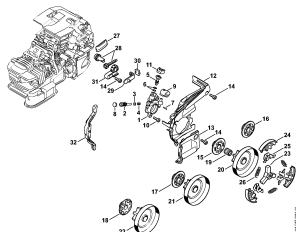
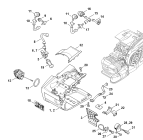


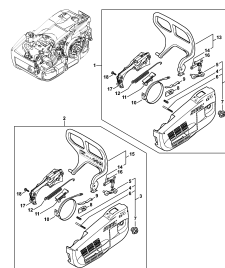
Crankcase, Cylinder,
Muffler



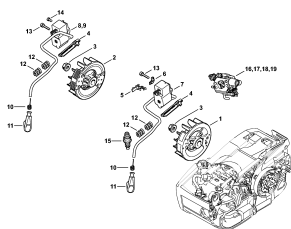
Oil pump, Clutch



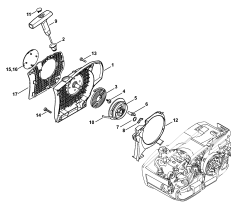
Tank housing



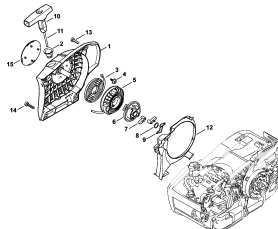
Chain sprocket cover,
Hand guard



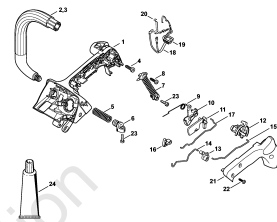
Ignition system



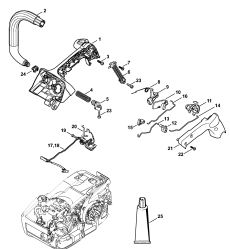
Rewind starter



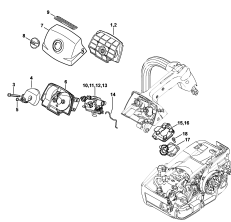
Rewind starter
ErgoStart/Easy2Start



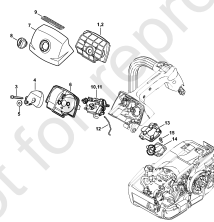
Handle housing, Handlebar



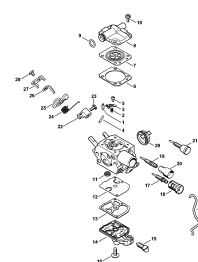
Handle housing, Handlebar
M-Tronic



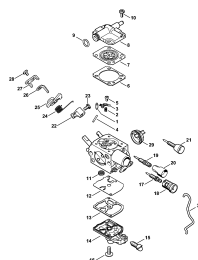
Air filter, Carburetor box
cover



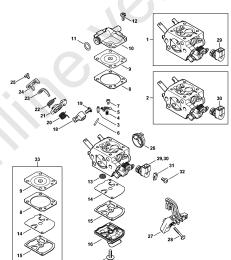
Air filter, Carburetor box
cover M-Tronic



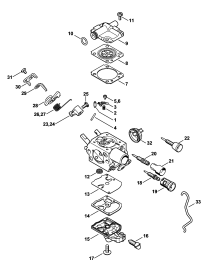
Carburetor C1Q-S280, C1Q-
S283



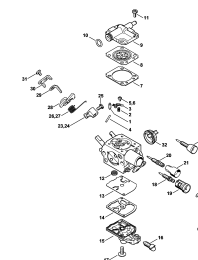
Carburetor C1Q-S281, C1Q-
S284



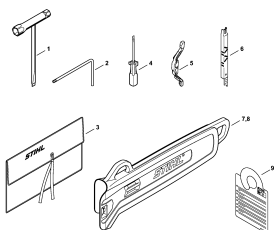
Carburetor 1145/22,
1145/27, C1Q-S274



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



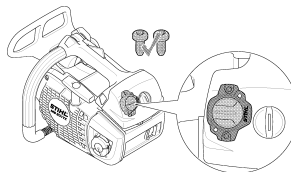
Carburetor C1Q-S251, C1Q-
S249, C1Q-S215, C1Q-
S189



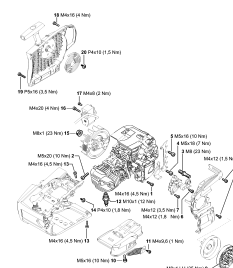
Tools, Extras



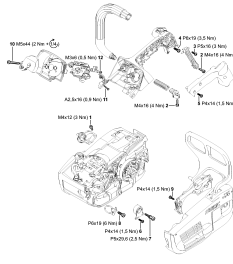
Serial number



Smart Connector



Tightening torques

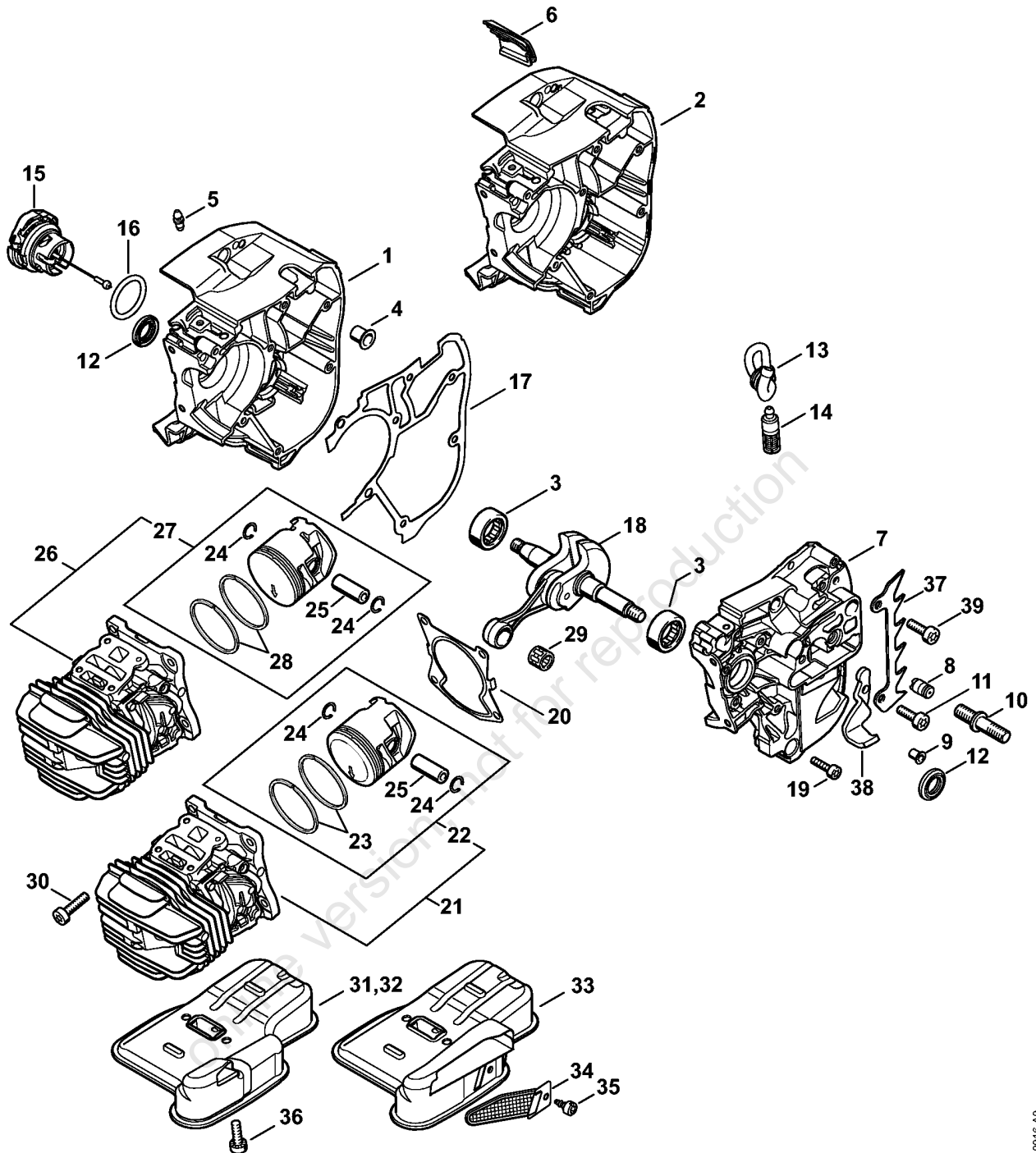


Tightening torques

(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

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		

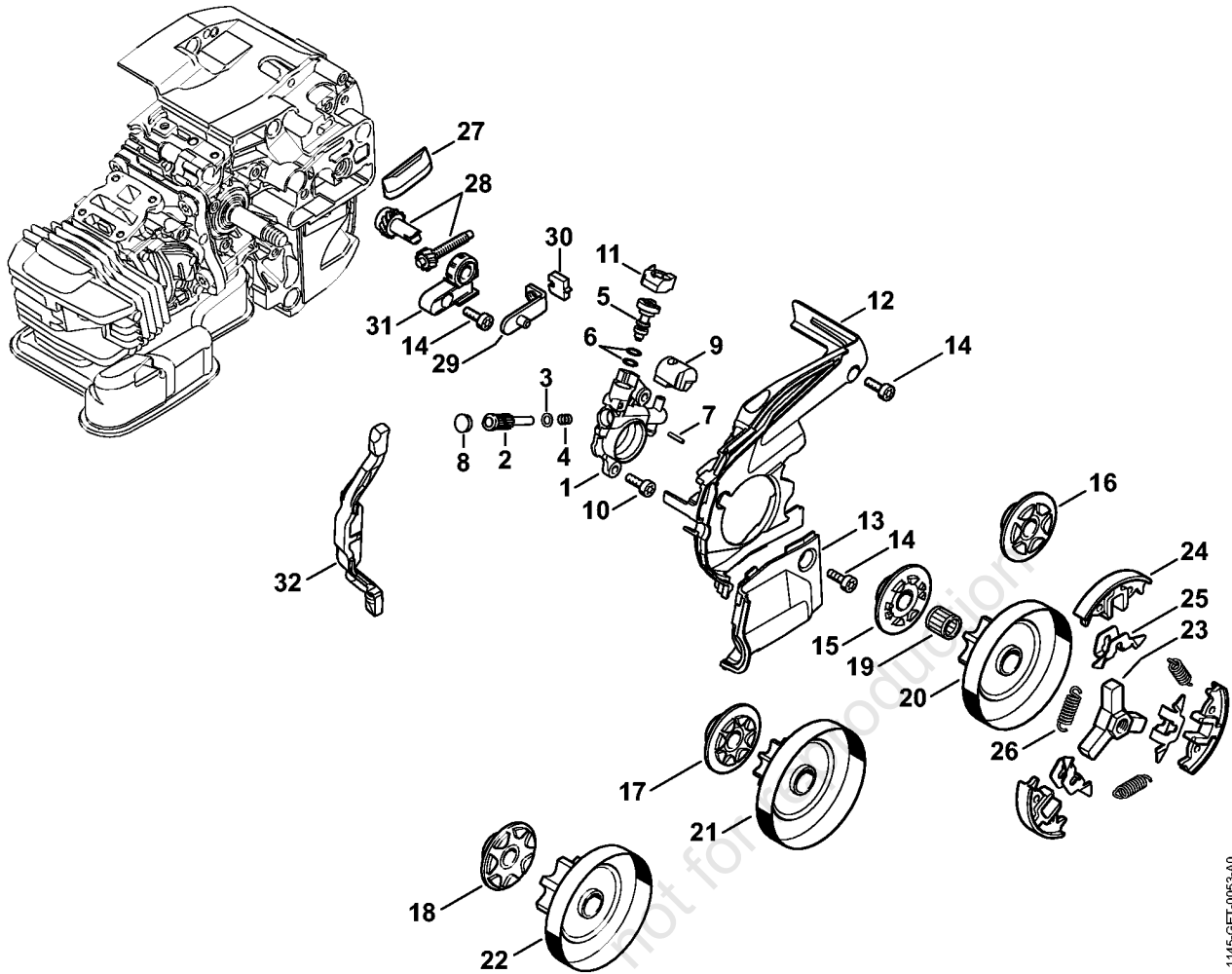
(1) MS 201 T, (2) MS 201 T-Z, (3) MS 201 TC-E, (4) MS 201 TC-M, (5) MS 201 TC-M Z

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

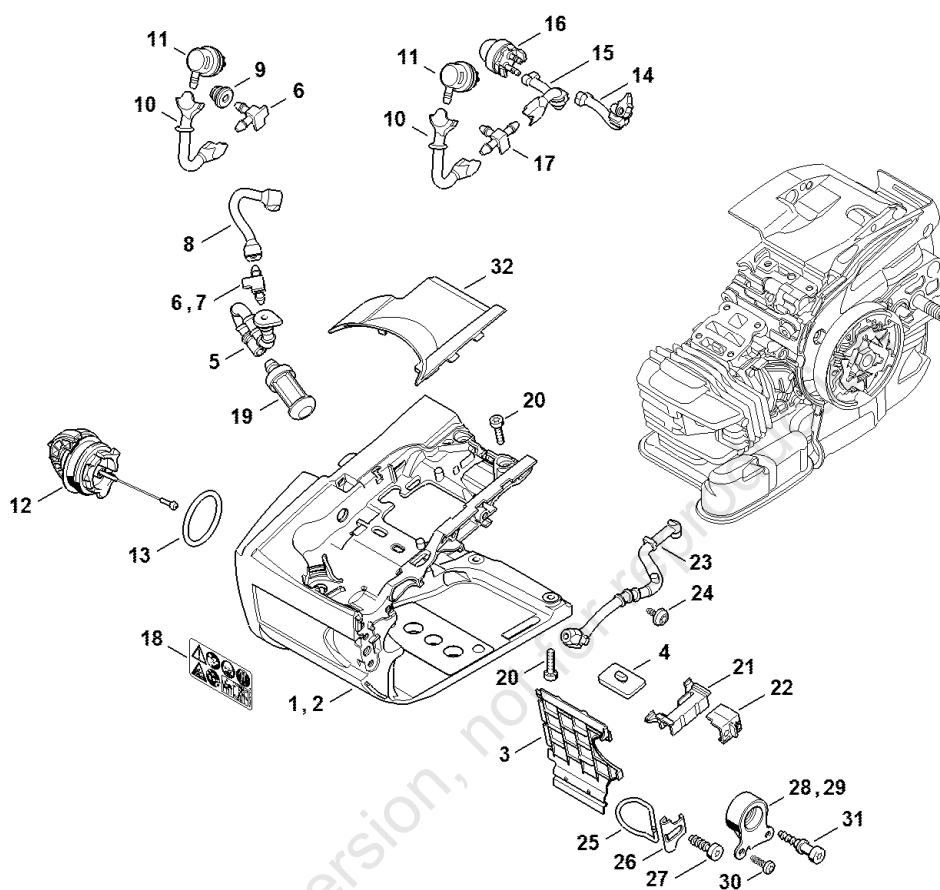
Oil pump, Clutch



1145-GET-0053-A0

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)	

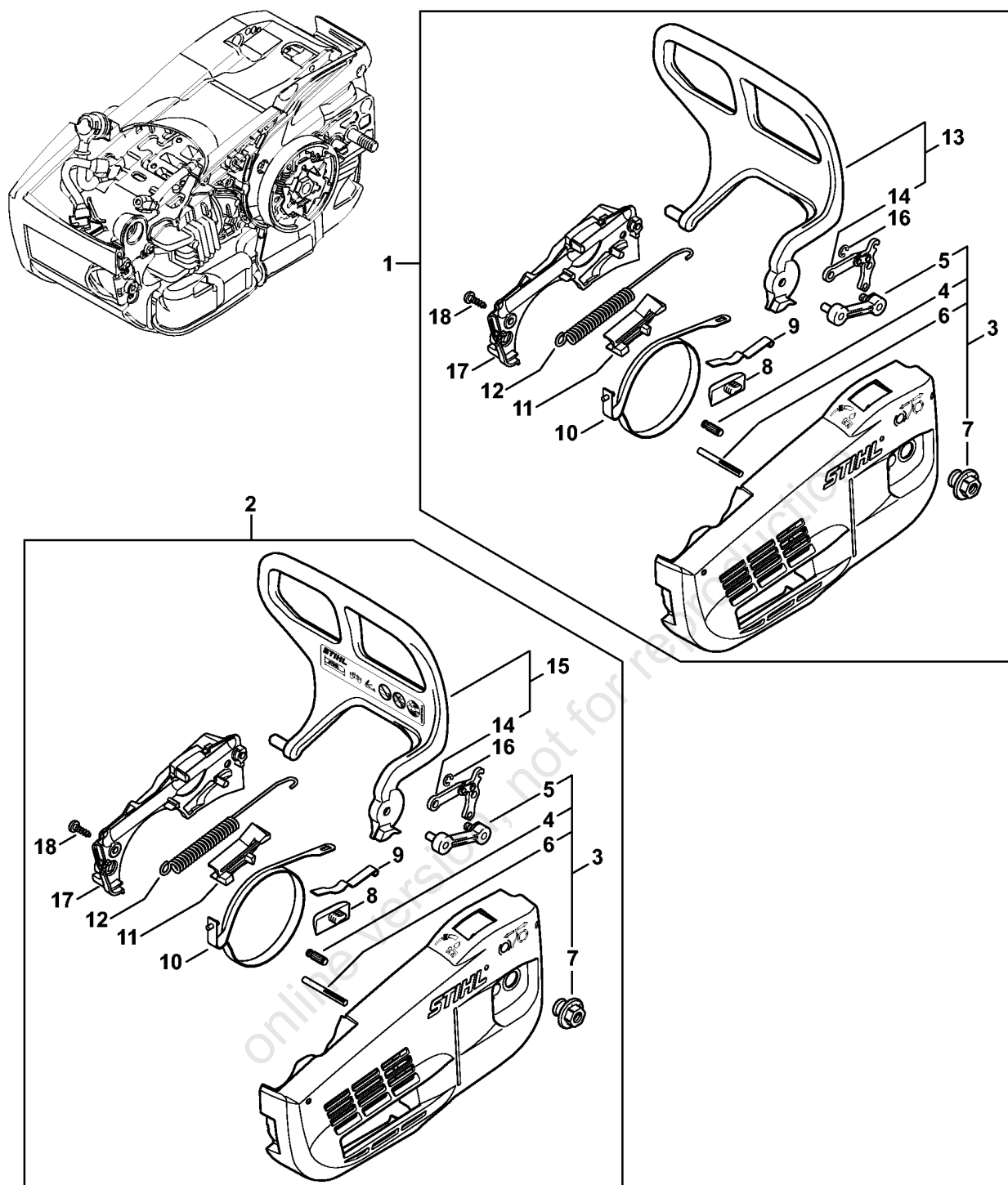


1145-GET 0055-A1

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

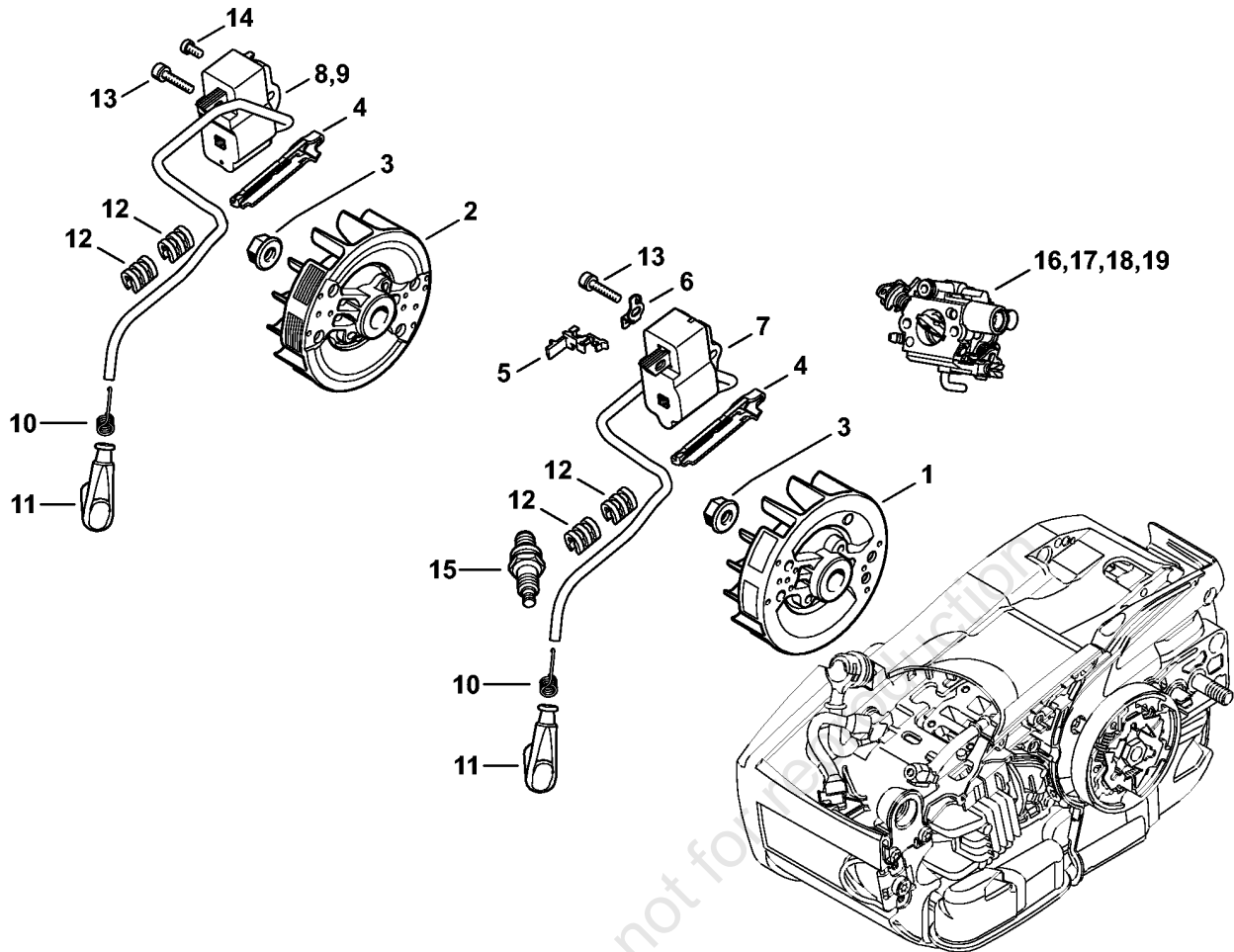


1145-GET-0012-A0

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)	

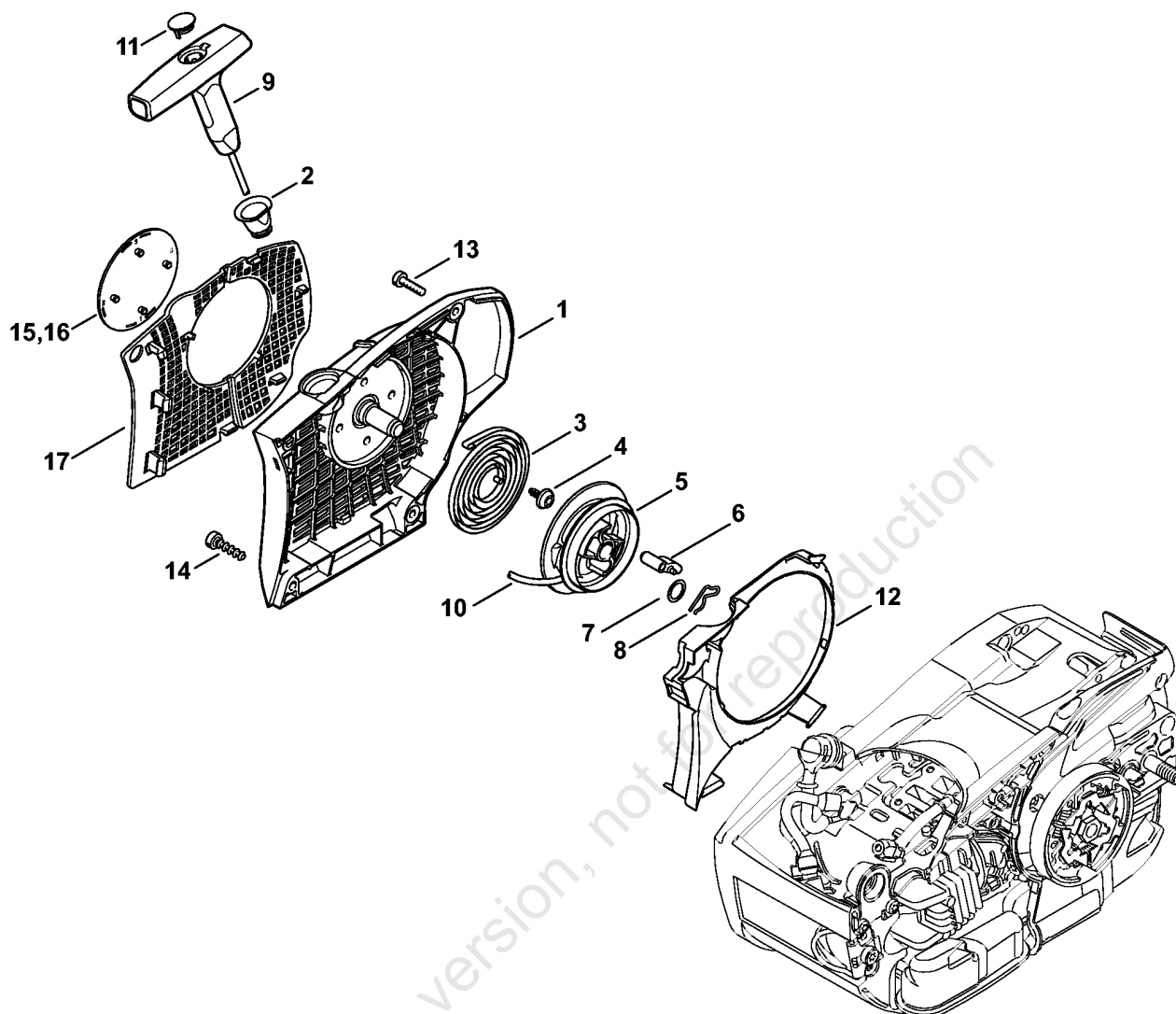
Ignition system



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

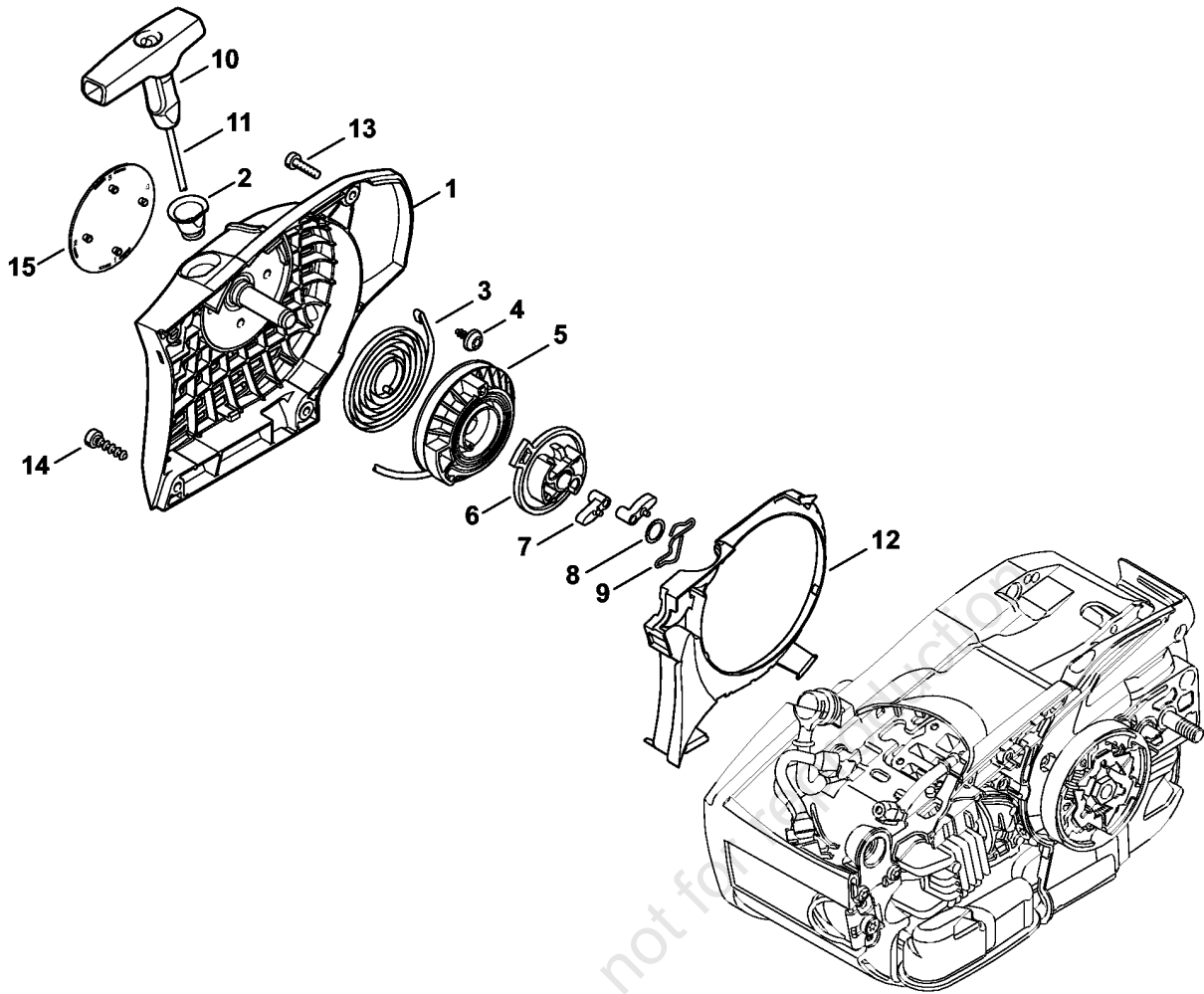


7012ET038 SC

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

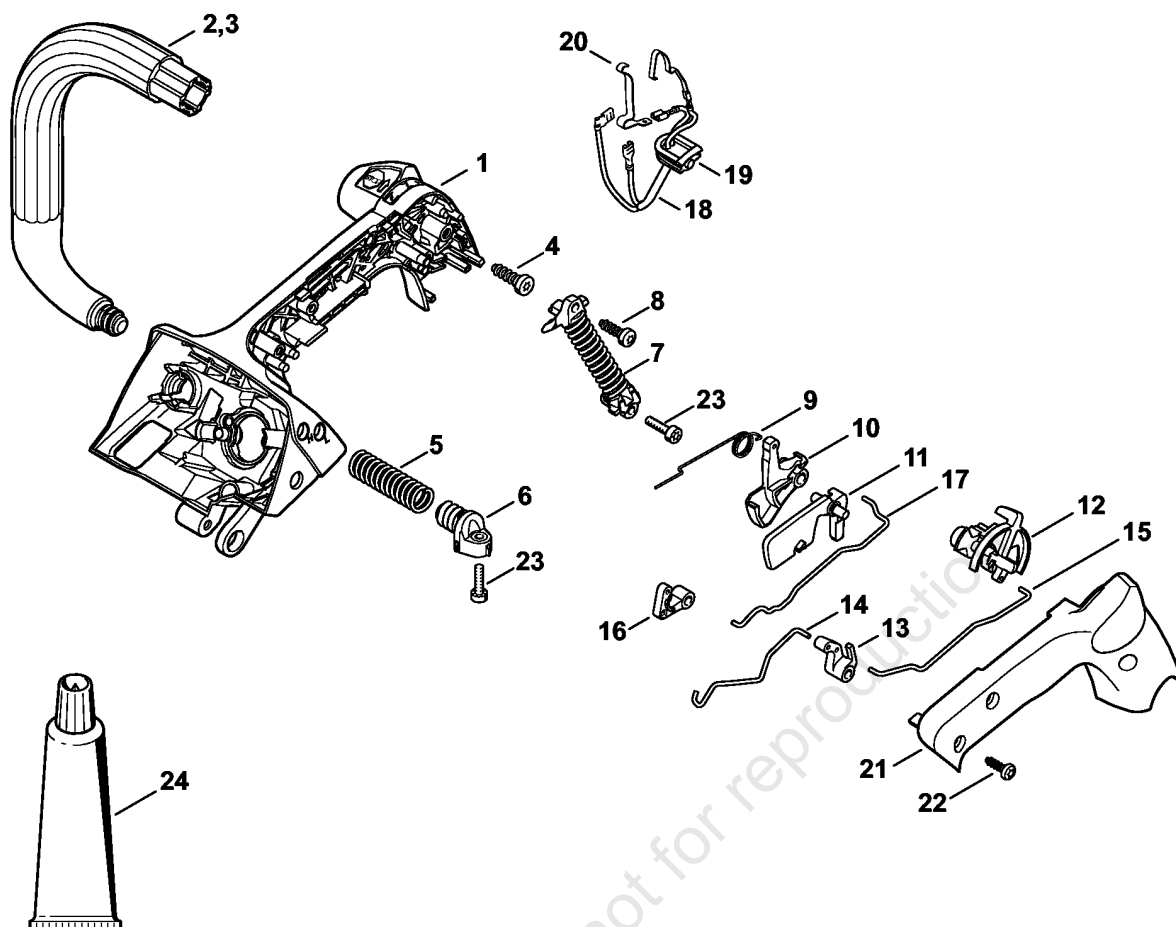


7012ET006 SC

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

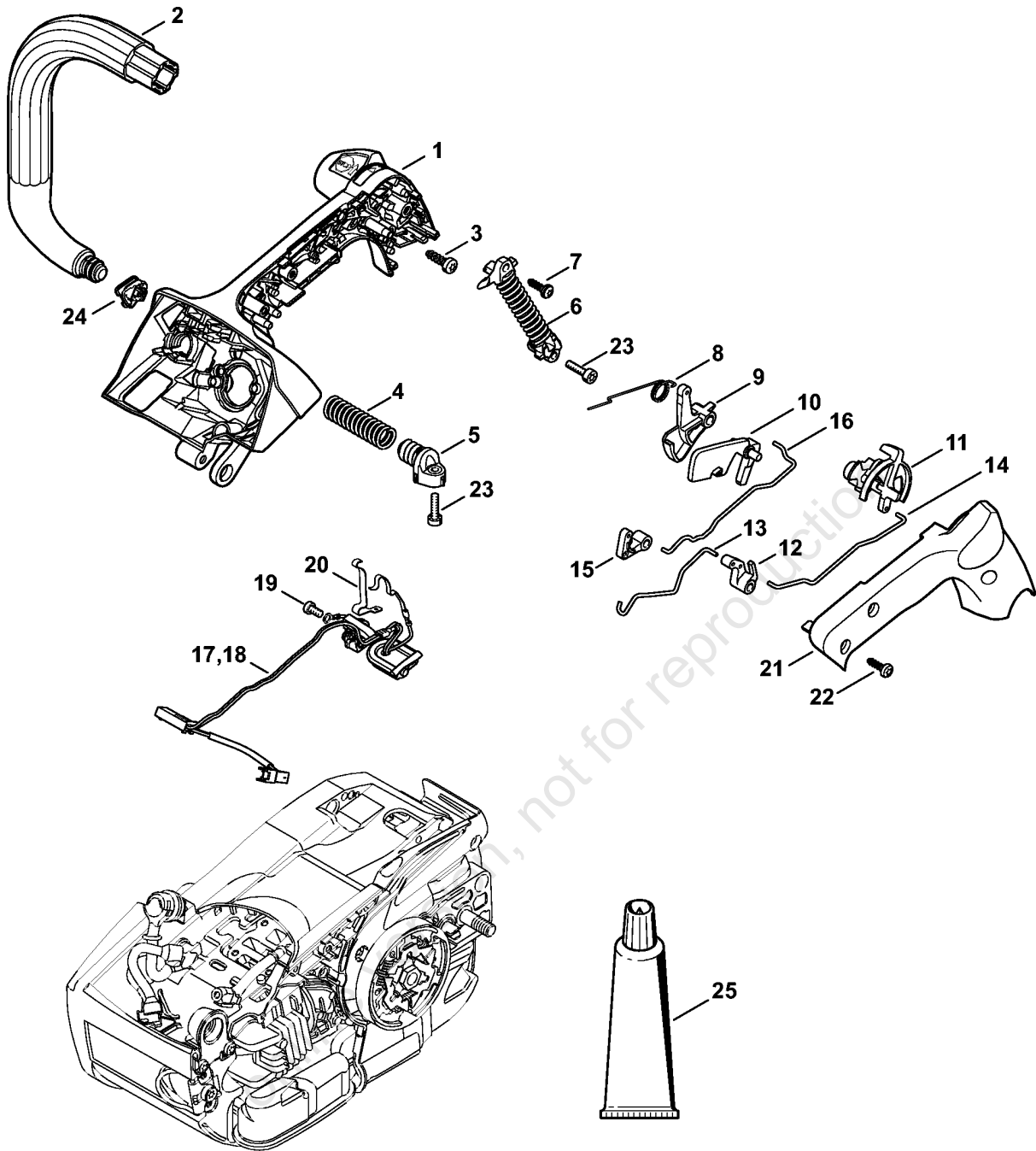


7012ET007 SC

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

Handle housing, Handlebar M-Tronic

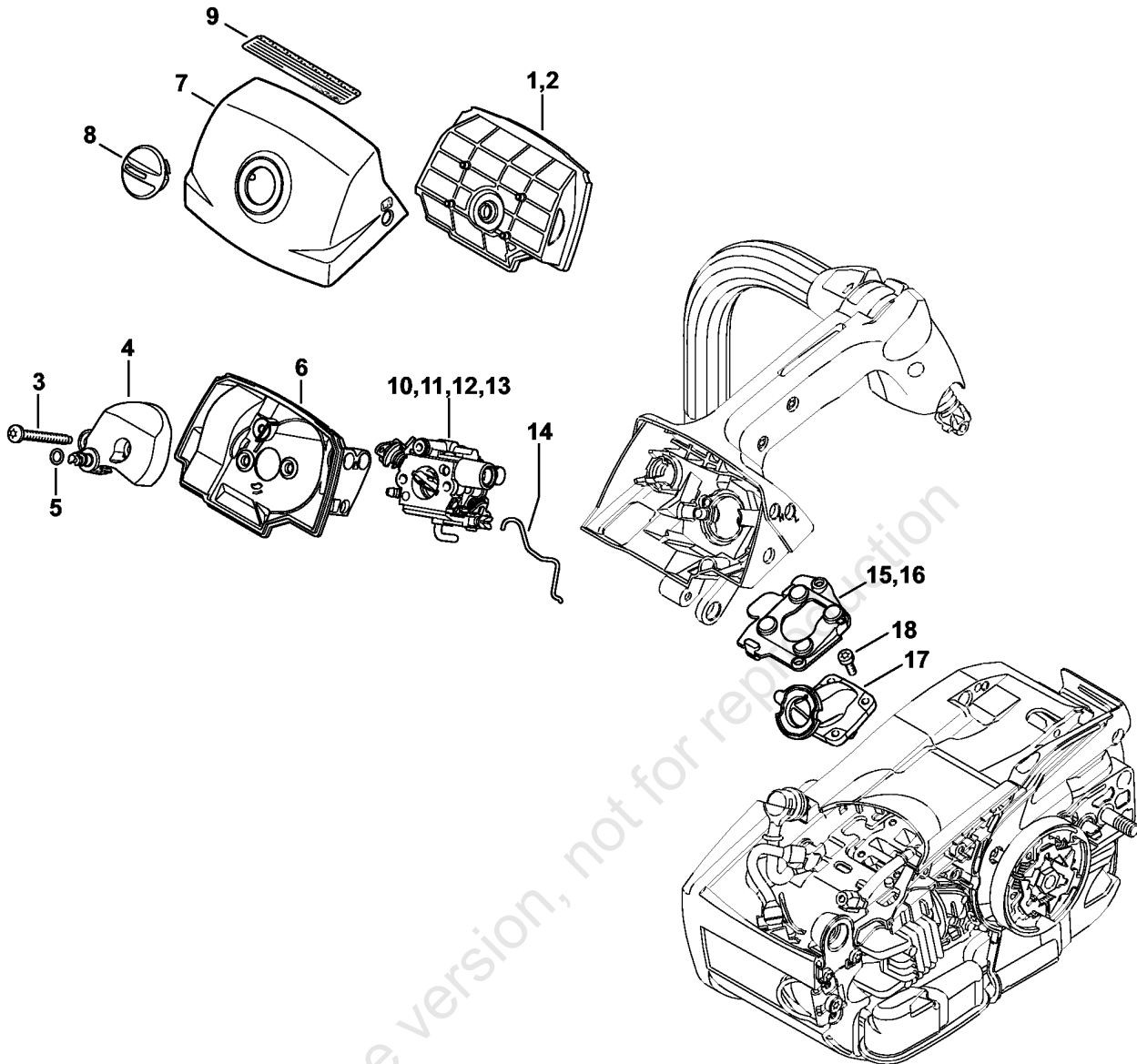


1145-GET-0048-A0

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

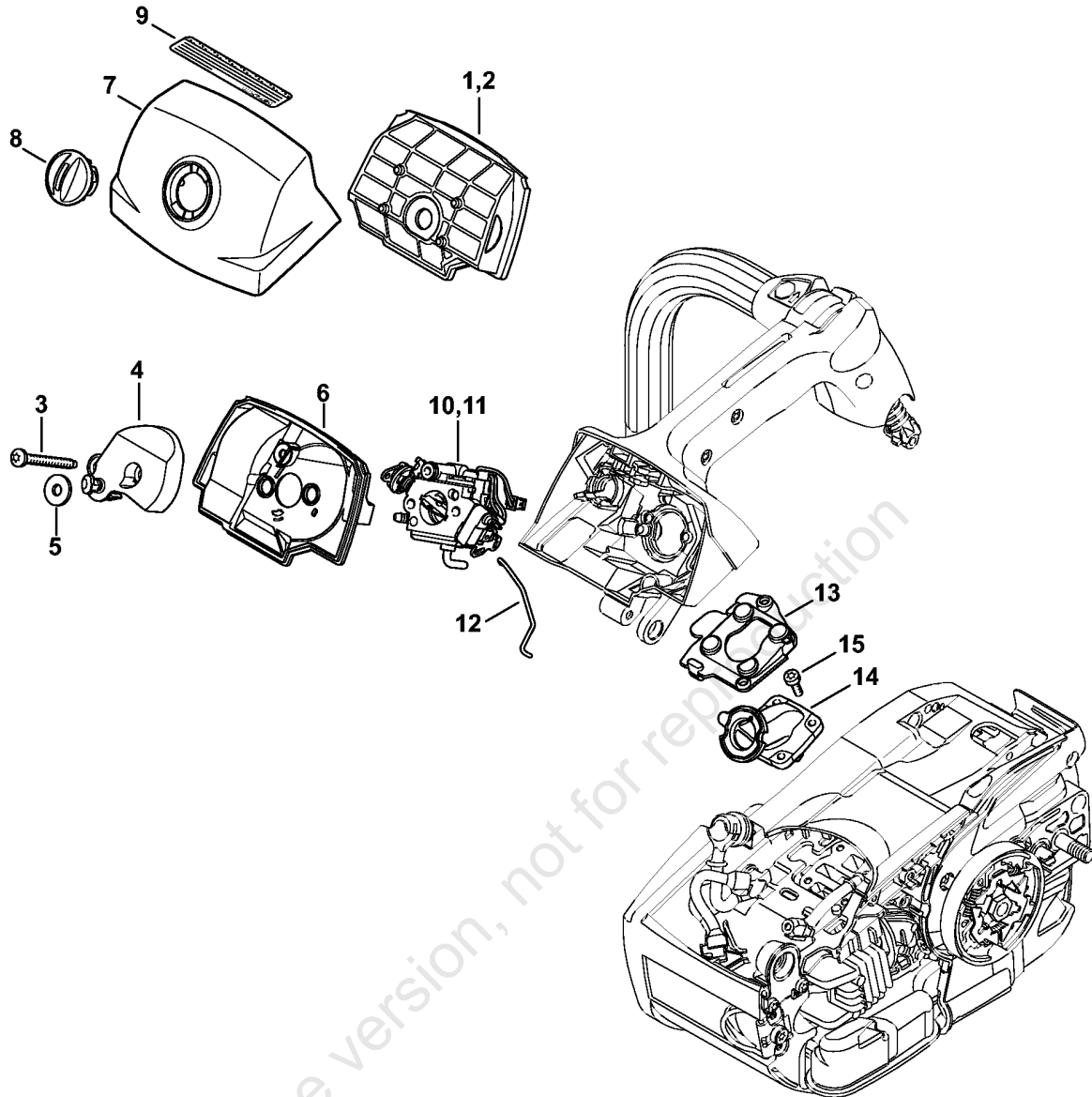
Air filter, Carburetor box cover



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)		

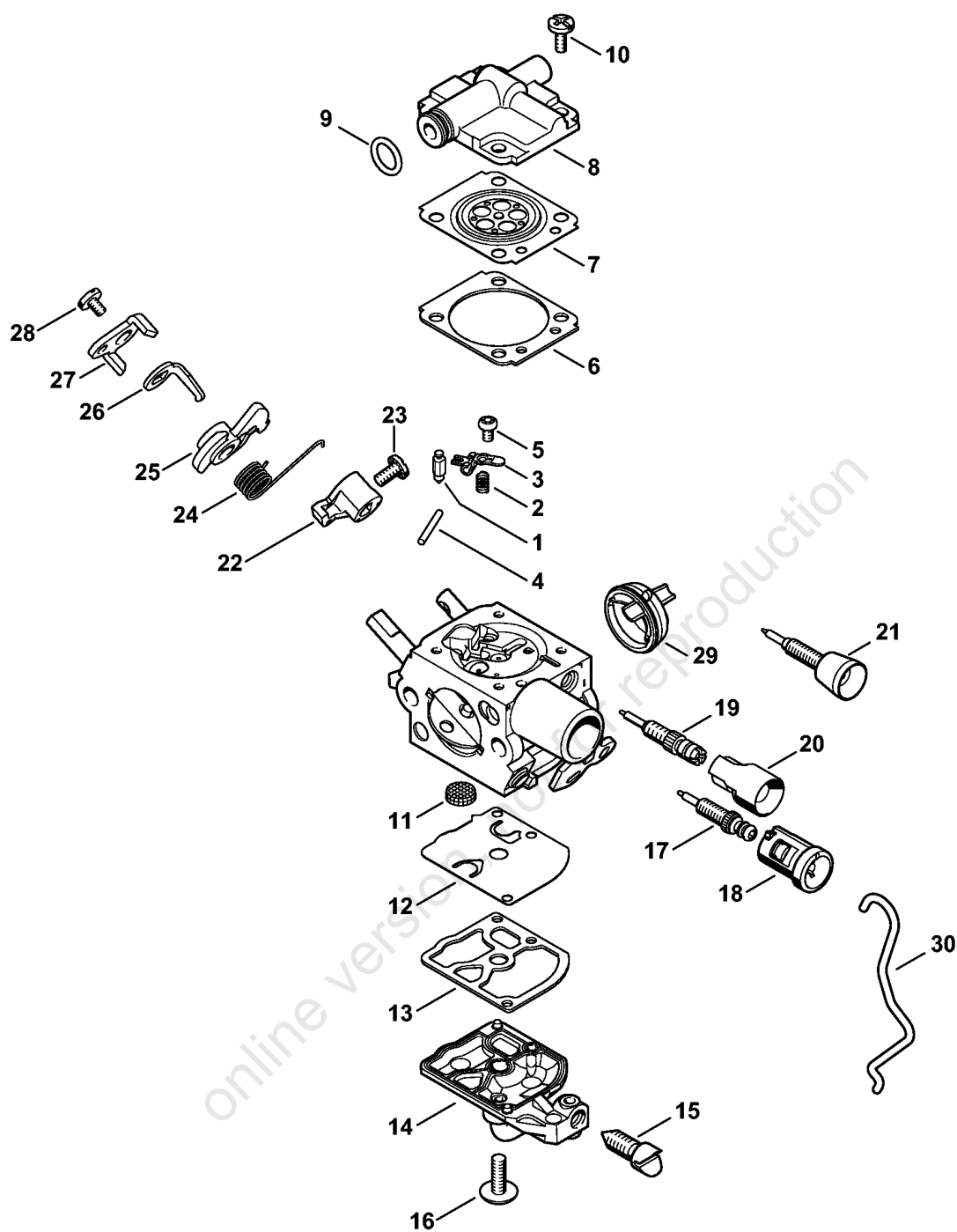
Air filter, Carburetor box cover M-Tronic



(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)	

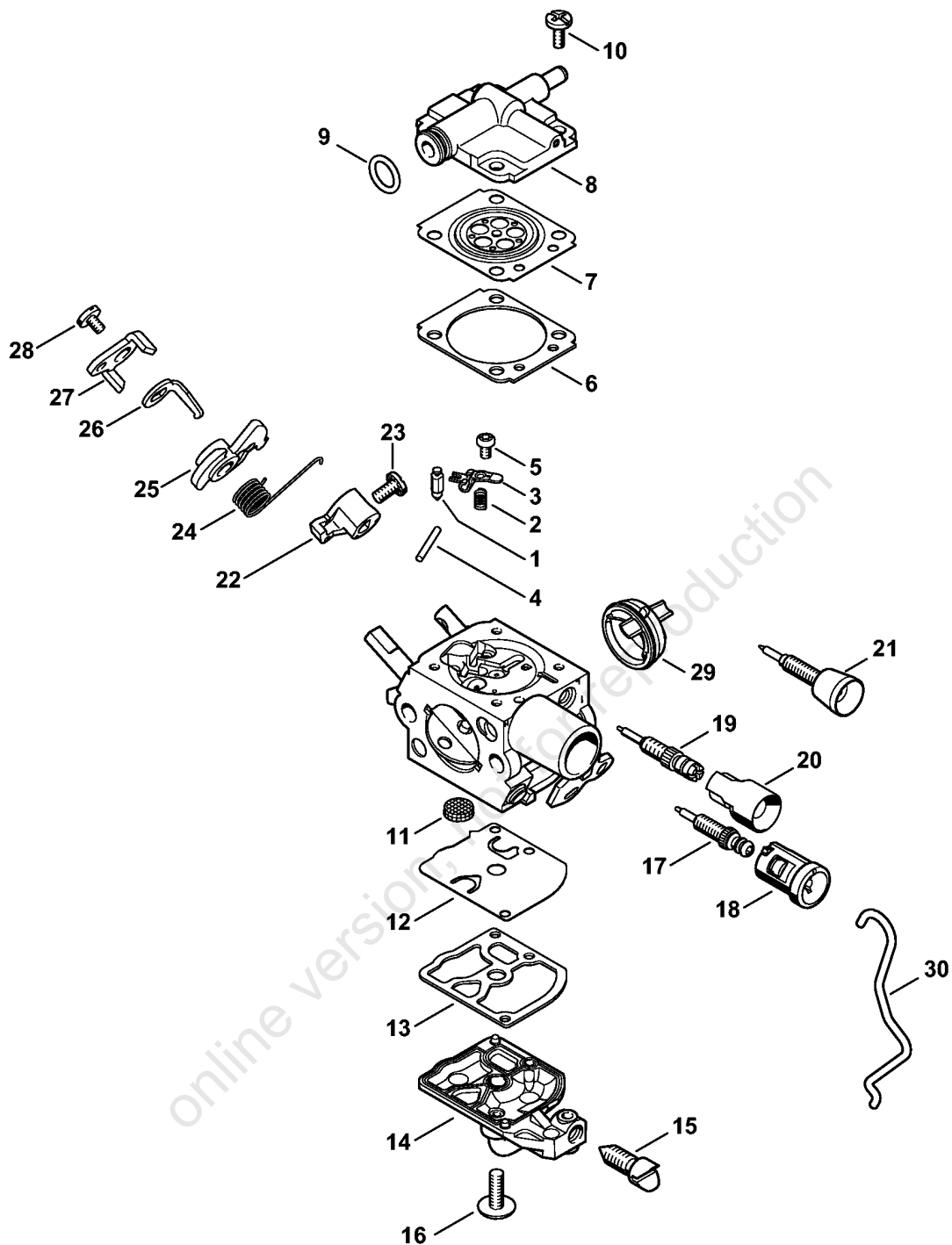


7012ET025 SC

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

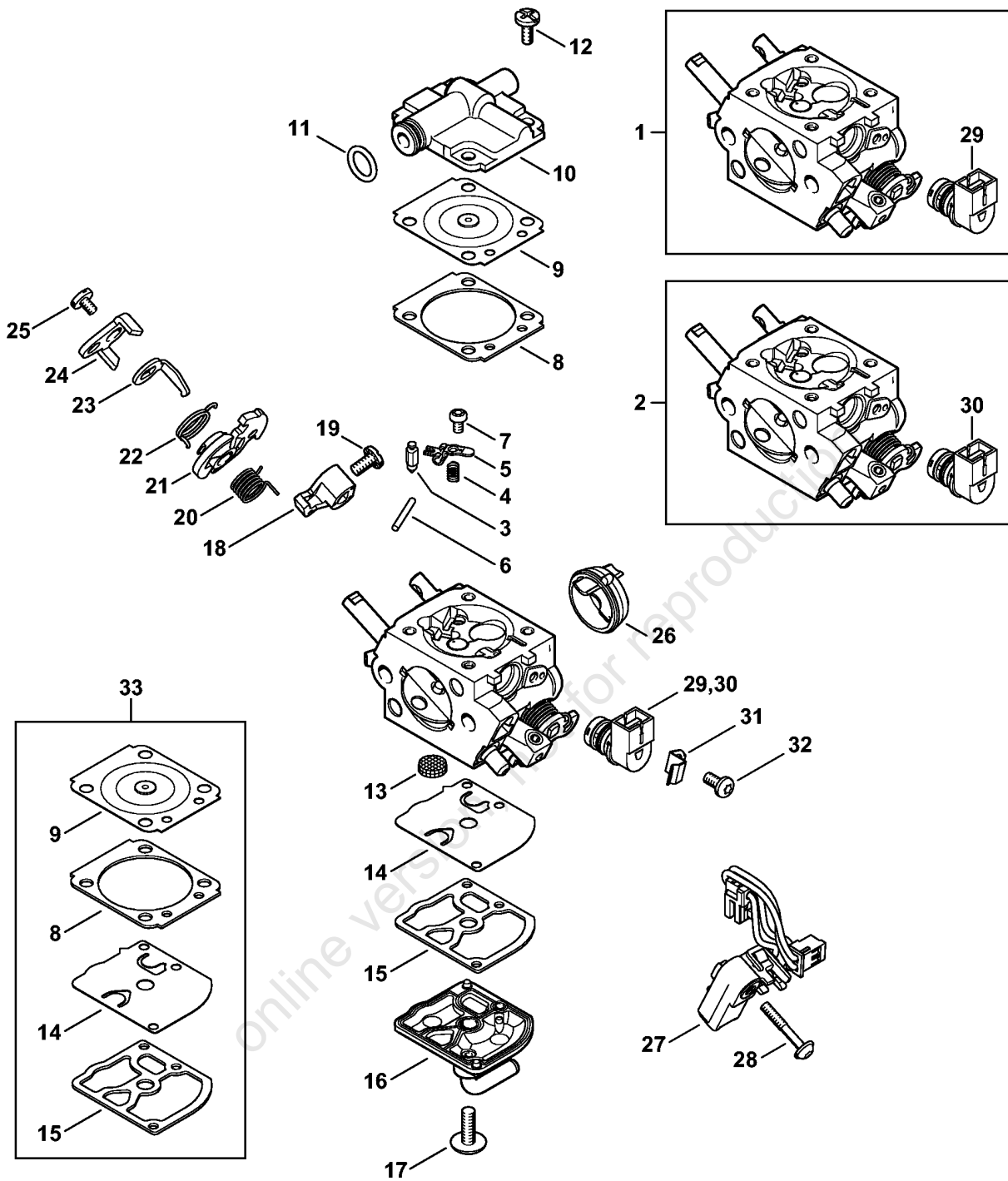


7012ET026 SC

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	

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



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

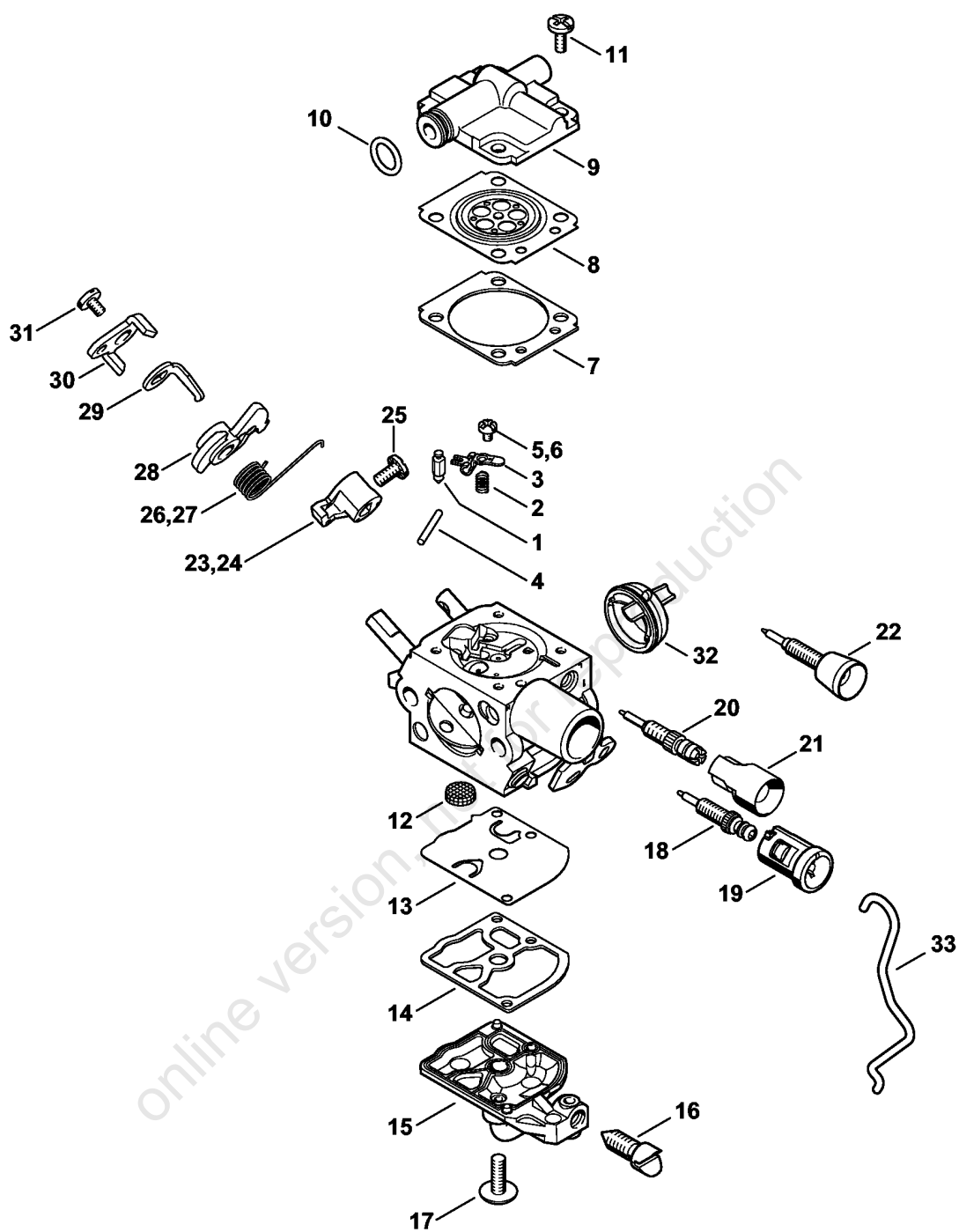
Reference	Item number	Qty	Description	Contains	Up to	From Machine
1	1145 120 0622	1	Carburetor 1145/22 (4,5)	3 - 29, 31, 32		
2	* 1145 120 0616	1	Carburetor C1Q-S274C (4,5)	3 - 28, 30 - 32		
3	Z000 018 Z000	1	Inlet needle (4,5)			
4	1145 122 3000	1	Spring (4,5)			
5	1125 121 5000	1	Inlet control lever (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		

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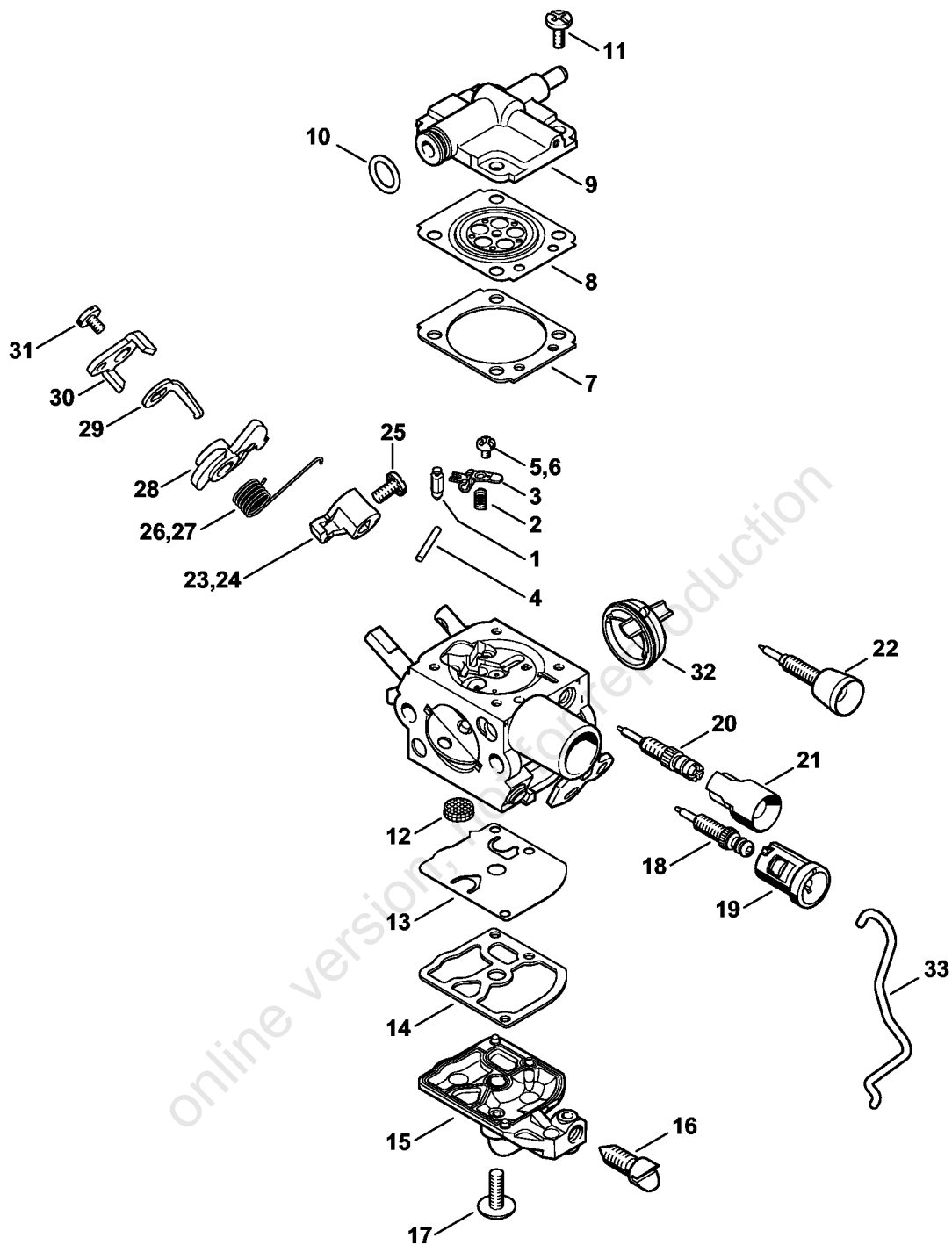
Carburetor C1Q-S250, C1Q-S248, C1Q-S214, C1Q-S188

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



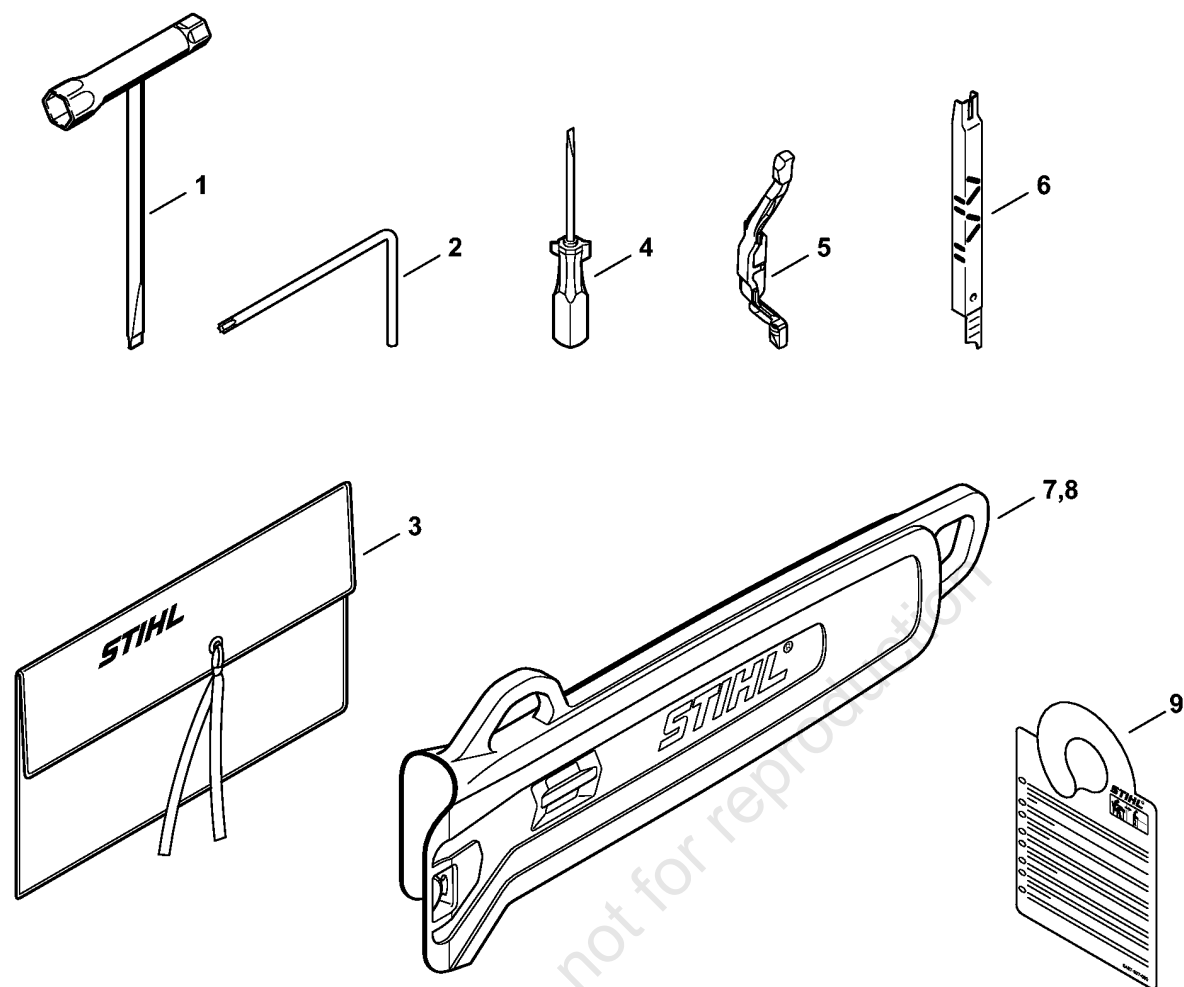
Reference	Item number	Qty	Description	Contains	Technical Information
	* 1145 120 0609	1	Carburetor C1Q-S251 (C) (3)	1 - 5, 7 - 21, 23, 25, 26, 28 - 32	40.2013 40.2012
	* 1145 120 0651	1	Carburetor C1Q-S249 (C) (3)	1 - 5, 7 - 19, 22, 23, 25, 26, 28 - 33	40.2013 40.2012
	* 1145 120 0605	1	Carburetor C1Q-S215 (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

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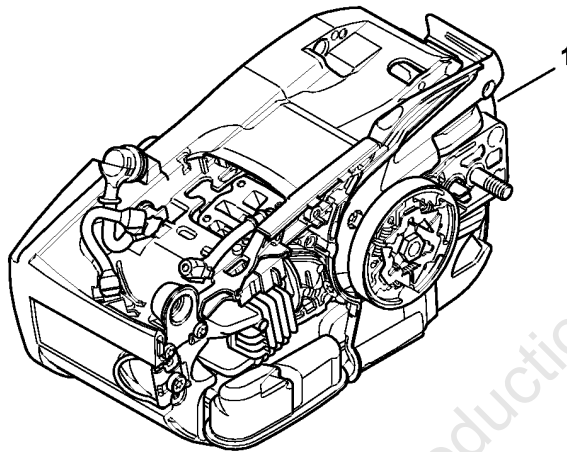


(1) MS 201 T, (2) MS 201 T-Z, (3) MS 201 TC-E, (4) MS 201 TC-M, (5) MS 201 TC-M Z

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	

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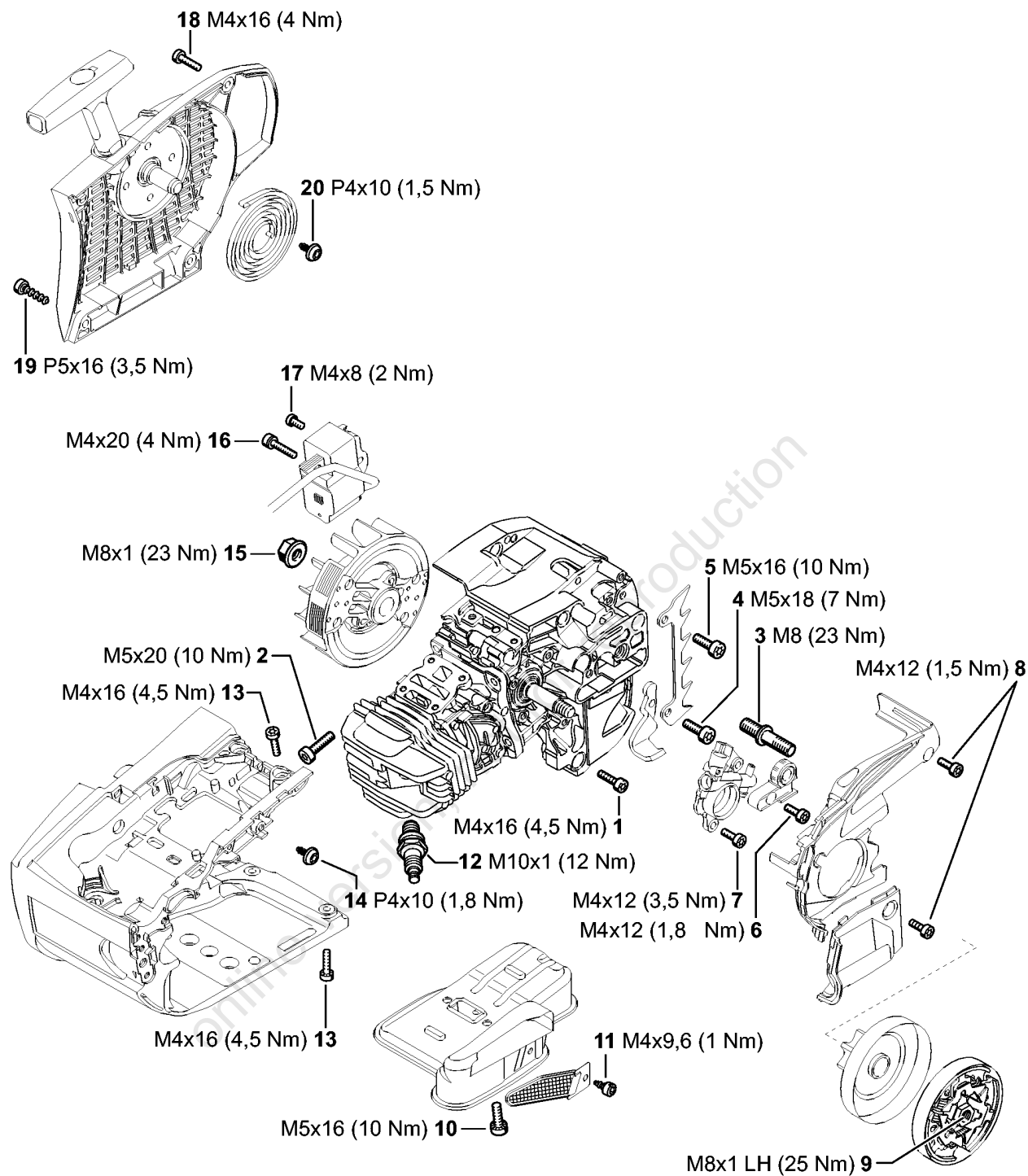
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7012ET018 SC

Serial number

Reference	Qty	Description
1	1	Position of serial number

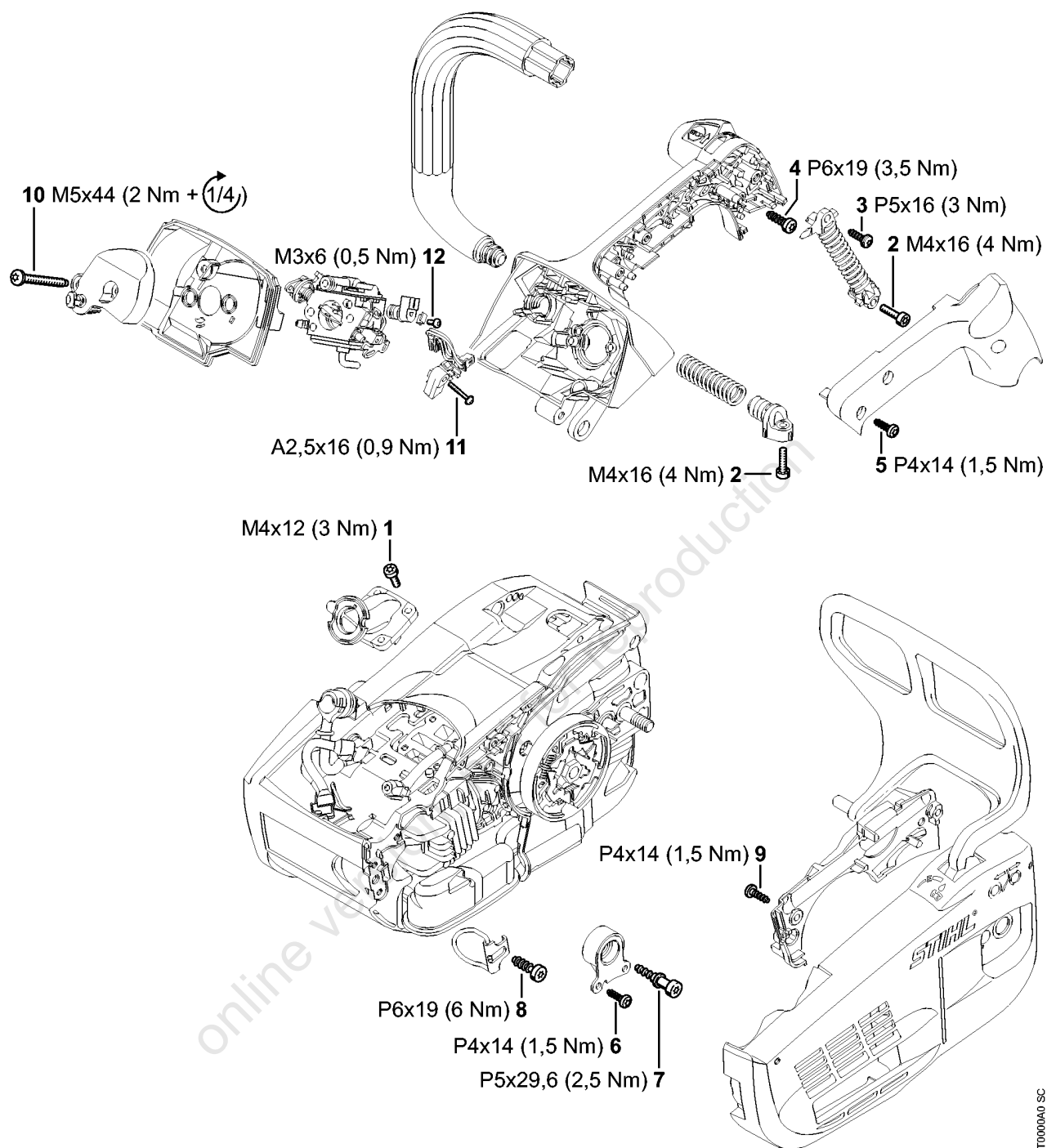
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Tightening torques

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

(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



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)