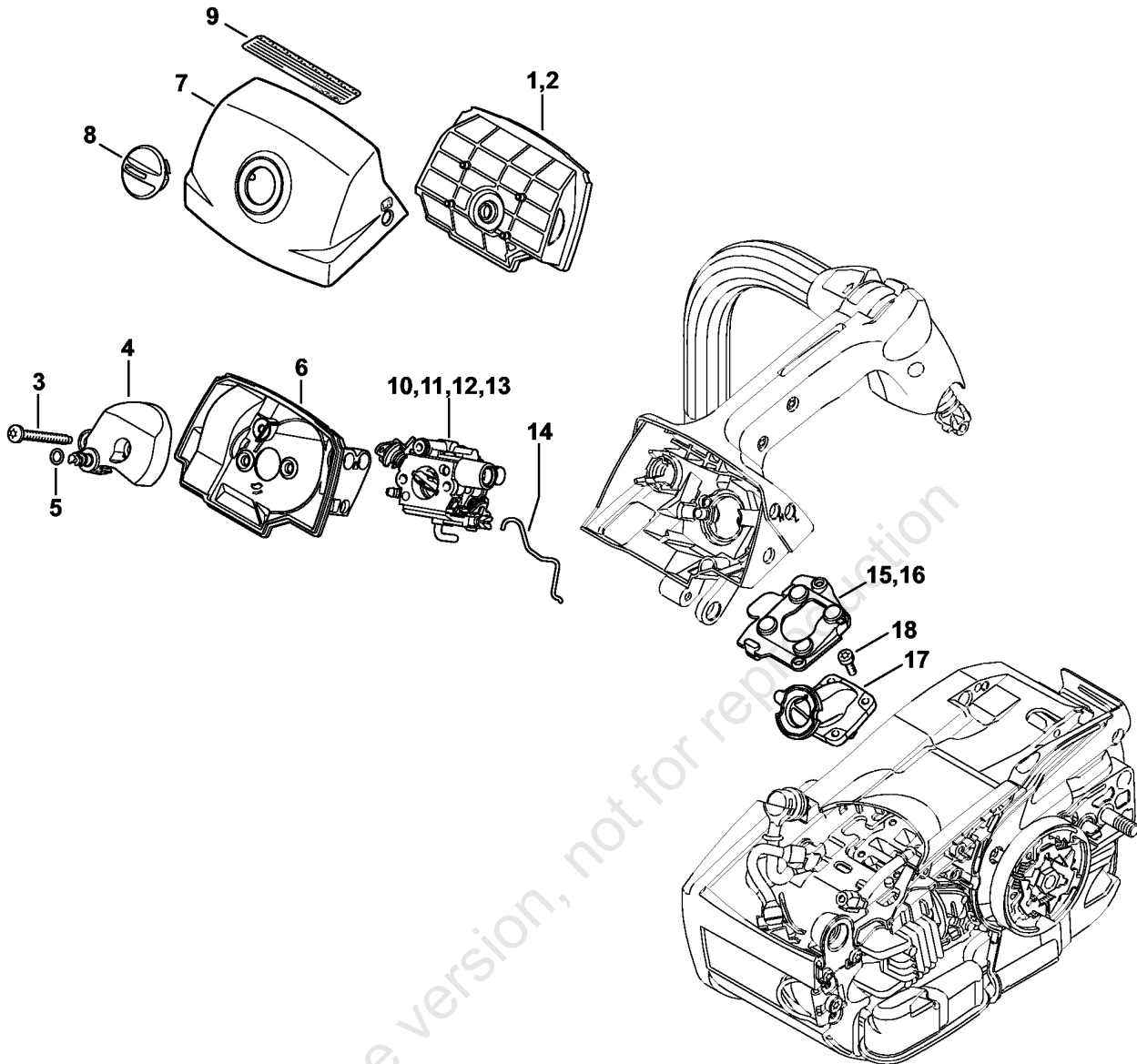


01.04.2021

Handle housing, Handlebar M-Tronic

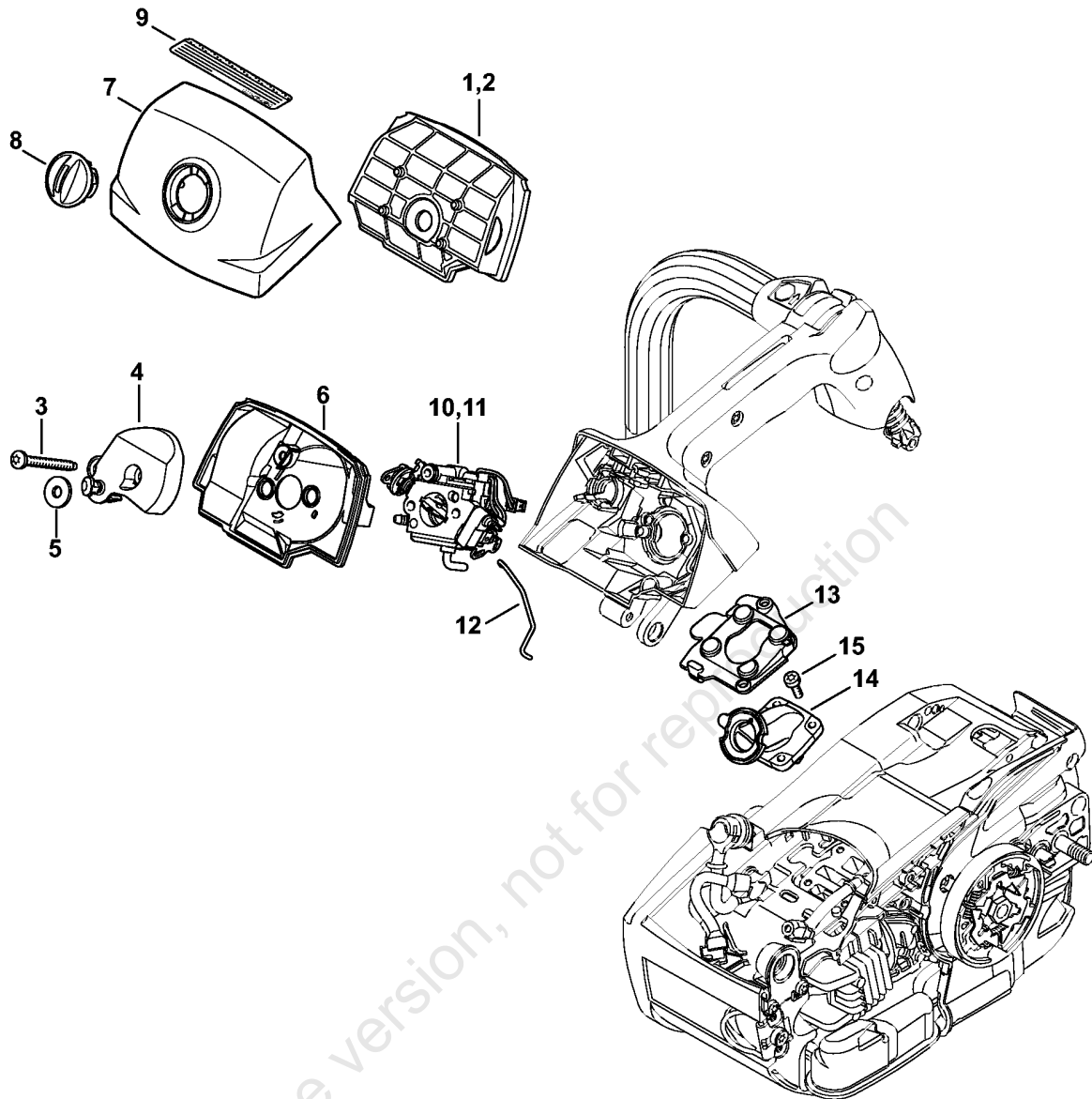
Reference	Item number	Qty	Description	Contains	Technical Information
	1145 790 1024	1	Handle housing (4,5)	1 - 17, 19 - 22	
	* 1145 790 1008	1	Handle housing (4,5)	1 - 16, 18 - 22	83.2017
1	1145 790 1006	1	Handle housing (4,5)		
2	1145 791 1700	1	Handlebar (4,5)		
3	9074 478 4425	1	Pan head self-tapping screw IS-P6x19 (4,5)		
4	1137 791 3101	1	Spring (4,5)		
5	1145 790 3800	1	AV mount (4,5)		
6	1145 790 8302	1	AV-Spring (4,5)		
7	9074 477 4130	1	Pan head self-tapping screw IS-P5x16 (4,5)		
8	1129 182 4500	1	Torsion spring (4,5)		
9	1145 182 1002	1	Throttle trigger (4,5)		
10	1129 182 0801	1	Lockout lever (4,5)		
11	1145 180 0902	1	Switch shaft (4,5)		
12	1145 182 0402	1	Double lever (4,5)		
13	1145 185 1904	1	Choke rod (4,5)		
14	1145 185 1906	1	Choke rod (4,5)		
15	1145 182 0400	1	Double lever (4,5)		
16	1145 182 1502	1	Throttle rod (4,5)		
17	1145 440 3006	1	Wiring harness (4,5)	19, 20	
18	* 1145 440 3002	1	Wiring harness (4,5)	19, 20	83.2017
19	9022 319 0340	1	Screw IS-M3x8 (4,5)		
20	1137 442 1600	1	Contact spring (4,5)		
21	1145 791 0602	1	Handle molding (4,5)		
22	9104 003 3004	3	Self-tapping screw P4x14 (4,5)		
23	9022 313 0679	2	Spline screw IS-M4x16 (4,5)		
24	1145 647 9102	1	Grommet (4,5)		
25	0781 120 1109	1	Multipurpose grease 80 g (B) (4,5)		53.2008

Air filter, Carburetor box cover



Air filter, Carburetor box cover

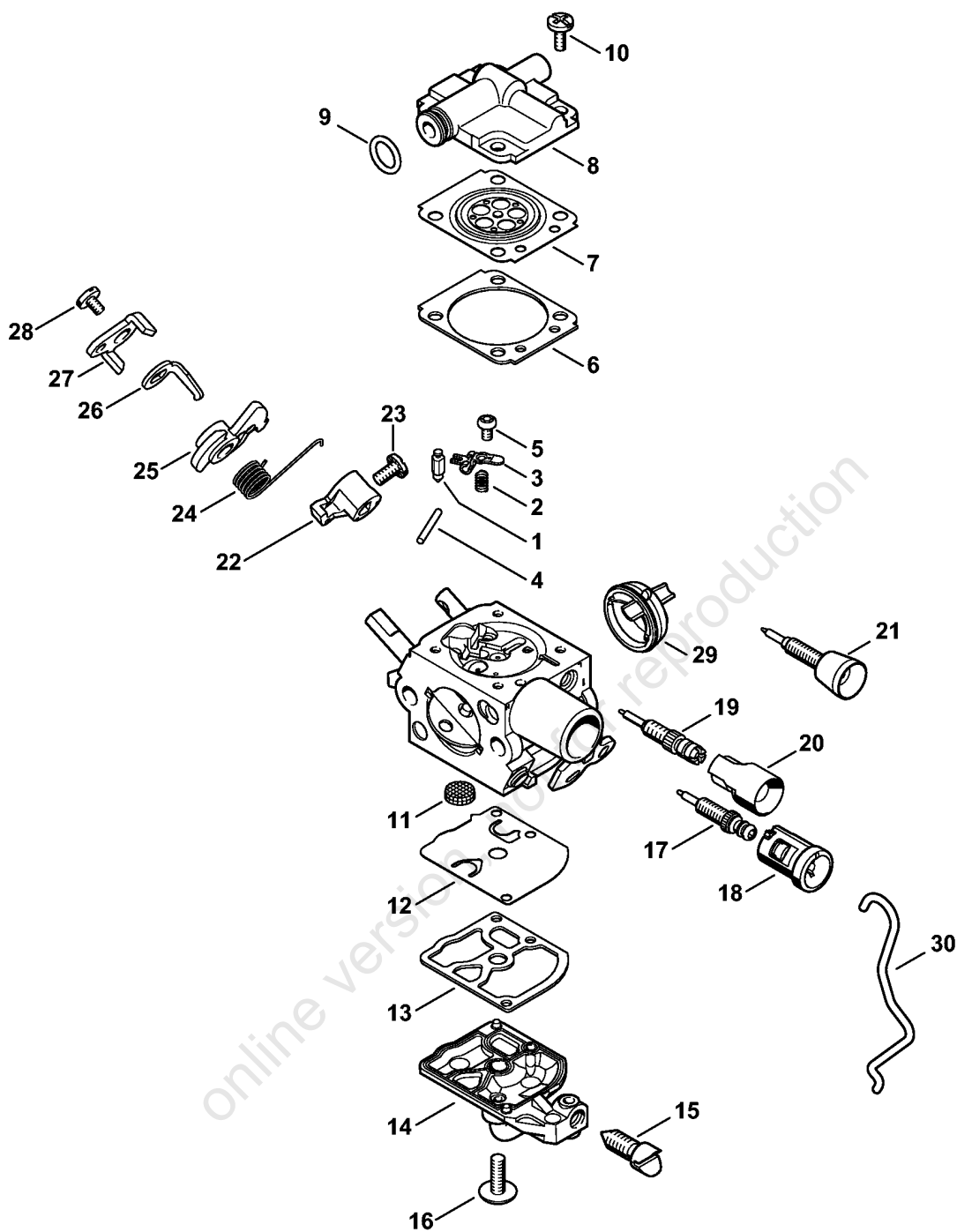
Reference	Item number	Qty	Description	Contains	Technical Information
1	1145 140 4400	1	Air filter, fleece (1,2,3)		
2	1145 140 4402	1	Air filter (B) (1,2,3)		
3	9022 500 1093	2	Spline screw IS-M5x44 (1,2,3)		
4	1145 120 4100	1	Intake baffle (1,2,3)	5	
5	9645 945 7444	1	O-ring 4x1.5 (1,2,3)		
6	1145 141 0900	1	Filter base (1,2,3)		
7	1145 140 1900	1	Carburetor box cover (1,2,3)	8	
8	1137 140 9200	1	Twist lock (1,2,3)		
9	0000 967 4068	1	Warning Spark arresting screen USA (2)		
10	1145 120 0617	1	Carburetor C1Q-S280C (1,2)		40.2012
11	1145 120 0618	1	Carburetor C1Q-S281B (3)		40.2012
12	* 1145 120 0652	1	Carburetor C1Q-S283B (1,2)	14	40.2013 40.2012
13	* 1145 120 0653	1	Carburetor C1Q-S284B (3)	14	40.2013 40.2012
14	1145 182 1504	1	Throttle rod (1,2,3)		40.2012
15	1145 353 7000	1	Cover (1,2)		
16	1145 353 7002	1	Cover (3)		
17	1145 140 2502	1	Manifold (1,2,3)		
18	9022 313 0660	4	Spline screw IS-M4x12 (1,2,3)		

Air filter, Carburetor box cover M-Tronic


(1) MS 201 T, (2) MS 201 T-Z, (3) MS 201 TC-E, (4) MS 201 TC-M, (5) MS 201 TC-M Z

Air filter, Carburetor box cover M-Tronic

Reference	Item number	Qty	Description	Contains
1	1145 140 4404	1	Air filter, fleece (4,5)	
2	1145 140 4406	1	Air filter PA (B) (4,5)	
3	9022 500 1093	2	Spline screw IS-M5x44 (4,5)	
4	1145 120 4105	1	Baffle (4,5)	5
5	1145 129 0901	1	Gasket (4,5)	
6	1145 141 0902	1	Filter base (4,5)	
7	1145 140 1904	1	Carburetor box cover (4,5)	8
8	1137 141 2301	1	Twist lock (4,5)	
9	0000 967 4068	1	Warning Spark arresting screen USA (5)	
10	1145 120 0622	1	Carburetor 1145/22 (4,5)	
11	* 1145 120 0616	1	Carburetor C1Q-S274C (4,5)	
12	1145 182 1506	1	Throttle rod (4,5)	
13	1145 353 7000	1	Cover (4,5)	
14	1145 140 2502	1	Manifold (4,5)	
15	9022 313 0660	4	Spline screw IS-M4x12 (4,5)	

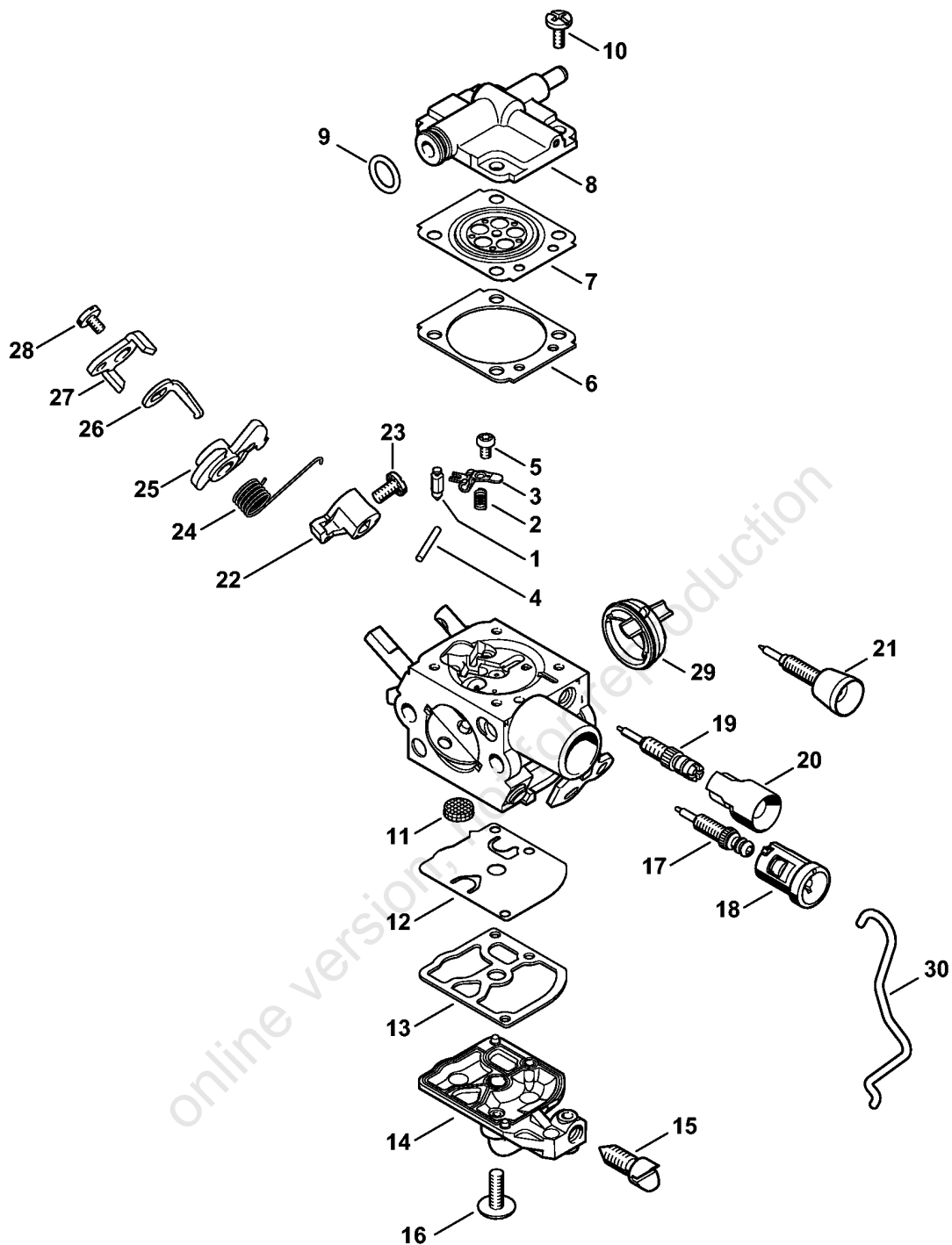


7012ET025 SC

Carburetor C1Q-S280, C1Q-S283

Reference	Item number	Qty	Description	Contains	Technical Information
	1145 120 0617	1	Carburetor C1Q-S280C (1,2)	1 - 20, 22 - 29	40.2012
	* 1145 120 0652	1	Carburetor C1Q-S283B (1,2)	1 - 18, 21 - 30	40.2012
1	Z000 018 Z000	1	Inlet needle (1,2)		
2	1145 122 3000	1	Spring (1,2)		
3	1125 121 5000	1	Inlet control lever (1,2)		
4	1120 121 9200	1	Spindle (1,2)		
5	0000 122 7101	1	Screw (1,2)		
6	1145 129 0900	1	Gasket (1,2)		
7	1145 121 4700	1	Metering diaphragm (1,2)		
8	1145 121 0800	1	End cover (1,2)		
9	9646 945 0490	1	O-ring 7x1.5 (1,2)		
10	1120 122 6601	4	Collar screw (1,2)		
11	1123 121 7800	1	Strainer (1,2)		
12	1129 121 4800	1	Pump diaphragm (1,2)		
13	1123 129 0905	1	Gasket (1,2)		
14	1145 120 2600	1	Pump cover (1,2)		
15	1145 122 6200	1	Idle speed screw (1,2)		
16	1120 122 7800	1	Oval head screw (1,2)		
17	1145 122 6700	1	High speed screw (1,2)		
18	1141 121 2704	1	Cap (1,2)		
19	1145 120 6800	1	Low speed screw (1,2)	20	40.2012
20	0000 121 2703	1	Cap (1,2)		40.2012
21	* 4228 122 6801	1	Low speed screw (1,2)		40.2012
22	1145 121 3501	1	Throttle lever (1,2)		
23	4132 122 6600	1	Collar screw (1,2)		
24	1145 122 3201	1	Torsion spring (1,2)		
25	1145 123 0800	1	Detent lever (1,2)		
26	1145 121 6600	1	Lever (1,2)		
27	1145 121 6601	1	Lever (1,2)		
28	1139 122 7101	1	Screw (1,2)		
29	1145 141 1800	1	Sleeve (1,2)		
30	1145 182 1504	1	Throttle rod (1,2)		40.2012
	1145 007 1700	1	Set of carburetor parts (1,2)	6, 7, 12, 13	

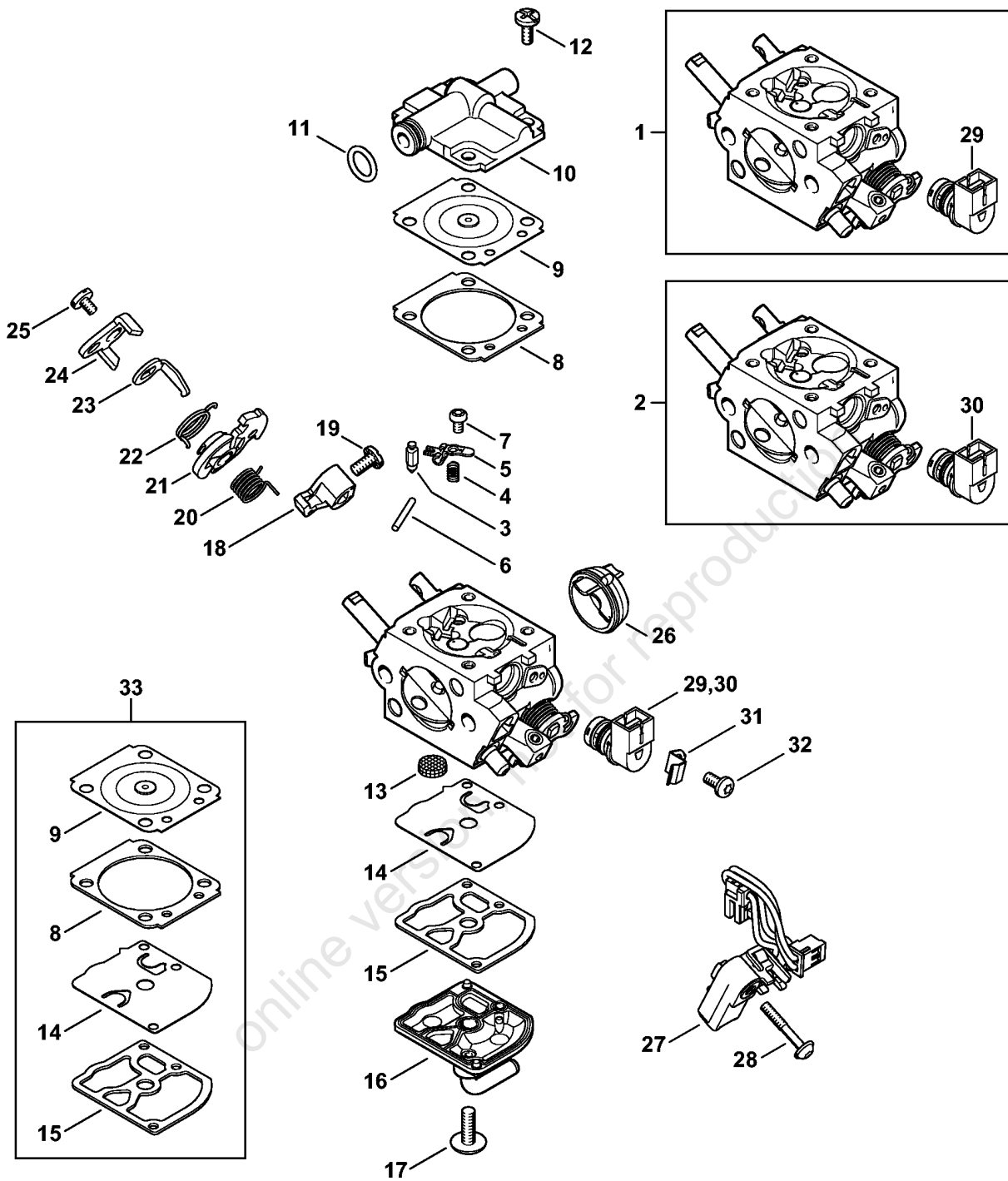
(1) MS 201 T, (2) MS 201 T-Z, (3) MS 201 TC-E, (4) MS 201 TC-M, (5) MS 201 TC-M Z



7012ET026 SC

Carburetor C1Q-S281, C1Q-S284

Reference	Item number	Qty	Description	Contains	Technical Information
	1145 120 0618	1	Carburetor C1Q-S281B (3)	1 - 20, 22 - 29	40.2012
	* 1145 120 0653	1	Carburetor C1Q-S284B (3)	1 - 18, 21 - 30	40.2012
1	Z000 018 Z000	1	Inlet needle (3)		
2	1145 122 3000	1	Spring (3)		
3	1125 121 5000	1	Inlet control lever (3)		
4	1120 121 9200	1	Spindle (3)		
5	0000 122 7101	1	Screw (3)		
6	1145 129 0900	1	Gasket (3)		
7	1145 121 4700	1	Metering diaphragm (3)		
8	1145 121 0801	1	End cover (3)		
9	9646 945 0490	1	O-ring 7x1.5 (3)		
10	1120 122 6601	4	Collar screw (3)		
11	1123 121 7800	1	Strainer (3)		
12	1129 121 4800	1	Pump diaphragm (3)		
13	1123 129 0905	1	Gasket (3)		
14	1145 120 2600	1	Pump cover (3)		
15	1145 122 6200	1	Idle speed screw (3)		
16	1120 122 7800	1	Oval head screw (3)		
17	1145 122 6700	1	High speed screw (3)		
18	1141 121 2704	1	Cap (3)		
19	1145 120 6800	1	Low speed screw (3)	20	40.2012
20	0000 121 2703	1	Cap (3)		40.2012
21	* 4228 122 6801	1	Low speed screw (3)		40.2012
22	1145 121 3501	1	Throttle lever (3)		
23	4132 122 6600	1	Collar screw (3)		
24	1145 122 3201	1	Torsion spring (3)		
25	1145 123 0800	1	Detent lever (3)		
26	1145 121 6600	1	Lever (3)		
27	1145 121 6601	1	Lever (3)		
28	1139 122 7101	1	Screw (3)		
29	1145 141 1800	1	Sleeve (3)		
30	1145 182 1504	1	Throttle rod (3)		40.2012
	1145 007 1700	1	Set of carburetor parts (3)	6, 7, 12, 13	



1145-GET-0019-A0

Carburetor 1145/22, 1145/27, C1Q-S274

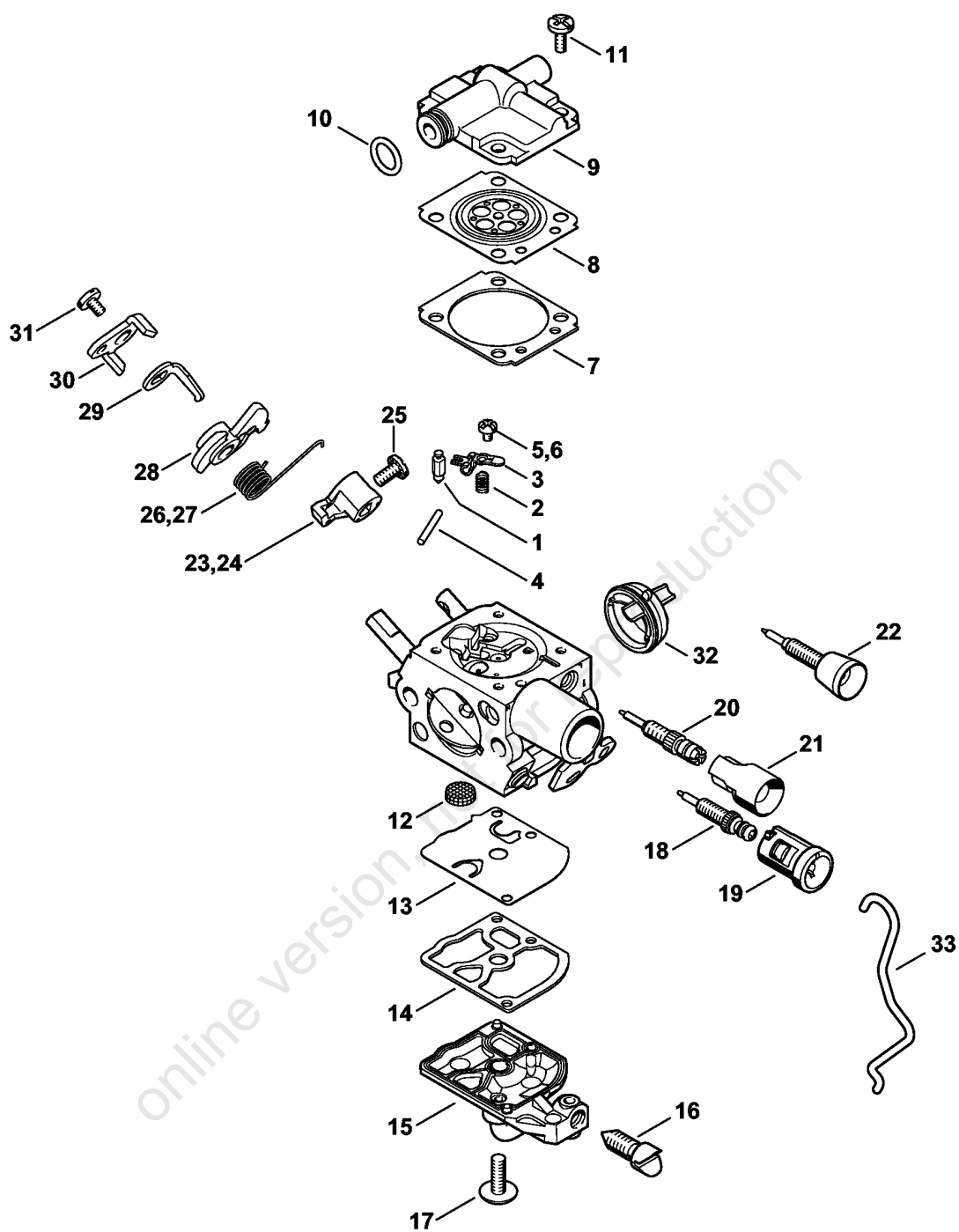
Reference	Item number	Qty	Description	Contains	Up to	From Machine
1	1145 120 0622	1	Carburetor 1145/22 (4,5)	3 - 29, 31, 32		
2	* 1145 120 0616	1	Carburetor C1Q-S274C (4,5)	3 - 28, 30 - 32		
3	Z000 018 Z000	1	Inlet needle (4,5)			
4	1145 122 3000	1	Spring (4,5)			
5	1125 121 5000	1	Inlet control lever (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 0700	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 1000	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)			186665310
30	* 0000 120 5110	1	Solenoid valve (4,5)		186642778	
31	0000 121 2301	1	Support (4,5)			
32	0000 122 7103	1	Screw (4,5)			

(1) MS 201 T, (2) MS 201 T-Z, (3) MS 201 TC-E, (4) MS 201 TC-M, (5) MS 201 TC-M Z

Carburetor 1145/22, 1145/27, C1Q-S274

Reference	Item number	Qty	Description	Contains	Up to	From Machine
33	1145 007 1700	1	Set of carburetor parts (4,5)	8, 9, 14, 15		

online version, not for reproduction



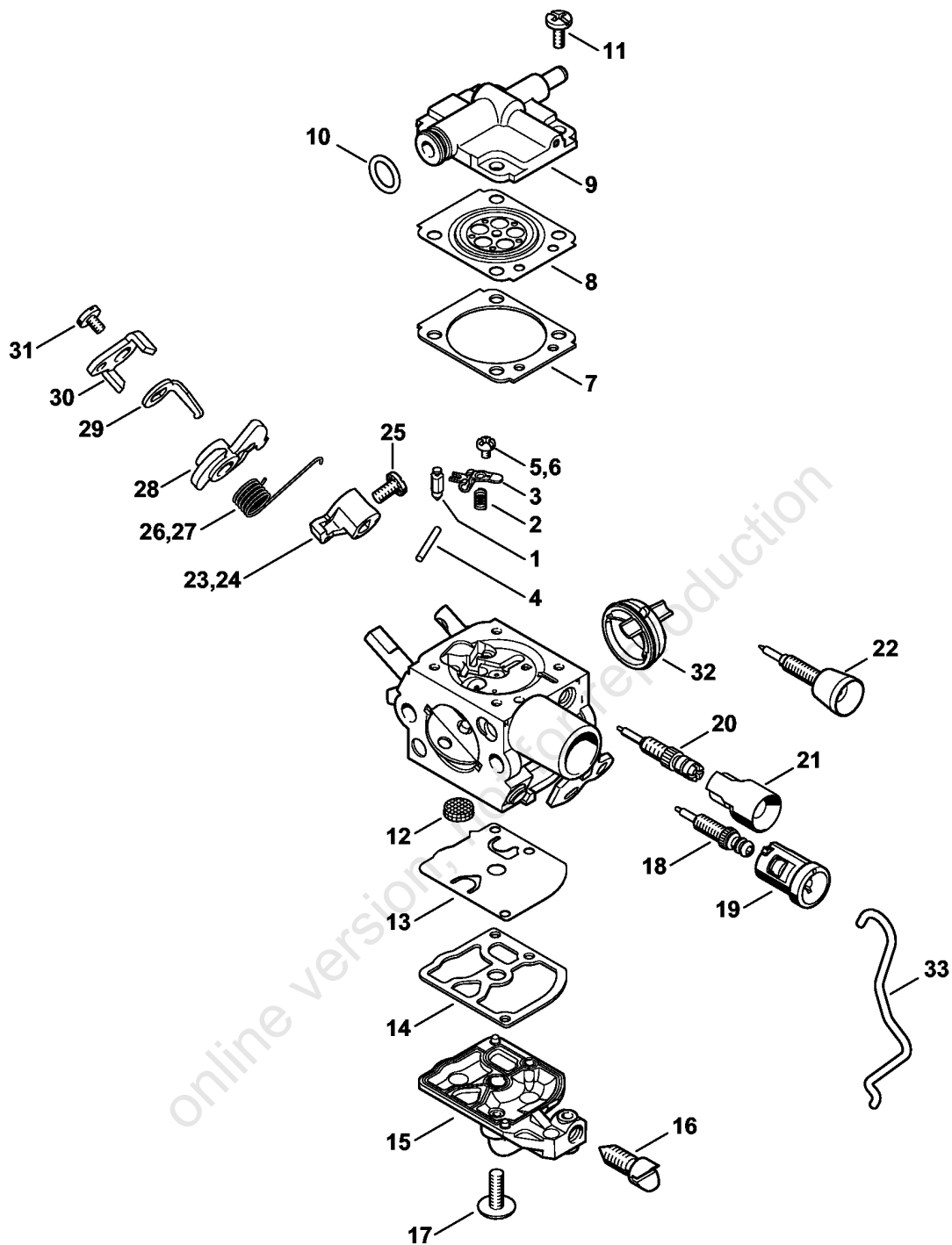
Carburetor C1Q-S250, C1Q-S248, C1Q-S214, C1Q-S188

Reference	Item number	Qty	Description	Contains	Technical Information
	* 1145 120 0608	1	Carburetor C1Q-S250 (C) (1,2)	1 - 5, 7 - 21, 23, 25, 26, 28 - 32	40.2013 40.2012
	* 1145 120 0650	1	Carburetor C1Q-S248 (C) (1,2)	1 - 5, 7 - 19, 22, 23, 25, 26, 28 - 33	40.2013 40.2012
	* 1145 120 0604	1	Carburetor C1Q-S214 (C) (1,2)	1 - 5, 7 - 19, 22, 24, 25, 27 - 32	40.2012
	* 1145 120 0600	1	Carburetor C1Q-S188 (C) (1,2)	1 - 4, 6 - 19, 22, 24, 25, 27 - 32	39.2011
1	* Z000 018 Z000	1	Inlet needle (1,2)		40.2013
2	* 1145 122 3000	1	Spring (1,2)		40.2013
3	* 1125 121 5000	1	Inlet control lever (1,2)		40.2013
4	* 1120 121 9200	1	Spindle (1,2)		40.2013
5	* 0000 122 7101	1	Screw (1,2)		40.2013
6	* 4241 122 6600	1	Collar screw (1,2)		39.2011
7	* 1145 129 0900	1	Gasket (1,2)		40.2013
8	* 1145 121 4700	1	Metering diaphragm (1,2)		40.2013
9	* 1145 121 0800	1	End cover (1,2)		40.2013
10	* 9646 945 0490	1	O-ring 7x1.5 (1,2)		40.2013
11	* 1120 122 6601	4	Collar screw (1,2)		40.2013
12	* 1123 121 7800	1	Strainer (1,2)		40.2013
13	* 1129 121 4800	1	Pump diaphragm (1,2)		40.2013
14	* 1123 129 0905	1	Gasket (1,2)		40.2013
15	* 1145 120 2600	1	Pump cover (1,2)		40.2013
16	* 1145 122 6200	1	Idle speed screw (1,2)		40.2013
17	* 1120 122 7800	1	Oval head screw (1,2)		40.2013
18	* 1145 122 6700	1	High speed screw (1,2)		40.2013
19	* 1141 121 2704	1	Cap (1,2)		40.2013
20	* 1145 120 6800	1	Low speed screw (1,2)	21	40.2013 40.2012
21	* 0000 121 2703	1	Cap (1,2)		40.2013 40.2012
22	* 4228 122 6801	1	Low speed screw (1,2)		40.2013 40.2012
23	* 1145 121 3501	1	Throttle lever (1,2)		40.2013
24	* 1145 121 3500	1	Throttle lever (1,2)		40.2013 40.2012
25	* 4132 122 6600	1	Collar screw (1,2)		40.2013
26	* 1145 122 3201	1	Torsion spring (1,2)		40.2013
27	* 1145 122 3200	1	Torsion spring (1,2)		40.2013 40.2012
28	* 1145 123 0800	1	Detent lever (1,2)		40.2013
29	* 1145 121 6600	1	Lever (1,2)		40.2013

(1) MS 201 T, (2) MS 201 T-Z, (3) MS 201 TC-E, (4) MS 201 TC-M, (5) MS 201 TC-M Z

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

Reference		Item number	Qty	Description	Contains	Technical Information
30	*	1145 121 6601	1	Lever (1,2)		40.2013
31	*	1139 122 7101	1	Screw (1,2)		40.2013
32	*	1145 141 1800	1	Sleeve (1,2)		40.2013
33	*	1145 182 1504	1	Throttle rod (1,2)		40.2012
	*	1145 007 1700	1	Set of carburetor parts (1,2)	7, 8, 13, 14	40.2013



7012ET024 SC

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



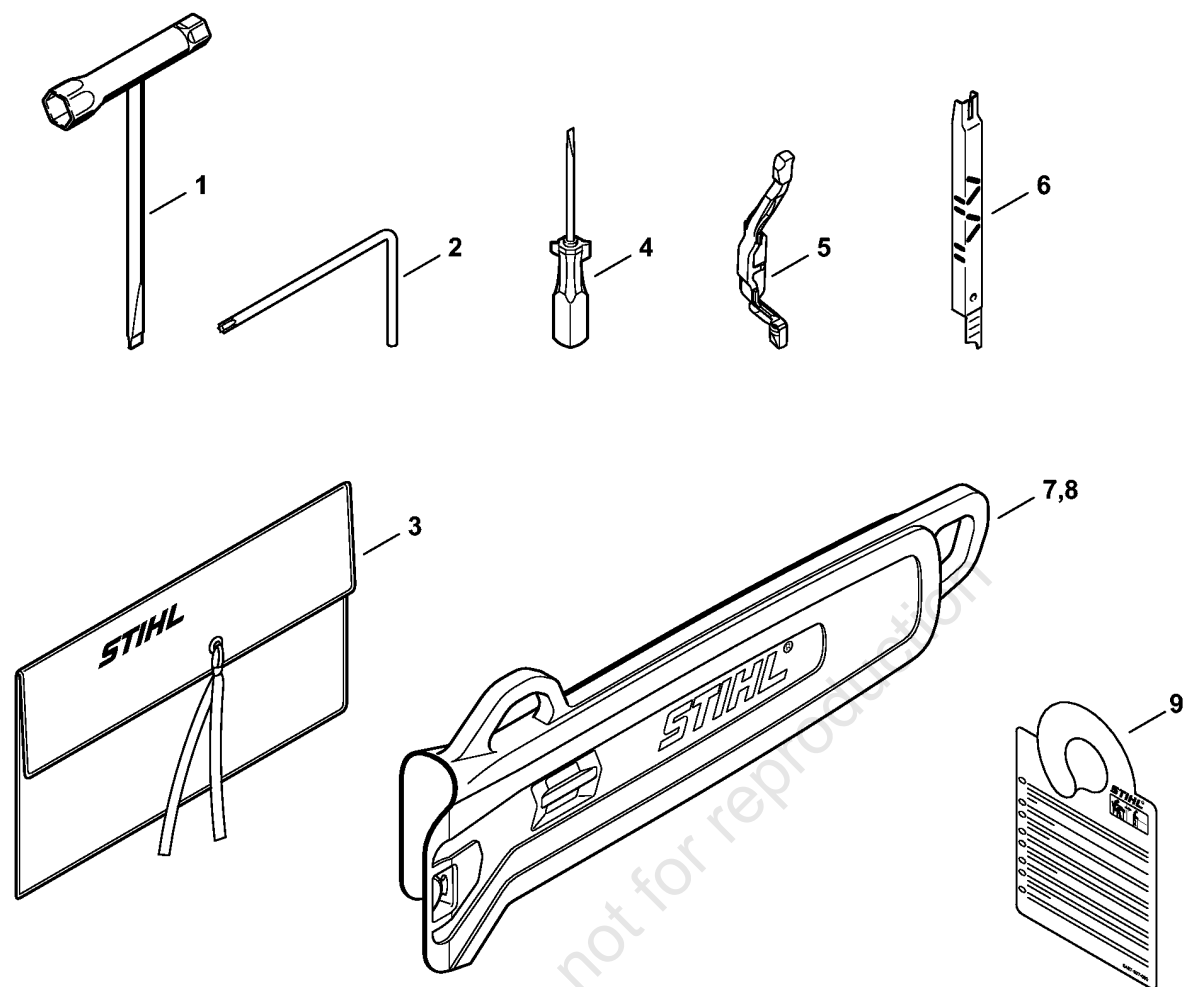
Reference	Item number	Qty	Description	Contains	Technical Information
	* 1145 120 0609	1	Carburetor C1Q-S251 (C) (3)	1 - 5, 7 - 21, 23, 25, 26, 28 - 32	40.2013 40.2012
	* 1145 120 0651	1	Carburetor C1Q-S249 (C) (3)	1 - 5, 7 - 19, 22, 23, 25, 26, 28 - 33	40.2013 40.2012
	* 1145 120 0605	1	Carburetor C1Q-S215 (C) (3)	1 - 5, 7 - 19, 22, 24, 25, 27 - 32	40.2012
	* 1145 120 0602	1	Carburetor C1Q-S189 (C) (3)	1 - 4, 6 - 19, 22, 24, 25, 27 - 32	39.2011
1	* Z000 018 Z000	1	Inlet needle (3)		40.2013
2	* 1145 122 3000	1	Spring (3)		40.2013
3	* 1125 121 5000	1	Inlet control lever (3)		40.2013
4	* 1120 121 9200	1	Spindle (3)		40.2013
5	* 0000 122 7101	1	Screw (3)		40.2013
6	* 4241 122 6600	1	Collar screw (3)		39.2011
7	* 1145 129 0900	1	Gasket (3)		40.2013
8	* 1145 121 4700	1	Metering diaphragm (3)		40.2013
9	* 1145 121 0801	1	End cover (3)		40.2013
10	* 9646 945 0490	1	O-ring 7x1.5 (3)		40.2013
11	* 1120 122 6601	4	Collar screw (3)		40.2013
12	* 1123 121 7800	1	Strainer (3)		40.2013
13	* 1129 121 4800	1	Pump diaphragm (3)		40.2013
14	* 1123 129 0905	1	Gasket (3)		40.2013
15	* 1145 120 2600	1	Pump cover (3)		40.2013
16	* 1145 122 6200	1	Idle speed screw (3)		40.2013
17	* 1120 122 7800	1	Oval head screw (3)		40.2013
18	* 1145 122 6700	1	High speed screw (3)		40.2013
19	* 1141 121 2704	1	Cap (3)		40.2013
20	* 1145 120 6800	1	Low speed screw (3)	21	40.2013 40.2012
21	* 0000 121 2703	1	Cap (3)		40.2013 40.2012
22	* 4228 122 6801	1	Low speed screw (3)		40.2013 40.2012
23	* 1145 121 3501	1	Throttle lever (3)		40.2013
24	* 1145 121 3500	1	Throttle lever (3)		40.2013 40.2012
25	* 4132 122 6600	1	Collar screw (3)		40.2013
26	* 1145 122 3201	1	Torsion spring (3)		40.2013
27	* 1145 122 3200	1	Torsion spring (3)		40.2013 40.2012
28	* 1145 123 0800	1	Detent lever (3)		40.2013
29	* 1145 121 6600	1	Lever (3)		40.2013

(1) MS 201 T, (2) MS 201 T-Z, (3) MS 201 TC-E, (4) MS 201 TC-M, (5) MS 201 TC-M Z

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

Reference		Item number	Qty	Description	Contains	Technical Information
30	*	1145 121 6601	1	Lever (3)		40.2013
31	*	1139 122 7101	1	Screw (3)		40.2013
32	*	1145 141 1800	1	Sleeve (3)		40.2013
33	*	1145 182 1504	1	Throttle rod (3)		40.2012
	*	1145 007 1700	1	Set of carburetor parts (3)	7, 8, 13, 14	40.2013

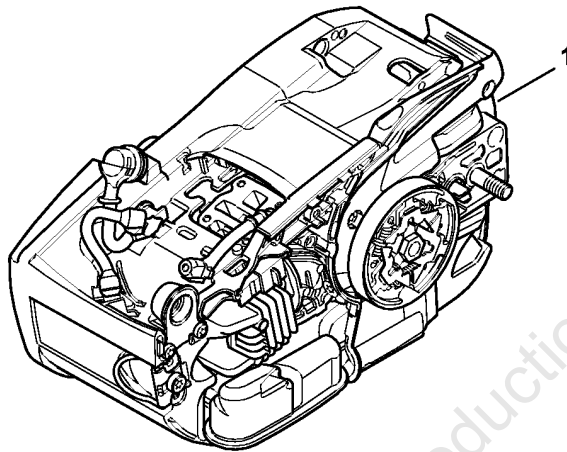
online version, not for reproduction



Tools, Extras

Reference	Item number	Qty	Description	Contains
	1145 890 1400	1	Tool kit (1,2,3)	1 - 4
	1145 890 1401	1	Tool kit (4,5)	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)	
5	1145 893 5900	1	Locking strip (B)	
6	1110 893 4000	1	Filing gauge (B)	
7	0000 792 9160	1	Chain scabbard Tophandle 35 cm	
8	0000 792 9161	1	Chain scabbard Tophandle 40 cm	
9	0457 927 0002	1	Hang tag	

online version, not for reproduction



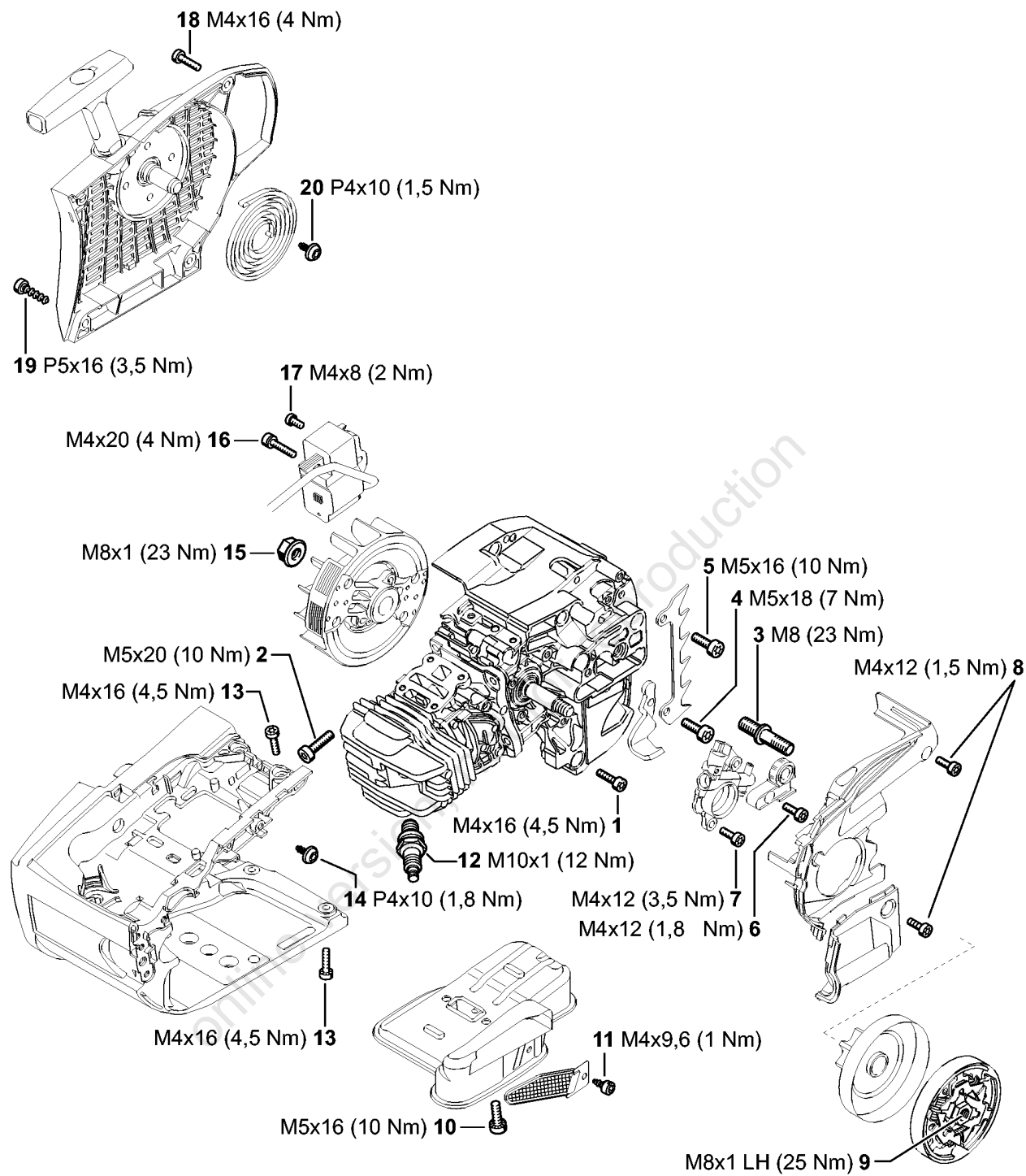
online version, not for reproduction

7012ET018 SC

Serial number

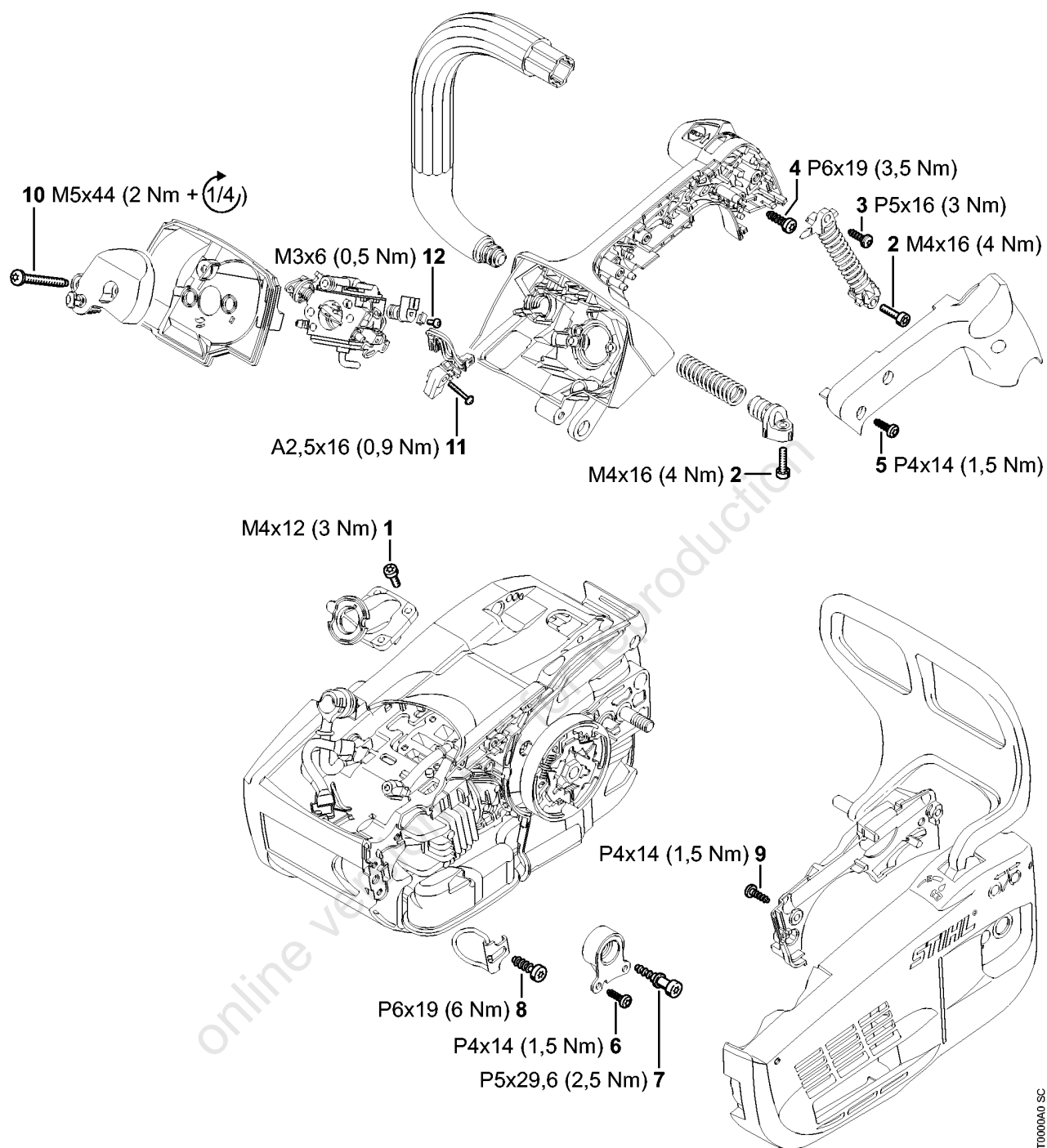
Reference	Qty	Description
1	1	Position of serial number

online version, not for reproduction



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)
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



1145GET000A0 SC

Tightening torques

Reference	Item number	Qty	Description
1	9022 313 0660	4	Spline screw IS-M4x12 Binding thread
2	9022 313 0679	2	Spline screw IS-M4x16 micro-encapsulated
3	9074 477 4130	1	Pan head self-tapping screw IS-P5x16
4	9074 478 4425	1	Pan head self-tapping screw IS-P6x19
5	9104 003 3004	3	Self-tapping screw P4x14
6	9104 003 3004	2	Self-tapping screw P4x14
7	1129 791 6100	1	Screw
8	9074 478 4435	1	Pan head self-tapping screw IS-P6x19
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)
12	0000 122 7103	1	Screw (4,5)