EC209B - Std. Top components

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COVERSHEET

Planned document changes:

Breifly:
2026-10-28. POS.8 divided to two parts: 1080802 with 1080803. (Backwards compatible).

Document changes:

Date:	Change:	Rev. after change:
2026-08-25	Reference to Hydrema routing corrected.	B
2024-03-12	Seal included in top part.	A
2022-09-01	New document.	-

Readers note:

Indicates instruction.

Represents Hose.

Dashed lines for overview, mounts on other pages/assemblies.

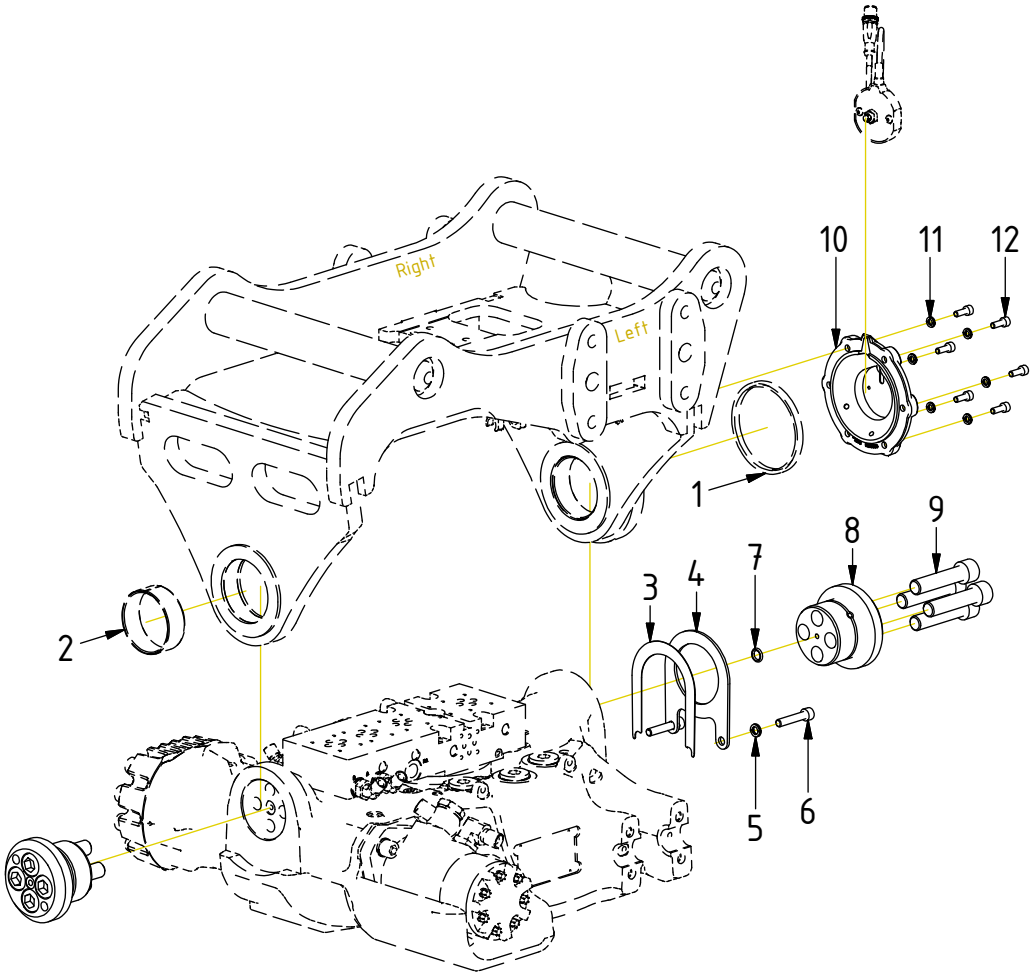
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EC209BS:

Exploded view

ePS2 Sensors



POS	DESCRIPTION	PART	QTY	COMMENTS
1	Seal PAK 90x100x7-L	1063597	1	Face groove toward top part (Incl. in Top part)
2	Bushing ø65/70x25	630322	2	(Incl. in Top part)
3	Shims tilt axle	1016499	1	Use as required
4	Tilt axial washer	1016461	1	
5	Washer NL 8mm	611040	10	QTY: 8 part of Tilt cylinder
6	Screw MC6S M8x40 12.9 ZFSHL	6000145	2	
7	O-ring 9,92x2,62	710968	4	
8	Tilt axle EC209S	1062499	2	
9	Screw MC6S M16x70 12.9 ZFSHL	6000144	8	Torque: 333Nm
10	Cover tiltaxle EC209S Cast	1065626	1	
11	Washer NL 6mm	611039	11	
12	Screw MC6S M6x16 12.9 ZFSHL	6000017	8	

POS in order of assembly

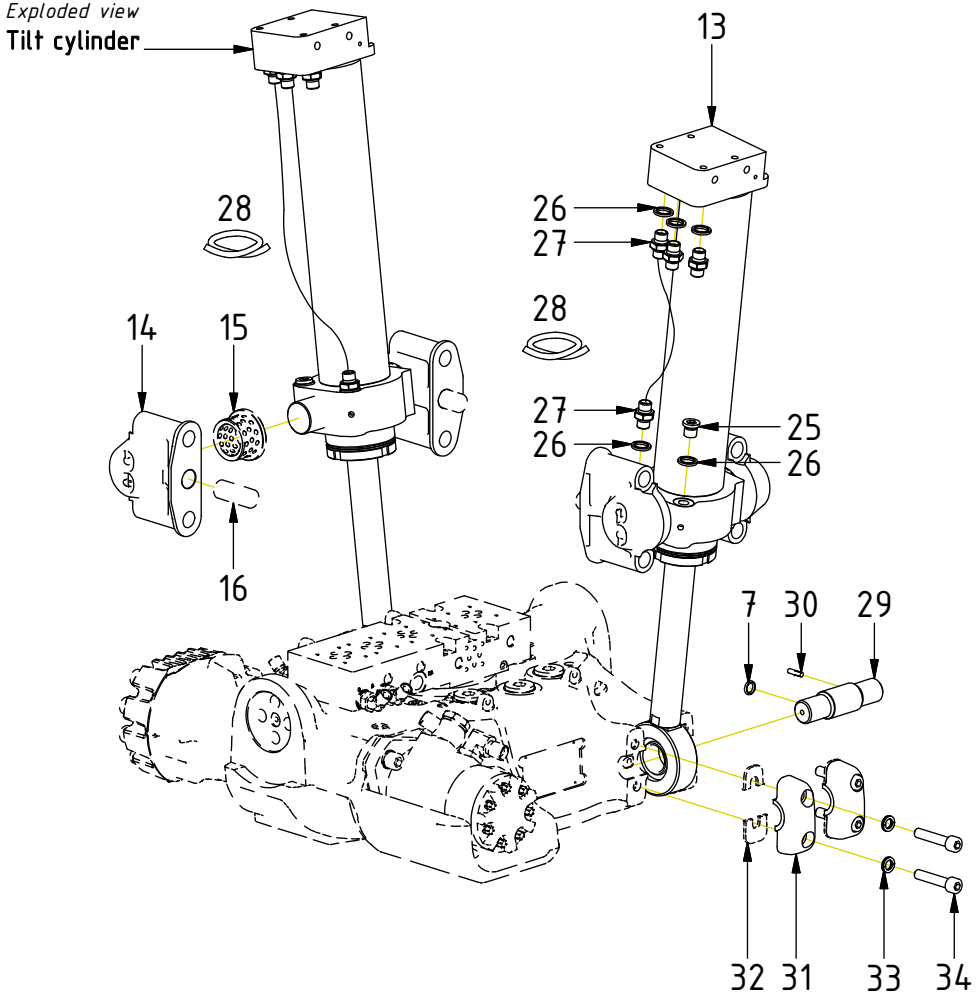
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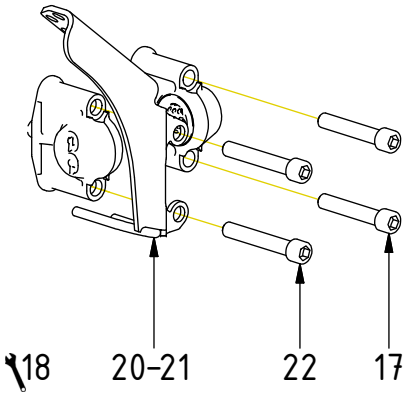
POS in order of assembly

POS	DESCRIPTION	PART	QTY	COMMENTS
7	O-ring 9,92x2,62	710968	4	
13	Tilt cylinder	1041412	2	
14	Yoke cast lube free Complete	1023212	4	(POS.15-16 incl.)
15	Bushing 35/45/55/5x30	631003	4	
16	Cylindrical pin ø20x50	650211	4	
17	Screw MC6S M16x90 12.9 ZFSHL	6000151	4	Torque: 333Nm
18	For EC-Oil (no terminals)			See "Top part" QS45
20	Hose terminal EC209 QSM Left	1056614	1	
21	Hose terminal EC209 QSM Right	1056615	1	
22	Screw MC6S M16x100 12.9 ZFSHL	6000156	4	Torque: 333Nm
23	Spacer terminal 32mm	1028040	4	
24	Screw MC6S M16x130 12.9 ZFSHL	6000154	4	
25	Plug 153-04 (1/4")	711505	2	
26	Washer GBR04 1/4	710702	10	
27	Adapter 138-04-29 (1/4")	710135	8	
28	Hose Tilt Short	742816	2	
29	Cylinder axle ø30	1016458	2	
30	Slotted pin 5x20	640413	2	
31	Clamping half Complete	1022942	4	(POS.32 incl.)
32	Rubber spacer clamping half	1016465	4	
33	Washer NL 10mm	611041	11	
34	MC6S M10x50 12.9 ZFSHL	611515	8	Torque: 79Nm

Exploded view

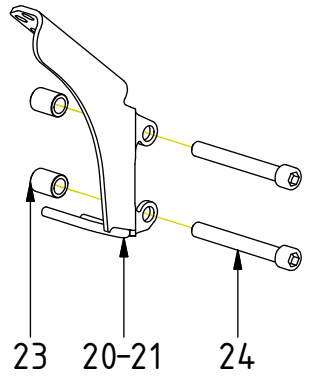


Std terminals



With inserts

(Adjustable width)

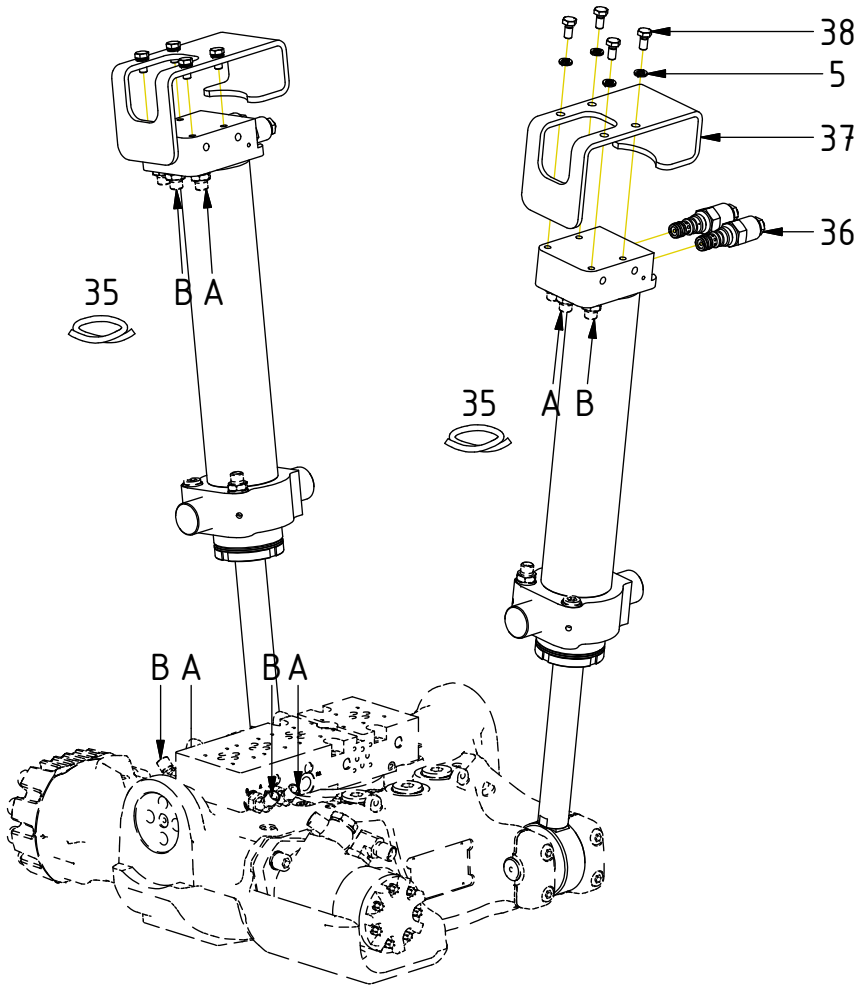


Photos on page 6.

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TILT



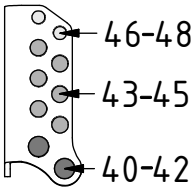
POS	DESCRIPTION	PART	QTY	COMMENTS
5	Washer NL 8mm	611040	10	QTY: 8 part of Tilt cylinder
35	Hose Tilt Long	7001308	4	
36	Overcentre valve 10:1 adjustable	730269	4	Torque: 45Nm
37	Hose protection Tiltcyl.	1003774	2	
38	Screw M6S M8x16 8,8 FZB	610122	8	

POS in order of assembly

Photos on page 6.

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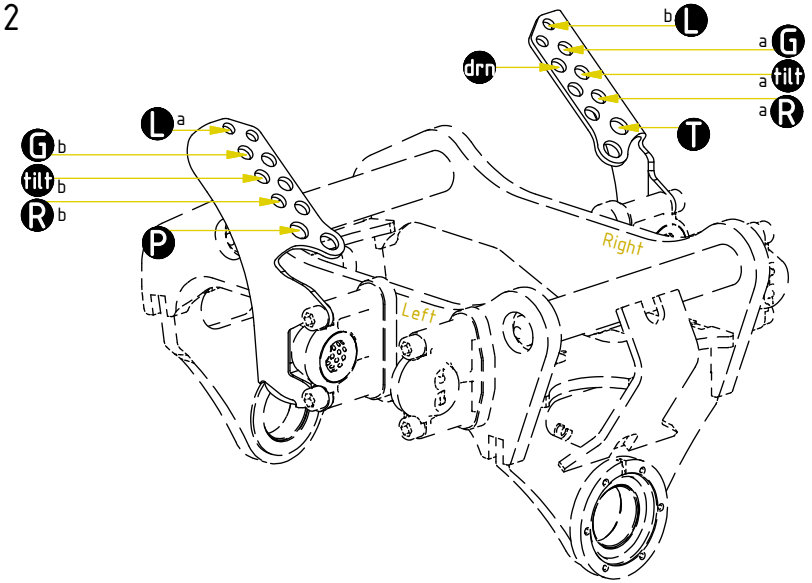


FEED

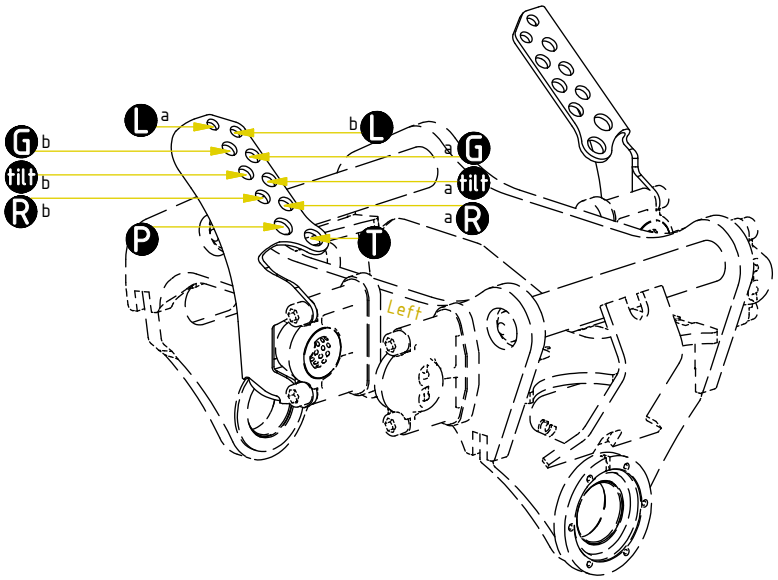
POS	DESCRIPTION	PART	QTY	COMMENTS
18	For EC-Oil (no terminals)			See "Top part" QS45
19	For Hydrema hose routing			See "Top part" Hydrema
39	For Functions & Feed Hoses			See "Control system"
40	Washer NL 20mm	611098	2	
41	Adapter 1260-08-08 (1/2")	710244	2	
42	Counternut 1270-08 (1/2")	710254	2	
43	Washer NL 16mm	611044	2	
44	Adapter 1260-06-32 (3/8")	710242	2	
45	Counternut 1270-06 (3/8")	710252	2	
46	Washer NL 1/2"	611096	2	
47	Adapter 1260-04-04 (1/4")	710240	2	
48	Counternut 1270-04 (1/4")	710250	2	

POS in order of assembly

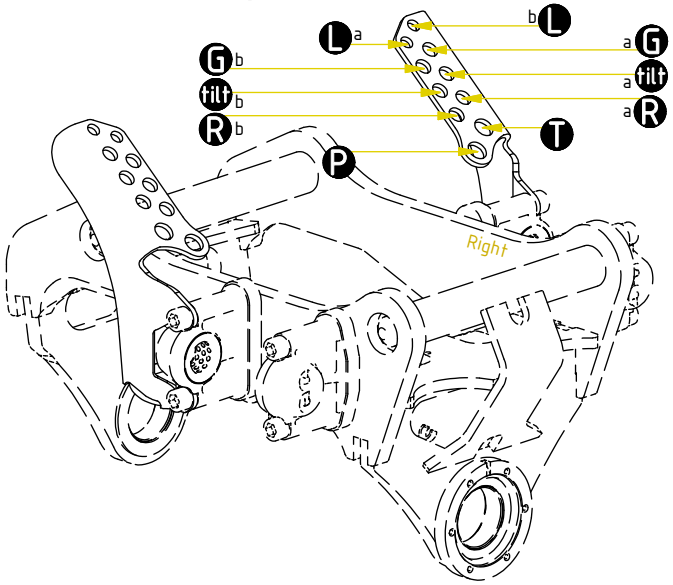
Std feed



Feed Left



Feed Right



Photos on page 7.

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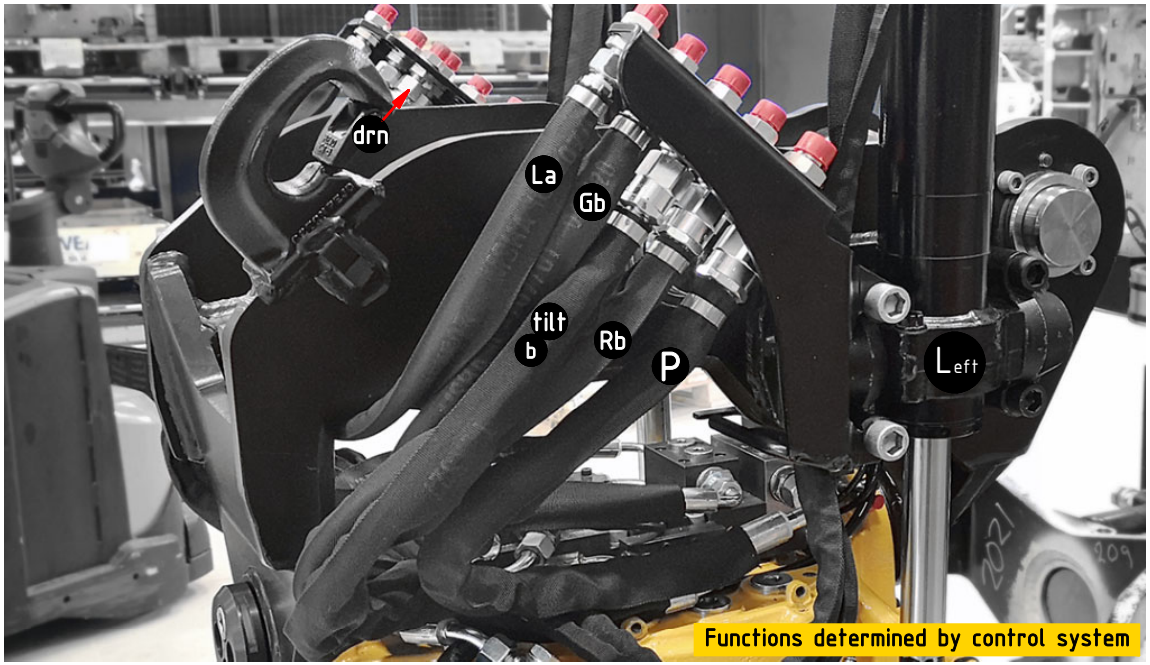
POS	DESCRIPTION	PART	QTY	COMMENTS
28	Hose Tilt Short	742816	2	
35	Hose Tilt Long	7001308	4	

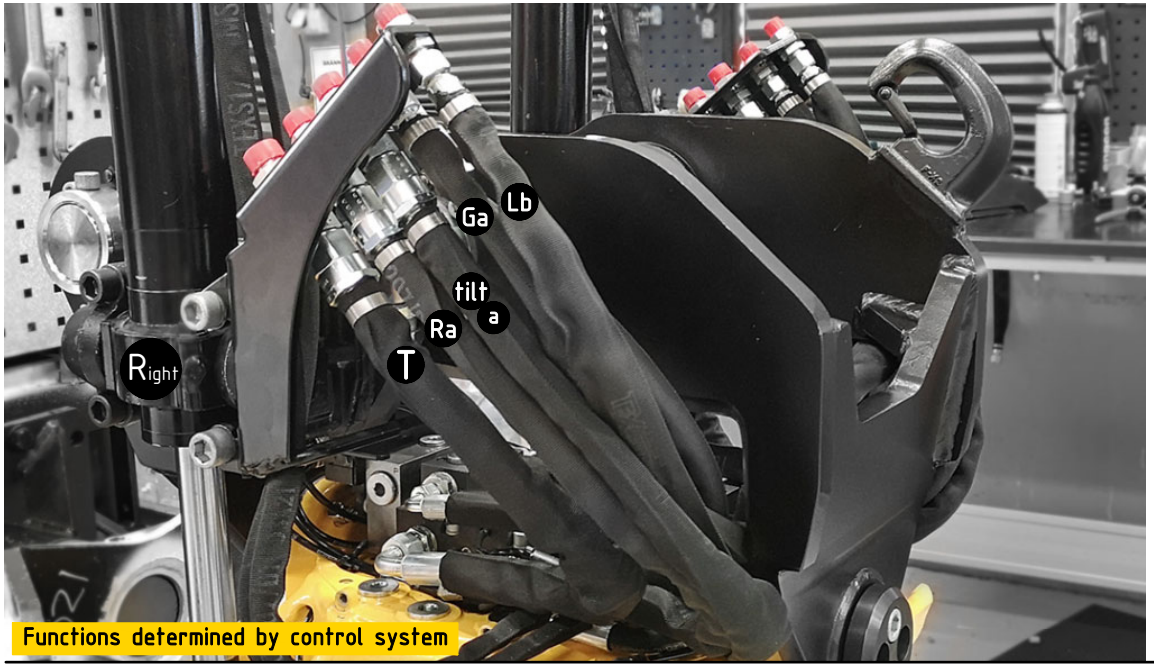
POS in order of assembly

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FEED





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POS in order of assembly