



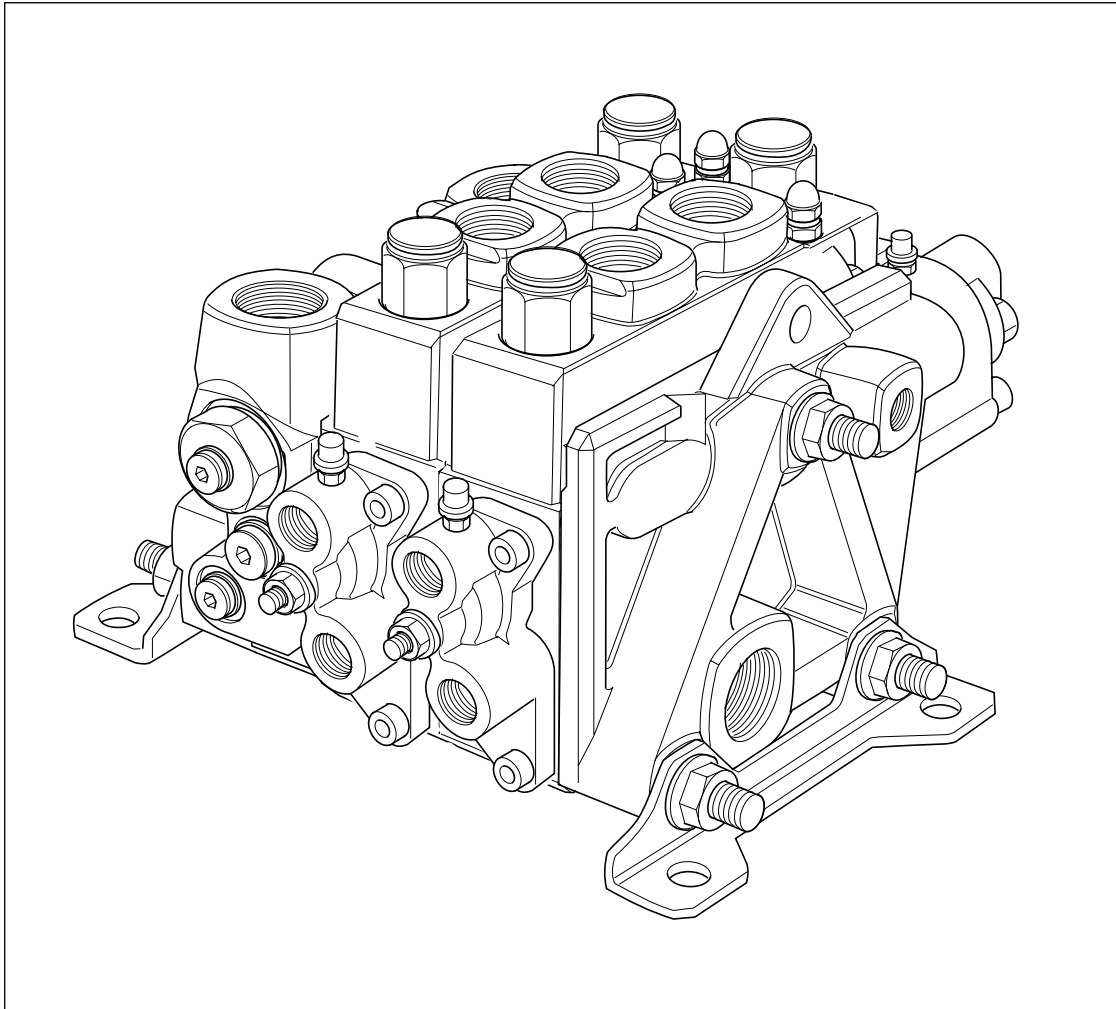
Bulletin HY17-8805-M1/UK

# Spare Parts List

## Series K170LS

Effective date: April 02, 2014  
Supersedes: April 09, 2013

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This list of spare parts is designed to give you a good idea of the components included in the product range for valves. To see precisely which component is used for a specific product, you will need to look at the customer specification for the product in question. The customer specification contains a number of entries, and for each entry, a code pressure or flow is specified with a code or a number. To help you find your way around, this list of spare parts contains references to these entries and codes.

Codes on the image page of the list of spare parts usually appear in bold and enclosed in a border. The table page contains available spare part sets. The ordering code is the product code that appears in the Part column.

The spare part to be used is determined by the first two columns, which contain the entry and the code from the customer specification. If these columns are empty, the spare part set is valid regardless of the selected code, unless indicated otherwise

The symbols in the frame below are used in this Spare Parts List to help you find the right tools, the right torques, suitable grease etc.















**A little technical index. Example.**

- 1 = Item pos. no. 1.
- 1(2x) = Item pos. no. 1 consists of 2 pieces in the kit.
- 1 [2] = Item pos. no. 2 already mounted on the item pos. no. 1 at delivery.
- 1 [2](2x) = Item pos. no. 1 (see above) consists of 2 pieces in the kit.

**Conversion factors**

- 1 kg = 2.2046 lb
- 1 N = 0.22481 lbf
- 1 Nm = 0.10197 kpm
- 1 bar = 14.504 psi
- 1 l = 0.21997 UK gallon
- 1 l = 0.26417 US gallon
- 1 cm<sup>3</sup> = 0.061024 in<sup>3</sup>
- 1 m = 3.2808 feet
- 1 mm = 0.03937 in
- 9/5 °C + 32 = °F

**Symbols for servicing**

-  = Phillips screw
-  = Slot screw
-  = Socket head dimensions in mm and/or inch
-  = Hexagon dimensions in mm and/or inch
-  = Sixpoint socket
-  = Wrench size in mm and/or inch or special assembly/disassembly tool needed. No...
-  = See appendix A
-  = Thread for disassembly type...
-  = Tightening torque in Nm
-  = Use locking/sealing fluid type...
-  = Use corrosion preventative type...
-  = Use hydraulic liquid for lubrication
-  = Use grease type...
-  = See appendix A



**WARNING – USER RESPONSIBILITY**

**FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.**

This document and other information from Parker-Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.

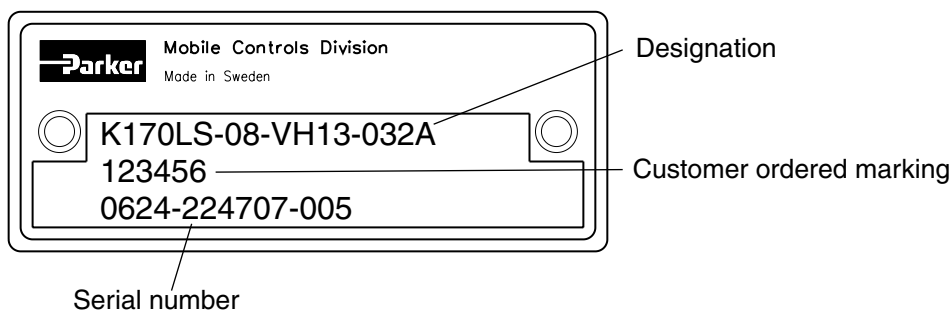
The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.

To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.

**Offer of Sale**

Please contact your Parker representation for a detailed "Offer of Sale".

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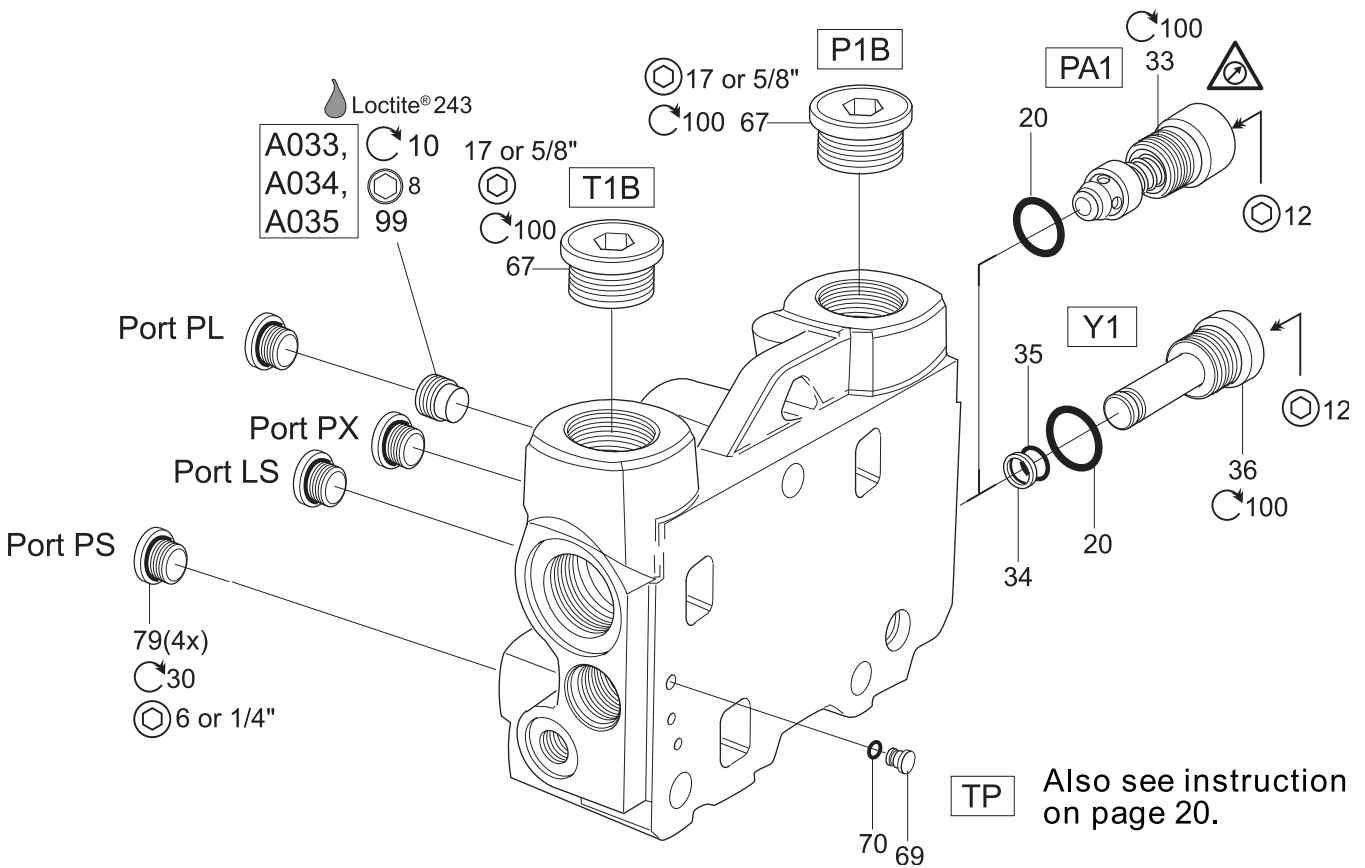
Valve serial numbers consist of three groups of digits  
 The first group shows year and week of manufacture:  
 In this example, 0624 means week 24 of 2006  
 The remaining digits are for internal use within Parker





















See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
35	13	9120092001	Pilot supply, 35 bar, Green (2)	35, 37, 40, 42 [41], 44, 45, 46, 47
35	13	9120092029	Pilot supply, 35 bar, Red (1)	35, 37, 40, 42 [41], 44, 45, 46, 47
45	13	9120092250	Pilot supply, 45 bar, Green (2)	37, 38, 40, 42 [41], 43, 44, 45, 46, 47
45	13	9120092251	Pilot supply, 45 bar, Red (1)	37, 38, 40, 42 [41], 43, 44, 45, 46, 47
35, 45	13	398000K061	Plug (O-ring) 1/2" BSP	42 [41]
35	13	9120092516	Conversion kit R45 to R35	35, 40
45	13	9120092517	Conversion kit R35 to R45	38, 40, 43
S	14	9120092004	Internal pilot filter	48, 49, 50, 51
S	14	-	Plug VST11/4EDCF	48
YS + G	14 + 04	393000K075	Connection plug BSP	52
YS + U	14 + 04	393000K076	Adapter and plug UNF	52, 53
YS + U	14 + 04	-	Nipple 6F4OMXS	53
MP/MP5 + G	24 + 04	6760231	Counter pressure valve, pilot op. BSP	57, 61, 62, 63, 64
MP/MP5 + U	24 + 04	6760237	Counter pressure valve, pilot op. UNF	57, 61, 62, 63, 64
MF + G	24 + 04	9120092010	Counter pressure valve, fact.set, BSP	56, 57, 58, 60, 61, 62
MF + U	24 + 04	9120092011	Counter pressure valve, fact.set, UNF	56, 57, 58, 60, 61, 62
A019 + G	24 + 04	9120092292	Counter pressure valve, fact.set, BSP	57, 58, 60, 61, 62
A019 + U	24 + 04	9120092291	Counter pressure valve, fact.set, UNF	57, 58, 60, 61, 62
MF, A019 + G	24 + 04	-	Plug VST11/4EDCF	60
MF, A019 + U	24 + 04	-	Plug 6HP5ON-S	60
T2B + G	24 + 04	-	Plug VST11EDCF	67
T2B + U	24 + 04	-	Plug 16HP5ON-S	67
LS	15	9120092041	Copy spool ø6 mm, LS system Red	1, 2, 3, 4 Kit for valves with serial # < 0623xxxxxxx
LS	15	9120092253	Copy spool ø6 mm, LS system Green	1, 2, 3, 4 Kit for valves with serial # < 0623xxxxxxx
LS3	15	9120092254	LS channel blocked (CP system)	3, 4, 5 Kit for valves with serial # < 0623xxxxxxx
KS/LS	20/15	393000K037	Copy spool ø8 mm, size G	31, 33 Kit for valves with serial # > 0623xxxxxxx
KS/LS	20/15	393000K437	Copy spool ø8 mm, size R	31, 33 Kit for valves with serial # > 0623xxxxxxx
KS/LS	20/15	-	Plug VST11/8EDCF	33 For valves with serial # > 0623xxxxxxx
"/"/ LS3 + G	20/15 + 04	-	Plug VST11/4EDCF	34 For valves with serial # > 0623xxxxxxx
"/"/ LS3 + U	20/15 + 04	-	Plug 6HP5ON-S	34 For valves with serial # > 0623xxxxxxx

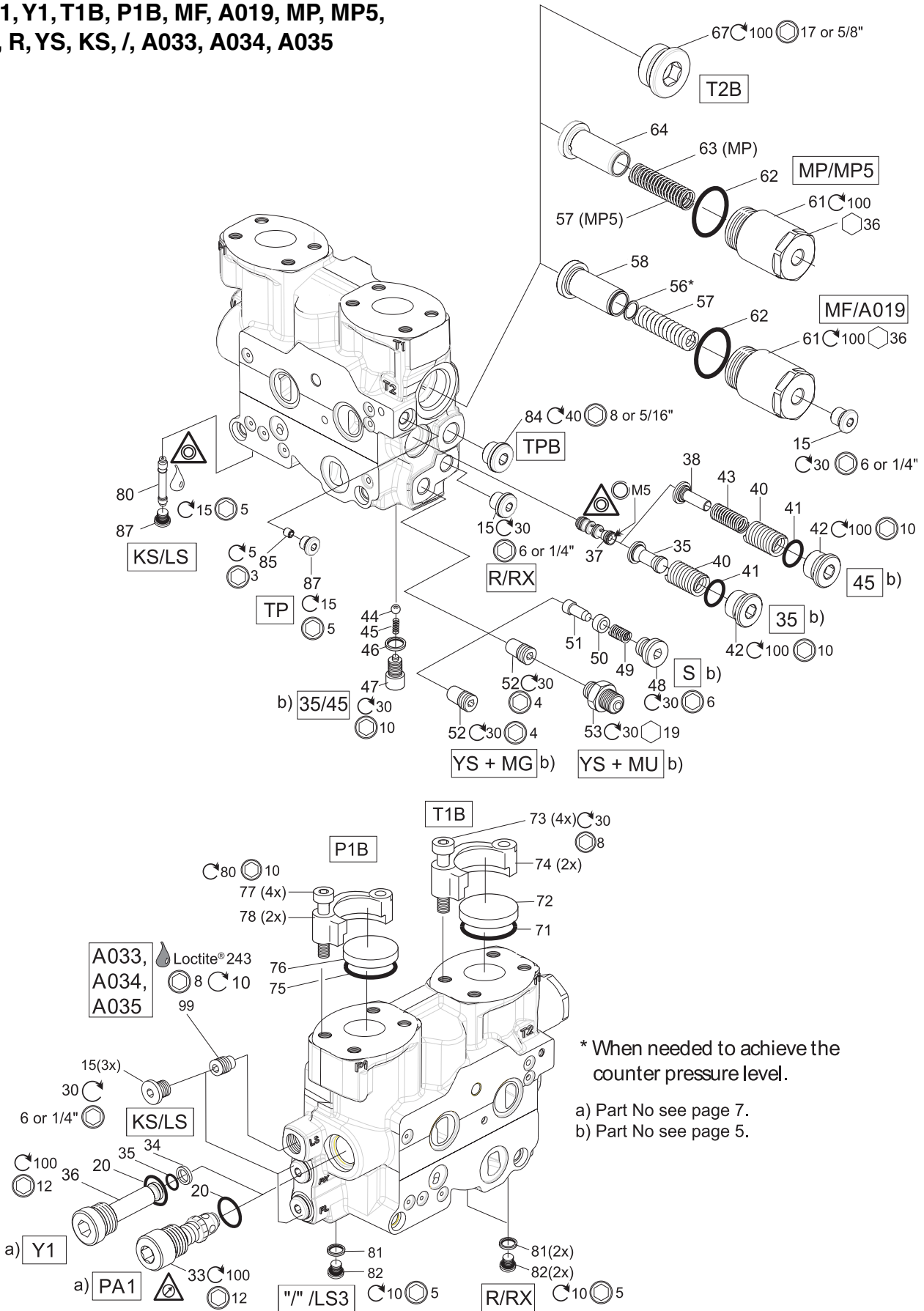
LS, LS3: See old Customer Specifications in Syber.

**PA1, Y1, T1B, P1B, PS, PL, PX, LS, A033, A034, A035**



See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
T1B + G	25 + 04	-	Plug VST11EDCF	67
T1B + U	25 + 04	-	Plug 16HP5ON-S	67
P1B + G	26 + 04	-	Plug VST11EDCF	67
P1B + U	26 + 04	-	Plug 16HP5ON-S	67
Port PL, PX, PS, LS + G	04	-	Plug VST11/4EDCF	79
Port PL, PX, PS, LS + U	04	-	Plug 6HP5ON-S	79
PA1 + 050	16 + 17	9120029251	Main relief valve, PLC182-050-20	33 [20] 
PA1 + 063	16 + 17	9120029252	Main relief valve, PLC182-063-20	33 [20] 
PA1 + 080	16 + 17	9120029253	Main relief valve, PLC182-080-20	33 [20] 
PA1 + 100	16 + 17	9120029254	Main relief valve, PLC182-100-20	33 [20] 
PA1 + 125	16 + 17	9120029255	Main relief valve, PLC182-125-20	33 [20] 
PA1 + 140	16 + 17	9120029256	Main relief valve, PLC182-140-20	33 [20] 
PA1 + 160	16 + 17	9120029257	Main relief valve, PLC182-160-20	33 [20] 
PA1 + 175	16 + 17	9120029258	Main relief valve, PLC182-175-20	33 [20] 
PA1 + 190	16 + 17	9120029259	Main relief valve, PLC182-190-20	33 [20] 
PA1 + 210	16 + 17	9120029260	Main relief valve, PLC182-210-20	33 [20] 
PA1 + 230	16 + 17	9120029261	Main relief valve, PLC182-230-20	33 [20] 
PA1 + 240	16 + 17	9120029272	Main relief valve, PLC182-240-20	33 [20] 
PA1 + 250	16 + 17	9120029262	Main relief valve, PLC182-250-20	33 [20] 
PA1 + 260	16 + 17	9120029273	Main relief valve, PLC182-260-20	33 [20] 
PA1 + 280	16 + 17	9120029263	Main relief valve, PLC182-280-20	33 [20] 
PA1 + 300	16 + 17	9120029264	Main relief valve, PLC182-300-20	33 [20] 
PA1 + 330	16 + 17	9120029265	Main relief valve, PLC182-330-20	33 [20] 
A013 + 350	16 + 17	9120029266	Main relief valve, PLC182-350-20	33 [20] 
PA1	16	6760193	O-ring, kit of 5 pcs	20(5x)
Y1	16	9120092014	Main relief cavity plugged, Y1	36 [20, 34, 35]
Y1	16	393000K804	Seal kit Y1	20, 34, 35
TP	40	9120092331	Pilot tank line plug	69, 70
A033 + G	29 + 04	6760561	Restrictor check valve A033, Ø0.4 mm	99
A034 + G	29 + 04	6760571	Restrictor check valve A034, Ø0.6 mm	99
A035 + G	29 + 04	6760562	Restrictor check valve A035, Ø0.8 mm	99

**PA1, Y1, T1B, P1B, MF, A019, MP, MP5,  
 TP, R, YS, KS, /, A033, A034, A035**



\* When needed to achieve the counter pressure level.

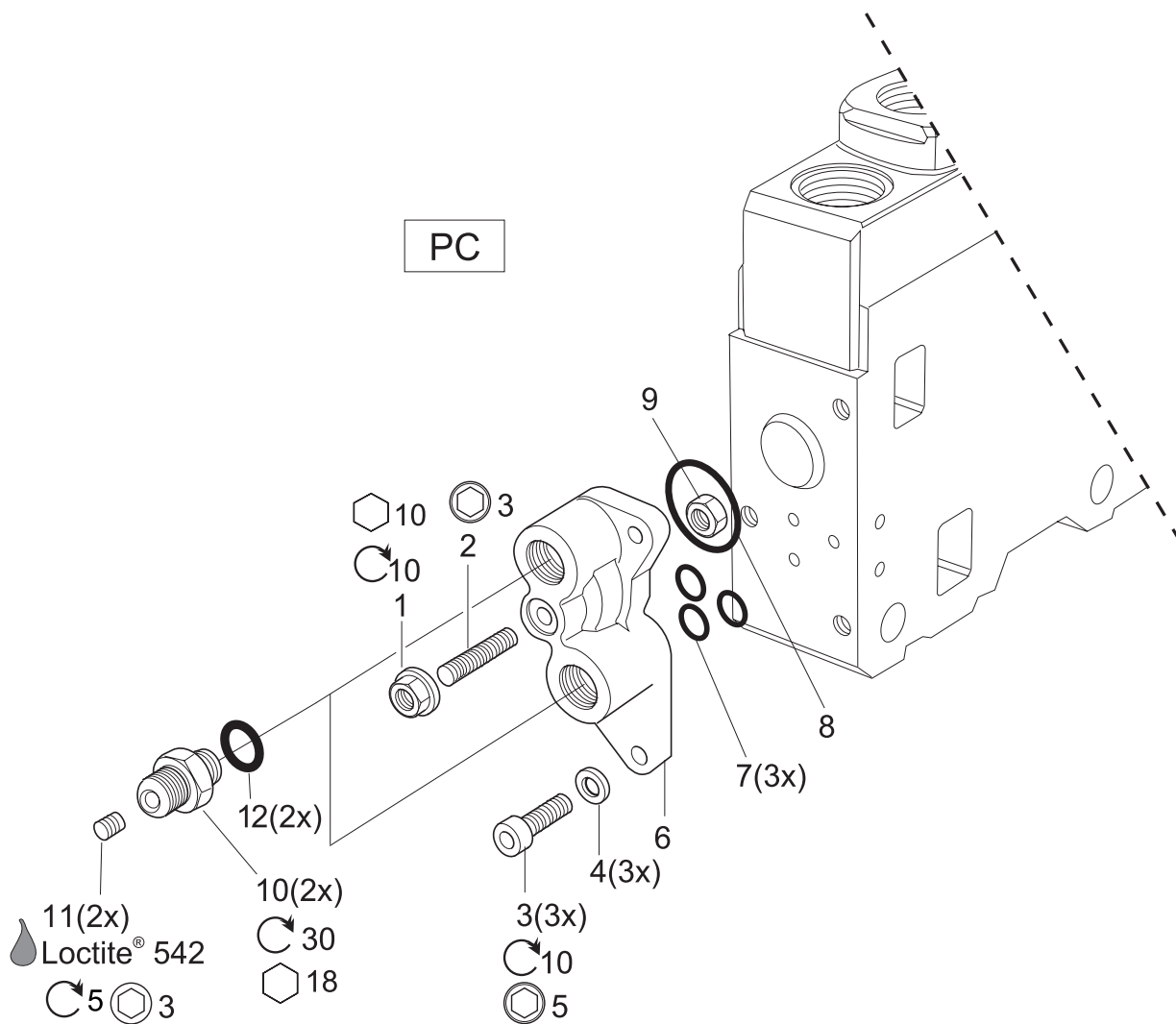
a) Part No see page 7.  
 b) Part No see page 5.

See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
PA1 + xxx	16 + 17	–	Main relief valve PLC182	33 [20] (Pls see page 6/7)
Y1	16	9120092014	Main relief cavity plugged, Y1	36 [20, 34, 35]
Y1	16	393000K804	Seal kit	20, 34, 35
T1B + MG/MU	25 + 04	9120092354	T1 connection plugged, M	71, 72, 73(4x), 74(2x)
P1B + MG/MU	26 + 04	9120092359	P1 connection plugged, M	75, 76, 77(4x), 78(2x)
T2B + MG	24 + 04	-	Plug VSTI1EDCF	67
T2B + MU	24 + 04	-	Plug 16HP5ON-S	67
MP/MP5 + MG	24 + 04	6760231	Counter pressure valve, pilot op. BSP	57, 61, 62, 63, 64
MP/MP5 + MU	24 + 04	6760237	Counter pressure valve, pilot op. UNF	57, 61, 62, 63, 64
MF + MG	24 + 04	9120092010	Counter pressure valve, fact. set BSP	15, 56, 57, 58, 61, 62
MF + MU	24 + 04	9120092011	Counter pressure valve, fact. set UNF	15, 56, 57, 58, 61, 62
A019 + MG	24 + 04	9120092292	Counter pressure valve, fact. set BSP	15, 57, 58, 61, 62
A019 + MU	24 + 04	9120092291	Counter pressure valve, fact. set UNF	15, 57, 58, 61, 62
MF, A019 + MG	24 + 04	-	Plug VSTI1/4EDCF	15
MF, A019 + MU	24 + 04	-	Plug 6HP5ON-S	15
TP	28	9120092555	Connection separate pilot tank	85, 87
TPB + MG	28 + 04	-	Plug VSTI3/8EDCF	84
TPB + MU	28 + 04	-	Plug 8HP5ON-S	84
KS/LS + LS2C/CL*	20 + 15	393000K037	Copy spool, size G	80, 87
KS/LS + LS2C/CL*	20 + 15	393000K437	Copy spool, size R	80, 87
KS/LS + LS2C/CL* + MG/MU	20+15+04	-	Plug VSTI1/8EDCF	87
"/LS3 + LS2C/CL* + MG/MU	20+15+04	6760222	Plug kit (Set of 5)	81(5x), 82(5x)
"/LS3, KS/LS + MG	20 + 04	-	Plug VSTI1/4EDCF	15
"/LS3, KS/LS + MU	20 + 04	-	Plug 6HP5ON-S	15
R/RX + MG	12 + 04	-	Plug VSTI1/4EDCF	15
R/RX + MU	12 + 04	-	Plug 6HP5ON-S	15
R/RX	12	6760222	Plug kit (Set of 5)	81(5x), 82(5x)
A033 + MG/MU	29 + 04	6760561	Restrictor check valve A033, Ø0.4 mm	99
A034 + MG/MU	29 + 04	6760571	Restrictor check valve A034, Ø0.6 mm	99
A035 + MG/MU	29 + 04	6760562	Restrictor check valve A035, Ø0.8 mm	99

CL\*, LS, LS3: See old Customer Specifications in Syber.

**PC**

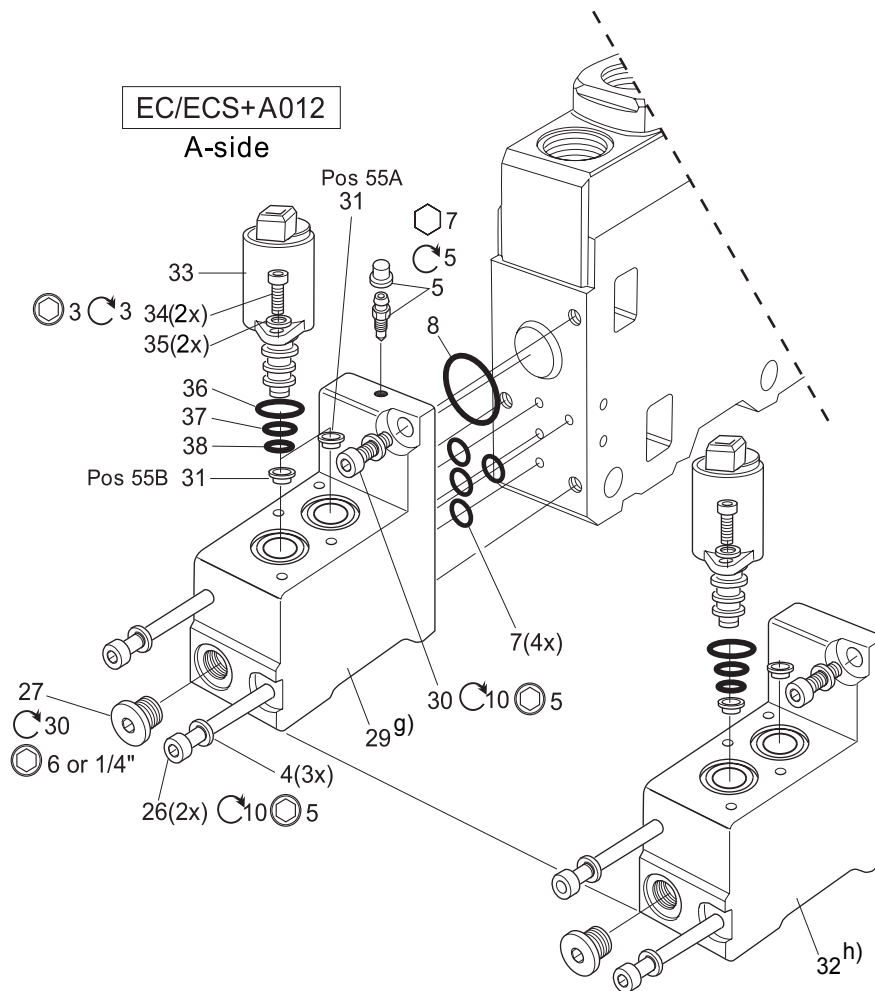
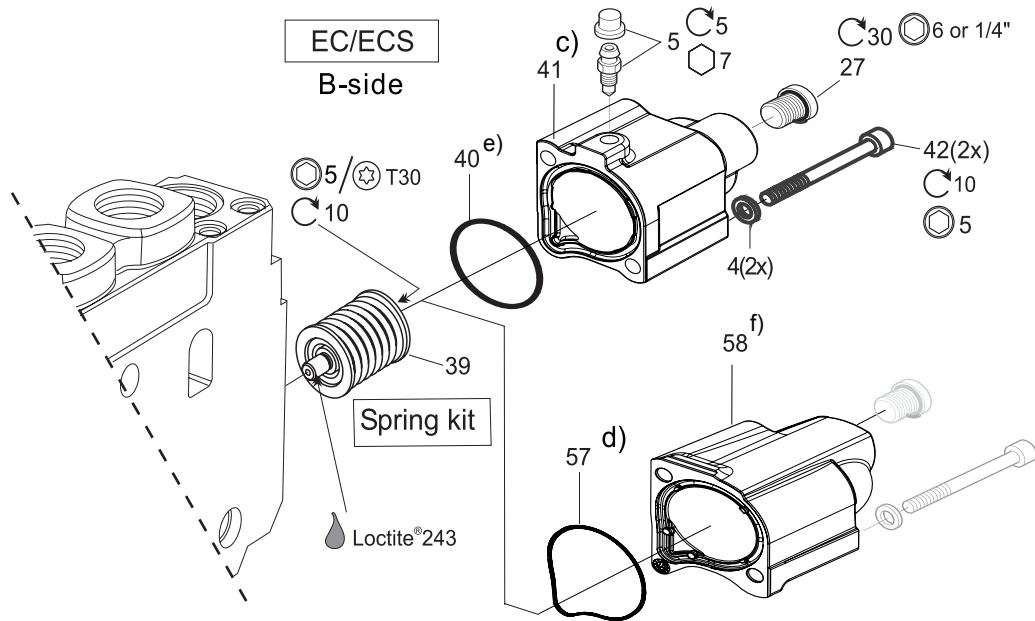
**A- side. From serial no 1204..., for old version see appendix D.**



See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
PC + G	50 + 04	9120092018	Cap kit PC, A-side, BSP	3(3x), 4(3x), 6,7(3x), 8, 31 [1, 2, 9]
PC + U	50 + 04	9120092019	Cap kit PC, A-side, UNF	3(3x), 4(3x), 6, 7(3x), 8, 31 [1, 2, 9]
PC + G/U	50 + 04	9120092038	Seal kit PC, A-side	1, 5, 7(3x), 8, 12(2x)
PC	50	9120092285	Air bleeding kit	5(2x)

Code	Pos	Part BSP	Part UNF	Description, Damper ø in mm	Remarks / Items
PC + 0,6	50 + 55A/55B	9120092308	9120092328	Ø0.6	10, 11, 12
PC + 0,8	50 + 55A/55B	9120092301	9120092321	Ø0.8	10, 11, 12
PC + 0,9	50 + 55A/55B	9120092309	9120092329	Ø0.9	10, 11, 12
PC + 1,0	50 + 55A/55B	9120092302	9120092322	Ø1.0	10, 11, 12
PC + 1,1	50 + 55A/55B	9120092310	9120092330	Ø1.1	10, 11, 12
PC + 1,2	50 + 55A/55B	9120092303	9120092323	Ø1.2	10, 11, 12
PC + 1,3	50 + 55A/55B	9120092306	9120092326	Ø1.3	10, 11, 12
PC + 1,4	50 + 55A/55B	9120092304	9120092324	Ø1.4	10, 11, 12
PC + 1,5	50 + 55A/55B	9120092307	9120092327	Ø1.5	10, 11, 12
PC + 1,6	50 + 55A/55B	9120092305	9120092325	Ø1.6	10, 11, 12

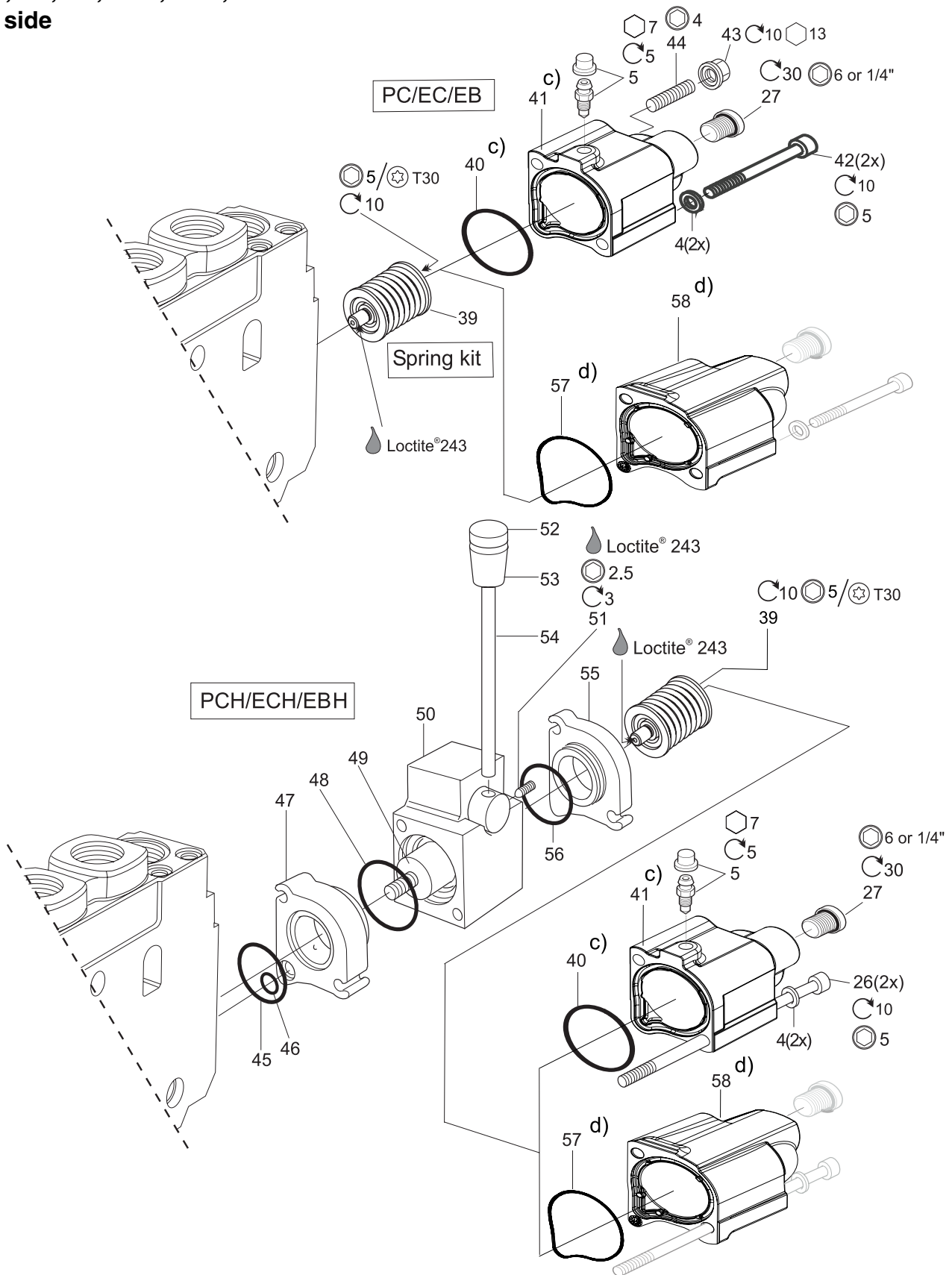
**EC/ECS + A012**



See Customer Specification					
Code	Pos	Part	Description	Remarks / Items	
EC/ECS + A012 + G	50+59+04	6760554	Cap kit EC, B-side, BSP	4(2x), 27, 42(2x), 57, 58	
EC/ECS + A012 + U	50+59+04	6760556	Cap kit EC, B-side, UNF	4(2x), 27, 42(2x), 57, 58	
EC/ECS + A012 + G	50+59+04	9120092369	Cap kit EC A012, A-side, BSP	4(3x), 7(4x), 8, 26(2x), 27, 30, 32, 34(4x), 35(4x)	
EC/ECS + A012 + U	50+59+04	9120092370	Cap kit EC A012, A-side, UNF	4(3x), 7(4x), 8, 26(2x), 27, 30, 32, 34(4x), 35(4x)	
EC/ECS + A012 + G	50+59+04	6760776	Seal kit A012, A-side, BSP	5, 7(4x), 8, 27	
EC/ECS + A012 + U	50+59+04	6760616	Seal kit A012, A-side, UNF	5, 7(4x), 8, 27	
EC/ECS + A012 + G	50+59+04	6760816	Seal kit A012, B-side, BSP	5, 27, 40, 57	
EC/ECS + A012 + U	50+59+04	6760817	Seal kit A012, B-side, UNF	5, 27, 40, 57	
EC + A012 + 12 + A	50+59+05 +56A/B	393000M012	PVC25, 12 VDC for A012	Air bleed, can be manually operated, AMP 31, 33 [36, 37, 38], 34(2x)	
EC + A012 + 24 + A	50+59+05 +56A/B	393000M024	PVC25, 24 VDC for A012	Air bleed, can be manually operated, AMP 31, 33 [36, 37, 38], 34(2x)	
ECS + A012 + 12 + A	50+59+05 +56A/B	393000N012	PVC25, 12 VDC for A012	No air bleed, no manual. op. AMP 31, 33 [36, 37, 38], 34(2x)	
ECS + A012 + 24 + A	50+59+05 +56A/B	393000N024	PVC25, 24 VDC for A012	No air bleed, no manual. op. AMP 31, 33 [36, 37, 38], 34(2x)	
ECS + A012 + 12 + D	50+59+05 +56A/B	393000D012	PVC25, 12 VDC for A012	31, 33 [36, 37, 38], 34(2x) No air bleed, no manual op. Deutsch	
ECS + A012 + 24 + D	50+59+05 +56A/B	393000D024	PVC25, 24 VDC for A012	31, 33 [36, 37, 38], 34(2x) No air bleed, no manual op. Deutsch	
EC/ECS + A012 + A/D	50+59+56	393000K813	Seal kit PVC25	36, 37, 38 (Kit for 1 solenoid valve)	
A012 + 2,0	59 + 55A/55B	6760090	Pilot orifice ø2.0, mark. 9 dots	31 (5x)	
A012 + 1,5		6760089	Pilot orifice ø1.5, mark. 8 dots	31 (5x)	
A012 + 1,4		6760088	Pilot orifice ø1.4, mark. 7 dots	31 (5x)	
A012 + 1,3		6760087	Pilot orifice ø1.3, mark. 6 dots	31 (5x)	
A012 + 1,2		6760086	Pilot orifice ø1.2, mark. 5 dots	31 (5x)	
A012 + 1,1		6760085	Pilot orifice ø1.1, mark. 4 dots	31 (5x)	
A012 + 1,0		6760084	Pilot orifice ø1.0, mark. 3 dots	31 (5x)	
A012 + 0,9		6760083	Pilot orifice ø0.9, mark. 10 dots	31 (5x)	
A012 + 0,8		6760082	Pilot orifice ø0.8, mark. 2 dots	31 (5x)	
A012 + 0,7		6760081	Pilot orifice ø0.7, mark. 12 dot	31 (5x)	
A012 + 0,6		6760080	Pilot orifice ø0.6, mark. 1 dots	31 (5x)	
A012 + 0,45		6760079	Pilot orifice ø0.45, mark. 11 dots	31 (5x)	
PC/EC/ECS		50	9120092015	Spring kit std, (6.5-20) bar	39
A306		59	9120091052	Spring kit A306, (6.5-26) bar	39
EC/ECS	50	9120092285	Air bleeding screw	5(2x)	
EC/ECS + G	50 + 04	-	Plug VST11/4EDCF	27	
EC/ECS + U	50 + 04	-	Plug 6HP5ON-S	27	

- e) For old spring cap, up to serial no. 1002...; f) For new spring cap, from serial no. 1003...  
g) For old EC cap, up to serial no. 1204...; h) For new EC cap, from serial no. 1205...

**PC, EC, EB, PCH, ECH, EBH**  
**B- side**

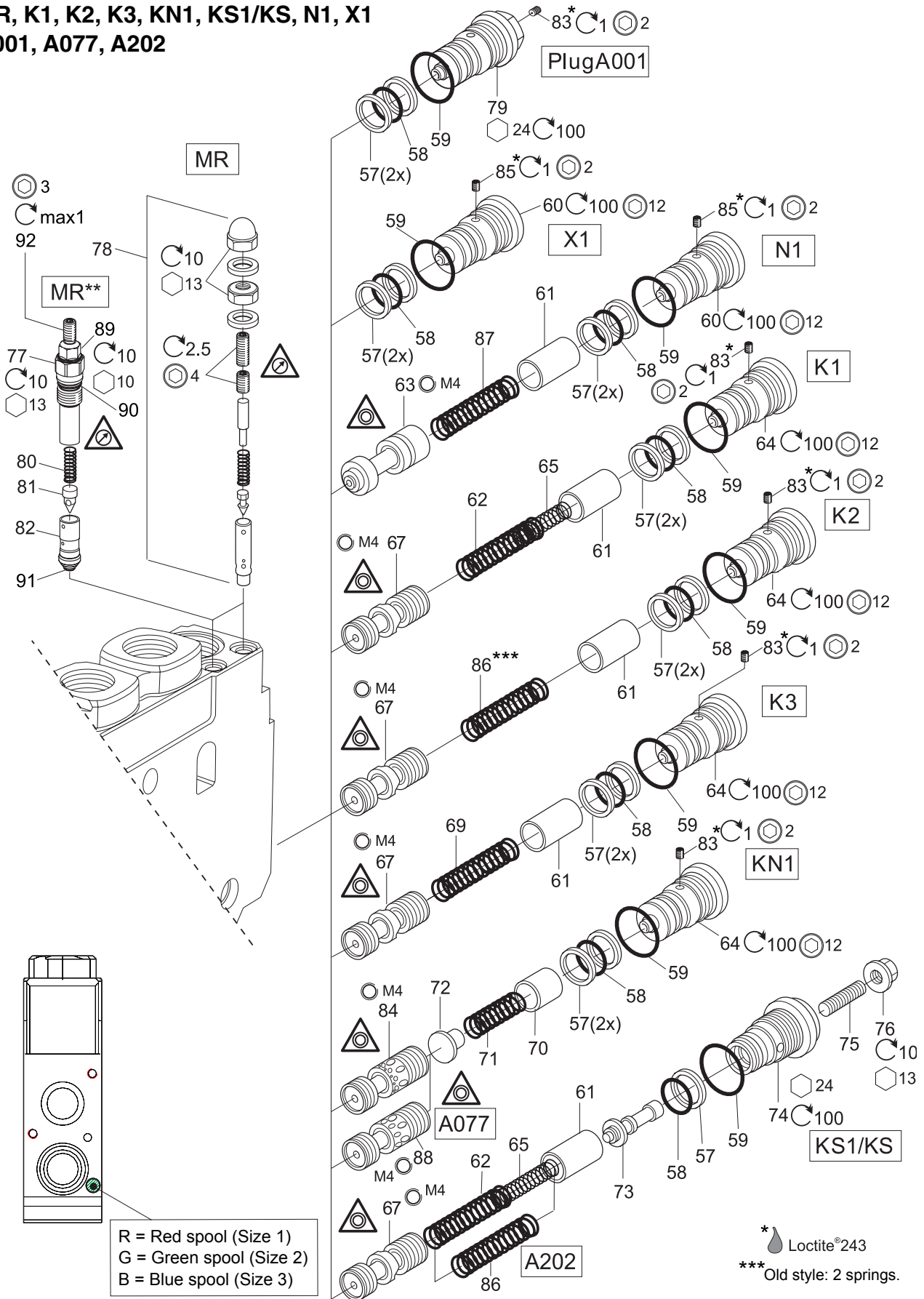


See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
PC, PCH + G	50 + 04	9120092016	Cap kit PC/PCH, B-side, BSP	4(2x), 42(2x), 57, 58 [27, 43, 44]
PC, PCH + U	50 + 04	9120092017	Cap kit PC/PCH, B-side, UNF	4(2x), 27, 42(2x), 57, 58 [43, 44]
EC, ECH, EB, EBH + G	50 + 04	6760554	**Cap kit EC, B-side, BSP	4(2x), 27, 42(2x), 57, 58
EC, ECH, EB, EBH + U	50 + 04	6760556	**Cap kit EC, B-side, UNF	4(2x), 27, 42(2x), 57, 58
PC, EC, EB + G	50 + 04	6760816	Seal kit PC/EC, B-side, BSP	5, 27, 40, 43, 57
PC, EC, EB + U	50 + 04	6760817	Seal kit PC/EC, B-side, UNF	5, 27, 40, 43, 57
PC, EC, EB	50	9120092285	Air bleeding screw	5(2x)
PC, EC, EB	50	9120092015	Spring kit std, (6.5-20) bar	39
A306	59	9120091052	Spring kit A306, (6.5-26) bar	39
PCH, ECH, EBH	50	9120092045	Lever housing kit	4(2x), 26(2x), 45, 46, 47, 48, 49, 50 51, 52, 53, 54, 55, 56
PCH, ECH, EBH	50	9120092540	Handle kit	51, 52, 53, 54
PCH, ECH, EBH	50	6760546	Handle window (set of 6)	52
PCH, ECH, EBH	50	6760950	Handle window with knob	52, 53
PCH, ECH, EBH	50	9120092046	Seal kit, lever housing	40, 45, 46, 48, 56, 57
PC*, EC*, EB* + G	50 + 04	-	Plug VST11/4EDCF	27
PC*, EC*, EB* + U	50 + 04	-	Plug 6HP5ON-S	27

\*\* No possibility for spool stroke limitation (EB\*, EC\* spool actuators).

**c)** For old spring cap, up to serial no. 1002...; **d)** For new spring cap, from serial no. 1003...

**MR, K1, K2, K3, KN1, KS1/KS, N1, X1**  
**A001, A077, A202**

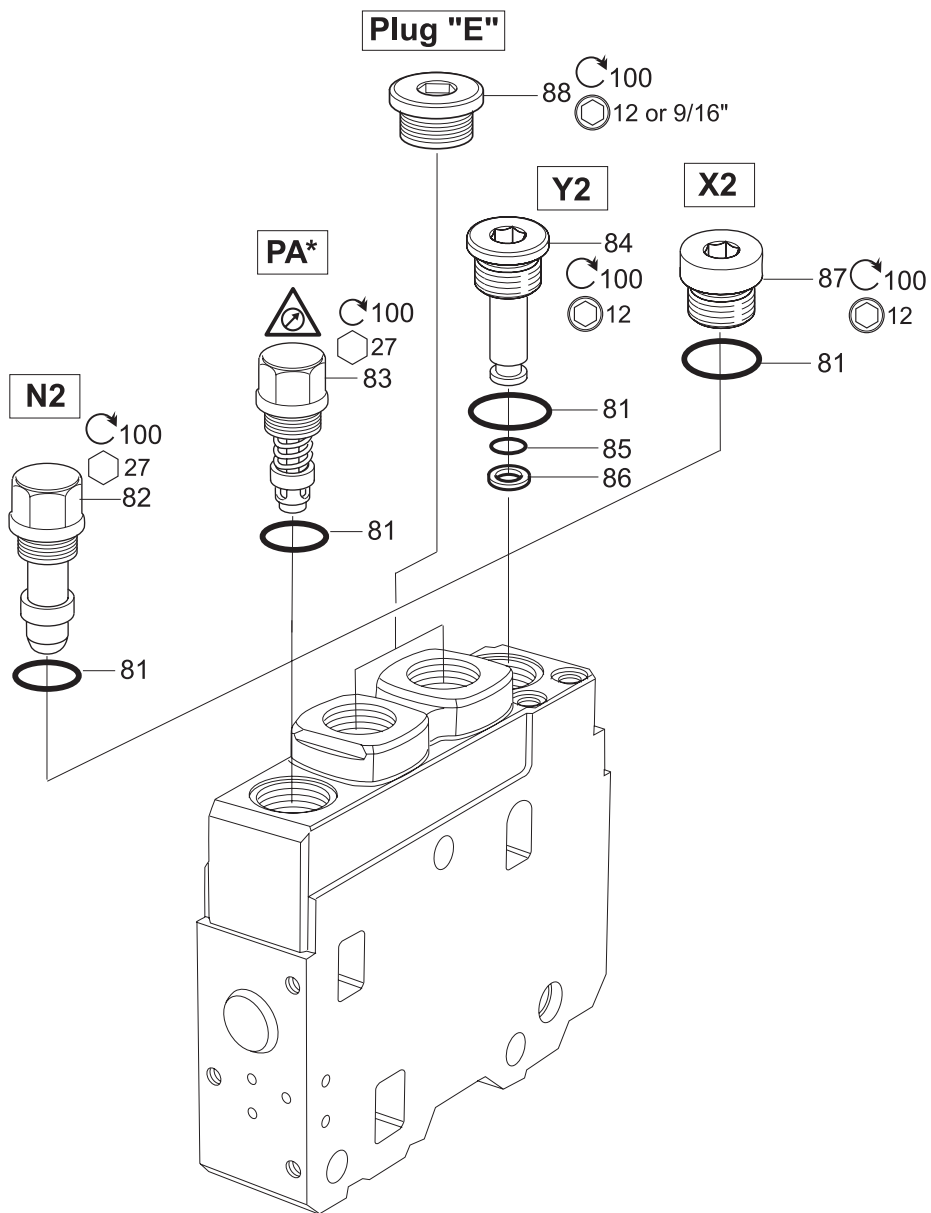


























R = Red spool (Size 1)  
 G = Green spool (Size 2)  
 B = Blue spool (Size 3)

\* Loctite®243  
 \*\*\* Old style: 2 springs.

See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
<b>K1, K2, K3, KN1, A077 + 0,6</b>	66 + 67	9120092474	Plug w. orifice $\varnothing$ 0.6 mm assy.	64 [57(2x), 58, 59], 83
<b>K1, K2, K3, KN1, A077 + 0,8</b>	66 + 67	9120092475	Plug w. orifice $\varnothing$ 0.8 mm assy.	64 [57(2x), 58, 59]
<b>K1, K2, K3, KN1, A077 + 1,0</b>	66 + 67	9120092476	Plug w. orifice $\varnothing$ 1.0 mm assy.	64 [57(2x), 58, 59], 83
<b>X1, N1</b>	66	9120092470	Plug, valve without compensator	60 [57(2x), 58, 59], 85
<b>A001 + 0,6</b>	67 + 74	9120092534	Plug w. orifice $\varnothing$ 0.6 mm assy UNF	79 [57(2x), 58, 59], 83
<b>A001 + 0,8</b>	67 + 74	9120092504	Plug w. orifice $\varnothing$ 0.8 mm assy UNF	79 [57(2x), 58, 59], 83
<b>A001 + 1,0</b>	67 + 74	9120092544	Plug w. orifice $\varnothing$ 1.0 mm assy UNF	79 [57(2x), 58, 59], 83
<b>A001 + 0,6</b>	67 + 74	9120092536	Plug w. orifice $\varnothing$ 0.6 mm assy BSP	79 [57(2x), 58, 59], 83
<b>A001 + 0,8</b>	67 + 74	9120092537	Plug w. orifice $\varnothing$ 0.8 mm assy BSP	79 [57(2x), 58, 59], 83
<b>A001 + 1,0</b>	67 + 74	9120092538	Plug w. orifice $\varnothing$ 1.0 mm assy BSP	79 [57(2x), 58, 59], 83
<b>KS1/KS, A202 + 0,6</b>	66 + 67	9120092260	Plug with orifice $\varnothing$ 0.6 mm	74 [57, 58, 59, 75, 76]
<b>KS1/KS, A202 + 0,8</b>	66 + 67	9120092261	Plug with orifice $\varnothing$ 0.8 mm	74 [57, 58, 59, 75, 76]
<b>KS1/KS, A202 + 1,0</b>	66 + 67	9120092262	Plug with orifice $\varnothing$ 1.0 mm	74 [57, 58, 59, 75, 76]
<b>N1</b>	66	9120092471	Feeding check valve, size Red (1)	60 [57(2x), 58, 59], 61, 63, 85, 87
<b>N1</b>	66	9120092472	Feeding check valve, size Green (2)	60 [57(2x), 58, 59], 61, 63, 85, 87
<b>N1</b>	66	9120092473	Feeding check valve, size Blue (3)	60 [57(2x), 58, 59], 61, 63, 85, 87
<b>N1</b>	66	6760789	Spring kit, N1	87
<b>K1</b>	66	9120092062	Compensator kit, size Red (1)	61, 62, 65, 67
<b>K1</b>	66	9120092058	Compensator kit, size Green (2)	61, 62, 65, 67
<b>K1</b>	66	9120092054	Compensator kit, size Blue (3)	61, 62, 65, 67
<b>K1, KS1/KS</b>	66	6760785	Spring kit, K1, KS1	62, 65
<b>K2</b>	66	9120092063	Compensator kit, size Red (1)	61, 67, 86
<b>K2</b>	66	9120092059	Compensator kit, size Green (2)	61, 67, 86
<b>K2</b>	66	9120092055	Compensator kit, size Blue (3)	61, 67, 86
<b>K2, A202</b>	66	6760786	Spring kit, K2, A202	86
<b>K3</b>	66	9120092064	Compensator kit, size Red (1)	61, 67, 69
<b>K3</b>	66	9120092060	Compensator kit, size Green (2)	61, 67, 69
<b>K3</b>	66	9120092056	Compensator kit, size Blue (3)	61, 67, 69
<b>K3</b>	66	6760787	Spring kit, K3	69
<b>KN1</b>	66	9120092595	Compensator kit, size Red (1)	70, 71, 72, 84
<b>KN1</b>	66	9120092596	Compensator kit, size Green (2)	70, 71, 72, 84
<b>KN1</b>	66	9120092597	Compensator kit, size Blue (3)	70, 71, 72, 84
<b>A077</b>	66	6760453	Compensator kit A077, size Blue (3)	70, 71, 72, 88
<b>KN1, A077</b>	66	6760788	Spring kit, KN1, A077	71
<b>KS1/KS</b>	66	9120092263	Compensator kit, size Red (1)	61, 62, 65, 67, 73
<b>KS1/KS</b>	66	9120092264	Compensator kit, size Green (2)	61, 62, 65, 67, 73
<b>KS1/KS</b>	66	9120092265	Compensator kit, size Blue (3)	61, 62, 65, 67, 73
<b>A202</b>	66	6760374	Compensator kit A202, size Red (1)	61, 67, 73, 86
<b>A202</b>	66	6760373	Compensator kit A202, size Green (2)	61, 67, 73, 86
<b>A202</b>	66	6760372	Compensator kit A202, size Blue (3)	61, 67, 73, 86
		9120092477	Seal kit, all compensators, A001/A077/A202	57(2x), 58, 59
<b>MR**</b>	75	9120092601	Feed reducer valve (serial # > 0623xxxx)	77 [89, 90, 92], 80, 81, 82 [91]
<b>MR</b>	75	9120092023	Feed reducer valve (serial # < 0623xxxx)	78
<b>MR</b>	75	6763003	Seal kit MR	89, 90, 91

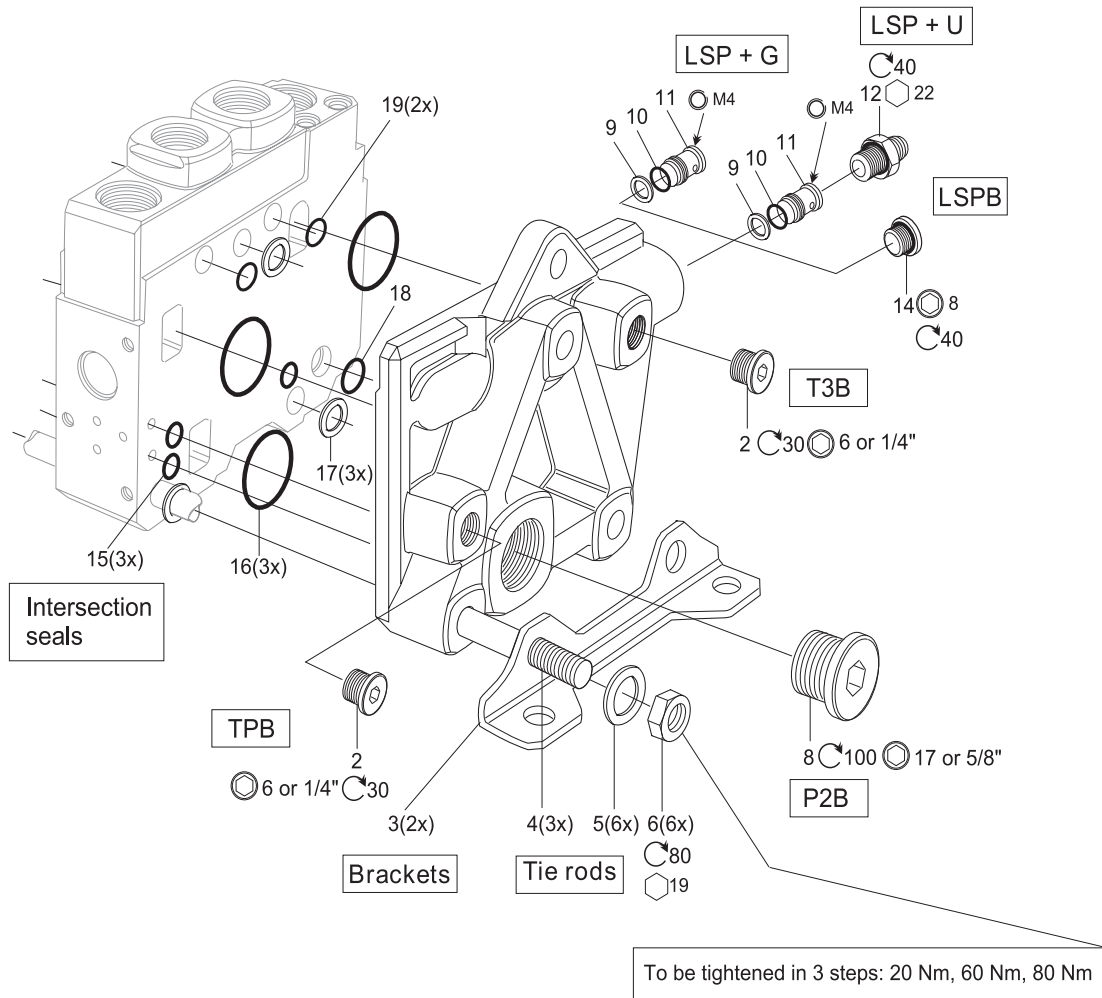
**PA, Y2, N2, X2, A008**



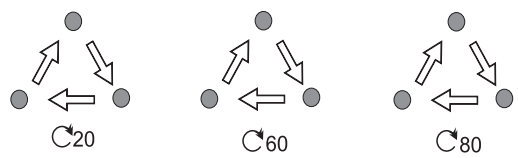
See Customer Specification					
Code	Pos	Part Std	Part A002	Description	Items
50 (PA)	76A/76B	9120029904	9120029954	Port relief valve, PLC185- 50-20, (bar at 20 l/min)	83 [81] 
63 (PA)	76A/76B	9120029905	9120029955	Port relief valve, PLC185- 63-20, (bar at 20 l/min)	83 [81] 
80 (PA)	76A/76B	9120029906	9120029956	Port relief valve, PLC185- 80-20, (bar at 20 l/min)	83 [81] 
100 (PA)	76A/76B	9120029907	9120029957	Port relief valve, PLC185-100-20, (bar at 20 l/min)	83 [81] 
125 (PA)	76A/76B	9120029908	9120029958	Port relief valve, PLC185-125-20, (bar at 20 l/min)	83 [81] 
140 (PA)	76A/76B	9120029909	9120029959	Port relief valve, PLC185-140-20, (bar at 20 l/min)	83 [81] 
160 (PA)	76A/76B	9120029910	9120029960	Port relief valve, PLC185-160-20, (bar at 20 l/min)	83 [81] 
175 (PA)	76A/76B	9120029911	9120029961	Port relief valve, PLC185-175-20, (bar at 20 l/min)	83 [81] 
190 (PA)	76A/76B	9120029912	9120029962	Port relief valve, PLC185-190-20, (bar at 20 l/min)	83 [81] 
210 (PA)	76A/76B	9120029913	9120029963	Port relief valve, PLC185-210-20, (bar at 20 l/min)	83 [81] 
230 (PA)	76A/76B	9120029914	9120029964	Port relief valve, PLC185-230-20, (bar at 20 l/min)	83 [81] 
240 (PA)	76A/76B	9120029924	9120029974	Port relief valve, PLC185-240-20, (bar at 20 l/min)	83 [81] 
250 (PA)	76A/76B	9120029915	9120029965	Port relief valve, PLC185-250-20, (bar at 20 l/min)	83 [81] 
260 (PA)	76A/76B	9120029923	9120029973	Port relief valve, PLC185-260-20, (bar at 20 l/min)	83 [81] 
270 (PA)	76A/76B	9120029926	9120029976	Port relief valve, PLC185-270-20, (bar at 20 l/min)	83 [81] 
280 (PA)	76A/76B	9120029916	9120029966	Port relief valve, PLC185-280-20, (bar at 20 l/min)	83 [81] 
300 (PA)	76A/76B	9120029917	9120029967	Port relief valve, PLC185-300-20, (bar at 20 l/min)	83 [81] 
310 (PA)	76A/76B	6760609	-	Port relief valve, PLC185-310-20, (bar at 20 l/min)	83 [81] 
320 (PA)	76A/76B	6760610	-	Port relief valve, PLC185-320-20, (bar at 20 l/min)	83 [81] 
330 (PA)	76A/76B	9120029918	9120029968	Port relief valve, PLC185-330-20, (bar at 20 l/min)	83 [81] 
350 (PA)	76A/76B	9120029919	9120029969	Port relief valve, PLC185-350-20, (bar at 20 l/min)	83 [81] 
365 (PA)	76A/76B	6760319	-	Port relief valve, PLC185-365-20, (bar at 20 l/min)	83 [81] 
380 (PA)	76A/76B	6760874	-	Port relief valve, PLC185-380-20, (bar at 20 l/min)	83 [81] 
400 (PA)	76A/76B	6760875	-	Port relief valve, PLC185-400-20, (bar at 20 l/min)	83 [81] 

Code	Pos	Part	Description	Remarks / Items
N2	76	9120092030	Check valve N2	82 [81]
Y2	76	9120100122	Cavity plug Y2	84 [81, 85, 86]
Y2	76	393000K804	Seal kit Y2	81, 85, 86
X2	76	9120099682	Plug X2	87 [81]
		6760193	Seal kit PA, N2, X2 (Set of 5)	81(5x)
A008	76	6760519	Y2 plug with small leakage	84 [81, 85, 86]
EA*, EB* + G	60 + 04	-	Plug "E", VSTI3/4EDCF	88
EA*, EB* + U	60 + 04	-	Plug "E", 12HP5ON-S	88

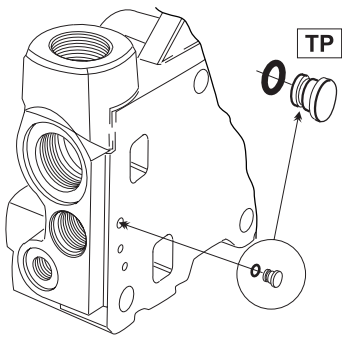
**LSP, LSPB, T3B, P2B, TPB, tie rods, intersection seals**



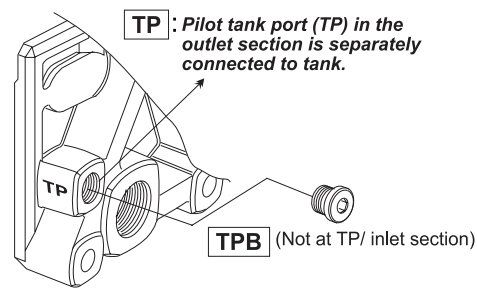
To be tightened in 3 steps: 20 Nm, 60 Nm, 80 Nm



Inlet section K170LS



Outlet section K170LS

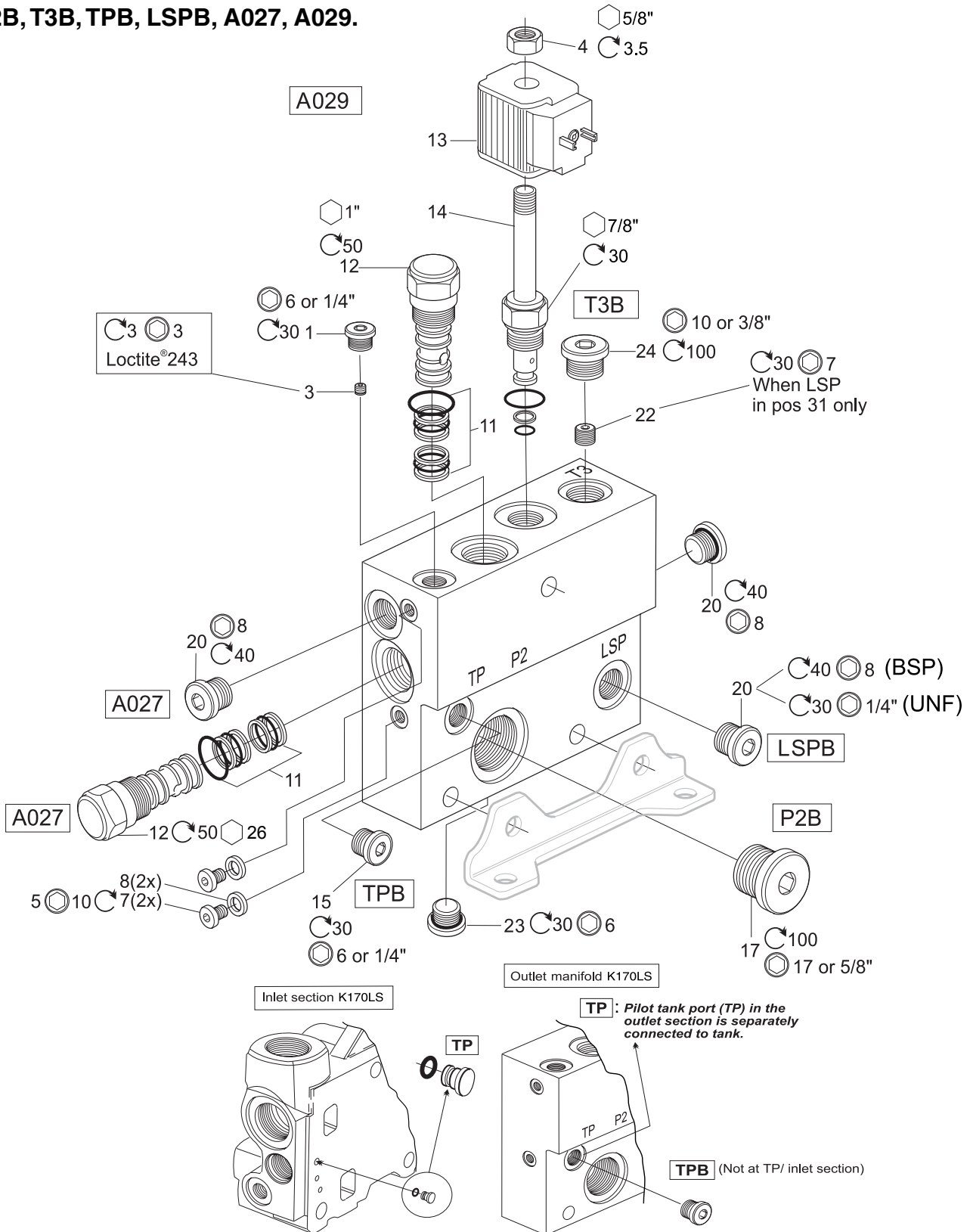


Plug with O-ring on, to be assembled to the inlet section **ONLY** when TP port in the outlet section, alt. manifold, is separately connected to tank.

**Plug assembled in combination with plug in TP port (TPB), involves considerable RISKS !**

See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
<b>Brackets</b>		9120092035	Bracket kit	3(2x), 5(6x), 6(6x)
<b>Tie rods</b>		9120092341	Tie rod kit for 1 - section valve, 198 mm	4(3x), 5(6x), 6(6x)
<b>Tie rods</b>		9120092342	Tie rod kit for 2 - section valve, 244 mm	4(3x), 5(6x), 6(6x)
<b>Tie rods</b>		9120092343	Tie rod kit for 3 - section valve, 299 mm	4(3x), 5(6x), 6(6x)
<b>Tie rods</b>		9120092344	Tie rod kit for 4 - section valve, 348 mm	4(3x), 5(6x), 6(6x)
<b>Tie rods</b>		9120092345	Tie rod kit for 5 - section valve, 396 mm	4(3x), 5(6x), 6(6x)
<b>Tie rods</b>		9120092346	Tie rod kit for 6 - section valve, 448 mm	4(3x), 5(6x), 6(6x)
<b>Tie rods</b>		9120092347	Tie rod kit for 7 - section valve, 501 mm	4(3x), 5(6x), 6(6x)
<b>Tie rods</b>		9120092348	Tie rod kit for 8 - section valve, 549 mm	4(3x), 5(6x), 6(6x)
<b>Tie rods</b>		9120092349	Tie rod kit for 9 - section valve, 597 mm	4(3x), 5(6x), 6(6x)
<b>Tie rods</b>		6760818	Tie rod kit for 10 - section valve, 650 mm	4(3x), 5(6x), 6(6x)
		9120092036	Intersection seal kit	15(3x), 16(3x), 17(3x), 18
<b>M/M2 + A067</b>	85 + 44/74	6760189	Intersection seal kit	15(3x), 16(3x), 18, 19(2x)
<b>LSP + G</b>	31 + 04	9120092032	LS connection open, BSP	11 [9, 10]
<b>LSP + U</b>	31 + 04	9120092033	LS connection open, UNF	11 [9, 10], 12
<b>LSP + U</b>	31 + 04	-	Nipple 6-6F4OMXS	12
<b>LSPB + G/U</b>	31 + 04	-	Plug VST13/8EDCF	14
<b>P2B + G</b>	32 + 04	-	Plug VST11EDCF	8
<b>P2B + U</b>	32 + 04	-	Plug 16HP5ON-S	8
<b>T3B + G</b>	34 + 04	-	Plug VST11/4EDCF	2
<b>T3B + U</b>	34 + 04	-	Plug 6HP5ON-S	2
<b>TPB + G</b>	40 + 04	-	Plug VST11/4EDCF	2
<b>TPB + U</b>	40 + 04	-	Plug 6HP5ON-S	2
<b>Tie rods</b>		9120092556	K170LS 1 section + Combine inlet, 135 mm	4(3x), 5(3x), 6(3x)
<b>Tie rods</b>		9120092557	K170LS 2 sections + Combine inlet, 185 mm	4(3x), 5(3x), 6(3x)
<b>Tie rods</b>		9120092558	K170LS 3 sections + Combine inlet, 237 mm	4(3x), 5(3x), 6(3x)
<b>Tie rods</b>		9120092559	K170LS 4 sections + Combine inlet, 289 mm	4(3x), 5(3x), 6(3x)
<b>Tie rods</b>		9120092560	K170LS 5 sections + Combine inlet, 335 mm	4(3x), 5(3x), 6(3x)
<b>Tie rods</b>		6763091	K170LS 6 sections + Combine inlet, 385 mm	4(3x), 5(3x), 6(3x)
<b>Brackets</b>		9120092567	Bracket kit	3, 5(3x), 6(3x)
<b>A054</b>	44	6763199	Bracket kit A054	3, 5(3x), 6(3x)





**P2B, T3B, TPB, LSPB, A027, A029.**



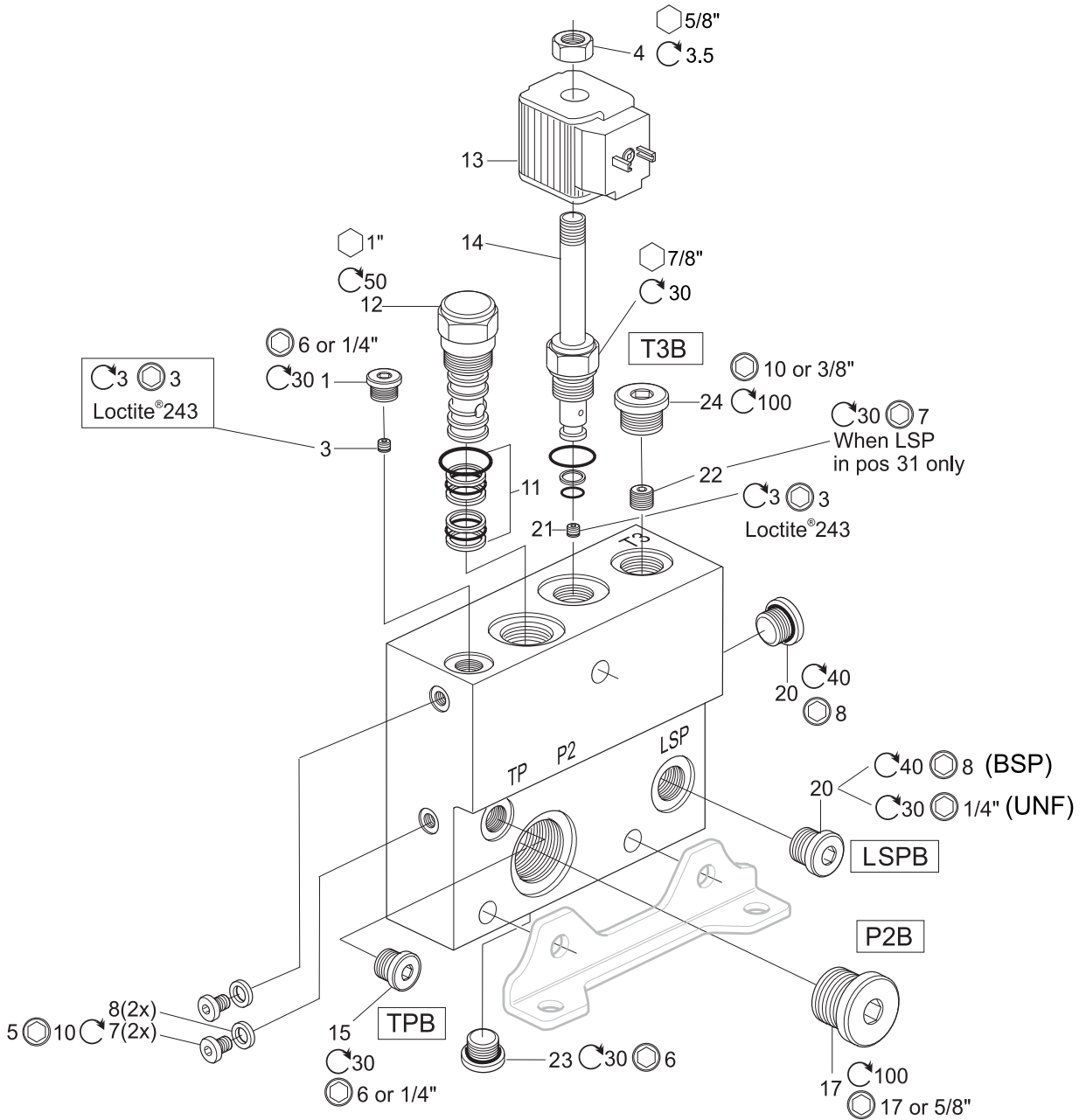
Plug with O-ring on, to be assembled to the inlet section **ONLY** when TP port in the outlet section, alt. manifold, is separately connected to tank.

**Plug assembled in combination with plug in TP port (TPB), involves considerable RISKS !**

See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
<b>TPB + G</b>	40 + 04	-	Plug VSTI1/4EDCF	15 (Not at A027)
<b>TPB + U</b>	40 + 04	-	Plug 6HP5ON-S	15 (Not at A027)
<b>P2B + G</b>	32 + 04	-	Plug VSTI1EDCF	17
<b>P2B + U</b>	32 + 04	-	Plug 16HP5ON-S	17
<b>LSPB + G</b>	31 + 04	-	Plug VSTI3/8EDCF	20
<b>LSPB + U</b>	31 + 04	-	Plug 6HP5ON-S	20
<b>LSP</b>	31	-	Plug BSP 1/4 DIN 906	22
<b>T3B + G</b>	34 + 04	-	Plug VSTI1/2EDCF	24
<b>T3B + U</b>	34 + 04	-	Plug 10HP5ON-S	24
<b>A029</b>	30 + 24	6760656	CCP024HE, coil 24VDC	13
<b>A029</b>	30	6760657	Solenoid valve, DSH092C	14 [4]
<b>A029</b>	30	-	Plug P6SS M6 x 6	3
<b>A029 + G</b>	30 + 04	-	Plug VSTI1/4EDCF	1
<b>A029 + U</b>	30 + 04	-	Plug 6HP5ON-S	1
<b>A027</b>	30	6760659	Cartridge DPS2-10-F-F-40	12 [11] (Up to serial no. 1211...)
<b>A027</b>	30	6763285	Cartridge ROH3-2.8N	12 [11] (From serial no. 1212...)
<b>A029</b>	30	6760660	Cartridge DPS2-10-S-F-0-160	12 [11]
<b>A029</b>	30	6760586	Kit M6 x 8 plug	7, 8
<b>A027/A029</b>	30	-	Plug VSTI1/4EDCF	23
<b>A027/A029</b>	30	-	Plug VSTI3/8EDCF	20

Symbol	Description
	<p>For optimum function, the radial play between spool and spool bore must be correct. Spools are therefore colour-coded to identify sizes. We recommend that the whole valve/section is changed if the spool has to be replaced (valve housings cannot be purchased as spares, so if a new one is required a new valve or complete section should be ordered). If the spool has to be changed, it is extremely important that the new spool is the right size.</p> <p>If the spool is too large, it will not work properly even if it appears to function perfectly on assembly, and if the spool is too small, function will also be adversely affected. Spools that are classified by size are marked in the list with .</p> <p>The colour-marking of the spool may disappear after a time, so, unless otherwise stated, the housing is marked with a letter to indicate the respective colour as follows: <b>B</b> for Blue, <b>G</b> for Green, <b>R</b> for Red.</p>
	<p>Changing the settings, replacing the preset pressure relief valve or breaking the seal must only be done in accordance with the manufacturer's instructions. Other settings may seriously damage the machine and other assets, and may cause personal injury. Note that a value contained in the customer specification manual does not apply if the manufacturer changed the settings at installation. Always contact the manufacturer's service organisation before servicing items marked with .</p>

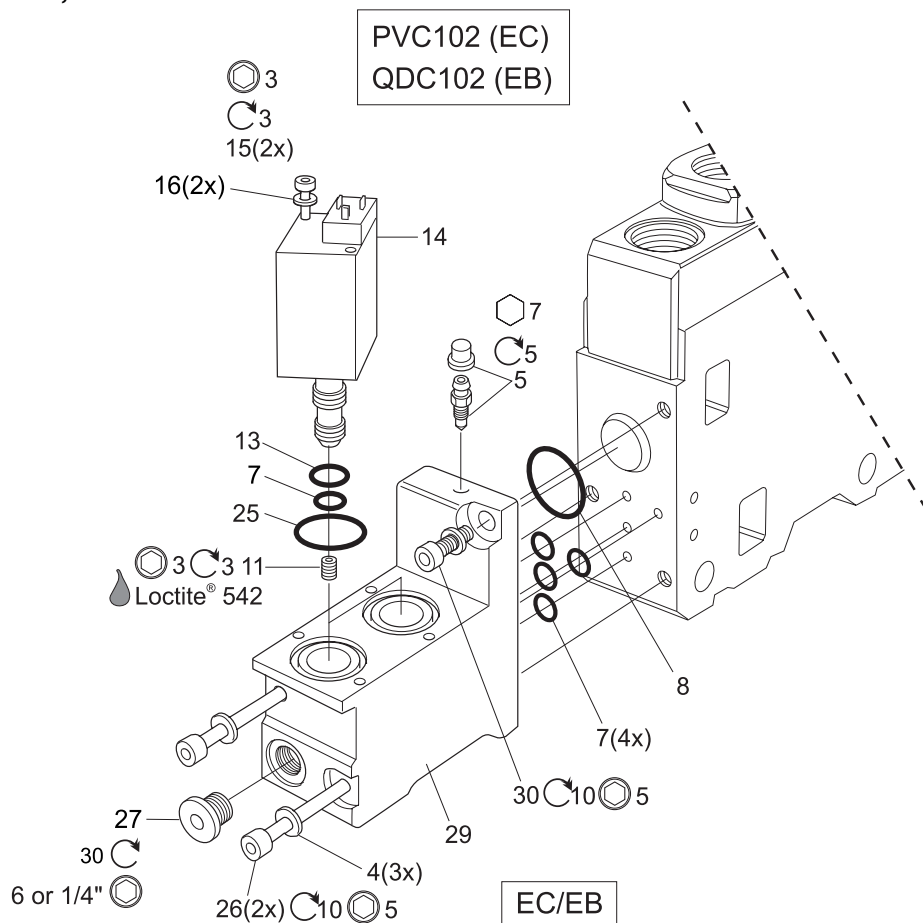
A004, A009



Spare Parts Not available!

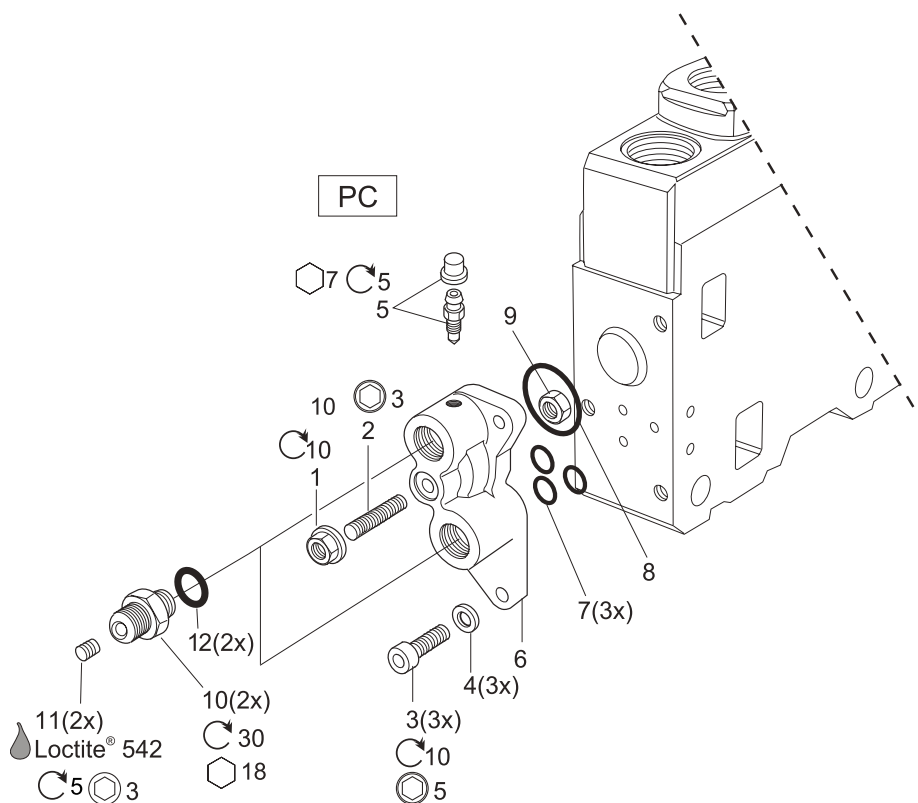


**EC, EB, PVC102, QDC102**



See Customer Specification		Spare parts not available		
Code	Pos	Part	Description	Remarks / Items
EC, EB + G	50 + 04	9120092020	Cap kit EC/EB, A-side, BSP	4(3x), 5, 7(4x), 8, 25(2x), 26(2x), 27, 29, 30
EC, EB + U	50 + 04	9120092021	Cap kit EC/EB, A-side, UNF	4(3x), 5, 7(4x), 8, 25(2x), 26(2x), 27, 29, 30
EC, EB + G	50 + 04	6760800	Seal kit EC/EB, A-side, BSP	7(6x), 8, 13(2x), 25(2x), 27
EC, EB + U	50 + 04	6760801	Seal kit EC/EB, A-side, UNF	7(6x), 8, 13(2x), 25(2x), 27
EC, EB + 0,8	50 + 55A/55B	6760102	Orifice, $\varnothing$ 0.8 mm (M6)	11 (5x)
EC, EB + 1,0	50 + 55A/55B	6760104	Orifice, $\varnothing$ 1.0 mm (M6)	11 (5x)
EC, EB + 1,2	50 + 55A/55B	6760106	Orifice, $\varnothing$ 1.2 mm (M6)	11 (5x)
EC, EB + 1,3	50 + 55A/55B	6760107	Orifice, $\varnothing$ 1.3 mm (M6)	11 (5x)
EC, EB + 1,4	50 + 55A/55B	6760108	Orifice, $\varnothing$ 1.4 mm (M6)	11 (5x)
EC, EB + 1,5	50 + 55A/55B	6760109	Orifice, $\varnothing$ 1.5 mm (M6)	11 (5x)
EC, EB + 1,6	50 + 55A/55B	6760110	Orifice, $\varnothing$ 1.6 mm (M6)	11 (5x)
EC, EB + G	50 + 04	-	Plug VST11/4EDCF	27
EC, EB + U	50 + 04	-	Plug 6HP5ON-S	27
			Solenoid see EC/ECS+A012	Buy complete control kit

**PC, old style, up to serial no 1204...**



Spare parts not available  
Use latest version







# Parker Worldwide

## Europe, Middle East, Africa

**AE – United Arab Emirates,**  
Dubai

Tel: +971 4 8127100  
parker.me@parker.com

**AT – Austria,** Wiener Neustadt  
Tel: +43 (0)2622 23501-0  
parker.austria@parker.com

**AT – Eastern Europe,** Wiener  
Neustadt  
Tel: +43 (0)2622 23501 900  
parker.easteurope@parker.com

**AZ – Azerbaijan,** Baku  
Tel: +994 50 22 33 458  
parker.azerbaijan@parker.com

**BE/LU – Belgium,** Nivelles  
Tel: +32 (0)67 280 900  
parker.belgium@parker.com

**BG – Bulgaria,** Sofia  
Tel: +359 2 980 1344  
parker.bulgaria@parker.com

**BY – Belarus,** Minsk  
Tel: +375 17 209 9399  
parker.belarus@parker.com

**CH – Switzerland,** Etoy  
Tel: +41 (0)21 821 87 00  
parker.switzerland@parker.com

**CZ – Czech Republic,** Klecany  
Tel: +420 284 083 111  
parker.czechrepublic@parker.com

**DE – Germany,** Kaarst  
Tel: +49 (0)2131 4016 0  
parker.germany@parker.com

**DK – Denmark,** Ballerup  
Tel: +45 43 56 04 00  
parker.denmark@parker.com

**ES – Spain,** Madrid  
Tel: +34 902 330 001  
parker.spain@parker.com

**FI – Finland,** Vantaa  
Tel: +358 (0)20 753 2500  
parker.finland@parker.com

**FR – France,** Contamine s/Arve  
Tel: +33 (0)4 50 25 80 25  
parker.france@parker.com

**GR – Greece,** Athens  
Tel: +30 210 933 6450  
parker.greece@parker.com

**HU – Hungary,** Budaoers  
Tel: +36 23 885 470  
parker.hungary@parker.com

**IE – Ireland,** Dublin  
Tel: +353 (0)1 466 6370  
parker.ireland@parker.com

**IT – Italy,** Corsico (MI)  
Tel: +39 02 45 19 21  
parker.italy@parker.com

**KZ – Kazakhstan,** Almaty  
Tel: +7 7273 561 000  
parker.easteurope@parker.com

**NL – The Netherlands,** Oldenzaal  
Tel: +31 (0)541 585 000  
parker.nl@parker.com

**NO – Norway,** Asker  
Tel: +47 66 75 34 00  
parker.norway@parker.com

**PL – Poland,** Warsaw  
Tel: +48 (0)22 573 24 00  
parker.poland@parker.com

**PT – Portugal,** Leca da Palmeira  
Tel: +351 22 999 7360  
parker.portugal@parker.com

**RO – Romania,** Bucharest  
Tel: +40 21 252 1382  
parker.romania@parker.com

**RU – Russia,** Moscow  
Tel: +7 495 645-2156  
parker.russia@parker.com

**SE – Sweden,** Spånga  
Tel: +46 (0)8 59 79 50 00  
parker.sweden@parker.com

**SK – Slovakia,** Banská Bystrica  
Tel: +421 484 162 252  
parker.slovakia@parker.com

**SL – Slovenia,** Novo Mesto  
Tel: +386 7 337 6650  
parker.slovenia@parker.com

**TR – Turkey,** Istanbul  
Tel: +90 216 4997081  
parker.turkey@parker.com

**UA – Ukraine,** Kiev  
Tel: +380 44 494 2731  
parker.ukraine@parker.com

**UK – United Kingdom,** Warwick  
Tel: +44 (0)1926 317 878  
parker.uk@parker.com

**ZA – South Africa,** Kempton Park  
Tel: +27 (0)11 961 0700  
parker.southafrica@parker.com

## North America

**CA – Canada,** Milton, Ontario  
Tel: +1 905 693 3000

**US – USA,** Cleveland  
(industrial)  
Tel: +1 216 896 3000

**US – USA,** Elk Grove Village  
(mobile)  
Tel: +1 847 258 6200

## Asia Pacific

**AU – Australia,** Castle Hill  
Tel: +61 (0)2-9634 7777

**CN – China,** Shanghai  
Tel: +86 21 2899 5000

**HK – Hong Kong**  
Tel: +852 2428 8008

**ID – Indonesia,** Tangerang  
Tel: +62 21 7588 1906

**IN – India,** Mumbai  
Tel: +91 22 6513 7081-85

**JP – Japan,** Fujisawa  
Tel: +81 (0)4 6635 3050

**KR – South Korea,** Seoul  
Tel: +82 2 559 0400

**MY – Malaysia,** Shah Alam  
Tel: +60 3 7849 0800

**NZ – New Zealand,** Mt Wellington  
Tel: +64 9 574 1744

**SG – Singapore**  
Tel: +65 6887 6300

**TH – Thailand,** Bangkok  
Tel: +662 717 8140

**TW – Taiwan,** New Taipei City  
Tel: +886 2 2298 8987

**VN – Vietnam,** Ho Chi Minh City  
Tel: +84 8 3999 1600

## South America

**AR – Argentina,** Buenos Aires  
Tel: +54 3327 44 4129

**BR – Brazil,** Cachoeirinha RS  
Tel: +55 51 3470 9144

**CL – Chile,** Santiago  
Tel: +56 2 623 1216

**MX – Mexico,** Toluca  
Tel: +52 72 2275 4200

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### EMEA Product Information Centre

Free phone: 00 800 27 27 5374

(from AT, BE, CH, CZ, DE, DK, EE, ES, FI, FR, IE, IL,  
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### US Product Information Centre

Toll-free number: 1-800-27 27 537

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