

Top ECO45/50 W

COVERSHEET

Planned document changes:

Breifly:

2025-08-22. Add powerplug 8002101 to DC3, page 2, for EC214. POS.9 is only for EC209B.

2024-09-12. Remove POS.8 from page 2.

Document changes:

Date:	Change:	Rev. after change:
2024-06-18	ss10 (DC2/SVAB) & ss9 ECO blocks updated.	P
2024-03-05	DC3 added.	O
2023-05-04	QSM50 right block power plug added.	N
2023-01-18	New std. configurations from 2023.	M
2022-08-25	Torques added.	L
2021-12-07	Details for block with 3hyd. updated.	K
2021-11-10	Details for block with 3hyd. added.	J
2021-09-29	c.l lengths and adapters updated. Power plugs updated.	I
2021-01-28	Transport protection added.	H
2019-10-28	Adapters for Top bracket QS50 updated.	G
2019-10-04	Adapters for Top bracket updated.	F
2019-03-22	Torques added.	E
2018-12-17	Plugs for Top bracket added.	D
2018-11-09	Layout/irrelevant.	C
2018-07-11	Hose kit updated.	B
2018-06-21	Layout/irrelevant.	A
2018-04-11	New document.	-

Readers note:

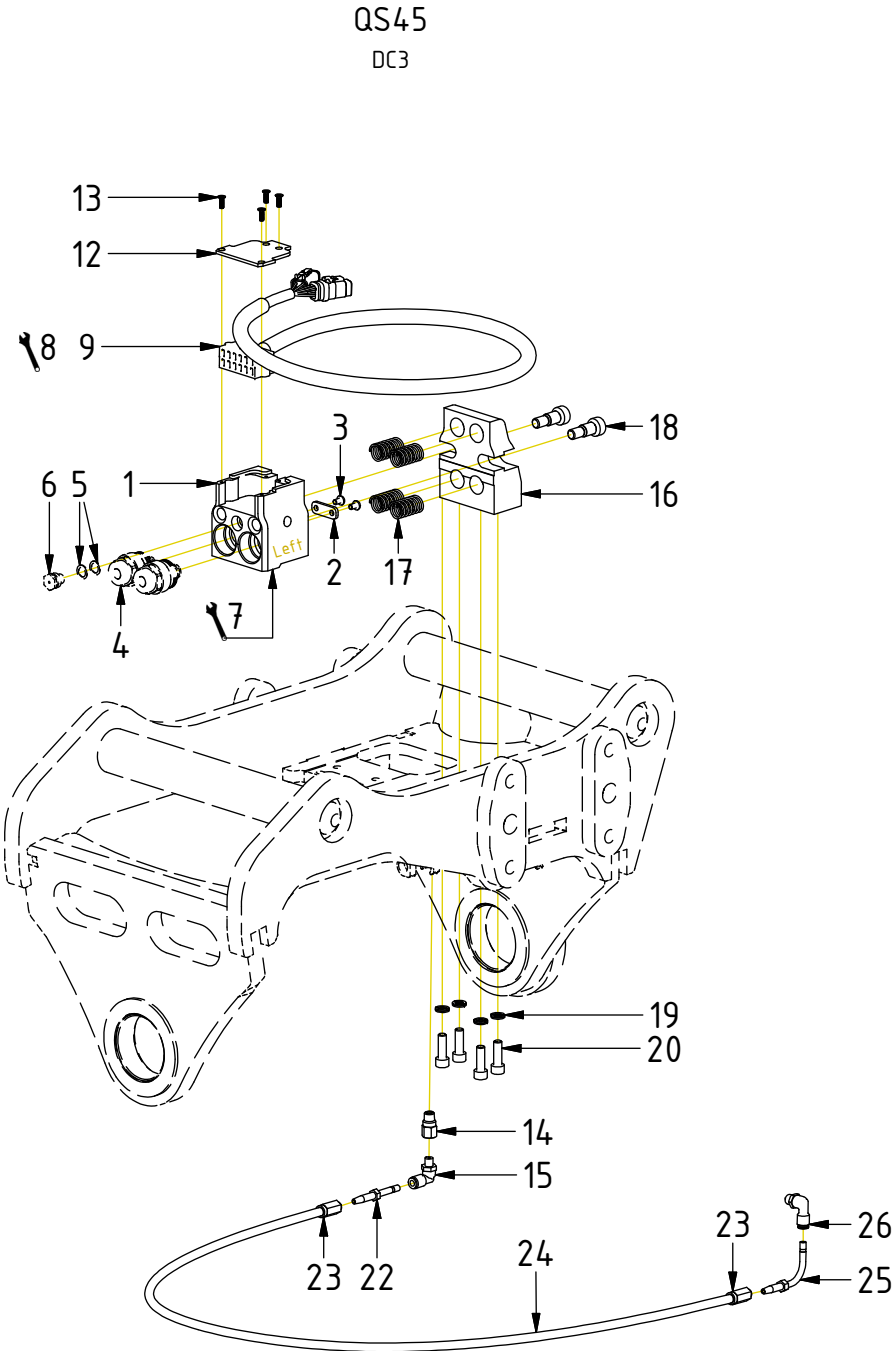


Indicates instruction.



Represents Hose.

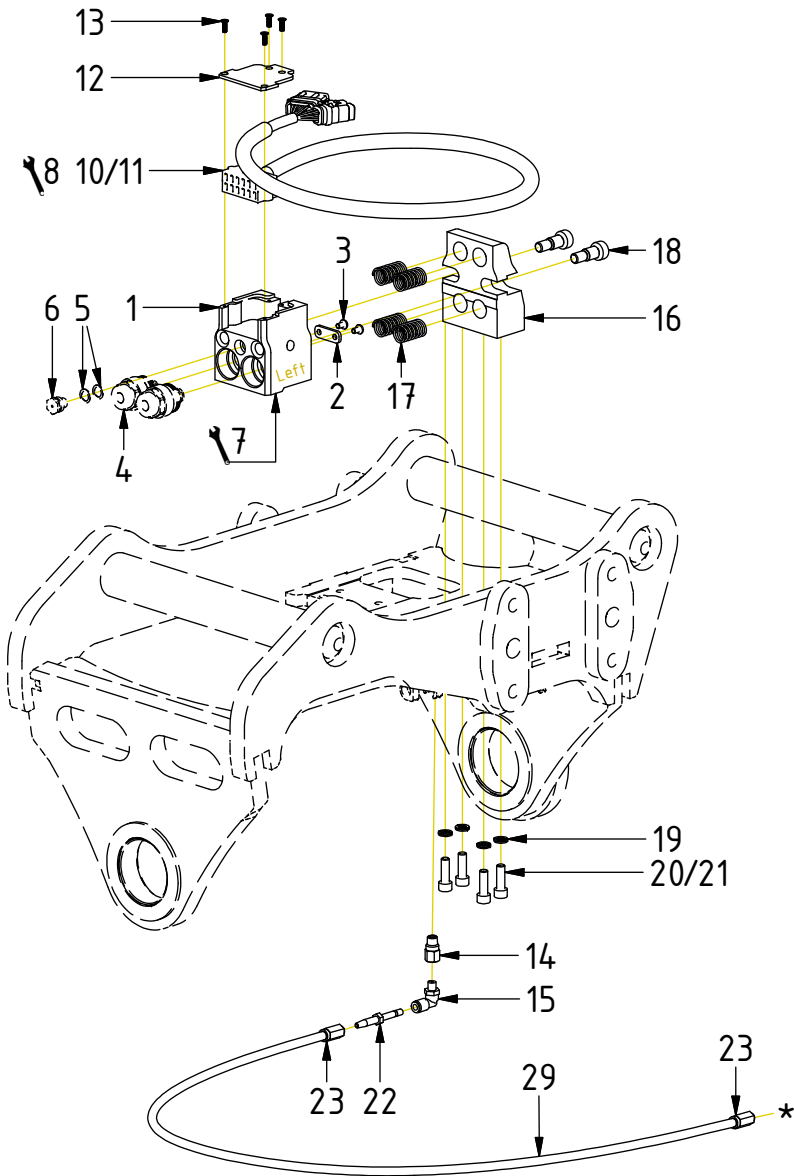
Dashed lines for overview, mounts
on other pages/assemblies.



POS	DESCRIPTION	PART	QTY	COMMENTS
1	Block ECO45W Top 2hy.1cl. Complete	1074024	1	(POS.4-6 incl.)
2	Cable clamp	1074897	1	
3	Screw K6S M5x8 10.9 FZB	611801	2	
4	Coupling ECO45/50 3/8" male	1028873	2	Torque: 60Nm
5	Washer Copper 14x10	6000065	2	
6	Button head fitting 1/8" stainless	810505	1	Loxeal 58-12. Torque: 30Nm
7	Adapters according to Top part			See "Top part"
8	Power plug cable gland torque: 6Nm			
9	Power plug ECO45 W Top (4S, 6S)	8002244	1	
12	Coverplate ECO45 W Top	1041099	1	
13	Screw MKFT 4x12	6000121	4	
14	Extender M8x1-M8x1 18mm	7000688	1	Loxeal 58-12
15	Push-in swivel 90° M8x1	790173	1	Loxeal 58-12
16	Attachment block ECO45 W Top	1041097	1	
17	Spring 18x35	1024794	4	
18	Shoulder bolt Ø12x16/M10	611708	2	Loxeal 83-52
19	Washer NL 8mm	611040	4	
20	Screw MC6S M8x25 12.9 ZFSHL	6000143	4	Torque: 40Nm
22	Pipe stub straight Push-in	790175	1	
23	Screw socket HT-hose	7000585	2	
24	Grease hose bulk 100m	7001303	1	EC209B: 845mm
25	Pipe stub 90° Push-in	7000318	1	
26	Adapter 90° Push-in - R1/8"	790184	1	Loxeal 58-12
56	Transport Protection ECO-Block	1035199	1	Part of make up

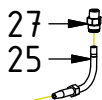
POS in order of assembly

QS45/50
DC2 Std. config.

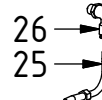


POS	DESCRIPTION	PART	QTY	COMMENTS
1	Block ECO45W Top 2hy.1cl. Complete	1074024	1	(POS.4-6 incl.)
2	Cable clamp	1074897	1	
3	Screw K6S M5x8 10.9 FZB	611801	2	
4	Coupling ECO45/50 3/8" male	1028873	2	Torque: 60Nm
5	Washer Copper 14x10	6000065	2	
6	Button head fitting 1/8" stainless	810505	1	Loxreal 58-12. Torque: 30Nm
7	Adapters according to Top part			See "Top part"
8	Power plug cable gland torque: 6Nm			
10	Power Plug ECO W - ECHF, QSM	8001089	1	For EC214, EC209B
11	Power Plug ECO W	1042241	1	For EC206, EC209, Top bracket
12	Coverplate ECO45 W Top	1041099	1	
13	Screw MKFT 4x12	6000121	4	
14	Extender M8x1-M8x1 18mm	7000688	1	Loxreal 58-12
15	Push-in swivel 90° M8x1	790173	1	Loxreal 58-12
16	Attachment block ECO45 W Top	1041097	1	
17	Spring 18x35	1024794	4	
18	Shoulder bolt ø12x16/M10	611708	2	Loxreal 83-52
19	Washer NL 8mm	611040	4	
20	Screw MC6S M8x25 12.9 ZFSHL	6000143	4	Torque: 40Nm
21	K6S 8x25 10.9 untreated	611814	4	For EC209 (6-ch). Torque: 34Nm
22	Pipe stub straight Push-in	790175	1	
23	Screw socket HT-hose	7000585	2	
25	Pipe stub 90° Push-in	7000318	1	
26	Adapter 90° Push-in - R1/8"	790184	1	Loxreal 58-12
27	Push-in R1/8"	790172	1	Loxreal 58-12
28	Extender 25/17mm KR1/8"-R1/8"	7000578	1	Loxreal 58-12
29	Grease hose bulk 100m	7001303	1	EC214: 1075mm EC209B: 845mm. EC209: 750mm EC206: 385mm
56	Transport Protection ECO-Block	1035199	1	Part of make up

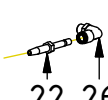
*EC214:



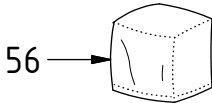
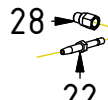
*EC209B:

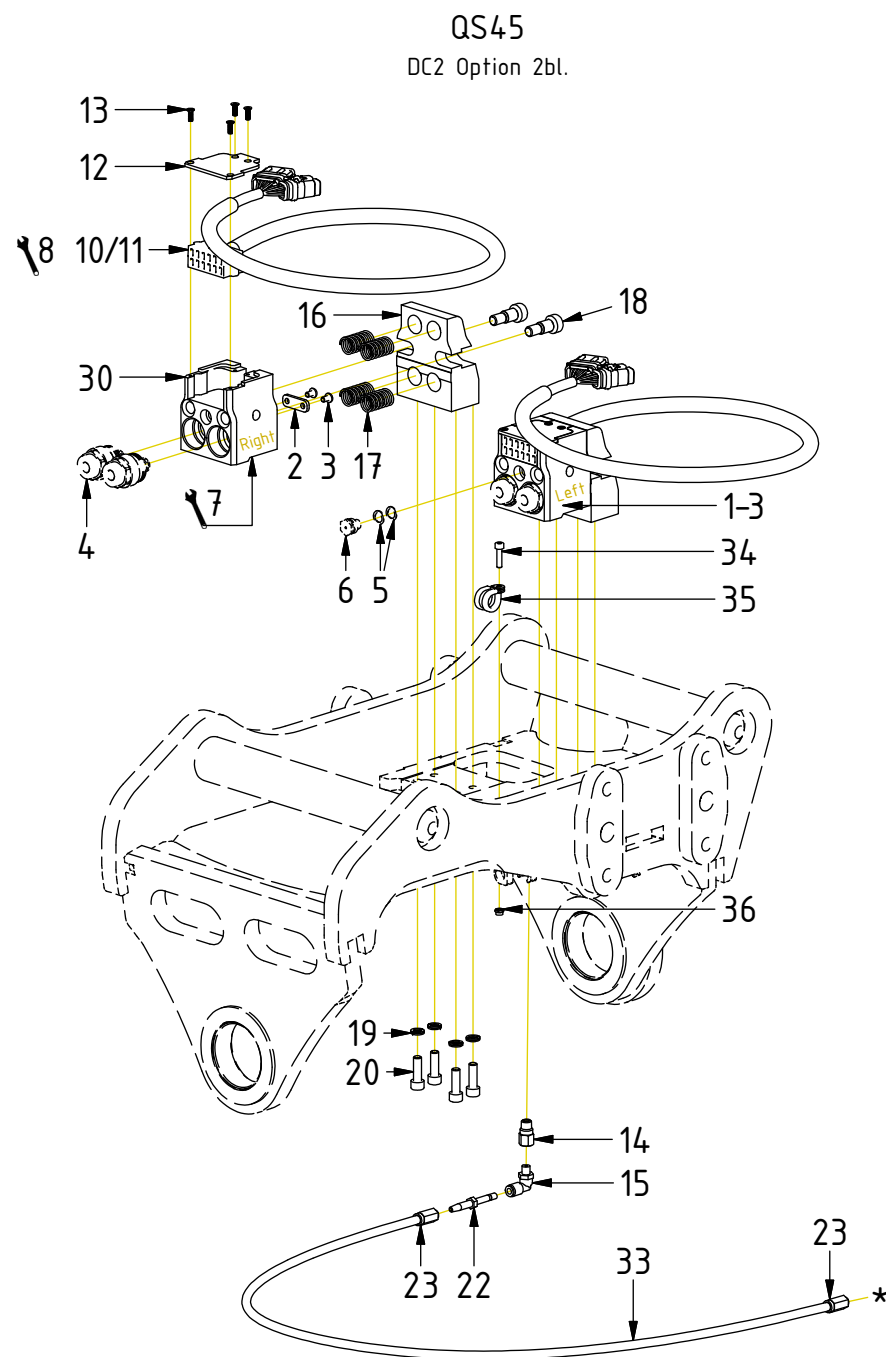


*EC209:



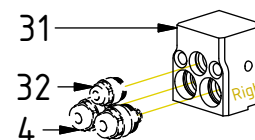
*EC206:



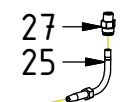


POS	DESCRIPTION	PART	QTY	COMMENTS
1	Block ECO45W Top 2hy.1cl. Complete	1074024	1	(POS.4-6 incl.)
2	Cable clamp	1074897	1	
3	Screw K6S M5x8 10.9 FZB	611801	2	
4	Coupling ECO45/50 3/8" male	1028873	2	Torque: 60Nm
5	Washer Copper 14x10	6000065	2	
6	Button head fitting 1/8" stainless	810505	1	Loxal 58-12. Torque: 30Nm
7	Adapters according to Top part			See "Top part"
8	Power plug cable gland torque: 6Nm			
10	Power Plug ECO W - ECHF, QSM	8001089	1	For EC214, EC209B
11	Power Plug ECO W	1042241	1	For EC206, EC209, Top bracket
12	Coverplate ECO45 W Top	1041099	1	
13	Screw MKFT 4x12	6000121	4	
14	Extender M8x1-M8x1 18mm	7000688	1	Loxal 58-12
15	Push-in swivel 90° M8x1	790173	1	Loxal 58-12
16	Attachment block ECO45 W Top	1041097	1	
17	Spring 18x35	1024794	4	
18	Shoulder bolt Ø12x16/M10	611708	2	Loxal 83-52
19	Washer NL 8mm	611040	4	
20	Screw MC6S M8x25 12.9 ZFSL	6000143	4	Torque: 40Nm
22	Pipe stub straight Push-in	790175	1	
23	Screw socket HT-hose	7000585	2	
25	Pipe stub 90° Push-in	7000318	1	
26	Adapter 90° Push-in - R1/8"	790184	1	Loxal 58-12
27	Push-in R1/8"	790172	1	Loxal 58-12
28	Extender 25/17mm KR1/8"-R1/8"	7000578	1	Loxal 58-12
30	Block ECO45/50W Top 2hy. Complete	1076514	1	(POS.4 incl.)
31	Block ECO45 W Top 3hy. Complete	1054418	1	(POS.4, 33 incl.)
32	Coupling ECO 1/4" male	1053693	1	
33	Grease hose bulk 100m	7001303	1	EC214: 1075mm, EC209B: 845mm EC206: 385mm
34	Screw MC6S M5x20 12.9	610400	1	
35	Rubber steel clamp Ø16	6000009	1	Face downwards
36	Lock Nut M6M M5x0,8 8,8 FZB	610920	1	
56	Transport Protection ECO-Block	1035199	1	Part of make up

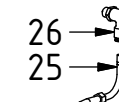
Option 5 hyd:



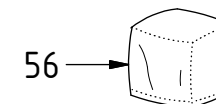
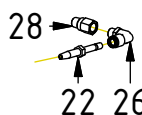
*EC214:

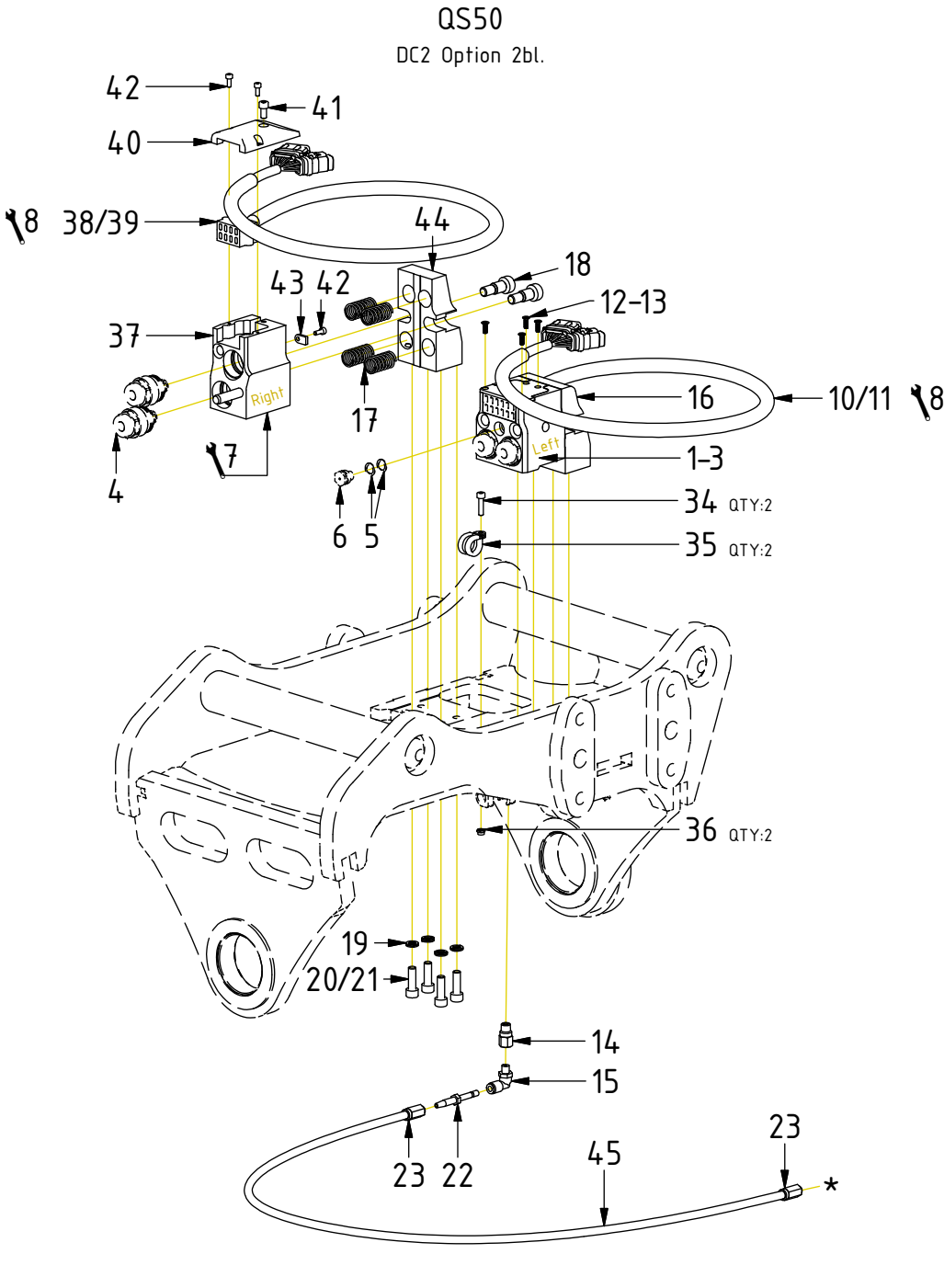


*EC209B:

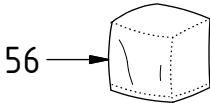
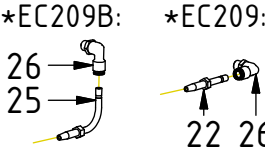


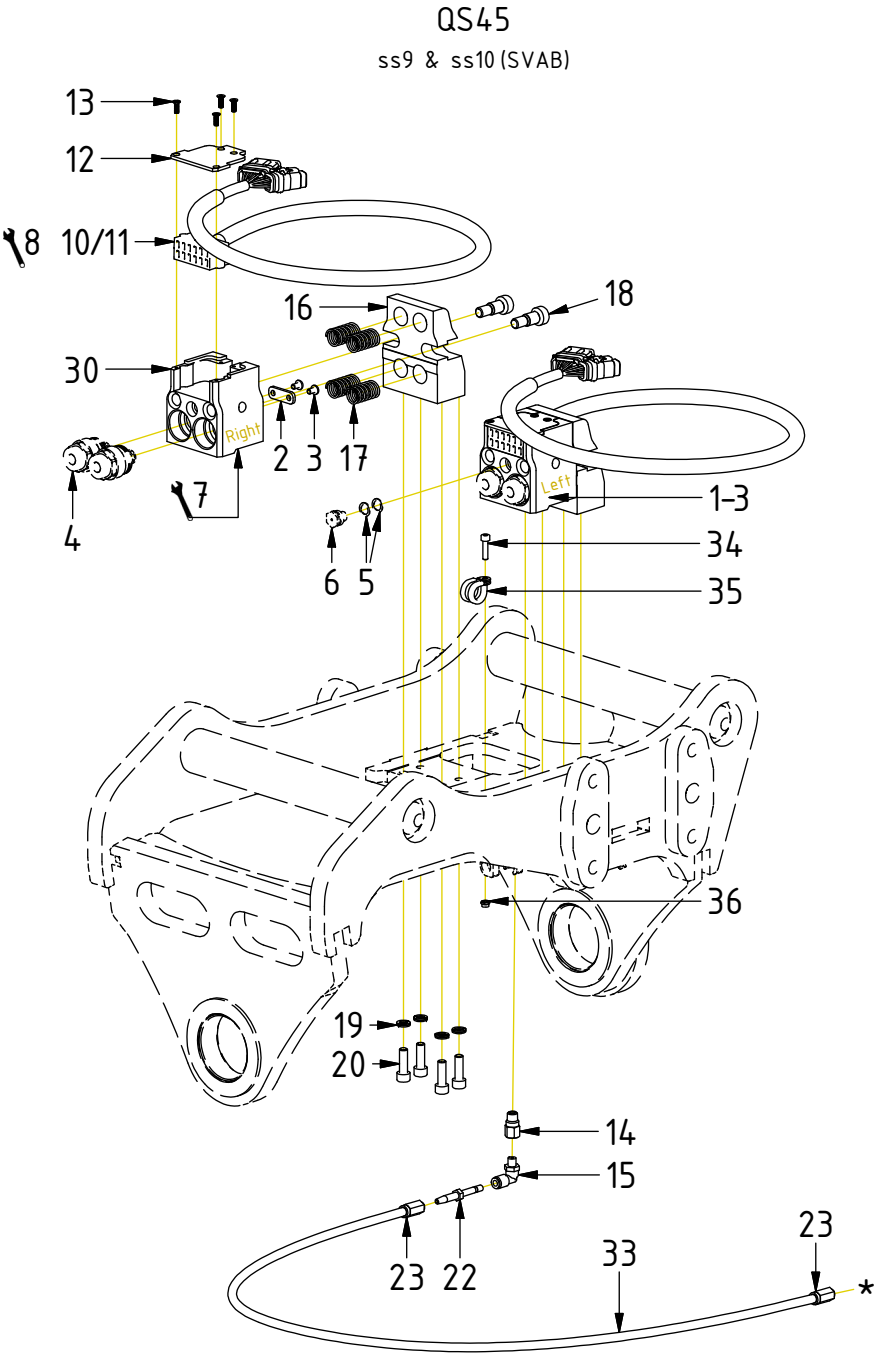
*EC206:





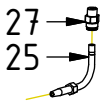
POS	DESCRIPTION	PART	QTY	COMMENTS
1	Block ECO45W Top 2hy.1cl. Complete	1074024	1	(POS.4-6 incl.)
2	Cable clamp	1074897	1	
3	Screw K6S M5x8 10.9 FZB	611801	2	
4	Coupling ECO45/50 3/8" male	1028873	2	Torque: 60Nm
5	Washer Copper 14x10	6000065	2	
6	Button head fitting 1/8" stainless	810505	1	Loxear 58-12. Torque: 30Nm
7	Adapters according to Top part			See "Top part"
8	Power plug cable gland torque: 6Nm			
10	Power Plug ECO W - ECHF, QSM	8001089	1	For EC214, EC209B
11	Power Plug ECO W	1042241	1	For EC206, EC209, Top bracket
12	Coverplate ECO45 W Top	1041099	1	
13	Screw MKFT 4x12	6000121	4	
14	Extender M8x1-M8x1 18mm	7000688	1	Loxear 58-12
15	Push-in swivel 90° M8x1	790173	1	Loxear 58-12
16	Attachment block ECO45 W Top	1041097	1	
17	Spring 18x35	1024794	4	
18	Shoulder bolt ø12x16/M10	611708	2	Loxear 83-52
19	Washer NL 8mm	611040	4	
20	Screw MC6S M8x25 12.9 ZFSHL	6000143	4	Torque: 40Nm
21	K6S 8x25 10.9 untreated	611814	4	For EC209 (6-ch). Torque: 34Nm
22	Pipe stub straight Push-in	790175	1	
23	Screw socket HT-hose	7000585	2	
25	Pipe stub 90° Push-in	7000318	1	
26	Adapter 90° Push-in - R1/8"	790184	1	Loxear 58-12
34	Screw MC6S M5x20 12.9	610400	1	
35	Rubber steel clamp ø16	6000009	1	Face downwards
36	Lock Nut M6M M5x0,8 8,8 FZB	610920	1	
37	Block ECO50 W Top 2hy. Complete	1048074	1	(POS.4 incl.)
38	Power Plug ECO50 W - QSM w. 1x DTM042P	8002006	1	For EC209B
39	Power Plug ECO50 W	1045168	1	
40	Coverplate ECO50 W Top	1041646	1	
41	Screw MC6S M6x12 12.9	610412	1	Loxear 55-02
42	Screw MC6S M4x10 8,8 FZB	610523	3	Loxear 55-02
43	Clamping washer	1045180	1	
44	Supportblock ECO50 W right	1041645	1	
45	Grease hose bulk 100m	7001303	1	EC209B: 845mm. EC209: 750mm
56	Transport Protection ECO-Block	1035199	1	Part of make up



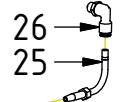


POS	DESCRIPTION	PART	QTY	COMMENTS
1	Block ECO45W Top 2hy.1cl. Complete	1074024	1	(POS.4-6 incl.)
2	Cable clamp	1074897	1	
3	Screw K6S M5x8 10.9 FZB	611801	2	
4	Coupling ECO45/50 3/8" male	1028873	2	Torque: 60Nm
5	Washer Copper 14x10	6000065	2	
6	Button head fitting 1/8" stainless	810505	1	Loxear 58-12. Torque: 30Nm
7	Adapters according to Top part			See "Top part"
8	Power plug cable gland torque: 6Nm			
10	Power Plug ECO W - ECHF, QSM	8001089	1	For EC214, EC209B
11	Power Plug ECO W	1042241	1	For EC206, EC209, Top bracket
12	Coverplate ECO45 W Top	1041099	1	
13	Screw MKFT 4x12	6000121	4	
14	Extender M8x1-M8x1 18mm	7000688	1	Loxear 58-12
15	Push-in swivel 90° M8x1	790173	1	Loxear 58-12
16	Attachment block ECO45 W Top	1041097	1	
17	Spring 18x35	1024794	4	
18	Shoulder bolt ø12x16/M10	611708	2	Loxear 83-52
19	Washer NL 8mm	611040	4	
20	Screw MC6S M8x25 12.9 ZFSL	6000143	4	Torque: 40Nm
22	Pipe stub straight Push-in	790175	1	
23	Screw socket HT-hose	7000585	2	
25	Pipe stub 90° Push-in	7000318	1	
26	Adapter 90° Push-in - R1/8"	790184	1	Loxear 58-12
27	Push-in R1/8"	790172	1	Loxear 58-12
28	Extender 25/17mm KR1/8"-R1/8"	7000578	1	Loxear 58-12
30	Block ECO45/50W Top 2hy. Complete	1076514	1	(POS.4 incl.)
33	Grease hose bulk 100m	7001303	1	EC214: 1075mm, EC209B: 845mm EC206: 385mm
34	Screw MC6S M5x20 12.9	610400	1	
35	Rubber steel clamp ø16	6000009	1	Face downwards
36	Lock Nut M6M M5x0,8 8,8 FZB	610920	1	
56	Transport Protection ECO-Block	1035199	1	Part of make up

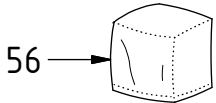
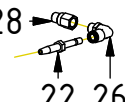
*EC214:

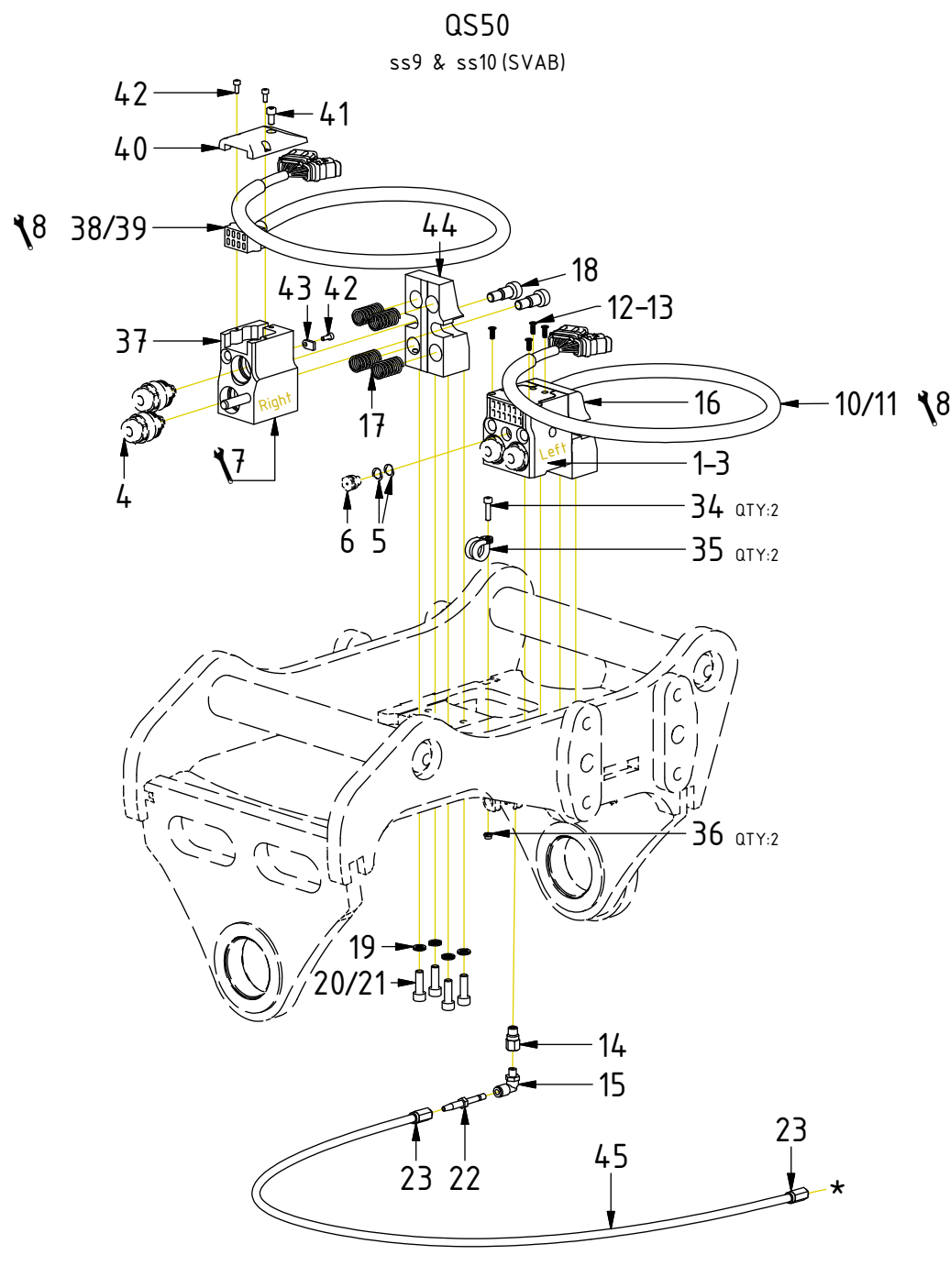


*EC209B:



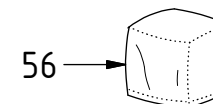
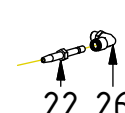
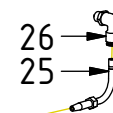
*EC206:



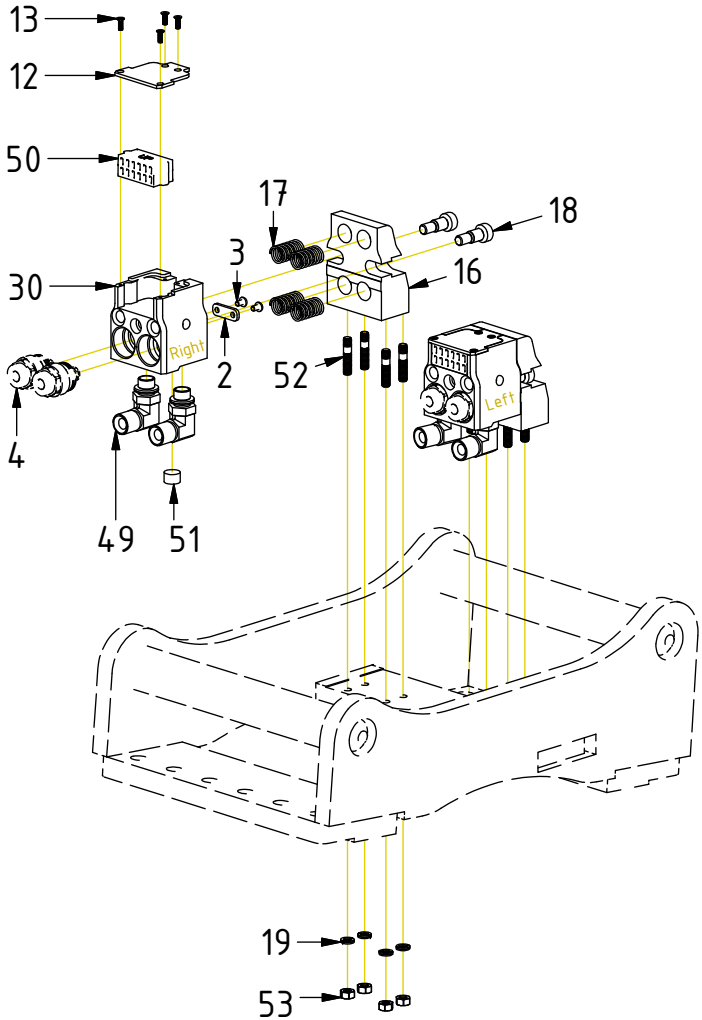


POS	DESCRIPTION	PART	QTY	COMMENTS
1	Block ECO45W Top 2hy.1cl. Complete	1074024	1	(POS.4-6 incl.)
2	Cable clamp	1074897	1	
3	Screw K6S M5x8 10.9 FZB	611801	2	
4	Coupling ECO45/50 3/8" male	1028873	2	Torque: 60Nm
5	Washer Copper 14x10	6000065	2	
6	Button head fitting 1/8" stainless	810505	1	Loxal 58-12. Torque: 30Nm
7	Adapters according to Top part			See "Top part"
8	Power plug cable gland torque: 6Nm			
10	Power Plug ECO W - ECHF, QSM	8001089	1	For EC214, EC209B
11	Power Plug ECO W	1042241	1	For EC206, EC209, Top bracket
12	Coverplate ECO45 W Top	1041099	1	
13	Screw MKFT 4x12	6000121	4	
14	Extender M8x1-M8x1 18mm	7000688	1	Loxal 58-12
15	Push-in swivel 90° M8x1	790173	1	Loxal 58-12
16	Attachment block ECO45 W Top	1041097	1	
17	Spring 18x35	1024794	4	
18	Shoulder bolt $\varnothing$ 12x16/M10	611708	2	Loxal 83-52
19	Washer NL 8mm	611040	4	
20	Screw MC6S M8x25 12.9 ZFSHL	6000143	4	Torque: 40Nm
21	K6S 8x25 10.9 untreated	611814	4	For EC209 (6-ch). Torque: 34Nm
22	Pipe stub straight Push-in	790175	1	
23	Screw socket HT-hose	7000585	2	
25	Pipe stub 90° Push-in	7000318	1	
26	Adapter 90° Push-in - R1/8"	790184	1	Loxal 58-12
34	Screw MC6S M5x20 12.9	610400	1	
35	Rubber steel clamp $\varnothing$ 16	6000009	1	Face downwards
36	Lock Nut M6M M5x0,8 8,8 FZB	610920	1	
37	Block ECO50 W Top 2hy. Complete	1048074	1	(POS.4 incl.)
38	Power Plug ECO50 W - QSM w. 1x DTM042P	8002006	1	For EC209B
39	Power Plug ECO50 W	1045168	1	
40	Coverplate ECO50 W Top	1041646	1	
41	Screw MC6S M6x12 12.9	610412	1	Loxal 55-02
42	Screw MC6S M4x10 8,8 FZB	610523	3	Loxal 55-02
43	Clamping washer	1045180	1	
44	Supportblock ECO50 W right	1041645	1	
45	Grease hose bulk 100m	7001303	1	EC209B: 845mm. EC209: 750mm
56	Transport Protection ECO-Block	1035199	1	Part of make up

*EC209B: *EC209:

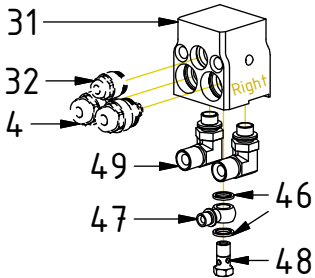


Top bracket QS45
Modular config.

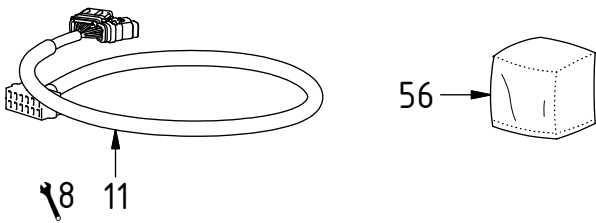


POS	DESCRIPTION	PART	QTY	COMMENTS
2	Cable clamp	1074897	1	
3	Screw K6S M5x8 10.9 FZB	611801	2	
4	Coupling ECO45/50 3/8" male	1028873	2	Torque: 60Nm
5	Washer Copper 14x10	6000065	2	
6	Button head fitting 1/8" stainless	810505	1	Loxeal 58-12. Torque: 30Nm
8	Power plug cable gland torque: 6Nm			
11	Power Plug ECO W	1042241	1	For EC206, EC209, Top bracket
12	Coverplate ECO45 W Top	1041099	1	
13	Screw MKFT 4x12	6000121	4	
16	Attachment block ECO45 W Top	1041097	1	
17	Spring 18x35	1024794	4	
18	Shoulder bolt $\varnothing$ 12x16/M10	611708	2	Loxeal 83-52
19	Washer NL 8mm	611040	4	
30	Block ECO45/50W Top 2hy. Complete	1076514	1	(POS.4 incl.)
31	Block ECO45 W Top 3hy. Complete	1054418	1	(POS.4, 33 incl.)
32	Coupling ECO 1/4" male	1053693	1	
46	Washer GBR04 1/4	710702	2	
47	Adapter 831-04-04 (1/4")	710149	1	
48	Banjo bolt 4451-04 (1/4")	710271	1	
49	Adapter 401-08-06 90° (1/2"-3/8")	7000233	2	
50	Plug ECO W - Top	1042918	1	
51	Pipe plug DIN 906 M16x1,5	711529	1	
52	Stud bolt 8x30	611185	4	
53	Nut steel m8	611187	4	
56	Transport Protection ECO-Block	1035199	1	Part of make up

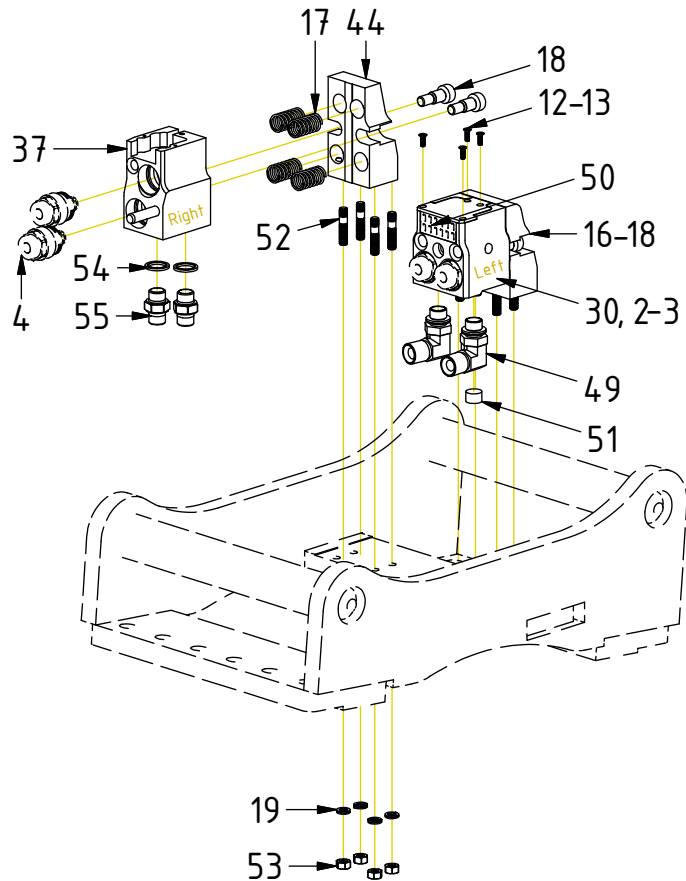
Option 5 hyd:



Option 1 el:

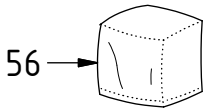
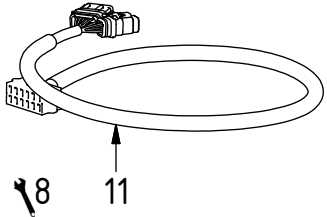


Top bracket QS50
Modular config.



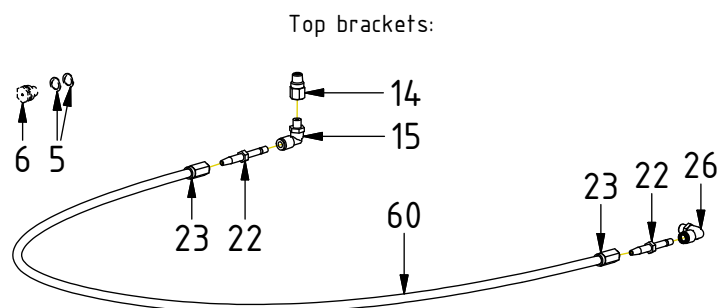
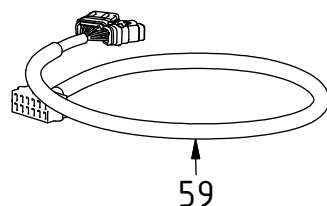
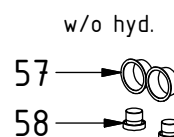
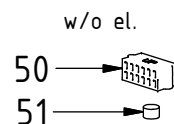
POS	DESCRIPTION	PART	QTY	COMMENTS
2	Cable clamp	1074897	1	
3	Screw K6S M5x8 10.9 FZB	611801	2	
4	Coupling ECO45/50 3/8" male	1028873	2	Torque: 60Nm
5	Washer Copper 14x10	6000065	2	
6	Button head fitting 1/8" stainless	810505	1	Loxeal 58-12. Torque: 30Nm
8	Power plug cable gland torque: 6Nm			
11	Power Plug ECO W	1042241	1	For EC206, EC209, Top bracket
12	Coverplate ECO45 W Top	1041099	1	
13	Screw MKFT 4x12	6000121	4	
16	Attachment block ECO45 W Top	1041097	1	
17	Spring 18x35	1024794	4	
18	Shoulder bolt ø12x16/M10	611708	2	Loxeal 83-52
19	Washer NL 8mm	611040	4	
30	Block ECO45/50W Top 2hy. Complete	1076514	1	(POS.4 incl.)
37	Block ECO50 W Top 2hy. Complete	1048074	1	(POS.4 incl.)
44	Supportblock ECO50 W right	1041645	1	
49	Adapter 401-08-06 90° (1/2''-3/8'')	7000233	2	
50	Plug ECO W - Top	1042918	1	
51	Pipe plug DIN 906 M16x1,5	711529	1	
52	Stud bolt 8x30	611185	4	
53	Nut steel m8	611187	4	
54	Washer GBR06 3/8	710703	2	
55	Adapter 136-06-06 (3/8'')	710106	2	
56	Transport Protection ECO-Block	1035199	1	Part of make up

Option 1 el:



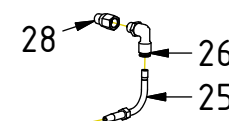
POS in order of assembly

SPARE PARTS

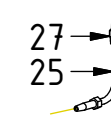


POS	DESCRIPTION	PART	QTY	COMMENTS
5	Washer Copper 14x10	6000065	2	
6	Button head fitting 1/8" stainless	810505	1	Loxreal 58-12. Torque: 30Nm
10	Power Plug ECO W - ECHF, QSM	8001089	1	For EC214, EC209B
11	Power Plug ECO W	1042241	1	For EC206, EC209, Top bracket
14	Extender M8x1-M8x1 18mm	7000688	1	Loxreal 58-12
15	Push-in swivel 90° M8x1	790173	1	Loxreal 58-12
22	Pipe stub straight Push-in	790175	1	
23	Screw socket HT-hose	7000585	2	
25	Pipe stub 90° Push-in	7000318	1	
26	Adapter 90° Push-in - R1/8"	790184	1	Loxreal 58-12
27	Push-in R1/8"	790172	1	Loxreal 58-12
28	Extender 25/17mm KR1/8"-R1/8"	7000578	1	Loxreal 58-12
29	Grease hose bulk 100m	7001303	1	EC214: 1075mm EC209B: 845mm. EC209: 750mm EC206: 385mm
50	Plug ECO W - Top	1042918	1	
51	Pipe plug DIN 906 M16x1,5	711529	1	
57	Protection plug ECO45/50 Top	7000152	2	
58	Plug 70125-06 (3/8")	711504	2	
59	Power Plug ECO W used on EC214 & Top bracket	1042240	1	Used until 2021-08 Cable gland torque: 6Nm
60	Grease hose bulk 100m	7001303	1	Top bracket: 2000mm

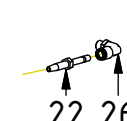
EC214 until 2021-01:



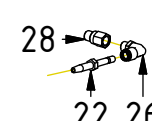
EC214 QS50:



EC209:

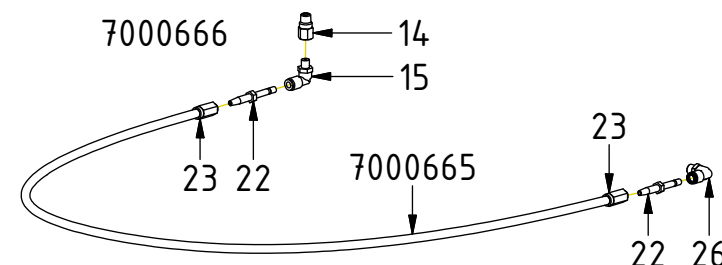


EC206 QS50:



c.l kit until 2020-01:

7000666

ECHF until
2020-01: