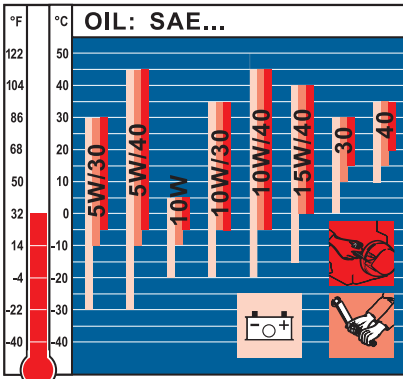
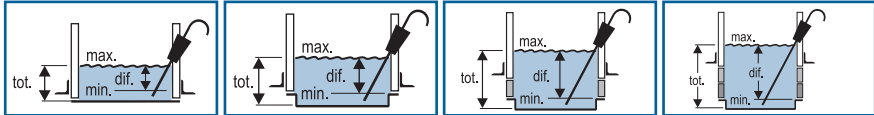




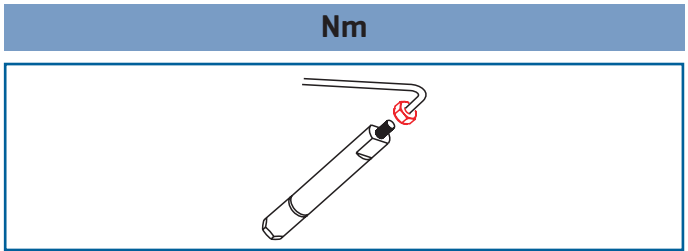
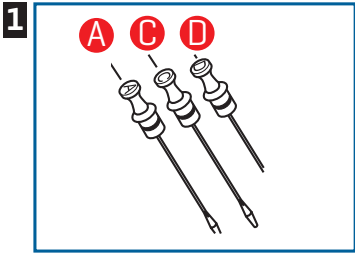
API: CF | CH-4
ACEA: B3 | E4

L/M43: ACEA E6 (recom. „Low Saps“)
ACEA E9
ACEA C3 | C4 (HTHS ≥ 3,5 mPas)
API CJ-4

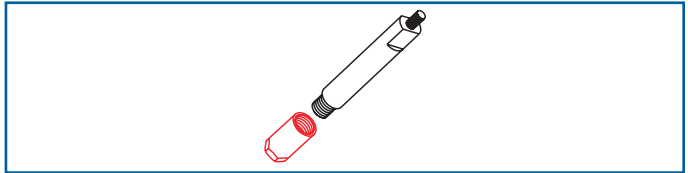


1 B 20 [V] 1 B 27 [V]
1 B 30 [V]
1 B 40 [V] 1 B 50 [V]
1 D 41 42
1 D 50
1 D 81 90
1 D 90 V
2 G 40
2 L M 41 S
2 L M 41 C Z
3 L M 41 S
3 L M 41 C Z
3 M 43 S
3 L M 43 C Z
4 L M 41 42 43 S
4 L M 41 42 43 C Z

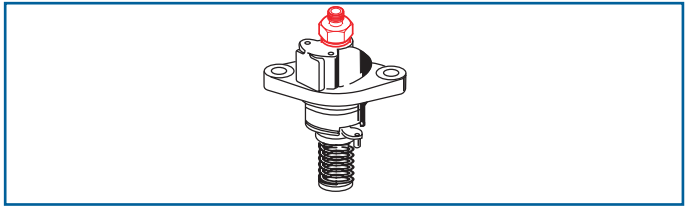
tot. /	diff. /	tot. /	diff. /	tot. /	diff. /	tot. /	diff. /
0.9	0.5	2.6	1.6	—	—	—	—
1.1	0.5	2.8	1.8	—	—	—	—
1.5	0.8	3.2	2.2	—	—	—	—
—	—	1.2	0.4	2.8	2.0	4.4	3.6
—	—	1.5	0.5	—	—	—	—
—	—	1.9	0.9	3.2	2.2	4.5	3.5
1.6	0.7	—	—	—	—	—	—
2.5	0.8	3.0	0.8	—	—	—	—
5.5 A	2.5	8.5 C	5.0	—	—	—	—
4.5 A	2.0	7.5 C	4.5	—	—	—	—
8.5 A	3.5	11.0 D	6.5	—	—	—	—
8.0 A	3.0	10.5 D	6.0	—	—	—	—
—	—	11.0 D	6.5				
—	—	10.5 D	6.0				
—	—	14.0 D	9.0	—	—	—	—
—	—	13.0 D	8.0	—	—	—	—



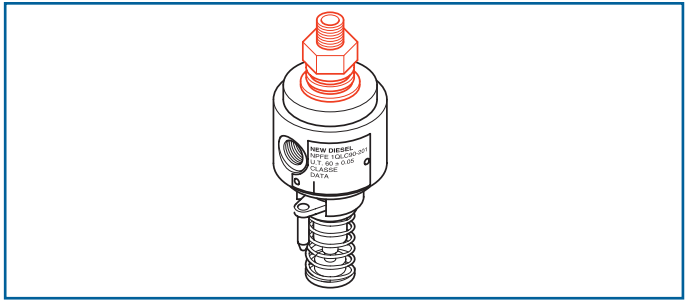
B | D | G 22 - 25



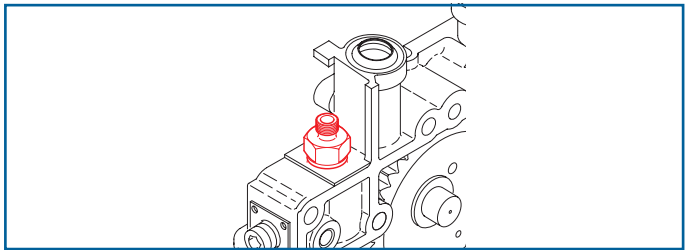
	8 5
1 B 20 27 30 40 50	30 - 35
1 D 41 42 50	50 - 60
1 D 81 90 L/M 41 42 43	60
2 G 40	60



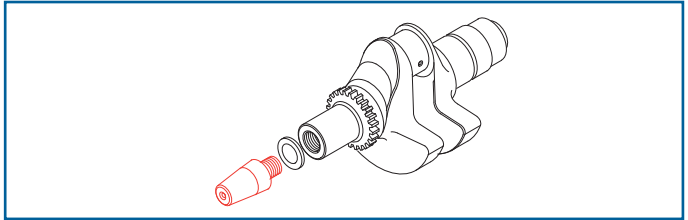
SW=19 mm	SW=22 mm
25	35



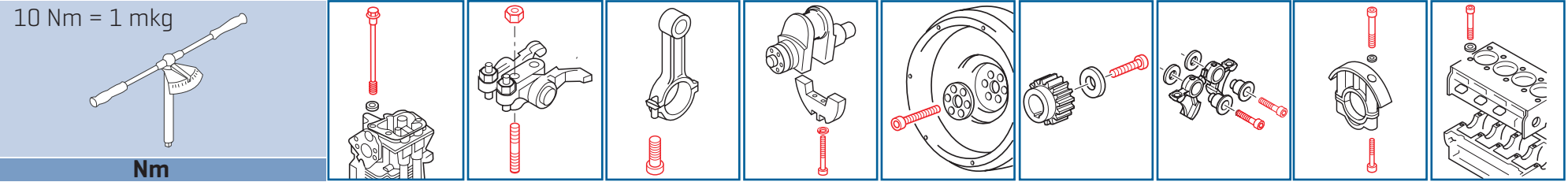
	SW=17 mm	SW=22 mm
1 D 41 42 50	60+5 - 0 - 40+5	
1 D 81 90	60+5 - 0 - 40+5	
L/M 41 42 43		60+5



1 B 20 | 27 | 30 | 40 | 50 23 - 0 - 23 - 0 - 25

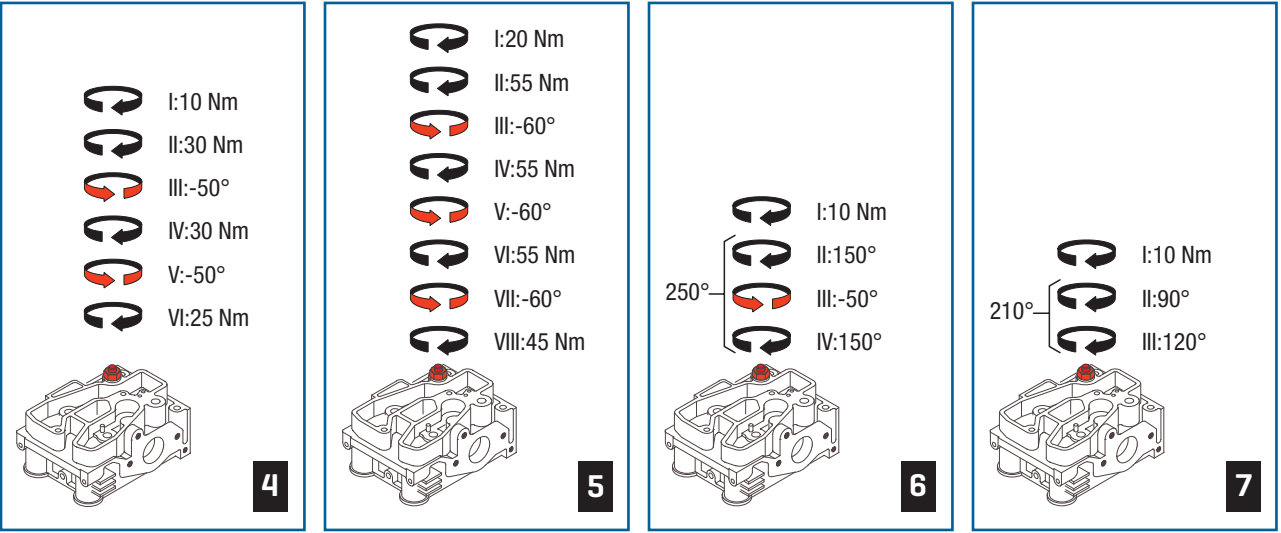


1 B 20 | 27 | 30 | 40 | 50 I 80 ⇨ II 150



1 B 20 1 B 20 V	25	4	—	22	—	350 + 20	—	9.6	—	—
1 B 27 1 B 27 V	10+ < 210°	7	—	22	—	350 + 20	—	9.6	—	—
1 B 30 1 B 30 V	45	5	—	31	—	350 + 20	—	9.6	—	—
1 B 40 1 B 40 V	45	5	—	42	—	40 + 2	—	9.6	—	—
1 B 50 1 B 50 V	10+ < 250°	6	—	42	—	40 + 2	—	9.6	—	—
1 D 41 42 50	50	—	40	40	68	—	11	—	—	—
1 D 81 90 V	80	—	85	75	M12[6x]:115 M14[5x]:190	—	11	—	—	—
2 G 40	55	23	40	—	I:30 II:280	—	—	—	—	10
2 3 4 L M 41 42 43	65	—	M10:60 M11:115	65	200	30	—	—	—	90

	8.8	10.9	12.9
M 4	2.8	3.9	4.7
M 5	5.5	7.8	9.3
M 6	9.5	13.0	16.0
M 8	23.0	33.0	39.0
M 10	46.0	65.0	78.0
M 12	80.0	110.0	140.0
M 14	130.0	180.0	220.0
M 16	190.0	270.0	330.0
M 18	270.0	380.0	450.0
M 20	380.0	530.0	640.0
M 22	510.0	720.0	860.0



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	Engine-No. / Serial-No.	bar	psi	bar	psi		Engine-No. / Serial-No.	bar	psi	bar	psi	
1 B 20	100 [10 - 22]	200+12	2900+175			1 D 41 S,Z,T,U,C	094 [10 - 17]	200+8	2900+110			
1 B 20V	111 [10 - 12]					1 D 41 S,Z,T,U,C	094 [18 - 20]	225+12	3250+175			
1 B 20	100 [23 - 29] 300 [28 - 29]	250+12	3600+175			1 D 41 S,Z,C	094 [21 - 22]			225+8	3250+110	
1 B 20V	111 [13 - 19] 301 [18 - 19]					1 D 42 S,Z,C	133 [10 - 11] 155 [10] 157 [10]			225+8	3250+110	
1 B 20	100 [30 - 34] 300 [30 - 31]			200+10	2900+145	1 D 50 S,Z,T,U	109 [10 - 15]	225+12	3250+175			
1 B 20V	111 [20 - 24] 301 [20 - 24]					1 D 50 S,Z	109 [16 - 20] 156 [10]			225+12	3250+175	
1 B 20 R	144 [10 - 13]			200+10	2900+145	1 D 81 S,Z,T,U,C	073 [10 - 19]	235+8	3400+110			
1 B 27	125 [10 - 14]			200+10	2900+145	1 D 81 S,Z,C	073 [20 - 23]	270+12	3870+175			
1 B 30	101 [10 - 16]	180+8	2600+110			1 D 81 S,Z,C	073 [24 - 27] 159.27 160.27 316 [27]			250+8	3600+110	
1 B 30	101 [17 - 24] 302 [24]	220+12	3170+175				1 D 90 S,Z	108 [10 - 14]	235+8	3400+110		
1 B 30V	112 [10 - 15] 303 [14 - 15]						1 D 90 V,W	113 [10]				
1 B 30	101 [25 - 29] 302 [25 - 26]			200+10	2900+145	1 D 90 S,Z	108 [15 - 17]	270+12	3875+175			
1 B 30V	112 [16 - 20] 303 [16 - 17]					1 D 90 V,W	113 [11 - 14]					
1 B 40	110 [10 - 13] 304 [12 - 13]	220+12	3170+175			1 D 90 S,Z	108 [18 - 20]			250+8	3600+110	
1 B 40V	117 [12 - 13] 305 [14]					1 D 90 V,W	113 [15 - 17]					
1 B 40	110 [14 - 19] 304 [14]			200+10	2900+145	2 G 40	091 [10 - 20]	250+12	3600+175			
1 B 40V	117 [14 - 19] 305 [14]					2 G 40	091 [23]				250+12	3600+175
1 B 50	124 [10 - 16] 306 [10 - 11]			200+10	2900+145	2 I 3 I 4 L I M 41	102 [10 - 12] 105 [10 - 12] 103 [10 - 12] 106 [10 - 12] 104 [10 - 12] 107 [10 - 12]	230+12	3300+175			
1 B 50V	126 [10 - 16] 307 [10 - 11]						102 [13 - 14]					

