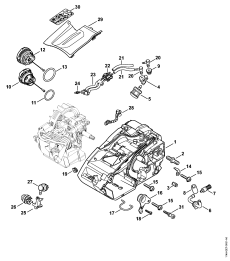
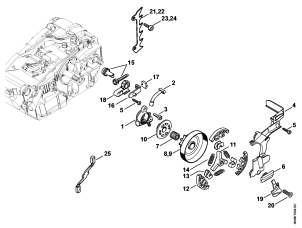


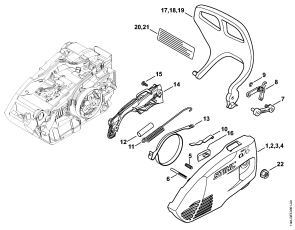
Cylinder with piston, Ignition system



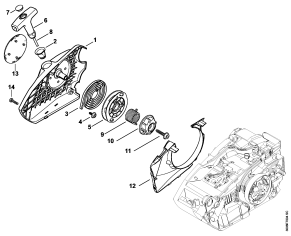
Motor housing



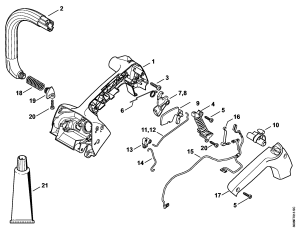
Oil pump, Clutch



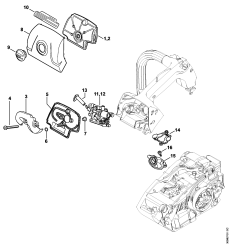
Chain sprocket cover



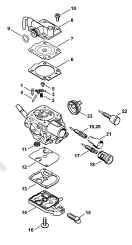
Rewind starter



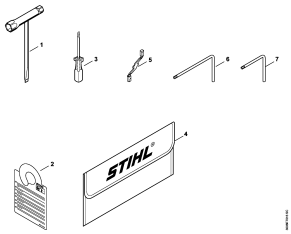
Handle housing, Handlebar



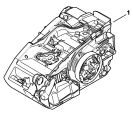
Air filter, Carburetor box cover



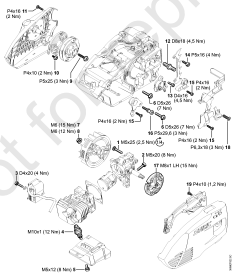
Carburetor C1Q-S262, C1Q-S200



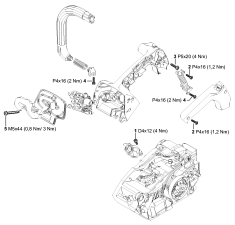
Tools, Extras



Serial number



Tightening torques



Tightening torques

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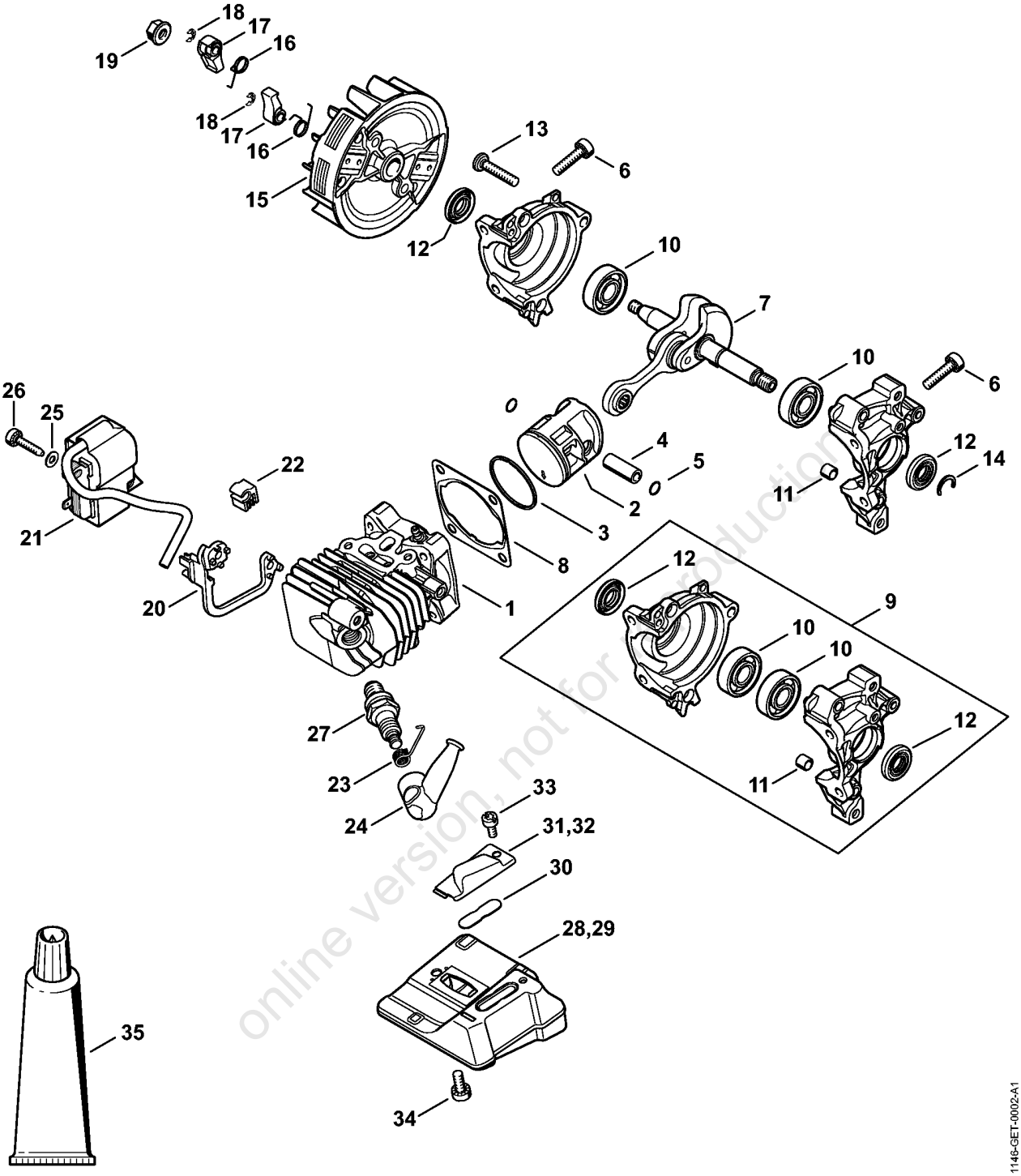
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Description	Technical Information
Cylinder with piston, Ignition system	
Motor housing	
Oil pump, Clutch	
Chain sprocket cover	
Rewind starter	
Handle housing, Handlebar	
Air filter, Carburetor box cover	
Carburetor C1Q-S262, C1Q-S200	
Tools, Extras	
Serial number	
Tightening torques	
Tightening torques	

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(1) MS 150 TC-E, (2) MS 150 TC-E Z

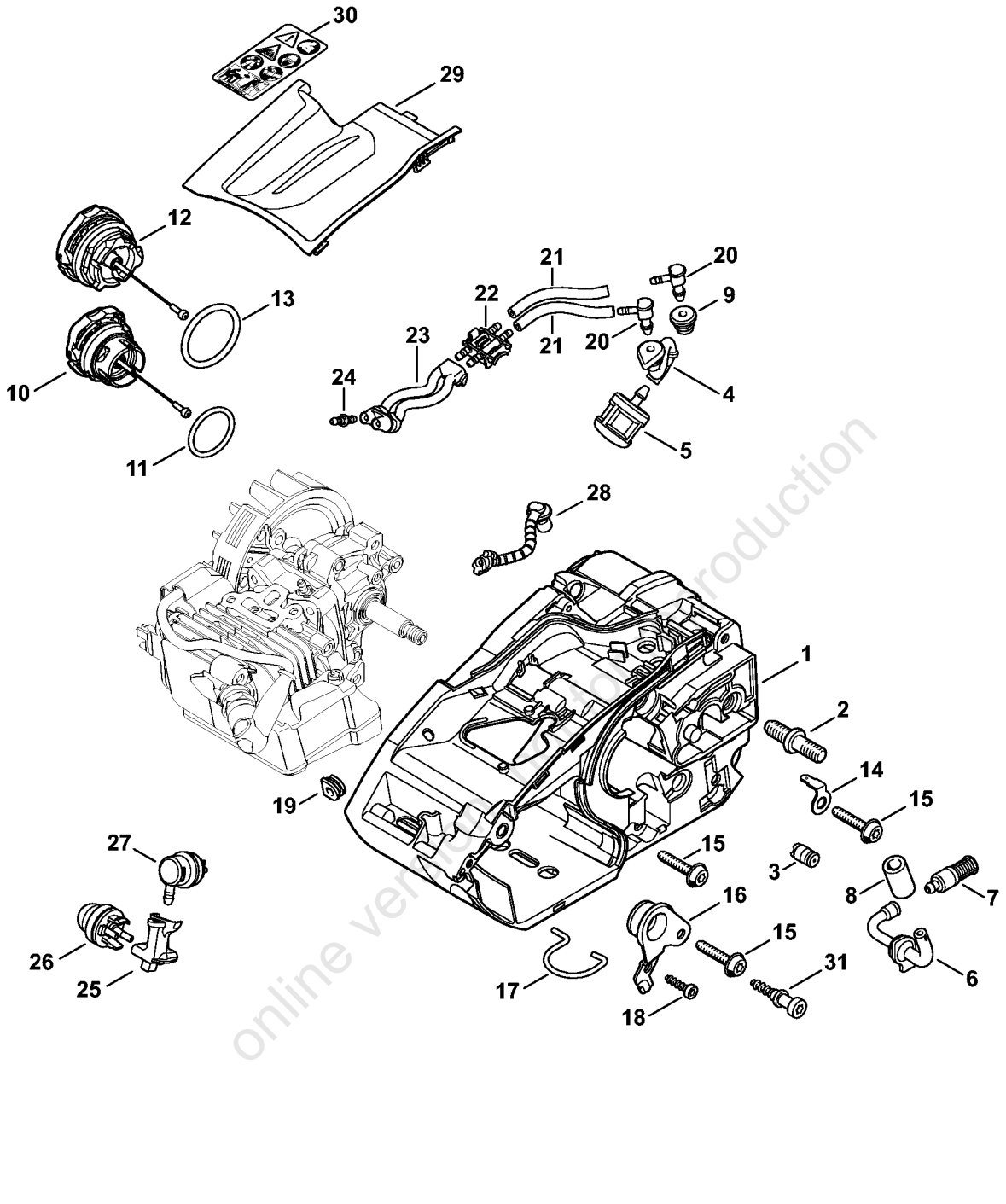
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Cylinder with piston, Ignition system

Reference	Item number	Qty	Description	Contains	Technical Information
1	1146 020 1200	1	Cylinder with piston Ø 34 mm	2 - 6	
2	1146 030 2002	1	Piston Ø 34 mm	3 - 6	
3	4144 034 3003	1	Piston ring Ø 34x1.2 mm		
4	4241 034 1500	1	Piston pin 8x5x22		
5	9463 650 0805	2	Snap ring 8x0.7		
6	9022 371 1020	4	Spline screw IS-M5x20		
7	1146 030 0400	1	Crankshaft		25.2005
8	1146 029 2300	1	Cylinder gasket		
9	1146 020 2100	1	Crankcase	10 - 12	60.2017
10	9503 003 0102	2	Grooved ball bearing 6000		
11	0000 988 8600	2	Sleeve		
12	9640 003 0955	2	Oil seal 10x20x4		
13	9022 500 1050	3	Spline screw IS-M5x25		
14	9468 621 1000	1	Circlip 10x1		
15	1146 400 1205	1	Flywheel	16 - 19	25.2005
16	0000 998 1100	2	Torsion spring		
17	1139 195 7200	2	Pawl		
18	9460 624 0320	2	E-clip 3.2		
19	9220 260 0901	1	Hexagon nut M6		
20	1146 405 8000	1	Insulator		
21	1146 400 1304	1	Ignition module	22 - 24	
22	4144 448 1200	1	Lead retainer		
23	0000 998 0604	1	Spark plug contact spring		
24	0000 405 1005	1	Spark plug boot		
25	9291 021 0100	2	Washer 4.3		
26	9075 478 3022	2	Pan head self-tapping screw IS-D4x20		
27	0000 400 7011	1	Spark plug NGK CMR6H		
28	1146 140 0600	1	Muffler (1)	31, 33	
29	1146 140 0602	1	Muffler USA, AUS, CDN (2)	30, 32, 33	
30		1	Screen (D) USA, AUS, CDN (2)		
31	1146 145 8100	1	Scoop (1)		
32	1146 140 7401	1	Deflecting plate USA, AUS, CDN (2)	30	
33	9039 475 0656	1	Self-tapping screw M4x9.6		
34	9022 341 0960	2	Spline screw IS-M5x12		
35	0783 830 2000	1	Tube of sealant HT red		
	1146 007 1600	1	Set of gaskets	8, 12	

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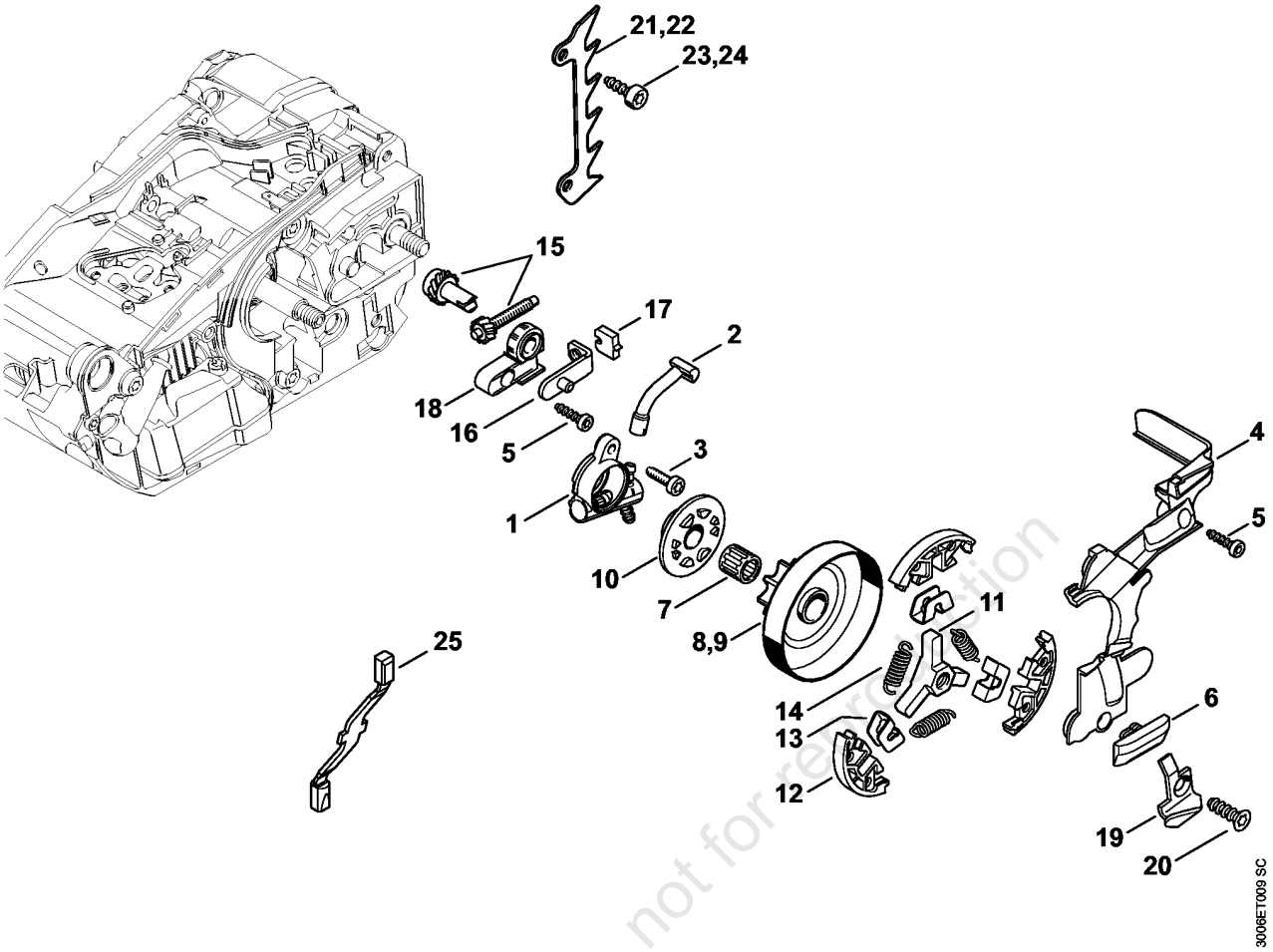
Motor housing

Reference	Item number	Qty	Description	Contains
1	1146 020 3006	1	Engine housing (1,2)	2 - 7, 9 - 13
2	1123 664 2400	1	Collar screw (1,2)	
3	1128 640 9100	1	Valve (1,2)	
4	1146 358 7700	1	Hose (1,2)	
5	0000 350 3513	1	Pickup body (1,2)	
6	1146 647 9400	1	Hose (1,2)	
7	1123 640 3800	1	Pickup body (1,2)	
8	0000 937 4102	1	Hose (1,2)	
9	1141 989 0600	1	Grommet (1,2)	
10	0000 350 0536	1	Filler cap (1,2)	11
11	9645 948 2470	1	O-ring 23x3 (1,2)	
12	0000 350 0534	1	Filler cap (1,2)	13
13	9645 948 7734	1	O-ring 25x3.5 (1,2)	
14	0751 030 8530	1	Connector tag (1,2)	
16	0000 951 1102	3	Screw IS-D5x26 (1,2)	
16	1146 790 9900	1	Annular buffer (1,2)	
17	1146 352 5000	1	Loop (1,2)	
18	9074 478 3025	1	Pan head self-tapping screw IS-P4x16 (1,2)	
19	0000 989 0507	1	Grommet (1,2)	
20	4242 353 2600	2	Elbow connector (1,2)	
21		2	Hose 2.2x5.4x58 mm, R5 (D) (1,2)	
	0000 937 5006	1	Hose 2.2x5.4 mm x 1 m, R5 (A,B) (1,2)	
22	1146 353 2702	1	Connector (1,2)	
23	1146 358 7703	1	Hose (1,2)	
24	0000 988 5219	1	Connector (1,2)	
25	1146 353 2700	1	Connector (1,2)	
26	4130 350 6200	1	Fuel pump (1,2)	
27	0000 350 5802	1	Tank vent (1,2)	
28	1146 141 8600	1	Hose (1,2)	
29	1146 020 1100	1	Cover (1,2)	30
30	0000 967 7257	1	Instruction label (1,2)	
31	1129 791 6100	1	Screw (1,2)	

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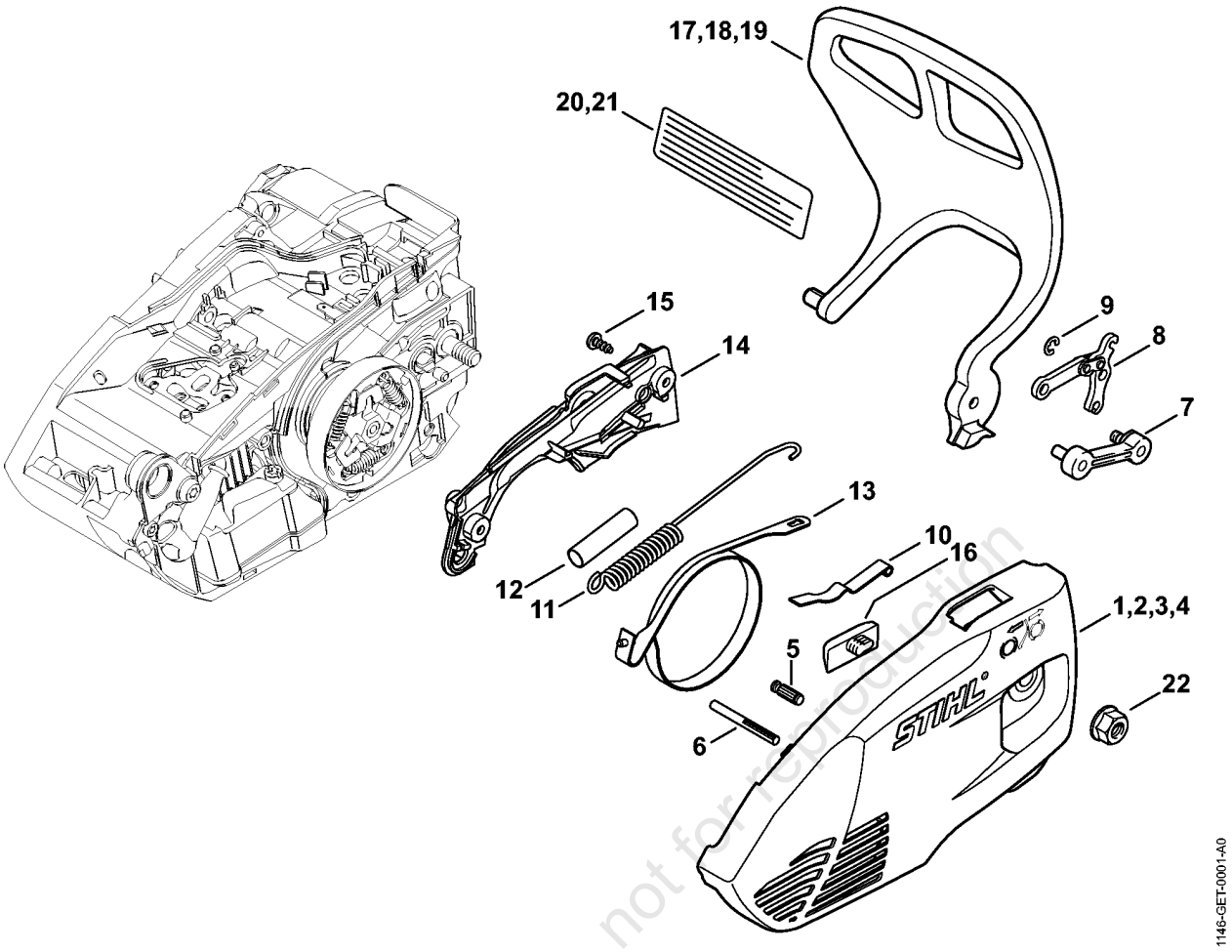
Oil pump, Clutch

Reference	Item number	Qty	Description	Contains
1	1146 640 3206	1	Oil pump	2
2	1146 647 5700	1	Connector	
3	9075 478 3016	1	Pan head self-tapping screw IS-D4x16	
4	1146 021 1100	1	Cover	
5	9074 478 3025	2	Pan head self-tapping screw IS-P4x16	
6	1123 648 6600	1	Bumper strip	
7	9512 933 2270	1	Needle cage 10x13x13	
8	1146 640 2004	1	Chain sprocket 1/4" Picco 8T	25
9	1146 640 2006	1	Chain sprocket 3/8" Picco 6T (B)	25
10	1146 640 7102	1	Worm gear 1/4"Picco / 3/8"Picco	
11	1146 160 2000	1	Clutch	12 - 14
12	1146 162 0800	3	Clutch shoe	
13	1146 162 3000	3	Retainer	
14	0000 997 5605	3	Tension spring	
15	1129 007 1000	1	Spur gear / chain adjusting screw kit	
16	1129 640 1900	1	Tensioner slide	
17	1123 664 1400	1	Thrust pad	
18	1123 664 2200	1	Cover	
19	1146 650 7700	1	Chain catcher (B)	20
20	9104 003 3065	1	Self-tapping screw P6.3x18 (B)	
21	1129 664 0500	1	Bumper spike USA, AUS, CDN (2)	
22	1129 664 0500	1	Bumper spike (B) (1)	
23	9074 477 4130	2	Pan head self-tapping screw IS-P5x16 USA, AUS, CDN (2)	
24	9074 477 4130	2	Pan head self-tapping screw IS-P5x16 (B) (1)	
25	0000 893 5904	1	Locking strip (B)	

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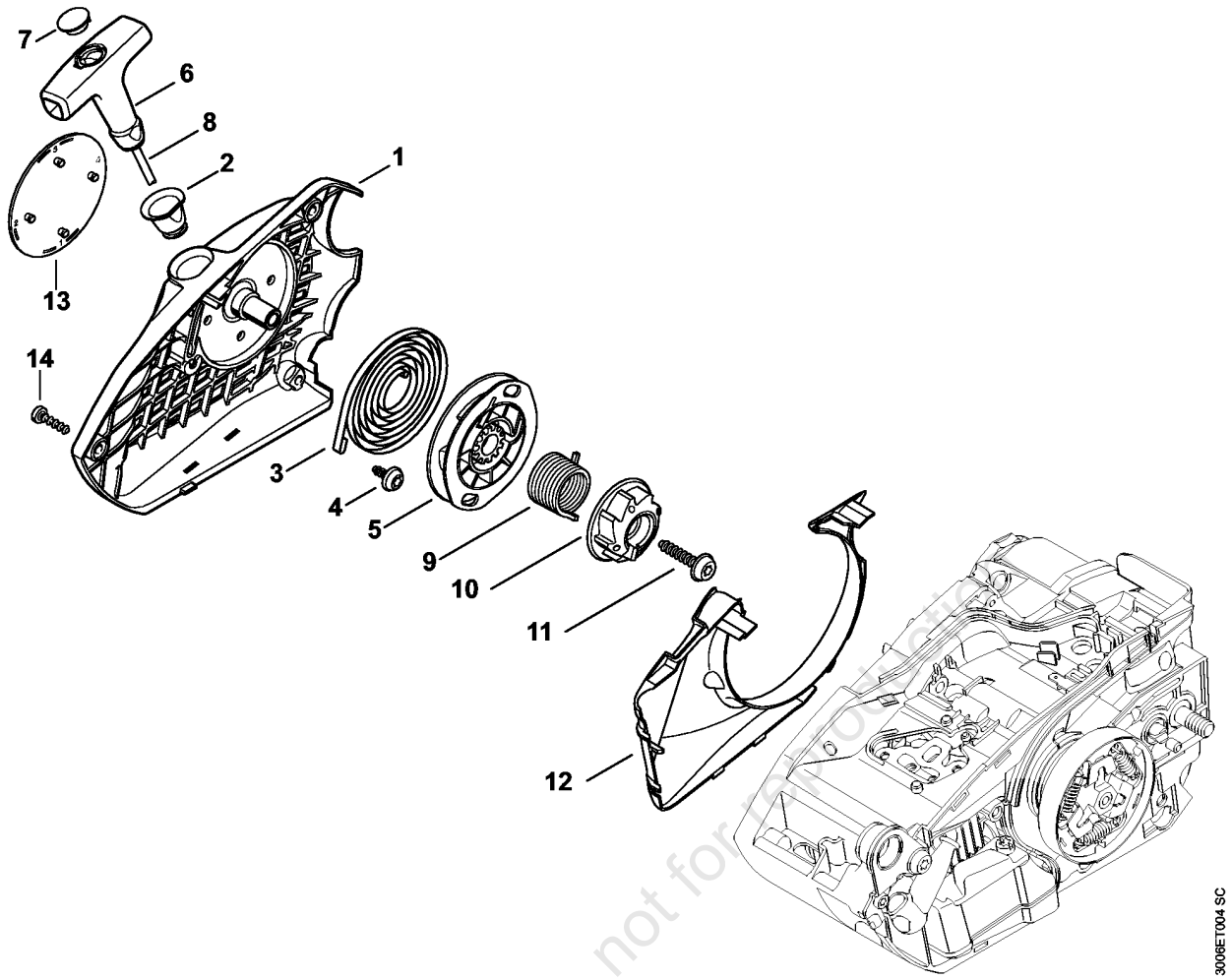
Chain sprocket cover

Reference	Item number	Qty	Description	Contains
1	1146 640 1700	1	Chain sprocket cover (1,2)	4 - 17
2	1146 640 1706	1	Chain sprocket cover USA (2)	4 - 16, 18, 20
3	1146 640 1708	1	Chain sprocket cover CDN (2)	4 - 16, 19, 21
4	1146 640 1704	1	Chain sprocket cover	5 - 7
5	1120 162 5200	1	Pin	
6	9378 543 2190	1	Notched pin 4x22	
7	1129 640 5000	1	Insert	
8	1121 160 5000	1	Lever	
9	9460 624 0400	1	E-clip 4	
10	1129 162 7800	1	Flat spring	
11	1146 162 7900	1	Tension spring	
12	0000 937 4097	1	Fuel hose 35 mm / 1 3/8"	
13	1146 160 5400	1	Brake band	
14	1146 648 7700	1	Cover	
15	9074 478 2970	2	Pan head self-tapping screw IS-P4x10	
16	1123 648 6600	1	Bumper strip	
17	1146 790 9100	1	Hand guard (1,2)	8
18	1146 790 9102	1	Hand guard USA (2)	8, 20
19	1146 790 9104	1	Hand guard CDN (2)	8, 21
20	0000 967 3920	1	Instruction label USA (2)	
21	0000 967 3914	1	Instruction label CDN (2)	
22	9220 260 1100	1	Hexagon nut M8	

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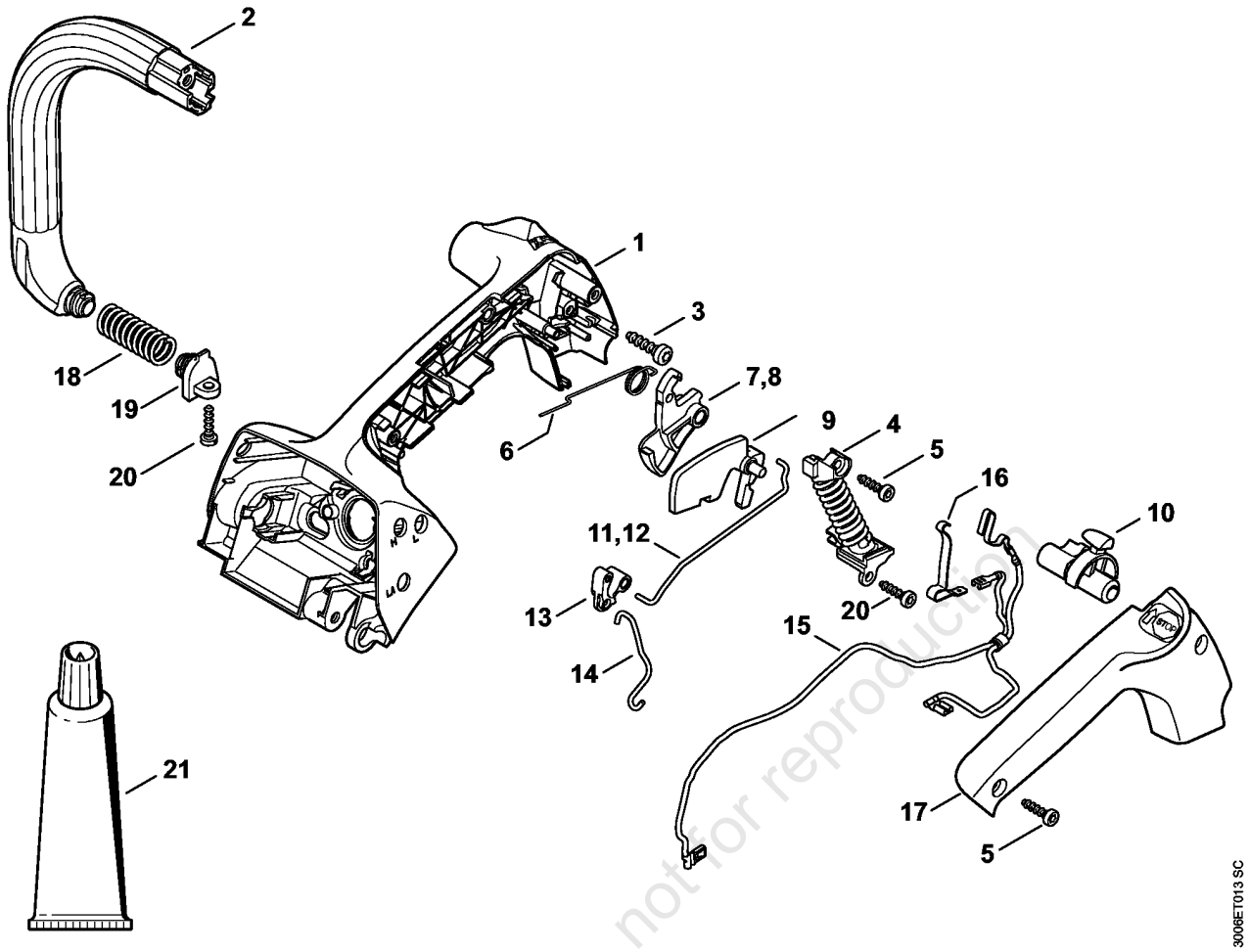
Rewind starter

Reference	Item number	Qty	Description	Contains
	1146 080 2102	1	Fan housing with rewind starter	1 - 13
1	1146 080 1800	1	Fan housing	2
2	1110 084 9102	1	Bushing	
3	1123 190 0600	1	Rewind spring	
4	9104 003 2960	1	Self-tapping screw P4x10	
5	1146 195 0400	1	Rope rotor	
6	0000 190 3502	1	Grip with starter rope Ø 2.7 mm	7, 8
7	0000 195 7002	1	Cap	
8	0000 195 8204	1	Starter rope Ø 2.7x800 mm	
9	1146 195 3500	1	Spring	
10	1146 195 2000	1	Carrier	
11	9074 477 4139	1	Pan head self-tapping screw IS-P5x25	
12	1146 084 7800	1	Segment	
13	1146 967 1500	1	Model plate MS 150 TC	
14	9074 478 3025	3	Pan head self-tapping screw IS-P4x16	

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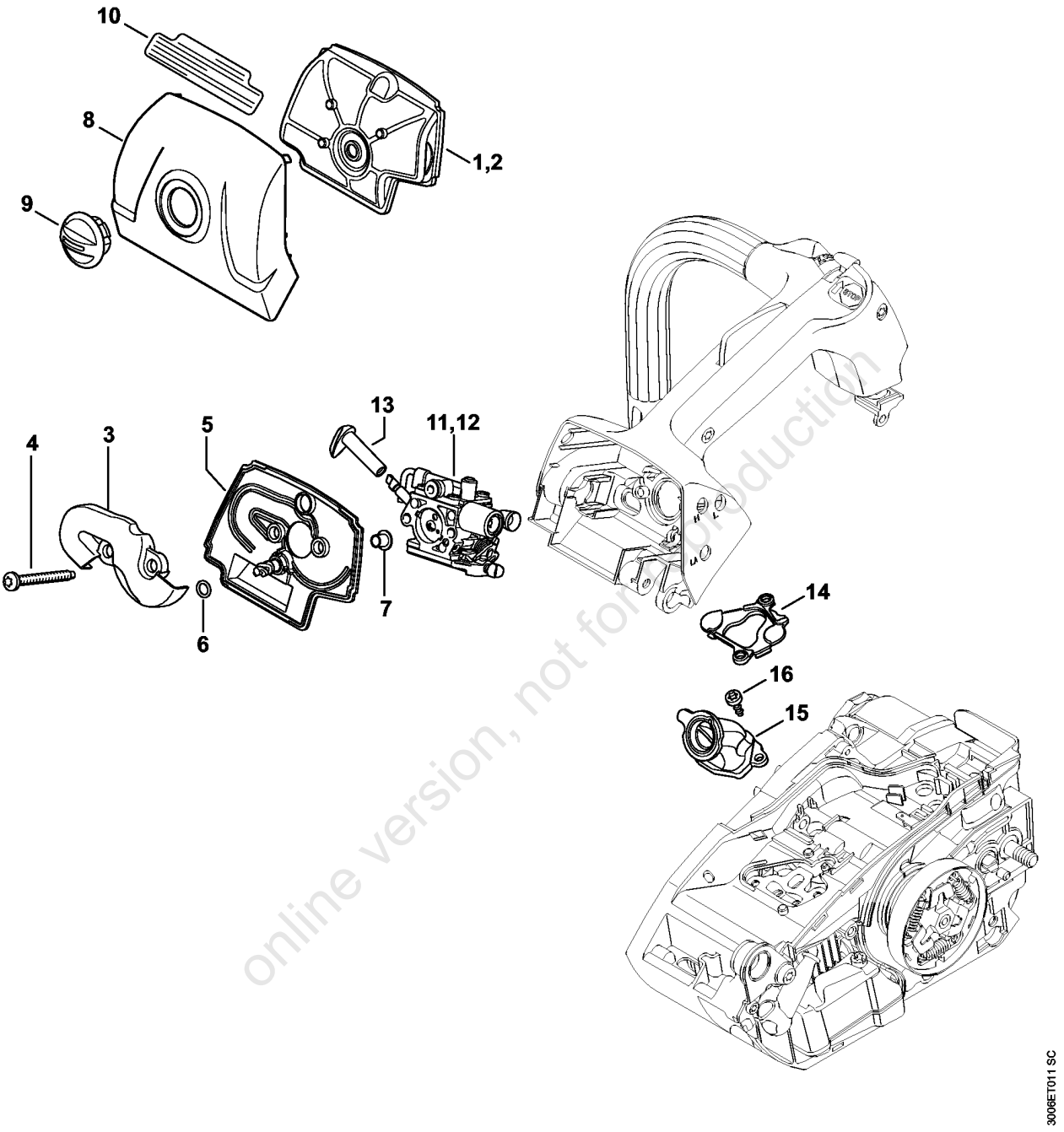
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Handle housing, Handlebar

Reference		Item number	Qty	Description	Contains	Technical Information
		1146 790 1012	1	Handle housing	1 - 7, 9 - 11, 13 - 17	
1		1146 790 1002	1	Handle housing		
2		1146 791 1700	1	Handlebar		
3		9074 477 4135	1	Pan head self-tapping screw IS-P5x20		
4		1146 790 8300	1	AV-Spring		
5		9074 478 3025	3	Pan head self-tapping screw IS-P4x16		
6		1129 182 4500	1	Torsion spring		
7		1146 182 1003	1	Throttle trigger		
8	*	1146 182 1000	1	Throttle trigger		39.2012
9		1129 182 0800	1	Lockout lever		
10		1146 180 0900	1	Switch shaft		
11		1146 182 1504	1	Throttle rod		
12	*	1146 182 1502	1	Throttle rod		39.2012
13		1129 182 0400	1	Double lever		
14		1146 182 1503	1	Throttle rod		
15		1146 440 3000	1	Wiring harness	16	
16		1129 442 1600	1	Contact spring		
17		1146 791 0600	1	Handle molding		
18		1146 791 3102	1	Spring		
19		1146 792 2904	1	AV mount		
20		9074 478 3025	2	Pan head self-tapping screw IS-P4x16		
21		0781 120 1109	1	Multipurpose grease 80 g (B)		

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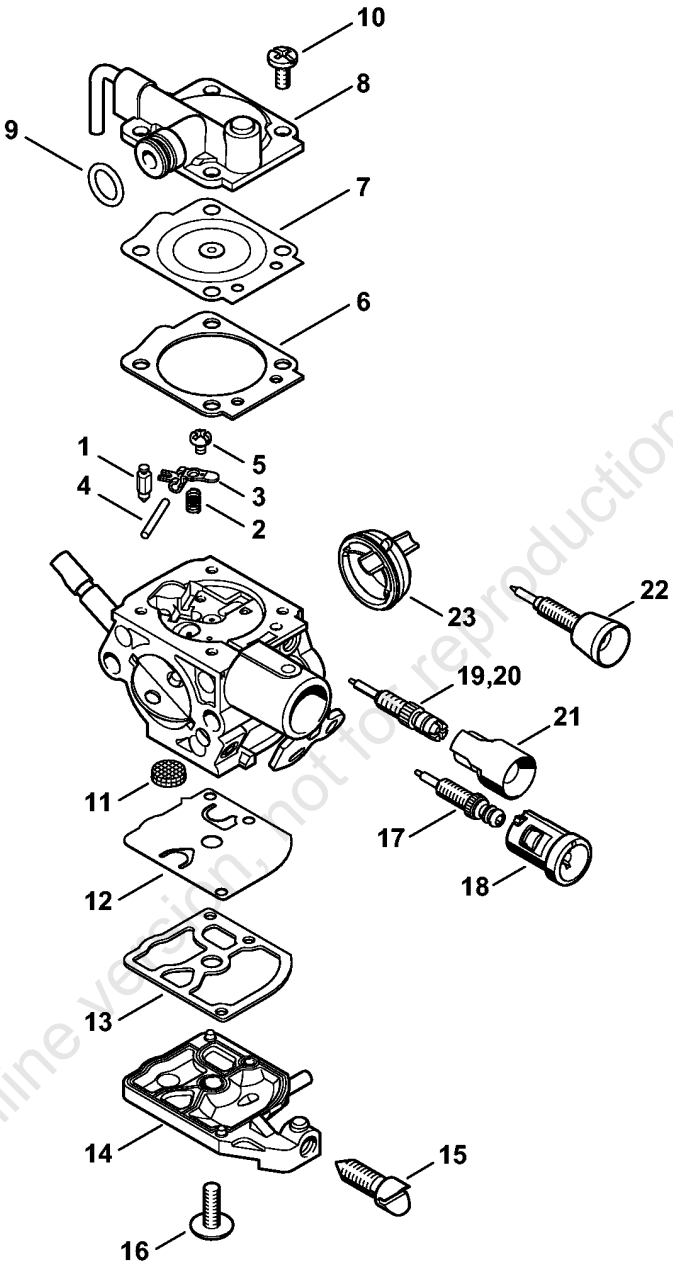
Air filter, Carburetor box cover

Reference		Item number	Qty	Description	Contains	Technical Information
1		1146 140 4402	1	Air filter, fleece		
2		1146 140 4400	1	Air filter (B)		
3		1146 121 6900	1	Baffle		
4		9022 500 1093	2	Spline screw IS-M5x44		
5		1146 140 1200	1	Filter base	6, 7	
6		9645 945 7444	1	O-ring 4x1.5		
7		9416 868 6531	2	Hollow rivet 6.5x0.5x6.8		
8		1146 140 1900	1	Carburetor box cover	9	
9		1137 140 9200	1	Twist lock		
10		1146 967 3501	1	Instruction label USA (2)		
11		1146 120 0604	1	Carburetor C1Q-S262E		39.2012
12	*	1146 120 0600	1	Carburetor C1Q-S200D		39.2012
13		1146 121 6100	1	Choke lever		
14		1146 021 1700	1	Cover		
15		1146 140 2500	1	Manifold		
16		9075 478 3012	2	Pan head self-tapping screw IS-D4x12		

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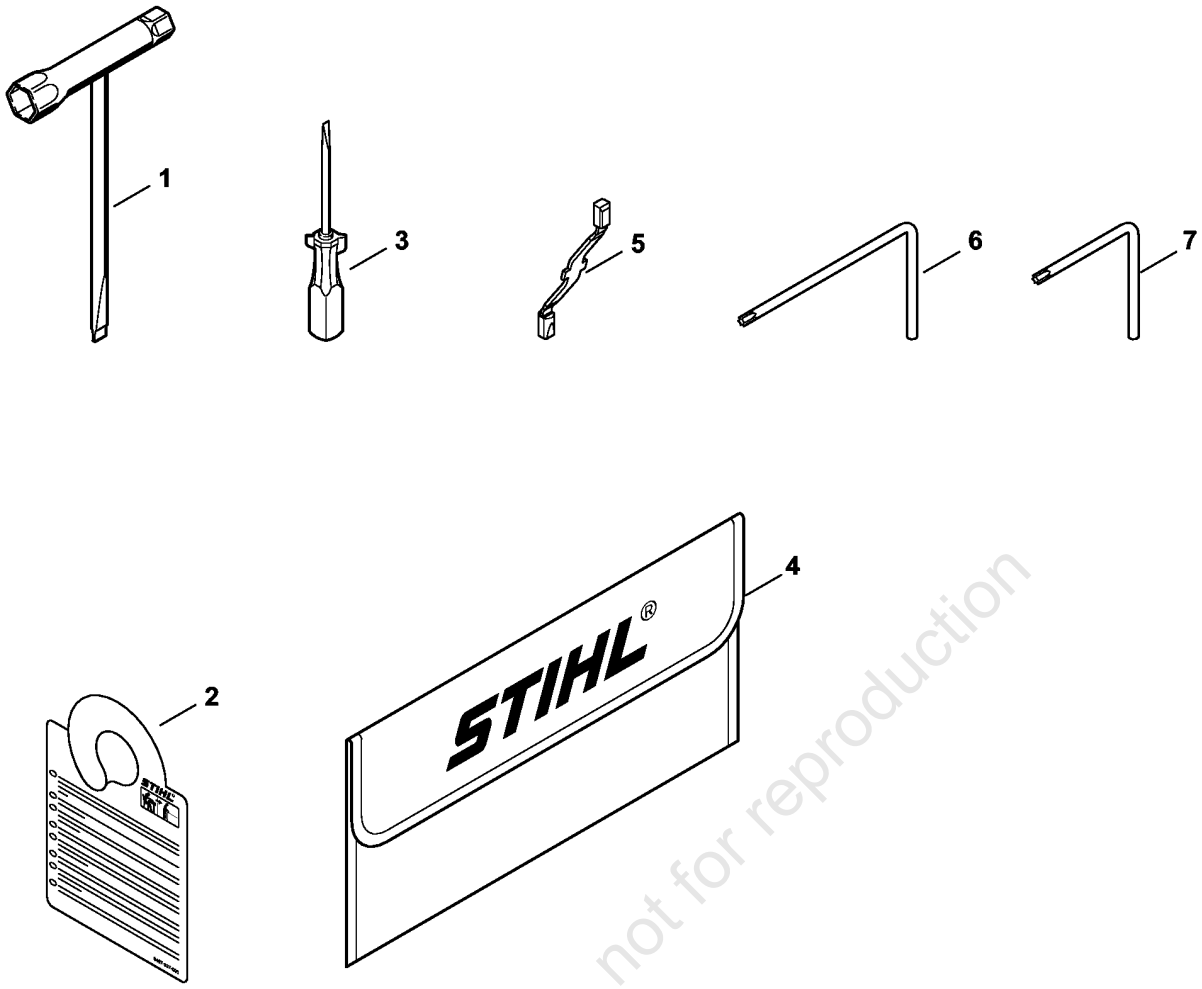
Carburetor C1Q-S262, C1Q-S200

Reference		Item number	Qty	Description	Contains	Technical Information
		1146 120 0604	1	Carburetor C1Q-S262E	1 - 19, 21, 23	
	*		1	Carburetor C1Q-S262 (C)	1 - 18, 20, 21, 23	39.2012
	*	1146 120 0600	1	Carburetor C1Q-S200D	1 - 18, 22, 23	39.2012
1		Z000 018 Z000	1	Inlet needle		
2		4128 122 3000	1	Spring		
3		1125 121 5000	1	Inlet control lever		
4		1120 121 9200	1	Spindle		
5		0000 122 7101	1	Screw		
6		1146 129 0900	1	Gasket		
7		1146 121 4700	1	Metering diaphragm		
8		1146 121 0800	1	End cover		
9		9646 945 0490	1	O-ring 7x1.5		
10		1120 122 6601	4	Collar screw		
11		1123 121 7800	1	Strainer		
12		1129 121 4800	1	Pump diaphragm		
13		1123 129 0905	1	Gasket		
14		1146 120 2600	1	Pump cover		
15		1146 122 6200	1	Idle speed screw		
16		1120 122 7800	1	Oval head screw		
17		1146 122 6700	1	High speed screw		
18		1141 121 2704	1	Cap		
19		1145 120 6800	1	Low speed screw	21	
20	*	1146 120 6800	1	Low speed screw	21	39.2012
21		0000 121 2703	1	Cap		39.2012
22	*	1146 122 6800	1	Low speed screw		39.2012
23		1146 141 1800	1	Sleeve		
		1146 007 1000	1	Set of carburetor parts	6, 7, 12, 13	

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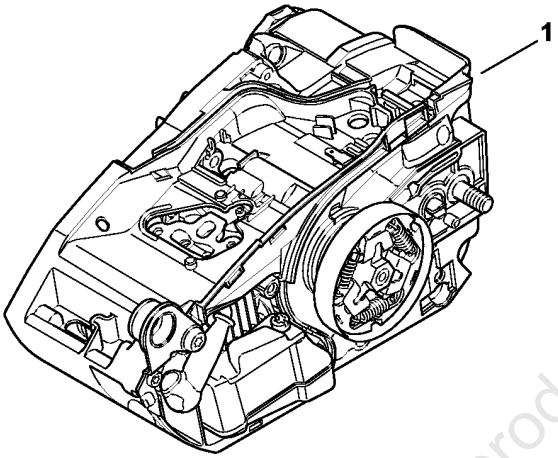
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Tools, Extras

Reference	Item number	Qty	Description
1	0000 890 3402	1	Combination wrench
2	0457 927 0002	1	Hang tag
3	0000 890 2300	1	Screwdriver
4	0000 891 0810	1	Tool roll (B)
5	0000 893 5904	1	Locking strip (B)
6	0812 370 1000	1	Screwdriver T27x120x70 (B)
7	0812 370 1143	1	Screwdriver T20x100x50 (B)

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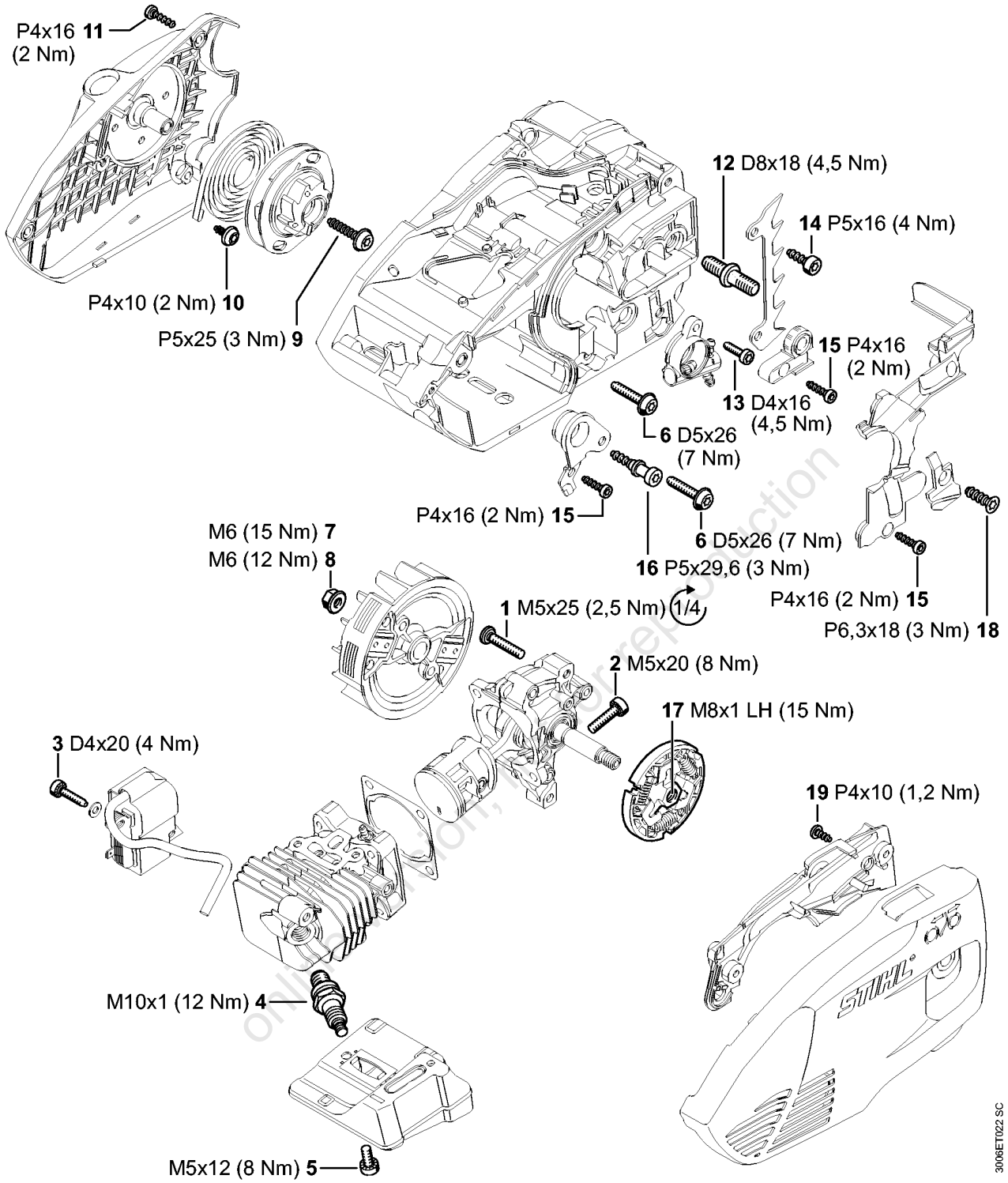
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Serial number

Reference	Qty	Description
1	1	Position of serial number

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(1) MS 150 TC-E, (2) MS 150 TC-E Z

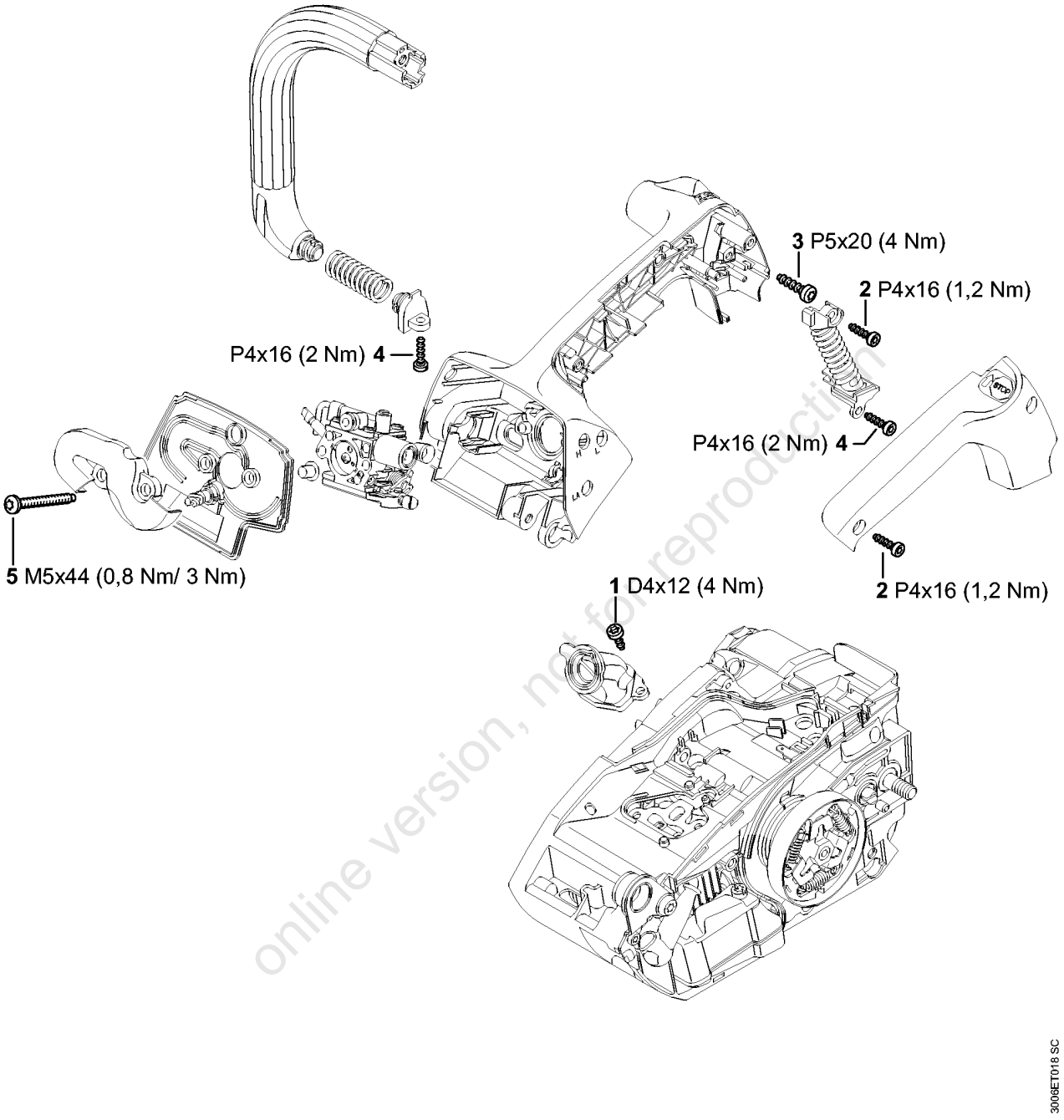
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Tightening torques

Reference		Item number	Qty	Description	Technical Information
1		9022 500 1050	3	Spline screw IS-M5x25	
2		9022 371 1020	4	Spline screw IS-M5x20 Binding thread	
3		9075 478 3022	2	Pan head self-tapping screw IS-D4x20 Binding thread	
4		0000 400 7011	1	Spark plug NGK CMR6H	
5		9022 341 0960	2	Spline screw IS-M5x12 Binding thread	
6		0000 951 1102	3	Screw IS-D5x26	
7		9220 260 0901	1	Hexagon nut M6	
8	*	9220 260 0900	1	Hexagon nut M6	2.2015
9		9074 477 4139	1	Pan head self-tapping screw IS-P5x25	
10		9104 003 2960	1	Self-tapping screw P4x10	
11		9074 478 3025	3	Pan head self-tapping screw IS-P4x16	
12		1123 664 2400	1	Collar screw	
13		9075 478 3016	1	Pan head self-tapping screw IS-D4x16 Binding thread	
14		9074 477 4130	2	Pan head self-tapping screw IS-P5x16	
15		9074 478 3025	3	Pan head self-tapping screw IS-P4x16	
16		1129 791 6100	1	Screw	
17		1146 160 2000	1	Clutch	
18		9104 003 3065	1	Self-tapping screw P6.3x18	
19		9074 478 2970	2	Pan head self-tapping screw IS-P4x10	

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(1) MS 150 TC-E, (2) MS 150 TC-E Z

Tightening torques

Reference	Item number	Qty	Description
1	9075 478 3012	2	Pan head self-tapping screw IS-D4x12 Binding thread
2	9074 478 3025	3	Pan head self-tapping screw IS-P4x16
3	9074 478 4435	1	Pan head self-tapping screw IS-P6x19 Binding thread
4	9074 478 3025	2	Pan head self-tapping screw IS-P4x16
5	9022 500 1093	2	Spline screw IS-M5x44

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(1) MS 150 TC-E, (2) MS 150 TC-E Z