EC319 - DC3

COVERSHEET

Planned document changes:

Breifly:

No planned changes.

Document changes:

Date:	Change:	Rev. after change:
2026-10-26	Valve block reference added.	H
2026-08-19	Photos updated.	G
2026-05-08	Pressure sensor updated. Tilt hoses replaced.	F
2025-10-28	Adapters for P updated.	E
2025-01-08	Valve block updated.	D
2024-09-13	Feed hoses corrected.	C
2024-03-01	Photos added. T&P corrected.	B
2024-02-08	Valve block top with o-rings added.	A
2023-05-11	New document.	-

Readers note:

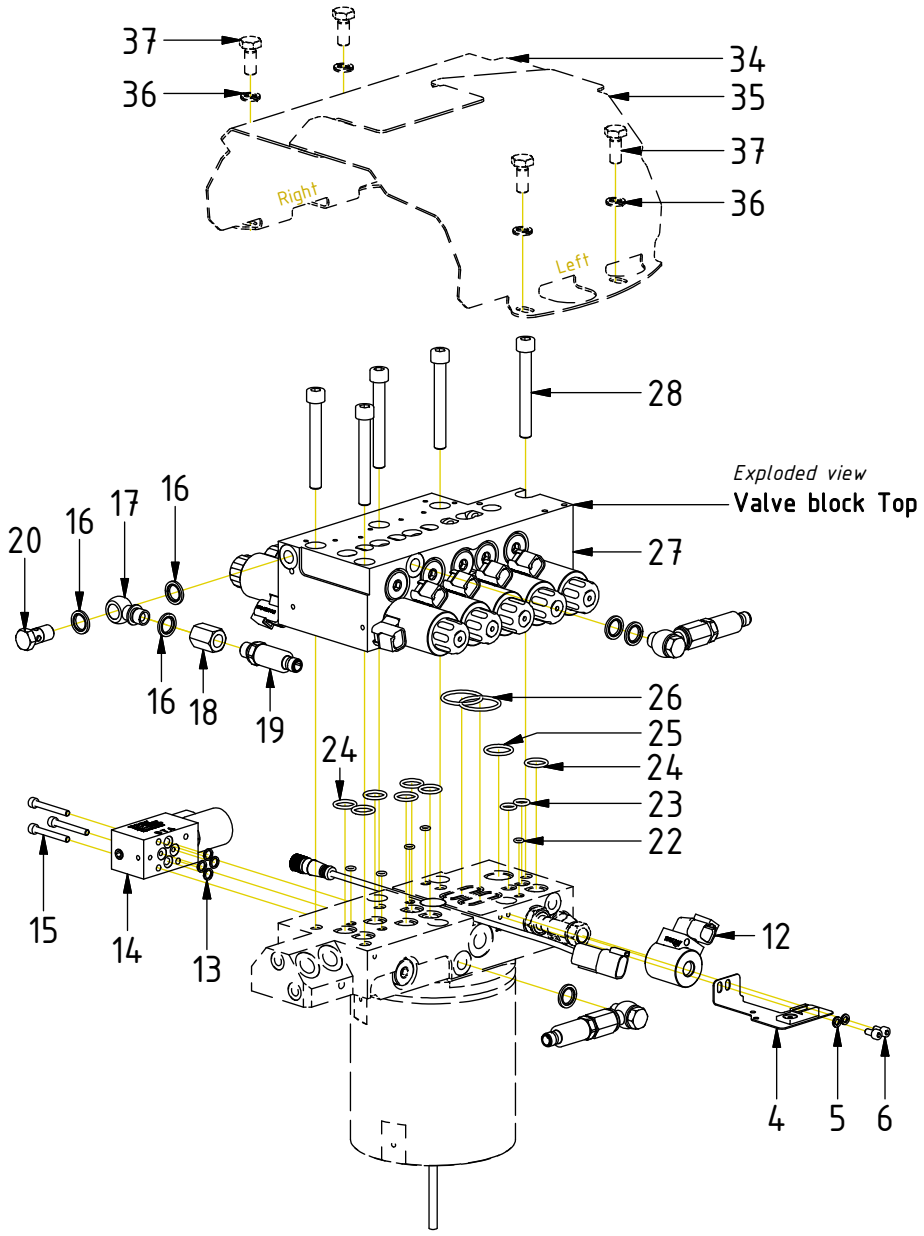
Indicates instruction.

Represents Hose.

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

EC319 - DC3

engcon®



POS	DESCRIPTION	PART	QTY	COMMENTS
4	Mounting plate EC3	1075376	1	
5	Washer NL 5mm	611038	2	
6	Screw MC6S M5x10 12.9	610594	2	
12	Coil S130-24DU-20S	7001925	1	
13	O-ring 7,65x1,78	710960	4	
14	Directional valve NG4 IQS L 24V DT	1042190	1	
15	Screw MC6S M5x40 12.9	610405	3	Torque: 9,7Nm
16	Washer GBR04 1/4	710702	10	
17	Adapter 831-04-04 (1/4")	710149	3	
18	Adapter 6889-04-04	712228	3	
19	Pressure sensor PT5400	7002167	3	Torque: 35Nm
20	Banjo bolt 4451-04 (1/4")	710271	3	
22	O-ring 5,0x2,0	7001770	5	
23	O-ring 9,19x2,62	7001772	2	
24	O-ring 15,54x2,62	7001771	7	
25	O-ring 20,63x2,62	7001774	1	
26	O-ring 31,47x2,62	7001773	2	
27	Valve block top Complete	1083275	1	Must mount after tiltrotator module DC3
28	Screw MC6S M10x80 12.9 ZFSHL	6000394	5	Loxeal 55-02. Torque: 79Nm
34	Protective cover EC319 right	1070619	1	Part of make up
35	Protective cover EC319 left	1070620	1	Part of make up
36	Washer NL 10mm	611041	4	Part of make up
37	Screw M6S M10x25 8,8 FZB	610142	4	Part of make up

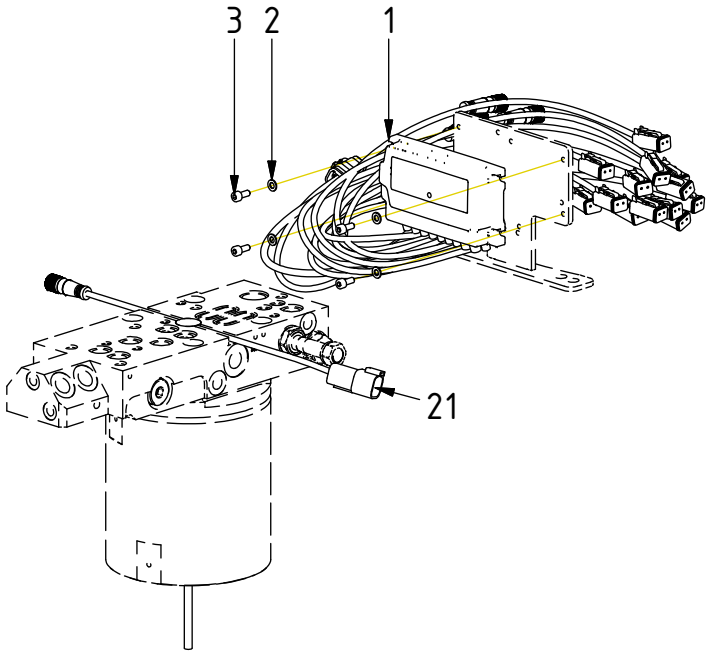
POS in order of assembly

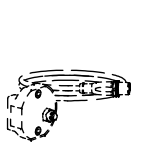
Photos on page 5-7.

Cables

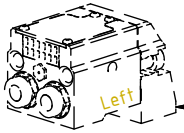
POS	DESCRIPTION	PART	QTY	COMMENTS
1	Tiltrotator module DC3	8001501	1	Must mount before top valve block
2	Washer BRB 5,3x10x1 200 HV FZB	611003	4	
3	Screw MC6S M5x12 12.9	6000077	4	
21	Q-Safe connector			

POS in order of assembly





Exploded view
ePS Sensors

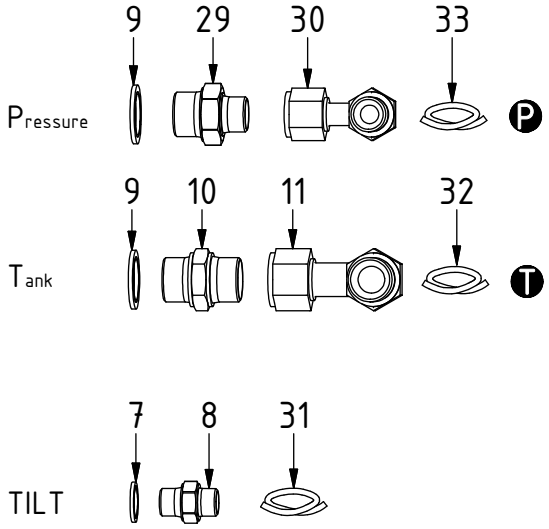


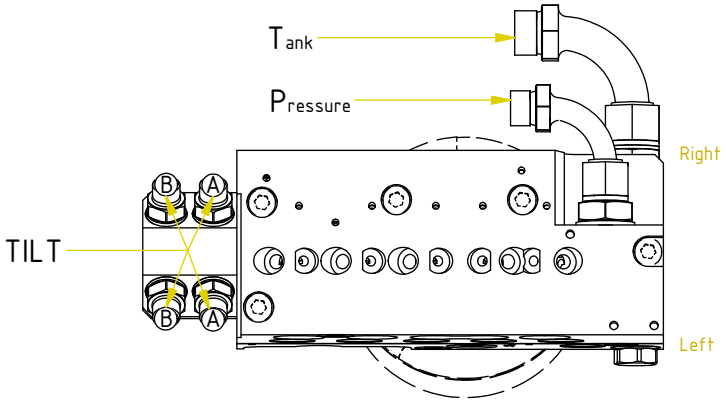
Exploded view
EC-Oil components

Hoses

POS	DESCRIPTION	PART	QTY	COMMENTS
7	Washer GBR06 3/8	710703	4	
8	Adapter 136-06-06 (3/8")	710106	4	
9	Washer GBR12 3/4	710706	2	
10	Adapter 136-12-12 (3/4")	710126	1	
11	Adapter 707-12 90° (3/4")	7001984	1	
29	Adapter 135-08-12 (1/2"-3/4")	710109	1	
30	Adapter 488-08-08 90° (1/2")	712209	1	
31	Hose Tilt	7002162	4	
32	Hose Feed ECO T	7001804	1	
33	Hose Feed ECO P	7001803	1	

POS in order of assembly



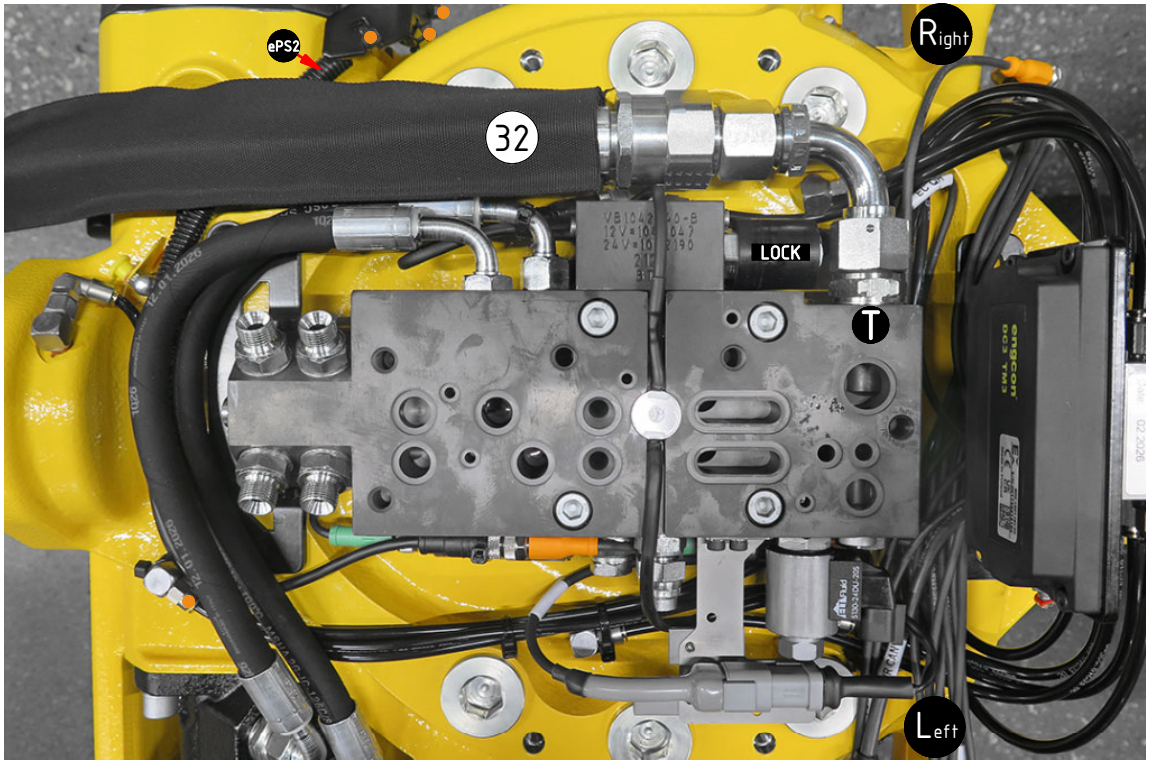


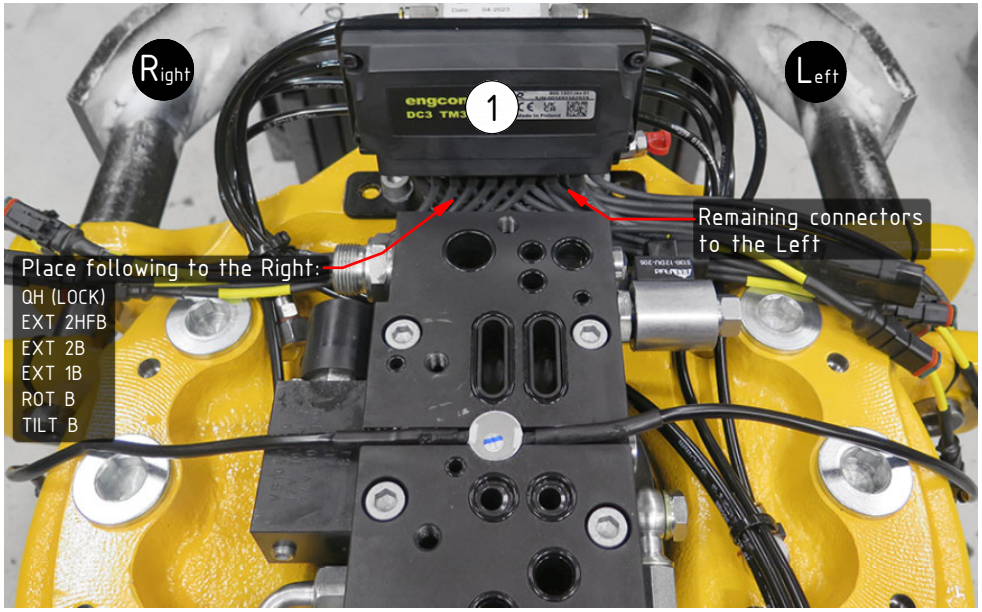
Photos on page 5-6.

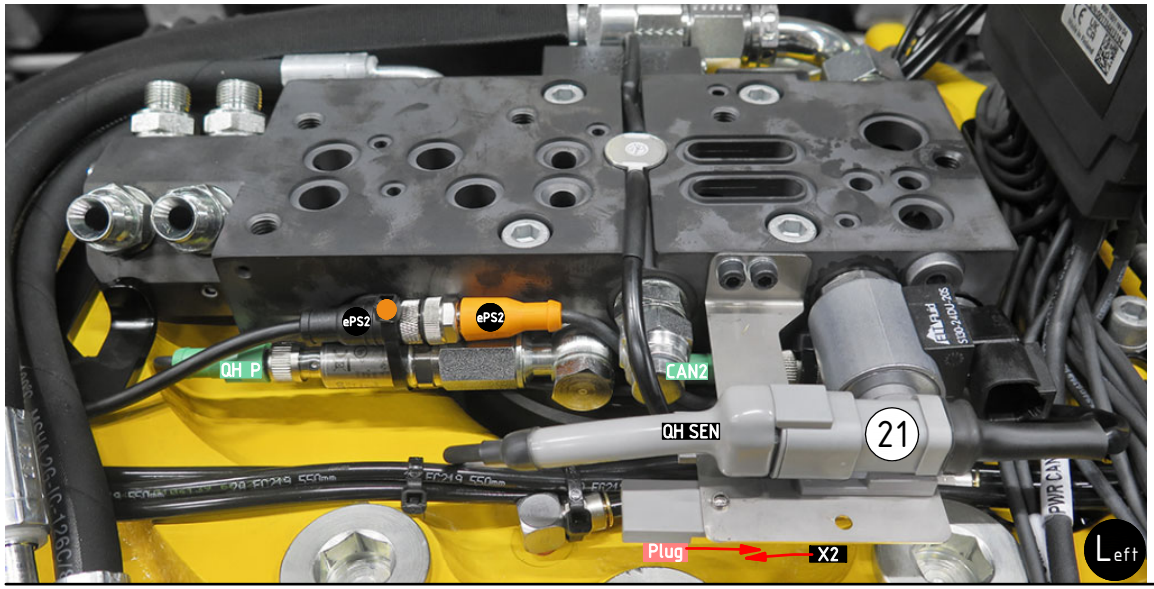
Bottom block assy.

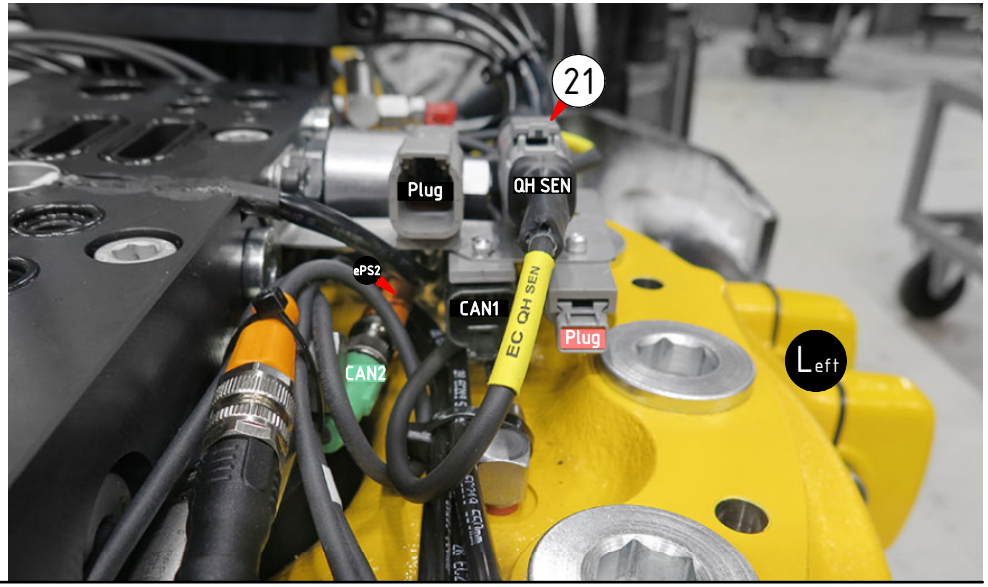
POS	DESCRIPTION	PART	QTY	COMMENTS
1	Tiltrotator module DC3	8001501	1	Must mount before top valve block
21	Q-Safe connector			
32	Hose Feed ECO T	7001804	1	
●	Use cable ties			

POS in order of assembly





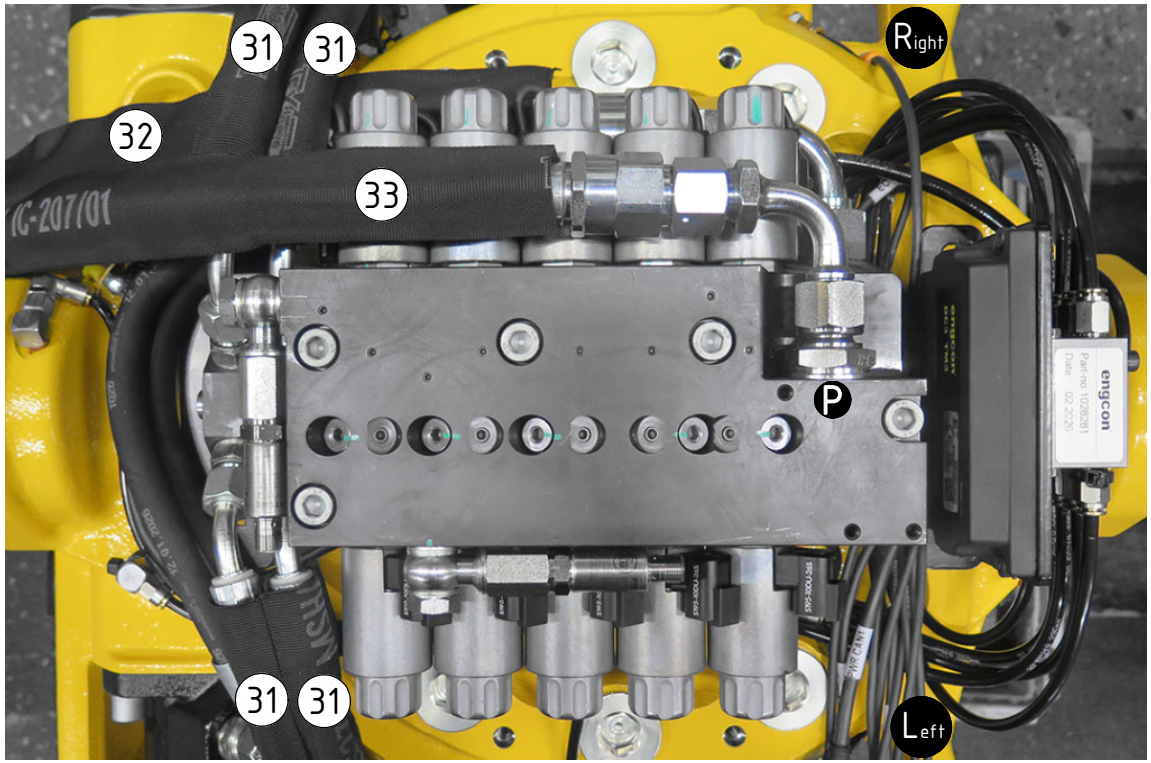


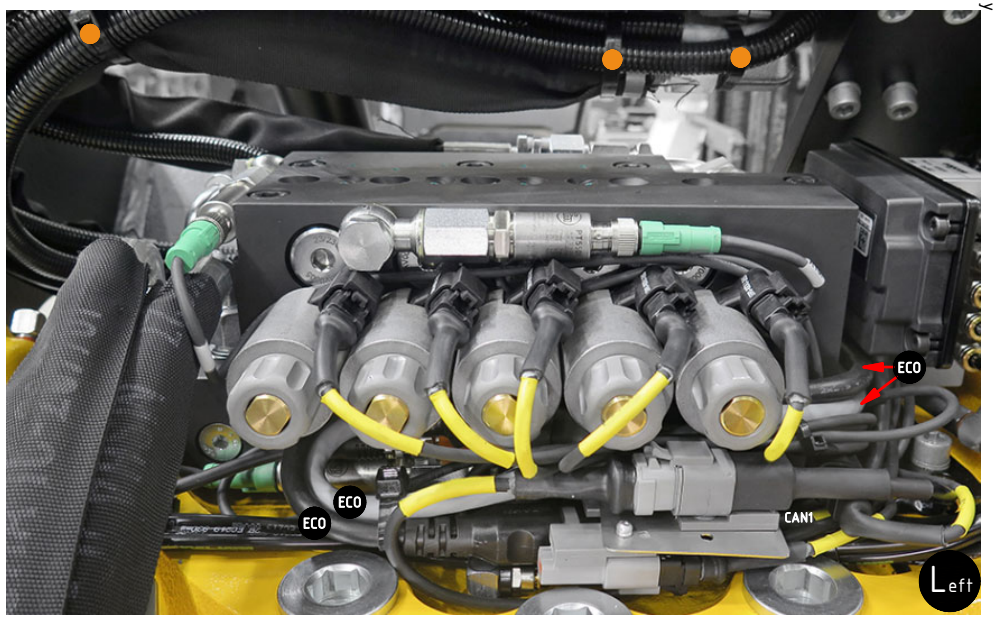


Top block assy.

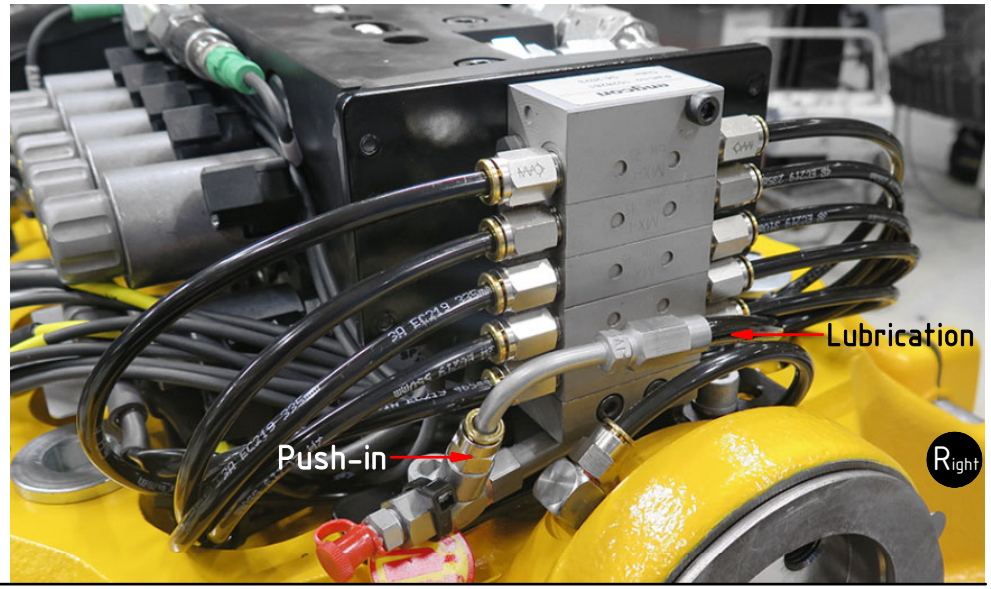
POS	DESCRIPTION	PART	QTY	COMMENTS
1	Tiltrotator module DC3	8001501	1	Must mount before top valve block
31	Hose Tilt	7002162	4	
32	Hose Feed ECO T	7001804	1	
33	Hose Feed ECO P	7001803	1	
●	Use cable ties			

POS in order of assembly





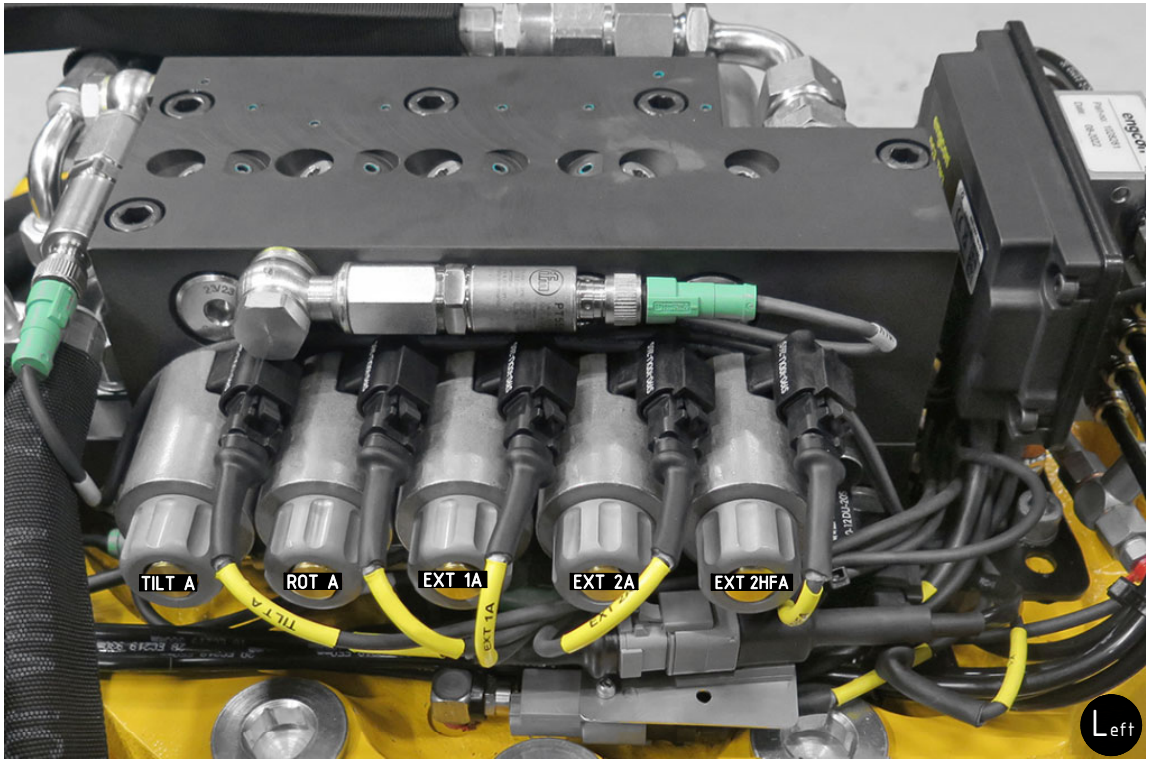


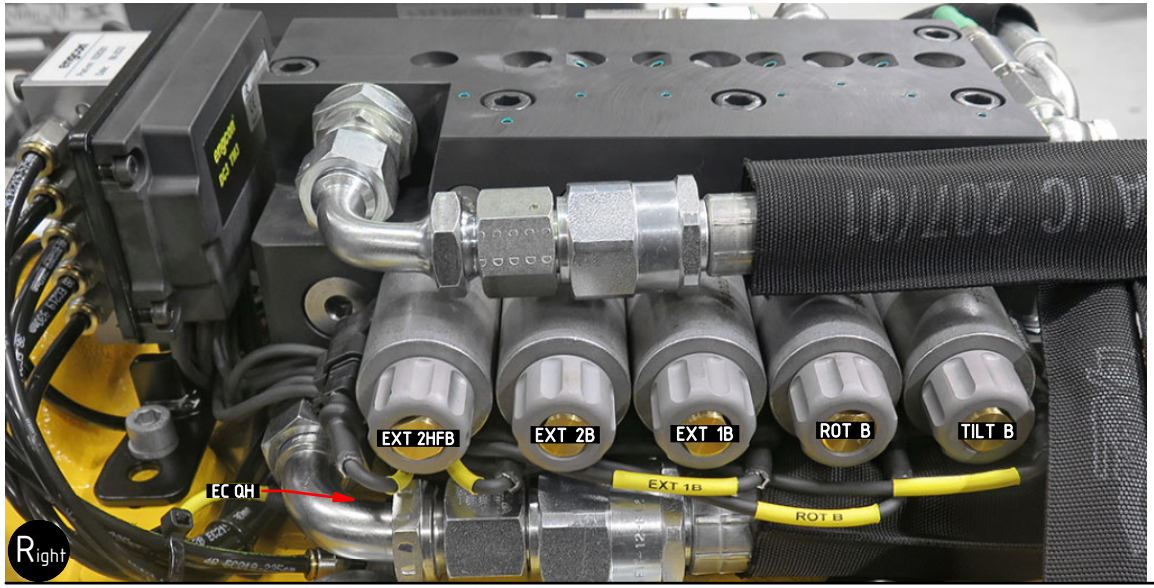


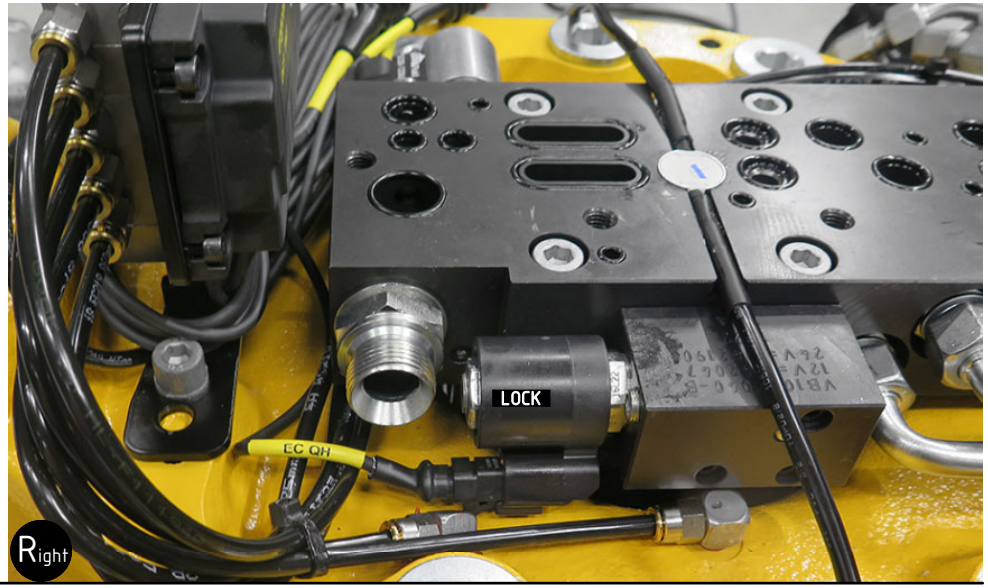
Valves

POS	DESCRIPTION	PART	QTY	COMMENTS
1	Tiltrotator module DC3	8001501	1	Must mount before top valve block

POS in order of assembly







RELATED SPARE PARTS

POS	DESCRIPTION	PART	QTY	COMMENTS
31	Hose Tilt	7002162	4	
40	Hose Tilt	7000027	4	Replaced by POS.31 from 2026-05

POS in order of assembly

Replaced from 2026-05
(Note valve block)

40

