

EC309 - Top part UNI
COVERSHEET

Planned document changes:

Briefly:
No planned changes.

Document changes:

Date:	Change:	Rev. after change:
2026-04-23	New document.	-

Readers note:

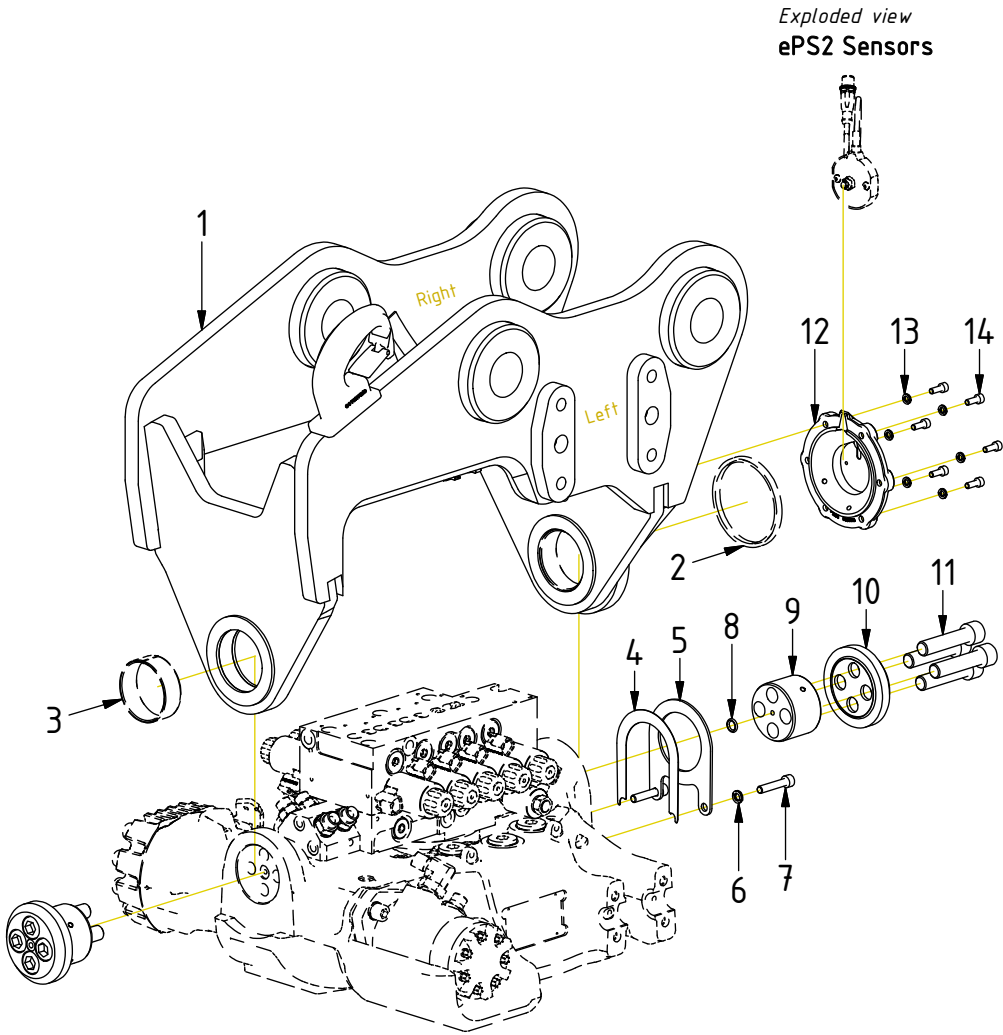


Indicates instruction.

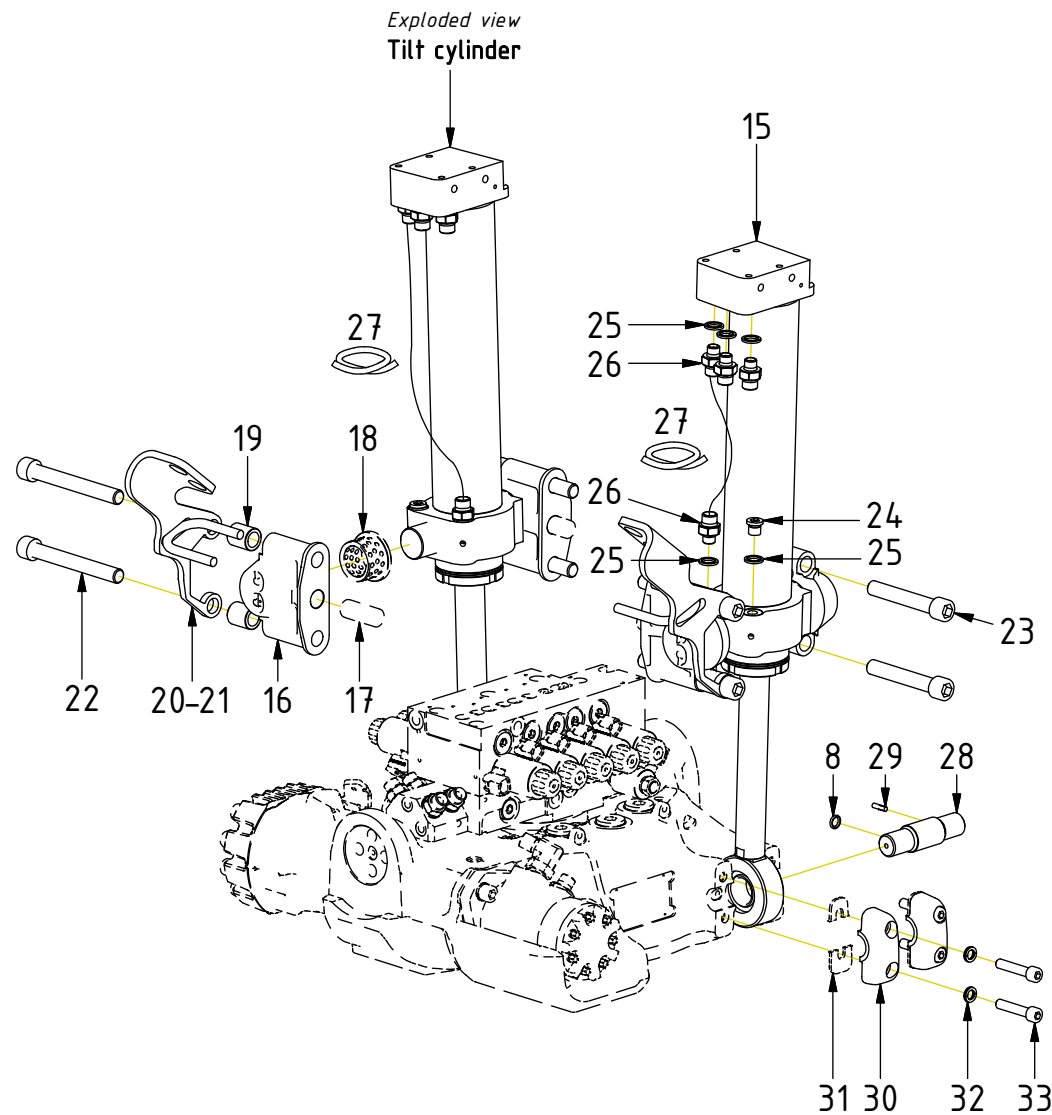


Represents Hose.

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



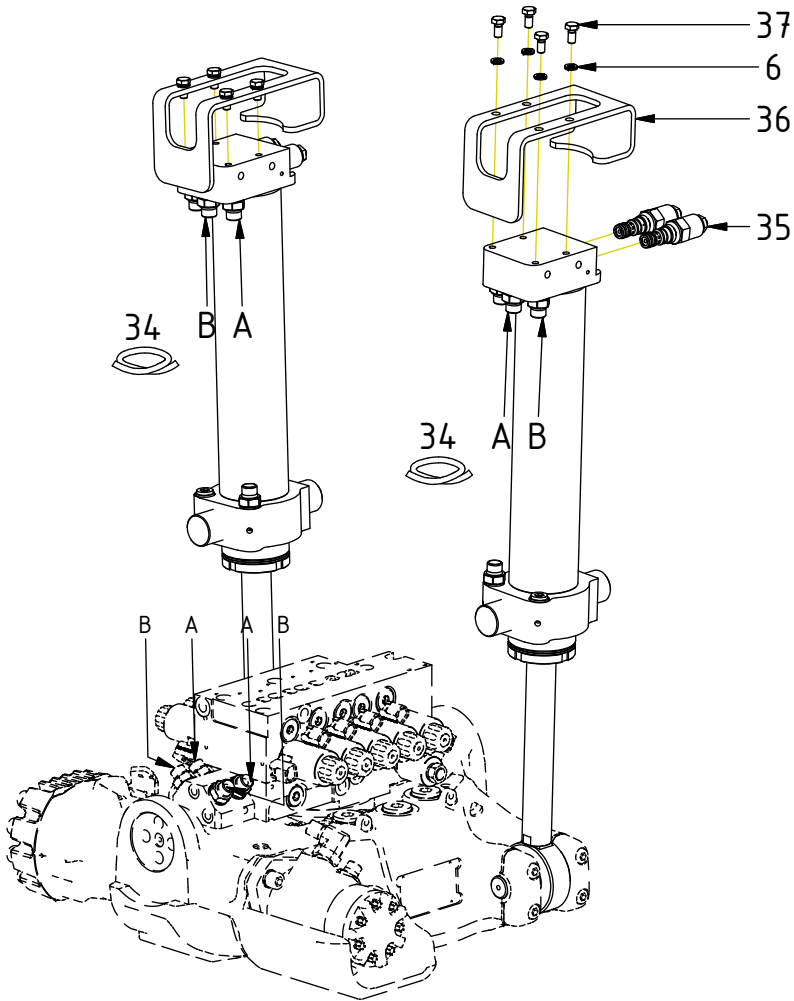
POS	DESCRIPTION	PART	QTY	COMMENTS
1	Top part UNI is selected via engcon			(POS.2-3 incl.)
2	Seal PAK 90x100x7-L	1063597	1	Face groove toward top part
3	Bushing $\varnothing 65/70 \times 25$	630322	2	
4	Shim tilt axle	1016499	1	Use as required
5	Tilt axial washer	1016461	1	
6	Washer NL 8mm	611040	10	
7	Screw MC6S M8x40 12.9 ZFSL	6000145	2	
8	O-ring 9,92x2,62	710968	4	
9	Tilt shaft EC209B/EC309	1080802	2	
10	Tilt shaft flange EC209B/EC309	1080803	2	
11	Screw MC6S M16x70 12.9 ZFSL	6000144	8	Torque: 333Nm
12	Cover tiltaxle EC209B/EC309 Cast	1065626	1	
13	Washer NL 6mm	611039	6	
14	Screw MC6S M6x16 12.9 ZFSL	6000017	6	



POS	DESCRIPTION	PART	QTY	COMMENTS
8	O-ring 9,92x2,62	710968	4	
15	Tilt cylinder	1041412	2	
16	Yoke cast lube free Complete	1023212	4	(POS.17-18 incl.)
17	Cylindrical pin $\varnothing 20 \times 50$	650211	4	
18	Bushing 35/45/55/5x30	631003	4	
19	Spacer terminal 28mm	1030616	4	
20	Terminal EC309 right	1084182	1	
21	Terminal EC309 left	1084183	1	
22	Screw MC6S M16x130 12.9 ZFSHL	6000154	4	Torque: 333Nm
23	Screw MC6S M16x100 12.9 ZFSHL	6000156	4	Torque: 333Nm
24	Plug 153-04 (1/4")	711505	2	
25	Washer GBR04 1/4	710702	10	
26	Adapter 135-04-06 (1/4"-3/8")	710118	8	
27	Hose Tilt Short	7002078	2	
28	Cylinder axle $\varnothing 30$	1016458	2	
29	Slotted pin 5x20	640413	2	
30	Clamping half Complete	1022942	4	(POS.31 incl.)
31	Rubber spacer clamping half	1016465	4	
32	Washer NL 10mm	611041	8	
33	Screw MC6S M10x50 12.9 ZFSHL	611515	8	Torque: 79Nm

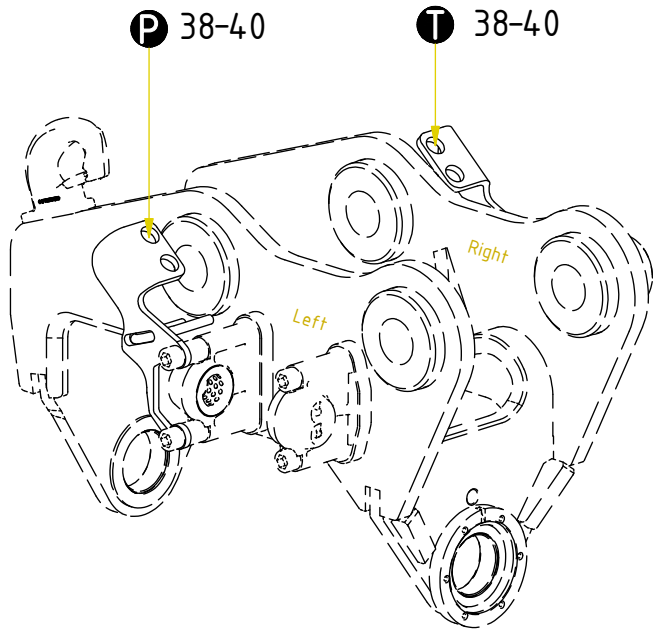
POS in order of assembly

TILT



POS	DESCRIPTION	PART	QTY	COMMENTS
6	Washer NL 8mm	611040	10	
34	Hose Tilt Long	7002077	4	
35	Overcentre valve 10:1 adjustable	730269	4	Torque: 45Nm
36	Hose protection Tiltcyl.	1003774	2	
37	Screw M6S M8x16 8,8 FZB	610122	8	
38	Washer NL 20mm	611098	2	
39	Adapter 1260-08-08 (1/2")	710244	2	
40	Counternut 1270-08 (1/2")	710254	2	

FEED



POS	DESCRIPTION	PART	QTY	COMMENTS
27	Hose Tilt Short	7002078	2	
34	Hose Tilt Long	7002077	4	
41	Hose Feed P	7002182	1	Part of control system
42	Hose Feed T	7002183	1	Part of control system
●	Use cable ties			

POS in order of assembly

Photo needed: UNI
(terminals instead of ECO)