

# Hitch ECO70 W

## COVERSHEET

### Planned document changes:

**Briefly:**

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2026-02-24. POS.1 replaced by 1083084, POS.2 by 1083080.

2024-11-15. Add to POS.20 & 29: Torque: 333Nm.

### Document changes:

| Date:      | Change:                                | Rev.<br>after change: |
|------------|----------------------------------------|-----------------------|
| 2024-03-22 | Screws updated to ZFSHL.               | H                     |
| 2022-06-13 | QSM Screw length updated.              | G                     |
| 2020-03-27 | Couplings replaced. Spare parts added. | F                     |
| 2019-11-20 | Layout/irrelevant.                     | E                     |
| 2019-09-25 | QSM added.                             | D                     |
| 2019-01-28 | Powerplug for option 1 el. replaced.   | C                     |
| 2018-06-21 | Layout/irrelevant.                     | B                     |
| 2018-02-04 | New document.                          | -                     |

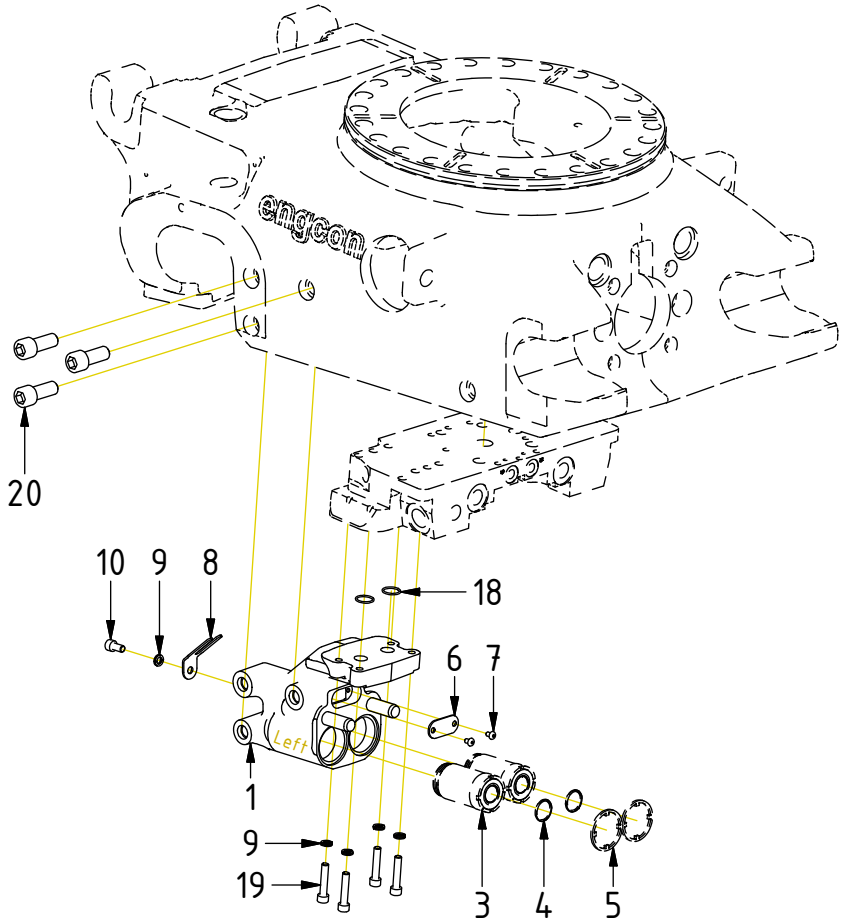
Readers note:

 Indicates instruction.

 Represents Hose.

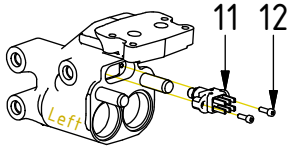
Dashed lines for overview, mounts on other pages/assemblies.

QSM70

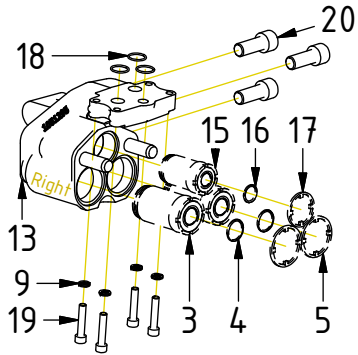


| POS | DESCRIPTION                        | PART    | QTY | COMMENTS                     |
|-----|------------------------------------|---------|-----|------------------------------|
| 1   | Block ECO70W QSM 2hy. Left Compl.  | 1055738 | 1   | (POS.2-3, 5 incl.)           |
| 2   | Block ECO70 W Hitch QSM Left       | 1049274 | 1   |                              |
| 3   | Coupling ECO W 3/4" V3             | 1050579 | 2   | Torque: 60Nm. (POS.4 incl.)  |
| 4   | Flat sealing for ECO W 3/4" V3     | 1050580 | 2   |                              |
| 5   | Dirt protection ECO 3/4"           | 1028275 | 2   |                              |
| 6   | Cover plate                        | 1049191 | 1   |                              |
| 7   | Screw K6S M5x8 10.9 FZB            | 611801  | 2   |                              |
| 8   | Cover plate cable ECO70 W QSM      | 1051585 | 1   |                              |
| 9   | Washer NL 8mm                      | 611040  | 5   | QTY: 4 on right block        |
| 10  | Screw MC6S M8x16 12.9 ZFSL         | 610432  | 1   |                              |
| 11  | Power Plug ECO70 W QSM             | 1050792 | 1   | Connect to slip ring QSM     |
| 12  | Screw MC6S M5x16 12.9              | 610401  | 2   | Loxal 55-02                  |
| 13  | Block ECO70W QSM 3hy. Right Compl. | 1055739 | 1   | (POS.3, 5, 14-15, 17 incl.)  |
| 14  | Block ECO70 W Hitch QSM Right      | 1051314 | 1   |                              |
| 15  | Coupling ECO W 1/2" V3             | 1054580 | 1   | Torque: 60Nm. (POS.16 incl.) |
| 16  | Flat sealing for ECO W 1/2" V3     | 1050018 | 1   |                              |
| 17  | Dirt protection ECO 1/2"           | 1028229 | 1   |                              |
| 18  | O-ring 18.77x1.78 N/90             | 710981  | 2   | QTY: 3 on right block        |
| 19  | Screw MC6S M8x40 12.9 ZFSL         | 6000145 | 4   | Torque: 40Nm                 |
| 20  | Screw MC6S M16x40 12.9             | 610519  | 3   | Loxal 83-52                  |

Option 1 el:



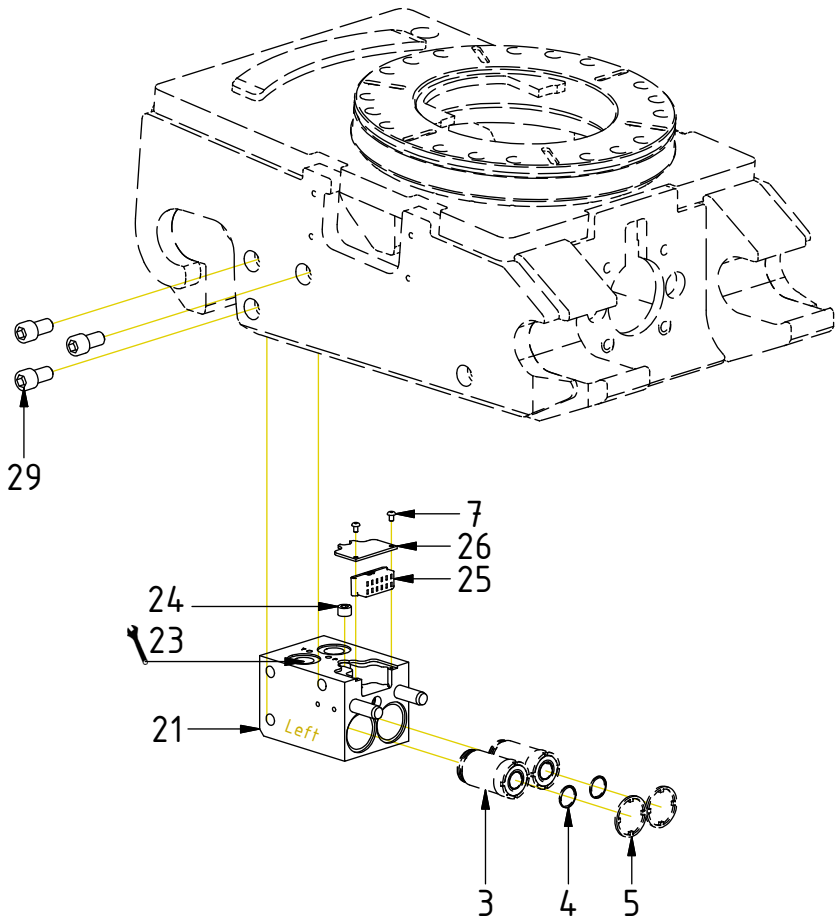
Option 2 bl:



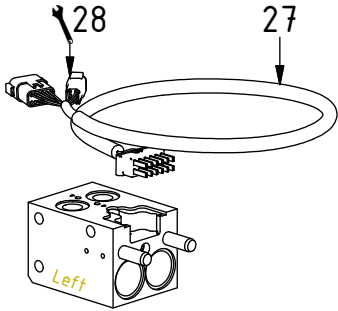
QS70

| POS | DESCRIPTION                       | PART    | QTY | COMMENTS                             |
|-----|-----------------------------------|---------|-----|--------------------------------------|
| 3   | Coupling ECO W 3/4" V3            | 1050579 | 2   | Torque: 60Nm. (POS.4 incl.)          |
| 4   | Flat sealing for ECO W 3/4" V3    | 1050580 | 2   |                                      |
| 5   | Dirt protection ECO 3/4"          | 1028275 | 2   |                                      |
| 7   | Screw K6S M5x8 10.9 FZB           | 611801  | 2   |                                      |
| 21  | Block ECO70 W 2hy. Complete       | 1055719 | 1   | (POS.3, 5, 22 incl.)                 |
| 22  | Block ECO70 W Hitch               | 1042478 | 1   |                                      |
| 23  | Adapters according to Quick hitch |         |     | See "Quick hitch"                    |
| 24  | Pipe plug DIN 906 M16x1,5         | 711529  | 1   |                                      |
| 25  | Plug ECO W - Hitch                | 1041814 | 1   |                                      |
| 26  | Coverplate block ECO60/70 W Hitch | 1041139 | 1   |                                      |
| 27  | Power plug ECO W DTM              | 1042243 | 1   | Cable gland torque: 6Nm              |
| 28  | 6P, connect to slip ring          |         |     | See "Slip rings" (additional cables) |
| 29  | Screw MC6S M16x30 12.9 ZFSLH      | 6000201 | 3   | Loxal 83-52                          |

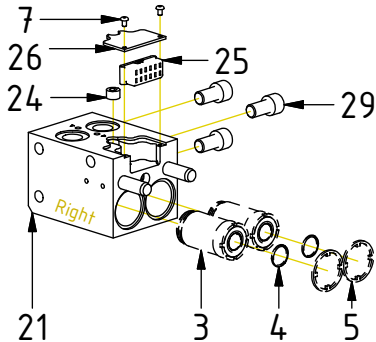
POS in order of assembly



Option 1 el:

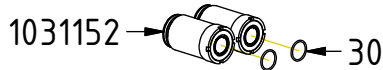


Option 2 bl:



SPARE PARTS

| POS | DESCRIPTION                    | PART    | QTY | COMMENTS                                         |
|-----|--------------------------------|---------|-----|--------------------------------------------------|
| 3   | Coupling ECO W 3/4" V3         | 1050579 | 2   | Torque: 60Nm. (POS.4 incl.)                      |
| 4   | Flat sealing for ECO W 3/4" V3 | 1050580 | 2   |                                                  |
| 15  | Coupling ECO W 1/2" V3         | 1054580 | 1   | Torque: 60Nm. (POS.16 incl.)                     |
| 16  | Flat sealing for ECO W 1/2" V3 | 1050018 | 1   |                                                  |
| 27  | Power plug ECO W DTM           | 1042243 | 1   | Cable gland torque: 6Nm                          |
| 30  | O-ring 21.95x1.78              | 1024735 | 2   | Used until 2020-03<br>Seperate seal kit: 7000047 |
| 31  | O-ring 17.17x1.78              | 710913  | 1   | Used until 2020-03<br>Seperate seal kit: 7000046 |



O-rings between versions  
are not compatible

