

## COVERSHEET

## Planned document changes:

**Briefly:**

2026-03-09. POS.8 will be divided to two parts: 1080804 with 1080805. (Backwards compatible).

## Document changes:

| Date:      | Change:   | Rev.<br>after change: |
|------------|---|-----------------------|
| 2024-08-21 | Details for EC219S clarified. (EC219 with ePS sensors). | N                     |
| 2022-03-17 | References for T620V corrected.                         | M                     |
| 2020-10-15 | Screw lengths corrected. Photo replaced.                | L                     |
| 2019-10-02 | Photos added.   | K                     |
| 2019-01-07 | New terminalplacement.                                  | J                     |
| 2018-09-13 | Screw quality added. Fastener references corrected.     | I                     |
| 2018-08-27 | Reference for Menzi Muck added.                         | H                     |
| 2018-05-14 | New universal terminal, spare parts page added.         | G                     |
| 2018-02-12 | Option Shimmed Tilt cylinder added.                     | F                     |
| 2017-10-05 | Layout/irrelevant.                                      | E                     |
| 2017-09-08 | Clarification about SQ, ST, SX terminals.               | D                     |
| 2017-08-30 | Hoses for Wide updated.                                 | C                     |
| 2017-08-24 | Reference for Feed 1/2" ss0 & ST added.                 | B                     |
| 2017-08-15 | Reference for Feed 1/2" added.                          | A                     |
| 2017-08-08 | New document.   | -                     |

*Readers note:*

Indicates instruction.

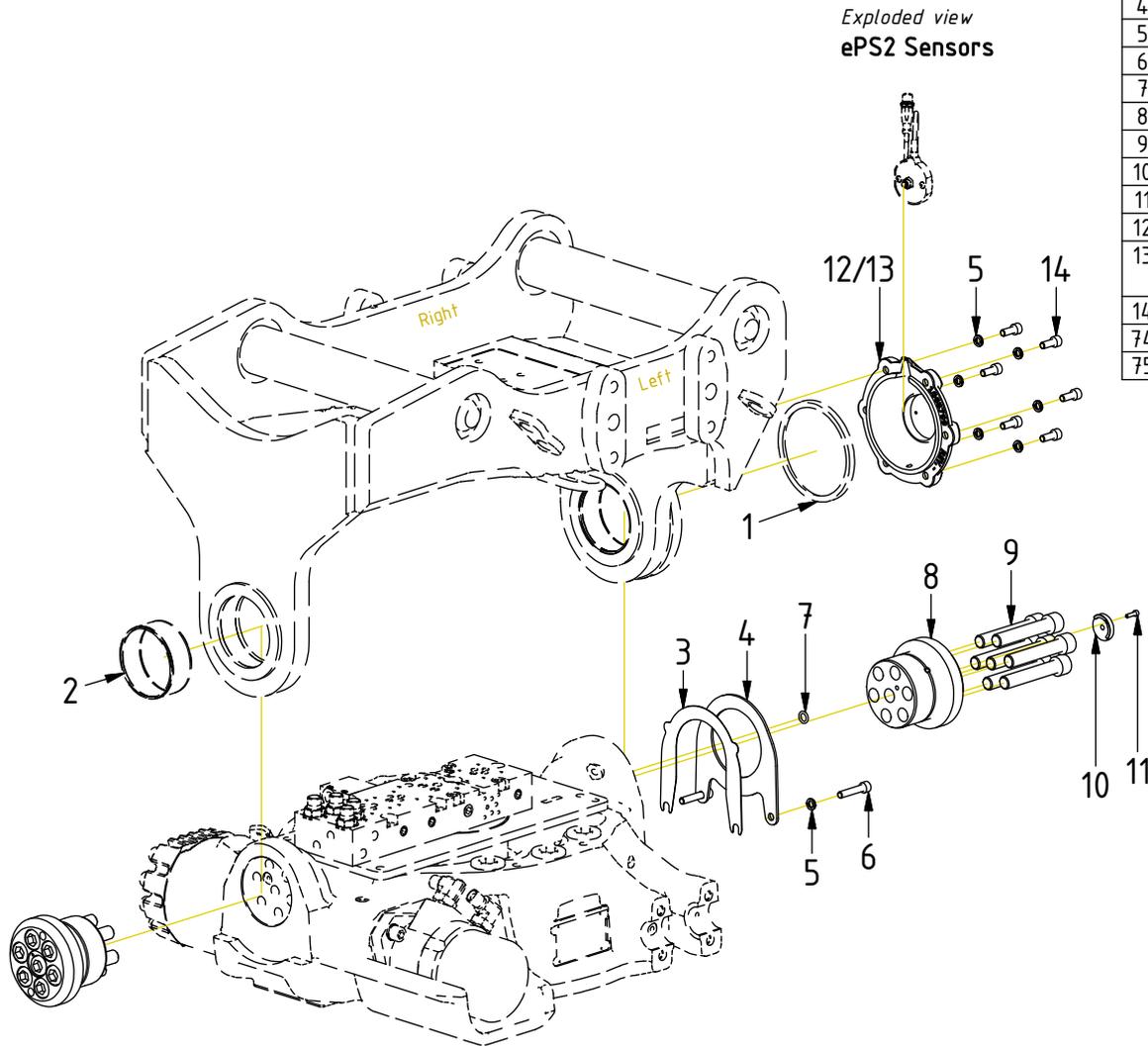


Represents Hose.

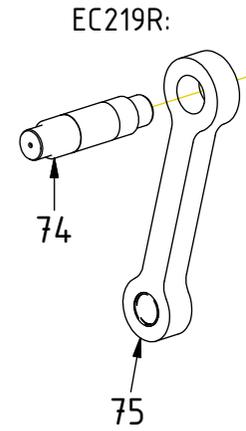
Dashed lines for overview, mounts  
on other pages/assemblies.

# EC219 ECHF - Std. Top components

POS in order of assembly



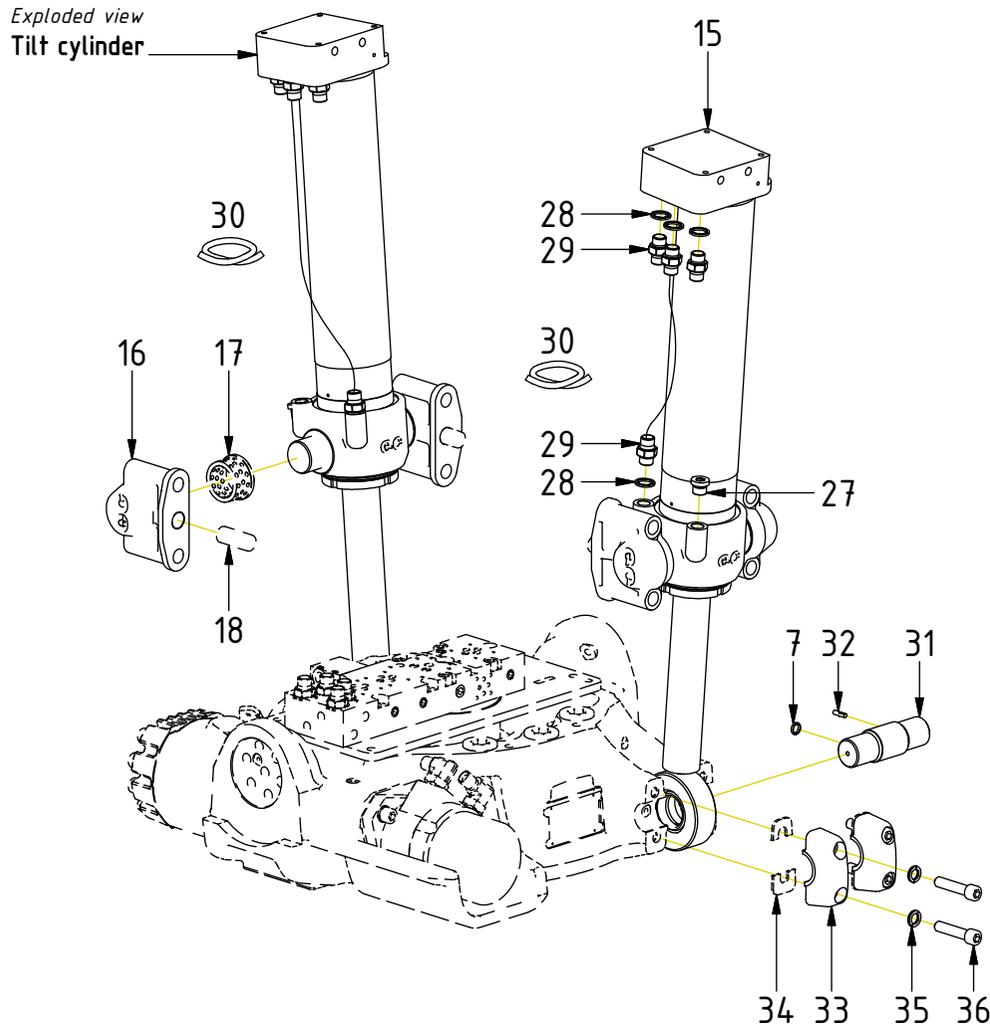
| POS | DESCRIPTION                     | PART    | QTY | COMMENTS  |
|-----|---------------------------------|---------|-----|---|
| 1   | Seal PAK-110x125x7-L            | 1064201 | 1   | NB! Face groove toward top part (Incl. in Top part) |
| 2   | Bushing Ø85/90x35 WB802         | 630321  | 2   | (Incl. in Top part)                                 |
| 3   | Shims tilt axle                 | 1016420 | 1   | Use as required                                     |
| 4   | Tilt axial washer               | 1016417 | 1   |   |
| 5   | Washer NL 8mm                   | 611040  | 16  |   |
| 6   | Screw MC6S M8x40 12.9 ZFSL      | 6000145 | 2   |   |
| 7   | O-ring 9,92x2,62                | 710968  | 4   | QTY: 8 for option Wide                              |
| 8   | Tilt axle EC219                 | 1064196 | 2   |   |
| 9   | Screw MC6S M16x90 12.9 ZFSL     | 6000151 | 14  | Torque: 333Nm                                       |
| 10  | Magnet spacer tilt axle         | 1064202 | 1   | For EC219S  |
| 11  | Screw MC6S M4x14 8,8 FZB        | 610420  | 1   | For EC219S  |
| 12  | Cover Tilt Axle EC219 Cast      | 1065799 | 1   | For EC219S  |
| 13  | Protection plate tiltaxle EC219 | 1064717 | 1   | For EC219/EC219PS<br>Face the groove downwards      |
| 14  | Screw MC6S M8x20 12.9 ZFSL      | 6000157 | 6   |   |
| 74  | Axle rotator arm                | 1011553 | 2   |   |
| 75  | Rotator arm compl. QS60         | 1040537 | 2   | Instead of tilt cylinders                           |



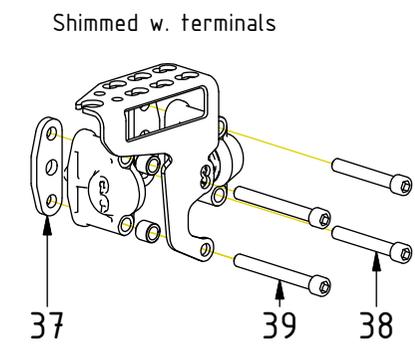
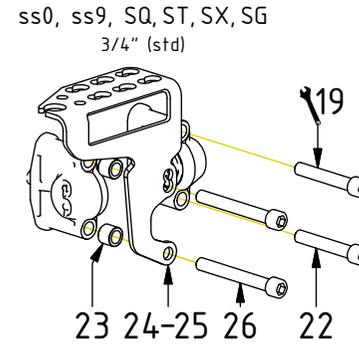
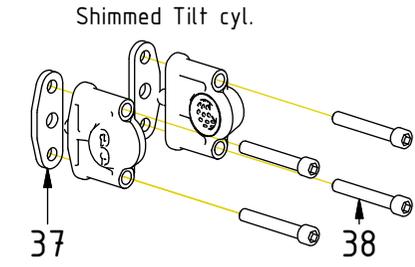
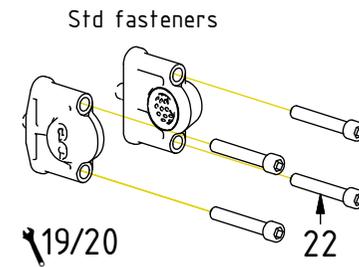
# EC219 ECHF - Std. Top components

POS in order of assembly

Standard

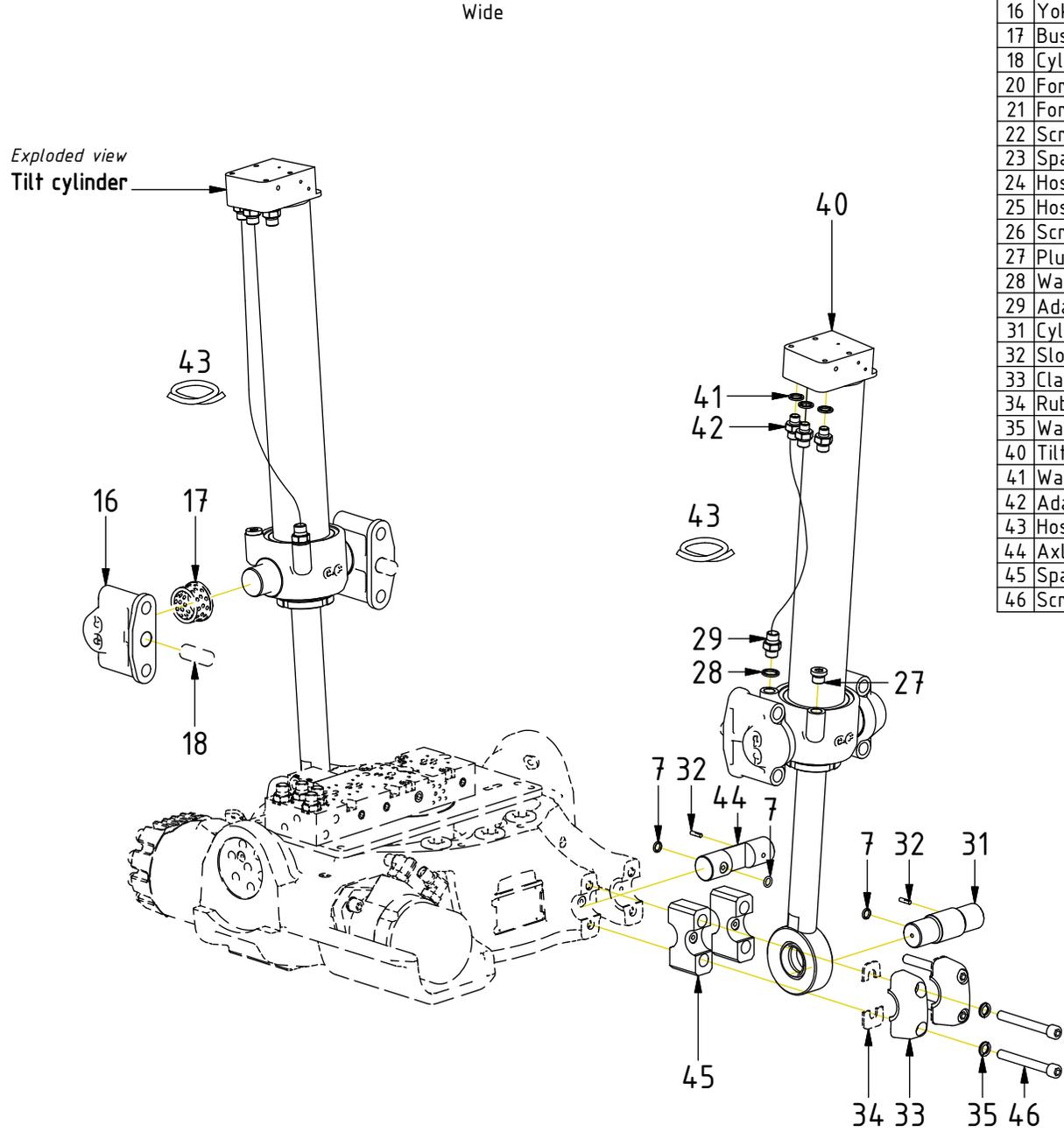


| POS | DESCRIPTION                    | PART    | QTY | COMMENTS                         |
|-----|--------------------------------|---------|-----|----------------------------------|
| 7   | O-ring 9,92x2,62               | 710968  | 4   | QTY: 8 for option Wide           |
| 15  | Tilt cylinder EC219            | 1070275 | 2   |                                  |
| 16  | Yoke EC219 complete            | 1017151 | 4   | (POS.17-18 incl.)                |
| 17  | Bushing 40/50/55/5-30          | 631001  | 4   |                                  |
| 18  | Cylindrical pin ø20x50         | 650211  | 4   |                                  |
| 19  | For QS60 w/o ECO               |         |     | See "Top part"                   |
| 20  | For Feed 1/2" (option)         |         |     | See "Top part"                   |
| 22  | Screw MC6S M16x100 12.9 ZFSL   | 6000156 | 8   | QTY depends (4-8). Torque: 333Nm |
| 23  | Spacer 20mm                    | 1023777 | 4   |                                  |
| 24  | Hose terminal 8-hoses Left V2  | 1047137 | 1   |                                  |
| 25  | Hose terminal 8-hoses Right V2 | 1047138 | 1   |                                  |
| 26  | Screw MC6S M16x130 12.9 ZFSL   | 6000154 | 4   | Torque: 333Nm                    |
| 27  | Plug 70125-06 (3/8")           | 711504  | 2   |                                  |
| 28  | Washer GBR06 3/8               | 710703  | 8   | QTY: 2 for option Wide           |
| 29  | Adapter 136-06-06 (3/8")       | 710106  | 8   | QTY: 2 for option Wide           |
| 30  | Hose Tilt Short                | 742606  | 2   |                                  |
| 31  | Cylinder axle ø40              | 1016398 | 2   |                                  |
| 32  | Slotted pin 5x20               | 640413  | 2   | QTY: 4 for option Wide           |
| 33  | Clamping half 35 Complete      | 1016393 | 4   | (POS.34 incl.)                   |
| 34  | Rubber spacer clamping half    | 1016439 | 4   |                                  |
| 35  | Washer NL 12mm                 | 611042  | 8   |                                  |
| 36  | Screw MC6S M12x55 12.9 ZFSL    | 6000155 | 8   | Torque: 136Nm                    |
| 37  | Shim Yoke bracket              | 1007041 | 4   | For option Shimmed Tilt cyl.     |
| 38  | Screw MC6S M16x110 12.9 ZFSL   | 6000253 | 4   | QTY depends (4-8). Torque: 333Nm |
| 39  | Screw MC6S M16x140 12.9 ZFSL   | 6000152 | 4   | Torque: 333Nm                    |

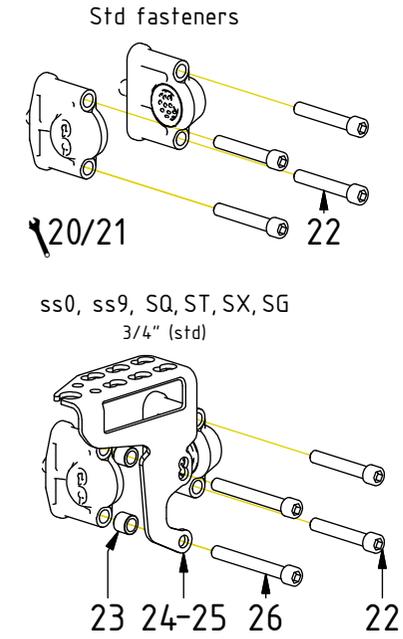


# EC219 ECHF - Std. Top components

POS in order of assembly



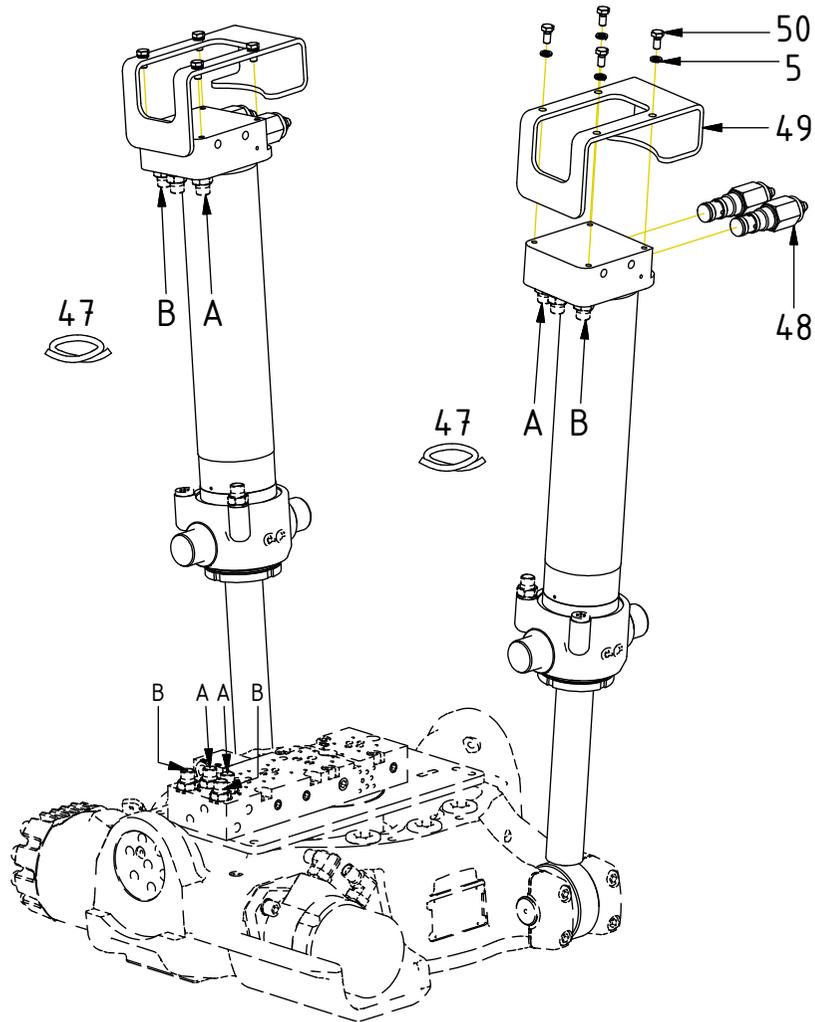
| POS | DESCRIPTION                    | PART    | QTY | COMMENTS                         |
|-----|--------------------------------|---------|-----|----------------------------------|
| 7   | O-ring 9,92x2,62               | 710968  | 4   | QTY: 8 for option Wide           |
| 16  | Yoke EC219 complete            | 1017151 | 4   | (POS.17-18 incl.)                |
| 17  | Bushing 40/50/55/5-30          | 631001  | 4   |                                  |
| 18  | Cylindrical pin ø20x50         | 650211  | 4   |                                  |
| 20  | For Feed 1/2" (option)         |         |     | See "Top part"                   |
| 21  | For T620V                      |         |     | See "Top part"                   |
| 22  | Screw MC6S M16x100 12.9 ZFSHL  | 6000156 | 8   | QTY depends (4-8). Torque: 333Nm |
| 23  | Spacer 20mm                    | 1023777 | 4   |                                  |
| 24  | Hose terminal 8-hoses Left V2  | 1047137 | 1   |                                  |
| 25  | Hose terminal 8-hoses Right V2 | 1047138 | 1   |                                  |
| 26  | Screw MC6S M16x130 12.9 ZFSHL  | 6000154 | 4   | Torque: 333Nm                    |
| 27  | Plug 70125-06 (3/8")           | 711504  | 2   |                                  |
| 28  | Washer GBR06 3/8               | 710703  | 8   | QTY: 2 for option Wide           |
| 29  | Adapter 136-06-06 (3/8")       | 710106  | 8   | QTY: 2 for option Wide           |
| 31  | Cylinder axle ø40              | 1016398 | 2   |                                  |
| 32  | Slotted pin 5x20               | 640413  | 2   | QTY: 4 for option Wide           |
| 33  | Clamping half 35 Complete      | 1016393 | 4   | (POS.34 incl.)                   |
| 34  | Rubber spacer clamping half    | 1016439 | 4   |                                  |
| 35  | Washer NL 12mm                 | 611042  | 8   |                                  |
| 40  | Tilt cylinder EC219 Wide       | 1023811 | 2   |                                  |
| 41  | Washer GBR04 1/4               | 710702  | 8   |                                  |
| 42  | Adapter 135-04-06 (1/4"-3/8")  | 710118  | 6   |                                  |
| 43  | Hose Tilt Short Wide           | 7000563 | 2   |                                  |
| 44  | Axle for spacer Wide           | 1016534 | 2   |                                  |
| 45  | Spacer tilt cylinder Wide      | 1016533 | 4   |                                  |
| 46  | Screw MC6S M12x100 12.9 ZFSHL  | 611514  | 8   | Torque: 136Nm                    |



TILT  
Standard

| POS | DESCRIPTION                  | PART    | QTY | COMMENTS     |
|-----|------------------------------|---------|-----|--------------|
| 5   | Washer NL 8mm                | 611040  | 16  |              |
| 47  | Hose Tilt Long               | 7000027 | 4   |              |
| 48  | Overcentre valve 4:1         | 730277  | 4   | Torque: 60Nm |
| 49  | Hose protection Tiltcylinder | 1014280 | 2   |              |
| 50  | Screw M6S M8x16 8,8 FZB      | 610122  | 8   |              |

POS in order of assembly

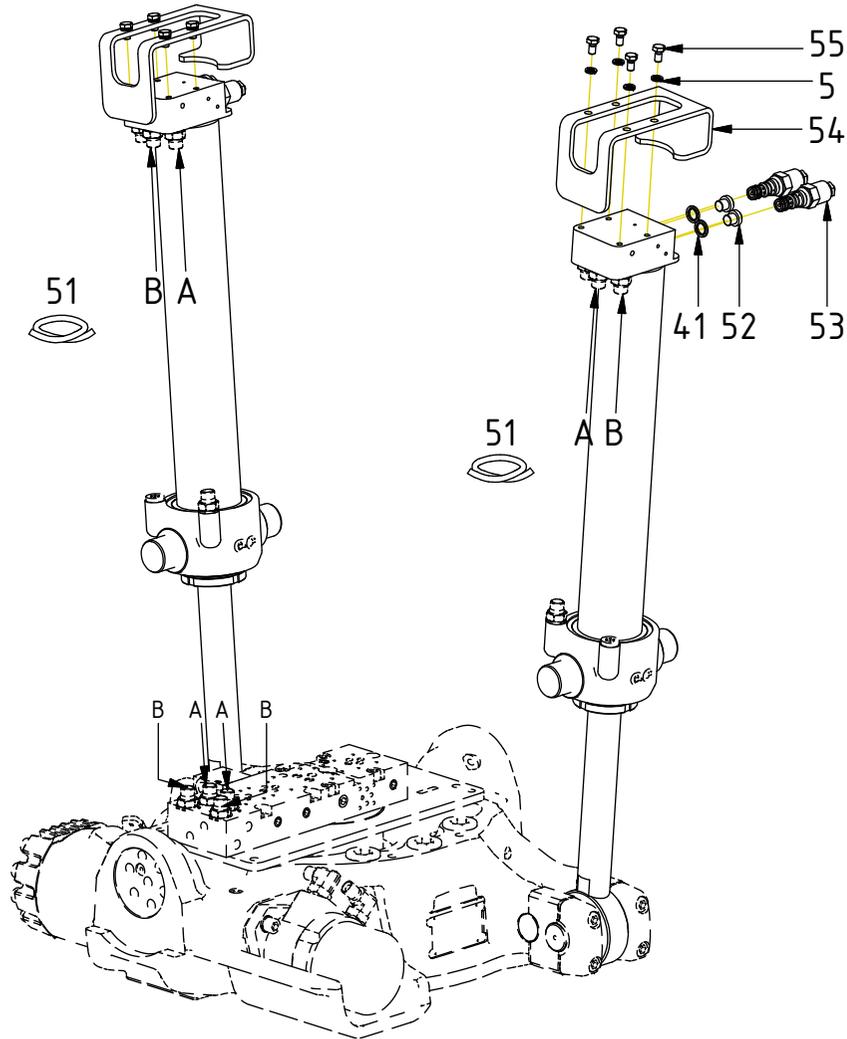


# EC219 ECHF - Std. Top components

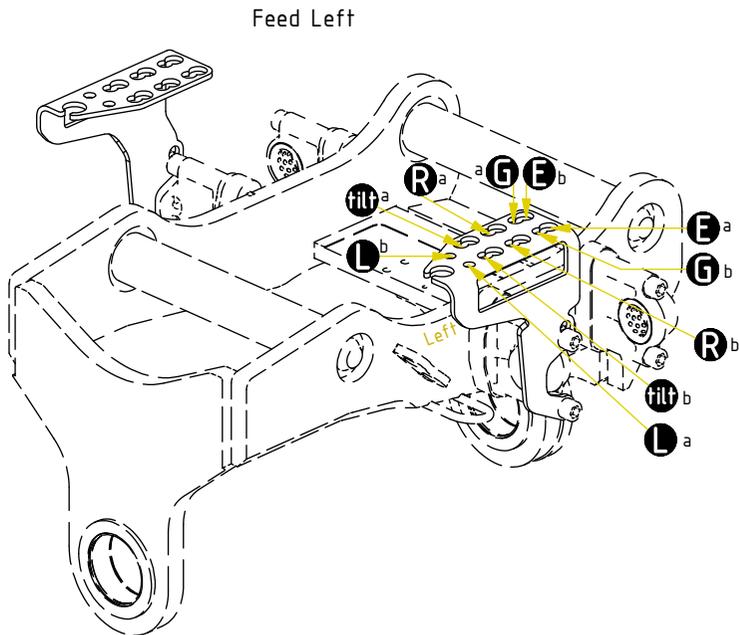
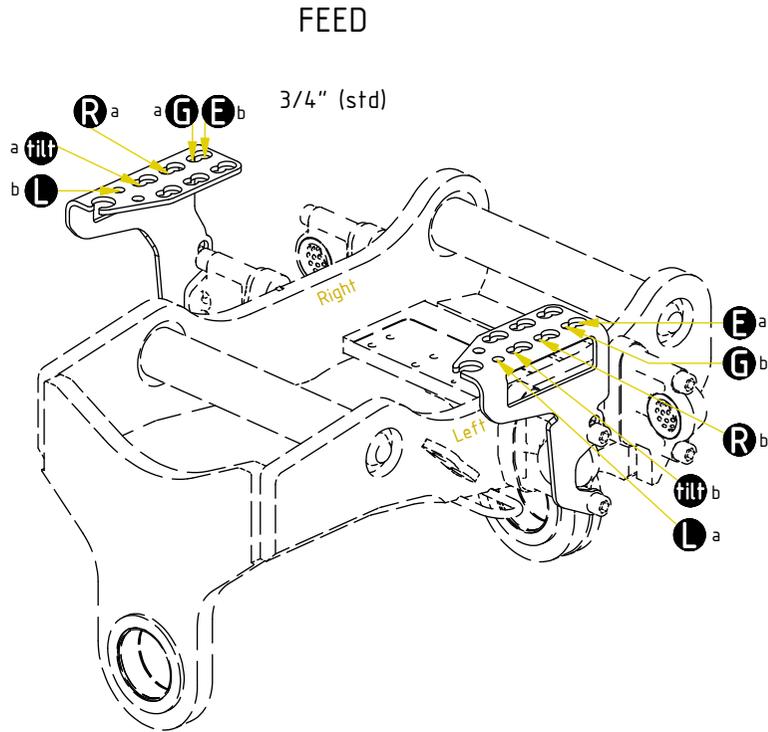
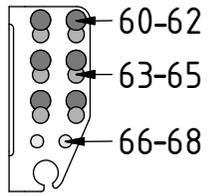
TILT  
Wide

| POS | DESCRIPTION                       | PART    | QTY | COMMENTS     |
|-----|-----------------------------------|---------|-----|--------------|
| 5   | Washer NL 8mm                     | 611040  | 16  |              |
| 41  | Washer GBR04 1/4                  | 710702  | 8   |              |
| 51  | Hose Tilt Long Wide               | 7000031 | 4   |              |
| 52  | Plug 1/4"                         | 711505  | 4   |              |
| 53  | Overcentre valve 10:1 adjustable  | 730269  | 4   | Torque: 45Nm |
| 54  | Hose protection Tiltcylinder Wide | 1003774 |     |              |
| 55  | Screw M6S M8x14 8,8 FZB           | 610188  | 8   |              |

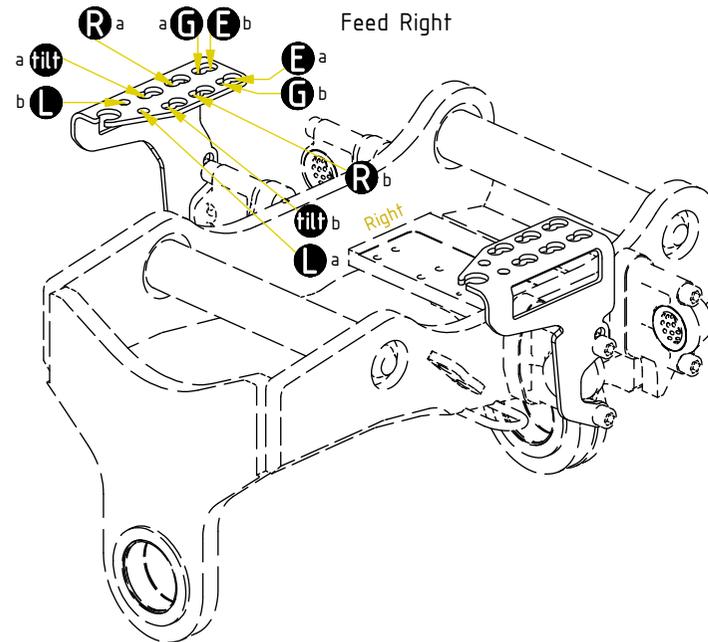
POS in order of assembly



# EC219 ECHF - Std. Top components



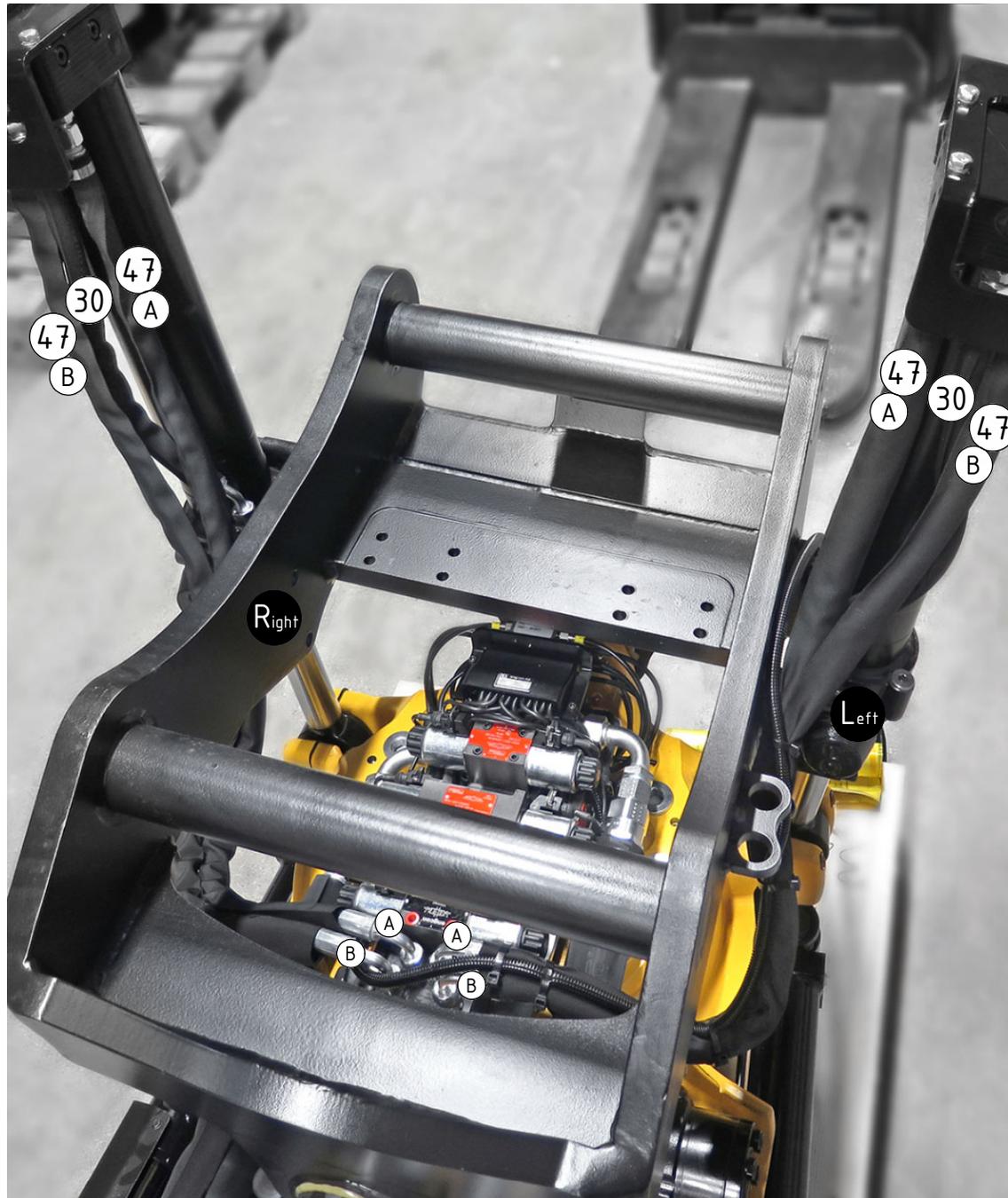
| POS | DESCRIPTION                       | PART   | QTY | COMMENTS             |
|-----|-----------------------------------|--------|-----|----------------------|
| 56  | Main Feed T&P depends on top part |        |     | See "Top part"       |
| 57  | For Feed 1/2" (option)            |        |     | See "Top part"       |
| 58  | For Menzi Muck                    |        |     | See "Top part"       |
| 59  | For Functions & Feed Hoses        |        |     | See "Control system" |
| 60  | Washer NL 20mm                    | 611098 | 2   |                      |
| 61  | Adapter 1260-08-08 (1/2")         | 710244 | 2   |                      |
| 62  | Counternut 1270-08 (1/2")         | 710254 | 2   |                      |
| 63  | Washer NL 16mm                    | 611044 | 2   |                      |
| 64  | Adapter 1260-06-32 (3/8")         | 710242 | 2   |                      |
| 65  | Counternut 1270-06 (3/8")         | 710252 | 2   |                      |
| 66  | Washer NL 1/2"                    | 611096 | 2   |                      |
| 67  | Adapter 1260-04-04 (1/4")         | 710240 | 2   |                      |
| 68  | Counternut 1270-04 (1/4")         | 710250 | 2   |                      |



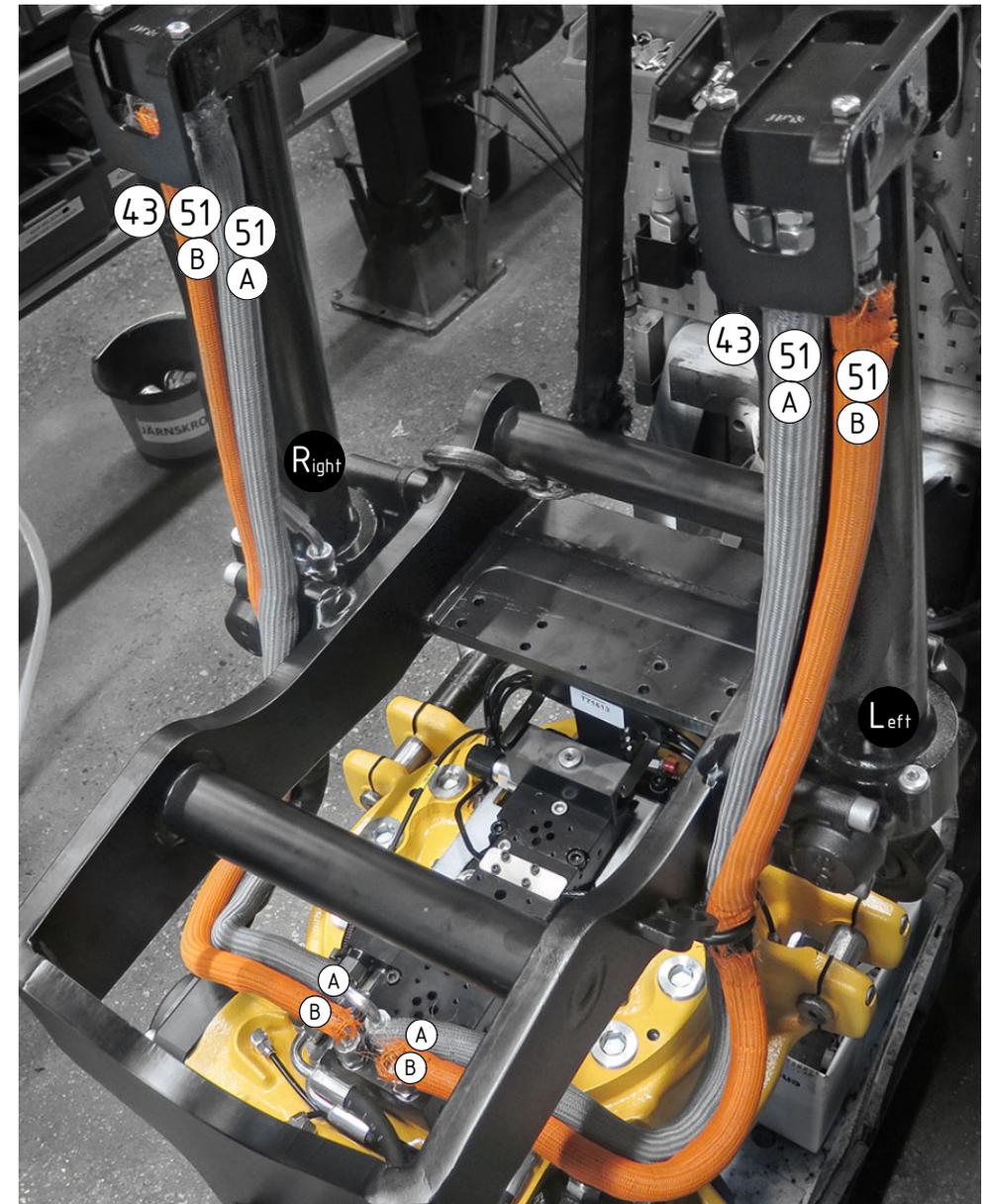
POS in order of assembly

TILT  
Standard

| POS | DESCRIPTION          | PART    | QTY | COMMENTS |
|-----|----------------------|---------|-----|----------|
| 30  | Hose Tilt Short      | 742606  | 2   |          |
| 43  | Hose Tilt Short Wide | 7000563 | 2   |          |
| 47  | Hose Tilt Long       | 7000027 | 4   |          |
| 51  | Hose Tilt Long Wide  | 7000031 |     |          |



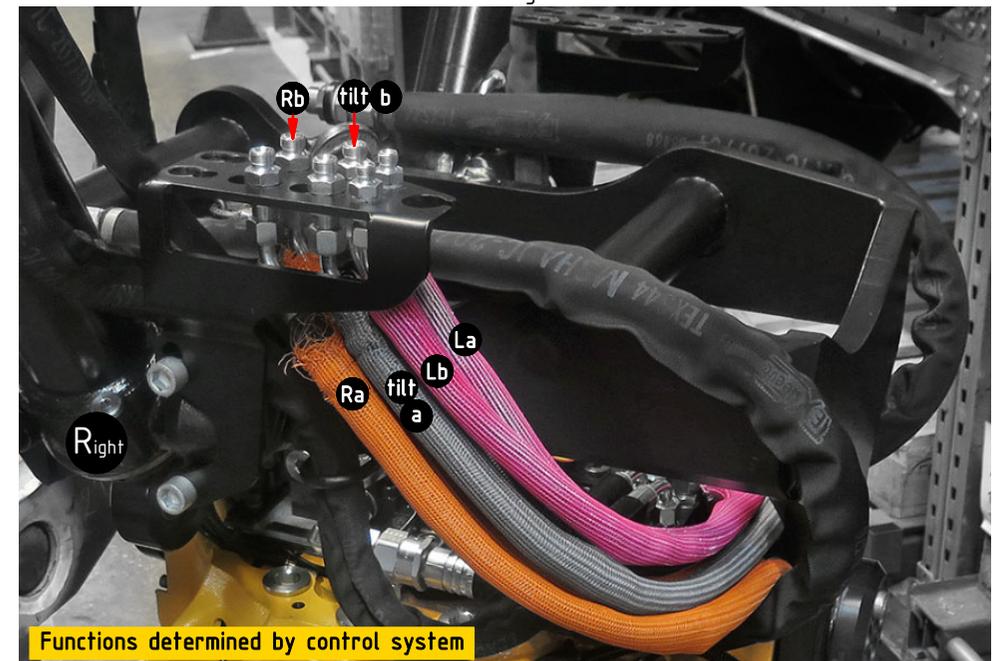
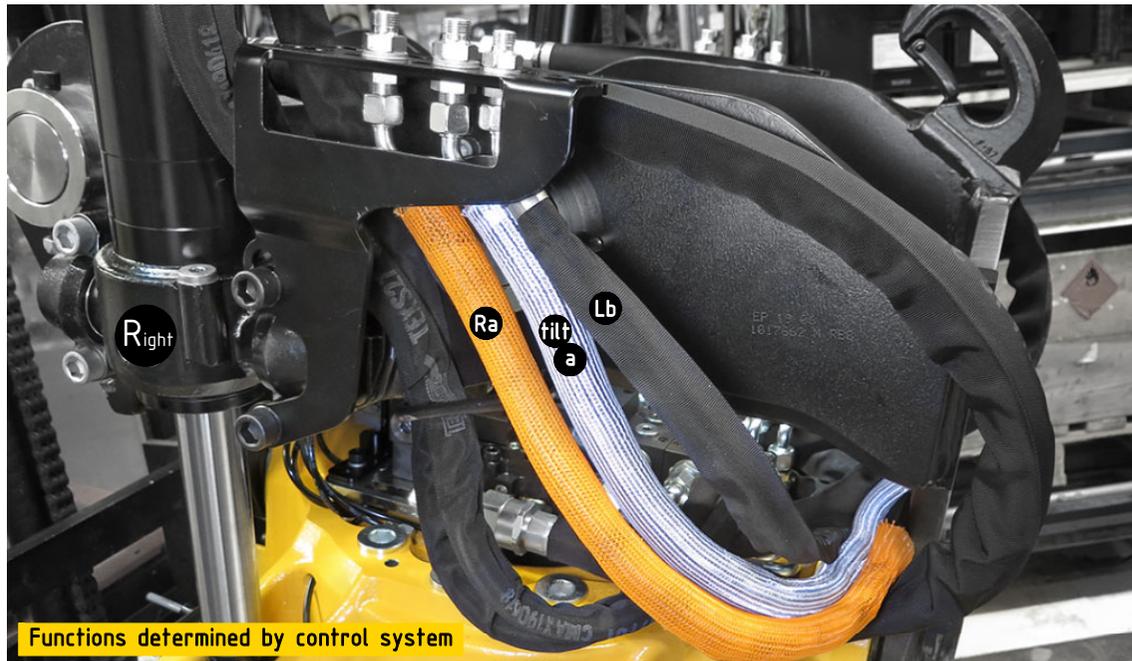
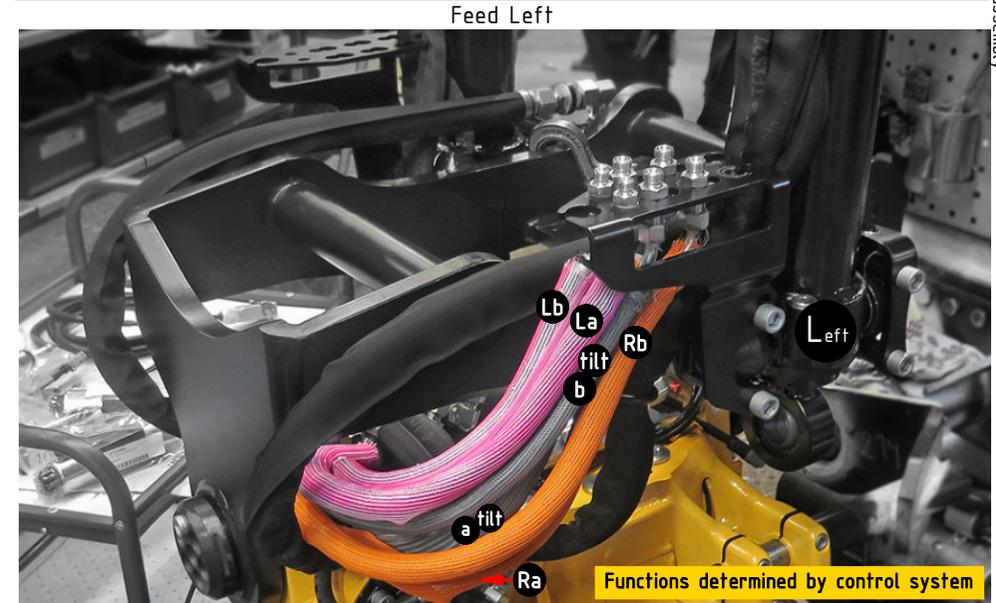
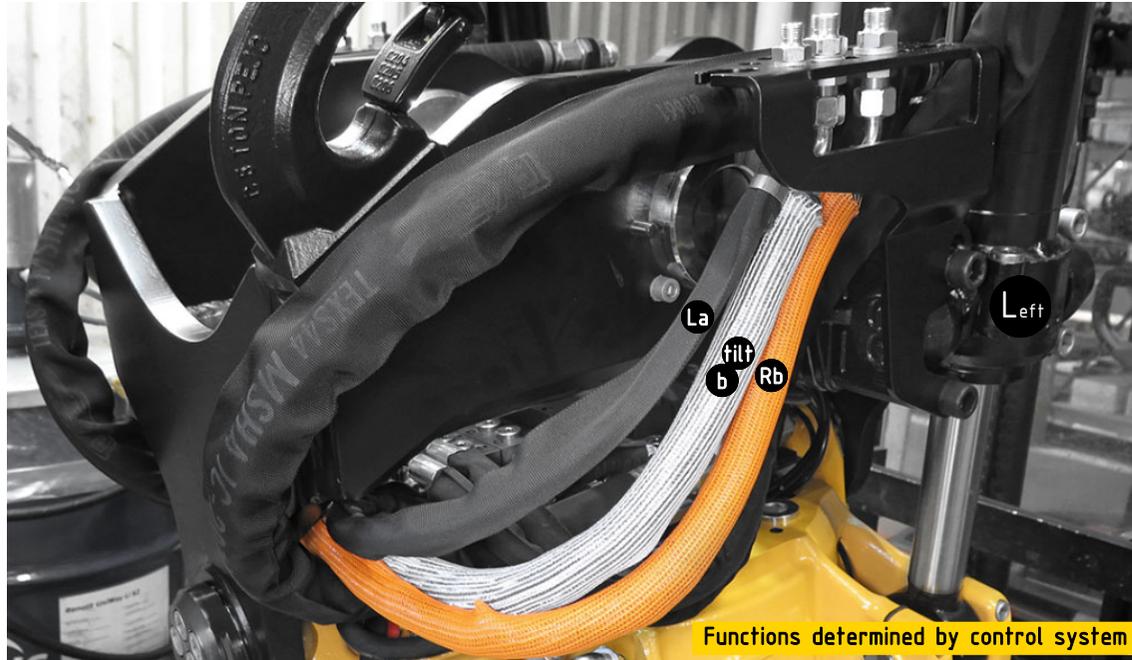
Wide



POS in order of assembly

FEED  
3/4" (std)

| POS | DESCRIPTION                       | PART | QTY | COMMENTS             |
|-----|-----------------------------------|------|-----|----------------------|
| 56  | Main Feed T&P depends on top part |      |     | See "Top part"       |
| 57  | For Feed 1/2" (option)            |      |     | See "Top part"       |
| 58  | For Menzi Muck                    |      |     | See "Top part"       |
| 59  | For Functions & Feed Hoses        |      |     | See "Control system" |

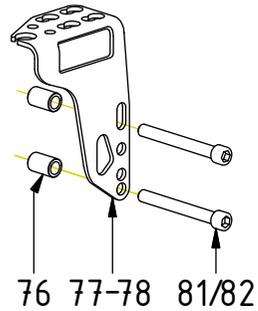


POS in order of assembly

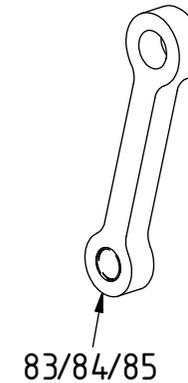
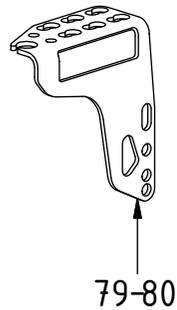
## SPARE PARTS

Replaced from 2018-05

ss0, ss9, SQ, ST, SX, SG



ss0 Grab



| POS | DESCRIPTION                    | PART    | QTY | COMMENTS                        |
|-----|--------------------------------|---------|-----|---------------------------------|
| 23  | Spacer 20mm                    | 1023777 | 4   |                                 |
| 24  | Hose terminal 8-hoses Left V2  | 1047137 | 1   |                                 |
| 25  | Hose terminal 8-hoses Right V2 | 1047138 | 1   |                                 |
| 26  | Screw MC6S M16x130 12.9 ZFSL   | 6000154 | 4   | Torque: 333Nm                   |
| 37  | Shim Yoke bracket              | 1007041 | 4   | For option Shimmed Tilt cyl.    |
| 76  | Spacer terminal 39mm           | 1005911 | 4   | Replaced by POS.23 from 2018-05 |
| 77  | Hose terminal 6 holes left     | 1005725 | 1   | Replaced by POS.24 from 2018-05 |
| 78  | Hose terminal 6 holes right    | 1005726 | 1   | Replaced by POS.25 from 2018-05 |
| 79  | Hose terminal 8 hoses left     | 1038105 | 1   | Replaced by POS.24 from 2018-05 |
| 80  | Hose terminal 8 hoses right    | 1038106 | 1   | Replaced by POS.25 from 2018-05 |
| 81  | Screw MC6S M16x140 12.9        | 610576  | 4   | Replaced by POS.26 from 2018-05 |
| 82  | Screw MC6S M16x150 12.9        | 610537  | 4   | For option Shimmed Tilt cyl.    |
| 83  | Rotator arm compl. UNI         | 1024491 | 2   | Instead of tilt cylinders       |
| 84  | Rotator arm compl. S1          | 1023932 | 2   | Instead of tilt cylinders       |
| 85  | Rotator arm compl. VTN         | 1041919 | 2   | Instead of tilt cylinders       |

POS in order of assembly