EC206 - Std Top part components

engcon®

COVERSHEET

Planned document changes:

Breifly:

POS.7 divided to two parts: 1080802 with 1080803. (Backwards compatible).

New tilt cylinder POS.11: 1066135.

Seal and bushing share POS.1, add own POS for seal.
Alert that the seal must assemble with groove toward top part.

POS.38 updated to 3x: 3/8 holes. Add o-ring 710961 to ss9SQ La & Lb.

Document changes:

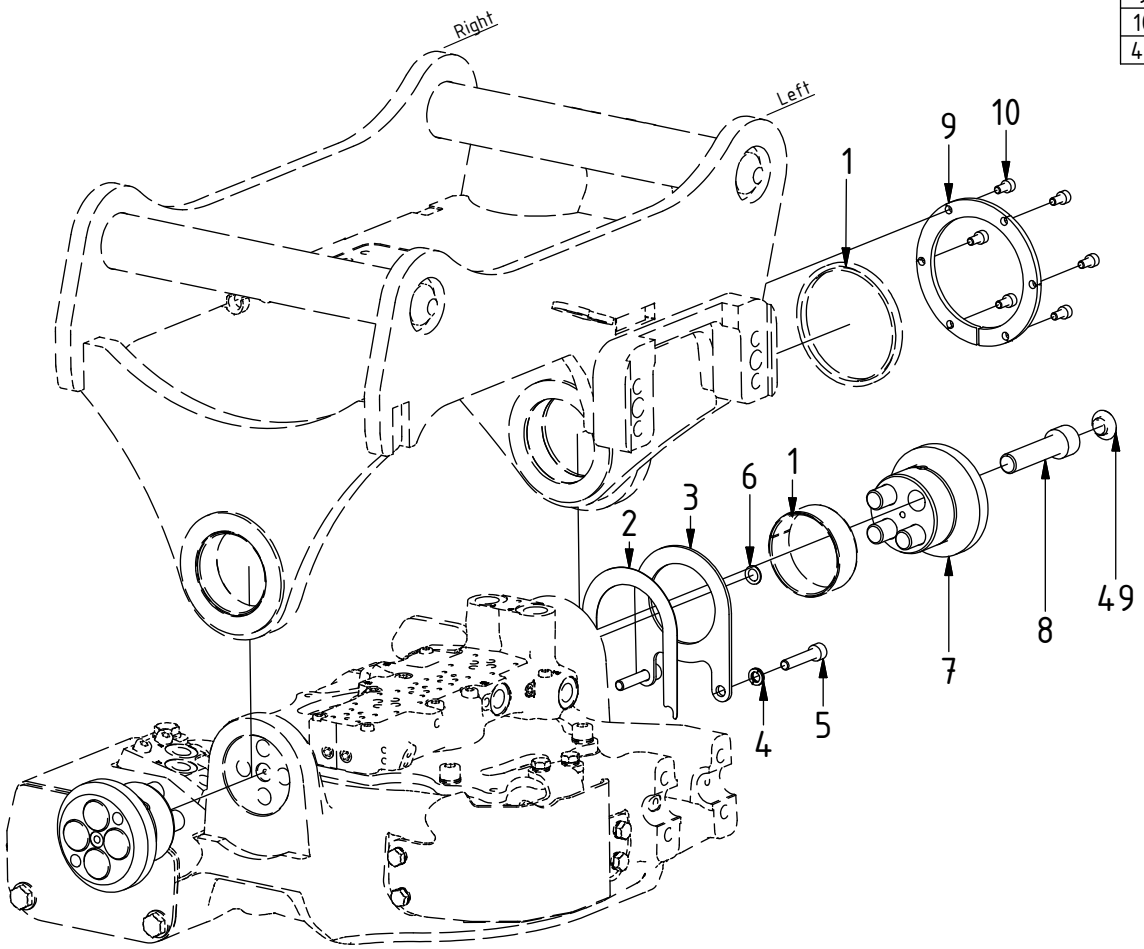
Date:	Change:	Rev. after change:
2022-06-10	Protection plate added.	B
2021-11-11	Tilt axle updated. Discontinued ss configs. removed.	A
2020-06-05	New instruction.	-

EC206 - Std Top part components

engcon®

POS	DESCRIPTION	PART	QTY	COMMENTS
1	Bushing ø65/70x25	630322	2	(Included in Top part)
2	Shims tilt axle	1016499	1	Use if required
3	Axial washer tilt	1016461	1	
4	Washer NL 8mm	611040	6	QTY: 4 part of Tilt cylinder
5	MC6S M8x40 12.9 ZFSHL	6000145	2	
6	O-ring 9,92x2,62	710968	3	
7	Tiltaxle EC206/EC209	1062499	2	
8	MC6S M16x65 12.9 ZFSHL	6000170	8	Torque: 333Nm
9	Protection plate tilt axle	1064716	1	
10	MC6S M6x12 12.9 ZFSHL	6000352	6	
49	Screw Cover M16 Cast yoke	1004801	8	Part of make up

POS in order of assembly

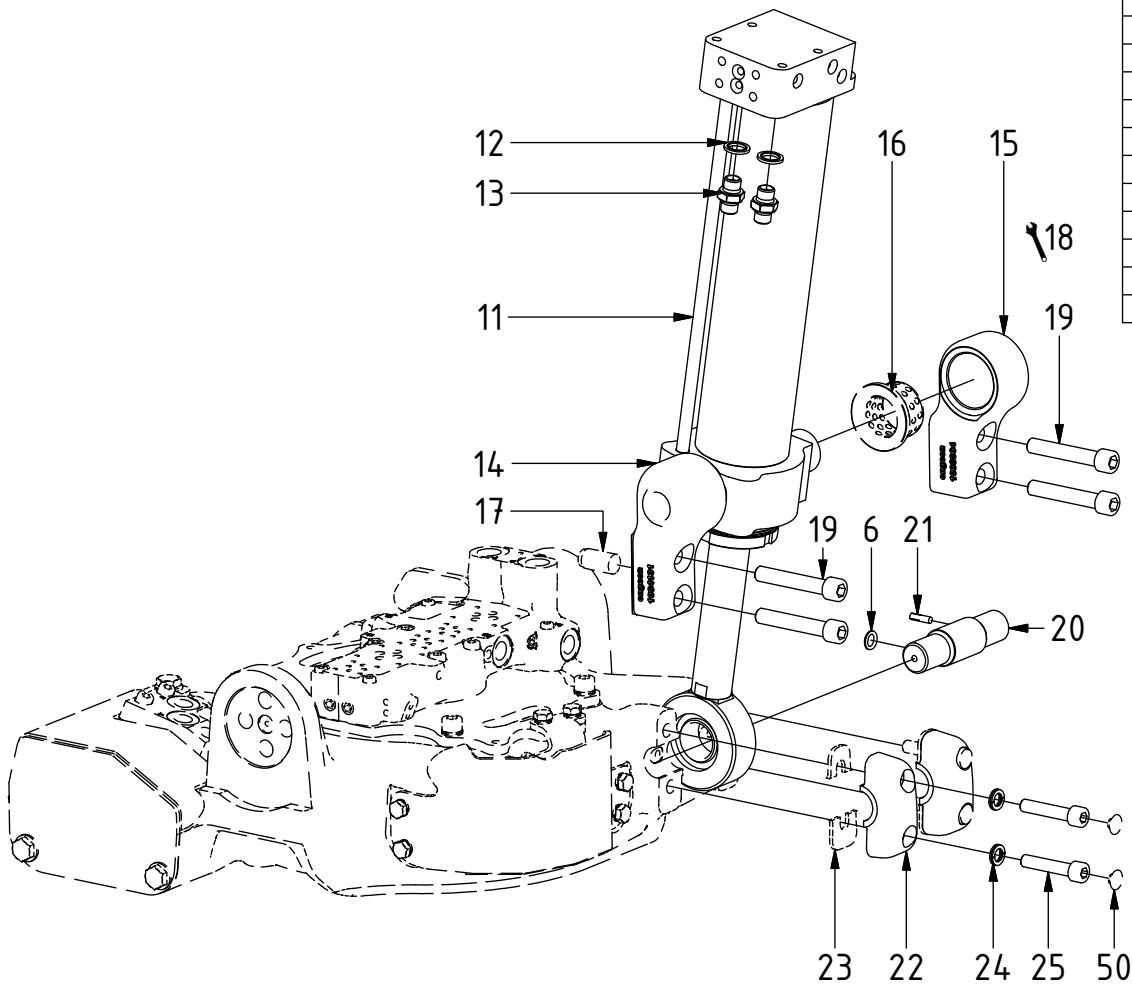


EC206 - Std Top part components

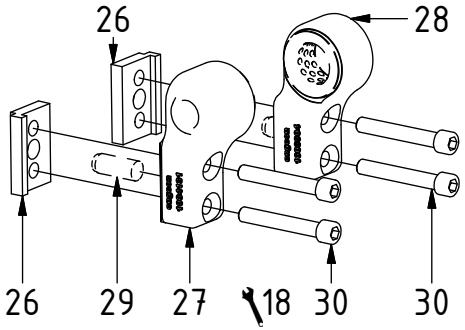
engcon®

POS in order of assembly

POS	DESCRIPTION	PART	QTY	COMMENTS
6	O-ring 9,92x2,62	710968	3	
11	Tilt cylinder EC206	1040873	1	See "Tilt cylinders"
12	Washer GBR04 1/4	710702	2	
13	Adapter 138-04-29 (1/4")	710135	2	
14	Yoke EC206 Front Complete	1023824	2	(POS.16-17 included)
15	Yoke EC206 Rear Complete	1023823	2	(POS.16-17 included)
16	Bushing BWG-F 35/45/55/5x30	631003	2	
17	Cylindrical pin CPK ø16x36 m6	650215	2	
18	For UNI			See separate instruction
19	MC6S M12x70 12.9 Geomet	611517	4	Torque: 136Nm
20	Cylinder axle ø30	1016458	1	
21	Slotted pin 5x20 ISO8741	640413	1	
22	Clamping half Complete	1022942	2	(POS.23 included)
23	Rubber spacer clamping half	1016465	2	
24	Washer NL10	611041	4	
25	MC6S M10x50 12.9 Geomet	611515	4	Torque: 79Nm
26	Shim Yoke bracket	1006199	2	For option Shimmed Tilt cylinder
27	Yoke EC206 Front Complete w.shim	1040381	1	(POS.16, 29 included)
28	Yoke EC206 Rear Complete w.shim	1040380	1	(POS.16, 29 included)
29	Cylindrical pin CPK ø16x45 m6	650218	2	
30	MC6S M12x80 12.9 ZFSHL	6000148	4	Torque: 136Nm
50	Screw Cover M10 Clamping half	1021468	4	Part of make up

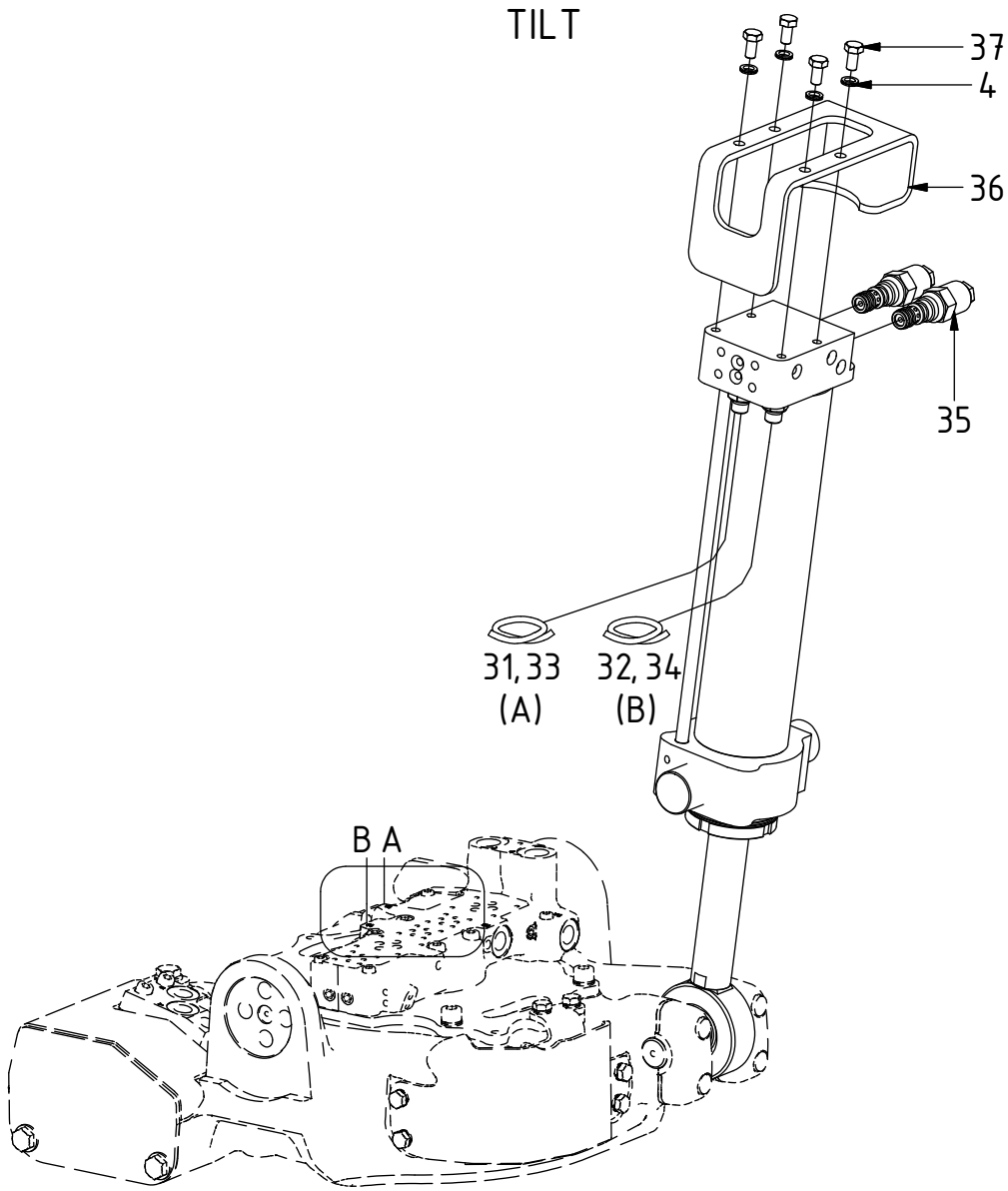


Shimmed Tilt cylinder:



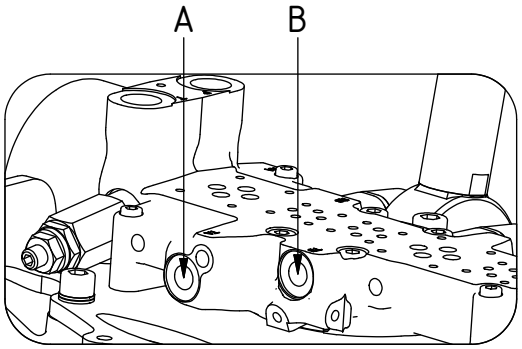
EC206 - Std Top part components

engcon®



POS	DESCRIPTION	PART	QTY	COMMENTS
31	Hose Tilt Long - ss10, ss9, ss5	742912	1	Connect to valve block A
32	Hose Tilt Short - ss10, ss9, ss5	742911	1	Connect to valve block B
33	Hose Tilt Long - ss0	7000324	1	Connect to terminal
34	Hose Tilt Short - ss0	7000325	1	Connect to terminal
35	Overcentre valve 10:1	730269	2	Torque: 45Nm
36	Hose protection Tiltcylinder	1003774	1	
37	M6S 8x16	610122	4	

POS in order of assembly



EC206 - Std Top part components

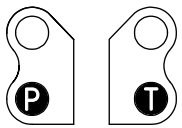
engcon®

P = 41
T = 41
R = 41
L = 45
tilt = 45
E = 41
G = 45

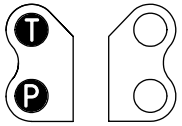
FEED

ss5, ss10

Standard



Feed Left

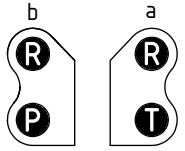


POS	DESCRIPTION	PART	QTY	COMMENTS
38	Hose terminal 2x3/8, 1x1/4	1011565	2	For ss9
39	Hose terminal 2x3/8, 2x1/4	1026096	2	For ss0
40	Straight terminal 2x3/8, 1x1/4	1011454	2	For ss0 with Grab
41	Use washer, adapter, nut: POS.42, 43, 44			QTY depends on config.
42	Washer NL 16mm	611044	2	
43	Adapter 1260-06-32 (3/8'')	710242	2	
44	Counternut 1270-06 (3/8'')	710252	2	
45	Use washer, adapter, nut: POS.46, 47, 48			QTY depends on config.
46	Washer NL 1/2''	611096	2	
47	Adapter 1260-04-04 (1/4'')	710240	2	
48	Counternut 1270-04 (1/4'')	710250	2	
	Attach feed hoses from control system / rotator frame / std top part			(a & b represents channels on feed block)

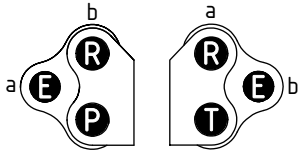
POS in order of assembly

ss9IQ

Standard

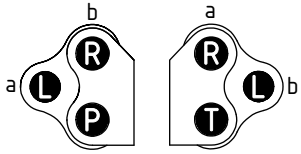


SX



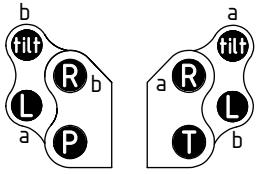
ss9SQ

Standard

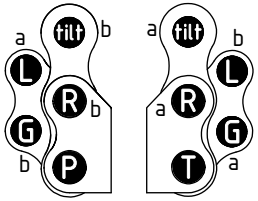


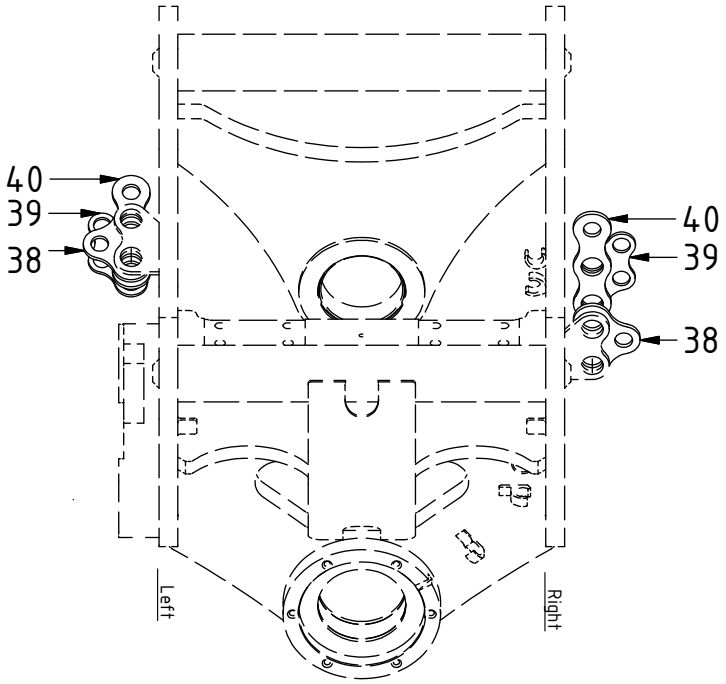
ss0

Without Grab



With Grab





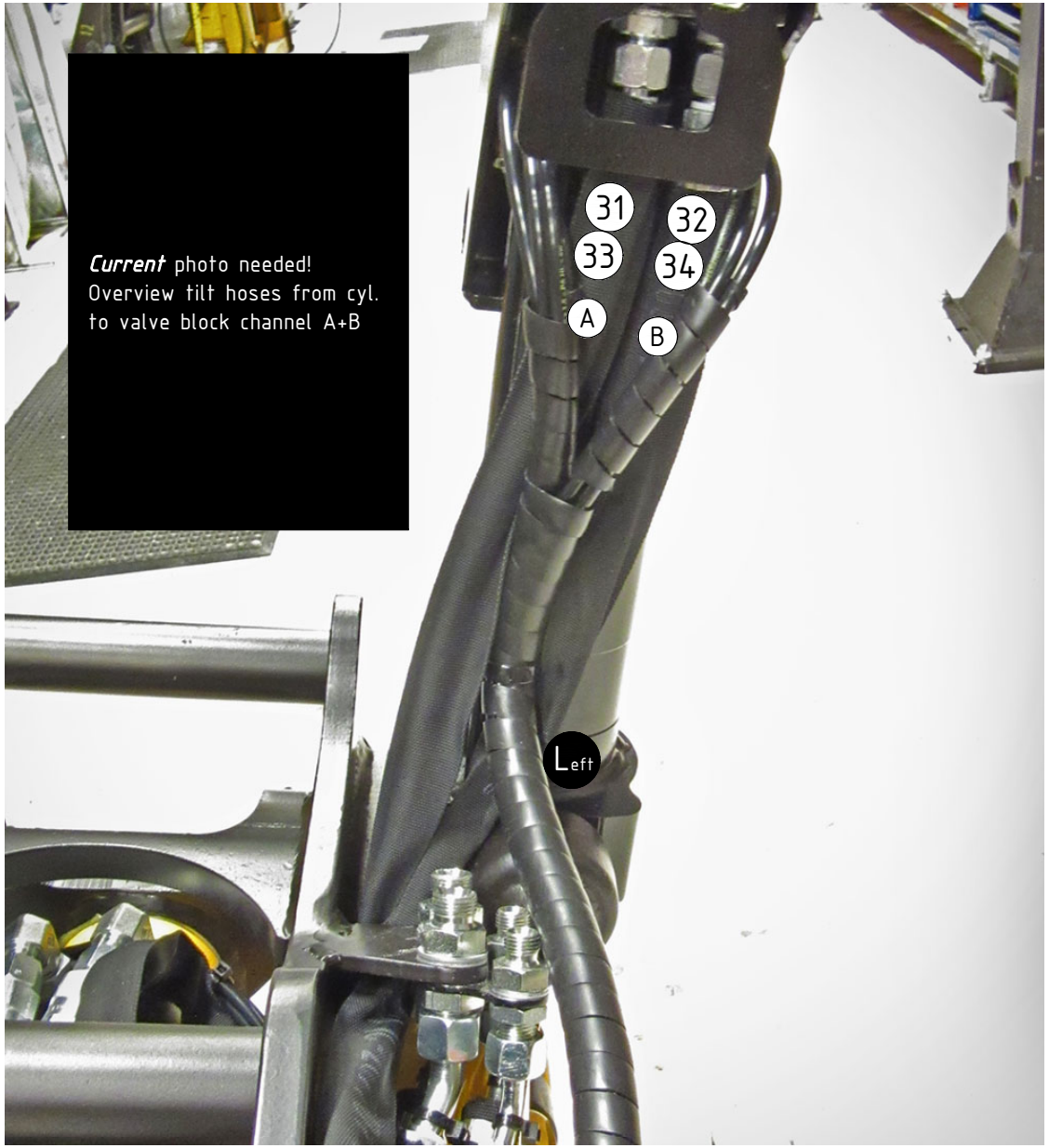
EC206 - Std Top part components

engcon®

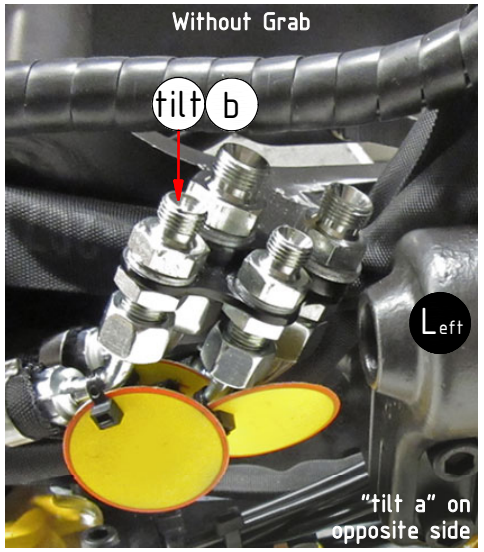
TILT

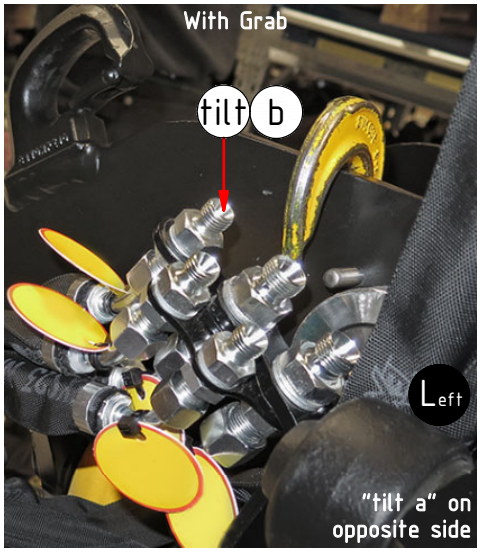
POS	DESCRIPTION	PART	QTY	COMMENTS
31	Hose Tilt Long - ss10, ss9, ss5	742912	1	Connect to valve block A
32	Hose Tilt Short - ss10, ss9, ss5	742911	1	Connect to valve block B
33	Hose Tilt Long - ss0	7000324	1	Connect to terminal
34	Hose Tilt Short - ss0	7000325	1	Connect to terminal

POS in order of assembly



To terminal, ss0:





EC206 - Std Top part components

engcon®

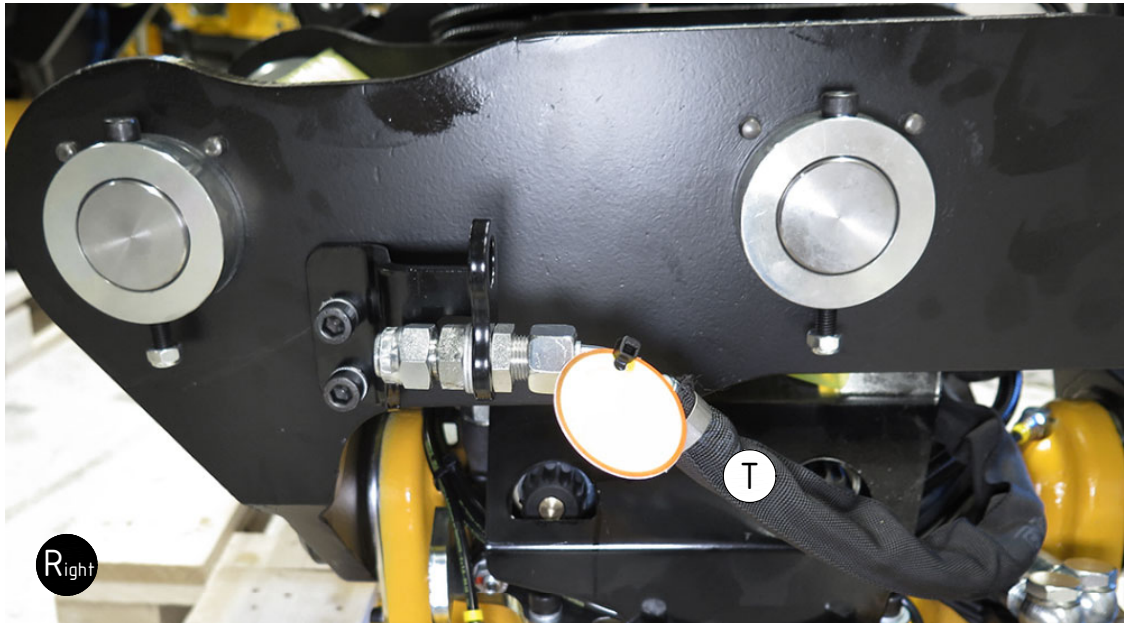
POS	DESCRIPTION	PART	QTY	COMMENTS
	Attach feed hoses from control system			

POS in order of assembly

FEED

ss5, ss10





Feed Left:

Photo needed: option Feed Left

Dashed lines for overview, mounts on other pages/assemblies. indicates instruction. represents hose.

EC206 - Std Top part components

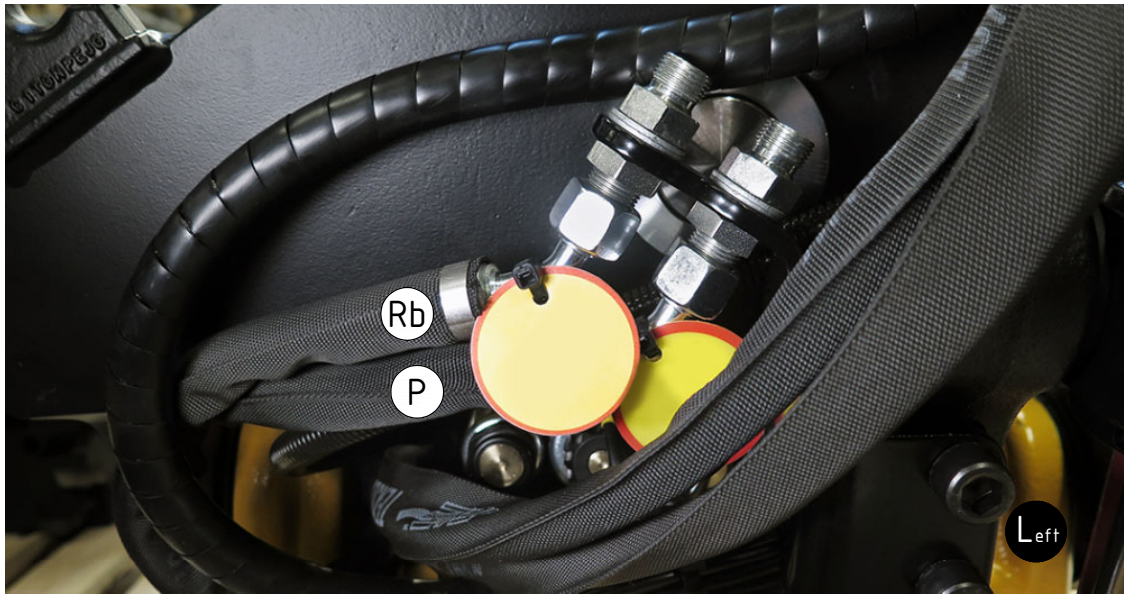
engcon®

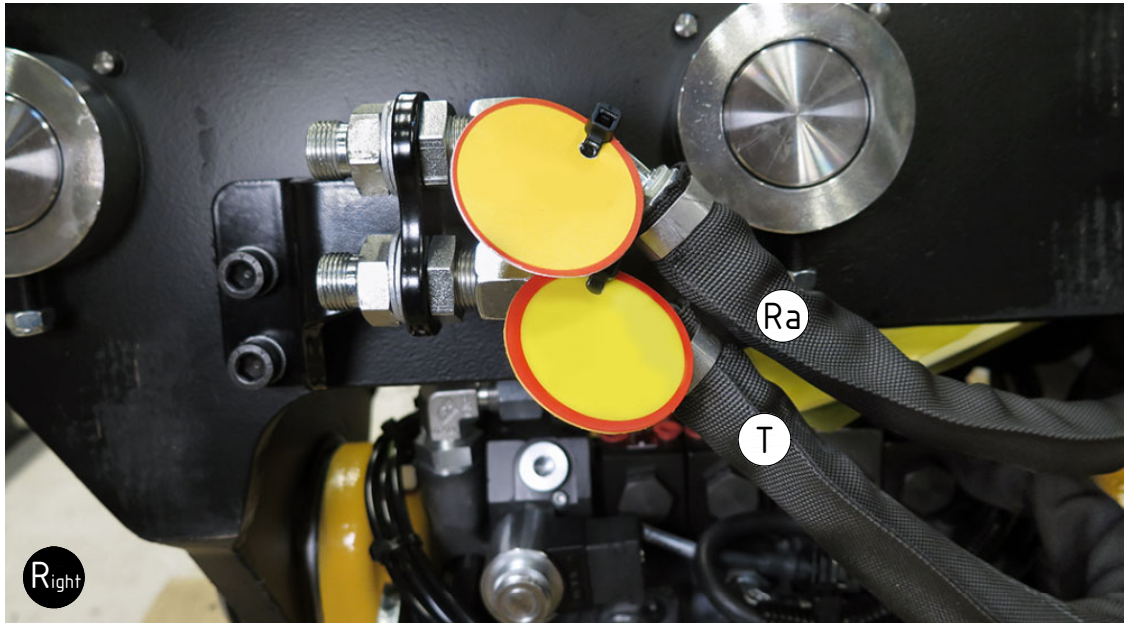
POS	DESCRIPTION	PART	QTY	COMMENTS
	Attach feed hoses from control system / rotator frame			(a & b represents channels on feed block)

POS in order of assembly

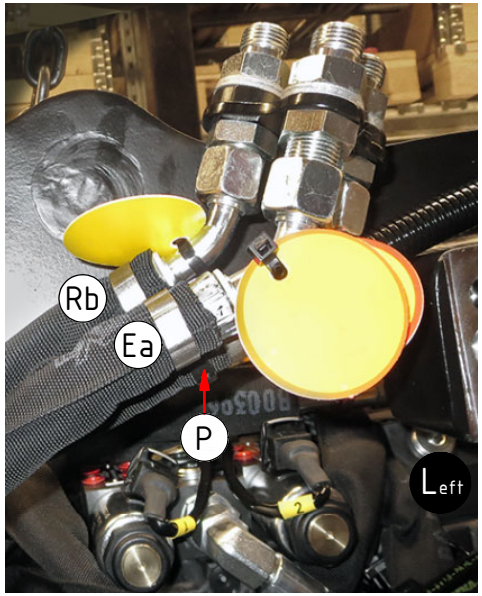
FEED

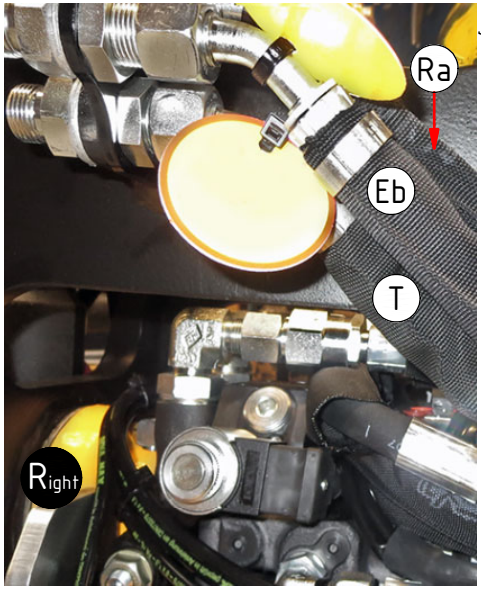
ss9IQ





ss9IQSX:





EC206 - Std Top part components

engcon®

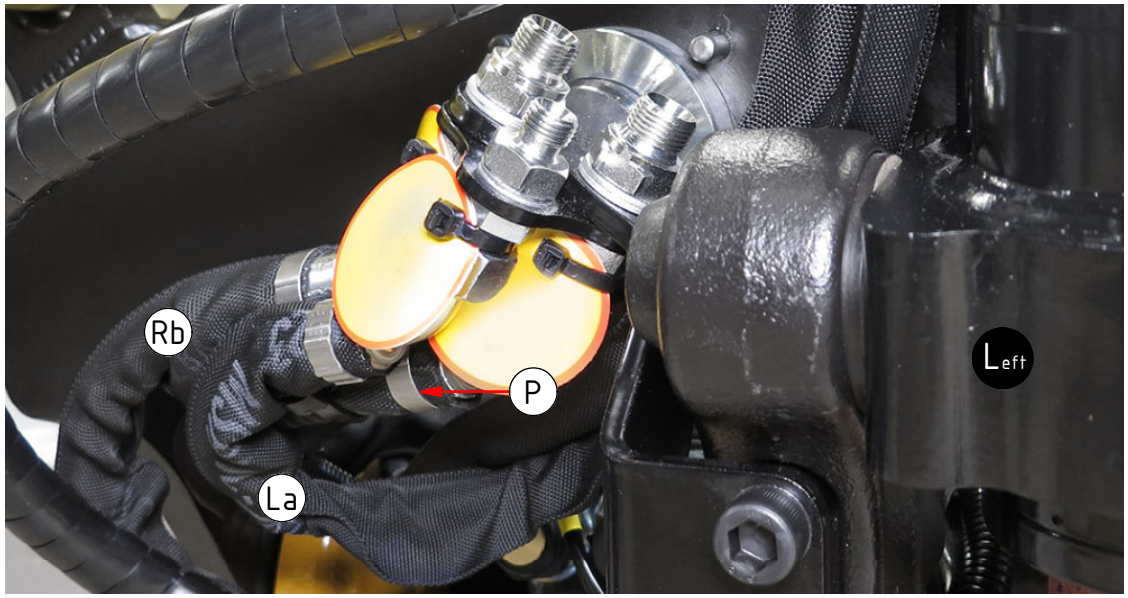
POS	DESCRIPTION	PART	QTY	COMMENTS
	Attach feed hoses from control system / rotator frame / std top part			(a & b represents channels on feed block)

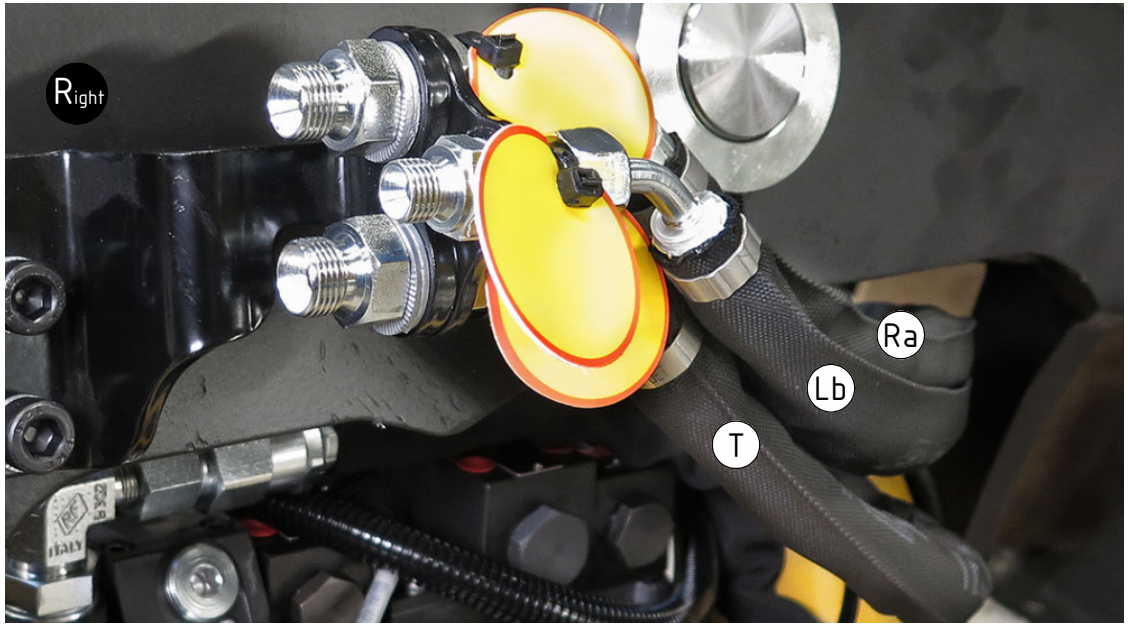
POS in order of assembly

FEED

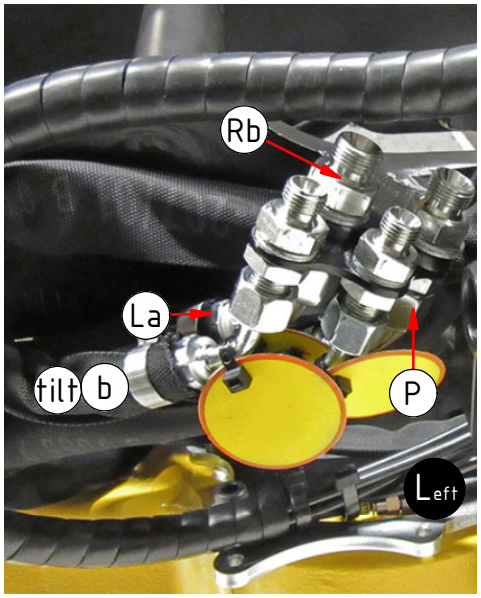
ss9SQ, ss0

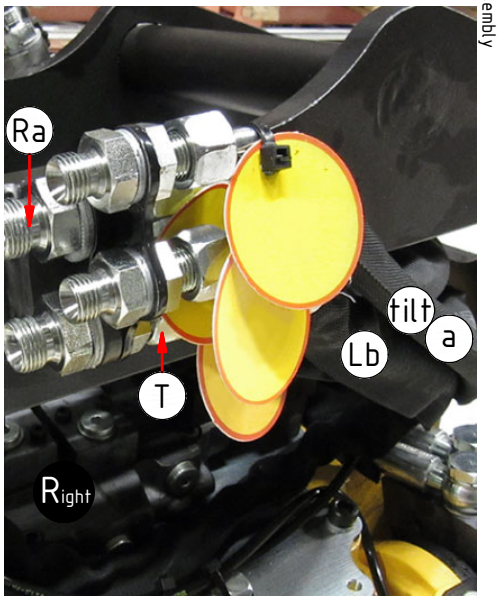
ss9SQ:



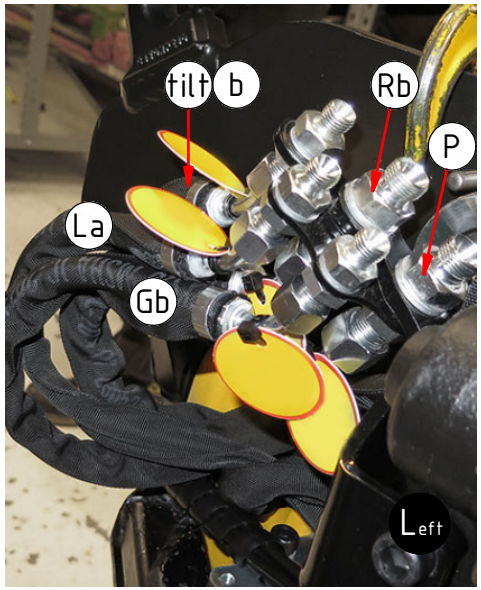


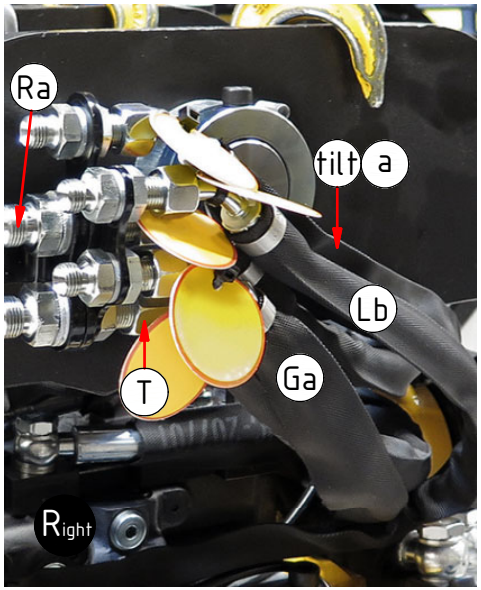
ss0 without Grab:





ss0 with Grab:





Dashed lines for overview, mounts on other pages/assemblies. indicates instruction. represents hose.