QS80 - Std components

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COVERSHEET

Planned document changes:

Breifly:

POS.23: add Loxeal 83-52.

POS.26 glue instructions:
Loxeal 83-52 for black steering,
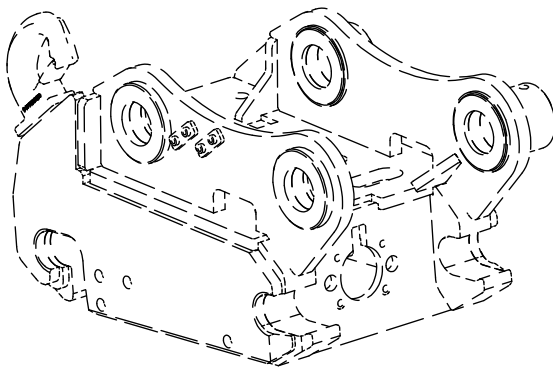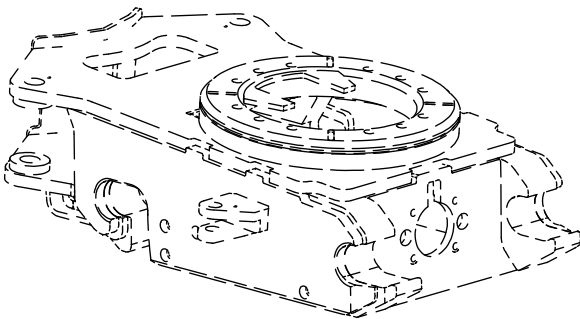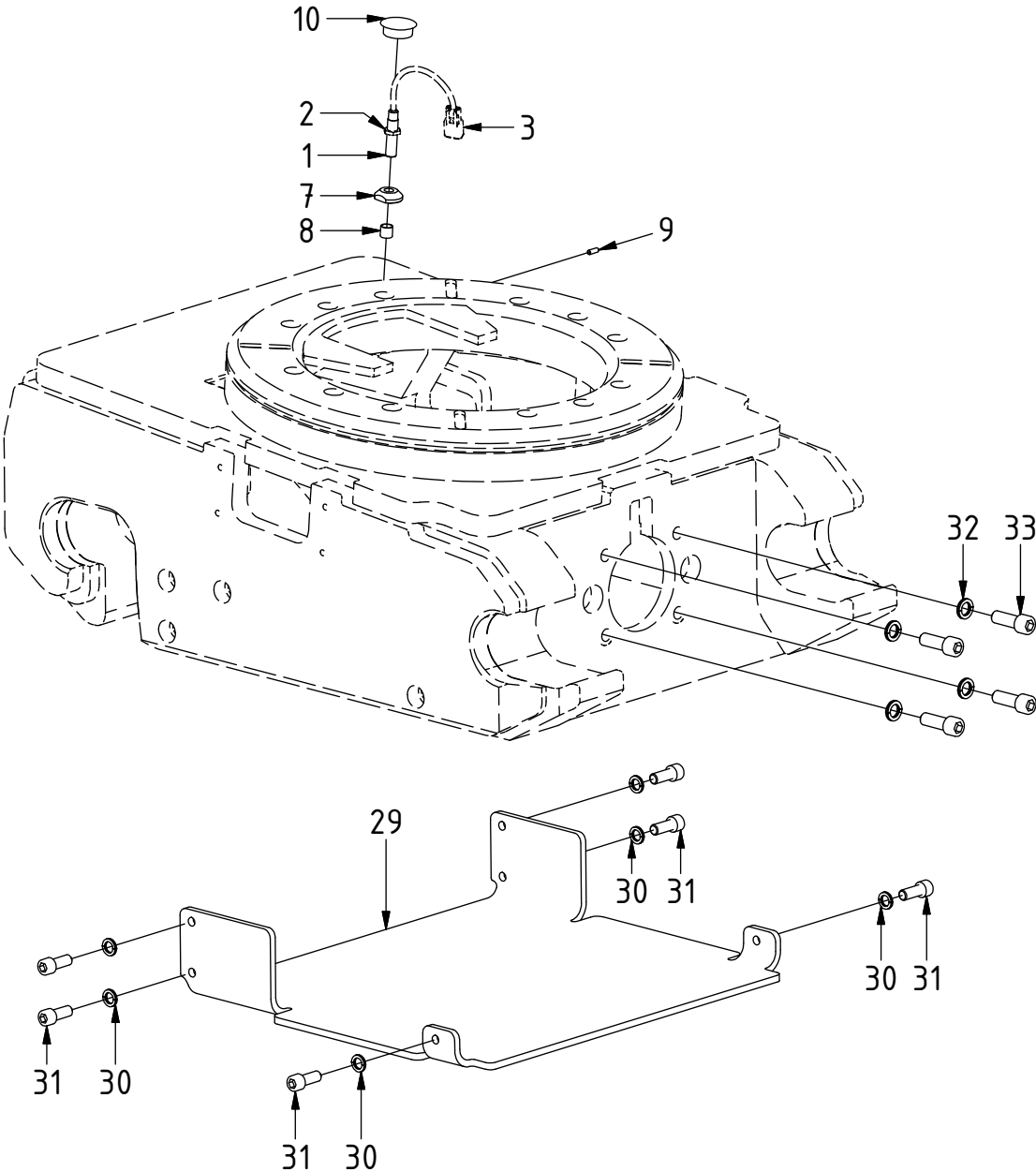Loxeal 53-11 for stainless steering.

Document changes:

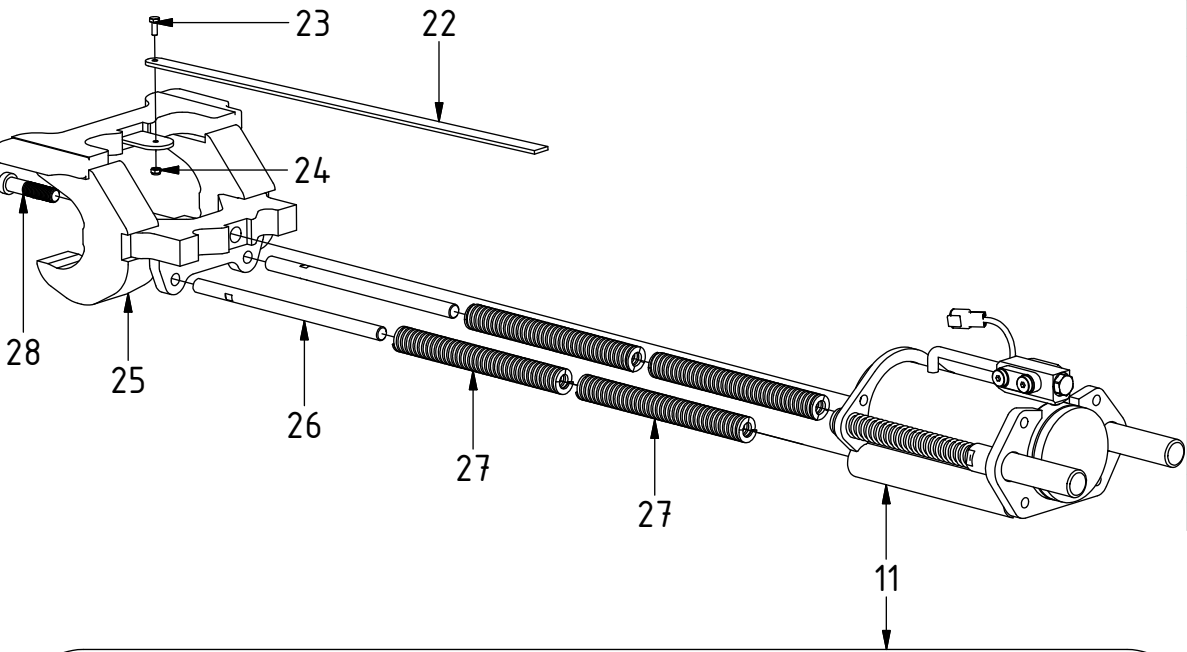| Date:	Change:	Rev. after change:
2021-03-04	Plugs excluded from cylinder V2 QSC.	F
2020-04-01	Springs x2 in complete cyl. replaced by long spring.	E
2019-01-16	Spare parts updated.	D
2018-11-30	Lock cylinder replaced. Spare parts pages added.	C
2018-02-05	Screw for indicator pin updated. Coversheet added.	B

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EC233, EC30, QS80

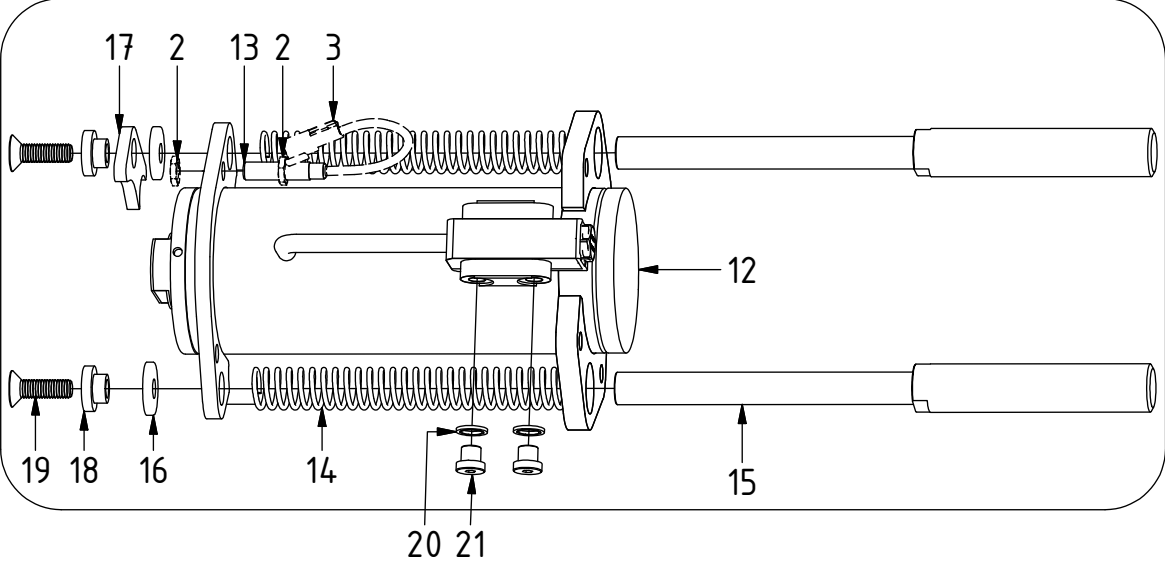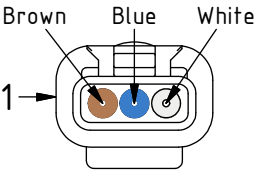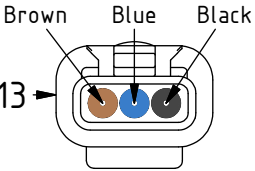| POS	DESCRIPTION	PART	QTY	COMMENTS
1	Inductive sensor QSC (hook)	1040358	2	Mount just below surface edge (POS.2-3 included)
2	Hex nut			(Included with sensor)
3	Connector Deutsch DTM04-3P	8000064	2	
7	Position nut, inductive sensor	1029432	1	
8	Protection lid, inductive sensor	8000056	1	
9	Set Screw M8x16	610808	1	
10	Cover plug QS/ECO	8000068	1	
29	Protection lid QS80	1039790	1	No cover plate for EC-Oil
30	Washer NL 12mm	611042	6	
31	MC6S M12x30 12.9 ZFSHL	6000142	6	
32	Washer NL 14mm	611043	4	
33	MC6S M14x40 12.9 ZFSHL	6000200	4	

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

Photos on page 4.   2 /6

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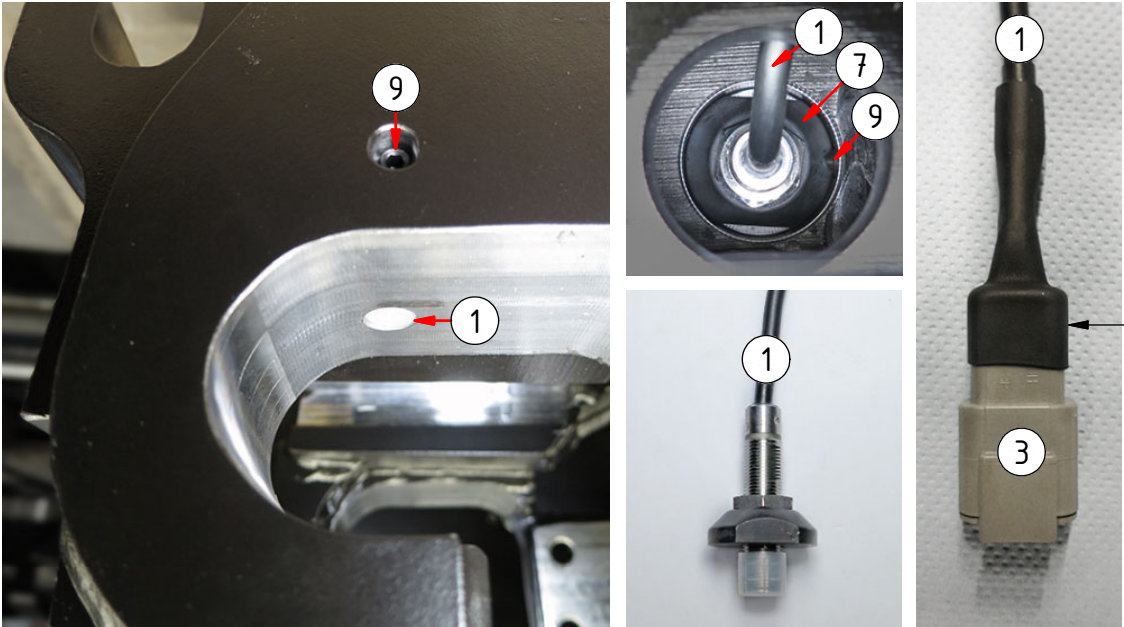| POS	DESCRIPTION	PART	QTY	COMMENTS
	EC233, EC30, QS80			
1	Inductive sensor QSC (hook)	1040358	2	Mount just below surface edge (POS.2-3 included)
2	Hex nut			(Included with sensor)
3	Connector Deutsch DTM04-3P	8000064	2	
11	Lock cylinder QS80 V2 Compl. QSC	1049727	1	(POS.12-19 included)
12	Lock cylinder QS80 V2	1048783	1	See "Lock cylinders"
13	Inductive sensor QSC (cylinder)	1040359	1	Mount 1mm from Sensor plate (POS.2-3 included)
14	Spring 21,8x210	1049974	2	
15	Ejector	1034935	2	
16	Washer 13x35x5	612016	2	
17	Sensor plate	1035535	1	Assemble with slight play
18	Spacer M12 L15	1008243	2	
19	Screw MF6S 12x40	610670	2	Loctite 2700
20	Washer GBR04 1/4	710702	2	
21	Plug 1/4"	711505	2	
22	Indicator pin QS (610mm)	1036201	1	
23	Hex Head Screw 6x16	610109	1	
24	Hex. Nut M6 Nylon Lock	610921	1	
25	Locking hook QS80	1034775	1	
26	Steering	1024695	2	Loctite 6300
27	Spring 32x254	1035022	4	
28	Socket head screw MLC6S 16x70	610720	1	Loctite 2700

Hook:

Brown   Blue   White

Cylinder:

Brown   Blue   Black

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

Photos on page 4.   3 /6

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Hook:

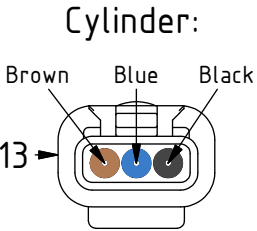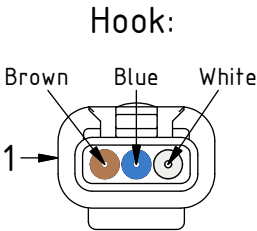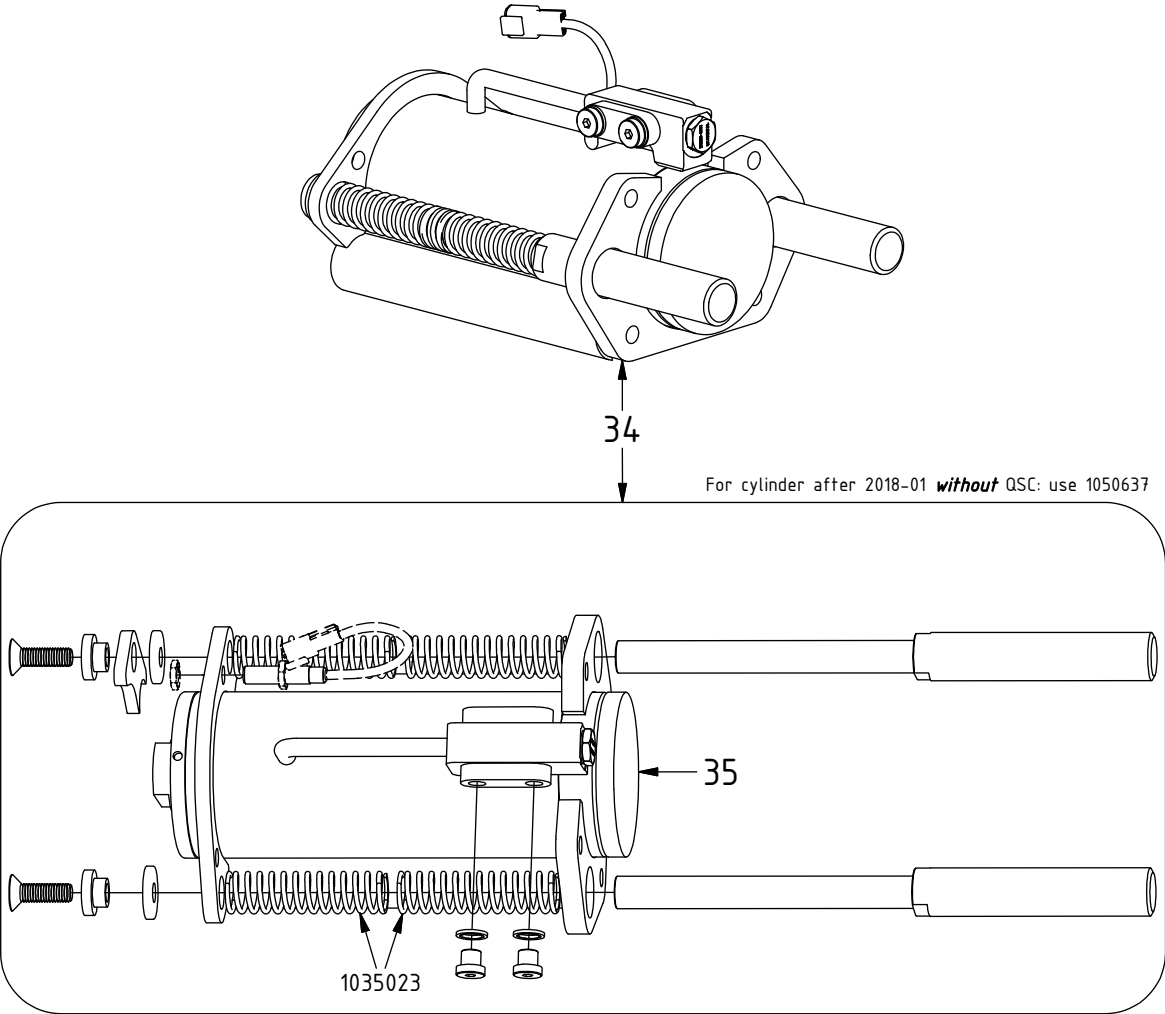| POS	DESCRIPTION	PART	QTY	COMMENTS
EC233, EC30, QS80				
1	Inductive sensor QSC (hook)	1040358	2	Mount just below surface edge (POS.2-3 included)
3	Connector Deutsch DTM04-3P	8000064	2	
4	Apply dielectric compound before inserting wedge. Peel cables 5mm			
5	Shrink tube on both connectors			
6	Cable tie on cylinder connector			
7	Position nut, inductive sensor	1029432	1	
9	Set Screw M8x16	610808	1	
13	Inductive sensor QSC (cylinder)	1040359	1	Mount 1mm from Sensor plate (POS.2-3 included)
17	Sensor plate	1035535	1	Assemble with slight play

Cylinder:

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

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POS	DESCRIPTION	PART	QTY	COMMENTS
11	Lock cylinder QS80 V2 Compl. QSC	1049727	1	(POS.12-19 included)
12	Lock cylinder QS80 V2	1048783	1	See "Lock cylinders"
34	Lock cylinder QS80 Compl. QSC	1044993	1	Replaced by POS.11 from 2018-12 (POS.13, 15-21, 35 included)
35	Lock cylinder QS80	1035494	1	Replaced by POS.12 from 2018-12
40	Washer Steel 12.5x28x2	6000244	2	
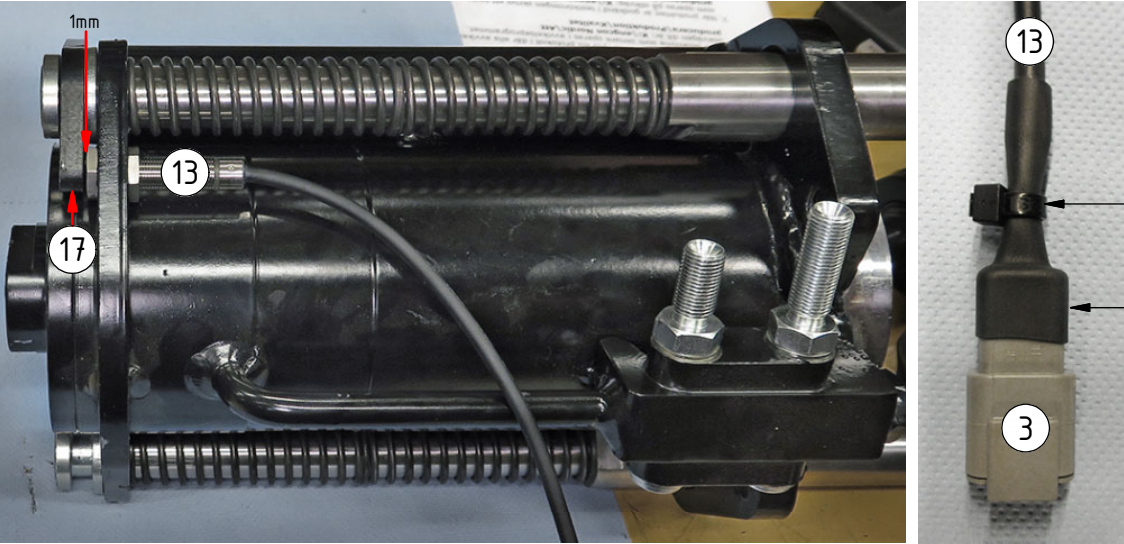
Related spare parts

"V1 QSC" Replaced by "V2 QSC" from 2018-12

34

For cylinder after 2018-01 **without** QSC: use 1050637

35

1035023

Hook:

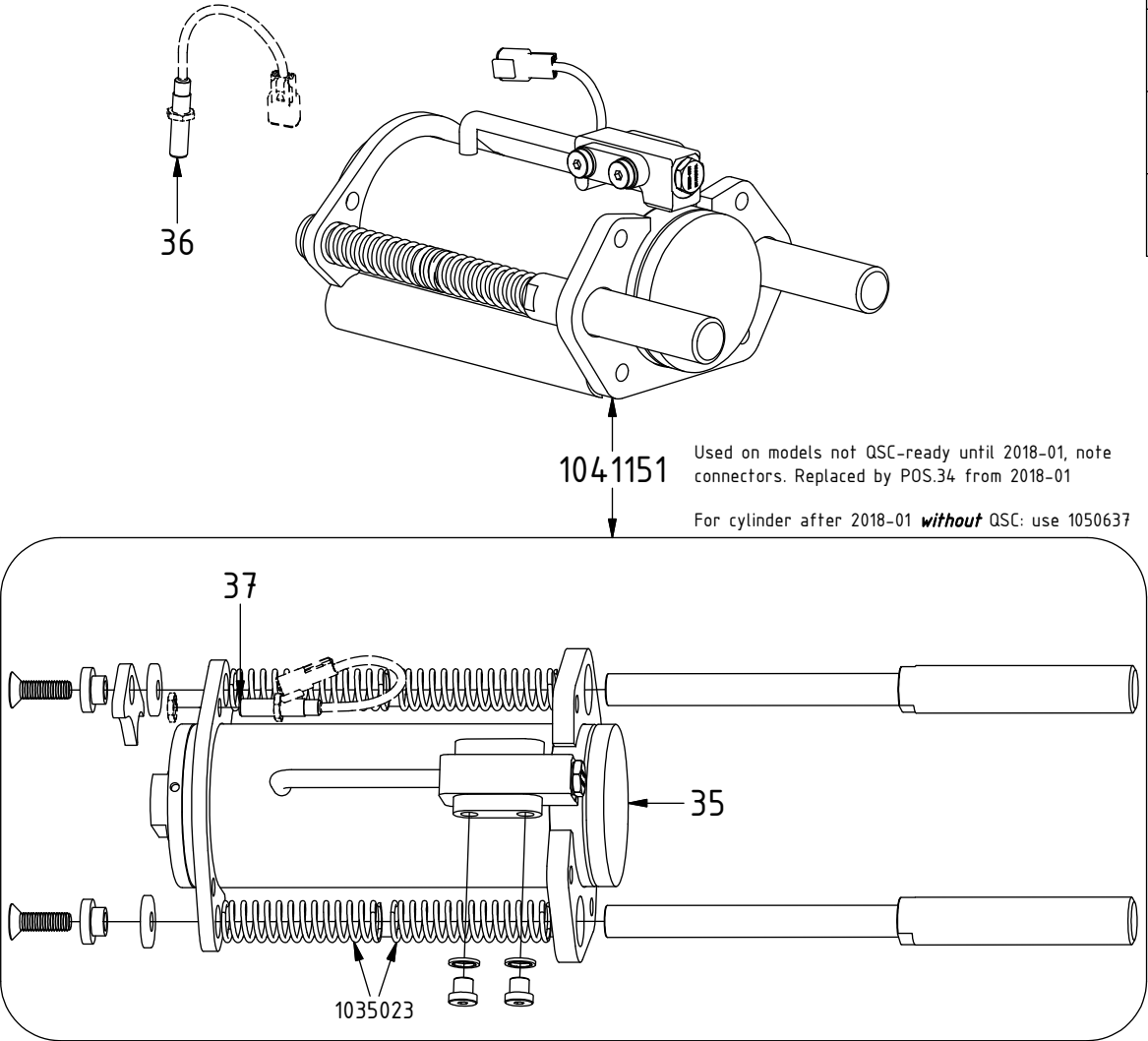Brown   Blue   White

1→

Cylinder:

Brown   Blue   Black

13→

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

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Related spare parts

"V1" Replaced by "V1 QSC" from 2018-01

36

1041151

Used on models not QSC-ready until 2018-01, note
connectors. Replaced by POS.34 from 2018-01

For cylinder after 2018-01 *without* QSC: use 1050637

POS	DESCRIPTION	PART	QTY	COMMENTS
1	Inductive sensor QSC (hook)	1040358	2	Mount just below surface edge (POS.2-3 included)
12	Lock cylinder QS80 V2	1048783	1	See "Lock cylinders"
13	Inductive sensor QSC (cylinder)	1040359	1	Mount 1mm from Sensor plate (POS.2-3 included)
34	Lock cylinder QS80 Compl. QSC	1044993	1	Replaced by POS.11 from 2018-12 (POS.13, 15-21, 35 included)
35	Lock cylinder QS80	1035494	1	Replaced by POS.12 from 2018-12
36	Inductive sensor (hook)	1029068	1	Replaced by POS.1 from 2018-01 Mount just below surface edge (POS.2-3 included)
37	Inductive sensor (cylinder)	1036833	1	Replaced by POS.13 from 2018-01 Mount 1mm from Sensor plate (POS.2-3 included)
38	Lock cylinder QS80 V2 Compl. (Spare part only)	1050637	1	Replaces 1041151. Used without QSC (POS.12, 14-21, 37 included)

37

35

1035023

Hook:

Brown   Blue   Black

36

Cylinder:

Brown   Blue   White

37

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

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