

COVERSHEET

Planned document changes:

Briefly:
2025-03-10. Add to POS.26: Torque 136Nm.
2024-08-28. Add starlock washer 6000415 against POS.27.
2023-2024. POS.24 glue instructions: Loxeal 83-52 for black steering, Loxeal 53-11 for stainless steering.

Document changes:

Date:	Change:	Rev. after change:
2023-09-15	Spare parts updated.	I
2021-03-05	Hook replaced. Plugs excluded from cylinder V4 QSC.	H
2020-03-31	Springs x2 in complete cyl. replaced by long spring.	G
2019-01-16	Spare parts updated.	F
2018-11-30	Lock cylinder replaced. New spare parts page added.	E
2018-04-25	Layout/irrelevant.	D
2018-04-12	Layout/irrelevant.	C
2018-03-13	QSC & spare parts updated. Coversheet added.	B

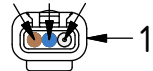
Readers note:

 Indicates instruction.

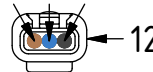
 Represents Hose.

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

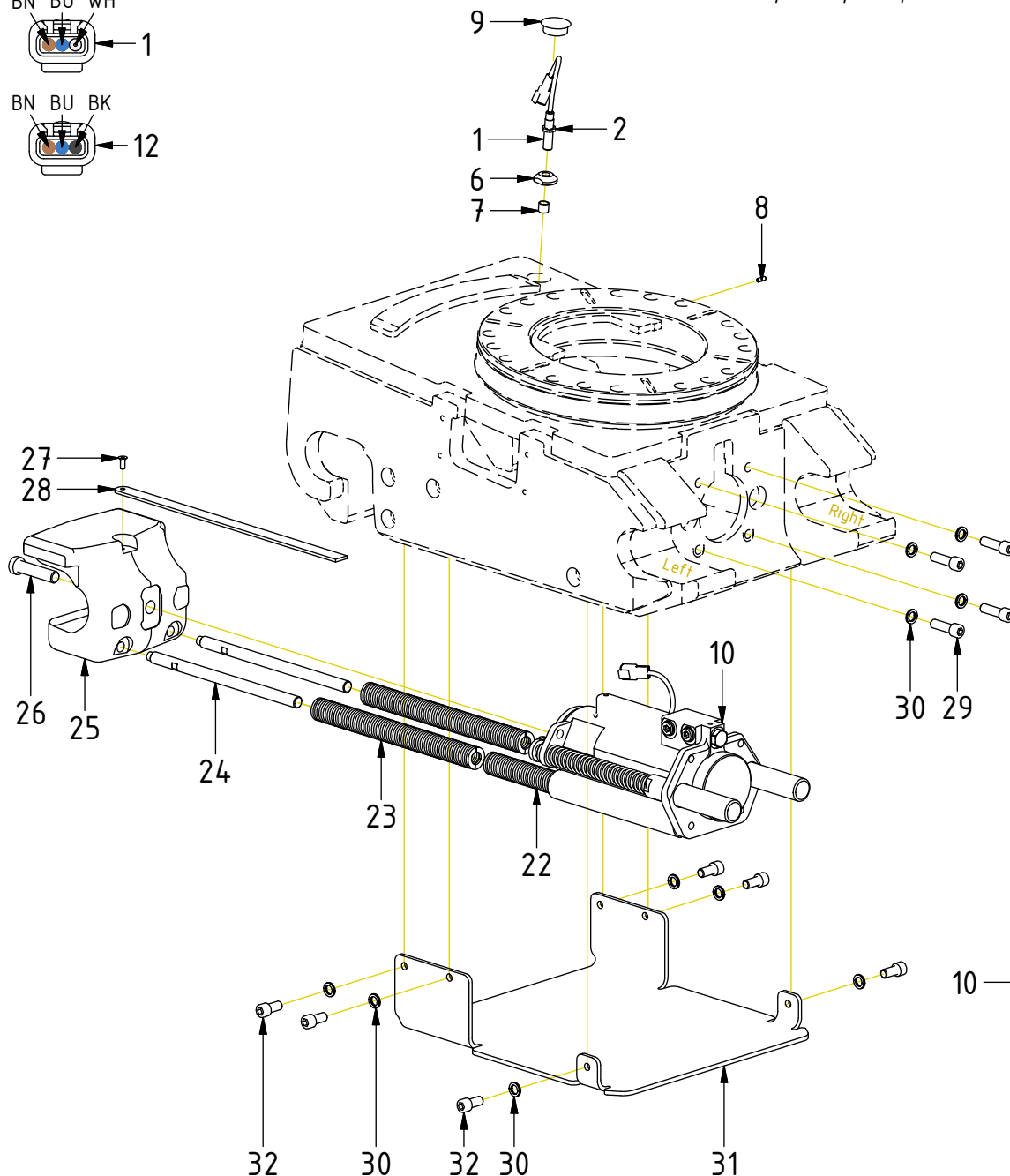
BN BU WH



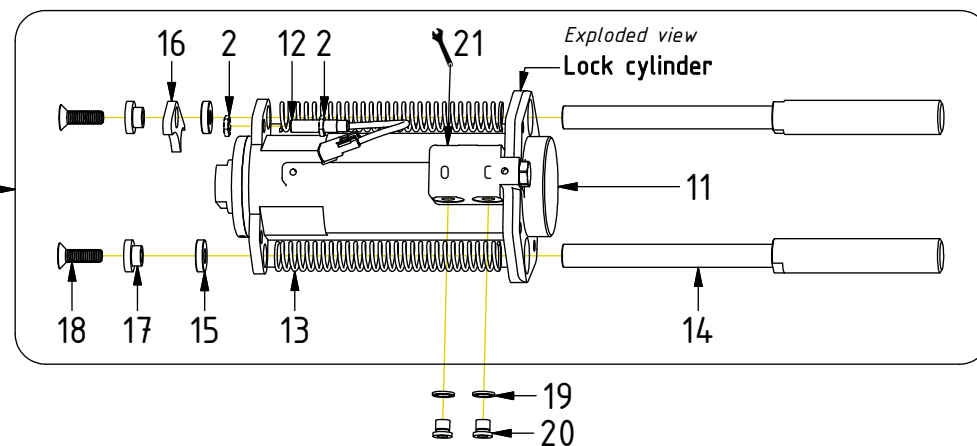
BN BU BK



EC226, EC233, EC30, Machine hitch

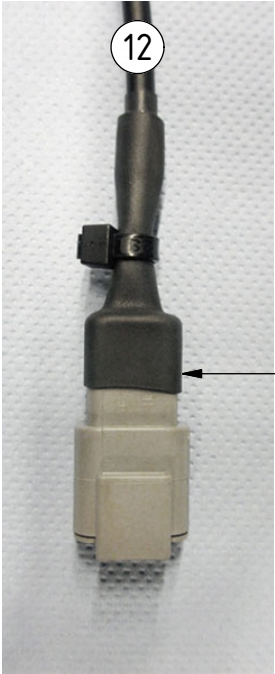
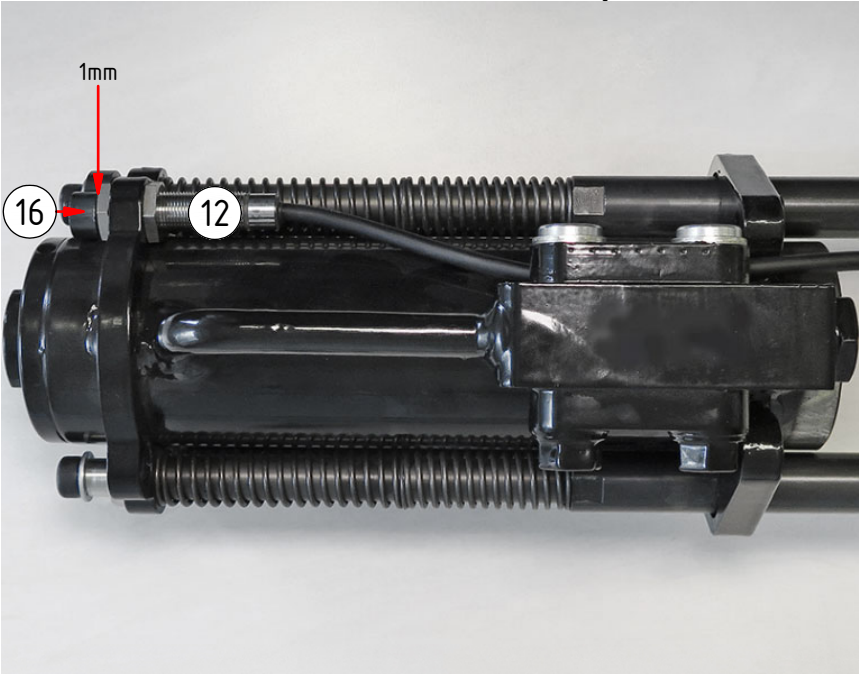


POS	DESCRIPTION	PART	QTY	COMMENTS
1	Inductive sensor QSC (hook)	1040358	1	Mount just below surface edge
2	Hex nut		1	(Incl. with sensor)
6	Position nut, inductive sensor	1029432	1	
7	Protection lid, inductive sensor	8000056	1	
8	Set Screw M8x16	610808	1	
9	Cover plug QS/ECO	8000068	1	
10	Lock cyl. QS70 V4 Comp. Forg. QSC	1058123	1	(POS.11-18 incl.)
11	Lock cylinder QS70 V4 Forged	1058122	1	
12	Inductive sensor QSC (cylinder)	1040359	1	Mount 1mm from Sensor plate
13	Spring 21,8x210	1049974	2	
14	Ejector QS70	1034935	2	
15	Spacer QS70	1035752	2	
16	Sensor plate	1035751	1	Assemble with slight play
17	Spacer M12 L15	1008243	2	
18	Screw MF6S 12x40	610670	2	Loxal 83-52
19	Washer GBR04 1/4	710702	2	
20	Plug 1/4"	711505	2	
21	Placements differ on machine hitch			See "Machine hitch"
22	Spring 32x152	1025178	2	
23	Spring 32x305	1025179	2	
24	Steering	1024695	2	Loxal 53-11
25	Hook QS70 Dbl. Radius Cast	1037431	1	
26	Screw MLC6S M16x70 10.9	610720	1	Loxal 83-52
27	Screw MF6S M6x16 10.9 untreatad	610604	1	Loxal 83-52
28	Indicator pin QS (610mm)	1036201	1	Cut to fit
29	Screw MC6S M12x40 12.9 ZFSL	6000141	4	
30	Washer NL 12mm	611042	10	QTY: 4 for EC-Oil
31	Cover plate QS70 V2 (hole on side)	1034902	1	No cover plate for EC-Oil
32	Screw MC6S M12x25 12.9 ZFSL	6000164	6	



Sensor Cylinder

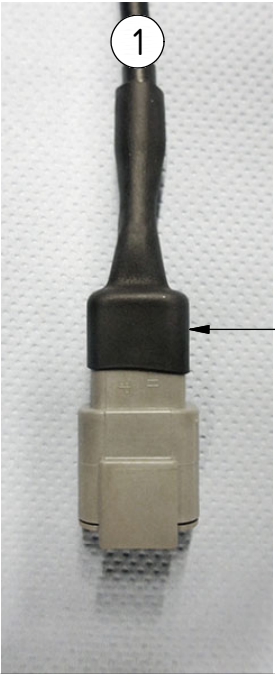
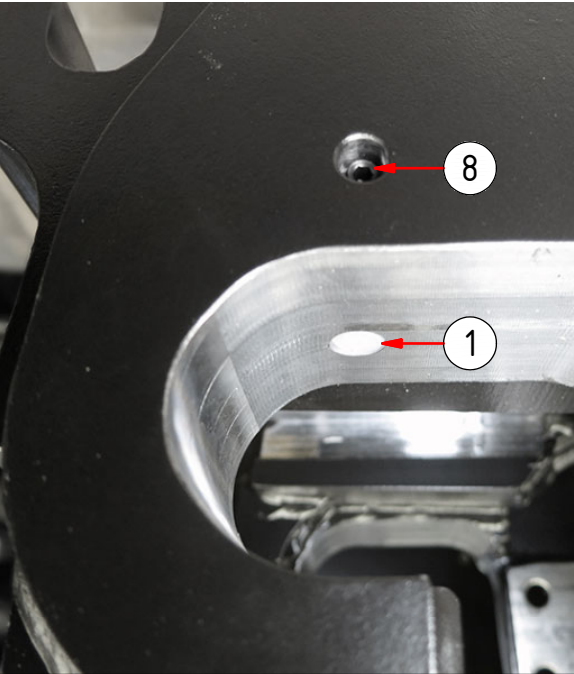
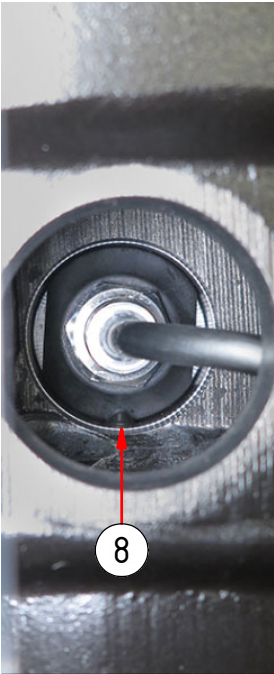
EC226, EC233, EC30, Machine hitch



POS	DESCRIPTION	PART	QTY	COMMENTS
1	Inductive sensor QSC (hook)	1040358	1	Mount just below surface edge
3	Apply dielectric compound before inserting wedge. Peel cables 5mm			
4	Shrink tube on both connectors			
5	Cable tie on cylinder connector			
8	Set Screw M8x16	610808	1	
12	Inductive sensor QSC (cylinder)	1040359	1	Mount 1mm from Sensor plate
16	Sensor plate	1035751	1	Assemble with slight play

POS in order of assembly

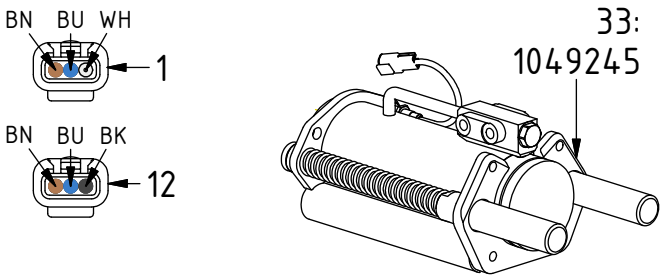
Sensor Hook



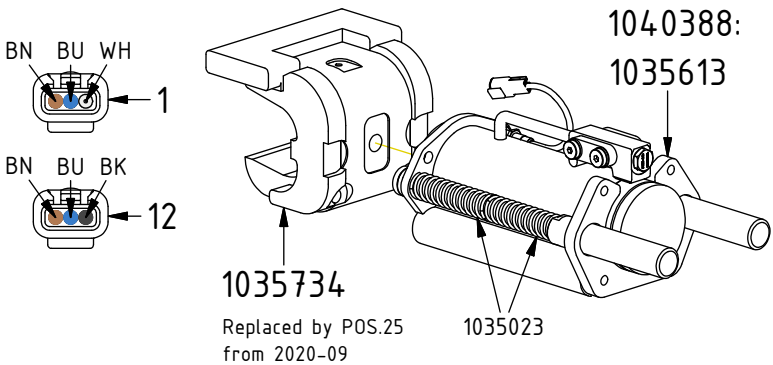
SPARE PARTS

POS	DESCRIPTION	PART	QTY	COMMENTS
1	Inductive sensor QSC (hook)	1040358	1	Mount just below surface edge
10	Lock cyl. QS70 V4 Comp. Forg. QSC	1058123	1	(POS.11-18 incl.)
11	Lock cylinder QS70 V4 Forged	1058122	1	
12	Inductive sensor QSC (cylinder)	1040359	1	Mount 1mm from Sensor plate
25	Hook QS70 DbL. Radius Cast	1037431	1	
33	Lock cylinder QS70 V4 Compl. QSC	1049726	1	Replaced by POS.10 from 2023-06 (POS.12-18, 1049245 incl.)
34	Spare part cyl. compl. (without QSC)	1050636	1	Spare part use only
35	Inductive sensor (DTM)	1029068	1	Replaced 2018
36	Inductive sensor (cylinder)	1036833	1	Replaced by POS.12 from 2018-01

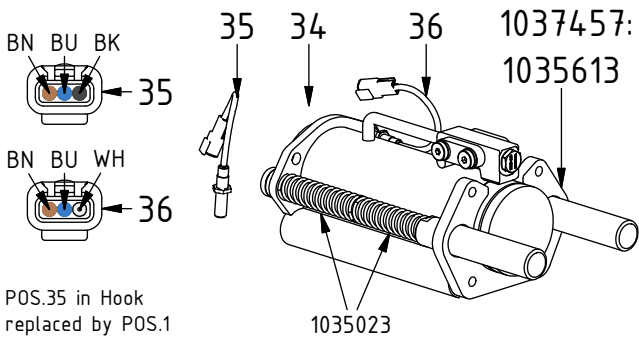
"V4 QSC" replaced by current version from 2023-06



"V3 QSC" replaced by "V4 QSC" from 2018-12

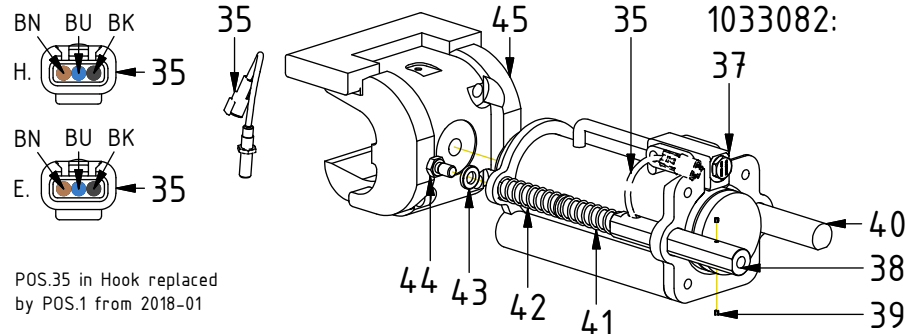


"V3" replaced by "V3 QSC" from 2018-01



SPARE PARTS

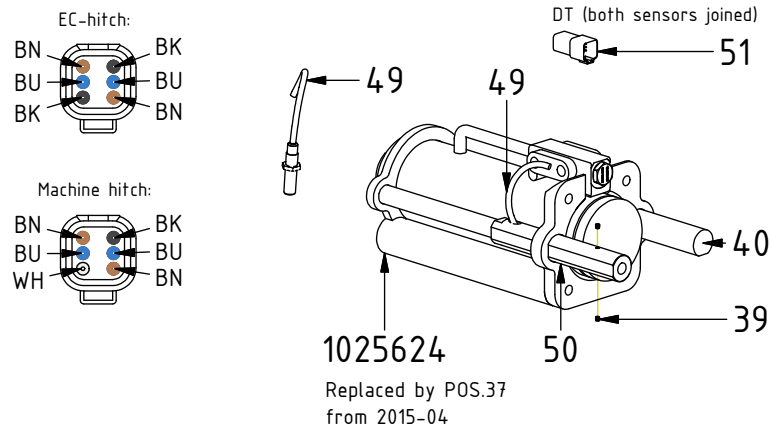
"V2" replaced by "V3" from 2016-09



POS.35 in Hook replaced
by POS.1 from 2018-01

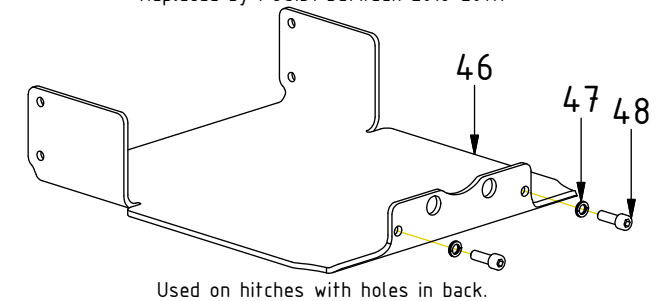
POS.35 on Ejector replaced
by POS.36 on cylinder from 2016-09

"V1" replaced by "V2" from 2015-04

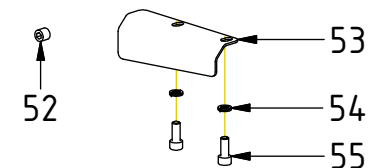


Replaced by POS.37
from 2015-04

Replaced by POS.31 between 2016-2017.



Used on hitches with holes in back.



POS	DESCRIPTION	PART	QTY	COMMENTS
1	Inductive sensor QSC (hook)	1040358	1	Mount just below surface edge
14	Ejector QS70	1034935	2	
31	Cover plate QS70 V2 (hole on side)	1034902	1	No cover plate for EC-Oil
35	Inductive sensor (DTM)	1029068	1	Replaced 2018
36	Inductive sensor (cylinder)	1036833	1	Replaced by POS.12 from 2018-01
37	Lock cylinder QS70 V2	1028940	1	Replaced by 1035613 from 2016-09
38	Ejector with inductive sensor	1029067	1	Replaced by POS.14 from 2016-09 (POS.35, 39 incl.)
39	Set screw MC6S 8x25	610816	2	
40	Ejector	1024697	1	Replaced by POS.14 from 2016-09
41	Spring 20x120	1025177	2	
42	Spring 20x85	1025857	2	
43	Washer 13x24x4	611099	2	
44	Screw M6S M12x20 8,8 FZB	610163	2	
45	Hook QS70 (3 holes)	1024200	1	Replaced by 1035734 from 2016-09
46	Cover plate QS70 (holes in back)	1028215	1	Replaced by POS.31. Note holes
47	Washer NL 10mm	611041	2	
48	Screw MC6S M10x30 12.9 Geomet	612018	2	
49	Inductive sensor without connector	810463	2	Replaced by POS.35 from 2015-04
50	Ejector for inductive sensor	1024696	1	Replaced by POS.38 from 2015-04
51	Connector Deutsch DT04-6P	820109	1	Used until 2015-04
52	Pipe plug M12x1,5	711533	1	Used until 2016-09
53	Cable support QS70	1024453	1	Used until 2016-10
54	Washer NL 8mm	611040	2	Used until 2016-10
55	Screw MC6S M8x20 12.9 ZFSHL	6000157	2	Used until 2016-10

POS in order of assembly