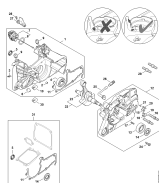
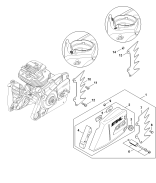


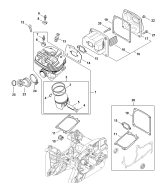
Crankcase



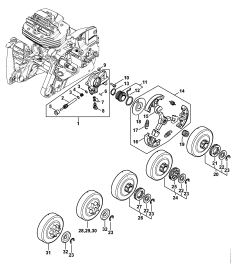
Crankcase →



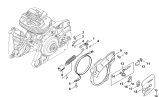
Chain sprocket cover



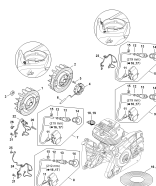
Cylinder, Muffler



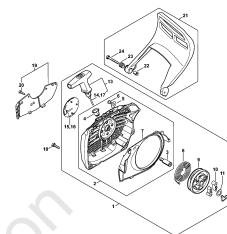
Oil pump, Clutch



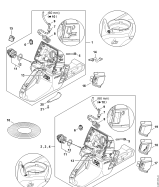
Chain brake, Chain tensioner



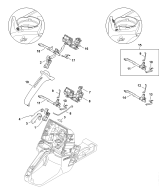
Ignition system



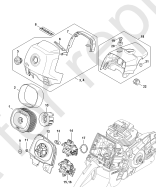
Rewind starter, Hand guard



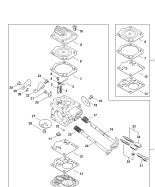
Tank housing



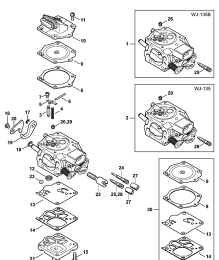
Throttle control



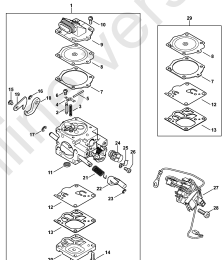
Air filter, Shroud



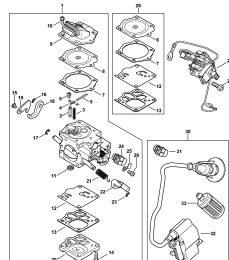
Carburetor 1144/02



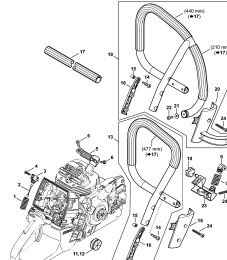
Carburetor WJ-135



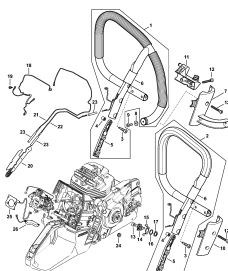
Carburetor WJ-140



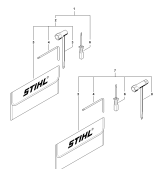
Carburetor WJ-134



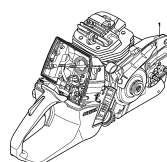
AV system, Handlebar



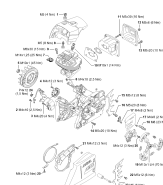
Heating



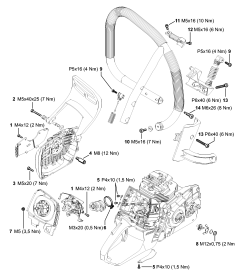
Tools, Extras



Serial number



Tightening torques

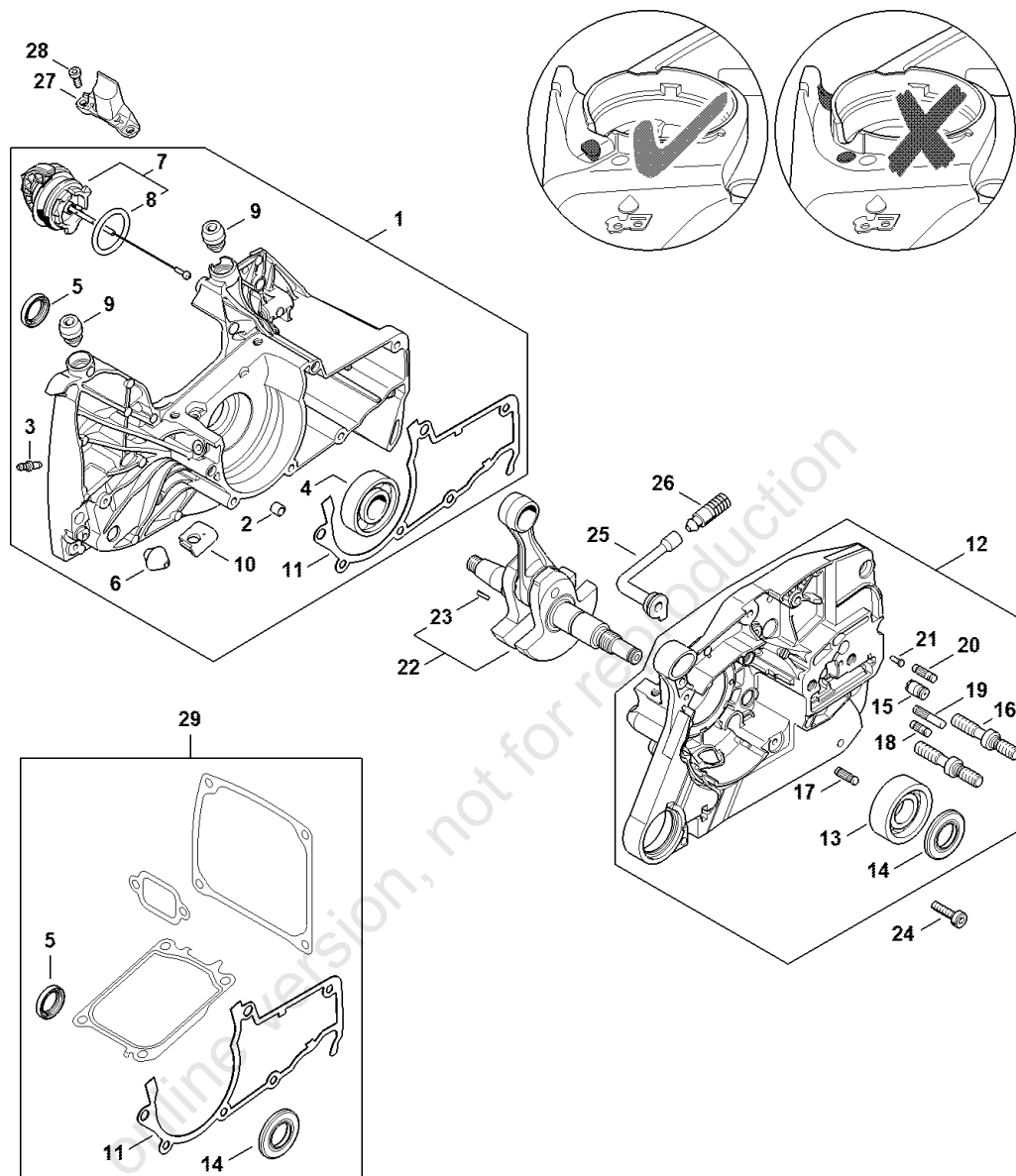


Tightening torques

online version, not for reproduction

MS 661, MS 661 C

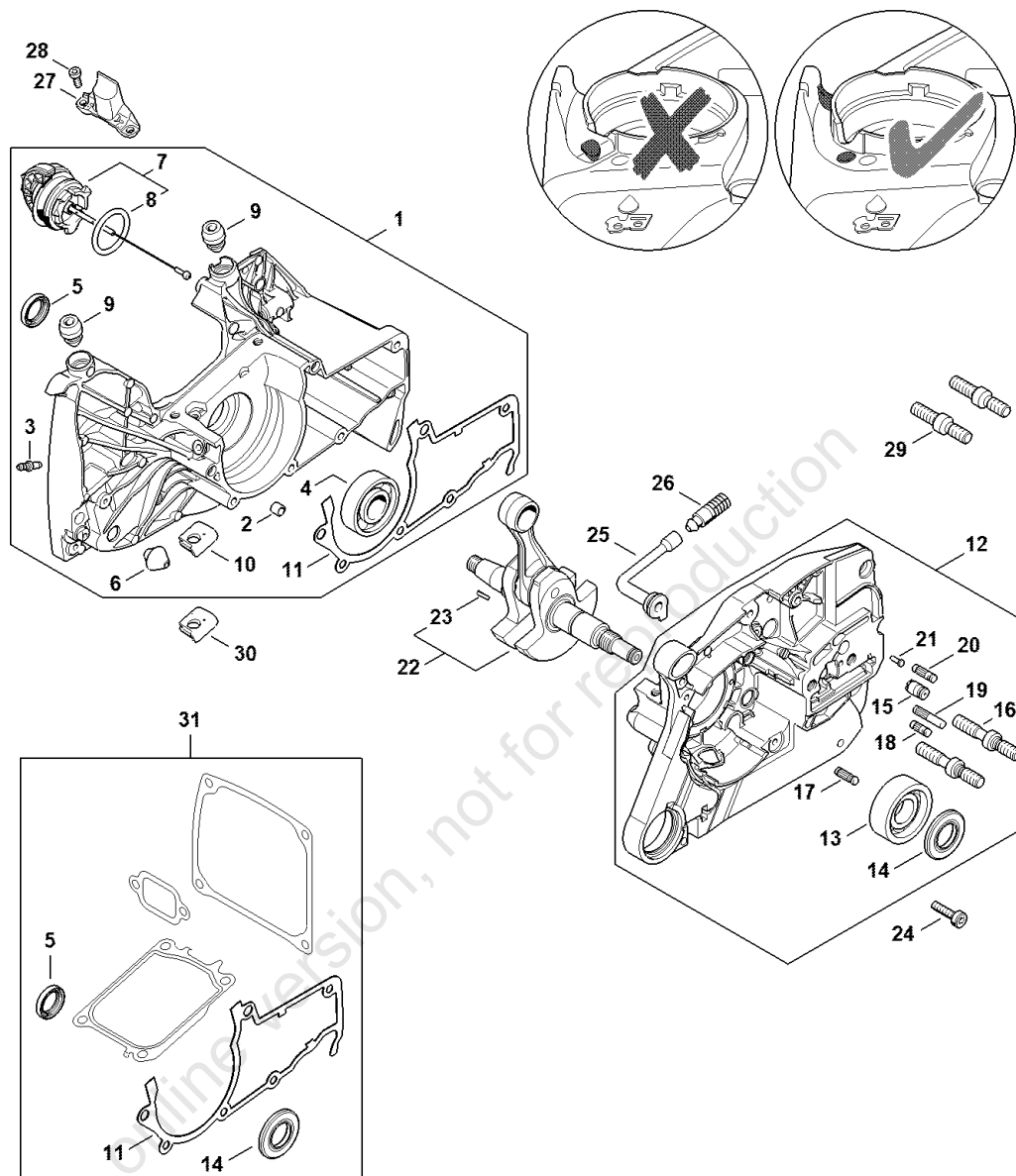
Description	Technical Information
Crankcase	
Crankcase →	
Chain sprocket cover	
Cylinder, Muffler	
Oil pump, Clutch	
Chain brake, Chain tensioner	
Ignition system	
Rewind starter, Hand guard	
Tank housing	
Throttle control	
Air filter, Shroud	
Carburetor 1144/02	
Carburetor WJ-135	
Carburetor WJ-140	
Carburetor WJ-134	
AV system, Handlebar	
Heating	
Tools, Extras	
Serial number	
Tightening torques	
Tightening torques	



1144-GET 0076-A0

Crankcase

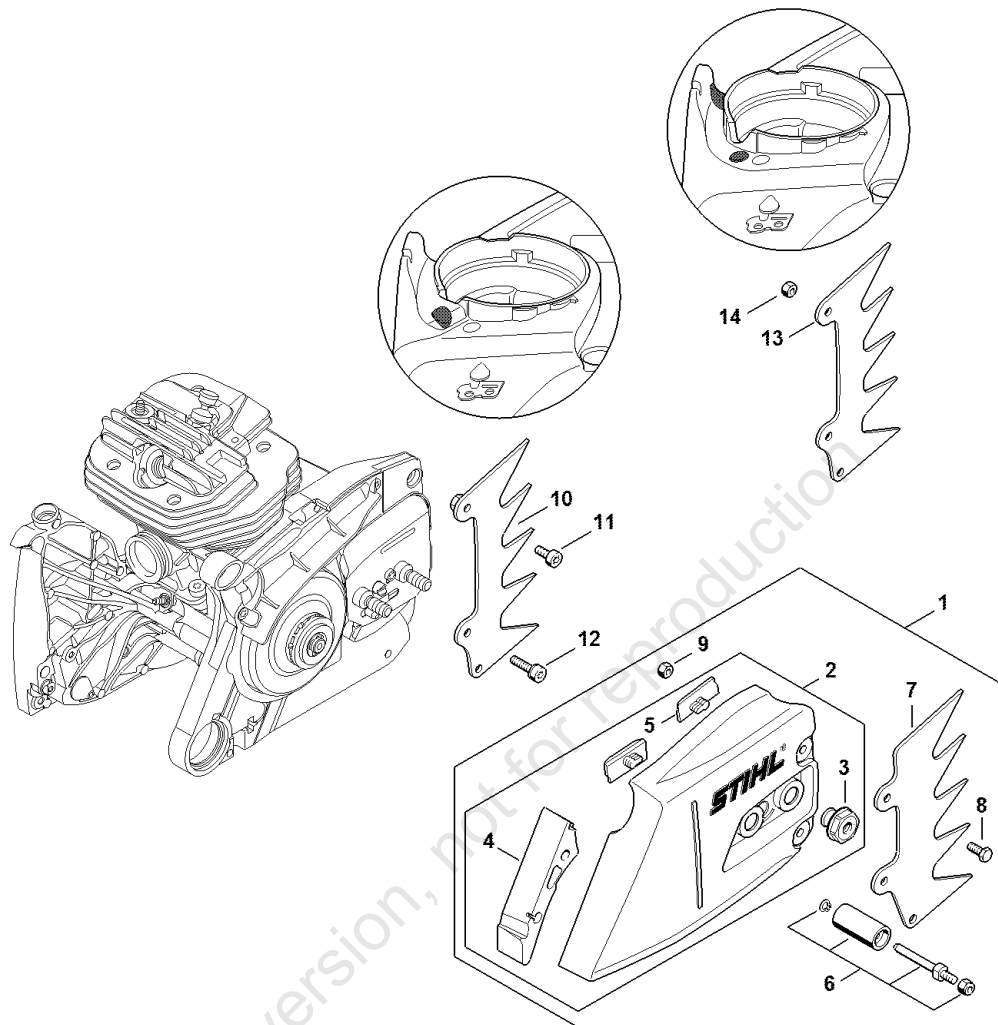
Reference	Item number	Qty	Description	Contains	Technical Information
1	1144 020 2604	1	Crankcase, fan side	2 - 11	
2	0000 988 8600	2	Sleeve		
3	0000 988 5211	1	Connector		
4	9503 003 6677	1	Grooved ball bearing 6203		
5	9640 003 1561	1	Oil seal DIN3760-BS15x22x4		
6	1133 791 5900	1	Stop buffer		
7	0000 350 0533	1	Filler cap	8	
8	9645 948 7734	1	O-ring 25x3.5		
9	1147 080 1701	2	Grommet		
10	1144 084 7401	1	Grommet		
11	1144 029 0501	1	Gasket		
12	1144 020 2924	1	Crankcase AS	13 - 21	
13	9523 003 4556	1	Grooved ball bearing 17x41x14		
14	9640 003 1851	1	Oil seal DIN3760-BS17x32,9x3,6		
15	1128 640 9100	1	Valve		
16	0000 664 2417	2	Collar screw M		
17	1120 162 5200	1	Pin		
18	1128 162 5200	1	Pin		
19	1121 162 5205	1	Pin		
20	1121 162 5200	1	Pin		
21	0000 974 1200	1	Notched pin 2.6x8		
22	1144 030 0402	1	Crankshaft	23	89.2017 25.2005
23	1120 036 8500	1	Woodruff key 2x3.7		
24	9022 371 1020	6	Spline screw IS-M5x20		
25	1122 647 9400	1	Hose		
26	1117 640 3800	1	Pickup body		
27	1144 021 8101	1	Flange		
28	9022 313 0651	2	Spline screw IS-M4x10		
29	1144 007 1601	1	Set of gaskets (B)	5, 11, 14	



Crankcase →

Reference	Item number	Qty	Description	Contains	Technical Information
1	* 1144 020 2604	1	Crankcase, fan side (1,2,5,6,7)	2 - 11	
2	* 0000 988 8600	2	Sleeve (1,2,5,6,7)		
3	* 0000 988 5211	1	Connector (1,2,5,6,7)		
4	* 9503 003 6677	1	Grooved ball bearing 6203 (1,2,5,6,7)		
5	* 9640 003 1561	1	Oil seal DIN3760-BS15x22x4 (1,2,5,6,7)		
6	* 1133 791 5900	1	Stop buffer (1,2,5,6,7)		
7	* 0000 350 0533	1	Filler cap (1,2,5,6,7)	8	
8	* 9645 948 7734	1	O-ring 25x3.5 (1,2,5,6,7)		
9	* 1147 080 1701	2	Grommet (1,2,5,6,7)		
10	* 1144 084 7401	1	Grommet (1,2,5,6,7)		
11	* 1144 029 0501	1	Gasket (1,2,5,6,7)		
12	* 1144 020 2924	1	Crankcase AS (1,2,5,6,7)	13 - 21	
13	* 9523 003 4556	1	Grooved ball bearing 17x41x14 (1,2,5,6,7)		
14	* 9640 003 1851	1	Oil seal DIN3760-BS17x32,9x3,6 (1,2,5,6,7)		
15	* 1128 640 9100	1	Valve (1,2,5,6,7)		
16	* 0000 664 2417	2	Collar screw M (1,2,5,6,7)		
17	* 1120 162 5200	1	Pin (1,2,5,6,7)		
18	* 1128 162 5200	1	Pin (1,2,5,6,7)		
19	* 1121 162 5205	1	Pin (1,2,5,6,7)		
20	* 1121 162 5200	1	Pin (1,2,5,6,7)		
21	* 0000 974 1200	1	Notched pin 2.6x8 (1,2,5,6,7)		
22	* 1144 030 0402	1	Crankshaft (1,2,5,6,7)	23	89.2017 25.2005
23	* 1120 036 8500	1	Woodruff key 2x3.7 (1,2,5,6,7)		
24	* 9022 371 1020	6	Spline screw IS-M5x20 (1,2,5,6,7)		
25	* 1122 647 9400	1	Hose (1,2,5,6,7)		
26	* 1117 640 3800	1	Pickup body (1,2,5,6,7)		
27	* 1144 021 8101	1	Flange (1,2,5,6,7)		
28	* 9022 313 0651	2	Spline screw IS-M4x10 (1,2,5,6,7)		
29	* 0000 664 2413	2	Collar screw M8 (1,2,5,6,7)		
30	* 1144 084 7400	1	Grommet (1,2,5,6,7)		
31	* 1144 007 1601	1	Set of gaskets (B) (1,2,5,6,7)	5, 11, 14	

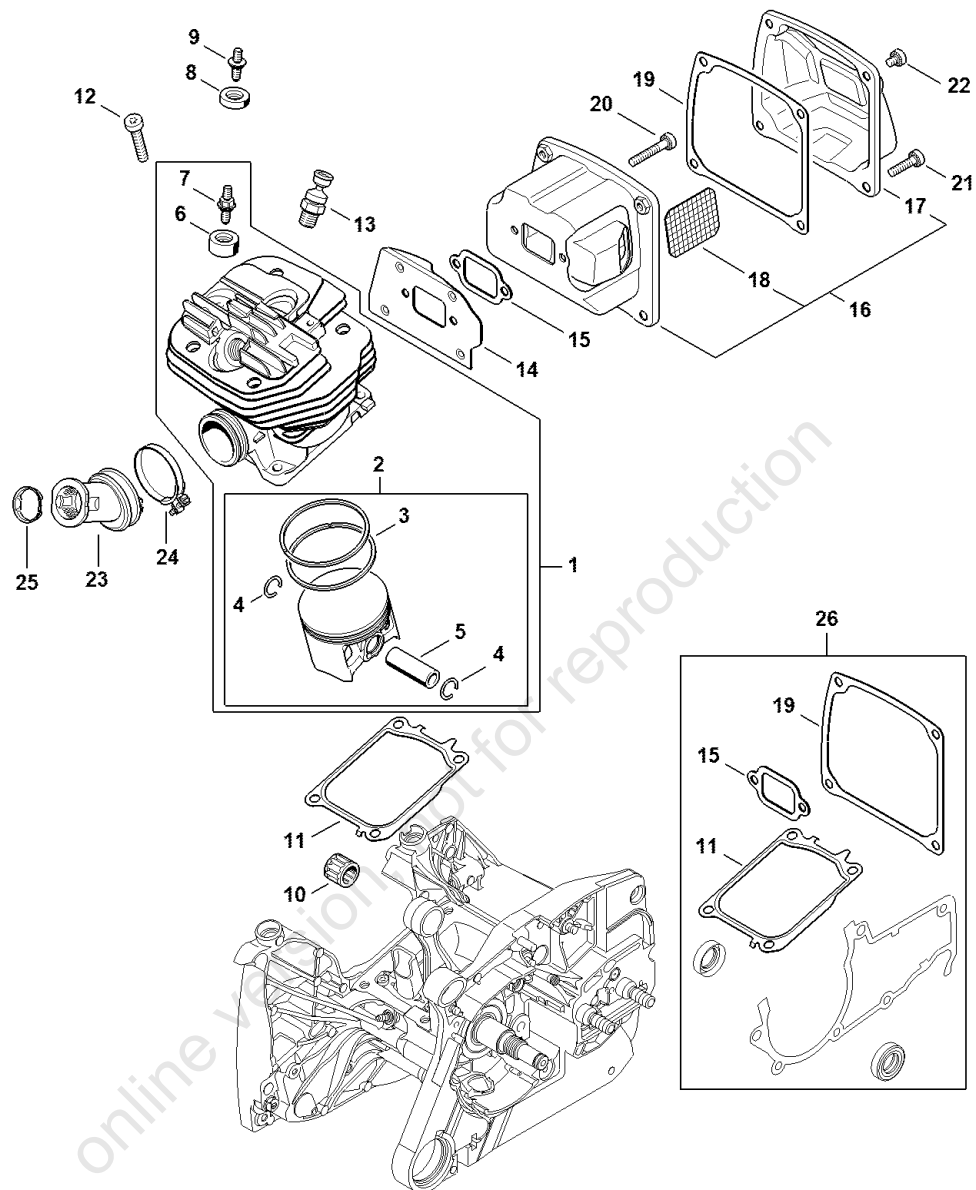
(1) MS 661, (2) MS 661 C-M, (3) MS 661 C-M RVWZ Magnum, (4) MS 661 C-M RZ Magnum, (5) MS 661 C-M W, (6) MS 661 C-M Z Magnum, (7) MS 661 Magnum, (8) MS 661-RZ Magnum, (9) MS 661-Z Magnum



1144-GET-0002-A0

Chain sprocket cover

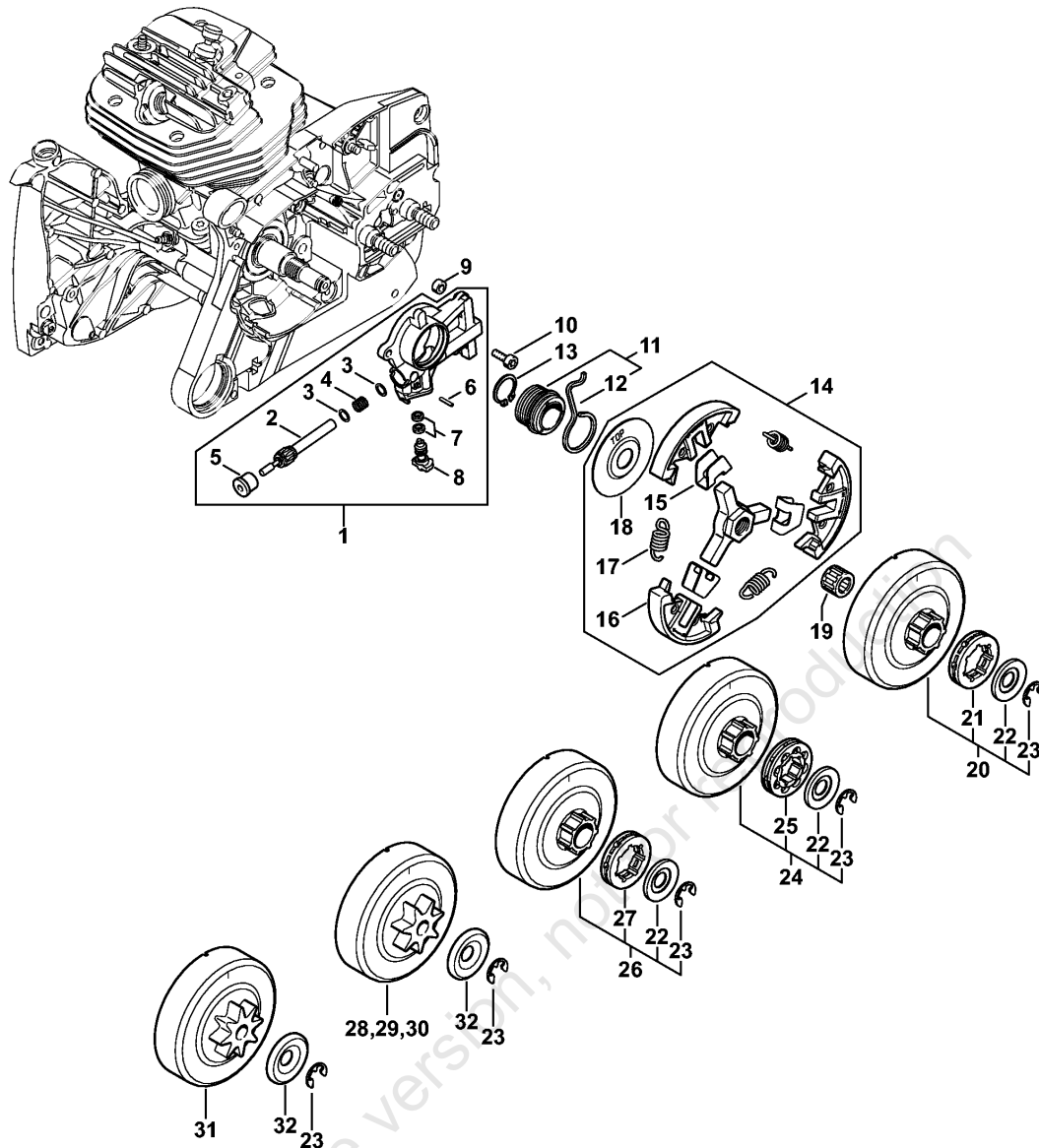
Reference	Item number	Qty	Description	Contains
1	1144 640 1704	1	Chain sprocket cover (6,9)	2 - 9
2	1144 640 1705	1	Chain sprocket cover (6,9)	3 - 5
3	0000 995 0806	2	Collar nut M8 (6,9)	
4	1135 656 1500	1	Guard (6,9)	
5	1121 648 6610	2	Bumper strip (6,9)	
6	1122 650 7702	1	Chain catcher (6,9)	
7	1122 664 0503	1	Bumper spike (6,9)	
8	9008 345 0960	2	Hexagon head screw M5x12 (6,9)	
9	9214 320 0700	2	Lock nut M5 (6,9)	
10	1144 660 0801	1	Bumper spike (6,9)	
11	9022 341 0961	1	Spline screw IS-M5x12 Micro-encapsulated with binding thread (6,9)	
12	9022 341 1019	1	Spline screw IS-M5x20 (6,9)	
13	* 1122 664 0508	1	Bumper spike (6)	
14	* 9214 320 0700	1	Lock nut M5 (6)	



1164-CET-0057-AQ

Cylinder, Muffler

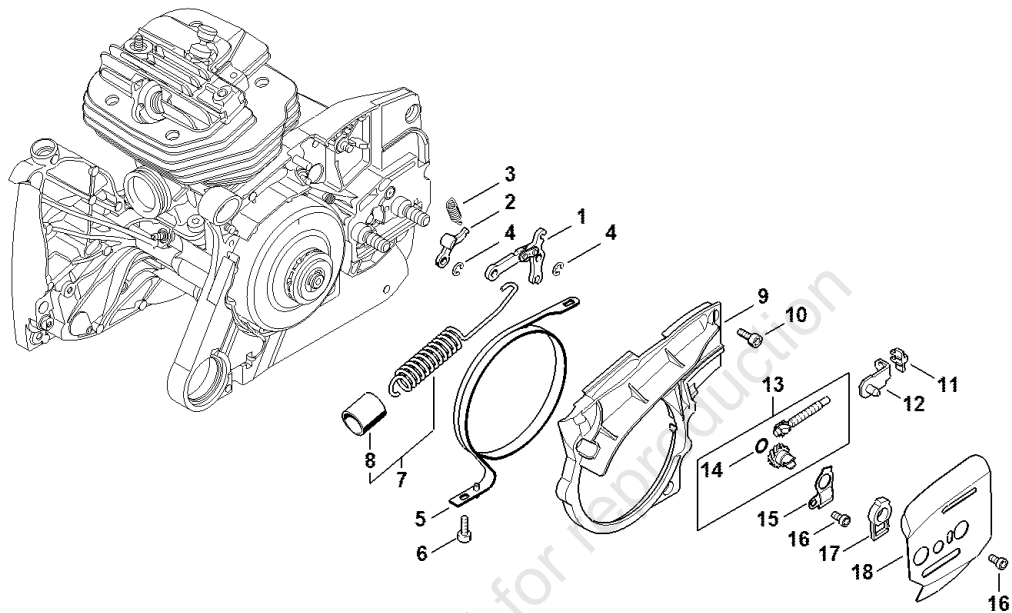
Reference	Item number	Qty	Description	Contains
1	1144 020 1202	1	Cylinder with piston Ø 56 mm (3,4,6,8,9)	2 - 7
2	1144 030 2001	1	Piston Ø 56 mm (3,4,6,8,9)	3 - 5
3	1144 034 3002	2	Piston ring Ø 56x1,2 mm (3,4,6,8,9)	
4	9463 650 1200	2	Snap ring 12x1 (3,4,6,8,9)	
5	1144 034 1500	1	Piston pin 12x8x35 (3,4,6,8,9)	
6	1144 028 1000	1	Grommet (3,4,6,8,9)	
7	0000 953 0811	1	Stud M5 (3,4,6,8,9)	
8	* 1135 028 1002	1	Grommet (3,4,6,8,9)	
9	* 0000 953 0810	1	Stud M5 (3,4,6,8,9)	
10	9512 003 3286	1	Needle cage 12x17x14,4 (3,4,6,8,9)	
11	1144 029 2300	1	Cylinder gasket (3,4,6,8,9)	
12	9022 341 1370	4	Spline screw IS-M6x30 (3,4,6,8,9)	
13	1124 020 9401	1	Decompression valve (3,4,6,8,9)	
14	1144 141 3200	1	Cooling plate (3,4,6,8,9)	
15	1144 149 0600	1	Muffler gasket (3,4,6,8,9)	
16	1144 140 0601	1	Muffler (3,4,6,8,9)	17, 18
17	1144 145 0800	1	Exhaust casing (3,4,6,8,9)	
18	1144 141 9001	1	Screen (3,4,6,8,9)	
19	1144 149 0500	1	Gasket (3,4,6,8,9)	
20	9022 373 1070	2	Spline screw IS-M5x30 (3,4,6,8,9)	
21	9022 399 1020	2	Spline screw IS-M5x20 (3,4,6,8,9)	
22	9022 341 0911	2	Spline screw IS-M5x6 (3,4,6,8,9)	
23	1144 141 2202	1	Manifold (3,4,6,8,9)	
24	9771 021 2620	1	Hose clip Ø 36x5 (3,4,6,8,9)	
25	1122 141 1805	1	Sleeve (3,4,6,8,9)	
26	1144 007 1601	1	Set of gaskets (B) (3,4,6,8,9)	11, 15, 19



1144-GET-00030-A0

Oil pump, Clutch

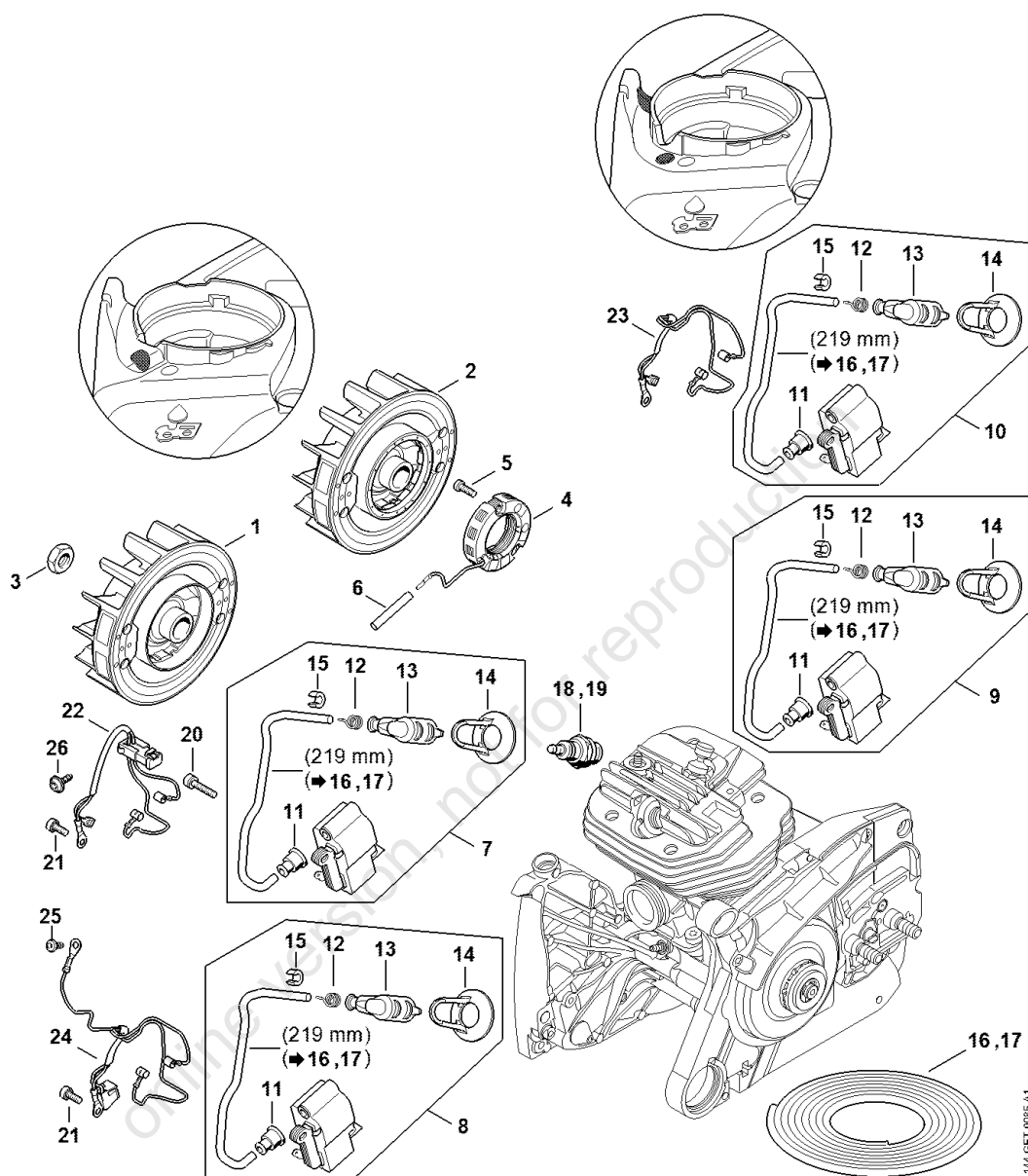
Reference	Item number	Qty	Description	Contains
1	1144 640 3200	1	Oil pump	2 - 8
2	1144 647 0600	1	Pump piston	
3	0000 958 0611	2	Washer	
4	0000 997 0629	1	Compression spring	
5	1144 641 9400	1	Bearing bushing	
6	9380 620 1090	1	Roll pin 2x10	
7	9646 945 0160	2	O-ring 4x2	
8	1144 647 4800	1	Control bolt	
9	1122 649 5000	1	Sealing ring B4x2	
10	9022 346 0658	2	Spline screw IS-M4x12	
11	1144 640 7101	1	Worm	12
12	1122 647 2401	1	Spring	
13	9455 621 1800	1	Circlip 17x1	
14	1144 160 2001	1	Clutch	15 - 18
15	0000 162 3001	3	Retainer	
16	1144 162 0802	3	Clutch shoe	
17	0000 997 5520	3	Tension spring	
18	1144 162 1000	1	Cover washer	
19	9512 933 2382	1	Needle cage 10x16x13	
20	1122 007 1000	1	Rim sprocket kit 3/8" 7T	21 - 23
21	0000 642 1223	1	Rim sprocket 3/8" 7T	
22	0000 958 1032	1	Washer Ø 27 mm	
23	9460 624 0801	1	E-clip 8x1.3	
24	1122 007 1001	1	Rim sprocket kit 3/8" 8T (B)	22, 23, 25
25	0000 642 1216	1	Rim sprocket 3/8" 8T (B)	
26	1122 007 1002	1	Rim sprocket kit 0.404" 7T	22, 23, 27
27	0000 642 1207	1	Rim sprocket 0.404" 7T	
28	1122 640 2006	1	Chain sprocket 3/8" 7T Picco	
29	1122 640 2001	1	Chain sprocket 0.404" 7T (B)	
30	1122 640 2002	1	Chain sprocket 3/8" 7T (B)	
31	1122 640 2000	1	Chain sprocket 3/8" 8T (B)	
32	0000 958 1029	1	Washer Ø 33 mm (B)	



11445ET 0084-A0

Chain brake, Chain tensioner

Reference	Item number	Qty	Description	Contains
1	1128 160 5000	1	Lever	
2	1121 162 5010	1	Lever	
3	0000 997 0628	1	Spring	
4	9460 624 0400	2	E-clip 4	
5	1144 160 5400	1	Brake band	
6	9022 346 0658	1	Spline screw IS-M4x12	
7	1144 160 5500	1	Tension spring	8
8	1144 162 8000	1	Hose	
9	1144 021 1100	1	Cover	
10	9022 313 0660	3	Spline screw IS-M4x12	
11	1125 664 1400	1	Thrust pad	
12	1125 640 1900	1	Tensioner slide	
13	1125 007 1021	1	Spur gear / chain adjusting screw kit	14
14	9646 945 0490	1	O-ring 7x1.5	
15	1122 664 2200	1	Cover plate	
16	9022 313 0633	2	Spline screw IS-M4x8	
17	1122 664 4500	1	Support	
18	1128 664 1001	1	Inner side plate 0.9 mm	



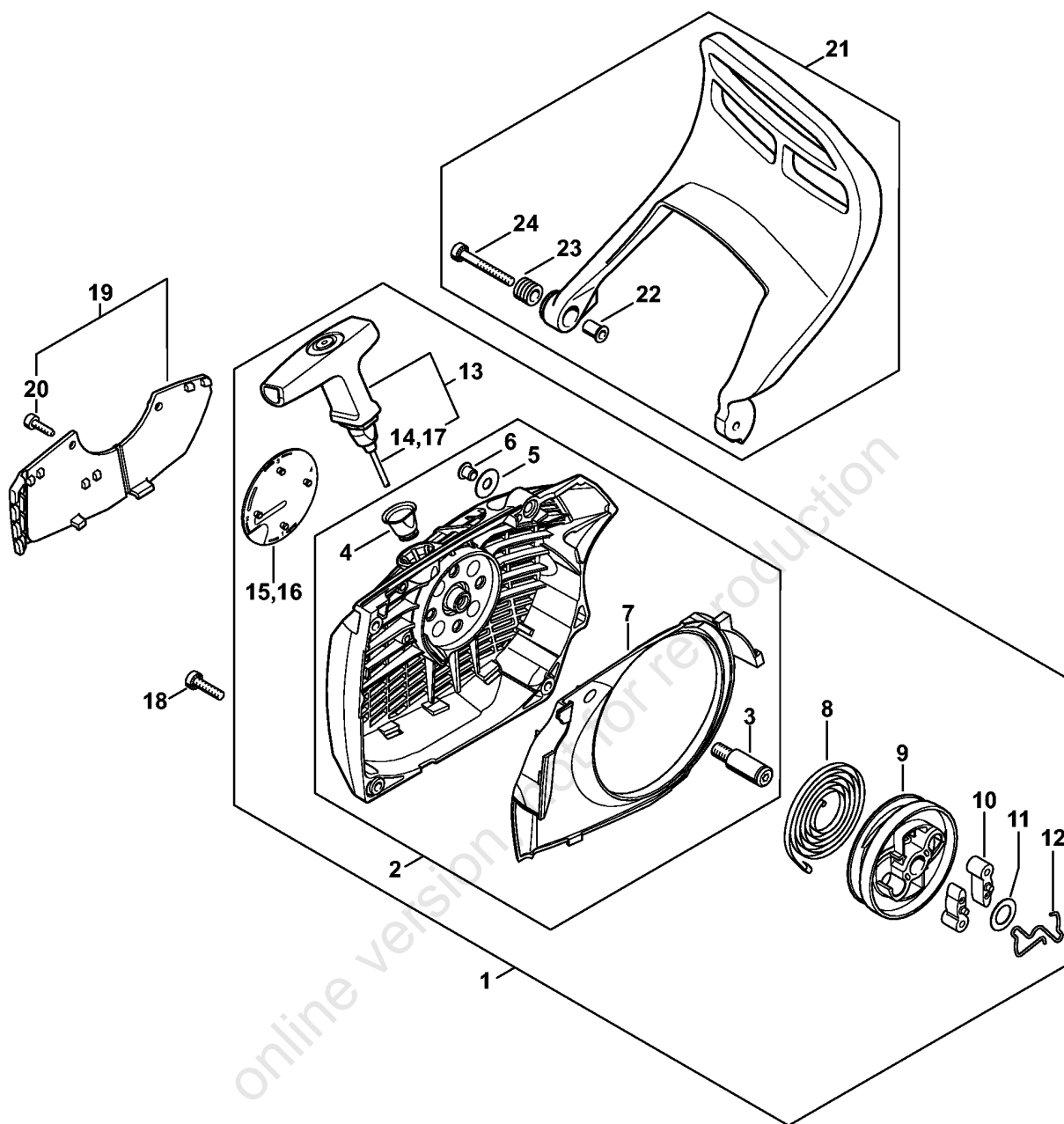
Ignition system

Reference	Item number	Qty	Description	Contains	Up to	From Machine	Technical Information
1	1144 400 1200	1	Flywheel (1,2,4,6, 7,8,9)				25.2005
2	1144 400 1220	1	Flywheel (3,5)				25.2005
3	9211 260 1340	1	Hexagon nut M10x1				
4	1144 404 3500	1	Generator (3,5)				
5	9022 313 0658	2	Spline screw IS- M4x12 (3,5)				
6	1138 442 0404	1	Insulating hose 33.5 mm (3,5)				
7	1144 400 1303	1	Ignition module (1,7,8,9)	11 - 16			
8	1144 400 4705	1	Control unit (2,3 ,4,5,6)	11 - 16		187780674	
9	* 1144 400 4704	1	Control unit (2,3 ,4,5,6)	11 - 16	187780673		61.2017
10	* 1144 400 1309	1	Ignition module (1,7)	11 - 16			
11	0000 989 1002	1	Grommet				
12	0000 998 0604	1	Spark plug contact spring				
13	1128 405 1000	1	Spark plug boot				
14	1128 084 1400	1	Spark plug boot cover				
15	0000 448 1206	1	Lead retainer				
16	0000 405 0600	1	Ignition lead 1 m				
17	0000 930 2251	1	Ignition lead 10 m (B)				
18	0000 400 7000	1	Spark plug NGK				

(1) MS 661, (2) MS 661 C-M, (3) MS 661 C-M RVWZ Magnum, (4) MS 661 C-M RZ Magnum, (5) MS 661 C-M W, (6) MS 661 C-M Z Magnum, (7) MS 661 Magnum, (8) MS 661-RZ Magnum, (9) MS 661-Z Magnum

Ignition system

Reference	Item number	Qty	Description	Contains	Up to	From Machine	Technical Information
			BPMR7A				
19	1110 400 7005	1	Spark plug Bosch WSR 6 F				
20	9022 341 0710	2	Spline screw IS-M4x20				
21	9022 341 0650	1	Spline screw IS-M4x10				
22	1144 440 3003	1	Wiring harness (1,7,8,9)				
23	* 1144 440 3000	1	Wiring harness (1,7)				
24	1144 440 3012	1	Wiring harness (2,3,4,5,6)				
25	9074 478 2970	1	Pan head self-tapping screw IS-P4x10 (2,3,4,5,6)				
26	9104 003 3002	1	Self-tapping screw IS-P4x12				

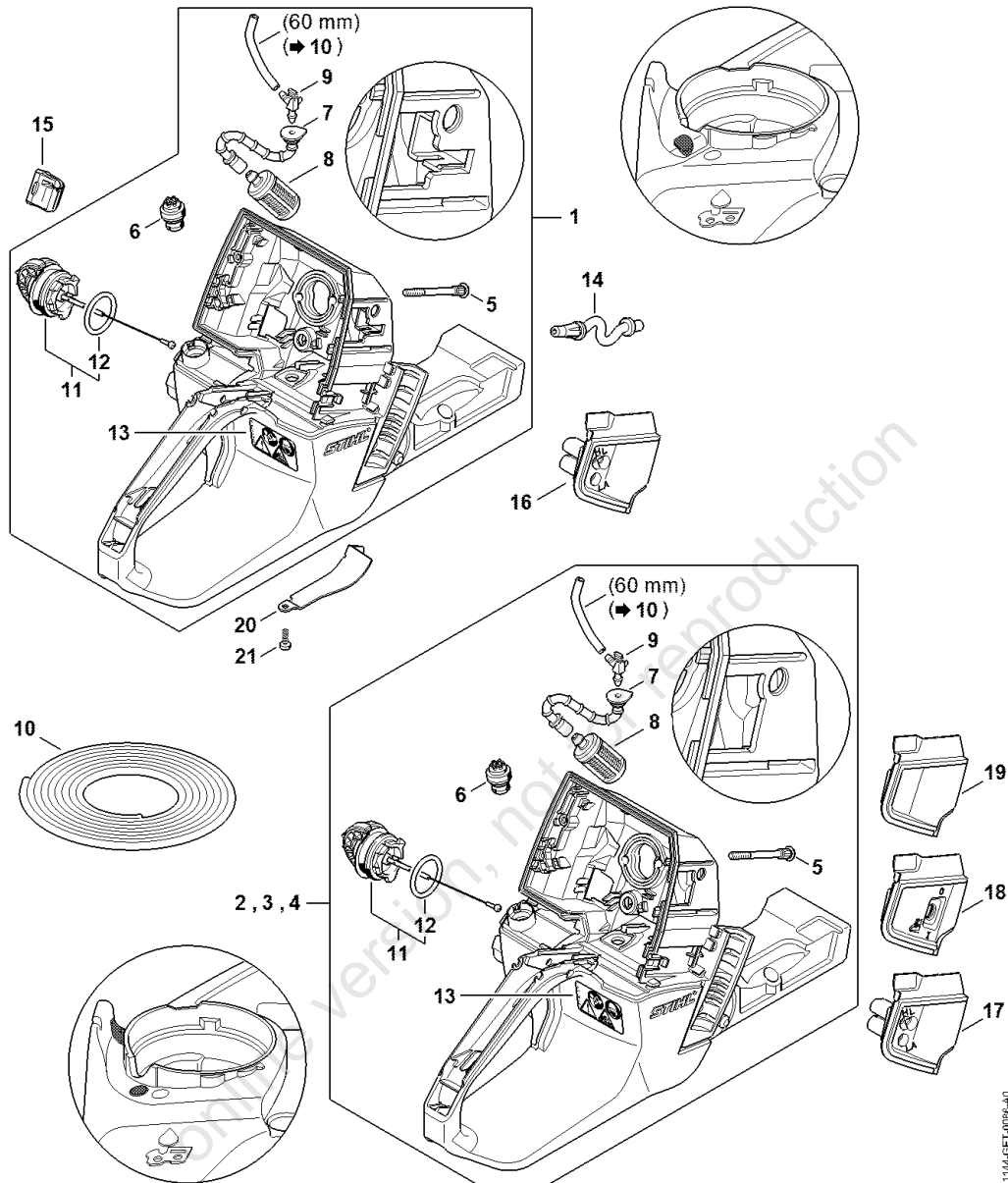


1144-GET-0025-A0

Rewind starter, Hand guard

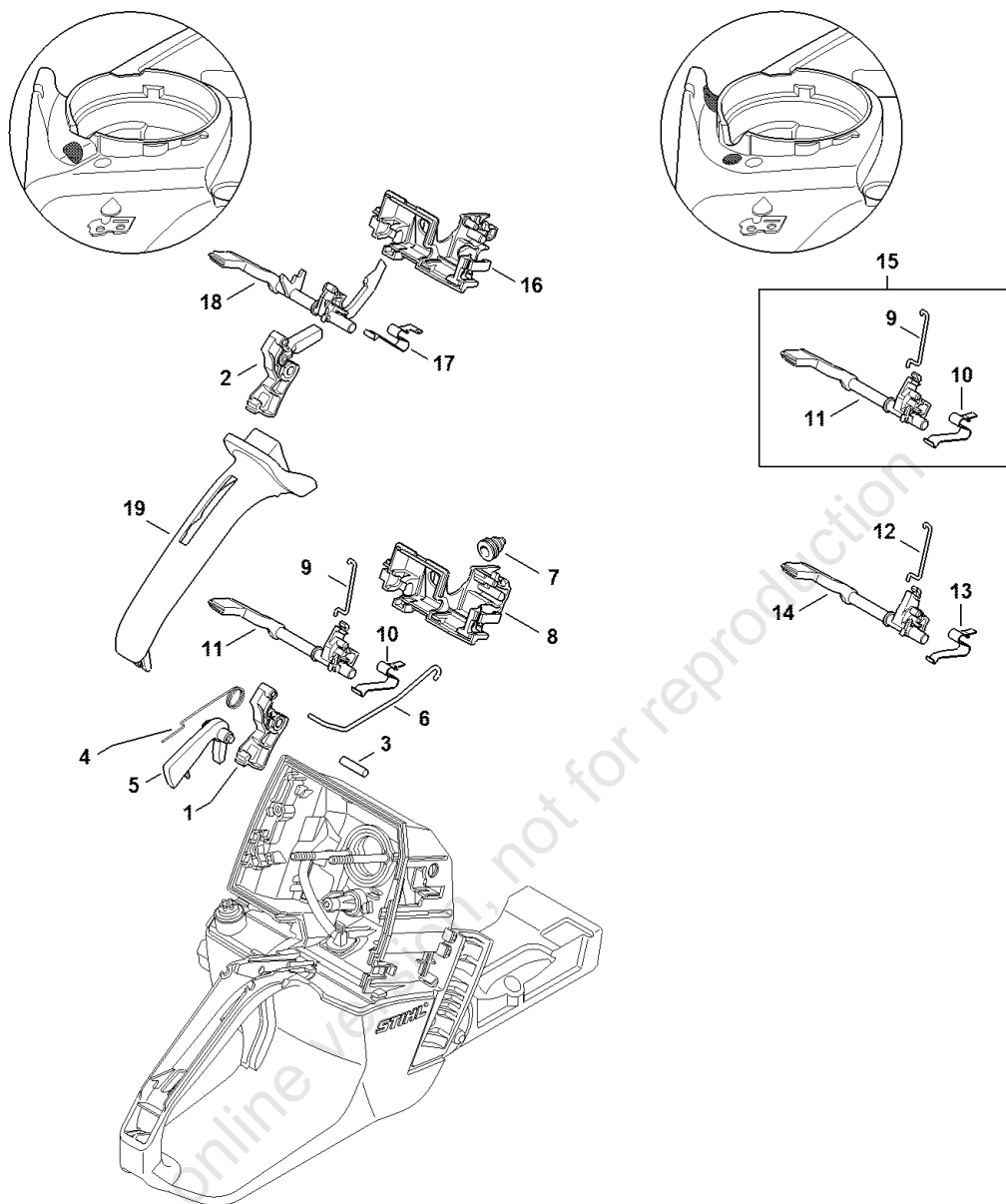
Reference	Item number	Qty	Description	Contains
1	1144 080 2102	1	Fan housing with rewind starter (1,2,3,4,5,6,7)	2 - 16
2	1144 080 1801	1	Fan housing (1,2,3,4,5,6,7)	3 - 7
3	1122 084 6502	1	Axle (1,2,3,4,5,6,7)	
4	1110 084 9102	1	Bushing (1,2,3,4,5,6,7)	
5	0000 958 0607	1	Washer (1,2,3,4,5,6,7)	
6	9416 868 6530	1	Hollow rivet 6.5x0.5x6.8 (1,2,3,4,5,6,7)	
7	1144 084 7800	1	Segment (1,2,3,4,5,6,7)	
8	1135 190 0600	1	Rewind spring (1,2,3,4,5,6,7)	
9	1122 195 0400	1	Rope rotor (1,2,3,4,5,6,7)	
10	1124 195 7200	2	Pawl (1,2,3,4,5,6,7)	
11	1119 162 8925	1	Washer Ø 12 mm (1,2,3,4,5,6,7)	
12	1124 195 3500	1	Spring (1,2,3,4,5,6,7)	
13	1122 190 3400	1	Starter grip ElastoStart Ø 4,5 mm (1,2,3,4,5,6,7)	14
14	1122 190 2900	1	Starter rope Ø 4.5 mm (1,2,3,4,5,6,7)	
15	1144 967 1500	1	Model plate MS 661 (1,7)	
16	1144 967 1501	1	Model plate MS 661 C (2,3,4,5,6)	
17	0000 930 2268	1	Starter rope Ø 4.5mm / 28 pieces (B) (1,2,3,4,5,6,7)	
18	9022 371 1020	3	Spline screw IS-M5x20 (1,2,3,4,5,6,7)	
19	1144 080 7500	1	Cover plate (B) (1,2,3,4,5,6,7)	20
20	9022 313 0658	2	Spline screw IS-M4x12 (B) (1,2,3,4,5,6,7)	
21	1144 790 9100	1	Hand guard (1,2,3,4,5,6,7)	22 - 24
22	1124 792 5500	1	Bushing (1,2,3,4,5,6,7)	
23	1124 792 5505	1	Bushing (1,2,3,4,5,6,7)	
24	9022 341 1090	1	Spline screw IS-M5x40 (1,2,3,4,5,6,7)	

Tank housing



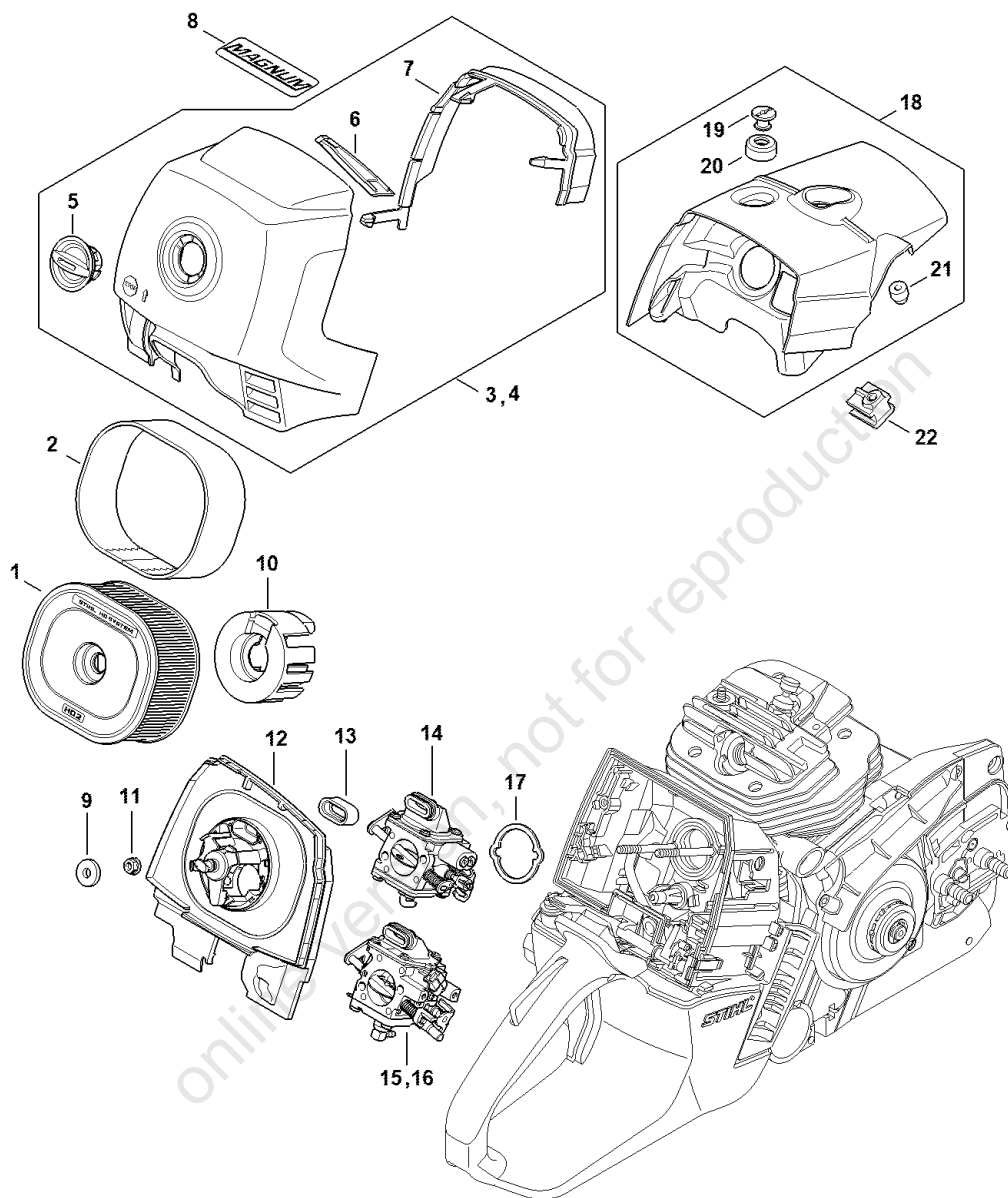
Tank housing

Reference	Item number	Qty	Description	Contains
1	1144 350 0810	1	Tank housing (1,7)	5 - 13
2	* 1144 350 0801	1	Tank housing (1,7)	5 - 13
3	1144 350 0801	1	Tank housing (2,3,4,5,6)	5 - 13
4	1144 350 0824	1	Tank housing (3,5)	5 - 13
5	1122 122 6602	2	Collar screw	
6	0000 350 5800	1	Tank vent	
7	1140 358 7706	1	Hose	
8	0000 350 3518	1	Pickup body	
9	1139 122 3900	1	Elbow connector	
10	0000 937 5004	1	Hose 3.1x5.7 mm x 1 m R5	
11	0000 350 0533	1	Filler cap	12
12	9645 948 7734	1	O-ring 25x3.5	
13	0000 967 7247	1	Warning pictogram MS	
14	1144 141 8600	1	Impulse hose	
15	1144 989 0800	1	Grommet	
16	1144 123 7504	1	Grommet (1,7)	
17	* 1144 123 7500	1	Grommet (1,7)	
18	1144 123 7524	1	Grommet (3,5)	
19	1144 123 7514	1	Grommet (2,4,6)	
20	1144 351 0900	1	Guard (3,4,6)	
21	9074 478 2970	1	Pan head self-tapping screw IS-P4x10 (3,4,6)	



Throttle control

Referen ce	Item number	Qty	Description	Contains
1	1144 182 1000	1	Throttle trigger (1,7,8,9)	
2	1144 180 1501	1	Throttle trigger (2,3,4,5,6)	
3	9371 470 2620	1	Cylindrical pin 5x20	
4	1117 182 4500	1	Torsion spring	
5	1141 182 0800	1	Lockout lever	
6	1144 182 1500	1	Throttle rod	
7	1144 182 0700	1	Grommet	
8	1144 182 2100	1	Retainer (1,7,8,9)	
9	1144 185 1901	1	Choke rod (1,7,8,9)	
10	1144 442 1602	1	Contact spring (1,7,8,9)	
11	1144 182 0901	1	Switch shaft (1,7,8,9)	
12	* 1144 185 1900	1	Choke rod (1,7)	
13	* 1144 442 1600	1	Contact spring (1,7)	
14	* 1144 182 0900	1	Switch shaft (1,7)	
15	* 1144 007 1000	1	Control shaft kit (1,7)	9 - 11
16	1144 182 2110	1	Retainer (2,3,4,5,6)	
17	1144 442 1610	1	Contact spring (2,3,4,5,6)	
18	1144 182 0910	1	Switch shaft (2,3,4,5,6)	
19	1144 791 0600	1	Handle molding	

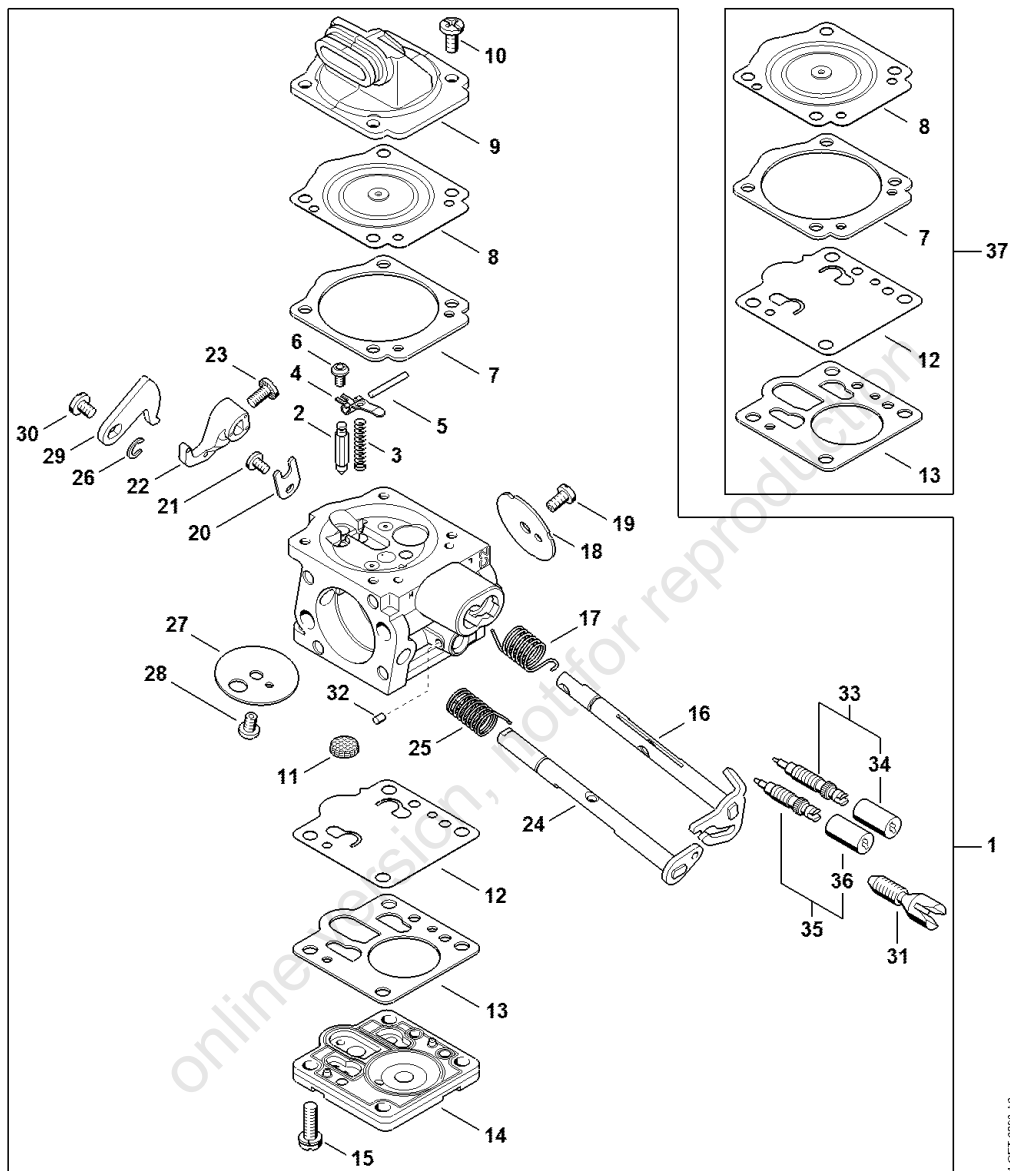


1144-GET 0090-A0

Air filter, Shroud

Referen ce	Item number	Qty	Description	Contains	From Machine	Technical Information
1	1144 140 4402	1	Air filter HD2 (1,2,3,4,5,6,7)			
2	0000 141 0602	1	Prefilter (B) (1,2,3,4,5,6,7)			
3	1144 140 1000	1	Filter cover (1,7)	5 - 7		
4	1144 140 1010	1	Filter cover (2,3,4,5,6)	5 - 7		
5	1144 141 2300	1	Twist lock (1,2,3,4,5,6,7)			
6	1144 141 4000	1	Slide (1,2,3,4,5,6,7)			
7	1144 141 6300	1	Air baffle (1,2,3,4,5,6,7)			
8	0000 967 1593	1	Model plate Magnum (1,2,3,4,5,6,7)			
9	1144 129 0900	1	Gasket (1,2,3,4,5,6,7)			
10	1144 121 6900	1	Baffle (1,2,3,4,5,6,7)			
11	9216 261 0700	2	Hexagon nut M5 (1,2,3,4,5,6,7)			
12	1144 140 1200	1	Filter base (1,2,3,4,5,6,7)			
13	1124 121 9100	1	Bushing (1,2,3,4,5,6,7)			
14	1144 120 0602	1	Carburetor 1144/02 (1,7)			
15	1144 120 0612	1	Carburetor WJ-140A (2,3,4,5,6)		184316256	
16	* 1144 120 0614	1	Carburetor WJ-143 (2,3,4,5,6)			89.2017
17	1128 121 8600	1	Washer (1,2,3,4,5,6,7)			
18	1144 080 1600	1	Shroud (1,2,3,4,5,6,7)	19 - 21		
19	0000 084 7000	1	Slotted nut (1,2,3,4,5,6,7)			
20	0000 084 6900	1	Insulator (1,2,3,4,5,6,7)			
21	1121 084 7100	1	Cap (1,2,3,4,5,6,7)			
22	1135 028 1001	1	Grommet (1,2,3,4,5,6,7)			

(1) MS 661, (2) MS 661 C-M, (3) MS 661 C-M RVWZ Magnum, (4) MS 661 C-M RZ Magnum, (5) MS 661 C-M W, (6) MS 661 C-M Z Magnum, (7) MS 661 Magnum, (8) MS 661-RZ Magnum, (9) MS 661-Z Magnum

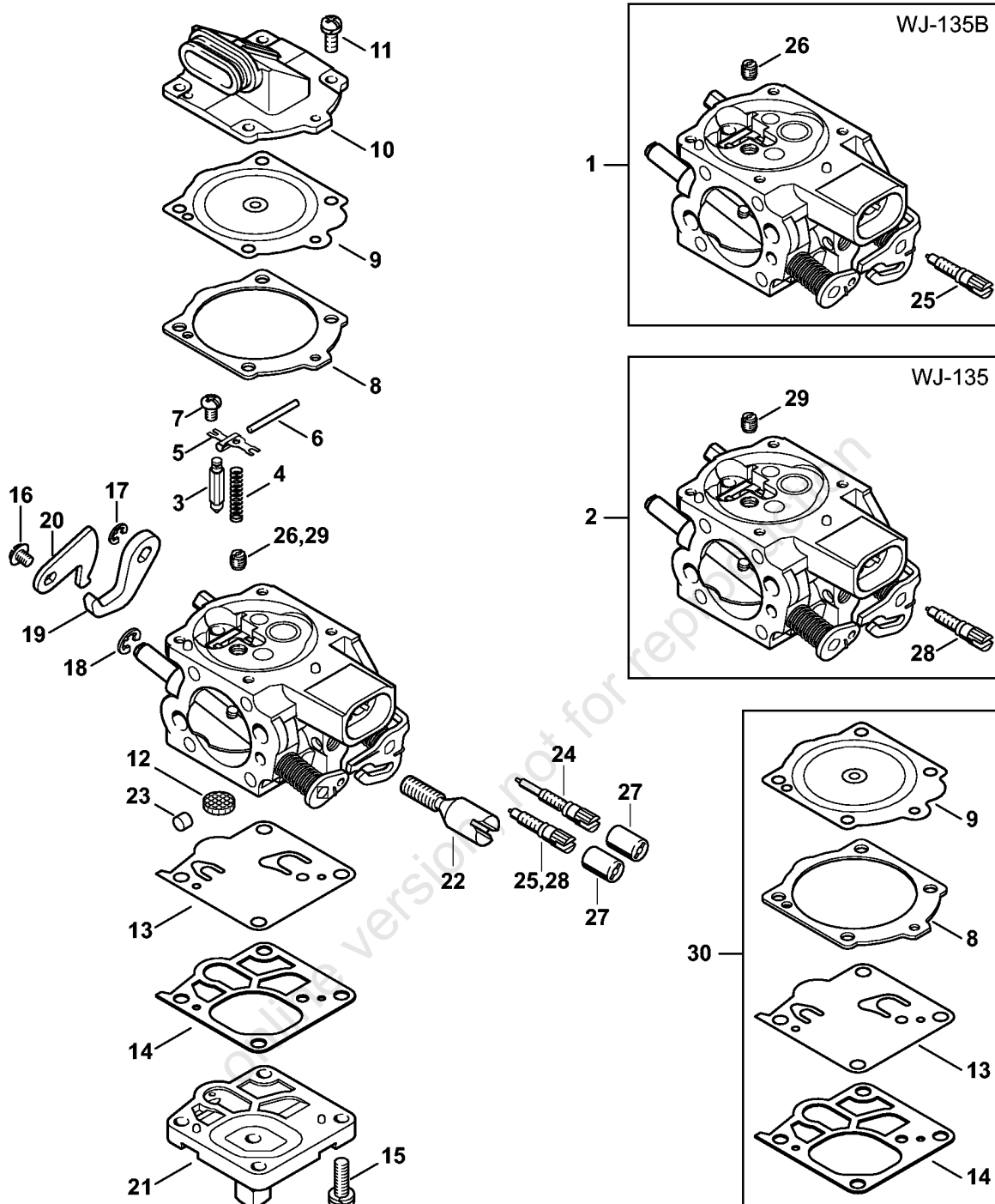


1144-GET 0003-A0

Carburetor 1144/02

Reference	Item number	Qty	Description	Contains
1	1144 120 0602	1	Carburetor 1144/02 (1,7,8,9)	2 - 36
2	4126 121 5170	1	Inlet needle (1,7,8,9)	
3	1144 122 3001	1	Spring (1,7,8,9)	
4	1119 121 5002	1	Inlet control lever (1,7,8,9)	
5	1120 121 9200	1	Spindle (1,7,8,9)	
6	0000 122 7101	1	Screw (1,7,8,9)	
7	1144 129 0901	1	Gasket (1,7,8,9)	
8	1144 121 4701	1	Metering diaphragm (1,7,8,9)	
9	1144 121 0803	1	End cover (1,7,8,9)	
10	1120 122 6601	4	Collar screw (1,7,8,9)	
11	1123 121 7800	1	Strainer (1,7,8,9)	
12	1144 121 4801	1	Pump diaphragm (1,7,8,9)	
13	1144 129 0902	1	Gasket (1,7,8,9)	
14	1144 120 2602	4	Pump cover (1,7,8,9)	
15	1144 122 7101	1	Screw (1,7,8,9)	
16	1144 120 7102	1	Throttle shaft with lever (1,7,8,9)	
17	1144 122 3202	1	Torsion spring (1,7,8,9)	
18	1144 121 3301	1	Throttle shutter (1,7,8,9)	
19	1125 122 7402	1	Round head screw (1,7,8,9)	
20	1144 122 9300	1	Clip (1,7,8,9)	
21	1144 122 7400	1	Round head screw (1,7,8,9)	
22	1144 121 3502	1	Throttle lever (1,7,8,9)	
23	4132 122 6600	1	Collar screw (1,7,8,9)	
24	1144 120 7202	1	Choke shaft with lever (1,7,8,9)	
25	1144 122 3203	1	Torsion spring (1,7,8,9)	
26	4282 122 9000	2	E-clip (1,7,8,9)	
27	1144 121 2901	1	Choke shutter (1,7,8,9)	
28	1125 122 7403	1	Round head screw (1,7,8,9)	
29	1144 121 6603	1	Lever (1,7,8,9)	
30	9079 319 0280	1	Flat head screw M3x3.5 (1,7,8,9)	
31	1143 122 6203	1	Idle speed screw (1,7,8,9)	
32	1125 122 4200	1	Clamp (1,7,8,9)	
33	Z000 031 K018	1	Low speed screw kit (1,7,8,9)	34
34	Z000 061 A000	1	Limiter Cap assy (1,7,8,9)	
35	Z000 030 K004	1	High speed screw kit (1,7,8,9)	36
36	Z000 061 A001	1	Limiter Cap assy (1,7,8,9)	
37	1144 007 1701	1	Set of carburetor parts (B) (1,7,8,9)	7, 8, 12, 13

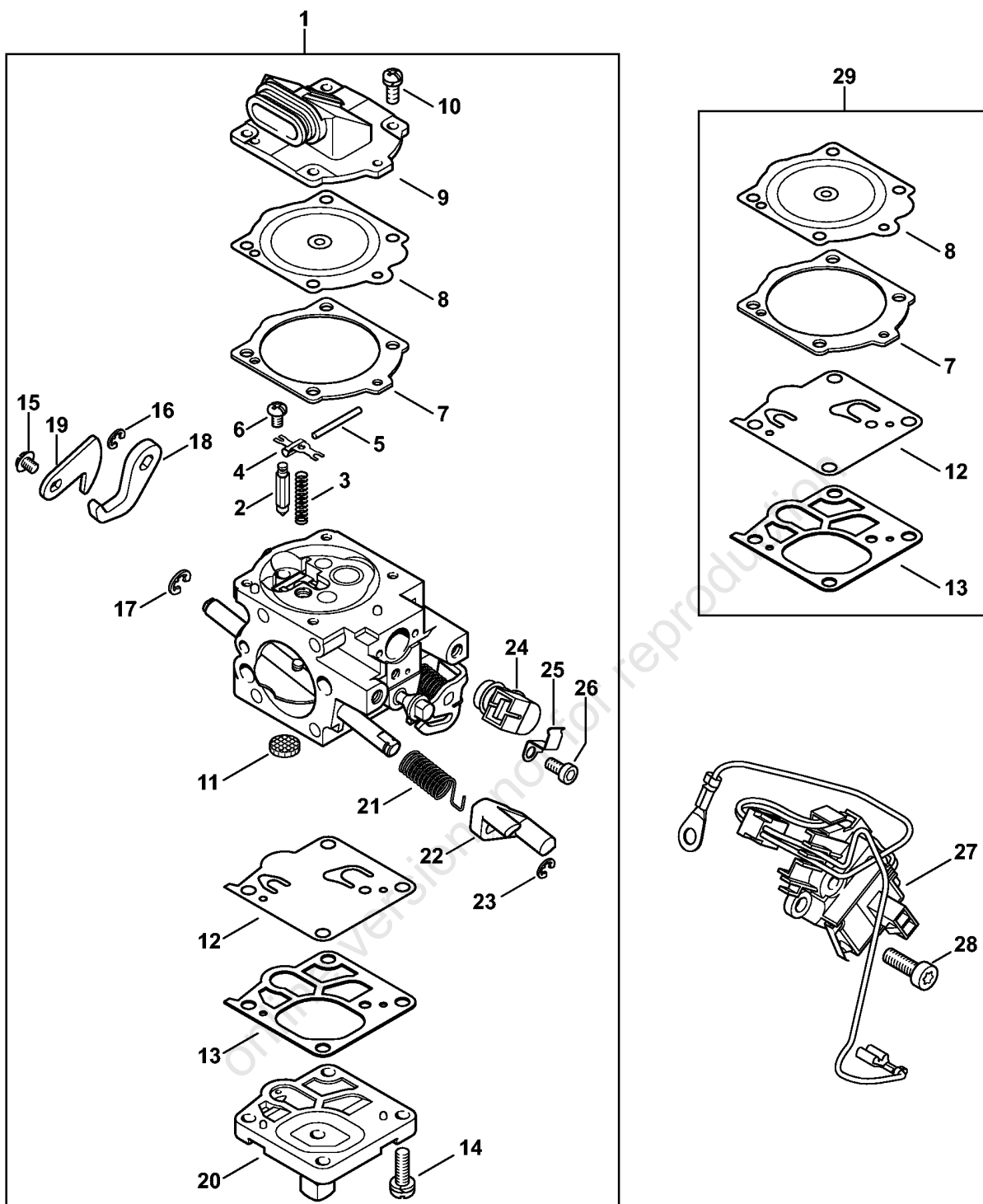
(1) MS 661, (2) MS 661 C-M, (3) MS 661 C-M RVWZ Magnum, (4) MS 661 C-M RZ Magnum, (5) MS 661 C-M W, (6) MS 661 C-M Z Magnum, (7) MS 661 Magnum, (8) MS 661-RZ Magnum, (9) MS 661-Z Magnum



1144-GET-0033-A0

Carburetor WJ-135

Reference	Item number	Qty	Description	Contains	Technical Information
1	* 1144 120 0600	1	Carburetor WJ-135B (1,7)	3 - 27	
2	*	1	Carburetor WJ-135 (C) (1,7)	3 - 24, 27 - 29	32.2013
3	* 1110 121 5100	1	Inlet needle (1,7)		
4	* 1117 122 3005	1	Spring (1,7)		
5	* 1117 121 5000	1	Inlet control lever (1,7)		
6	* 1117 121 9200	1	Spindle (1,7)		
7	* 1114 122 7400	1	Round head screw (1,7)		
8	* 1116 129 0900	1	Gasket (1,7)		
9	* 1144 121 4700	1	Metering diaphragm (1,7)		
10	* 1144 121 0801	1	End cover (1,7)		
11	* 1121 122 7101	4	Screw (1,7)		
12	* 1114 121 7800	1	Strainer (1,7)		
13	* 1115 121 4800	1	Pump diaphragm (1,7)		
14	* 1115 129 1100	1	Gasket (1,7)		
15	* 1144 122 7100	4	Screw (1,7)		
16	* 1121 122 7102	1	Round head screw (1,7)		
17	* 1123 122 9000	1	E-clip (1,7)		
18	* 1117 122 9000	1	E-clip (1,7)		
19	* 1144 121 3500	1	Throttle lever (1,7)		
20	* 1144 121 6600	1	Lever (1,7)		
21	* 1144 121 0800	1	End cover (1,7)		
22	* 1144 122 6200	1	Idle speed screw (1,7)		
23	* 1122 121 7700	1	Clamp (1,7)		
24	* 1122 122 6800	1	Low speed screw (1,7)		
25	* 1144 122 6700	1	High speed screw (1,7)		
26	* 1123 121 5601	1	Fixed jet 0.61 (1,7)		
27	* 4203 121 2700	2	Cap (1,7)		
28	* 1124 122 6705	1	High speed screw (1,7)		32.2013
29	* 1144 121 5600	1	Fixed jet 0.63 (1,7)		32.2013
30	* 1144 007 1700	1	Set of carburetor parts (B) (1,7)	8, 9, 13, 174	

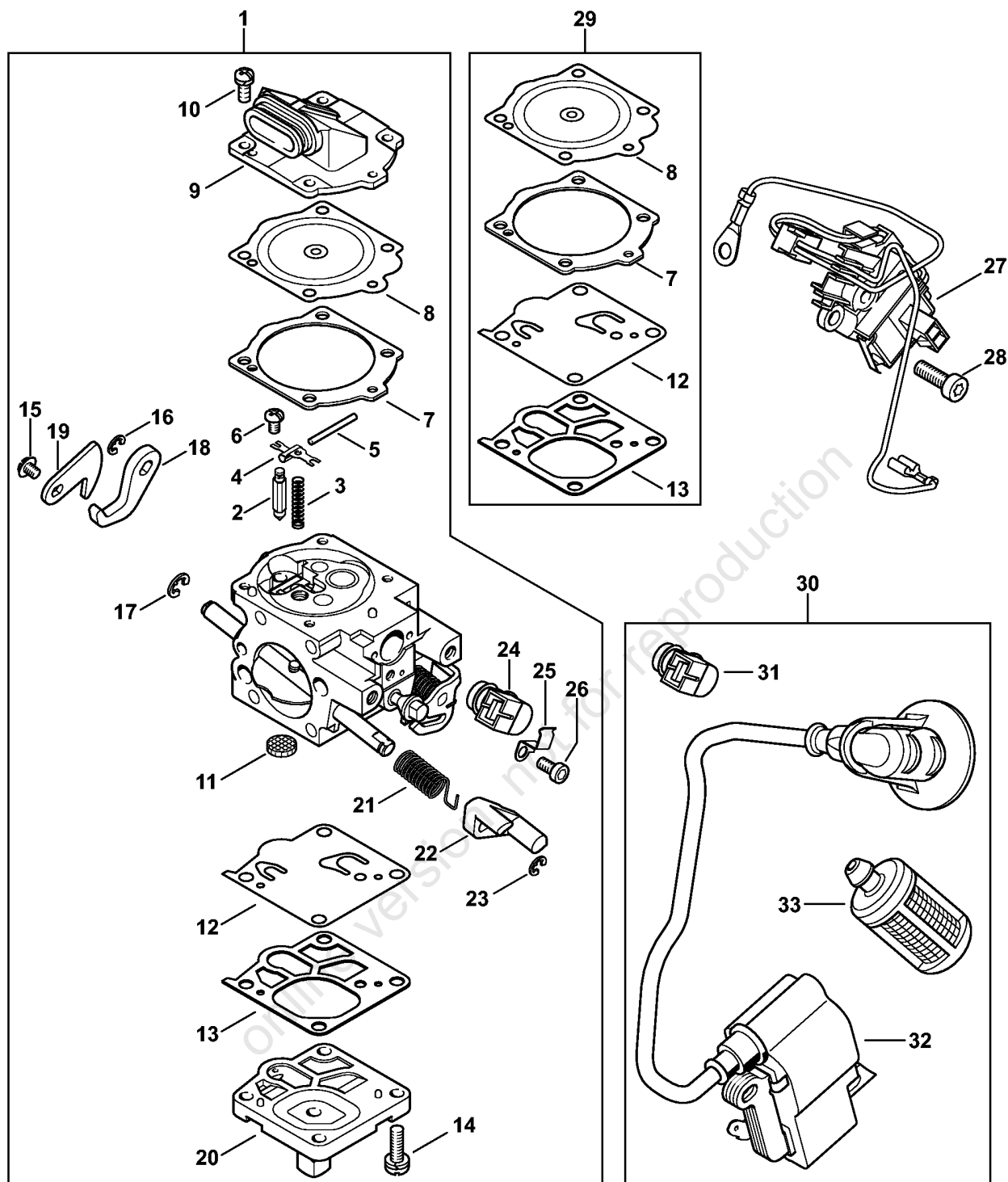


1144-GET-0022-A0

Carburetor WJ-140

Reference	Item number	Qty	Description	Contains	From Machine	Technical Information
1	1144 120 0612	1	Carburetor WJ-140A (2,3,4,5,6)	2 - 26	184316256	89.2017
2	1110 121 5100	1	Inlet needle (2,3,4,5,6)			
3	1117 122 3005	1	Spring (2,3,4,5,6)			
4	1117 121 5000	1	Inlet control lever (2,3,4,5,6)			
5	1117 121 9200	1	Spindle (2,3,4,5,6)			
6	1114 122 7400	1	Round head screw (2,3,4,5,6)			
7	1116 129 0900	1	Gasket (2,3,4,5,6)			
8	1144 121 4700	1	Metering diaphragm (2,3,4,5,6)			
9	1144 121 0802	1	End cover (2,3,4,5,6)			
10	1121 122 7101	4	Screw (2,3,4,5,6)			
11	1114 121 7800	1	Strainer (2,3,4,5,6)			
12	1115 121 4800	1	Pump diaphragm (2,3,4,5,6)			
13	1115 129 1100	1	Gasket (2,3,4,5,6)			
14	1144 122 7100	4	Screw (2,3,4,5,6)			
15	1121 122 7102	1	Round head screw (2,3,4,5,6)			
16	1123 122 9000	1	E-clip (2,3,4,5,6)			
17	1117 122 9000	1	E-clip (2,3,4,5,6)			
18	1144 121 3501	1	Throttle lever (2,3,4,5,6)			
19	1144 121 6601	1	Lever (2,3,4,5,6)			
20	1144 121 0800	1	End cover (2,3,4,5,6)			
21	1144 122 3000	1	Spring (2,3,4,5,6)			
22	1144 121 6602	1	Lever (2,3,4,5,6)			
23	1123 122 9000	1	E-clip (2,3,4,5,6)			
24	0000 120 5104	1	Solenoid valve (2,3,4,5,6)			89.2017
25	0000 121 2300	1	Support (2,3,4,5,6)			
26	0000 122 7102	1	Screw (2,3,4,5,6)			
27	1144 430 1010	1	Trigger unit (2,3,4,5,6)			
28	9022 313 0658	2	Spline screw IS-M4x12 (2,3,4,5,6)			
29	1144 007 1700	1	Set of carburetor parts (B) (2,3,4,5,6)	7, 8, 12, 13		

(1) MS 661, (2) MS 661 C-M, (3) MS 661 C-M RVWZ Magnum, (4) MS 661 C-M RZ Magnum, (5) MS 661 C-M W, (6) MS 661 C-M Z Magnum, (7) MS 661 Magnum, (8) MS 661-RZ Magnum, (9) MS 661-Z Magnum



1144-GET-0069-A0

Carburetor WJ-134

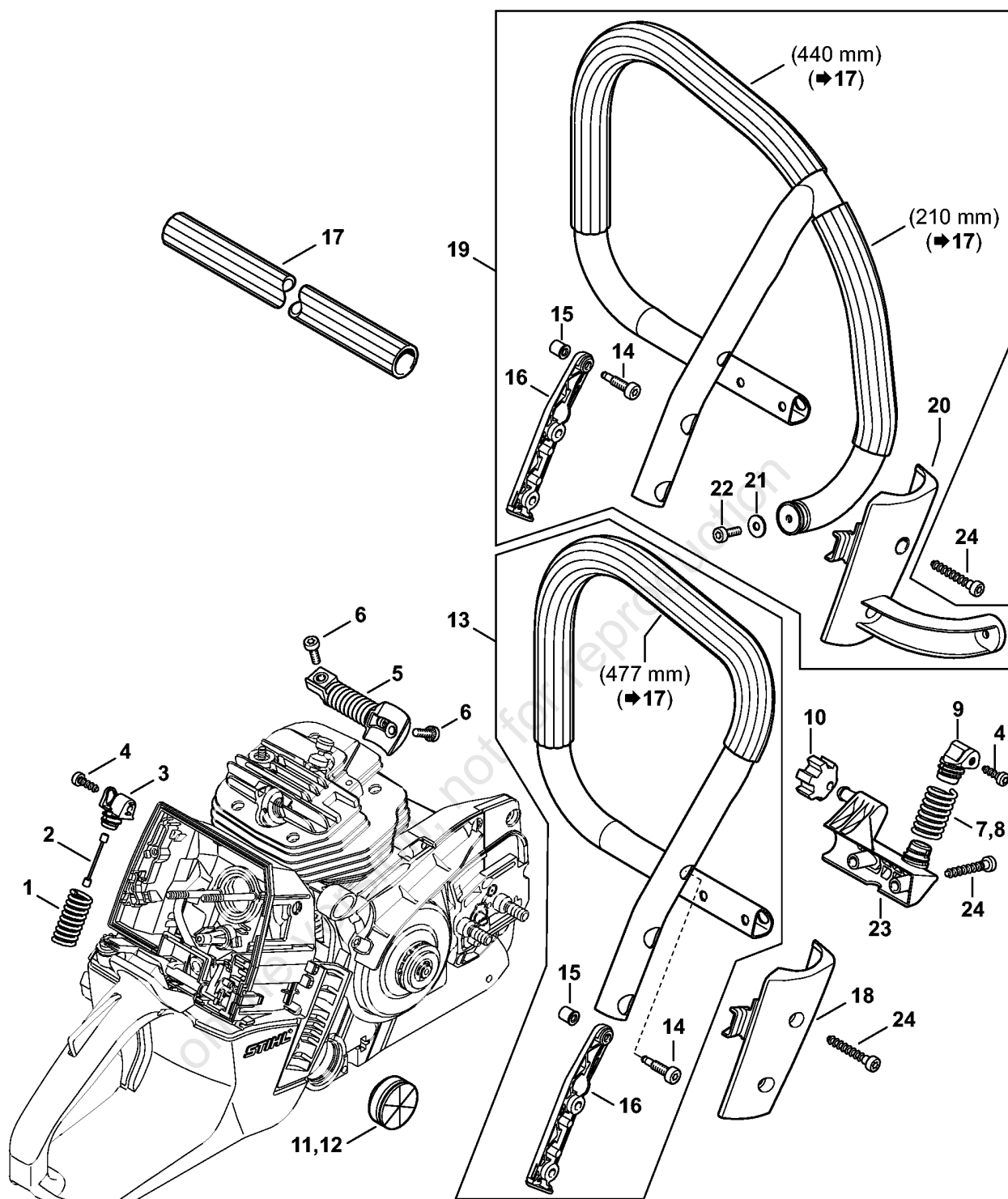
Reference	Item number	Qty	Description	Contains	Technical Information
1	* 1144 120 0610	1	Carburetor WJ-134A (2,3,4,5,6)	2 - 26	89.2017
2	* 1110 121 5100	1	Inlet needle (2,3,4,5,6)		
3	* 1117 122 3005	1	Spring (2,3,4,5,6)		
4	* 1117 121 5000	1	Inlet control lever (2,3,4,5,6)		
5	* 1117 121 9200	1	Spindle (2,3,4,5,6)		
6	* 1114 122 7400	1	Round head screw (2,3,4,5,6)		
7	* 1116 129 0900	1	Gasket (2,3,4,5,6)		
8	* 1144 121 4700	1	Metering diaphragm (2,3,4,5,6)		
9	* 1144 121 0802	1	End cover (2,3,4,5,6)		
10	* 1121 122 7101	4	Screw (2,3,4,5,6)		
11	* 1114 121 7800	1	Strainer (2,3,4,5,6)		
12	* 1115 121 4800	1	Pump diaphragm (2,3,4,5,6)		
13	* 1115 129 1100	1	Gasket (2,3,4,5,6)		
14	* 1144 122 7100	4	Screw (2,3,4,5,6)		
15	* 1121 122 7102	1	Round head screw (2,3,4,5,6)		
16	* 1123 122 9000	1	E-clip (2,3,4,5,6)		
17	* 1117 122 9000	1	E-clip (2,3,4,5,6)		
18	* 1144 121 3501	1	Throttle lever (2,3,4,5,6)		
19	* 1144 121 6601	1	Lever (2,3,4,5,6)		
20	* 1144 121 0800	1	End cover (2,3,4,5,6)		
21	* 1144 122 3000	1	Spring (2,3,4,5,6)		
22	* 1144 121 6602	1	Lever (2,3,4,5,6)		
23	* 1123 122 9000	1	E-clip (2,3,4,5,6)		
24	* 0000 120 5111	1	Solenoid valve (2,3,4,5,6)		
25	* 0000 121 2300	1	Support (2,3,4,5,6)		
26	* 0000 122 7102	1	Screw (2,3,4,5,6)		
27	* 1144 430 1010	1	Trigger unit (2,3,4,5,6)		
28	* 9022 313 0658	2	Spline screw IS-M4x12 (2,3,4,5,6)		
29	* 1144 007 1700	1	Set of carburetor parts (B) (2,3,4,5,6)	7, 8, 12, 13	
30	* 1144 007 1801	1	Service kit M-Tronic (B) (2,3,4,5,6)	31 - 33	89.2017
31	* 0000 120 5104	1	Solenoid valve (B) (2,3,4,5,6)		89.2017
32	* 1144 400 4704	1	Control unit (B) (2,3,4,5,6)		89.2017

(1) MS 661, (2) MS 661 C-M, (3) MS 661 C-M RVWZ Magnum, (4) MS 661 C-M RZ Magnum, (5) MS 661 C-M W, (6) MS 661 C-M Z Magnum, (7) MS 661 Magnum, (8) MS 661-RZ Magnum, (9) MS 661-Z Magnum

Carburetor WJ-134

Reference		Item number	Qty	Description	Contains	Technical Information
33	*	0000 350 3518	1	Pickup body (B) (2,3,4,5,6)		89.2017

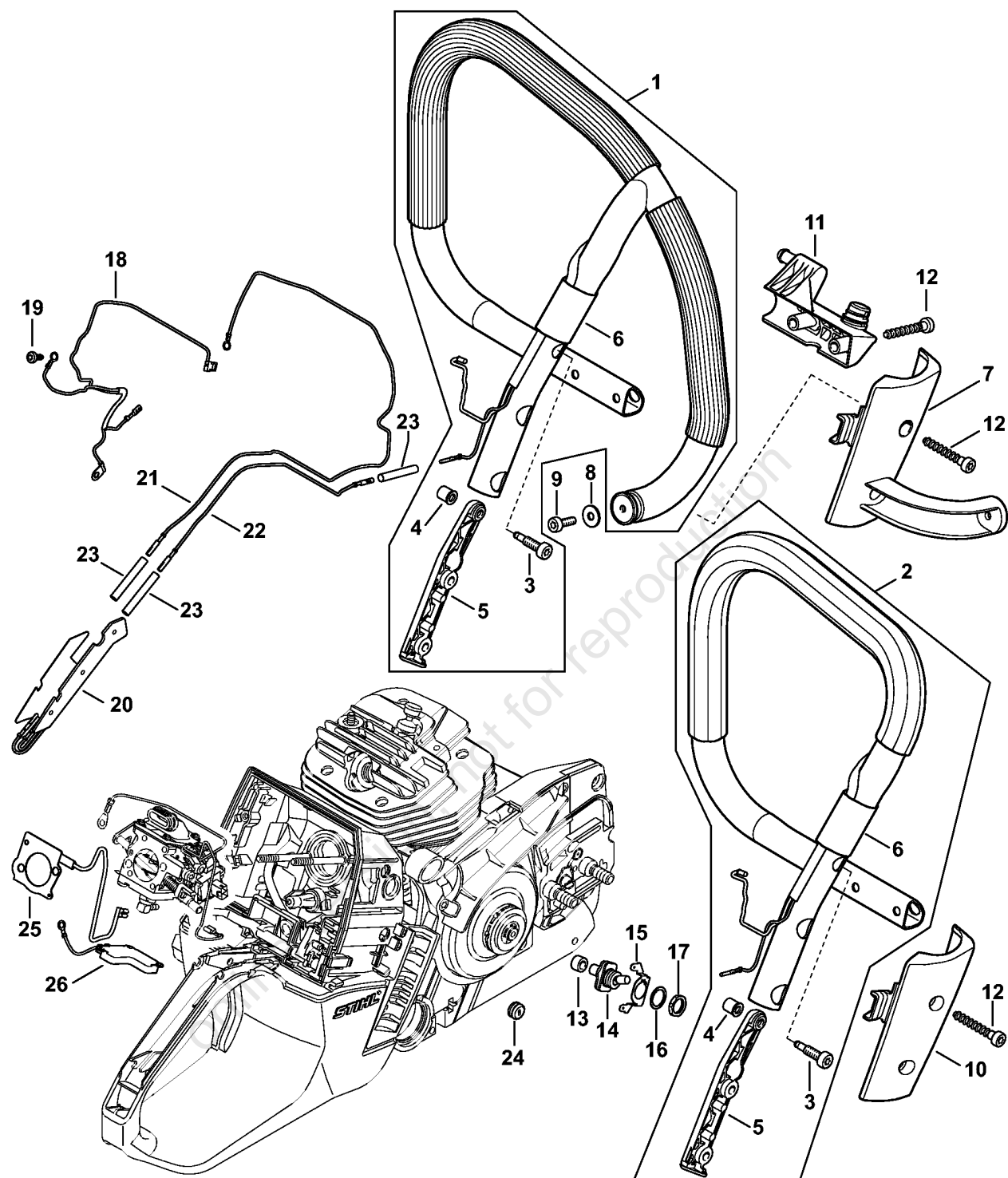
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1144-GET-0072-A0

AV system, Handlebar

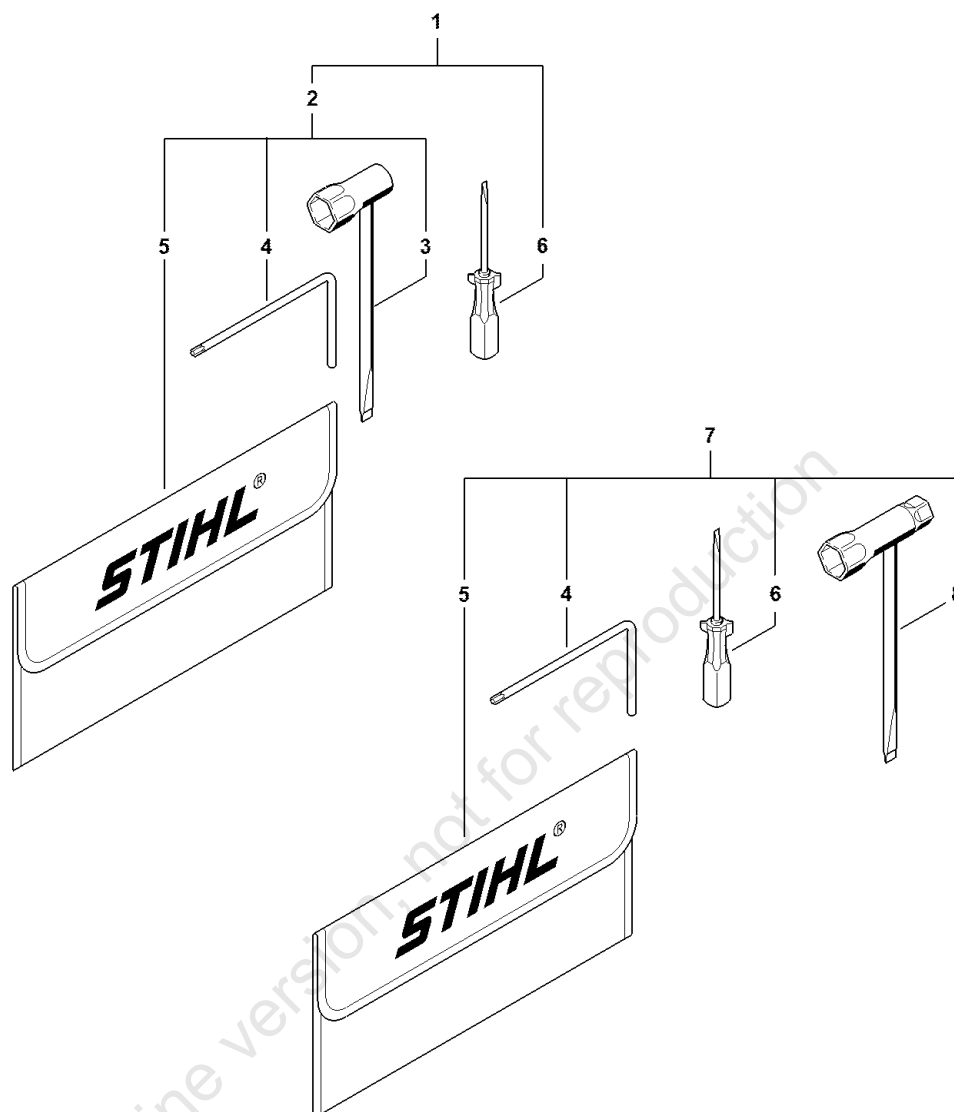
Reference	Item number	Qty	Description	Contains
1	1144 791 3100	1	Spring	
2	1144 790 8100	1	Retainer	
3	1144 792 2901	1	AV mount	
4	9074 477 4130	2	Pan head self-tapping screw IS-P5x16	
5	1144 790 8301	1	AV-Spring	
6	9022 341 0983	2	Spline screw IS-M5x16	
7	1144 791 3102	1	Spring (1,2,5)	
8	1144 791 3103	1	Spring (1,3,4,6,7,8,9)	
9	1144 792 2906	1	AV mount	
10	1135 791 2800	1	Annular buffer	
11	1138 791 5903	1	Stop buffer (1,2,5)	
12	1140 791 5901	1	Stop buffer (1,3,4,6,7,8,9)	
13	1144 790 1702	1	Handlebar (1,2,6,7,9)	14 - 16
14	1141 791 6100	1	Collar screw (1,2,4,6,7,8,9)	
15	0000 791 7904	1	Bushing (1,2,4,6,7,8,9)	
16	1144 791 5100	1	Handlebar stiffener (1,2,4,6,7,8,9)	
17	0000 791 2009	1	Handle hose Ø 19 mm x 5 m / 3/4x197" (B) (1,2,4,6,7,8,9)	
18	1144 791 7500	1	Cover (1,2,6,7,9)	
19	1144 790 3702	1	Wrap around handle (4,8)	14 - 16, 20 - 22
20	1144 791 5500	1	Elbow connector (4,8)	
21	9307 021 0120	1	Washer 5.3 (4,8)	
22	9022 341 0980	1	Spline screw IS-M5x16 (4,8)	
23	1144 791 1900	1	Handlebar support	
24	9074 478 4705	4	Pan head self-tapping screw IS-P6x40	



1144-GET-0036-A0

Heating

Reference	Item number	Qty	Description	Contains
1	1144 790 3721	1	Wrap around handle (3)	3 - 6
2	1144 790 1721	1	Handlebar (5)	3 - 6
3	1141 791 6100	1	Collar screw (3,5)	
4	0000 791 7904	1	Bushing (3,5)	
5	1144 791 5100	1	Handlebar stiffener (3,5)	
6	0000 937 4048	1	Hose (3,5)	
7	1144 791 5500	1	Elbow connector (3)	
8	9307 021 0120	1	Washer 5.3 (3)	
9	9022 341 0980	1	Spline screw IS-M5x16 (3)	
10	1144 791 7500	1	Cover (5)	
11	1144 791 1900	1	Handlebar support (3,5)	
12	9074 478 4705	4	Pan head self-tapping screw IS-P6x40 (3,5)	
13	1138 448 1202	1	Lead retainer (3,5)	
14	1138 430 0502	1	Switch (3,5)	
15	1144 431 2700	1	Twin connector tag (3,5)	
16	0000 958 1511	1	Washer (3,5)	
17	1128 432 2200	1	Hexagon nut (3,5)	
18	1144 440 3022	1	Wiring harness (3,5)	
19	9074 478 2970	1	Pan head self-tapping screw IS-P4x10 (3,5)	
20	1140 430 6003	1	Heating element (3,5)	
21	1144 440 1920	1	Lead (3,5)	
22	1144 440 1921	1	Lead (3,5)	
23	1121 442 0402	3	Insulating hose 35 mm / 1.4" (3,5)	
24	0000 989 0808	1	Grommet (3,5)	
25	1144 434 5100	1	Heating element (3)	
26	1144 430 0600	1	Switch (3)	

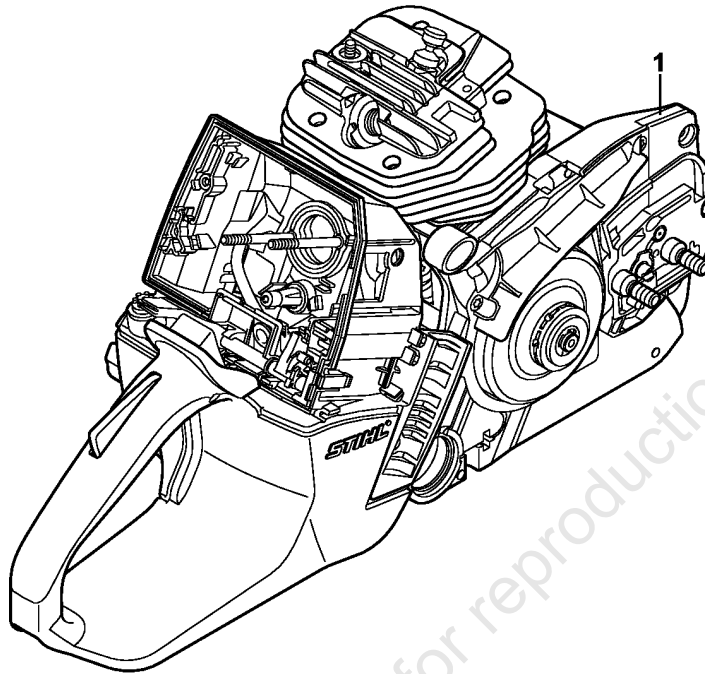


1144 GET 0034 J40

Tools, Extras

Reference	Item number	Qty	Description	Contains
1	1144 890 1400	1	Tool kit (1,7,8,9)	3 - 6
2	1144 890 1401	1	Tool kit (2,3,4,5,6)	3 - 5
3	1119 890 3405	1	Combination wrench (1,2,3,4,5,6,7,8,9)	
4	0812 370 1000	1	Screwdriver T27x120x70	
5	0000 891 0810	1	Tool roll	
6	0000 890 2300	1	Screwdriver (2,3,4,5,6)	
7	1121 890 1400	1	Tool kit BR (1)	4 - 6, 8
8	1129 890 3401	1	Combination wrench BR (1)	

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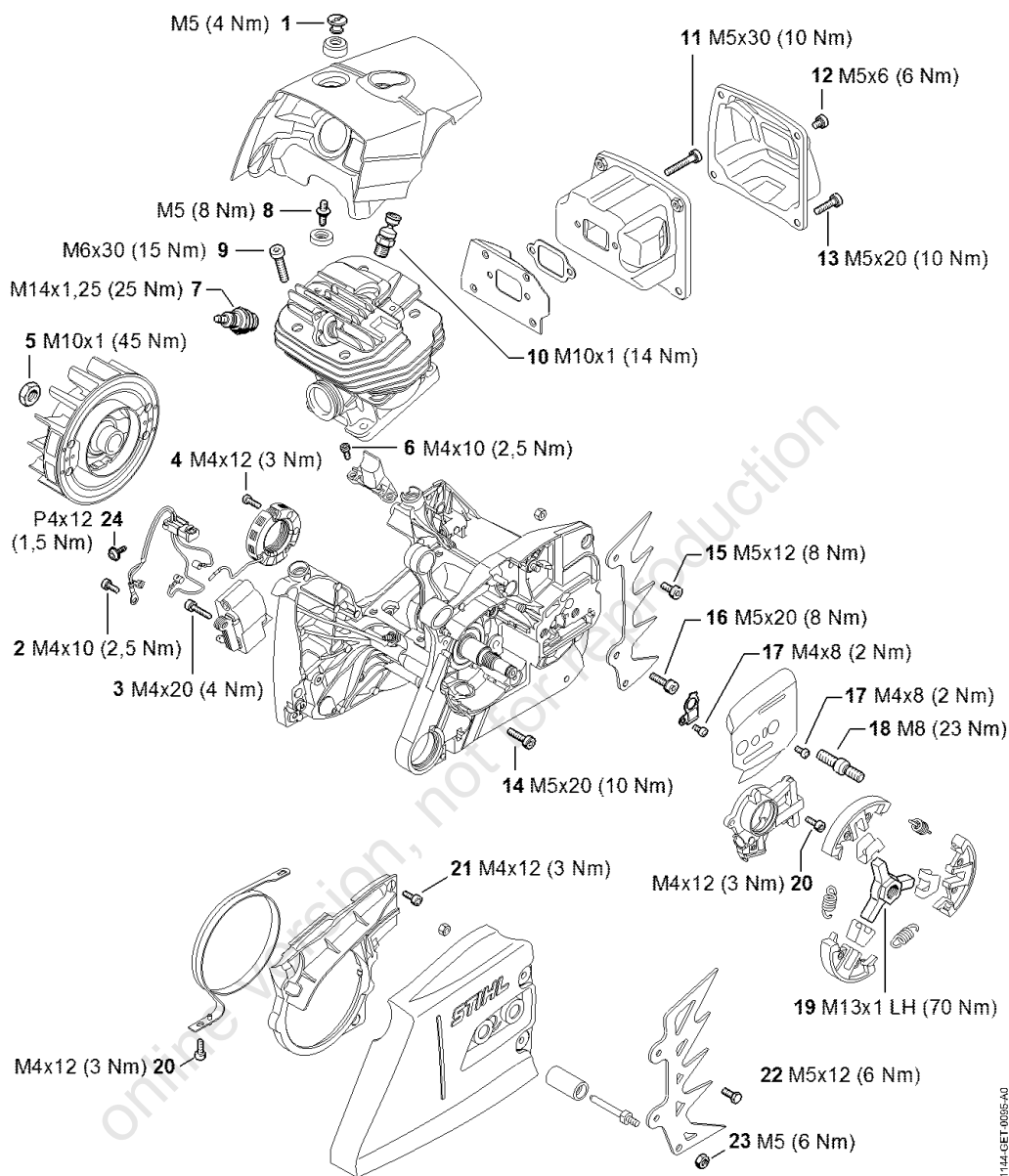


1166ET015 SC

Serial number

Reference	Qty	Description
1	1	Position of serial number (D)

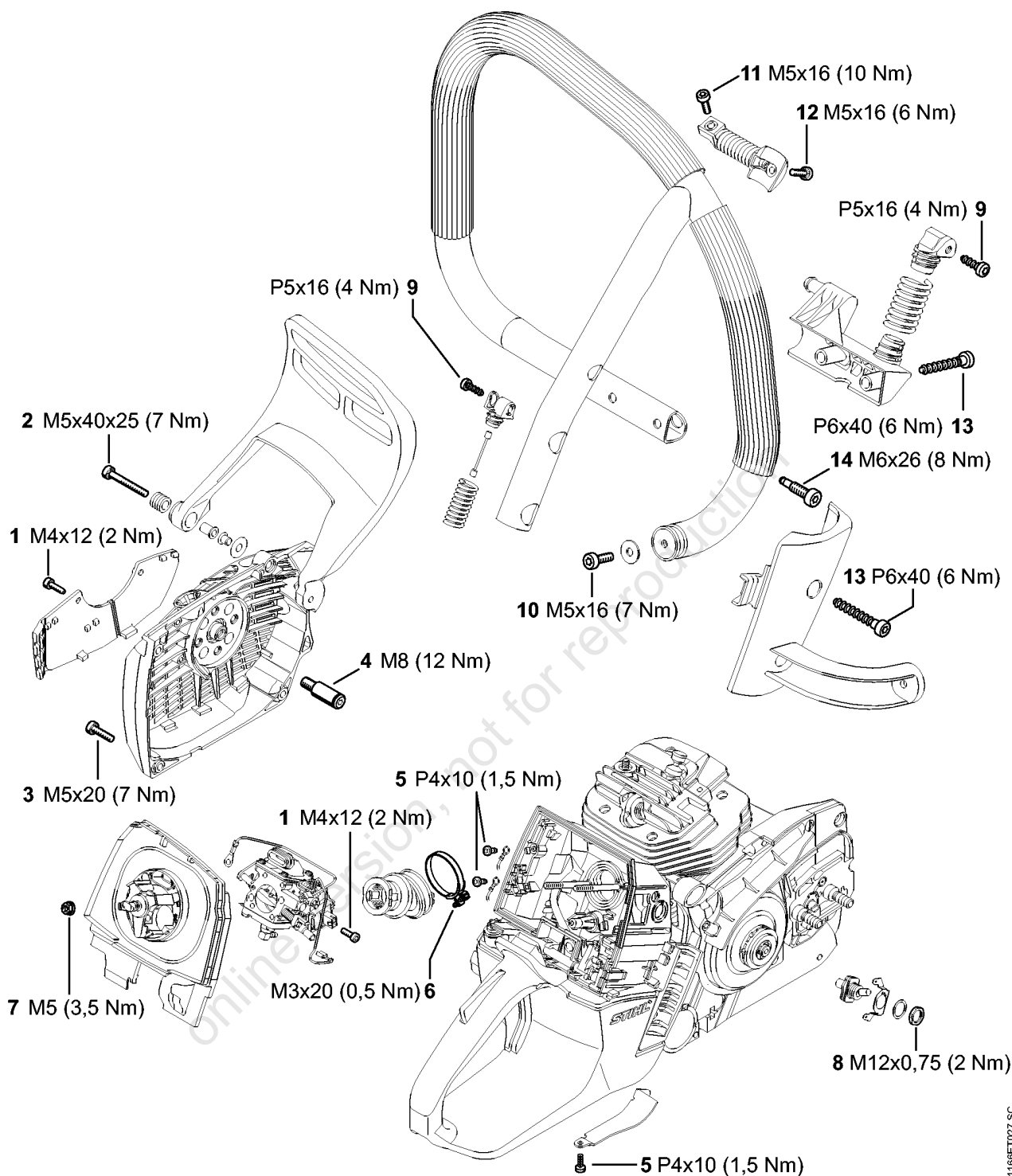
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T1144-GET-0005-A0

Tightening torques

Reference	Item number	Qty	Description
1	0000 084 7000	1	Slotted nut
2	9022 341 0650	1	Spline screw IS-M4x10 Micro-encapsulated with binding thread
3	9022 341 0710	2	Spline screw IS-M4x20 micro-encapsulated
4	9022 313 0658	2	Spline screw IS-M4x12 micro-encapsulated (3,5)
5	9211 260 1340	1	Hexagon nut M10x1
6	9022 313 0651	2	Spline screw IS-M4x10 micro-encapsulated
7	0000 400 7000	1	Spark plug NGK BPMR7A
8	0000 953 0810	1	Stud M5
9	9022 341 1370	4	Spline screw IS-M6x30 Binding thread
10	1124 020 9401	1	Decompression valve
11	9022 373 1070	2	Spline screw IS-M5x30 High strength threadlocking adhesive
12	9022 341 0911	2	Spline screw IS-M5x6 Micro-encapsulated with binding thread
13	9022 399 1020	2	Spline screw IS-M5x20 Micro-encapsulated with binding thread
14	9022 371 1020	6	Spline screw IS-M5x20 Binding thread
15	9022 341 0960	1	Spline screw IS-M5x12 Binding thread
16	9022 341 1019	1	Spline screw IS-M5x20 micro-encapsulated
17	9022 313 0633	2	Spline screw IS-M4x8 Binding thread
18	0000 664 2417	2	Collar screw M Medium-high strength threadlocking adhesive
19	1144 160 2001	1	Clutch
20	9022 346 0658	3	Spline screw IS-M4x12 Micro-encapsulated with binding thread
21	9022 313 0660	3	Spline screw IS-M4x12 Binding thread
22	9008 345 0960	2	Hexagon head screw M5x12
23	9214 320 0700	1	Lock nut M5
24	9104 003 3002	1	Self-tapping screw IS-P4x12 (1,7,8,9)



Tightening torques

Reference	Item number	Qty	Description
1	9022 313 0658	4	Spline screw IS-M4x12 micro-encapsulated
2	9022 341 1090	1	Spline screw IS-M5x40 Binding thread
3	9022 371 1020	3	Spline screw IS-M5x20 Binding thread
4	1122 084 6502	1	Axle micro-encapsulated
5	9074 478 2970	3	Pan head self-tapping screw IS-P4x10
6	9771 021 2620	1	Hose clip Ø 36x5
7	9216 261 0700	2	Hexagon nut M5
8	1128 432 2200	1	Hexagon nut (3,5)
9	9074 477 4130	2	Pan head self-tapping screw IS-P5x16
10	9022 341 0980	1	Spline screw IS-M5x16 Binding thread (3,5)
11	9022 341 0983	1	Spline screw IS-M5x16 Micro-encapsulated with binding thread
12	9022 341 0983	1	Spline screw IS-M5x16 Micro-encapsulated with binding thread
13	9074 478 4705	4	Pan head self-tapping screw IS-P6x40
14	1141 791 6100	1	Collar screw