

## **Spare parts list**

(1.077-902.0) HDS 7/9-4 M \*GB

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## HDS 7/9-4 M \*GB (1.077-902.0)

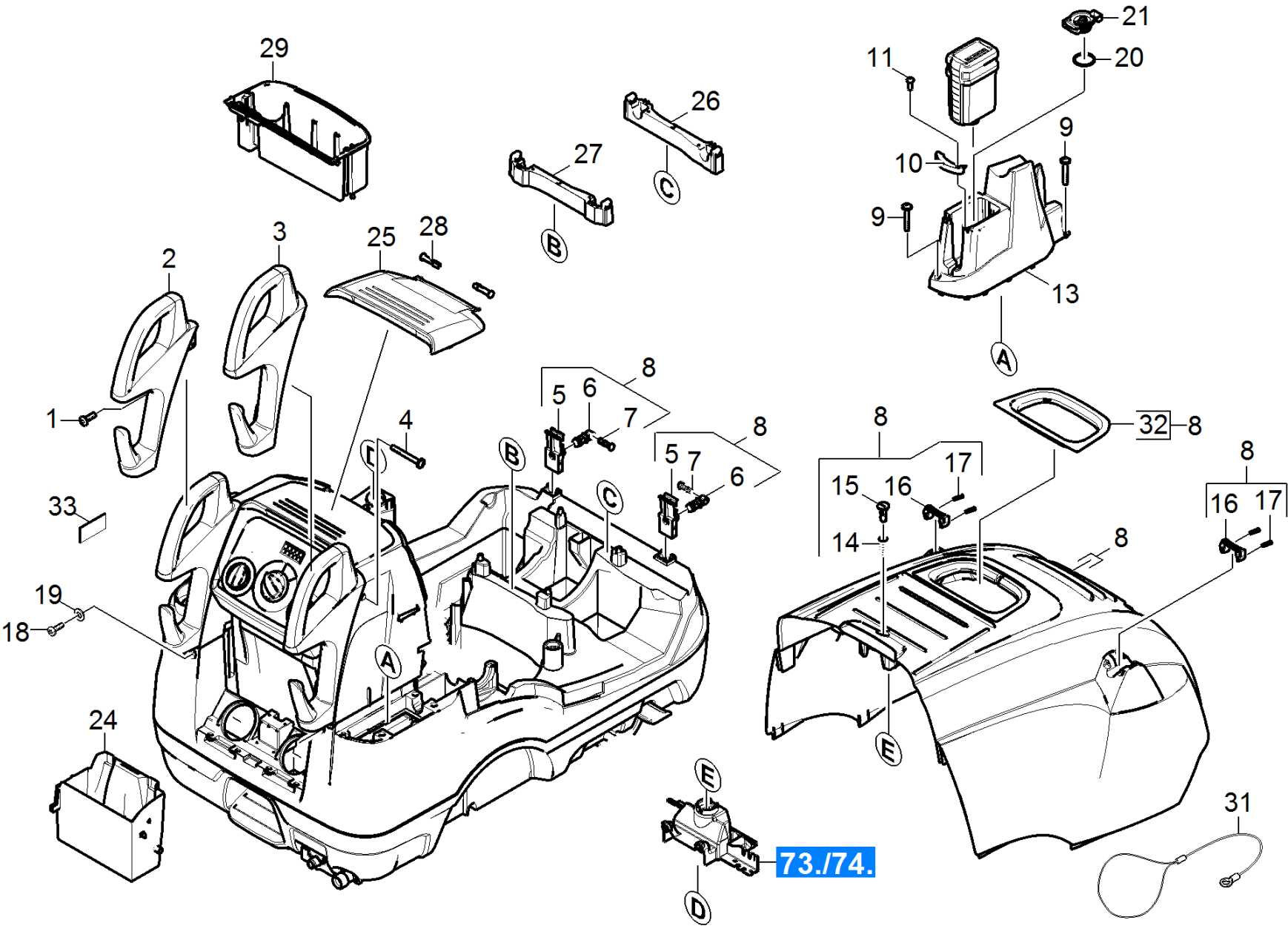
| POS  | Article no. | Description                     | Quantity | Unit |
|------|-------------|---------------------------------|----------|------|
| 0    | 2.002-047.0 | HDS 7/9-4 M *GB TV 01.01.2018   | 1.000    | ST   |
| 0    | 5.973-826.0 | Spare parts list HDS 7/9-4M *GB | 1.000    | ST   |
| 1020 |             | Short spare parts list          | 1.000    | ST   |

| POS | Description          | Quantity | Unit |
|-----|----------------------|----------|------|
| 10  | Housing              | 1.000    | ST   |
| 20  | Pump set             | 1.000    | ST   |
| 30  | Motor                | 1.000    | ST   |
| 40  | Blower               | 1.000    | ST   |
| 50  | Fuel pump and filter | 1.000    | ST   |
| 60  | Electric control box | 1.000    | ST   |
| 70  | Flow heater          | 1.000    | ST   |
| 80  | Float valve          | 1.000    | ST   |
| 90  | Safety system        | 1.000    | ST   |
| 100 | Accessories          | 1.000    | ST   |
| 110 | Control panel        | 1.000    | ST   |

## 10 Housing

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| POS | Description         | Quantity | Unit |
|-----|---------------------|----------|------|
| 11  | Housing top part    | 1.000    | ST   |
| 12  | Housing bottom part | 1.000    | ST   |



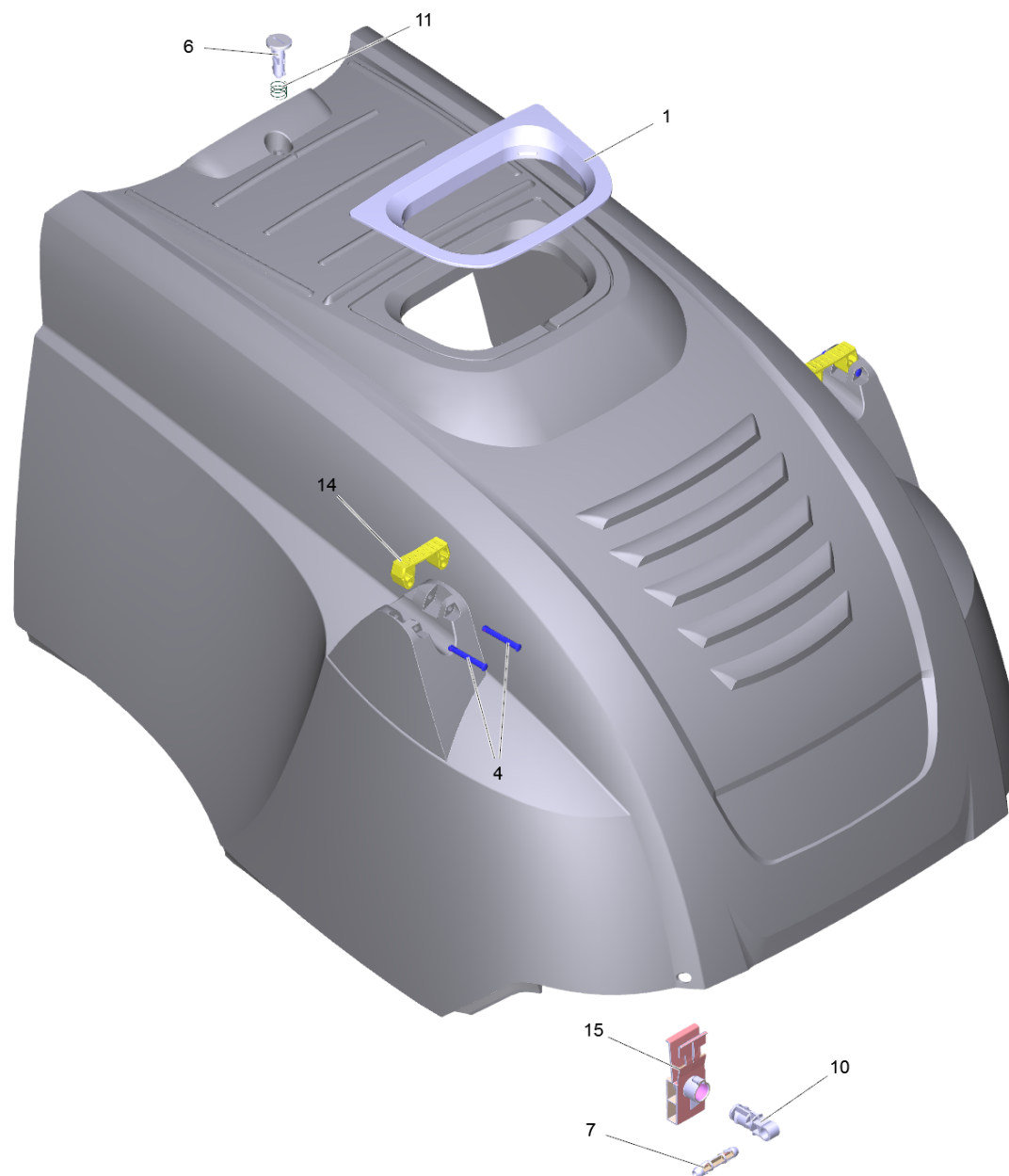
## 11 Housing top part

| POS | Article no. | Description                              | Quantity | Unit |
|-----|-------------|------------------------------------------|----------|------|
| 1   | 7.303-069.0 | Screw M 8x25-ST-R3R (IN6RD)              | 2.000    | ST   |
| 2   | 5.321-830.0 | Sliding handle left                      | 1.000    | ST   |
| 3   | 5.321-831.3 | Sliding handle right                     | 1.000    | ST   |
| 4   | 7.303-209.0 | Screw 6x50 -10.9-R2R (K-In6Rd)           | 2.000    | ST   |
| 5   | 5.501-083.0 | Hinge cover black                        | 2.000    | ST   |
| 6   | 5.317-779.0 | Bolt hinge black                         | 2.000    | ST   |
| 7   | 5.317-291.0 | Bolt                                     | 2.000    | ST   |
| 8   | 4.066-426.0 | Device cover complete only for replaceme | 1.000    | ST   |
| 9   | 7.303-086.0 | Screw 5x30 -10.9-R2R (K-In6Rd)           | 2.000    | ST   |
| 10  | 5.033-381.0 | Profile                                  | 1.000    | ST   |
| 11  | 7.303-106.0 | Screw 4x12 -10.9-R2R (IN6RD)             | 1.000    | ST   |
| 13  | 5.033-344.0 | Covering cap DGT                         | 1.000    | ST   |
| 14  | 5.332-236.0 | Helical spring                           | 1.000    | ST   |
| 15  | 5.317-765.0 | Bolt closure cover                       | 1.000    | ST   |
| 16  | 5.424-162.0 | Fixing jet pipe                          | 2.000    | ST   |
| 17  | 5.314-143.0 | Pin fixing jet pipe                      | 4.000    | ST   |
| 18  | 6.303-497.0 | Screw M8x35-8.8-A2E (IN6RD)              | 2.000    | ST   |
| 19  | 7.312-277.0 | Washer 8-200HV-A2E ISO7093-1             | 2.000    | ST   |
| 20  | 6.362-377.0 | O-Ring seal 38,0 X 2,0-NBR 70            | 1.000    | ST   |
| 21  | 5.425-495.0 | CONNECTION PIECE DGT                     | 1.000    | ST   |
| 24  | 5.033-155.0 | Flap                                     | 1.000    | ST   |
| 25  | 5.033-113.0 | Flap                                     | 1.000    | ST   |
| 26  | 5.190-254.0 | Strip cover                              | 1.000    | ST   |
| 27  | 5.190-253.0 | Strip boiler                             | 1.000    | ST   |
| 28  | 5.317-220.0 | Bolt                                     | 2.000    | ST   |
| 29  | 5.033-112.0 | Storage compartment                      | 1.000    | ST   |
| 31  | 6.431-284.0 | Tackle cover                             | 1.000    | ST   |
| 32  | 5.061-455.0 | Sheet metal component                    | 1.000    | ST   |
| 33  | 5.387-620.0 | Warning sticker-Prevent from freezing    | 1.000    | ST   |

8 Device cover complete only for replaceme (4.066-426.0)

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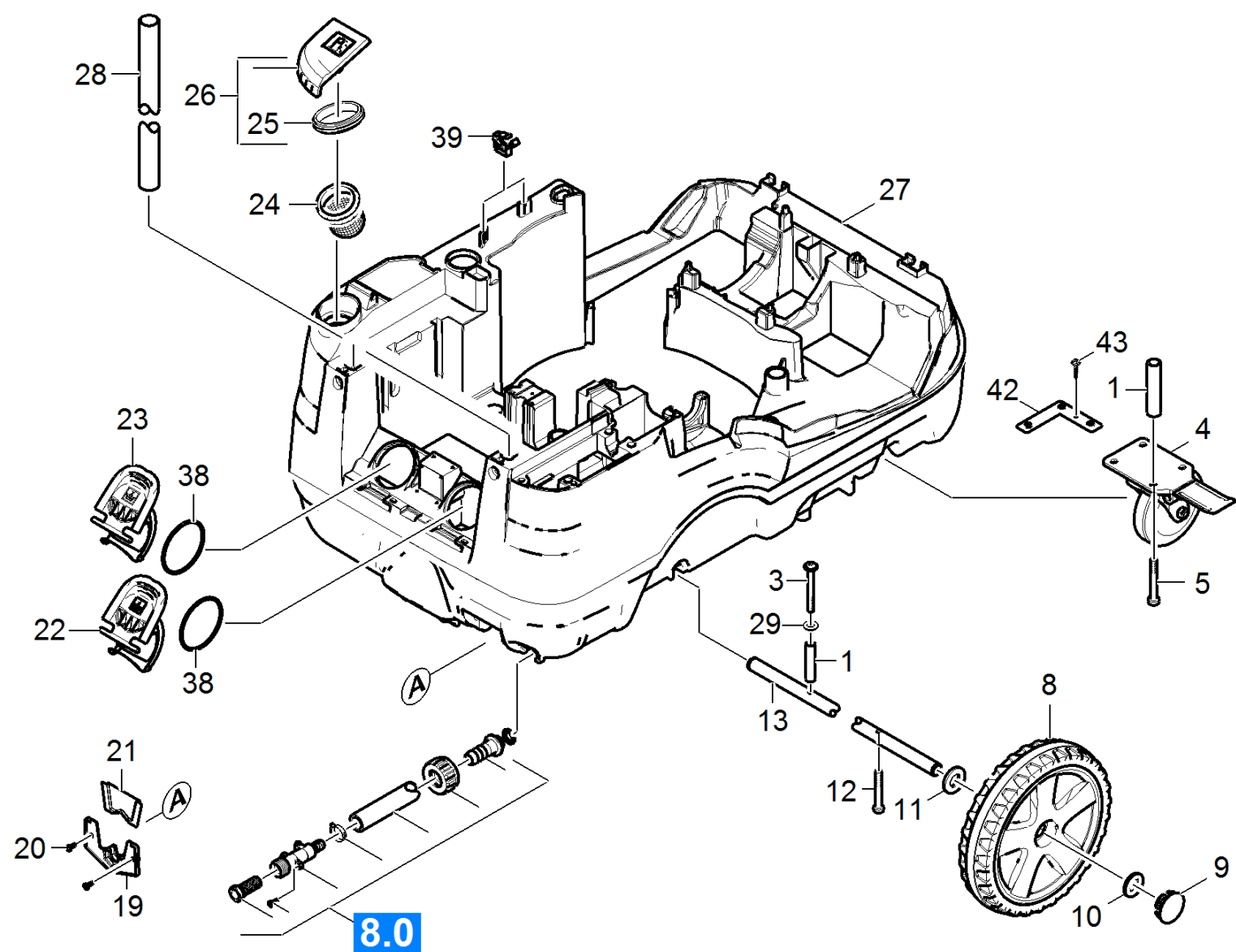
| POS | Description                              | Quantity | Unit |
|-----|------------------------------------------|----------|------|
| 1   | Device cover complete basalt grey RAL 70 | 1.000    | ST   |



## 1 Device cover complete basalt grey RAL 70

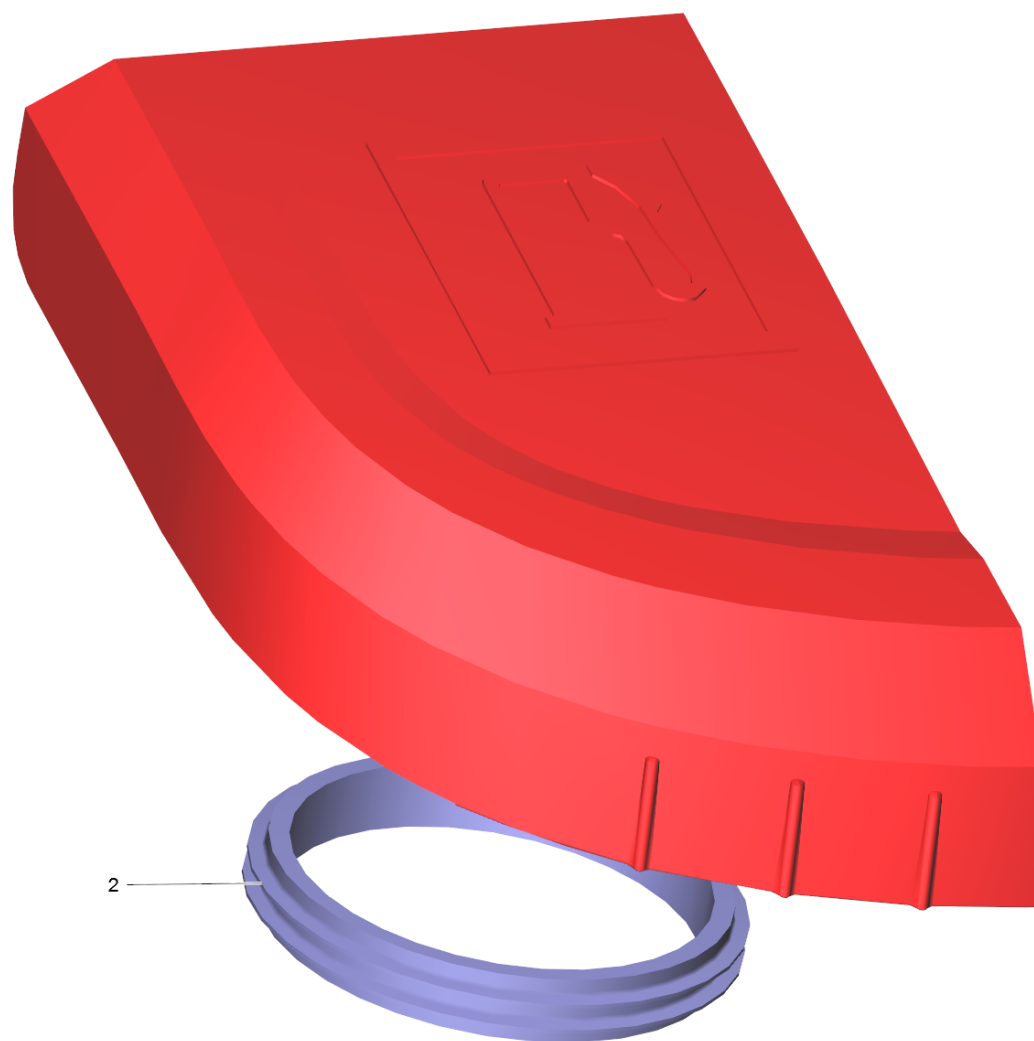
| POS | Article no. | Description           | Quantity | Unit |
|-----|-------------|-----------------------|----------|------|
| 1   | 5.061-455.0 | Sheet metal component | 1.000    | ST   |
| 4   | 5.314-143.0 | Pin fixing jet pipe   | 4.000    | ST   |
| 6   | 5.317-765.0 | Bolt closure cover    | 1.000    | ST   |
| 7   | 5.317-291.0 | Bolt                  | 2.000    | ST   |
| 10  | 5.317-779.0 | Bolt hinge black      | 2.000    | ST   |
| 11  | 5.332-236.0 | Helical spring        | 1.000    | ST   |
| 14  | 5.424-162.0 | Fixing jet pipe       | 2.000    | ST   |
| 15  | 5.501-083.0 | Hinge cover black     | 2.000    | ST   |





## 12 Housing bottom part

| POS | Article no. | Description                    | Quantity | Unit | Foot note text    |
|-----|-------------|--------------------------------|----------|------|-------------------|
| 1   | 5.111-065.0 | Spacer sleeve                  | 2.000    | ST   |                   |
| 3   | 7.303-236.0 | Screw M 8x60-St-A3E (IN6RD)    | 1.000    | ST   |                   |
| 4   | 6.435-747.0 | Castor                         | 1.000    | ST   |                   |
| 5   | 7.303-237.0 | Screw M 8x70-St-A3K (IN6RD)    | 3.000    | ST   |                   |
| 8   | 4.515-345.0 | Wheel complete                 | 2.000    | ST   |                   |
| 9   | 2.889-086.0 | Set wheel cap                  | 1.000    | ST   | SATZ MIT 2 STUECK |
| 10  | 6.343-162.0 | Lock washer -25                | 2.000    | ST   |                   |
| 11  | 7.312-060.0 | Washer 24-100HV-A3E ISO 7091   | 2.000    | ST   |                   |
| 12  | 7.303-236.0 | Screw M 8x60-St-A3E (IN6RD)    | 1.000    | ST   |                   |
| 13  | 5.105-652.0 | Axle                           | 1.000    | ST   |                   |
| 19  | 5.263-087.0 | Tensioning part                | 1.000    | ST   |                   |
| 20  | 7.303-086.0 | Screw 5x30 -10.9-R2R (K-In6Rd) | 2.000    | ST   |                   |
| 21  | 5.263-088.0 | Tensioning part                | 1.000    | ST   |                   |
| 22  | 5.064-231.0 | Cover chemistry 2              | 1.000    | ST   |                   |
| 23  | 5.064-221.0 | Cover chemistry 1              | 1.000    | ST   |                   |
| 24  | 5.731-039.0 | Filter                         | 1.000    | ST   |                   |
| 25  | 5.363-300.0 | Joint ring                     | 1.000    | ST   |                   |
| 26  | 4.064-013.0 | Cover fuel complete            | 1.000    | ST   |                   |
| 27  | 4.051-109.0 | Frame neue M-Klasse Ersatz     | 1.000    | ST   |                   |
| 28  | 5.027-292.0 | Tube handhold                  | 1.000    | ST   |                   |
| 29  | 7.312-277.0 | Washer 8-200HV-A2E ISO7093-1   | 1.000    | ST   |                   |
| 38  | 6.363-443.0 | O-Ring seal 75x5               | 2.000    | ST   |                   |
| 39  | 5.802-306.0 | Holder cable                   | 2.000    | ST   |                   |
| 42  | 5.424-137.0 | Fixing castor                  | 1.000    | ST   |                   |
| 43  | 7.303-107.0 | Screw 5x16 -10.9-P2R (K-In6Rd) | 1.000    | ST   |                   |



26 Cover fuel complete (4.064-013.0)

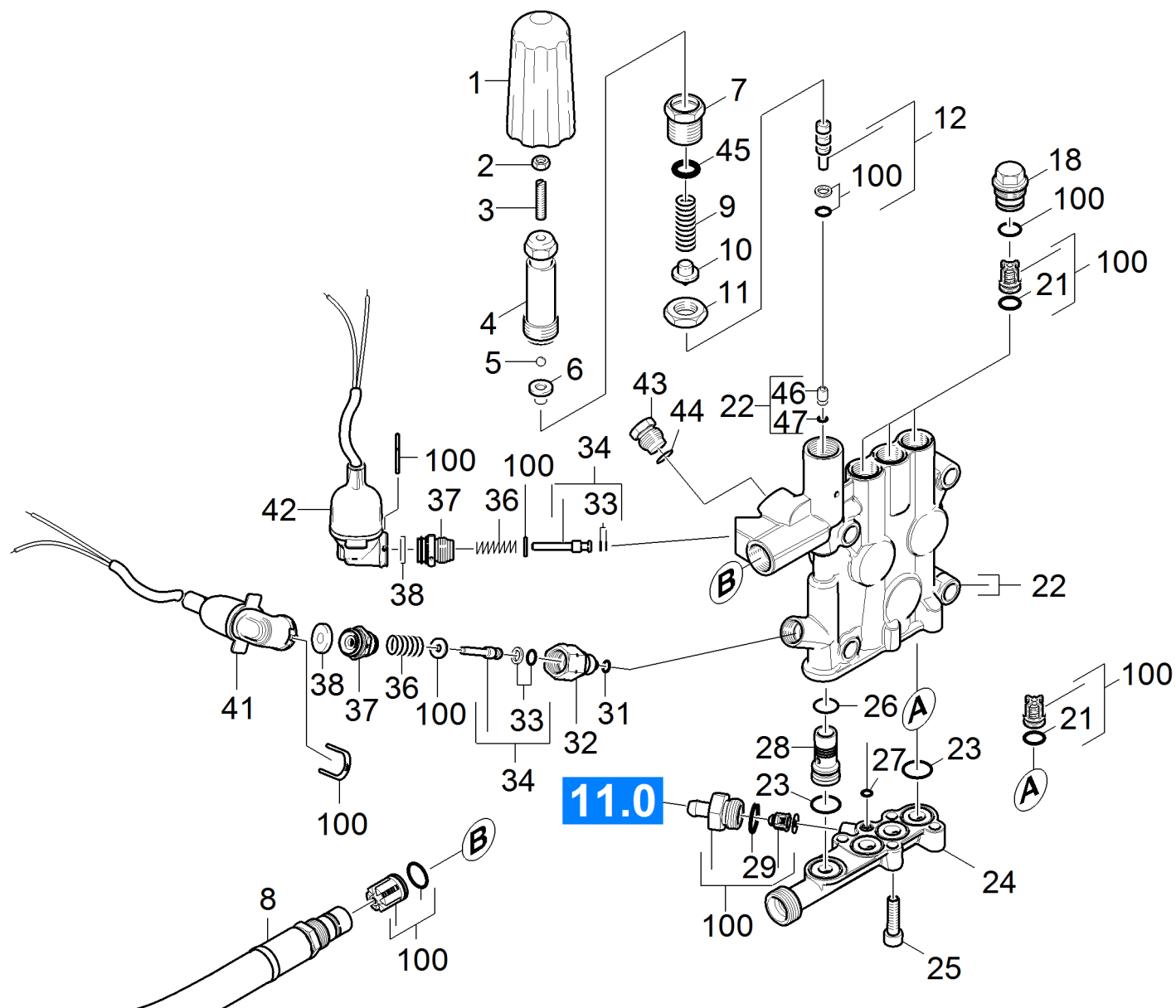
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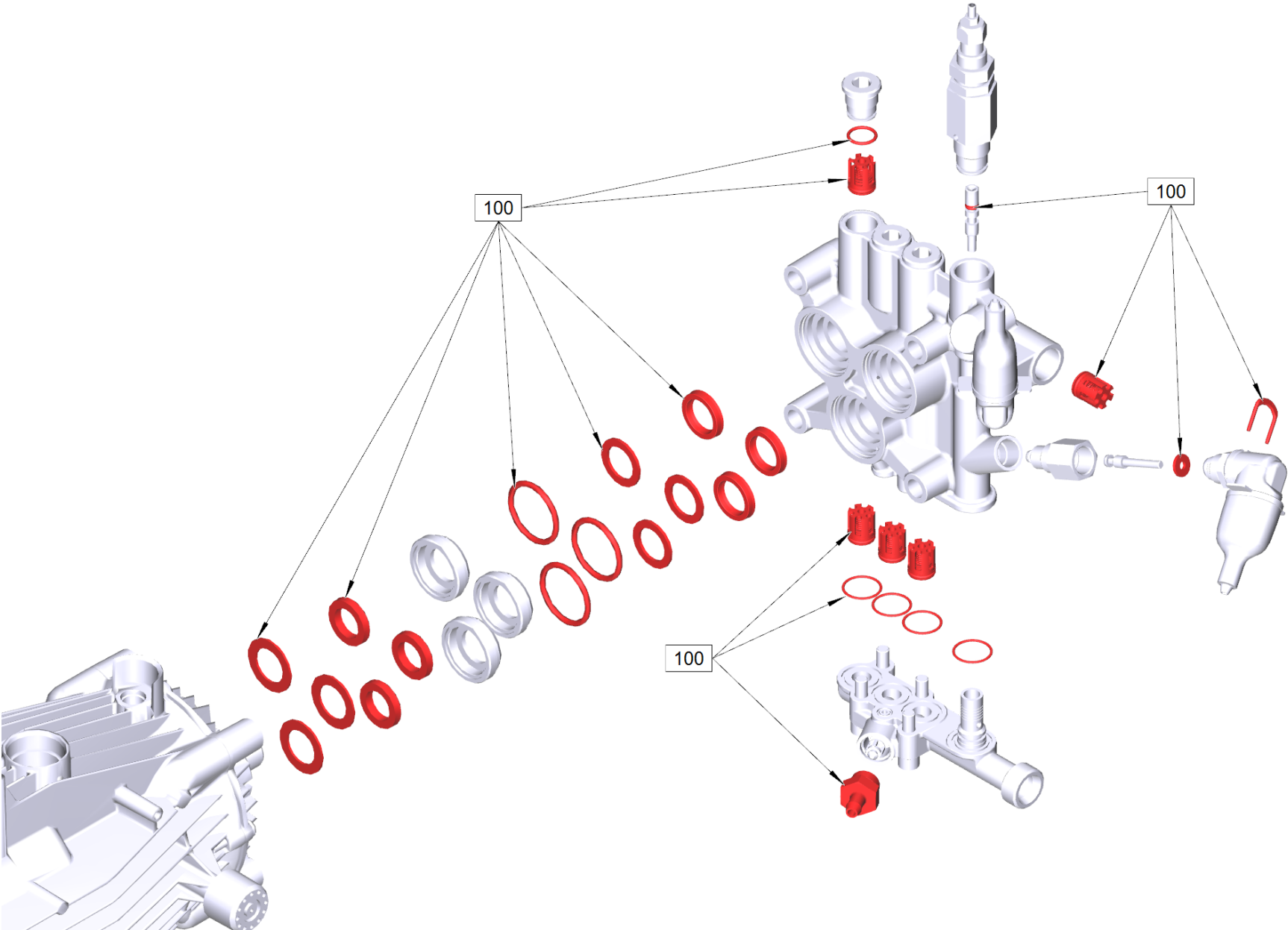
| POS | Article no. | Description | Quantity | Unit |
|-----|-------------|-------------|----------|------|
| 2   | 5.363-300.0 | Joint ring  | 1.000    | ST   |

## 20 Pump set

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| POS | Description   | Quantity | Unit |
|-----|---------------|----------|------|
| 21  | Cylinder head | 1.000    | ST   |
| 22  | Piston        | 1.000    | ST   |





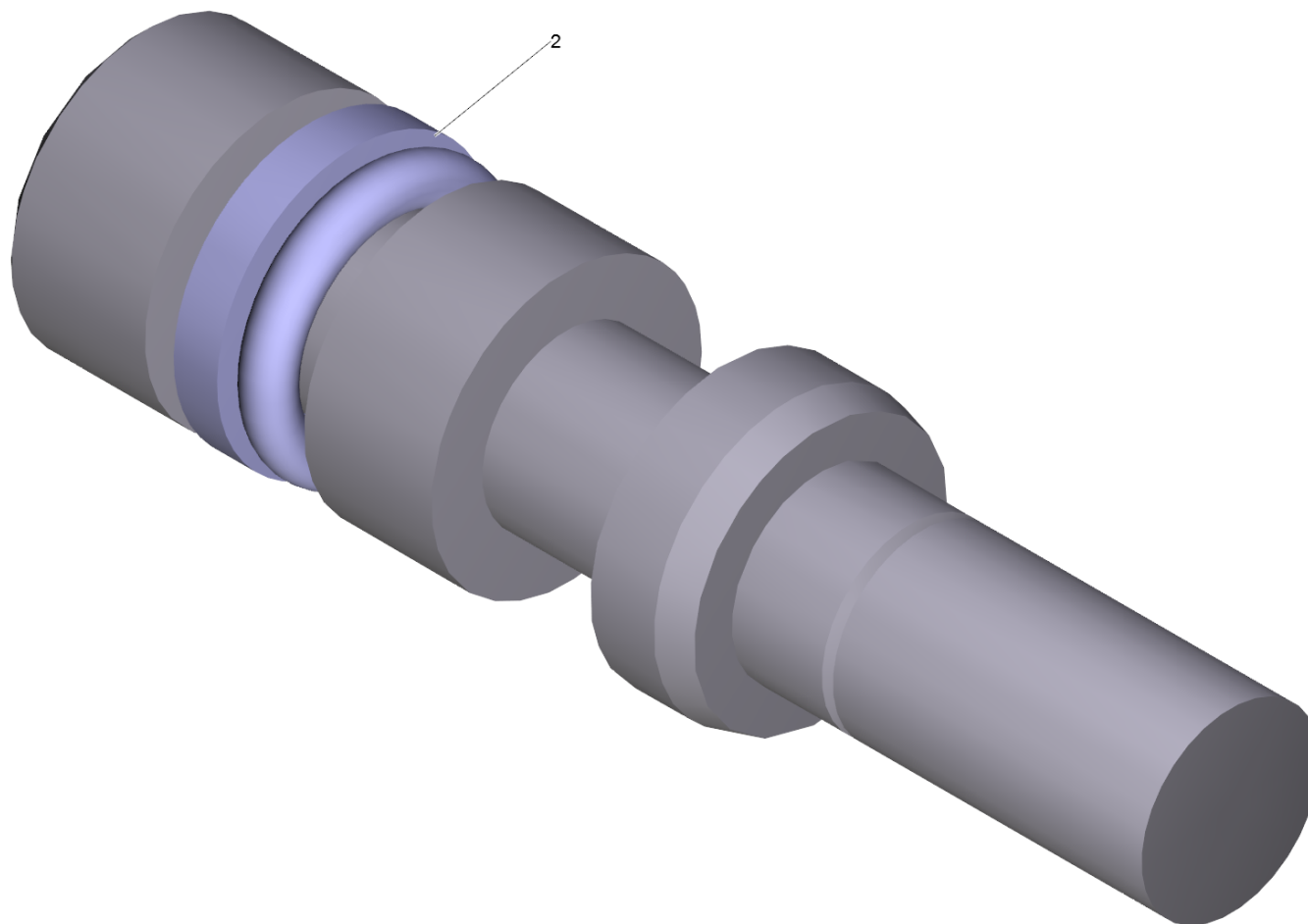
## 21 Cylinder head

| POS | Article no. | Description                             | Quantity | Unit |
|-----|-------------|-----------------------------------------|----------|------|
| 1   | 5.322-103.0 | Handle                                  | 1.000    | ST   |
| 2   | 7.311-002.0 | Hexagon nut M5 -6-A2E ISO 4032          | 1.000    | ST   |
| 3   | 7.307-017.0 | Threaded pin M5x40 -St-45H-A2E ISO 4026 | 1.000    | ST   |
| 4   | 5.304-070.0 | Hexagonal head screw                    | 1.000    | ST   |
| 5   | 7.401-931.0 | Sphere 5 K13 -1.4401 DIN 5401           | 1.000    | ST   |
| 6   | 5.582-121.0 | Valve disc                              | 1.000    | ST   |
| 7   | 5.404-082.0 | Hollow screw                            | 1.000    | ST   |
| 8   | 6.391-629.0 | High pressure hose DN 13                | 1.000    | ST   |
| 9   | 5.332-466.0 | Helical spring                          | 1.000    | ST   |
| 10  | 5.584-114.0 | Valve pin                               | 1.000    | ST   |
| 11  | 5.311-204.0 | Hexagon nut M22x1,5                     | 1.000    | ST   |
| 12  | 4.553-198.0 | Piston complete only for replacement    | 1.000    | ST   |
| 18  | 5.583-146.3 | Valve screw                             | 3.000    | ST   |
| 21  | 6.363-003.0 | O-Ring seal 13,0 X 2,0-NBR 90           | 6.000    | ST   |
| 22  | 4.550-888.0 | Cylinder head complete                  | 1.000    | ST   |
| 23  | 6.363-536.0 | O-Ring seal 21x1,5                      | 4.000    | ST   |
| 24  | 5.427-416.3 | Manifold water intake                   | 1.000    | ST   |
| 25  | 7.306-043.0 | Cylinder head screw M8x30 -8.8-A2E ISO  | 4.000    | ST   |
| 26  | 6.362-381.0 | O-Ring seal 13x2 - NBR 70               | 1.000    | ST   |
| 27  | 6.362-703.0 | O-Ring seal 6,0x1,5-NBR 70              | 1.000    | ST   |
| 28  | 5.110-797.0 | Sleeve                                  | 1.000    | ST   |
| 29  | 6.362-427.0 | O-Ring seal 15,0x2,0                    | 1.000    | ST   |
| 31  | 6.362-853.0 | O-Ring seal 4,47x1,78                   | 1.000    | ST   |
| 32  | 5.402-705.3 | Joining piece                           | 1.000    | ST   |
| 33  | 6.363-037.0 | O-Ring seal complete 1ST.-R.            | 2.000    | ST   |
| 34  | 4.553-197.0 | Piston complete only for replacement    | 2.000    | ST   |
| 36  | 5.332-268.0 | Helical spring                          | 2.000    | ST   |
| 37  | 5.411-148.0 | Screw plug                              | 2.000    | ST   |
| 38  | 5.367-030.0 | Diaphragm                               | 2.000    | ST   |
| 41  | 4.744-225.3 | Switch complete                         | 1.000    | ST   |
| 42  | 4.744-224.0 | Switch complete                         | 1.000    | ST   |
| 43  | 5.411-504.0 | Screw plug                              | 1.000    | ST   |
| 44  | 6.362-176.0 | O-Ring seal 6,07x1,78                   | 1.000    | ST   |



## 21 Cylinder head

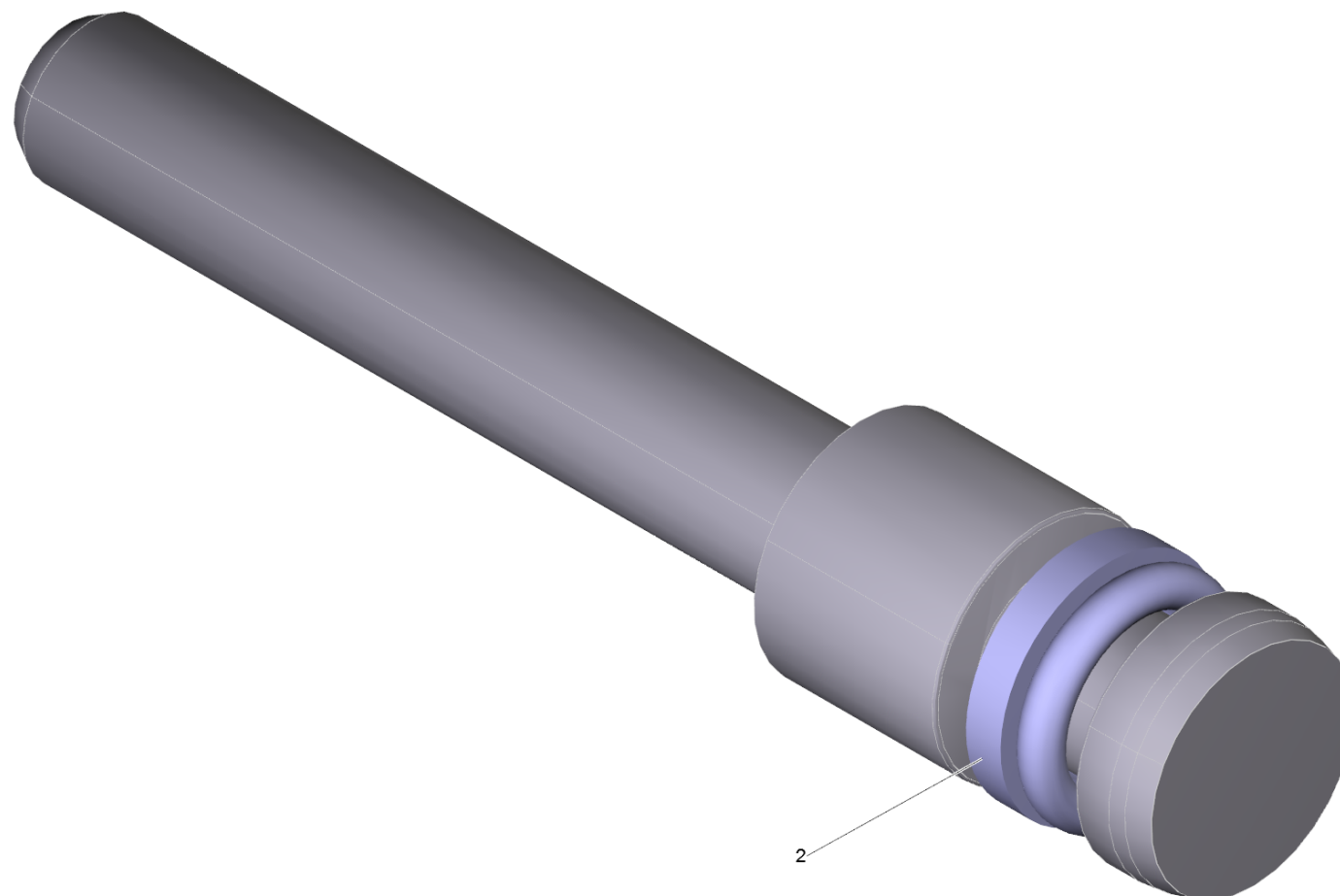
| POS | Article no. | Description                  | Quantity | Unit |
|-----|-------------|------------------------------|----------|------|
| 45  | 6.362-079.0 | O-Ring seal 18,0 X 2,5       | 1.000    | ST   |
| 46  | 5.581-239.0 | Valve seat                   | 1.000    | ST   |
| 47  | 6.362-386.0 | O-Ring seal 5,0 x 1,5-NBR 80 | 1.000    | ST   |
| 100 | 2.885-036.0 | Spare part set pump          | 1.000    | ST   |



12 Piston complete only for replacement (4.553-198.0)

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| POS | Article no. | Description                  | Quantity | Unit |
|-----|-------------|------------------------------|----------|------|
| 2   | 6.362-468.0 | O-Ring seal complete 1ST.-R. | 1.000    | ST   |



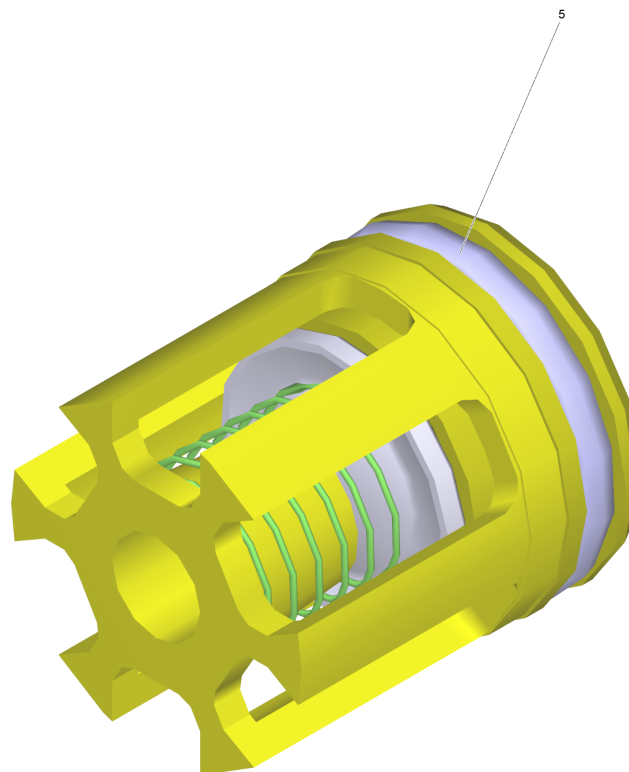
34 Piston complete only for replacement (4.553-197.0)

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| POS | Article no. | Description                  | Quantity | Unit |
|-----|-------------|------------------------------|----------|------|
| 2   | 6.363-037.0 | O-Ring seal complete 1ST.-R. | 1.000    | ST   |

## 100 Spare part set pump (2.885-036.0)

| POS | Article no. | Description                    | Quantity | Unit |
|-----|-------------|--------------------------------|----------|------|
| 1   | 2.884-512.0 | Valve (3 Stueck)               | 2.000    | ST   |
| 2   | 4.580-581.3 | Valve complete                 | 1.000    | ST   |
| 3   | 4.580-594.0 | Valve complete                 | 1.000    | ST   |
| 4   | 5.034-494.0 | Retaining bracket              | 2.000    | ST   |
| 5   | 5.115-431.0 | Washer                         | 3.000    | ST   |
| 6   | 5.115-432.0 | Washer                         | 3.000    | ST   |
| 7   | 5.115-796.0 | Washer                         | 2.000    | ST   |
| 8   | 6.362-406.0 | O-Ring seal 33,05X 1,78-NBR 70 | 3.000    | ST   |
| 9   | 6.362-468.0 | O-Ring seal complete 1ST.-R.   | 1.000    | ST   |
| 10  | 6.362-481.0 | O-Ring seal 14,0 x 2,0 NBR 80  | 3.000    | ST   |
| 11  | 6.362-547.0 | O-Ring seal 20,0x1,5-NBR 70    | 4.000    | ST   |
| 12  | 6.365-332.0 | Compact seal 18x28x5,8         | 3.000    | ST   |
| 13  | 6.365-333.0 | Grooved ring 18X26X5,4         | 3.000    | ST   |

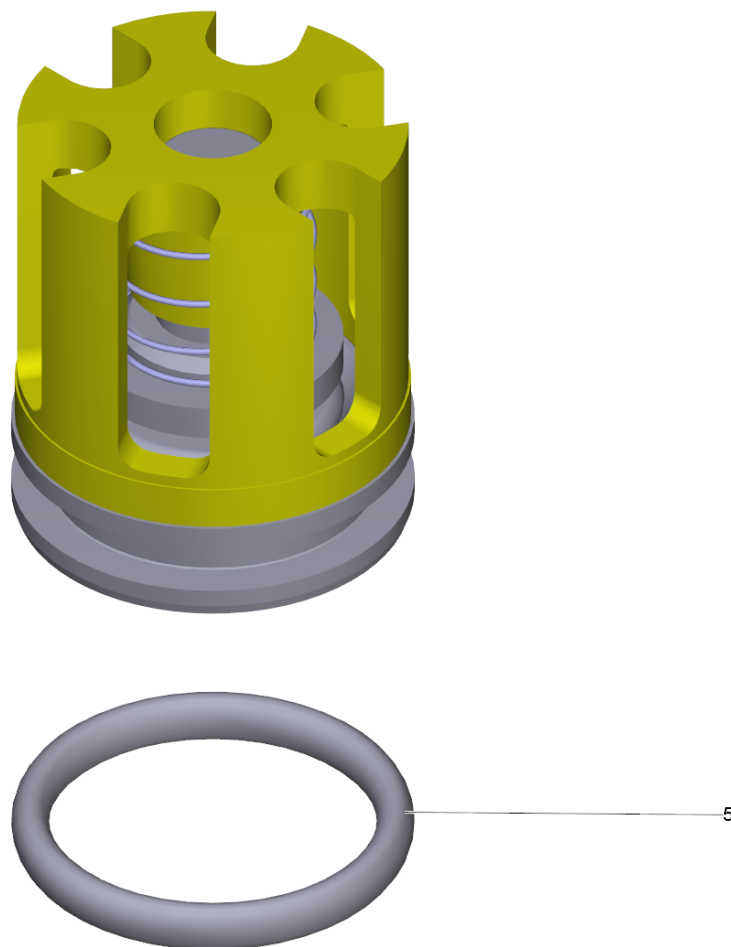


1 Valve (3 Stueck) (2.884-512.0)

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| POS | Article no. | Description                   | Quantity | Unit |
|-----|-------------|-------------------------------|----------|------|
| 5   | 6.363-003.0 | O-Ring seal 13,0 X 2,0-NBR 90 | 1.000    | ST   |

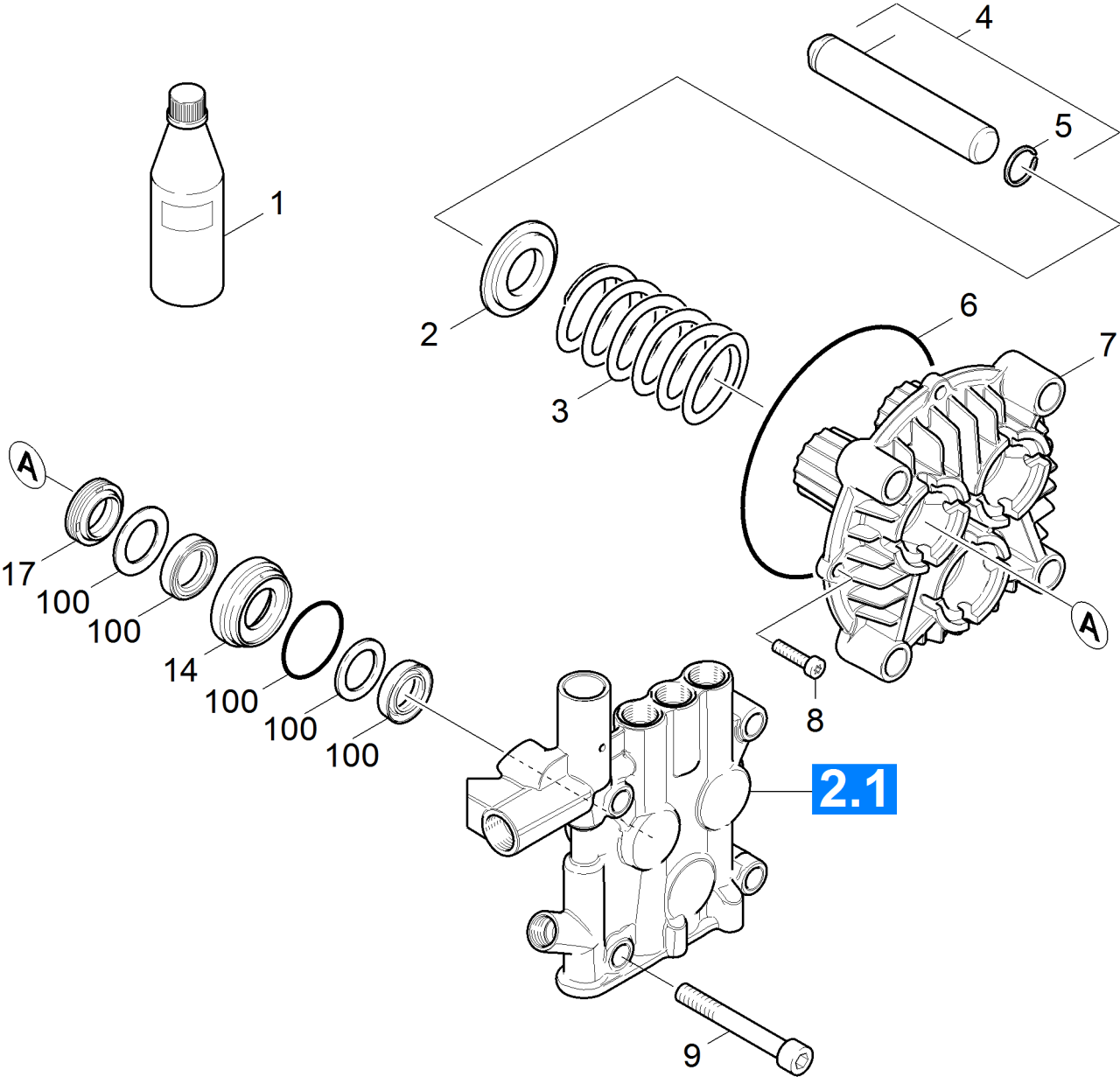


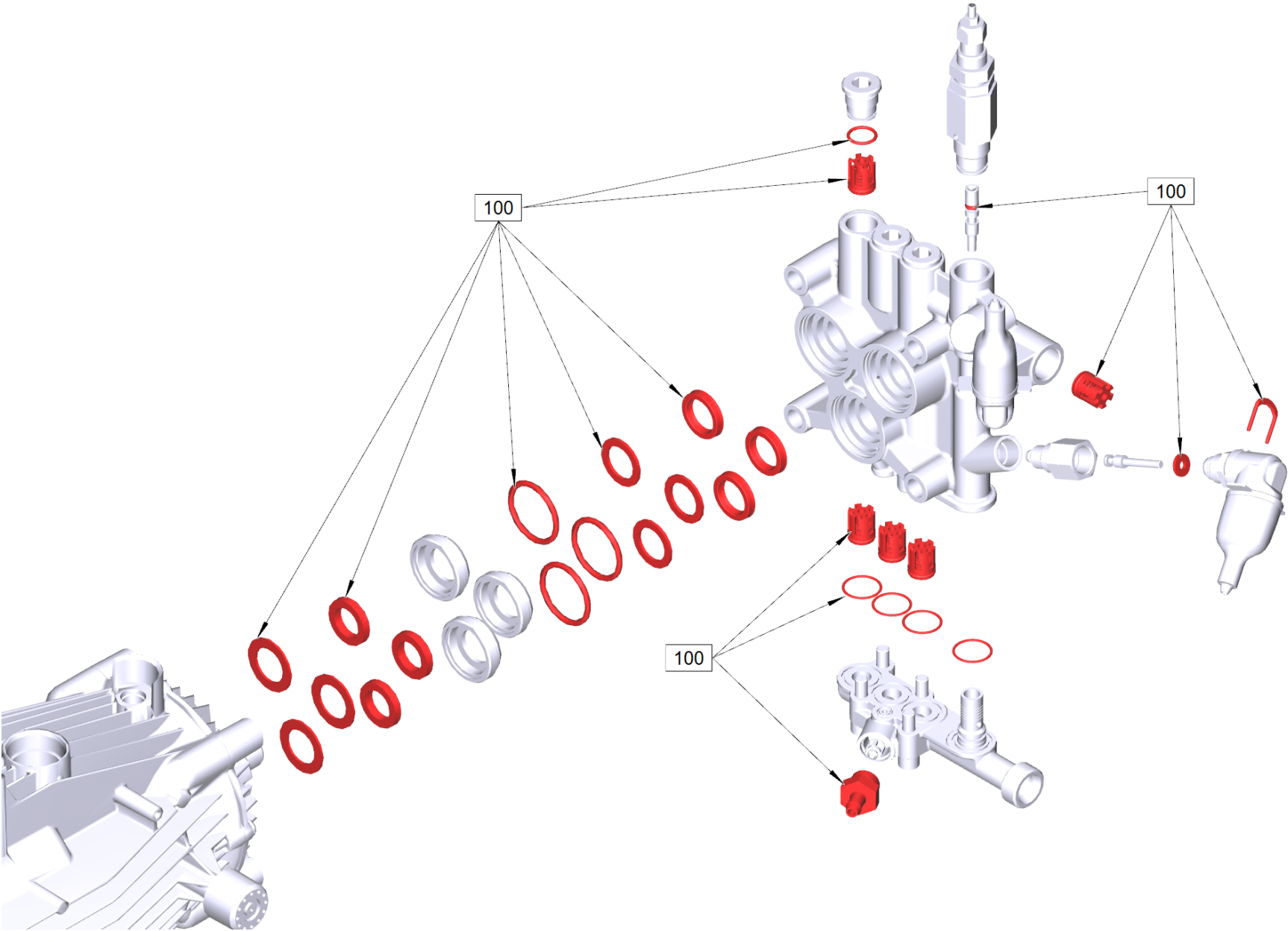


### 3 Valve complete (4.580-594.0)

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| POS | Article no. | Description               | Quantity | Unit |
|-----|-------------|---------------------------|----------|------|
| 5   | 6.362-381.0 | O-Ring seal 13x2 - NBR 70 | 1.000    | ST   |



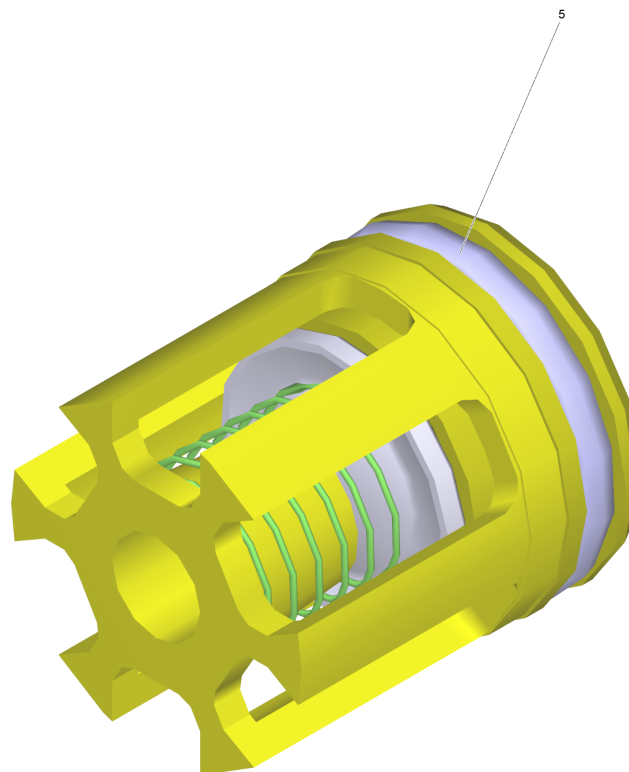


## 22 Piston

| POS | Article no. | Description                             | Quantity | Unit |
|-----|-------------|-----------------------------------------|----------|------|
| 1   | 6.288-219.0 | Engine oil 1 L                          | 1.000    | ST   |
| 2   | 5.116-325.0 | Washer                                  | 3.000    | ST   |
| 3   | 5.332-550.0 | Helical spring                          | 3.000    | ST   |
| 4   | 4.553-272.0 | Piston complete                         | 3.000    | ST   |
| 5   | 7.343-473.0 | Snap ring 18 -FST DIN 9925              | 3.000    | ST   |
| 6   | 6.362-613.0 | O-Ring seal 101,27X 2,62-NBR 70         | 1.000    | ST   |
| 7   | 5.061-208.3 | Thrust guidance D18                     | 1.000    | ST   |
| 8   | 7.306-105.0 | Screw M6x30 -8.8-R3R (In6Rd)            | 2.000    | ST   |
| 9   | 7.306-155.0 | Cylinder head screw M12x100 -8.8-A3E IS | 4.000    | ST   |
| 14  | 5.112-340.3 | Bush                                    | 3.000    | ST   |
| 17  | 6.365-334.0 | Grooved ring 18X26X6/8                  | 3.000    | ST   |
| 100 | 2.885-036.0 | Spare part set pump                     | 1.000    | ST   |

## 100 Spare part set pump (2.885-036.0)

| POS | Article no. | Description                    | Quantity | Unit |
|-----|-------------|--------------------------------|----------|------|
| 1   | 2.884-512.0 | Valve (3 Stueck)               | 2.000    | ST   |
| 2   | 4.580-581.3 | Valve complete                 | 1.000    | ST   |
| 3   | 4.580-594.0 | Valve complete                 | 1.000    | ST   |
| 4   | 5.034-494.0 | Retaining bracket              | 2.000    | ST   |
| 5   | 5.115-431.0 | Washer                         | 3.000    | ST   |
| 6   | 5.115-432.0 | Washer                         | 3.000    | ST   |
| 7   | 5.115-796.0 | Washer                         | 2.000    | ST   |
| 8   | 6.362-406.0 | O-Ring seal 33,05X 1,78-NBR 70 | 3.000    | ST   |
| 9   | 6.362-468.0 | O-Ring seal complete 1ST.-R.   | 1.000    | ST   |
| 10  | 6.362-481.0 | O-Ring seal 14,0 x 2,0 NBR 80  | 3.000    | ST   |
| 11  | 6.362-547.0 | O-Ring seal 20,0x1,5-NBR 70    | 4.000    | ST   |
| 12  | 6.365-332.0 | Compact seal 18x28x5,8         | 3.000    | ST   |
| 13  | 6.365-333.0 | Grooved ring 18X26X5,4         | 3.000    | ST   |

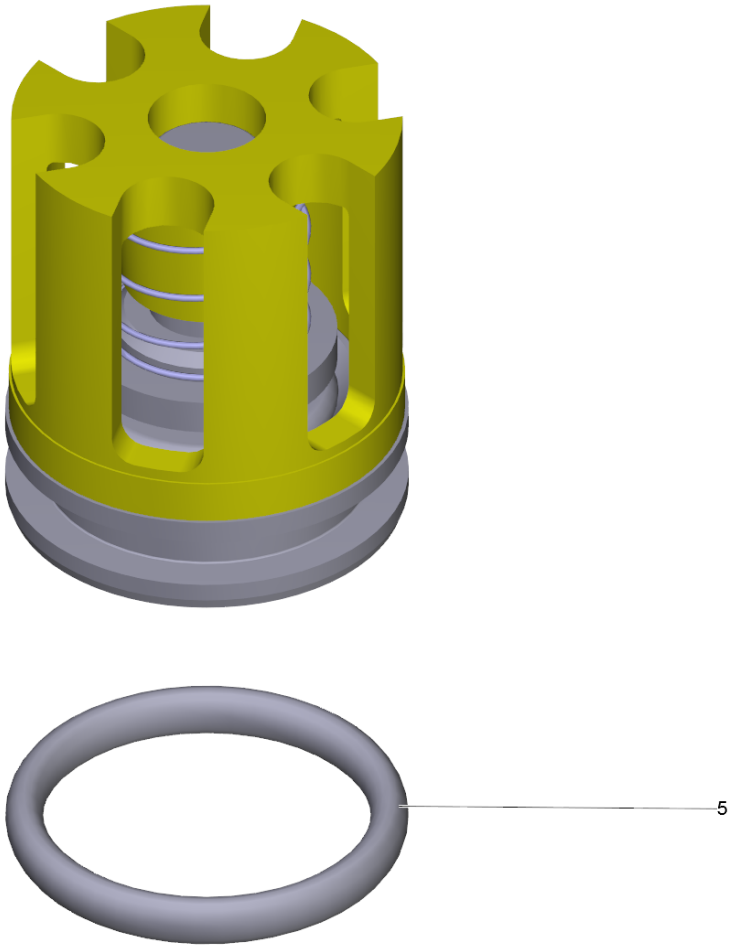


1 Valve (3 Stueck) (2.884-512.0)

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| POS | Article no. | Description                   | Quantity | Unit |
|-----|-------------|-------------------------------|----------|------|
| 5   | 6.363-003.0 | O-Ring seal 13,0 X 2,0-NBR 90 | 1.000    | ST   |

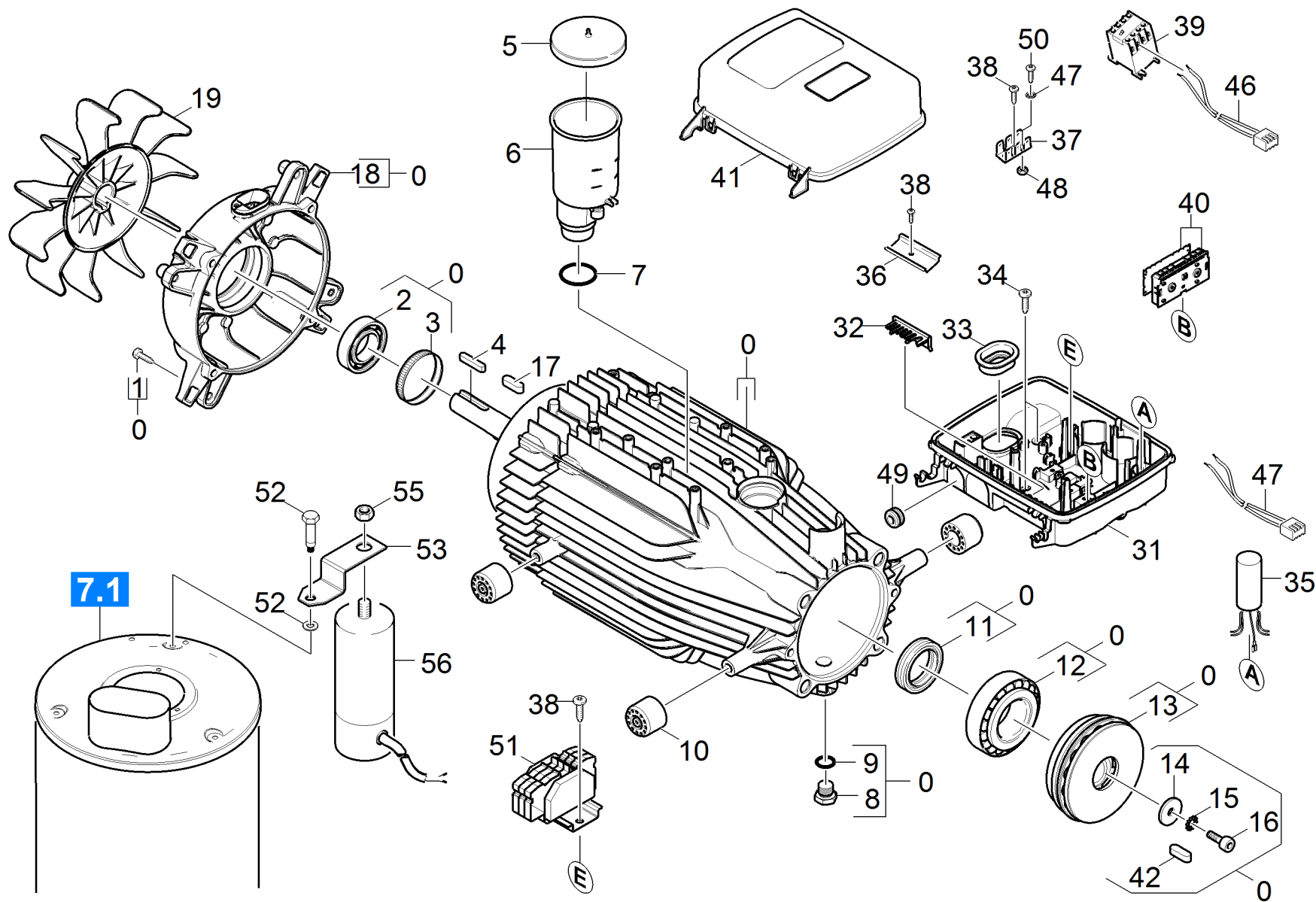




### 3 Valve complete (4.580-594.0)

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| POS | Article no. | Description               | Quantity | Unit |
|-----|-------------|---------------------------|----------|------|
| 5   | 6.362-381.0 | O-Ring seal 13x2 - NBR 70 | 1.000    | ST   |

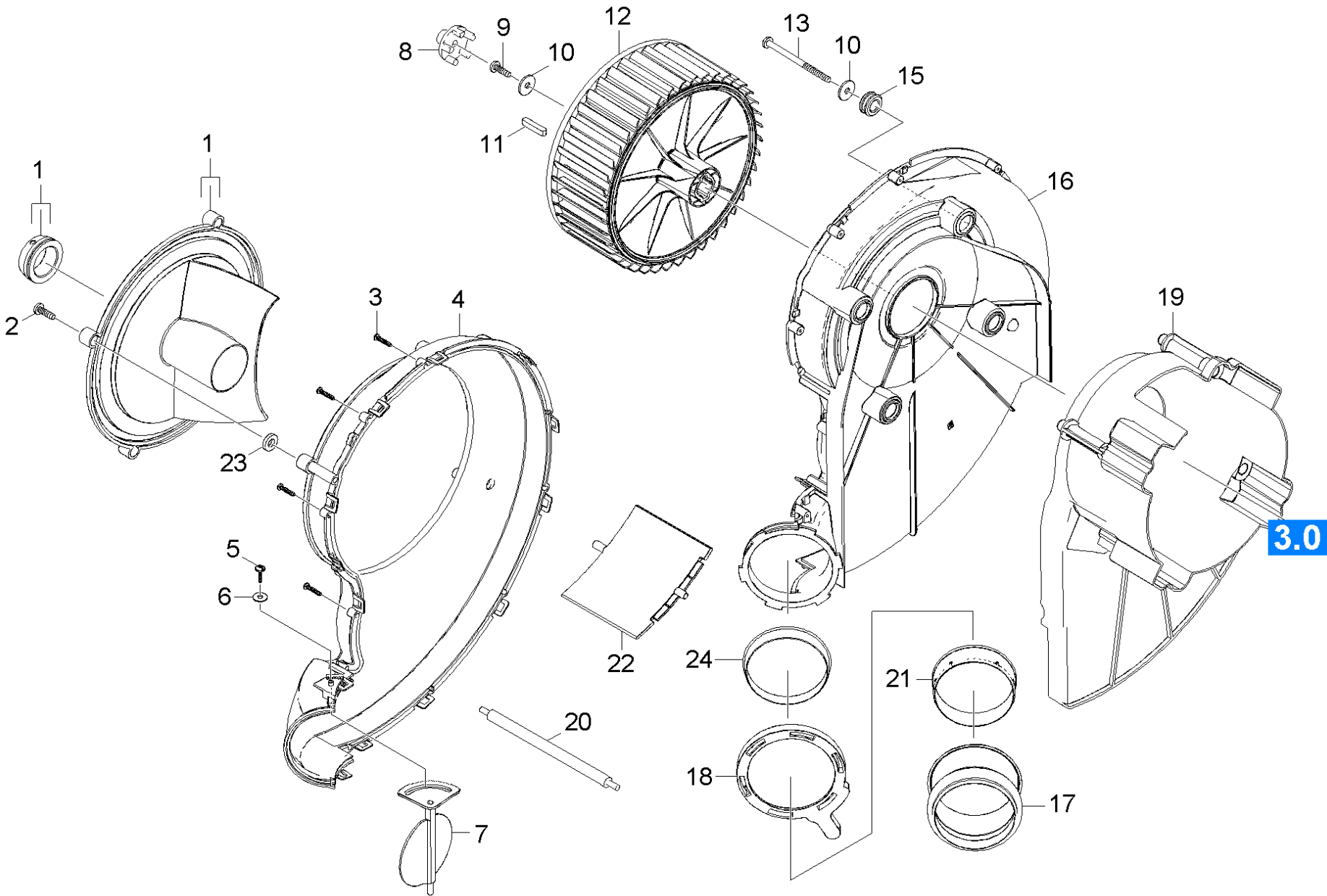


## 30 Motor

| POS | Article no. | Description                              | Quantity | Unit |
|-----|-------------|------------------------------------------|----------|------|
| 0   | 4.623-961.0 | Motor complete nur fuer Ersatz           | 1.000    | ST   |
| 1   | 6.303-515.0 | Self-tapping screw M6x25                 | 4.000    | ST   |
| 2   | 6.401-253.0 | Ball bearing 6305-2Z                     | 1.000    | ST   |
| 3   | 6.343-010.0 | Tolerance ring 62x10                     | 1.000    | ST   |
| 4   | 7.318-111.0 | Parallel key A 6x6x36 -C45K DIN 6885-1   | 2.000    | ST   |
| 5   | 5.064-467.0 | Cover oil qusty grey                     | 1.000    | ST   |
| 6   | 5.070-736.0 | Tank oil                                 | 1.000    | ST   |
| 7   | 6.362-722.0 | O-Ring seal 28,0 X 3,0                   | 1.000    | ST   |
| 8   | 5.411-100.0 | Screw plug                               | 1.000    | ST   |
| 9   | 6.362-028.0 | O-Ring seal 11x2,2 NBR 70                | 1.000    | ST   |
| 10  | 5.767-005.0 | Rubber buffer                            | 4.000    | ST   |
| 11  | 7.367-009.0 | Radial shaft seal ring A35x52x7-NBR DIN  | 1.000    | ST   |
| 12  | 6.401-405.0 | Taper roller bearing                     | 1.000    | ST   |
| 13  | 4.120-233.0 | Wobble plate complete only for replaceme | 1.000    | ST   |
| 14  | 5.115-565.0 | Washer                                   | 1.000    | ST   |
| 15  | 7.312-159.0 | Toothed lock washer A8,4-FST-PH DIN 679  | 1.000    | ST   |
| 16  | 7.306-041.0 | Cylinder head screw M8x20 -8.8-A2E ISO   | 1.000    | ST   |
| 17  | 7.318-030.0 | Parallel key 6x6x25 -C45K DIN 6885-1     | 2.000    | ST   |
| 18  | 5.061-186.0 | Bearing cover B                          | 1.000    | ST   |
| 19  | 5.600-087.0 | Blower wheel                             | 1.000    | ST   |
| 30  | 7.303-086.0 | Screw 5x30 -10.9-R2R (K-In6Rd)           | 2.000    | ST   |
| 31  | 5.033-447.0 | Housing electric box                     | 1.000    | ST   |
| 32  | 5.263-092.0 | Tensioning part                          | 1.000    | ST   |
| 33  | 5.365-285.0 | Profile gasket                           | 1.000    | ST   |
| 34  | 6.303-153.0 | Screw M5x15-ST-R2R (IN6RD)               | 3.000    | ST   |
| 35  | 4.828-010.0 | Interference suppressor complete         | 1.000    | ST   |
| 36  | 5.802-261.0 | Mounting part                            | 1.000    | ST   |
| 37  | 6.641-270.0 | Plug                                     | 1.000    | ST   |
| 38  | 7.303-106.0 | Screw 4x12 -10.9-R2R (IN6RD)             | 2.000    | ST   |
| 39  | 6.632-334.0 | Power contactor LC1 D32 B7               | 1.000    | ST   |
| 40  | 2.885-054.0 | Frame circuit board complete             | 1.000    | ST   |
| 41  | 5.064-226.0 | Cover electric box                       | 1.000    | ST   |
| 46  | 6.649-384.0 | Cable 2x0,35 350mm                       | 1.000    | ST   |

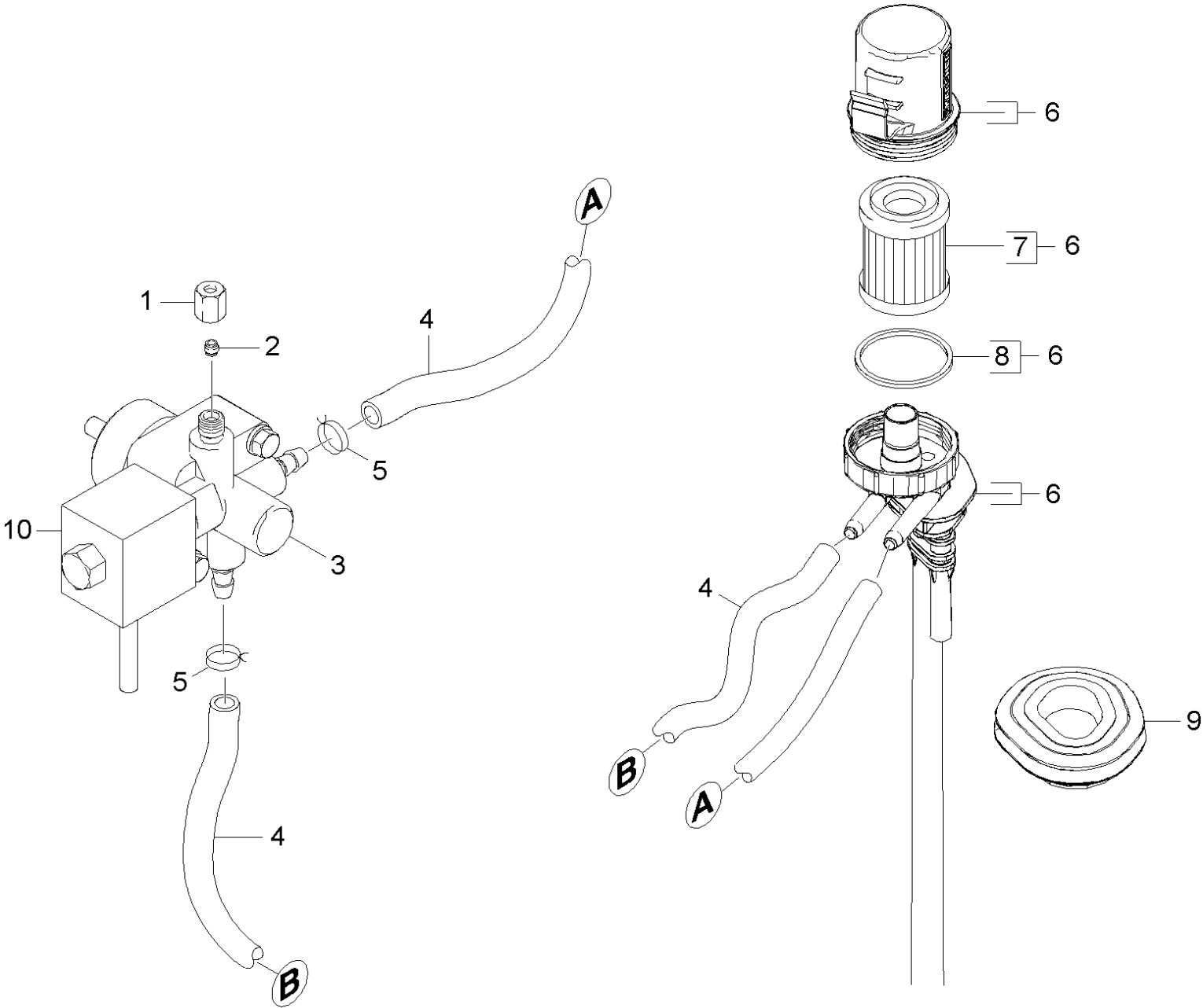
## 30 Motor

| POS | Article no. | Description                             | Quantity | Unit |
|-----|-------------|-----------------------------------------|----------|------|
| 47  | 7.312-163.0 | Toothed lock washer A4,3-FST-PH DIN 679 | 1.000    | ST   |
| 48  | 7.311-001.0 | Hexagon nut M4 -6-A2E ISO 4032          | 1.000    | ST   |
| 49  | 6.641-422.0 | Wire protecting sleeve                  | 2.000    | ST   |
| 50  | 7.306-057.0 | Screw M4x10 -8.8-ZNBHL (In6Rd)          | 1.000    | ST   |
| 51  | 4.802-039.0 | Mounting part complete                  | 1.000    | ST   |
| 52  | 2.885-125.0 | Spare part set                          | 1.000    | ST   |
| 53  | 5.044-929.0 | Holder capacitor                        | 2.000    | ST   |
| 55  | 7.311-008.0 | Hexagon nut M12-8-A3E ISO 4032          | 2.000    | ST   |
| 56  | 6.661-155.0 | Capacitor 140 µF                        | 2.000    | ST   |
| 57  | 6.650-864.0 | Cable 1x0,35 50mm                       | 1.000    | ST   |



## 40 Blower

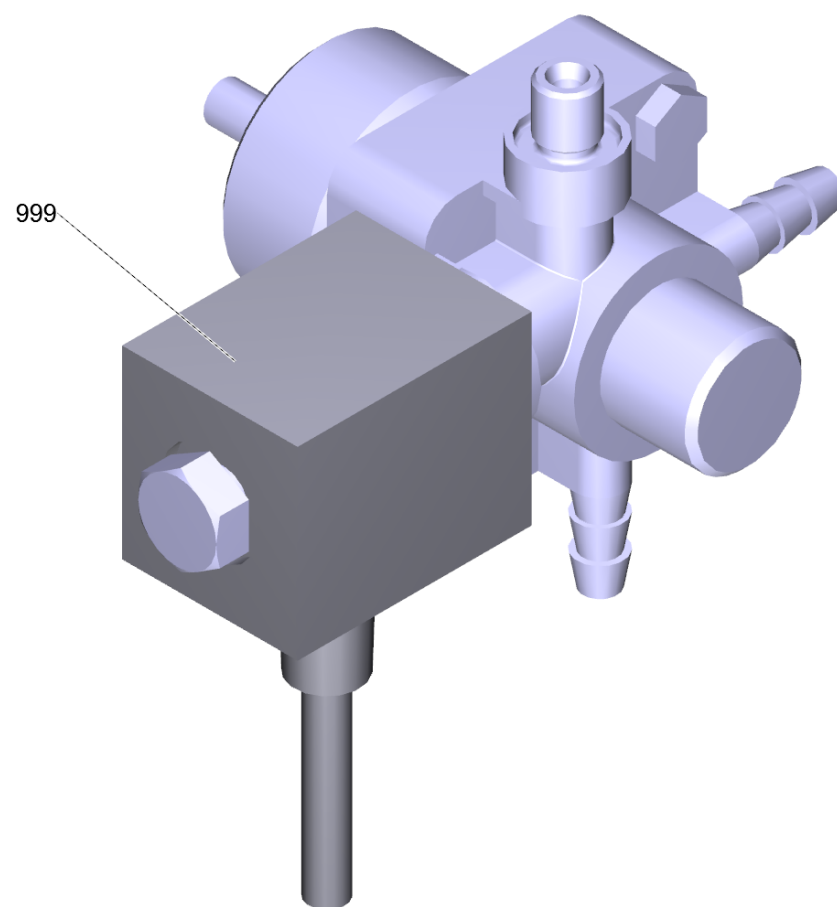
| POS | Article no. | Description                       | Quantity | Unit |
|-----|-------------|-----------------------------------|----------|------|
| 1   | 5.064-277.0 | Cover internal part               | 1.000    | ST   |
| 2   | 7.303-129.0 | Screw 4x16 -10.9-R2R (K-In6Rd)    | 4.000    | ST   |
| 3   | 7.303-084.0 | Screw 4x25 -10.9-R2R (K-In6Rd)    | 14.000   | ST   |
| 4   | 5.064-238.0 | Cover blower                      | 1.000    | ST   |
| 5   | 7.303-107.0 | Screw 5x16 -10.9-P2R (K-In6Rd)    | 1.000    | ST   |
| 6   | 7.312-278.0 | Washer 5-200HV-A2E ISO7093-1      | 1.000    | ST   |
| 7   | 5.606-009.0 | Air flap                          | 1.000    | ST   |
| 8   | 5.471-097.0 | Coupler fuel pump                 | 1.000    | ST   |
| 9   | 6.304-145.0 | Screw M 6X20-R3R (IN6RD)          | 1.000    | ST   |
| 10  | 7.312-260.0 | Washer 6 -100HV-A3E ISO 7094      | 5.000    | ST   |
| 11  | 7.318-032.0 | Parallel key 6x6x32-C45K DIN 6885 | 2.000    | ST   |
| 12  | 5.600-084.0 | Blower wheel                      | 1.000    | ST   |
| 13  | 6.303-517.0 | Self-tapping screw M6x100         | 4.000    | ST   |
| 15  | 5.379-019.0 | Rubber ring                       | 4.000    | ST   |
| 16  | 5.605-304.0 | Housing blower                    | 1.000    | ST   |
| 17  | 5.195-252.0 | Seal air circulation              | 1.000    | ST   |
| 18  | 5.075-036.0 | Closure                           | 1.000    | ST   |
| 19  | 5.692-088.0 | Air circulation                   | 1.000    | ST   |
| 20  | 5.043-055.0 | Holder                            | 1.000    | ST   |
| 21  | 5.263-094.0 | Tensioning part air circulation   | 1.000    | ST   |
| 22  | 5.912-003.0 | Regulating flap blower            | 1.000    | ST   |
| 23  | 5.116-397.0 | Washer                            | 4.000    | ST   |
| 24  | 5.263-096.0 | Tensioning part air circulation   | 1.000    | ST   |





## 50 Fuel pump and filter

| POS | Article no. | Description                    | Quantity | Unit | Foot note text          |
|-----|-------------|--------------------------------|----------|------|-------------------------|
| 1   | 6.389-262.0 | Union nut A 4-LL               | 1.000    | ST   |                         |
| 2   | 6.389-263.0 | Cutting ring d.4               | 1.000    | ST   |                         |
| 3   | 4.473-032.0 | Fuel pump only for replacement | 1.000    | ST   |                         |
| 4   | 6.391-820.0 | Hose                           | 1.000    | M    | ALS METERWARE BESTELLEN |
| 5   | 6.388-559.0 | Hose clip                      | 2.000    | ST   |                         |
| 6   | 4.730-167.3 | Filter complete                | 1.000    | ST   |                         |
| 7   | 6.414-559.0 | Filter fuel                    | 1.000    | ST   |                         |
| 8   | 5.363-629.0 | Seal                           | 1.000    | ST   |                         |
| 9   | 5.365-290.0 | Rubber bushing fuel            | 1.000    | ST   |                         |
| 10  | 6.473-554.0 | Coil Brennstoffpumpe           | 1.000    | ST   |                         |



### 3 Fuel pump only for replacement (4.473-032.0)

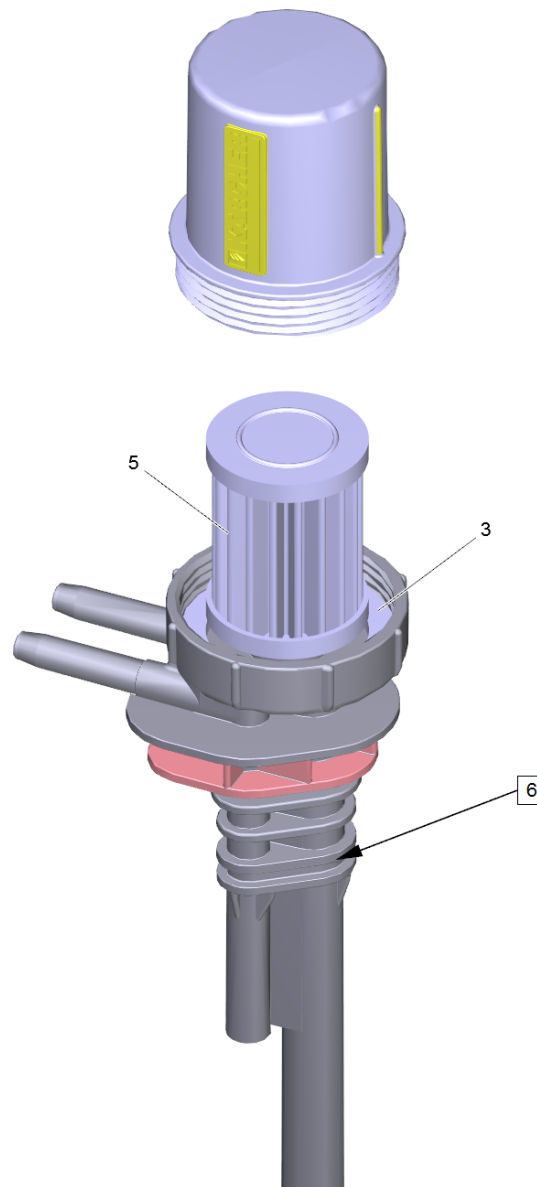
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| POS | Article no. | Description          | Quantity | Unit |
|-----|-------------|----------------------|----------|------|
| 999 | 6.473-554.0 | Coil Brennstoffpumpe | 1.000    | ST   |

## 6 Filter complete (4.730-167.3)

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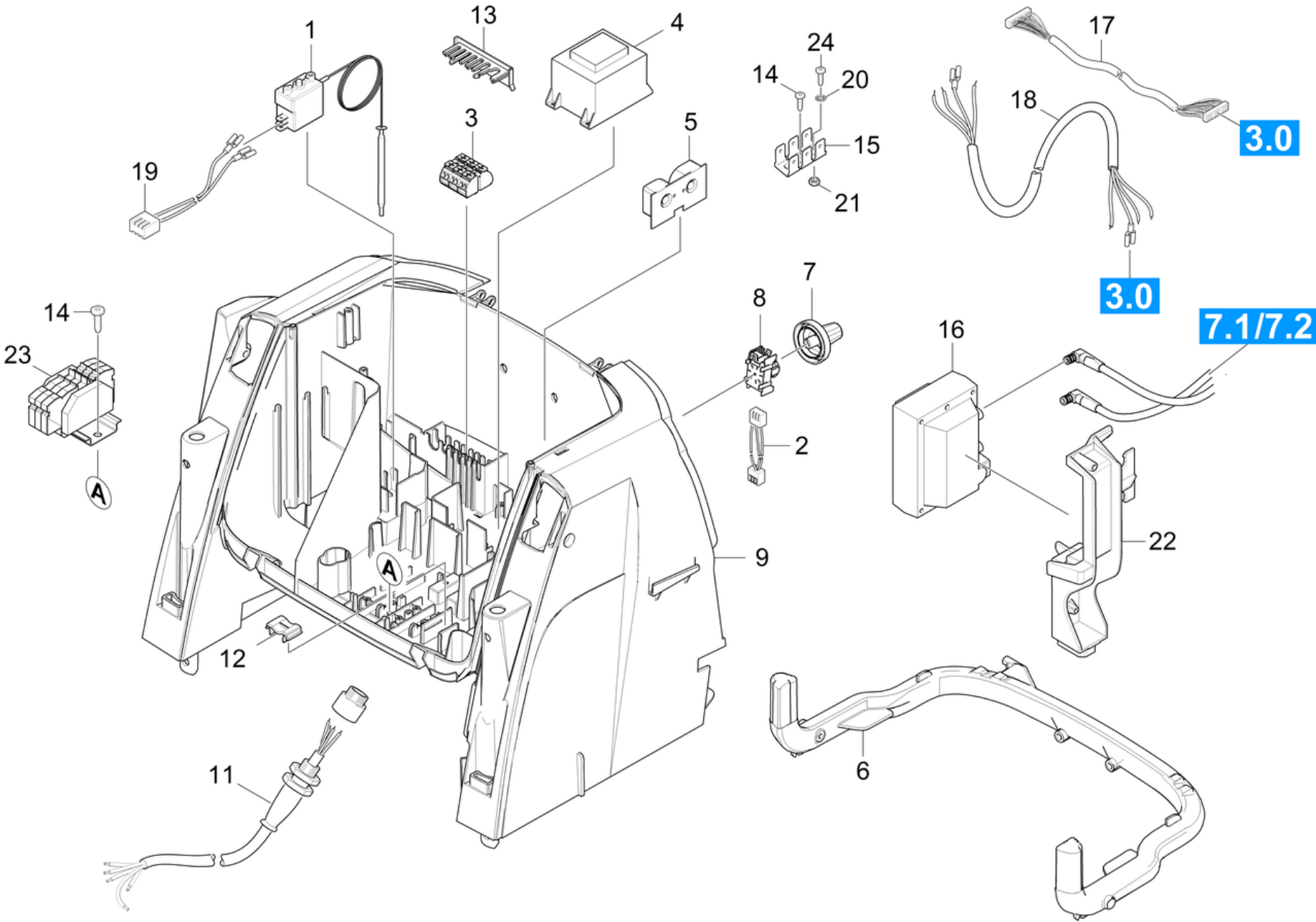
| POS | Article no. | Description     | Quantity | Unit |
|-----|-------------|-----------------|----------|------|
| 1   | 4.730-167.0 | Filter complete | 1.000    | ST   |



## 1 Filter complete (4.730-167.0)

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| POS | Article no. | Description            | Quantity | Unit |
|-----|-------------|------------------------|----------|------|
| 3   | 5.363-629.0 | Seal                   | 1.000    | ST   |
| 5   | 6.414-559.0 | Filter fuel            | 1.000    | ST   |
| 6   | 6.362-079.0 | O-Ring seal 18,0 X 2,5 | 1.000    | ST   |



## 60 Electric control box

| POS | Article no. | Description                              | Quantity | Unit |
|-----|-------------|------------------------------------------|----------|------|
| 1   | 4.686-029.0 | Thermostat only for replacement          | 1.000    | ST   |
| 2   | 5.820-088.0 | Cable                                    | 1.000    | ST   |
| 4   | 6.622-307.0 | Control transformer 100V                 | 1.000    | ST   |
| 5   | 6.682-881.0 | Circuit board current transformer        | 1.000    | ST   |
| 6   | 5.033-111.0 | Profile                                  | 1.000    | ST   |
| 7   | 5.324-172.0 | Handle qusty grey RAL 7037               | 1.000    | ST   |
| 8   | 6.630-423.0 | Switch service                           | 1.000    | ST   |
| 9   | 5.801-153.0 | Mounting plate                           | 1.000    | ST   |
| 11  | 6.649-612.0 | Cable complete 3x4mm <sup>2</sup>        | 1.000    | ST   |
| 12  | 5.802-307.0 | Holder cable                             | 1.000    | ST   |
| 13  | 5.263-092.0 | Tensioning part                          | 1.000    | ST   |
| 14  | 7.303-106.0 | Screw 4x12 -10.9-R2R (IN6RD)             | 3.000    | ST   |
| 15  | 6.641-270.0 | Plug                                     | 1.000    | ST   |
| 16  | 6.622-304.0 | Ignition transformer -110V, 50Hz         | 1.000    | ST   |
| 17  | 2.885-110.0 | Control cable complete only for replacem | 1.000    | ST   |
| 18  | 6.649-616.0 | Cable 3x4mm <sup>2</sup>                 | 1.000    | ST   |
| 19  | 6.649-383.0 | Cable 2x0,35 700mm                       | 1.000    | ST   |
| 20  | 7.312-163.0 | Toothed lock washer A4,3-FST-PH DIN 679  | 2.000    | ST   |
| 21  | 7.311-001.0 | Hexagon nut M4 -6-A2E ISO 4032           | 2.000    | ST   |
| 22  | 5.424-140.0 | Fixing                                   | 1.000    | ST   |
| 23  | 4.802-038.0 | Mounting part complete                   | 1.000    | ST   |
| 24  | 7.306-057.0 | Screw M4x10 -8.8-ZNBHL (In6Rd)           | 2.000    | ST   |



## 70 Flow heater

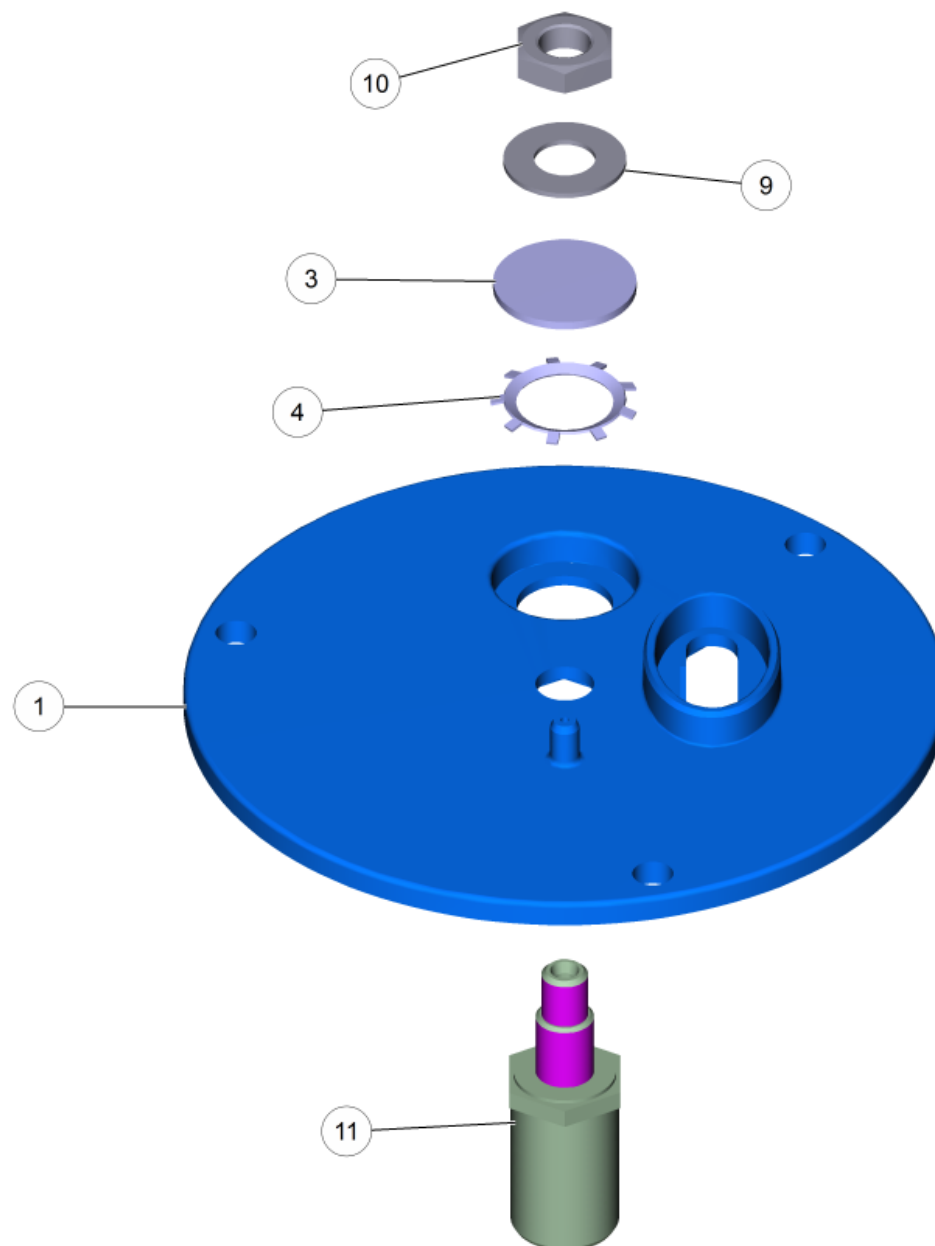
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| POS | Description   | Quantity | Unit |
|-----|---------------|----------|------|
| 72  | Burner cover  | 1.000    | ST   |
| 74  | Heating coil  | 1.000    | ST   |
| 75  | Burner bottom | 1.000    | ST   |



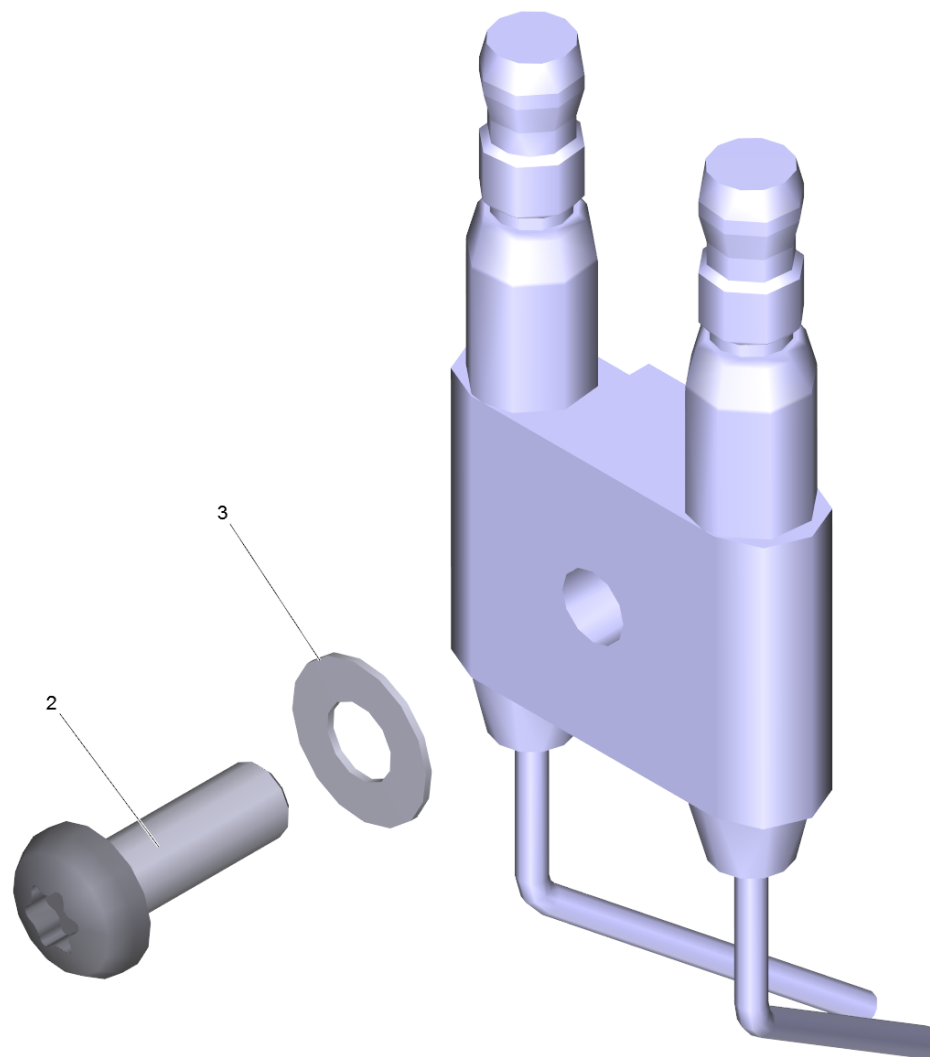
## 72 Burner cover

| POS | Article no. | Description                        | Quantity | Unit |
|-----|-------------|------------------------------------|----------|------|
| 1   | 5.423-008.0 | Conduit fuel                       | 1.000    | ST   |
| 2   | 6.389-262.0 | Union nut A 4-LL                   | 1.000    | ST   |
| 3   | 6.389-263.0 | Cutting ring d.4                   | 1.000    | ST   |
| 4   | 7.311-101.0 | Hexagon nut M10x1 -04-A2E ISO 8675 | 1.000    | ST   |
| 5   | 7.312-302.0 | Spring washer B10-FST-A2E DIN 137  | 1.000    | ST   |
| 6   | 6.647-527.0 | Holder                             | 1.000    | ST   |
| 7   | 4.821-100.0 | Ignition cable complete            | 1.000    | ST   |
| 8   | 7.303-038.0 | Screw M5x12 -St-P2R (In6Rd)        | 3.000    | ST   |
| 10  | 4.654-218.0 | Cover pressure boiler              | 1.000    | ST   |
| 11  | 6.343-165.0 | Serrated ring                      | 1.000    | ST   |
| 12  | 6.278-018.0 | Glass pane                         | 1.000    | ST   |
| 13  | 5.667-055.0 | Nozzle holder                      | 1.000    | ST   |
| 14  | 6.415-775.0 | Burner nozzle                      | 1.000    | ST   |
| 15  | 7.312-304.0 | Spring washer B 5-FST-A2E DIN 137  | 1.000    | ST   |
| 16  | 7.306-217.0 | Screw M5x14 -8.8-R2R (In6Rd)       | 1.000    | ST   |
| 17  | 2.638-974.0 | Conversion kit ignition electrode  | 1.000    | ST   |
| 18  | 5.034-834.0 | Holder probe                       | 1.000    | ST   |



## 10 Cover pressure boiler (4.654-218.0)

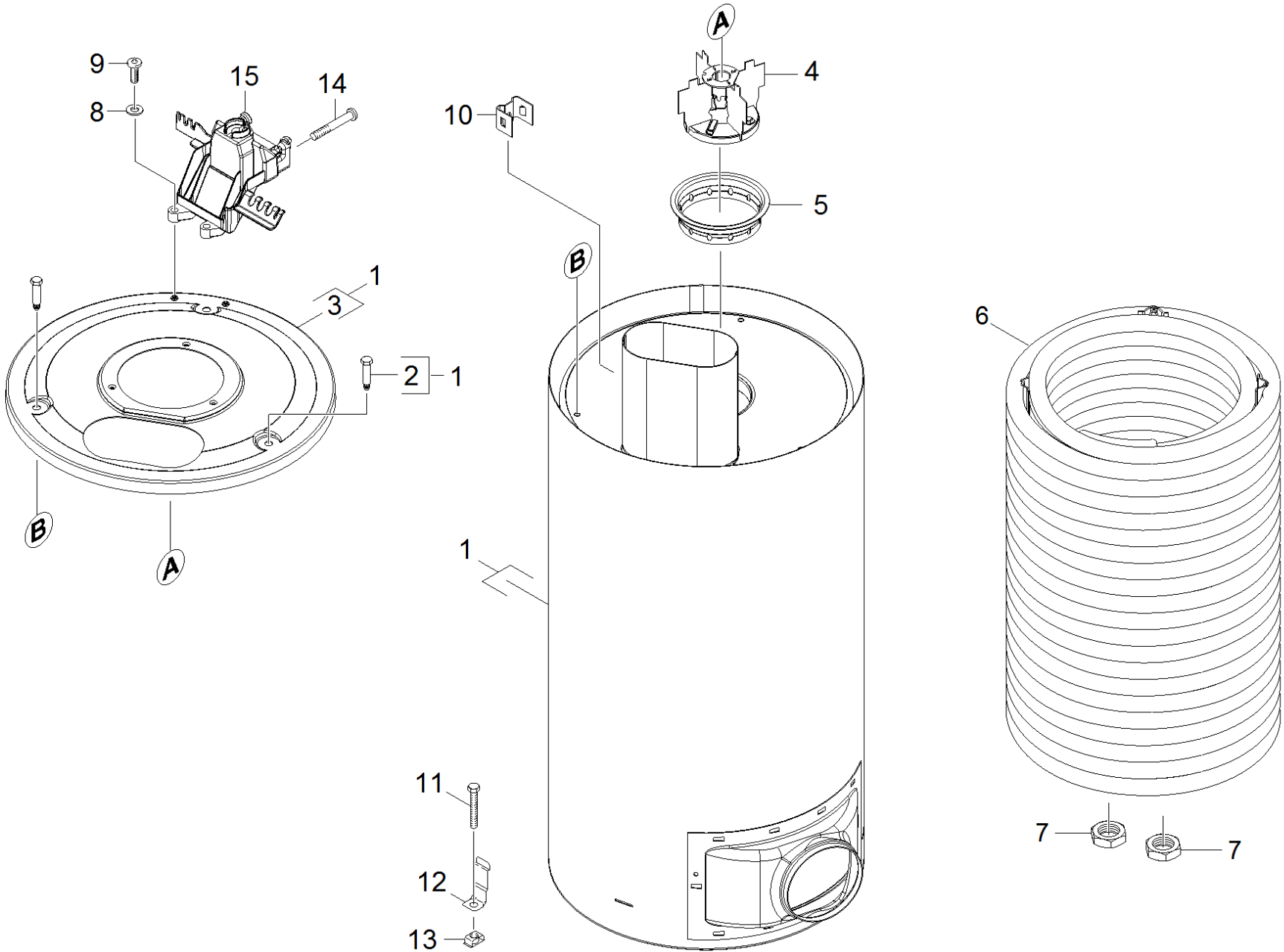
| POS | Article no. | Description                        | Quantity | Unit |
|-----|-------------|------------------------------------|----------|------|
| 1   | 5.662-022.0 | Burner cover                       | 1.000    | ST   |
| 3   | 6.278-018.0 | Glass pane                         | 1.000    | ST   |
| 4   | 6.343-165.0 | Serrated ring                      | 1.000    | ST   |
| 9   | 7.312-302.0 | Spring washer B10-FST-A2E DIN 137  | 1.000    | ST   |
| 10  | 7.311-101.0 | Hexagon nut M10x1 -04-A2E ISO 8675 | 1.000    | ST   |
| 11  | 5.667-055.0 | Nozzle holder                      | 1.000    | ST   |



## 17 Conversion kit ignition electrode (2.638-974.0)

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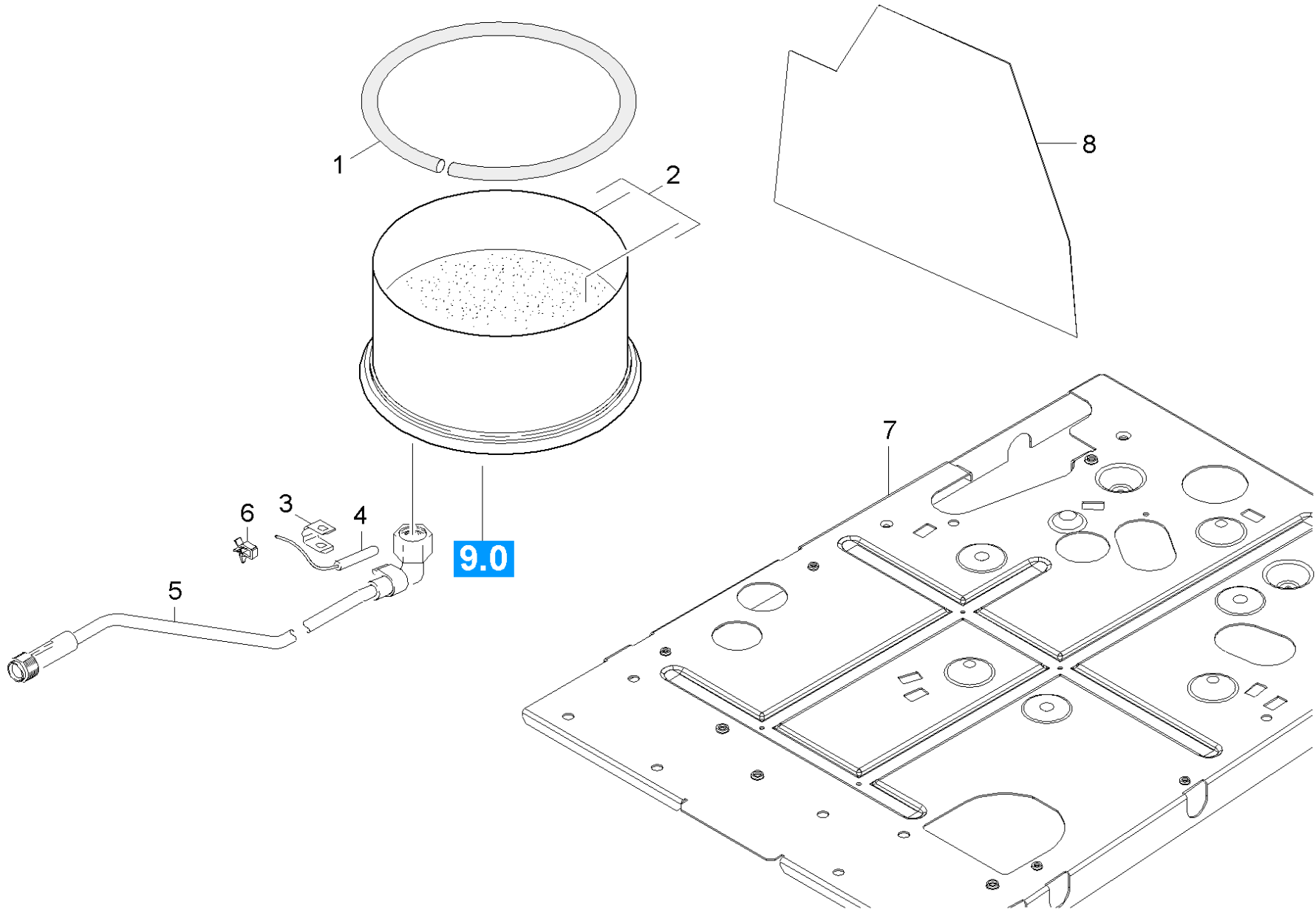
| POS | Article no. | Description                       | Quantity | Unit |
|-----|-------------|-----------------------------------|----------|------|
| 2   | 7.306-217.0 | Screw M5x14 -8.8-R2R (In6Rd)      | 1.000    | ST   |
| 3   | 7.312-304.0 | Spring washer B 5-FST-A2E DIN 137 | 1.000    | ST   |





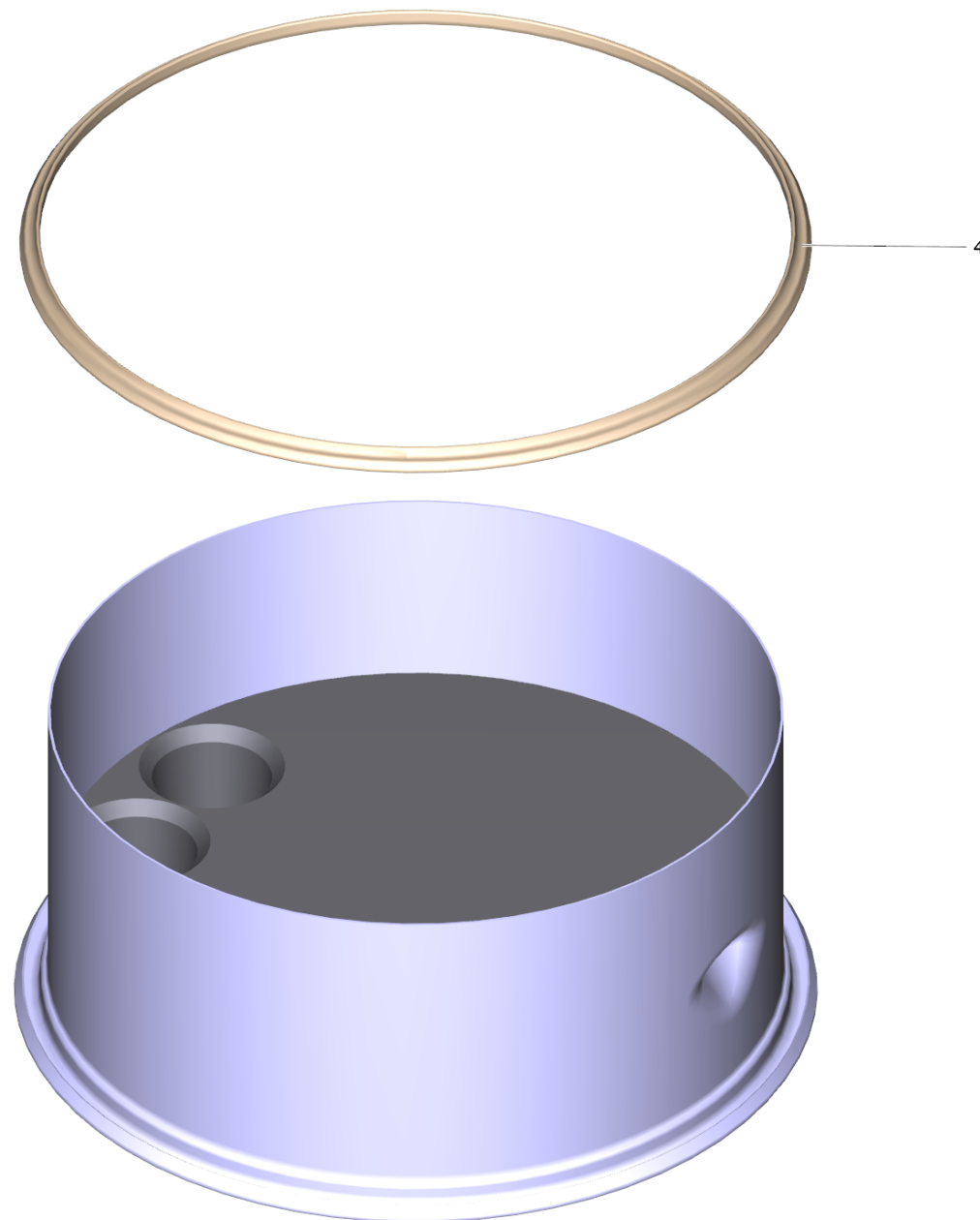
## 74 Heating coil

| POS | Article no. | Description                            | Quantity | Unit | Remark   |
|-----|-------------|----------------------------------------|----------|------|----------|
| 1   | 4.652-004.0 | Vessel mantel complete                 | 1.000    | ST   |          |
| 2   | 6.303-258.0 | Self-tapping screw                     | 3.000    | ST   |          |
| 3   | 5.654-051.0 | Cover pressure boiler                  | 1.000    | ST   |          |
| 4   | 4.663-073.0 | Baffle plate complete                  | 1.000    | ST   |          |
| 5   | 5.664-256.0 | Flame tube                             | 1.000    | ST   |          |
| 6   | 4.680-135.0 | Heating coil                           | 1.000    | ST   |          |
| 6   | 4.680-114.0 | Heating coil VA                        | 1.000    | ST   | ( VA )   |
| 7   | 7.311-155.0 | Hexagon nut M22x1,5 -Cu2 DIN 936       | 2.000    | ST   | ( CuZn ) |
| 7   | 7.311-112.0 | Hexagon nut M22X1,5 -22H-A2E DIN 936   | 2.000    | ST   |          |
| 8   | 7.312-278.0 | Washer 5-200HV-A2E ISO7093-1           | 2.000    | ST   |          |
| 9   | 6.303-320.0 | Screw M 5x 20-St-R2R                   | 2.000    | ST   |          |
| 10  | 5.034-834.0 | Holder probe                           | 1.000    | ST   |          |
| 11  | 7.304-051.0 | Hexagonal head screw M 8x16-8.8-P2R EN | 3.000    | ST   |          |
| 12  | 5.044-420.0 | Holder                                 | 3.000    | ST   |          |
| 13  | 6.310-081.0 | Cage nut M 8                           | 3.000    | ST   |          |
| 14  | 7.303-111.0 | Screw 5x50 -10.9-R2R (K-In6Rd)         | 2.000    | ST   |          |
| 15  | 5.412-001.0 | Holder Kessel ovale Heizschlange       | 1.000    | ST   |          |



## 75 Burner bottom

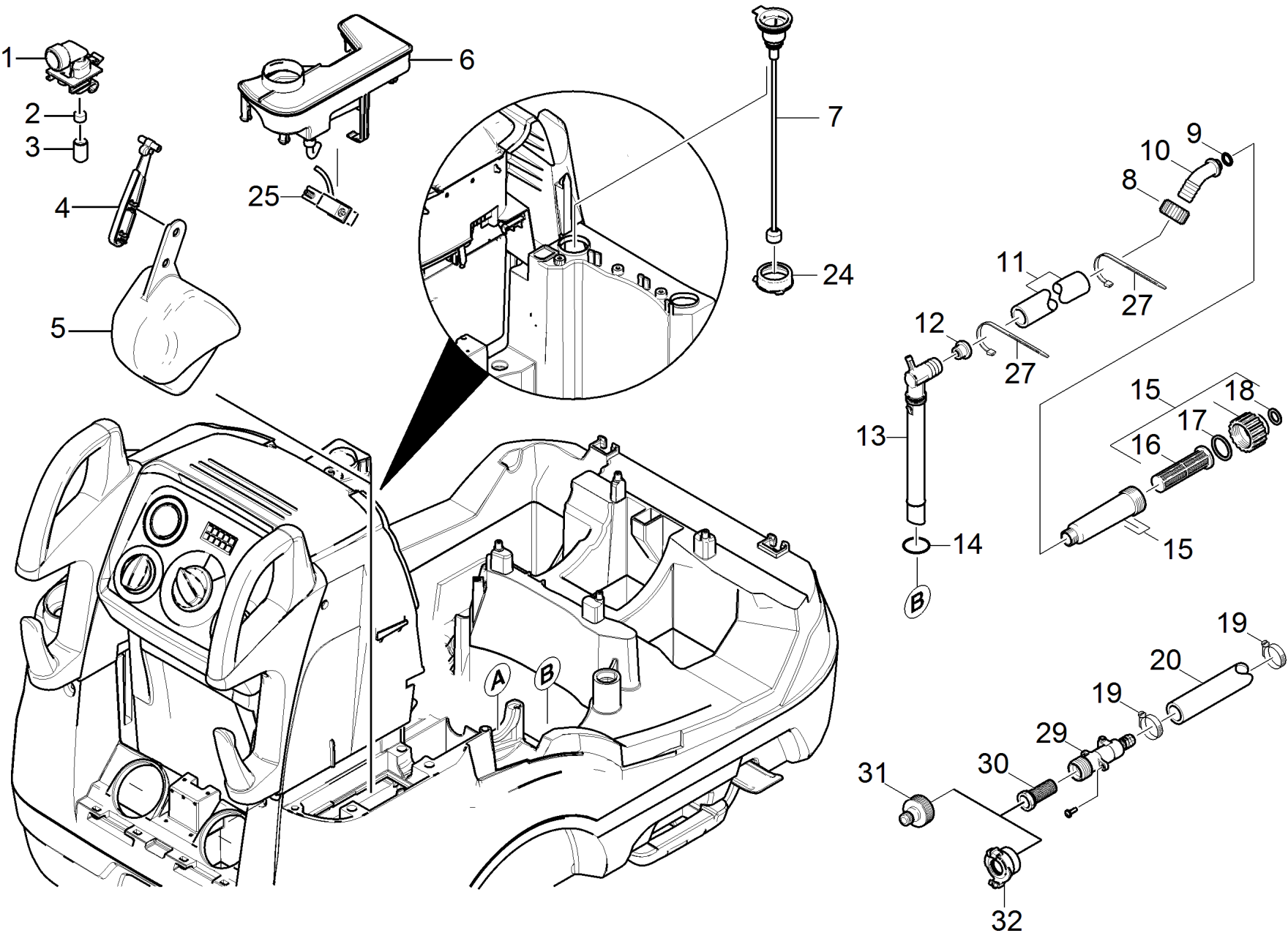
| POS | Article no. | Description                            | Quantity | Unit |
|-----|-------------|----------------------------------------|----------|------|
| 1   | 6.366-009.0 | Seal string                            | 1.000    | ST   |
| 2   | 4.655-044.0 | Bottom pressure boiler                 | 1.000    | ST   |
| 3   | 5.263-064.0 | Tensioning part                        | 1.000    | ST   |
| 4   | 4.686-031.0 | Thermostat only for replacement        | 1.000    | ST   |
| 5   | 4.427-011.0 | Manifold complete high-pressure outlet | 1.000    | ST   |
| 6   | 6.970-929.0 | Clip                                   | 1.000    | ST   |
| 7   | 5.051-114.0 | Base plate boiler                      | 1.000    | ST   |
| 8   | 5.424-142.0 | Foil shield                            | 1.000    | ST   |



## 2 Bottom pressure boiler (4.655-044.0)

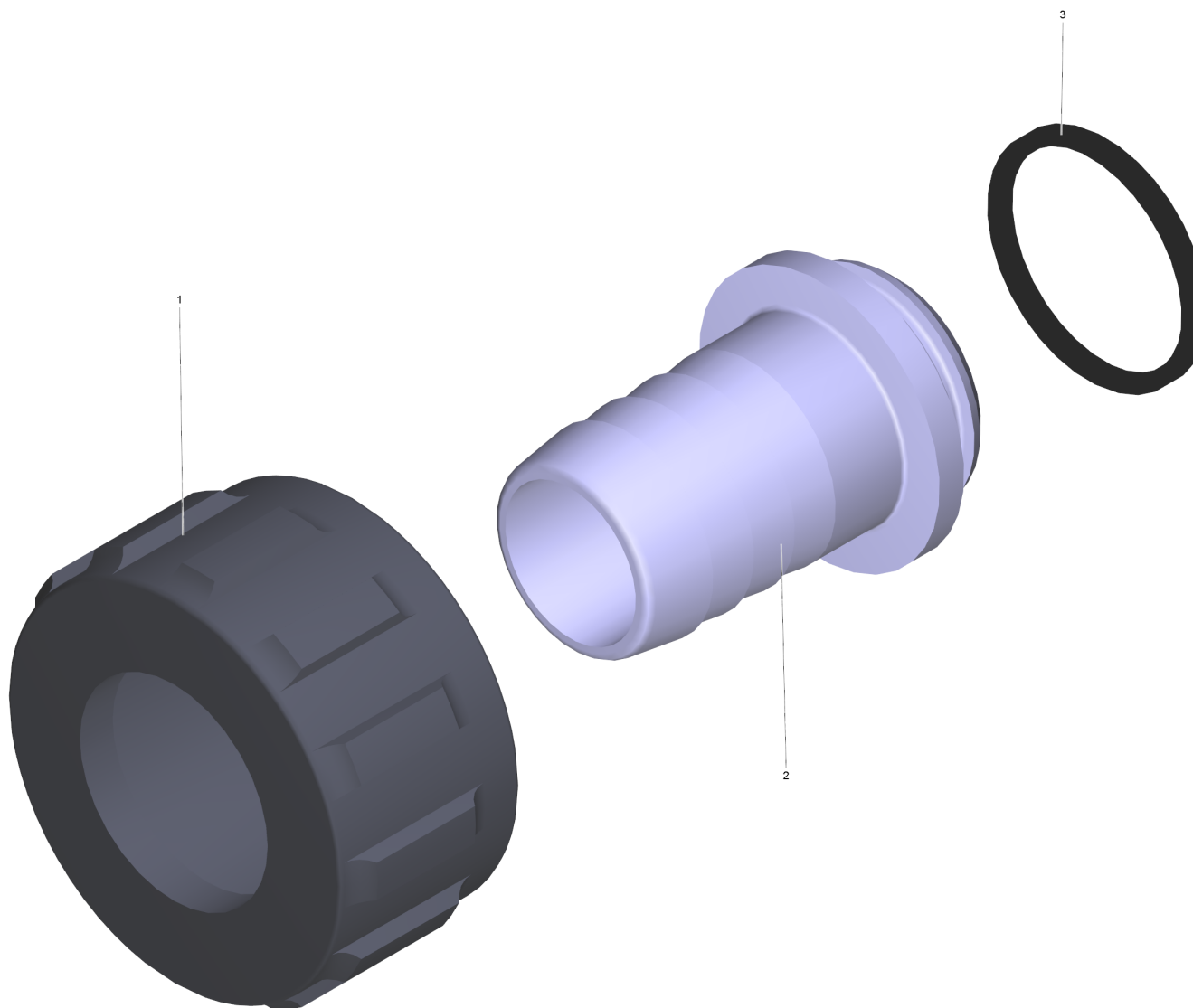
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| POS | Article no. | Description         | Quantity | Unit |
|-----|-------------|---------------------|----------|------|
| 4   | 6.366-009.0 | Seal string         | 1.000    | ST   |
| 6   | 6.869-024.0 | Quick-bonding agent | 0.004    | ZST  |



## 80 Float valve

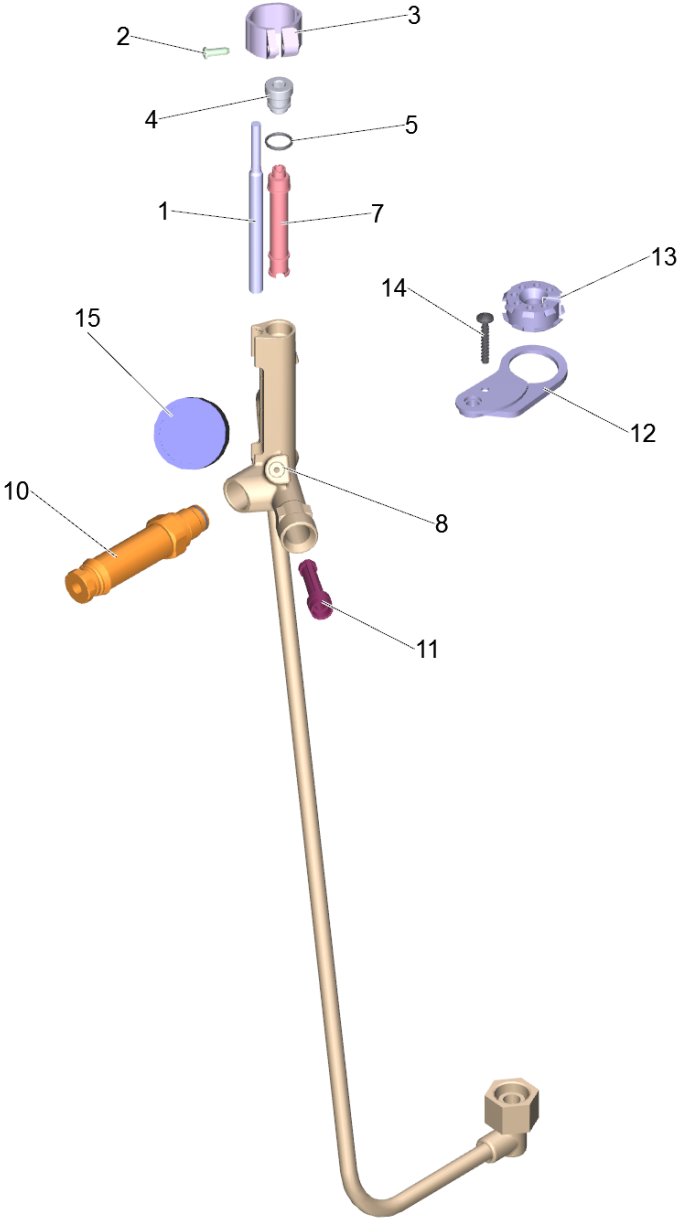
| POS | Article no. | Description                         | Quantity | Unit | Foot note text          |
|-----|-------------|-------------------------------------|----------|------|-------------------------|
| 1   | 5.587-214.0 | Valve housing                       | 1.000    | ST   |                         |
| 2   | 5.364-095.0 | Flat gasket                         | 1.000    | ST   |                         |
| 3   | 5.584-085.0 | Valve pin                           | 1.000    | ST   |                         |
| 4   | 5.481-256.0 | Lever                               | 1.000    | ST   |                         |
| 5   | 5.585-030.0 | Float                               | 1.000    | ST   |                         |
| 6   | 4.070-658.3 | Tank complete                       | 1.000    | ST   |                         |
| 7   | 4.747-097.0 | Level probe -nur für Ersatz-        | 1.000    | ST   |                         |
| 8   | 5.310-167.0 | Nut G 3/4"                          | 1.000    | ST   |                         |
| 9   | 6.362-078.0 | O-Ring seal 13,3x2,4                | 1.000    | ST   |                         |
| 10  | 5.443-365.0 | HOSE STEM (HDS555C)                 | 1.000    | ST   |                         |
| 11  | 6.392-258.0 | Piece of tube 19x4x280              | 1.000    | ST   | ALS METERWARE BESTELLEN |
| 12  | 5.112-286.0 | Bush                                | 1.000    | ST   |                         |
| 13  | 5.443-553.0 | Connection piece                    | 1.000    | ST   |                         |
| 14  | 6.362-161.0 | O-Ring seal 19,3 X 2,4              | 1.000    | ST   |                         |
| 15  | 4.730-168.3 | Water filter complete               | 1.000    | ST   |                         |
| 16  | 5.731-587.0 | Water filter                        | 1.000    | ST   |                         |
| 17  | 5.363-336.0 | Seal                                | 1.000    | ST   |                         |
| 18  | 5.363-545.0 | Seal                                | 1.000    | ST   |                         |
| 19  | 7.373-022.0 | Hose clip A-16-27x9 -W2-2 DIN3017   | 2.000    | ST   |                         |
| 20  | 6.388-719.0 | Hose DN17                           | 1.000    | M    | ALS METERWARE BESTELLEN |
| 24  | 5.365-289.0 | Rubber bushing transmitter feeder   | 1.000    | ST   |                         |
| 25  | 4.686-030.0 | Solenoid valve only for replacement | 1.000    | ST   |                         |
| 27  | 6.641-474.0 | Cable tape 8-210                    | 2.000    | ST   |                         |
| 29  | 5.427-432.0 | Manifold                            | 1.000    | ST   |                         |
| 30  | 6.414-141.0 | Strainer                            | 1.000    | ST   |                         |
| 31  | 2.640-492.0 | Set water connection 1 "            | 1.000    | ST   |                         |
| 32  | 6.388-458.0 | Hose coupling                       | 1.000    | ST   |                         |





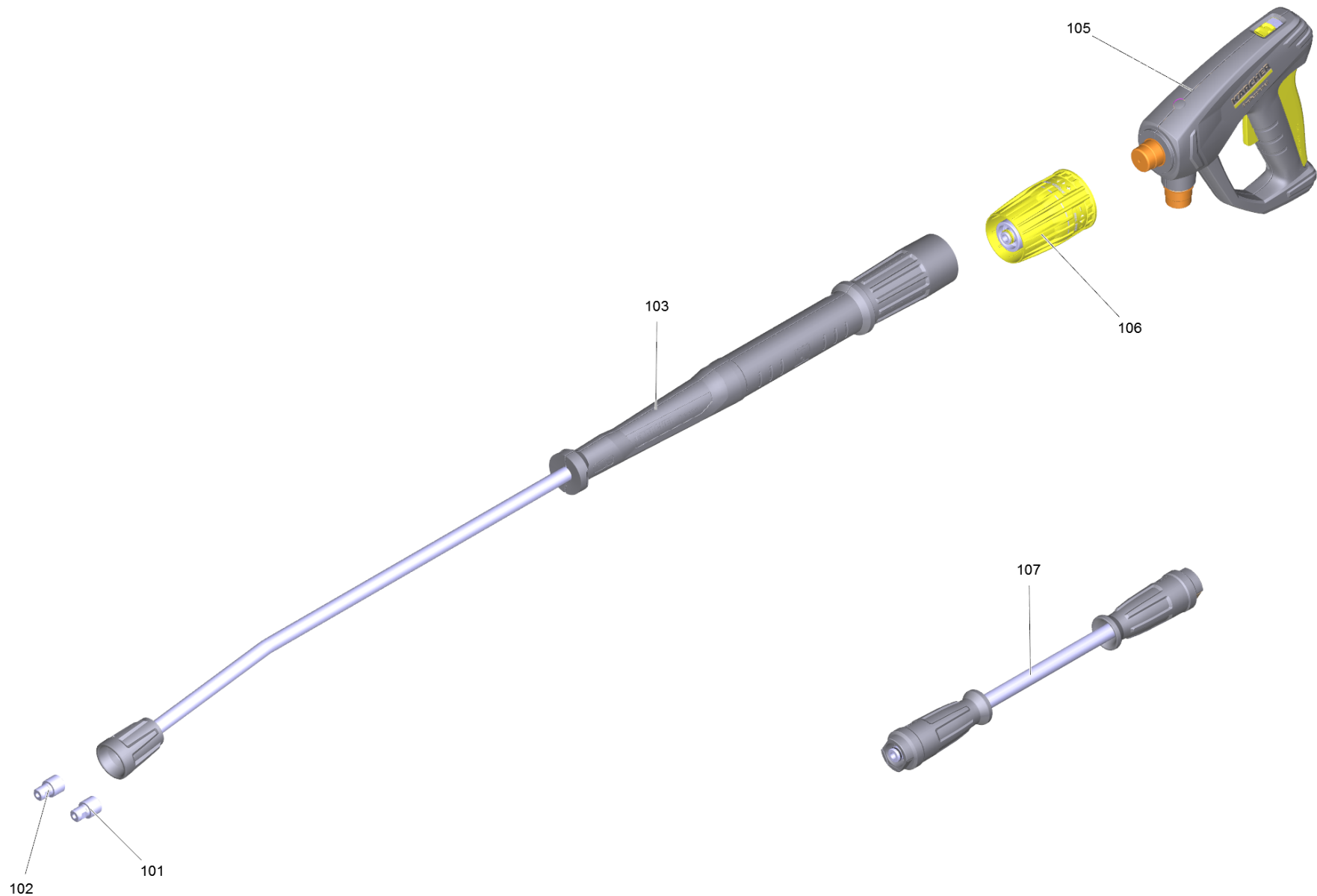
### 31 Set water connection 1 " (2.640-492.0)

| POS | Article no. | Description            | Quantity | Unit |
|-----|-------------|------------------------|----------|------|
| 1   | 5.310-076.0 | Nut                    | 1.000    | ST   |
| 2   | 5.443-291.0 | Hose stem              | 1.000    | ST   |
| 3   | 6.362-161.0 | O-Ring seal 19,3 X 2,4 | 1.000    | ST   |



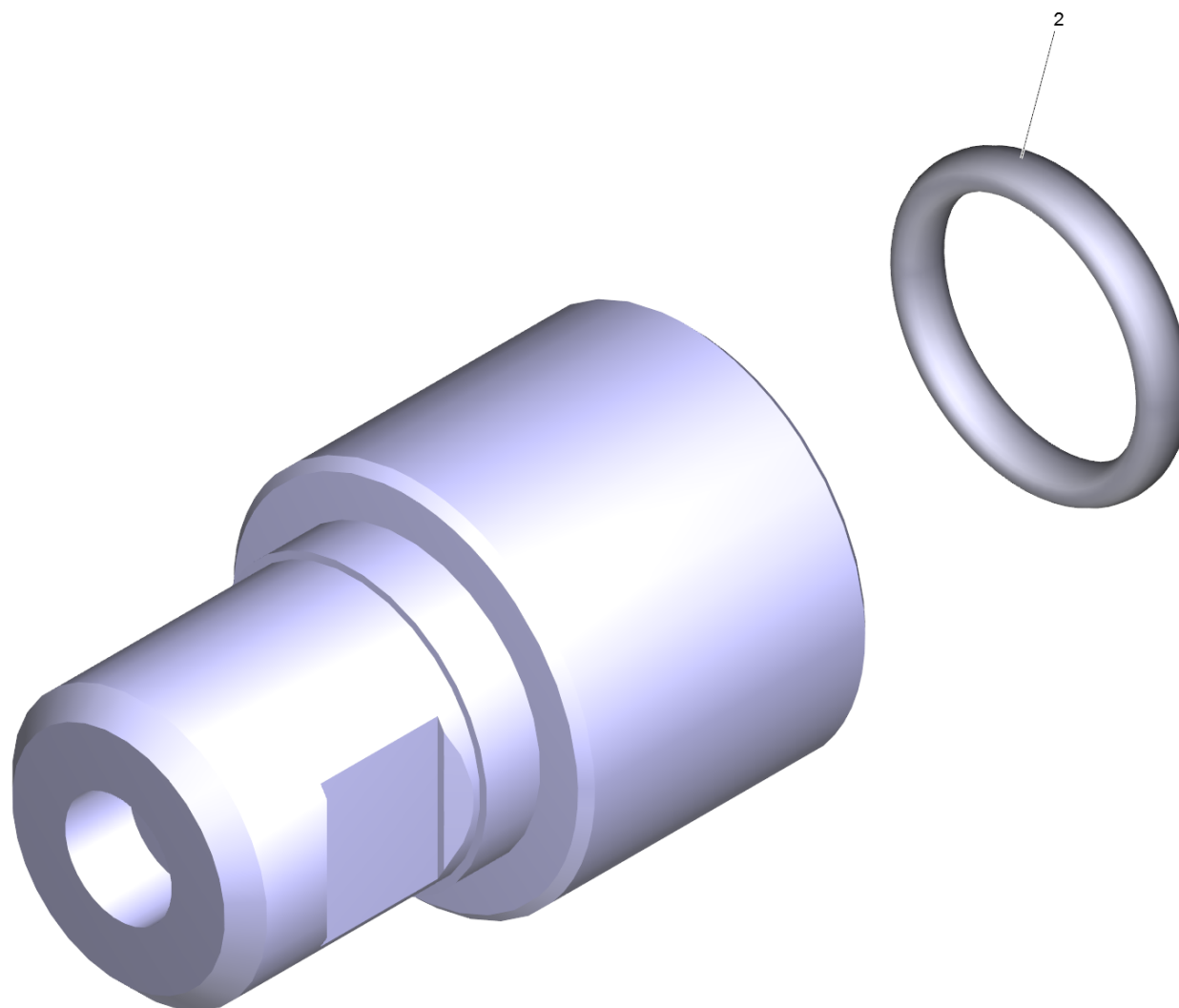
## 90 Safety system

| POS | Article no. | Description                              | Quantity | Unit |
|-----|-------------|------------------------------------------|----------|------|
| 1   | 2.885-051.0 | Reed switch replacement                  | 1.000    | ST   |
| 2   | 6.303-122.0 | M4 .2X13 DIN 7981 TORX T15 PAN HD HI/LO  | 1.000    | ST   |
| 3   | 5.041-076.0 | Clamp                                    | 1.000    | ST   |
| 4   | 5.305-162.0 | Shaped screw                             | 1.000    | ST   |
| 5   | 6.362-482.0 | O-Ring seal 10 x 1,5-NBR 70              | 1.000    | ST   |
| 7   | 4.551-058.0 | Cartridge protection against water short | 1.000    | ST   |
| 8   | 4.427-043.0 | Manifold complete screw plug             | 1.000    | ST   |
| 9   | 6.362-845.0 | O-Ring seal 10,82x 1,78                  | 1.000    | ST   |
| 10  | 4.580-710.0 | Safety valve complete replacement        | 1.000    | ST   |
| 11  | 6.414-566.0 | Strainer WMS                             | 1.000    | ST   |
| 12  | 5.378-150.0 | Holder pipe                              | 1.000    | ST   |
| 13  | 5.767-023.0 | Rubber buffer                            | 1.000    | ST   |
| 14  | 7.303-108.0 | Screw 5x20 -10.9-R2R (In6Rd)             | 1.000    | ST   |
| 15  | 4.422-991.0 | Pressure gauge complete only for replace | 1.000    | ST   |
| 16  | 6.401-429.0 | Sphere polyamide 8mm                     | 1.000    | ST   |



## 100 Accessories

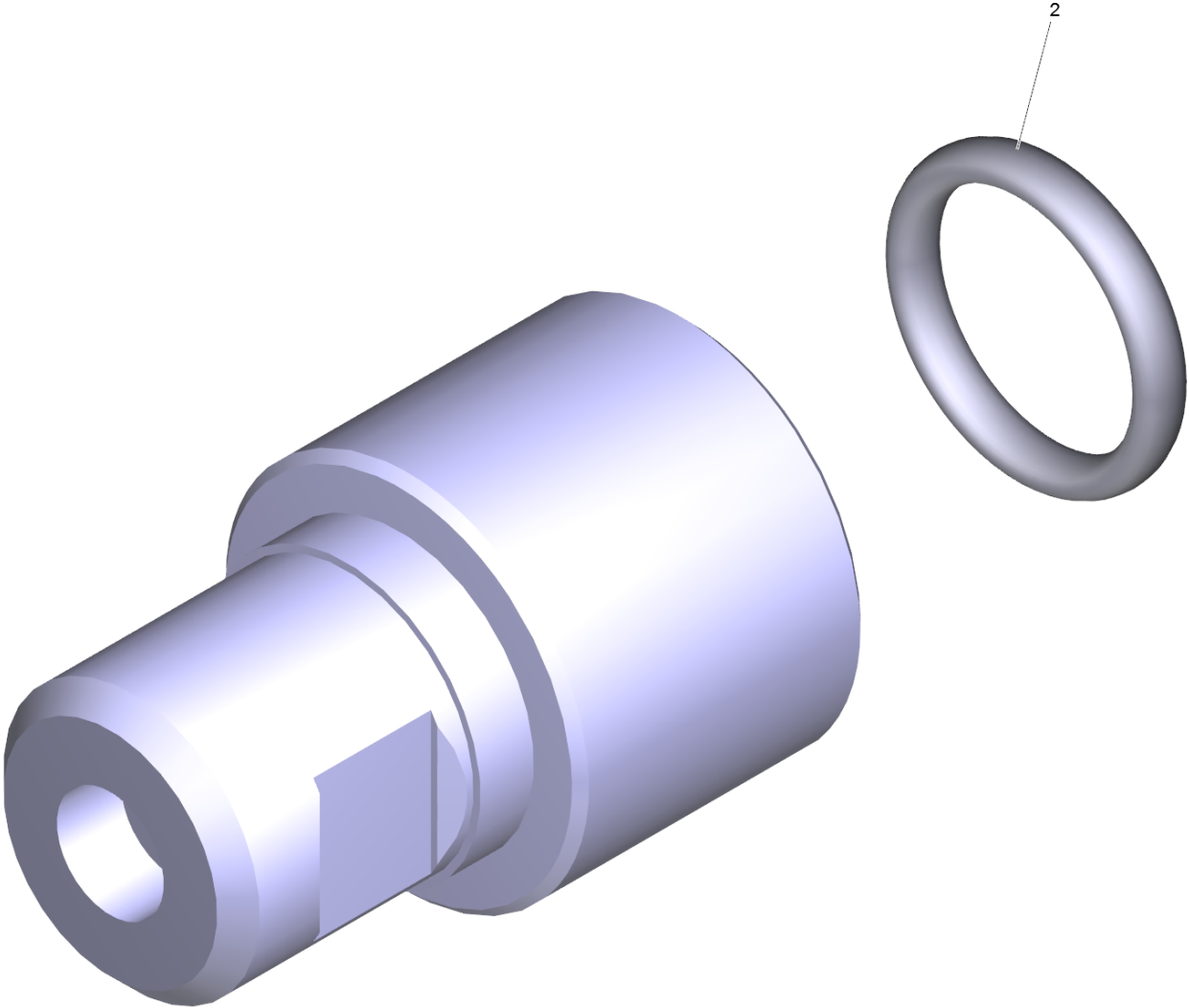
| POS | Article no. | Description                    | Quantity | Unit |
|-----|-------------|--------------------------------|----------|------|
| 101 | 2.113-026.0 | Power nozzle TR 25060          | 1.000    | ST   |
| 102 | 2.114-004.0 | Steam nozzle TR 40060          | 1.000    | ST   |
| 103 | 4.112-000.0 | Jet pipe TR 1050 mm            | 1.000    | ST   |
| 105 | 4.118-005.0 | EASY!Force Advanced            | 1.000    | ST   |
| 106 | 4.118-007.0 | Rotary controller TR 270L      | 1.000    | ST   |
| 107 | 6.110-038.0 | Hose assembly TR DN8 40MPa 10m | 1.000    | ST   |



101 Power nozzle TR 25060 (2.113-026.0)

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| POS | Article no. | Description             | Quantity | Unit |
|-----|-------------|-------------------------|----------|------|
| 2   | 2.880-001.0 | Spare part set seals TR | 1.000    | ST   |





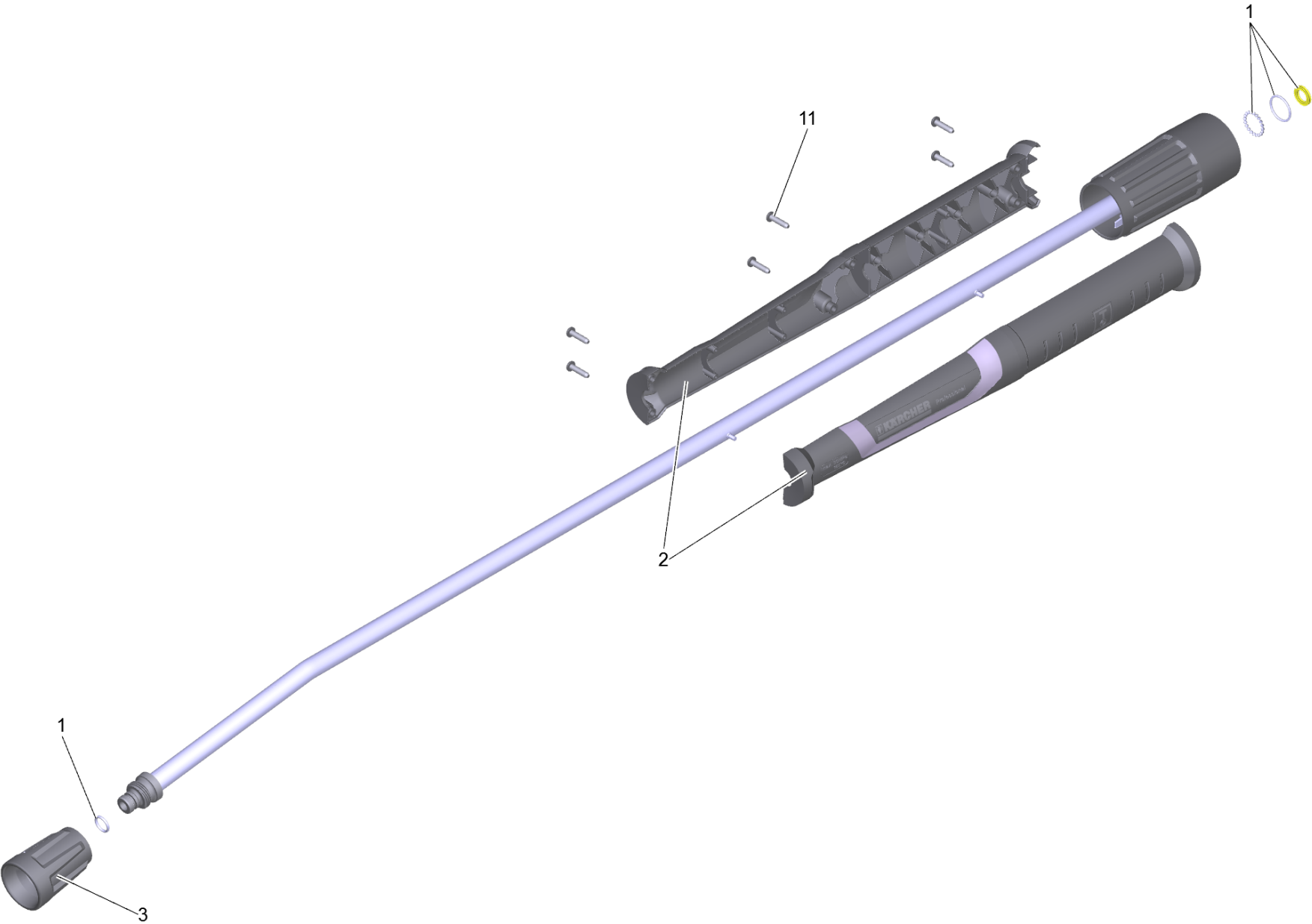
## 102 Steam nozzle TR 40060 (2.114-004.0)

| POS | Article no. | Description             | Quantity | Unit |
|-----|-------------|-------------------------|----------|------|
| 2   | 2.880-001.0 | Spare part set seals TR | 1.000    | ST   |

103 Jet pipe TR 1050 mm (4.112-000.0)

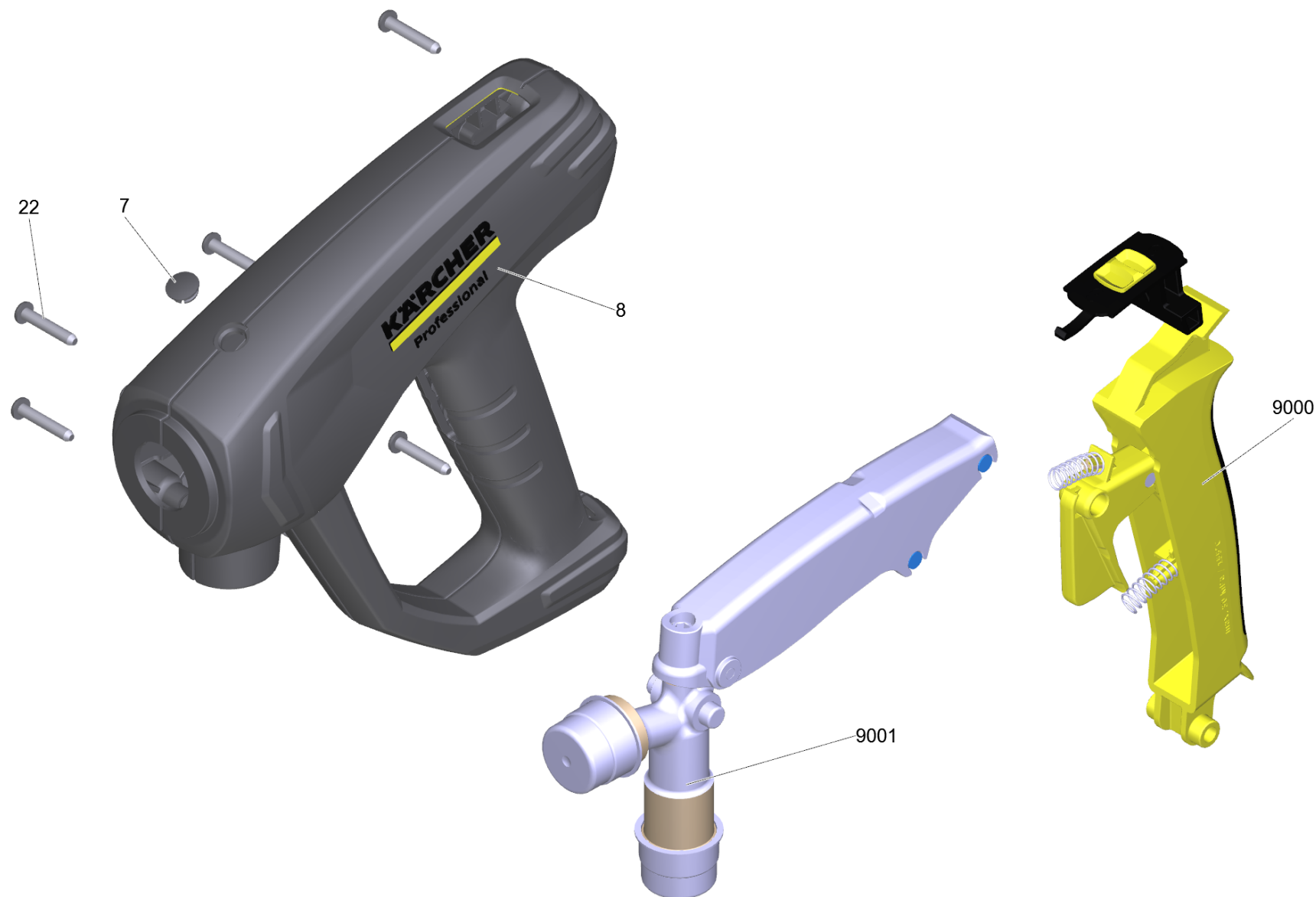
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| POS | Article no. | Description         | Quantity | Unit |
|-----|-------------|---------------------|----------|------|
| 1   | 4.112-012.0 | Jet pipe TR 1050 mm | 1.000    | ST   |



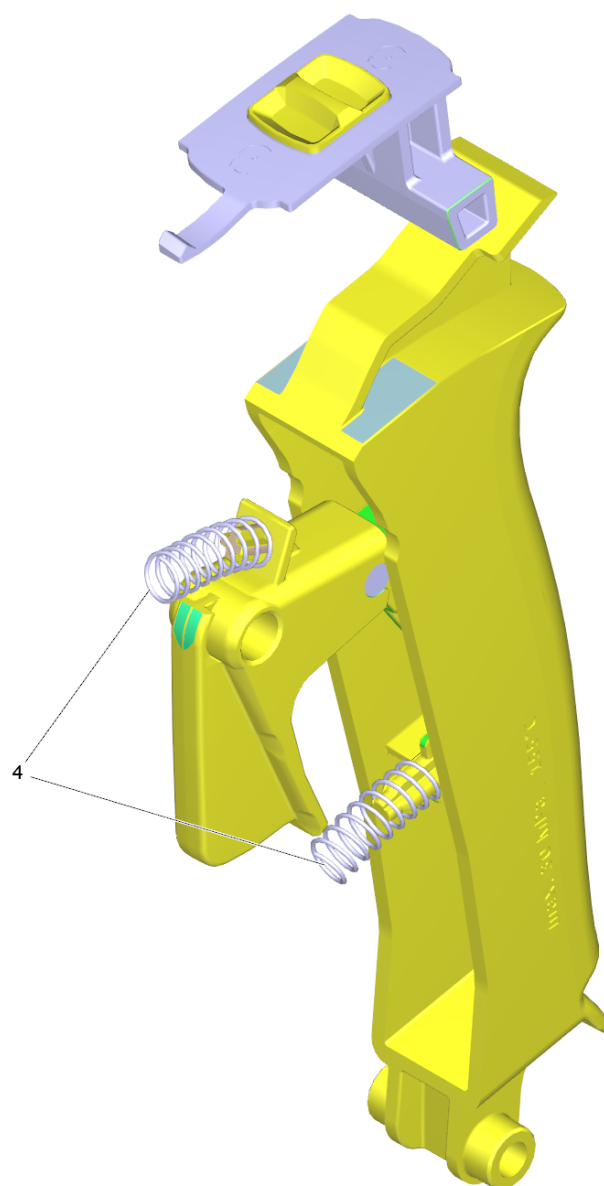
## 1 Jet pipe TR 1050 mm (4.112-012.0)

| POS | Article no. | Description                              | Quantity | Unit |
|-----|-------------|------------------------------------------|----------|------|
| 1   | 4.100-688.0 | Spare part set seal TR                   | 1.000    | ST   |
| 2   | 5.321-018.3 | Handle bowl jet pipe only for replacemen | 1.000    | ST   |
| 3   | 4.112-011.0 | Protection part TR only for replacement  | 1.000    | ST   |
| 11  | 7.303-129.0 | Screw 4x16 -10.9-R2R (K-In6Rd)           | 6.000    | ST   |



## 105 EASY!Force Advanced (4.118-005.0)

| POS  | Article no. | Description                              | Quantity | Unit |
|------|-------------|------------------------------------------|----------|------|
| 7    | 5.132-001.0 | Plug                                     | 1.000    | ST   |
| 8    | 5.321-136.3 | Handhold few EH 155 only for replacement | 1.000    | ST   |
| 22   | 7.303-096.0 | Screw 4x22 -ST-10.9-R2R (IN6RD)          | 7.000    | ST   |
| 9000 | 2.885-483.0 | Spare part set lever                     | 1.000    | ST   |
| 9001 | 4.427-014.0 | Manifold TR EH 155 nur fuer Ersatz       | 1.000    | ST   |



9000 Spare part set lever (2.885-483.0)

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| POS | Article no. | Description    | Quantity | Unit |
|-----|-------------|----------------|----------|------|
| 4   | 5.332-032.0 | Helical spring | 2.000    | ST   |

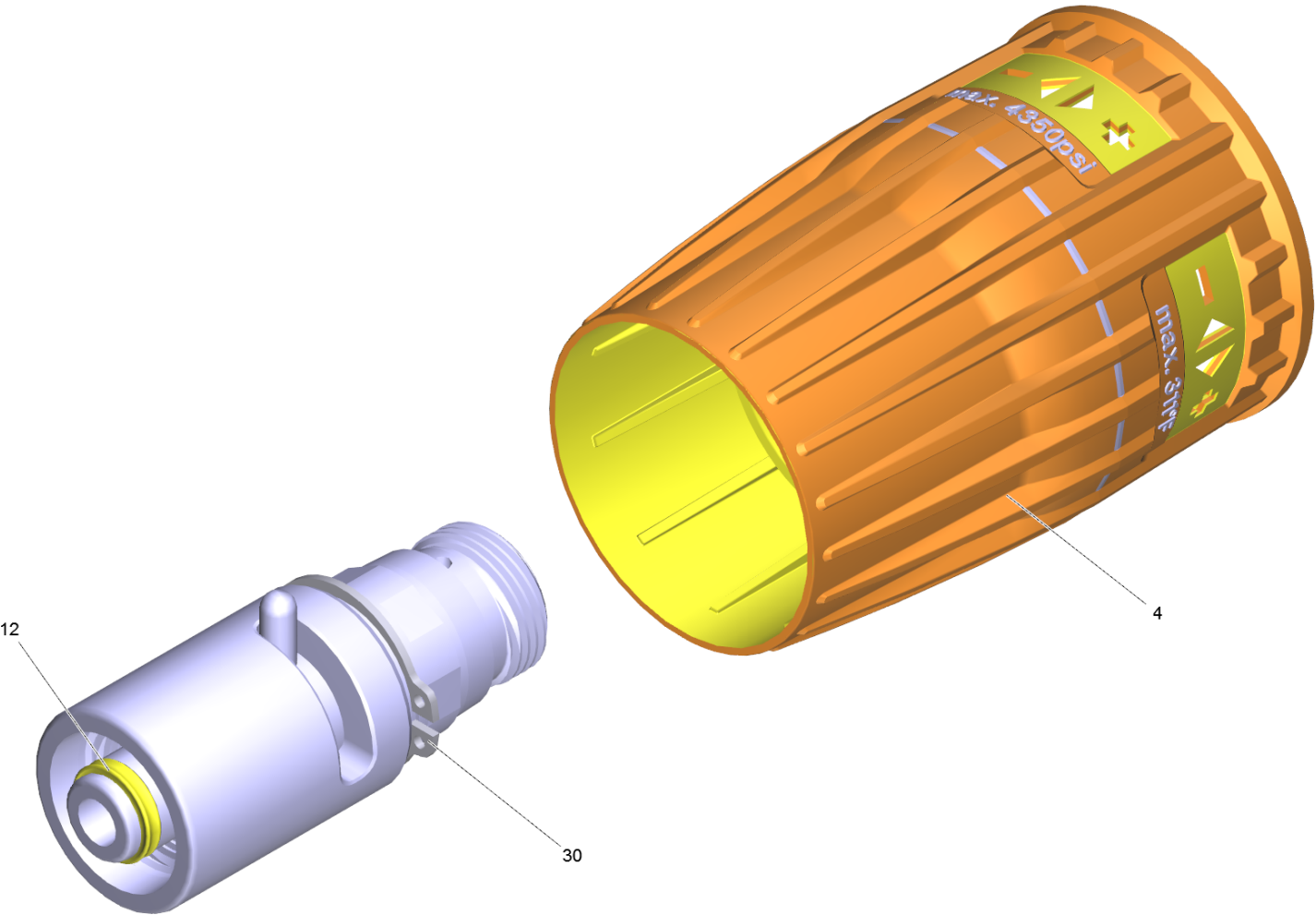


106 Rotary controller TR 270L (4.118-007.0)

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| POS | Description               | Quantity | Unit |
|-----|---------------------------|----------|------|
| 1   | Rotary controller TR 270L | 1.000    | ST   |

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## 1 Rotary controller TR 270L

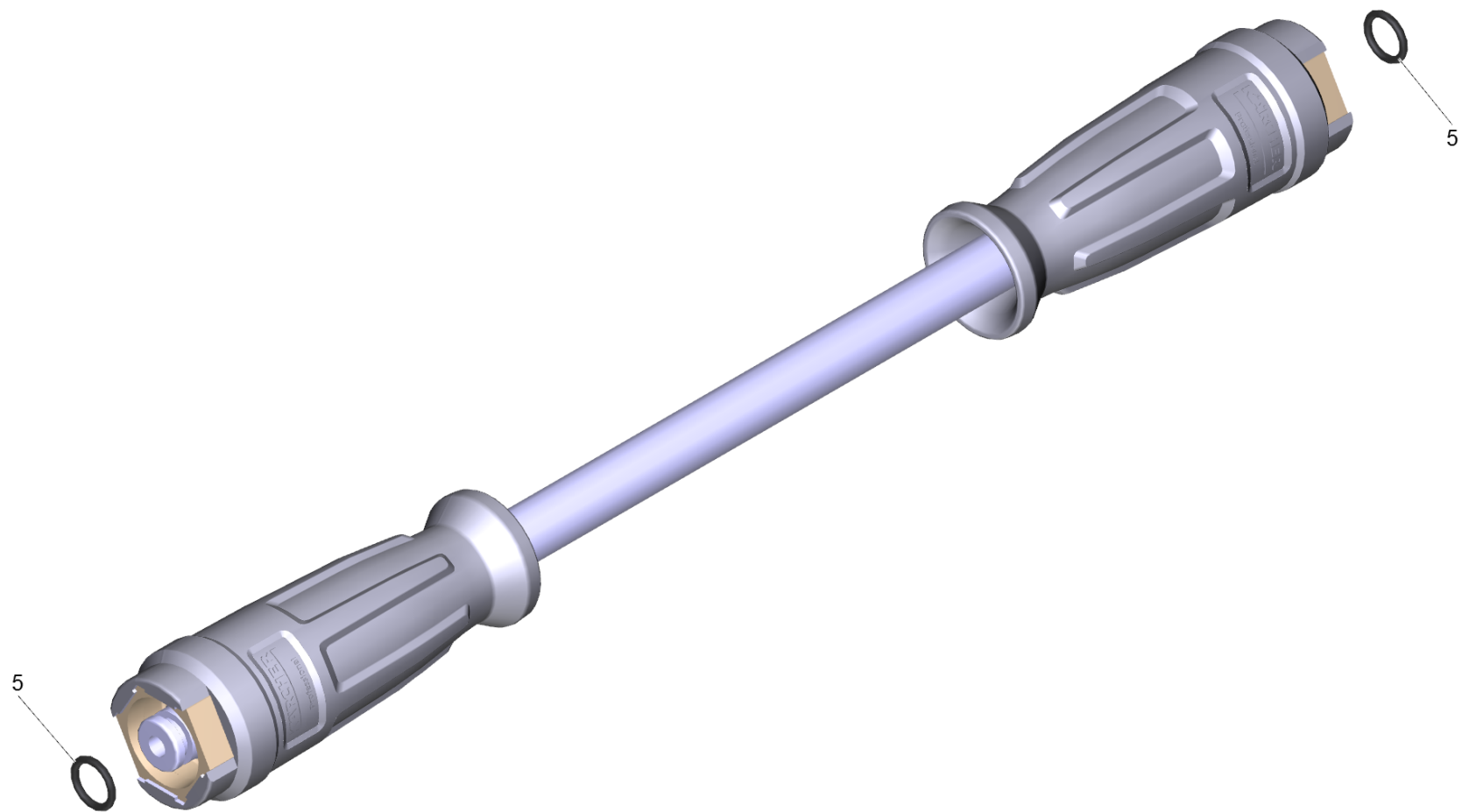
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| POS | Article no. | Description                        | Quantity | Unit |
|-----|-------------|------------------------------------|----------|------|
| 4   | 5.321-364.3 | Handhold rotary controller         | 1.000    | ST   |
| 12  | 2.880-001.0 | Spare part set seals TR            | 1.000    | ST   |
| 30  | 7.343-069.0 | Locking ring 25x1,2-1.4122 DIN 471 | 1.000    | ST   |

107 Hose assembly TR DN8 40MPa 10m (6.110-038.0)

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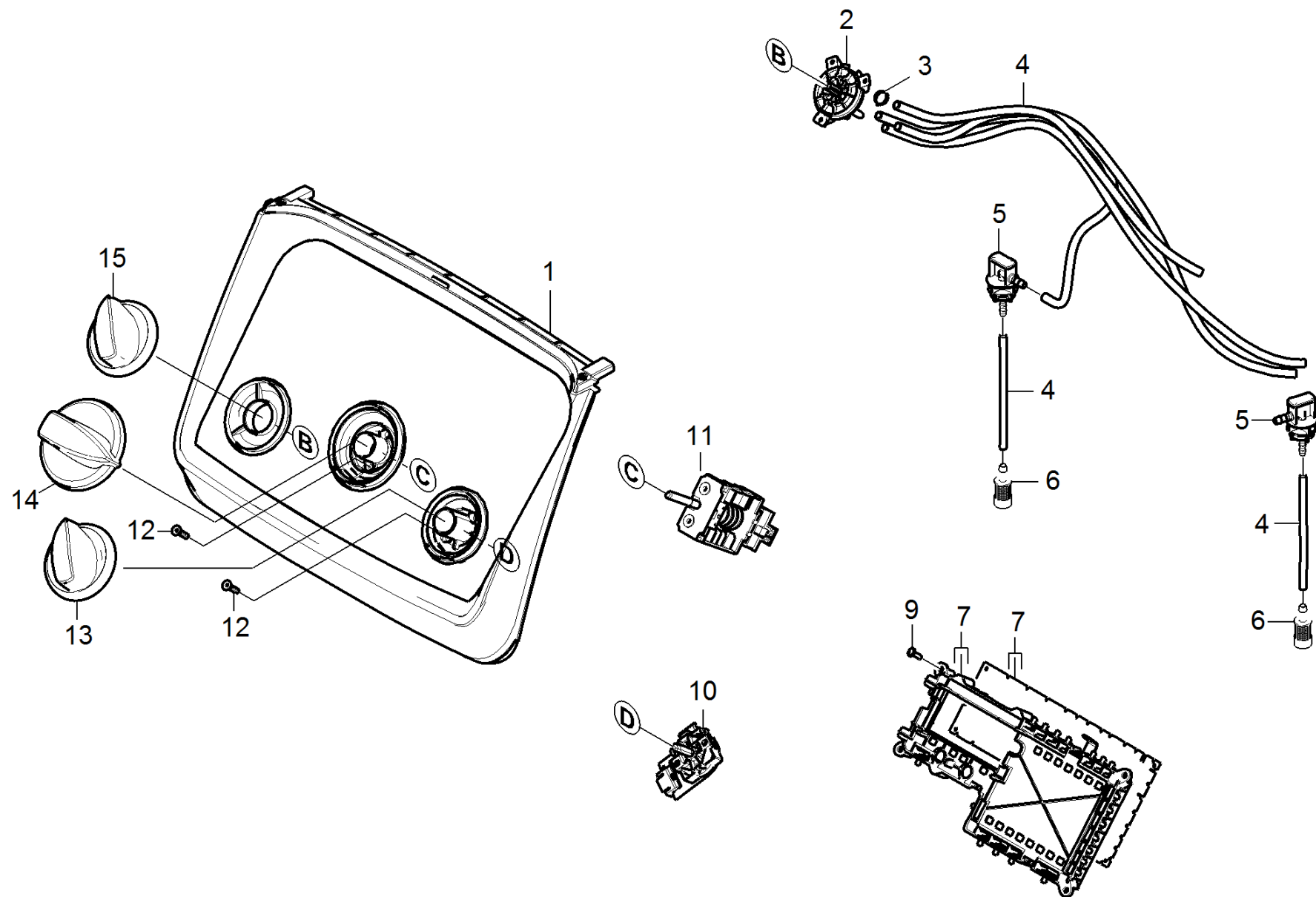
| POS | Description                              | Quantity | Unit |
|-----|------------------------------------------|----------|------|
| 1   | Hose assembly TR rotatable DN8 40MPa 10m | 1.000    | ST   |



1 Hose assembly TR rotatable DN8 40MPa 10m

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| POS | Article no. | Description | Quantity | Unit |
|-----|-------------|-------------|----------|------|
| 5   | 2.880-154.0 | O-Ring kit  | 1.000    | ST   |



## 110 Control panel

| POS | Article no. | Description                             | Quantity | Unit | Foot note text          |
|-----|-------------|-----------------------------------------|----------|------|-------------------------|
| 1   | 4.841-381.0 | Control panel replacement               | 1.000    | ST   |                         |
| 2   | 4.063-842.0 | Proportioning valve chemistry           | 1.000    | ST   |                         |
| 3   | 6.388-559.0 | Hose clip                               | 4.000    | ST   |                         |
| 4   | 6.391-341.0 | Hose chemistry DN 6                     | 1.000    | M    | ALS METERWARE BESTELLEN |
| 5   | 5.132-195.0 | Plug aspiration chemistry               | 2.000    | ST   |                         |
| 6   | 5.731-638.0 | Filter with weight                      | 2.000    | ST   |                         |
| 7   | 2.885-052.0 | Frame circuit board complete            | 1.000    | ST   |                         |
| 9   | 7.303-106.0 | Screw 4x12 -10.9-R2R (IN6RD)            | 2.000    | ST   |                         |
| 10  | 4.630-005.0 | Switch temperature only for replacement | 1.000    | ST   |                         |
| 11  | 6.630-421.3 | Switch program selection                | 1.000    | ST   |                         |
| 12  | 7.305-019.0 | Countersunk screw M4x16 -8.8-R2R (In6Rd | 4.000    | ST   |                         |
| 13  | 5.321-847.0 | Handle                                  | 1.000    | ST   |                         |
| 14  | 5.321-848.0 | Handle                                  | 1.000    | ST   |                         |
| 15  | 5.321-844.0 | Handle                                  | 1.000    | ST   |                         |



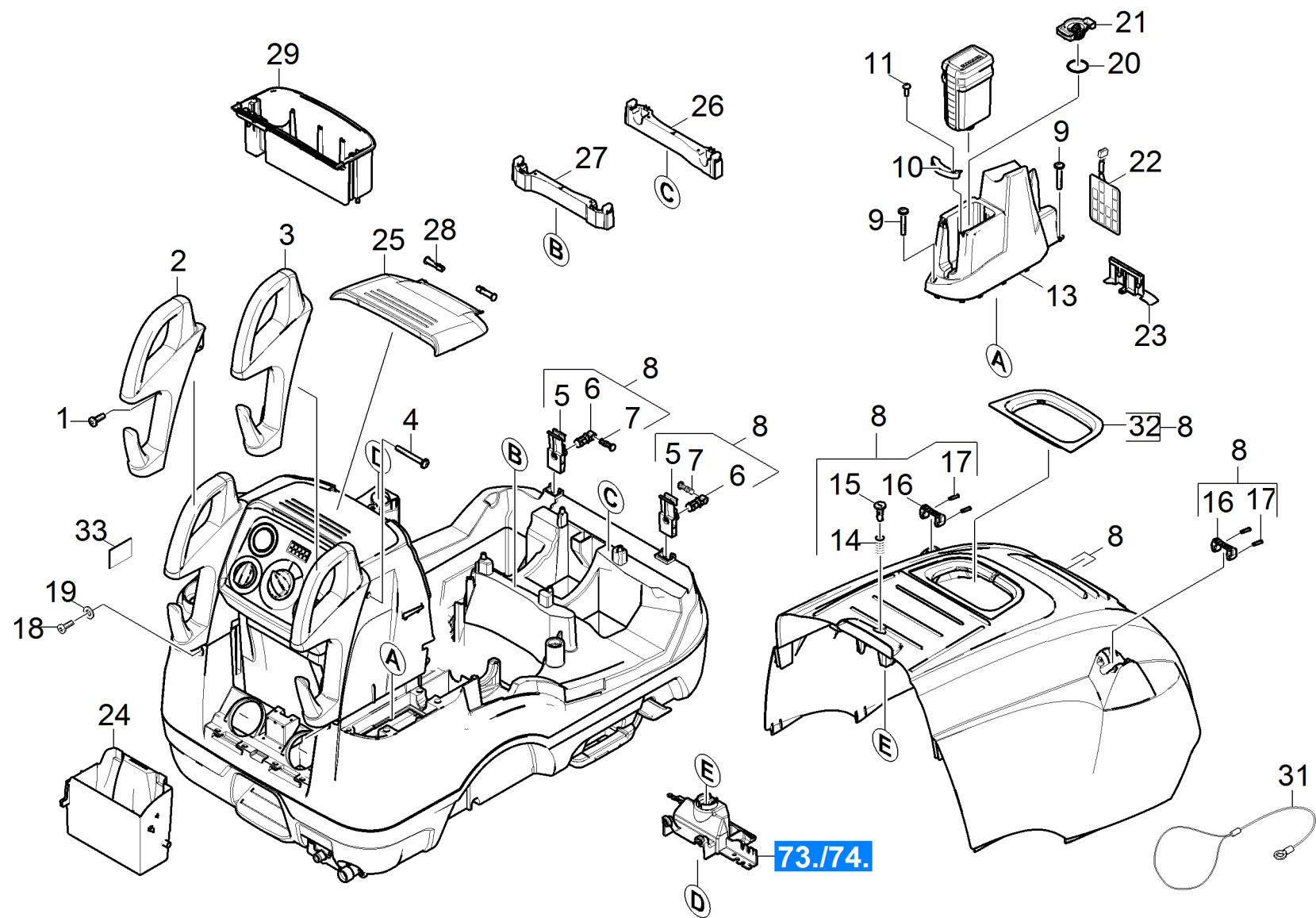
Spare parts list HDS 7/9-4M \*GB (5.973-826.0)

| POS | Description          | Quantity | Unit |
|-----|----------------------|----------|------|
| 10  | Housing              | 1.000    | ST   |
| 20  | Pump set             | 1.000    | ST   |
| 30  | Motor                | 1.000    | ST   |
| 40  | Blower               | 1.000    | ST   |
| 50  | Fuel pump and filter | 1.000    | ST   |
| 60  | Electric control box | 1.000    | ST   |
| 70  | Flow heater          | 1.000    | ST   |
| 80  | Float valve          | 1.000    | ST   |
| 90  | Safety system        | 1.000    | ST   |
| 100 | Accessories          | 1.000    | ST   |
| 110 | Control panel        | 1.000    | ST   |

## 10 Housing

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| POS | Description         | Quantity | Unit |
|-----|---------------------|----------|------|
| 11  | Housing top part    | 1.000    | ST   |
| 12  | Housing bottom part | 1.000    | ST   |



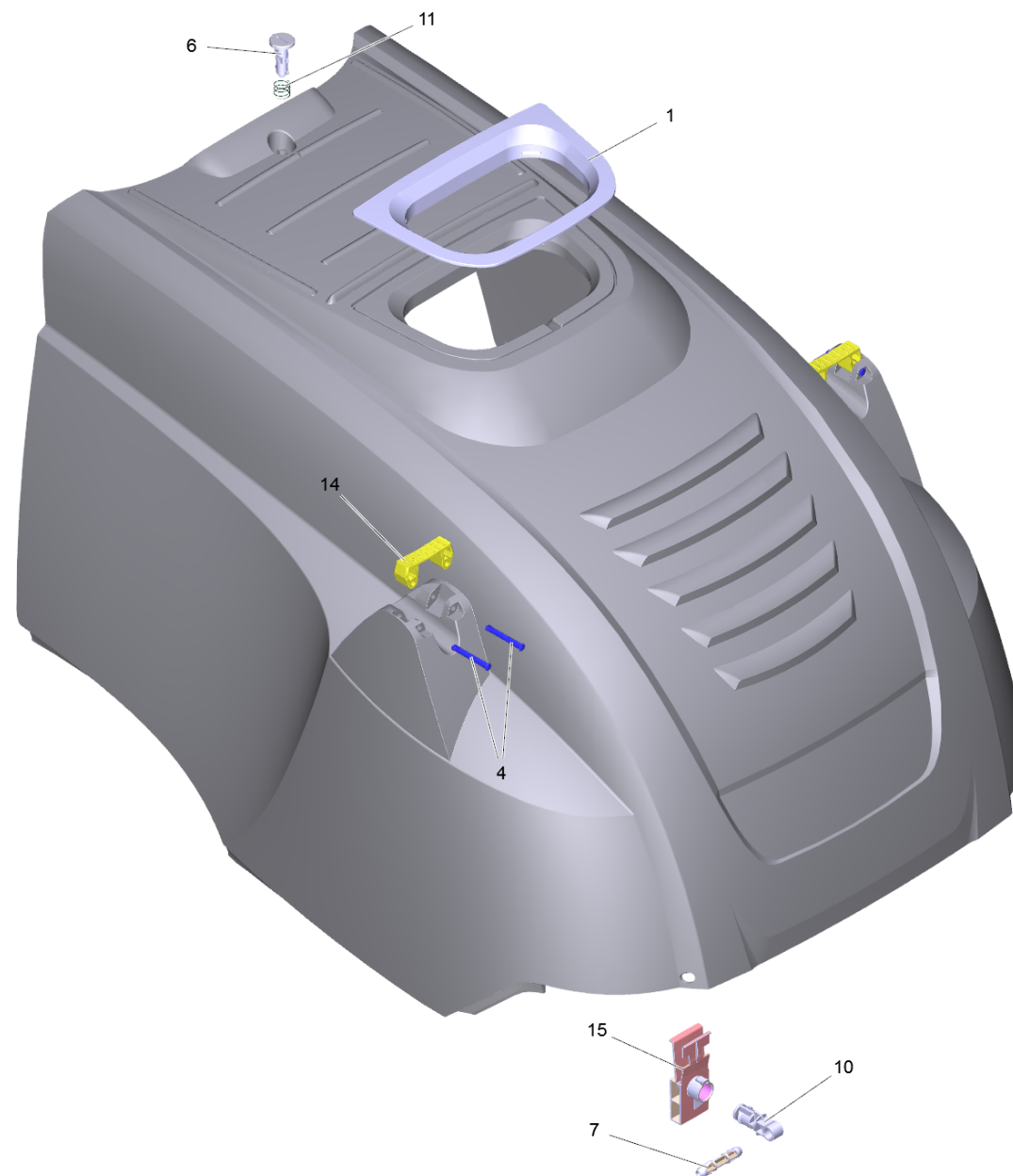
## 11 Housing top part

| POS | Article no. | Description                              | Quantity | Unit |
|-----|-------------|------------------------------------------|----------|------|
| 1   | 7.303-069.0 | Screw M 8x25-ST-R3R (IN6RD)              | 2.000    | ST   |
| 2   | 5.321-830.0 | Sliding handle left                      | 1.000    | ST   |
| 3   | 5.321-831.3 | Sliding handle right                     | 1.000    | ST   |
| 4   | 7.303-209.0 | Screw 6x50 -10.9-R2R (K-In6Rd)           | 2.000    | ST   |
| 5   | 5.501-083.0 | Hinge cover black                        | 2.000    | ST   |
| 6   | 5.317-779.0 | Bolt hinge black                         | 2.000    | ST   |
| 7   | 5.317-291.0 | Bolt                                     | 2.000    | ST   |
| 8   | 4.066-426.0 | Device cover complete only for replaceme | 1.000    | ST   |
| 9   | 7.303-086.0 | Screw 5x30 -10.9-R2R (K-In6Rd)           | 2.000    | ST   |
| 10  | 5.033-381.0 | Profile                                  | 1.000    | ST   |
| 11  | 7.303-106.0 | Screw 4x12 -10.9-R2R (IN6RD)             | 1.000    | ST   |
| 13  | 5.033-344.0 | Covering cap DGT                         | 1.000    | ST   |
| 14  | 5.332-236.0 | Helical spring                           | 1.000    | ST   |
| 15  | 5.317-765.0 | Bolt closure cover                       | 1.000    | ST   |
| 16  | 5.424-162.0 | Fixing jet pipe                          | 2.000    | ST   |
| 17  | 5.314-143.0 | Pin fixing jet pipe                      | 4.000    | ST   |
| 18  | 6.303-497.0 | Screw M8x35-8.8-A2E (IN6RD)              | 2.000    | ST   |
| 19  | 7.312-277.0 | Washer 8-200HV-A2E ISO7093-1             | 2.000    | ST   |
| 20  | 6.362-377.0 | O-Ring seal 38,0 X 2,0-NBR 70            | 1.000    | ST   |
| 21  | 5.425-495.0 | CONNECTION PIECE DGT                     | 1.000    | ST   |
| 22  | 2.885-055.0 | Circuit board                            | 1.000    | ST   |
| 23  | 5.044-889.0 | Holder circuit board                     | 1.000    | ST   |
| 24  | 5.033-155.0 | Flap                                     | 1.000    | ST   |
| 25  | 5.033-113.0 | Flap                                     | 1.000    | ST   |
| 26  | 5.190-254.0 | Strip cover                              | 1.000    | ST   |
| 27  | 5.190-253.0 | Strip boiler                             | 1.000    | ST   |
| 28  | 5.317-220.0 | Bolt                                     | 2.000    | ST   |
| 29  | 5.033-112.0 | Storage compartment                      | 1.000    | ST   |
| 31  | 6.431-274.0 | Tackle cover                             | 1.000    | ST   |
| 32  | 5.061-455.0 | Sheet metal component                    | 1.000    | ST   |
| 33  | 5.387-620.0 | Warning sticker-Prevent from freezing    | 1.000    | ST   |

8 Device cover complete only for replaceme (4.066-426.0)

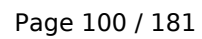
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| POS | Description                              | Quantity | Unit |
|-----|------------------------------------------|----------|------|
| 1   | Device cover complete basalt grey RAL 70 | 1.000    | ST   |



## 1 Device cover complete basalt grey RAL 70

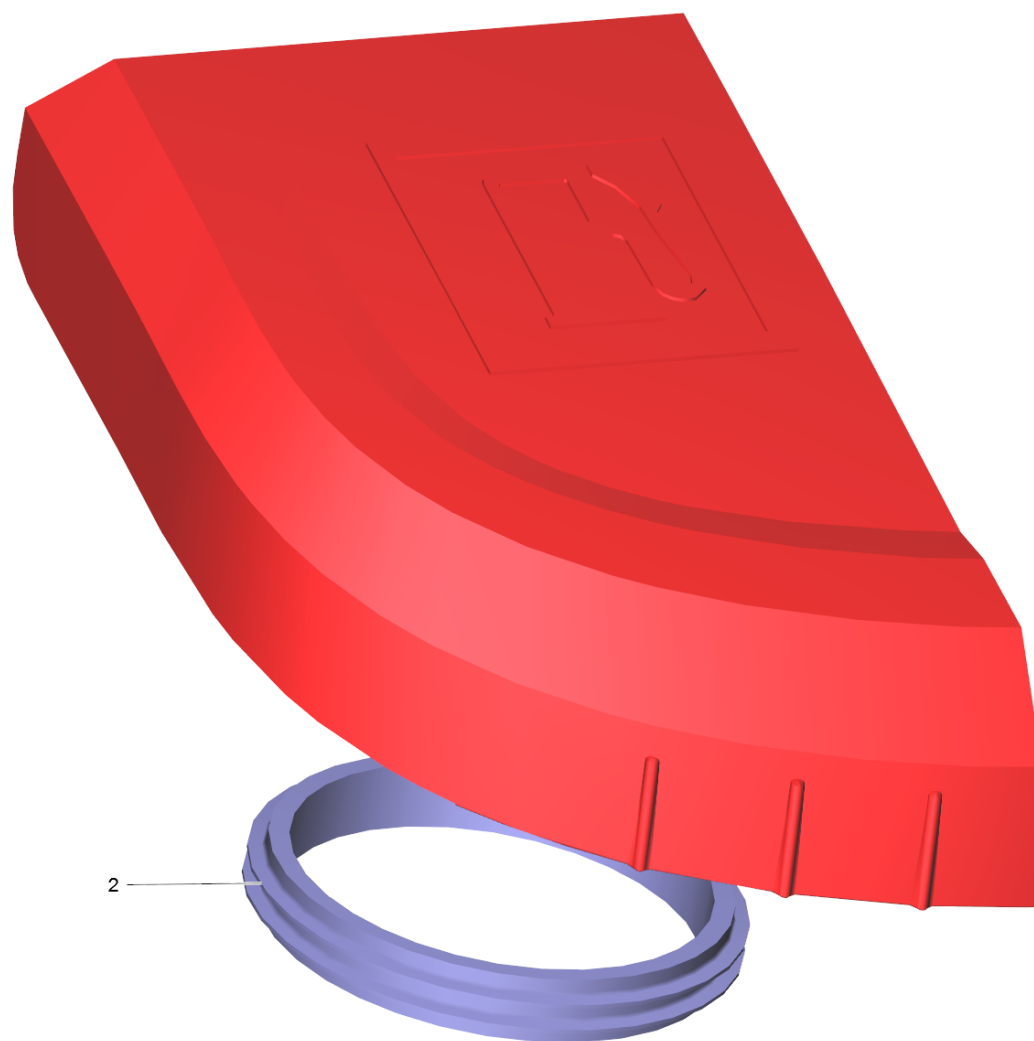
| POS | Article no. | Description           | Quantity | Unit |
|-----|-------------|-----------------------|----------|------|
| 1   | 5.061-455.0 | Sheet metal component | 1.000    | ST   |
| 4   | 5.314-143.0 | Pin fixing jet pipe   | 4.000    | ST   |
| 6   | 5.317-765.0 | Bolt closure cover    | 1.000    | ST   |
| 7   | 5.317-291.0 | Bolt                  | 2.000    | ST   |
| 10  | 5.317-779.0 | Bolt hinge black      | 2.000    | ST   |
| 11  | 5.332-236.0 | Helical spring        | 1.000    | ST   |
| 14  | 5.424-162.0 | Fixing jet pipe       | 2.000    | ST   |
| 15  | 5.501-083.0 | Hinge cover black     | 2.000    | ST   |





## 12 Housing bottom part

| POS | Article no. | Description                    | Quantity | Unit | Foot note text    |
|-----|-------------|--------------------------------|----------|------|-------------------|
| 1   | 5.111-065.0 | Spacer sleeve                  | 2.000    | ST   |                   |
| 3   | 7.303-236.0 | Screw M 8x60-St-A3E (IN6RD)    | 1.000    | ST   |                   |
| 4   | 6.435-747.0 | Castor                         | 1.000    | ST   |                   |
| 5   | 7.303-237.0 | Screw M 8x70-St-A3K (IN6RD)    | 3.000    | ST   |                   |
| 6   | 7.303-046.0 | Screw M6x12 -St-R3R (In6Rd)    | 4.000    | ST   |                   |
| 7   | 5.424-136.0 | Fixing                         | 2.000    | ST   |                   |
| 8   | 4.515-345.0 | Wheel complete                 | 2.000    | ST   |                   |
| 9   | 2.889-086.0 | Set wheel cap                  | 1.000    | ST   | SATZ MIT 2 STUECK |
| 10  | 6.343-162.0 | Lock washer -25                | 2.000    | ST   |                   |
| 11  | 7.312-060.0 | Washer 24-100HV-A3E ISO 7091   | 2.000    | ST   |                   |
| 12  | 7.303-236.0 | Screw M 8x60-St-A3E (IN6RD)    | 1.000    | ST   |                   |
| 13  | 5.105-652.0 | Axle                           | 1.000    | ST   |                   |
| 19  | 5.263-087.0 | Tensioning part                | 1.000    | ST   |                   |
| 20  | 7.303-086.0 | Screw 5x30 -10.9-R2R (K-In6Rd) | 2.000    | ST   |                   |
| 21  | 5.263-088.0 | Tensioning part                | 1.000    | ST   |                   |
| 22  | 5.064-231.0 | Cover chemistry 2              | 1.000    | ST   |                   |
| 23  | 5.064-221.0 | Cover chemistry 1              | 1.000    | ST   |                   |
| 24  | 5.731-039.0 | Filter                         | 1.000    | ST   |                   |
| 25  | 5.363-300.0 | Joint ring                     | 1.000    | ST   |                   |
| 26  | 4.064-013.0 | Cover fuel complete            | 1.000    | ST   |                   |
| 27  | 4.051-109.0 | Frame neue M-Klasse Ersatz     | 1.000    | ST   |                   |
| 28  | 5.027-292.0 | Tube handhold                  | 1.000    | ST   |                   |
| 29  | 7.312-277.0 | Washer 8-200HV-A2E ISO7093-1   | 1.000    | ST   |                   |
| 42  | 5.424-137.0 | Fixing castor                  | 1.000    | ST   |                   |
| 43  | 7.303-107.0 | Screw 5x16 -10.9-P2R (K-In6Rd) | 1.000    | ST   |                   |



26 Cover fuel complete (4.064-013.0)

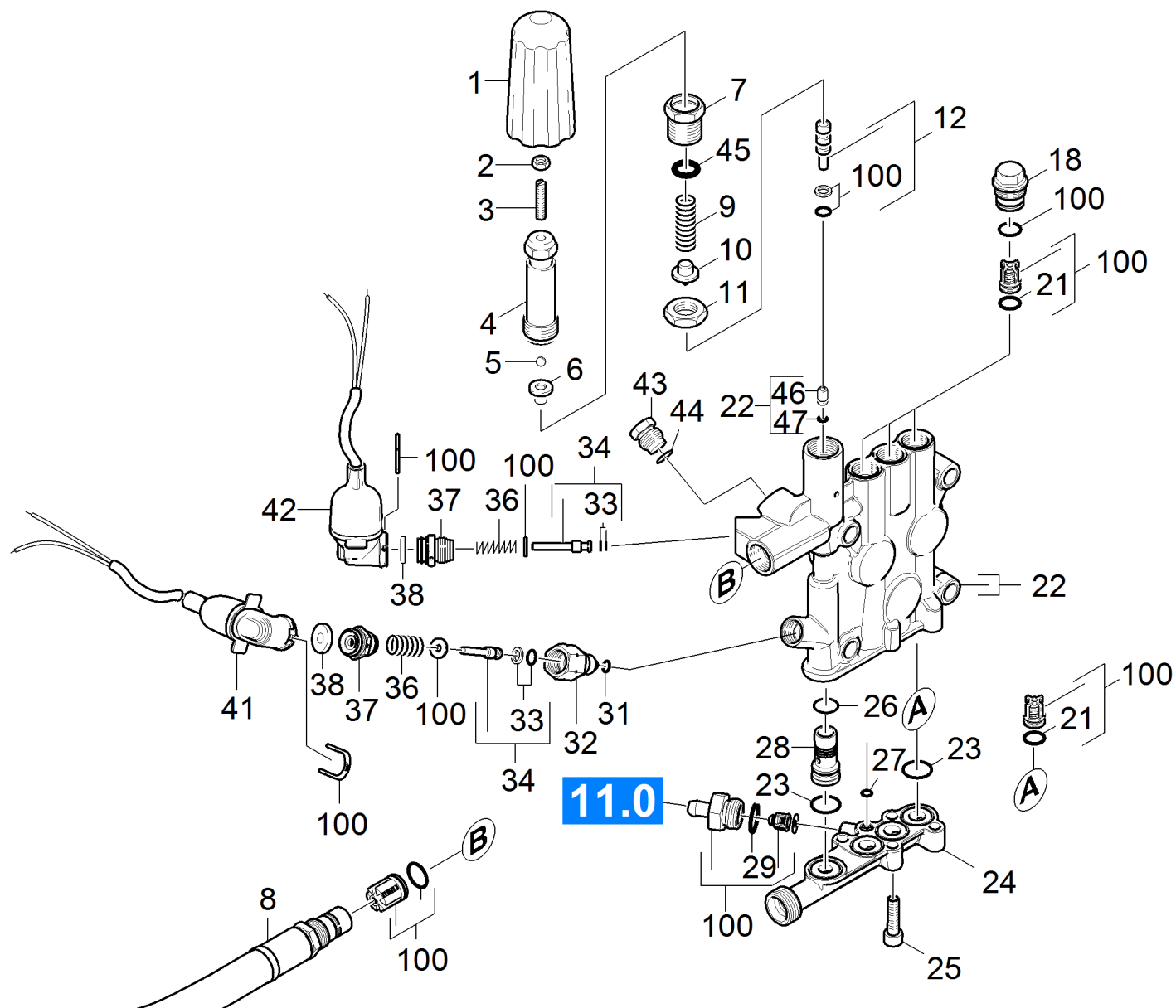
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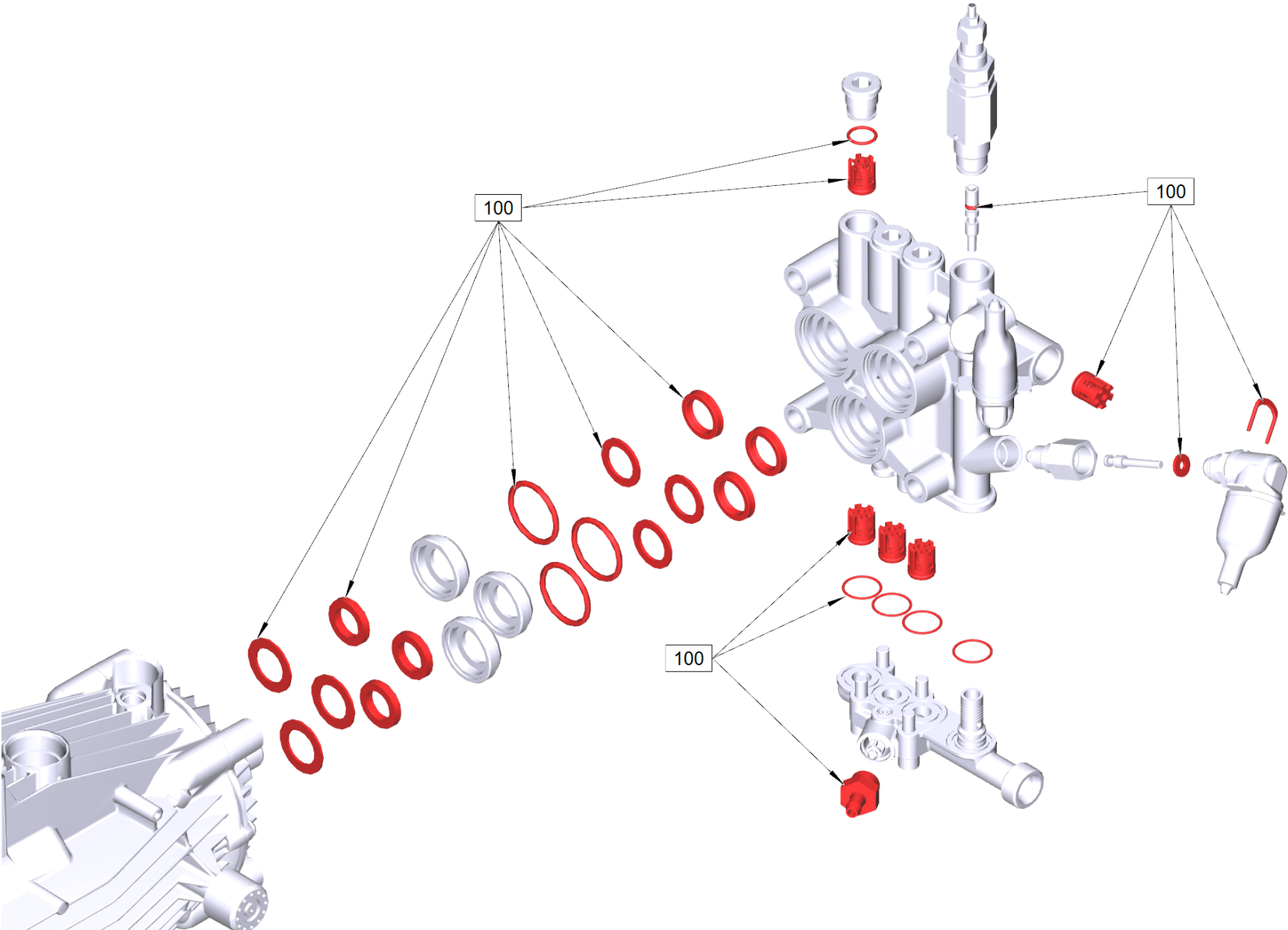
| POS | Article no. | Description | Quantity | Unit |
|-----|-------------|-------------|----------|------|
| 2   | 5.363-300.0 | Joint ring  | 1.000    | ST   |

## 20 Pump set

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| POS | Description   | Quantity | Unit |
|-----|---------------|----------|------|
| 21  | Cylinder head | 1.000    | ST   |
| 22  | Piston        | 1.000    | ST   |





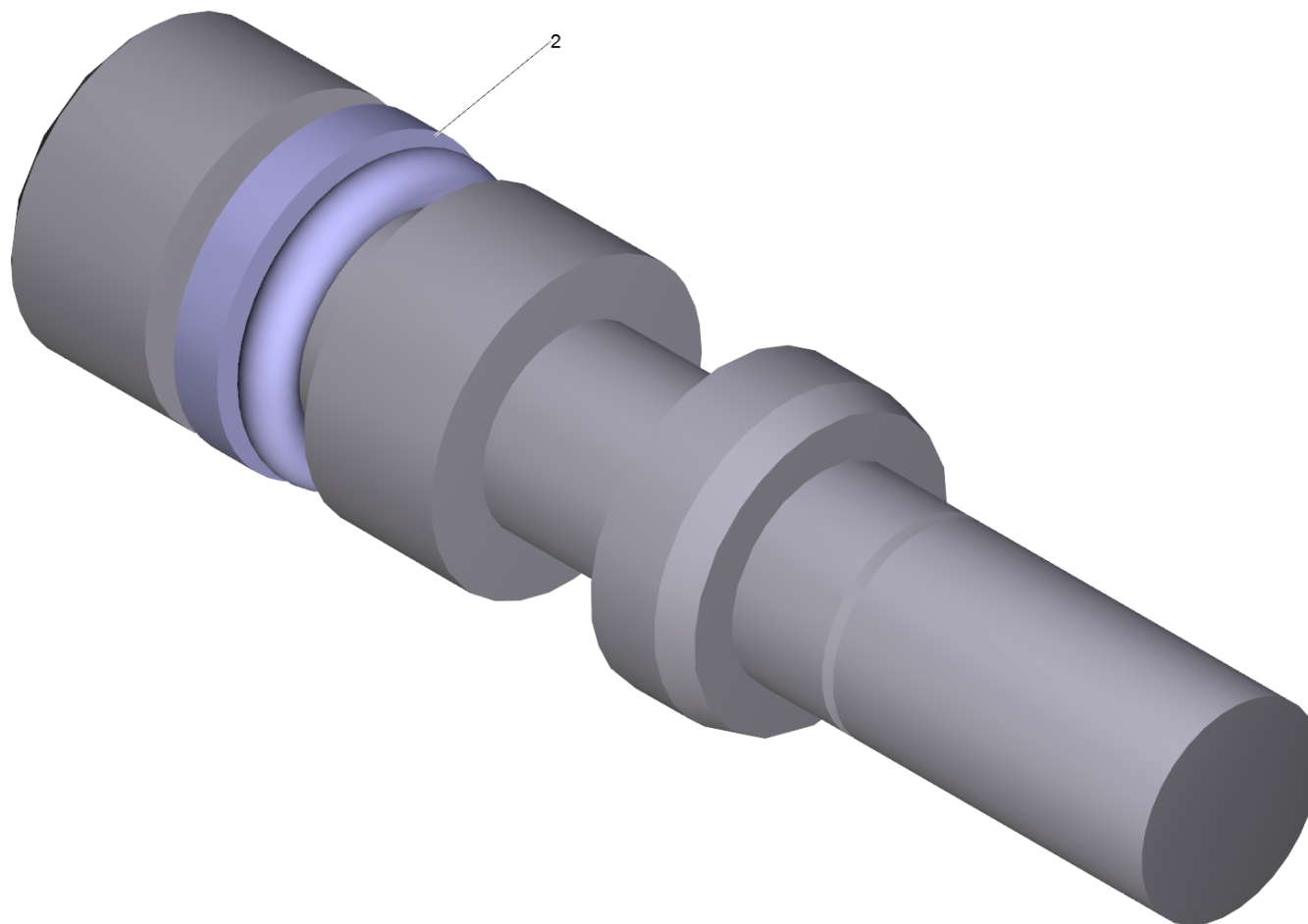
## 21 Cylinder head

| POS | Article no. | Description                             | Quantity | Unit |
|-----|-------------|-----------------------------------------|----------|------|
| 1   | 5.322-103.0 | Handle                                  | 1.000    | ST   |
| 2   | 7.311-002.0 | Hexagon nut M5 -6-A2E ISO 4032          | 1.000    | ST   |
| 3   | 7.307-017.0 | Threaded pin M5x40 -St-45H-A2E ISO 4026 | 1.000    | ST   |
| 4   | 5.304-070.0 | Hexagonal head screw                    | 1.000    | ST   |
| 5   | 7.401-931.0 | Sphere 5 KI3 -1.4401 DIN 5401           | 1.000    | ST   |
| 6   | 5.582-121.0 | Valve disc                              | 1.000    | ST   |
| 7   | 5.404-082.0 | Hollow screw                            | 1.000    | ST   |
| 8   | 6.391-629.0 | High pressure hose DN 13                | 1.000    | ST   |
| 9   | 5.332-466.0 | Helical spring                          | 1.000    | ST   |
| 10  | 5.584-114.0 | Valve pin                               | 1.000    | ST   |
| 11  | 5.311-204.0 | Hexagon nut M22x1,5                     | 1.000    | ST   |
| 12  | 4.553-198.0 | Piston complete only for replacement    | 1.000    | ST   |
| 18  | 5.583-146.3 | Valve screw                             | 3.000    | ST   |
| 21  | 6.363-003.0 | O-Ring seal 13,0 X 2,0-NBR 90           | 6.000    | ST   |
| 22  | 4.550-888.0 | Cylinder head complete                  | 1.000    | ST   |
| 23  | 6.363-536.0 | O-Ring seal 21x1,5                      | 4.000    | ST   |
| 24  | 5.427-416.3 | Manifold water intake                   | 1.000    | ST   |
| 25  | 7.306-043.0 | Cylinder head screw M8x30 -8.8-A2E ISO  | 4.000    | ST   |
| 26  | 6.362-381.0 | O-Ring seal 13x2 - NBR 70               | 1.000    | ST   |
| 27  | 6.362-703.0 | O-Ring seal 6,0x1,5-NBR 70              | 1.000    | ST   |
| 28  | 5.110-797.0 | Sleeve                                  | 1.000    | ST   |
| 29  | 6.362-427.0 | O-Ring seal 15,0x2,0                    | 1.000    | ST   |
| 31  | 6.362-853.0 | O-Ring seal 4,47x1,78                   | 1.000    | ST   |
| 32  | 5.402-705.3 | Joining piece                           | 1.000    | ST   |
| 33  | 6.363-037.0 | O-Ring seal complete 1ST.-R.            | 2.000    | ST   |
| 34  | 4.553-197.0 | Piston complete only for replacement    | 2.000    | ST   |
| 36  | 5.332-268.0 | Helical spring                          | 2.000    | ST   |
| 37  | 5.411-148.0 | Screw plug                              | 2.000    | ST   |
| 38  | 5.367-030.0 | Diaphragm                               | 2.000    | ST   |
| 41  | 4.744-225.3 | Switch complete                         | 1.000    | ST   |
| 42  | 4.744-224.0 | Switch complete                         | 1.000    | ST   |
| 43  | 5.411-504.0 | Screw plug                              | 1.000    | ST   |
| 44  | 6.362-176.0 | O-Ring seal 6,07x1,78                   | 1.000    | ST   |

## 21 Cylinder head

| POS | Article no. | Description                  | Quantity | Unit |
|-----|-------------|------------------------------|----------|------|
| 45  | 6.362-079.0 | O-Ring seal 18,0 X 2,5       | 1.000    | ST   |
| 46  | 5.581-239.0 | Valve seat                   | 1.000    | ST   |
| 47  | 6.362-386.0 | O-Ring seal 5,0 x 1,5-NBR 80 | 1.000    | ST   |
| 100 | 2.885-036.0 | Spare part set pump          | 1.000    | ST   |

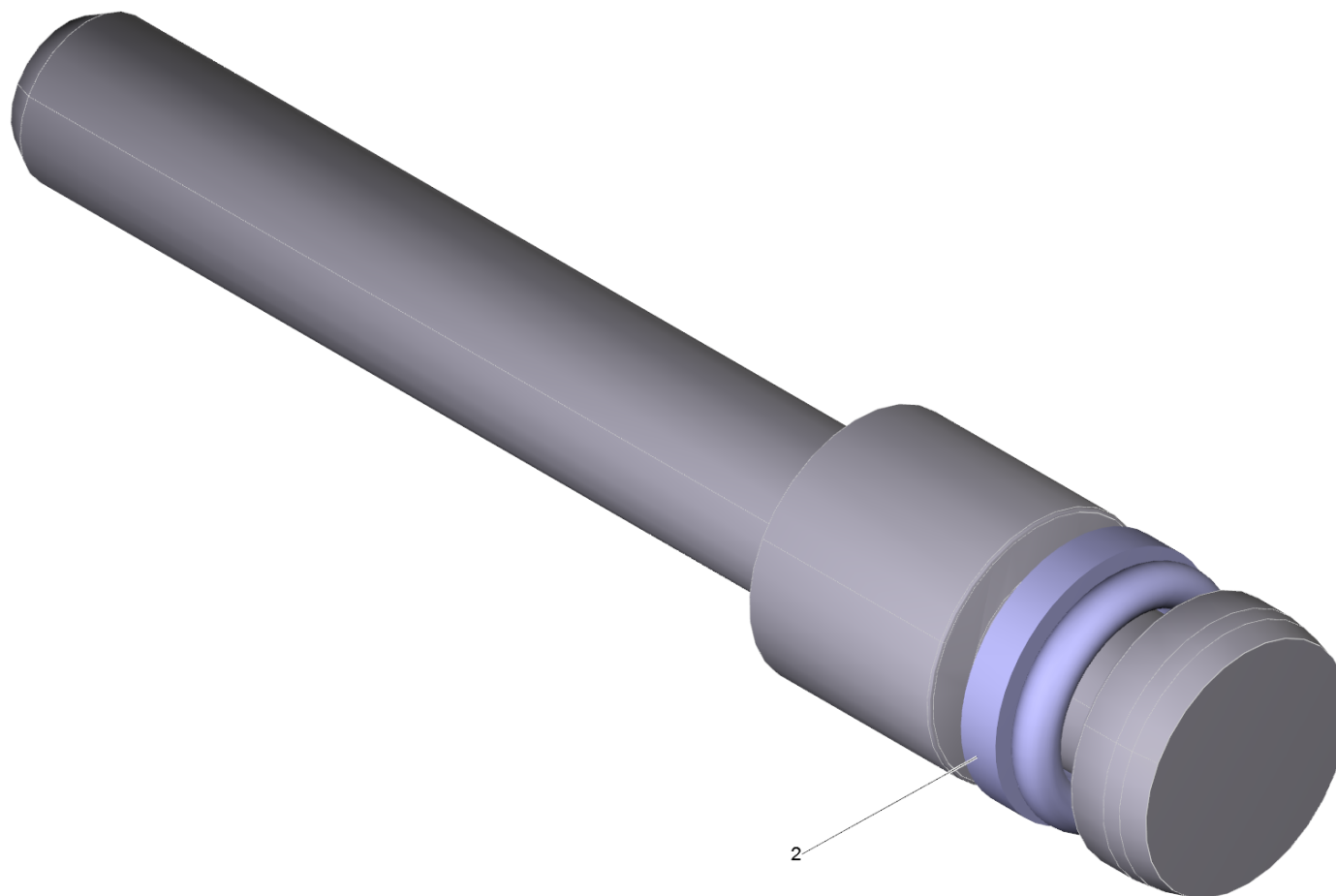




12 Piston complete only for replacement (4.553-198.0)

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| POS | Article no. | Description                  | Quantity | Unit |
|-----|-------------|------------------------------|----------|------|
| 2   | 6.362-468.0 | O-Ring seal complete 1ST.-R. | 1.000    | ST   |



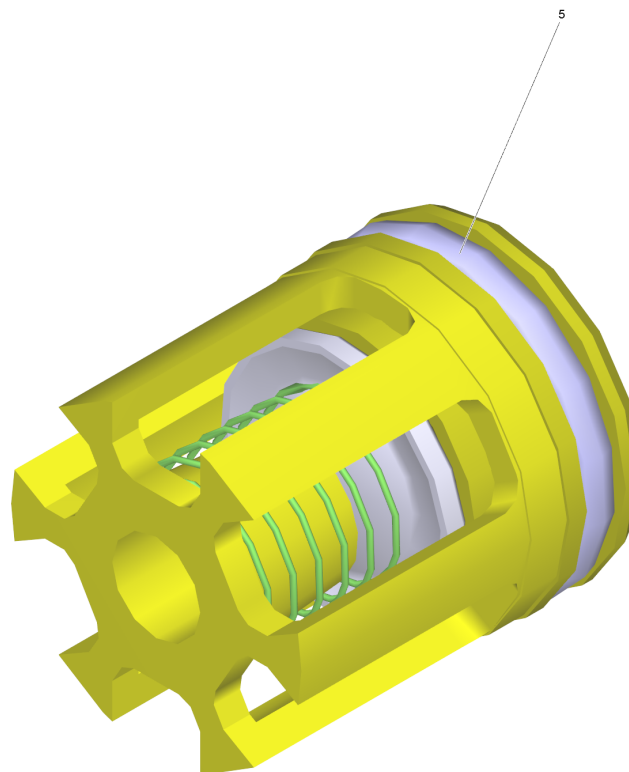
34 Piston complete only for replacement (4.553-197.0)

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| POS | Article no. | Description                  | Quantity | Unit |
|-----|-------------|------------------------------|----------|------|
| 2   | 6.363-037.0 | O-Ring seal complete 1ST.-R. | 1.000    | ST   |

## 100 Spare part set pump (2.885-036.0)

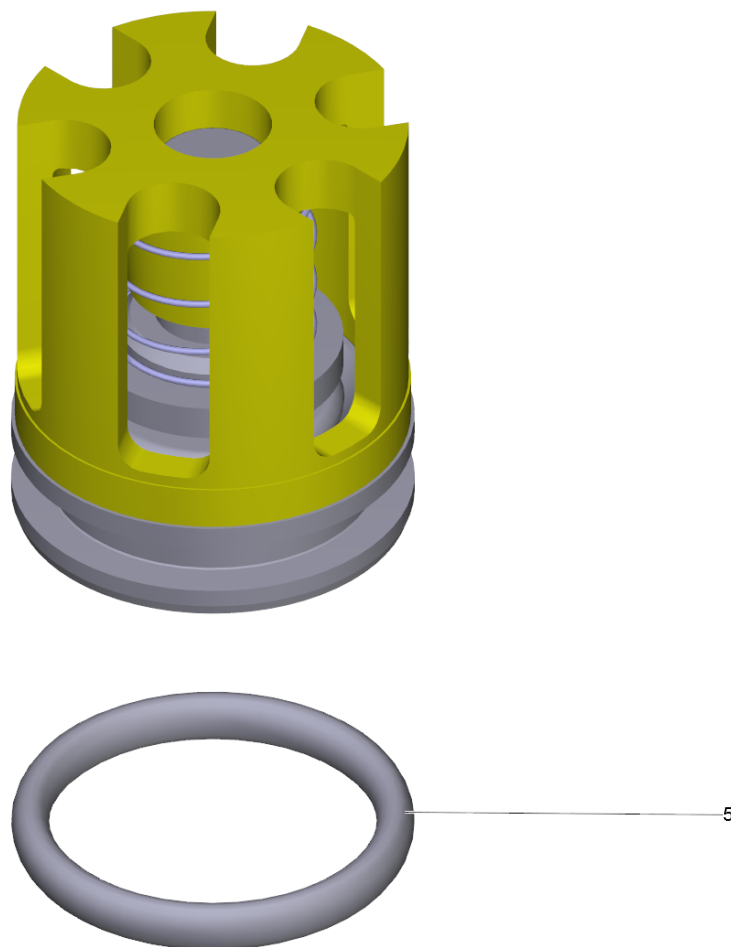
| POS | Article no. | Description                    | Quantity | Unit |
|-----|-------------|--------------------------------|----------|------|
| 1   | 2.884-512.0 | Valve (3 Stueck)               | 2.000    | ST   |
| 2   | 4.580-581.3 | Valve complete                 | 1.000    | ST   |
| 3   | 4.580-594.0 | Valve complete                 | 1.000    | ST   |
| 4   | 5.034-494.0 | Retaining bracket              | 2.000    | ST   |
| 5   | 5.115-431.0 | Washer                         | 3.000    | ST   |
| 6   | 5.115-432.0 | Washer                         | 3.000    | ST   |
| 7   | 5.115-796.0 | Washer                         | 2.000    | ST   |
| 8   | 6.362-406.0 | O-Ring seal 33,05X 1,78-NBR 70 | 3.000    | ST   |
| 9   | 6.362-468.0 | O-Ring seal complete 1ST.-R.   | 1.000    | ST   |
| 10  | 6.362-481.0 | O-Ring seal 14,0 x 2,0 NBR 80  | 3.000    | ST   |
| 11  | 6.362-547.0 | O-Ring seal 20,0x1,5-NBR 70    | 4.000    | ST   |
| 12  | 6.365-332.0 | Compact seal 18x28x5,8         | 3.000    | ST   |
| 13  | 6.365-333.0 | Grooved ring 18X26X5,4         | 3.000    | ST   |



1 Valve (3 Stueck) (2.884-512.0)

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| POS | Article no. | Description                   | Quantity | Unit |
|-----|-------------|-------------------------------|----------|------|
| 5   | 6.363-003.0 | O-Ring seal 13,0 X 2,0-NBR 90 | 1.000    | ST   |

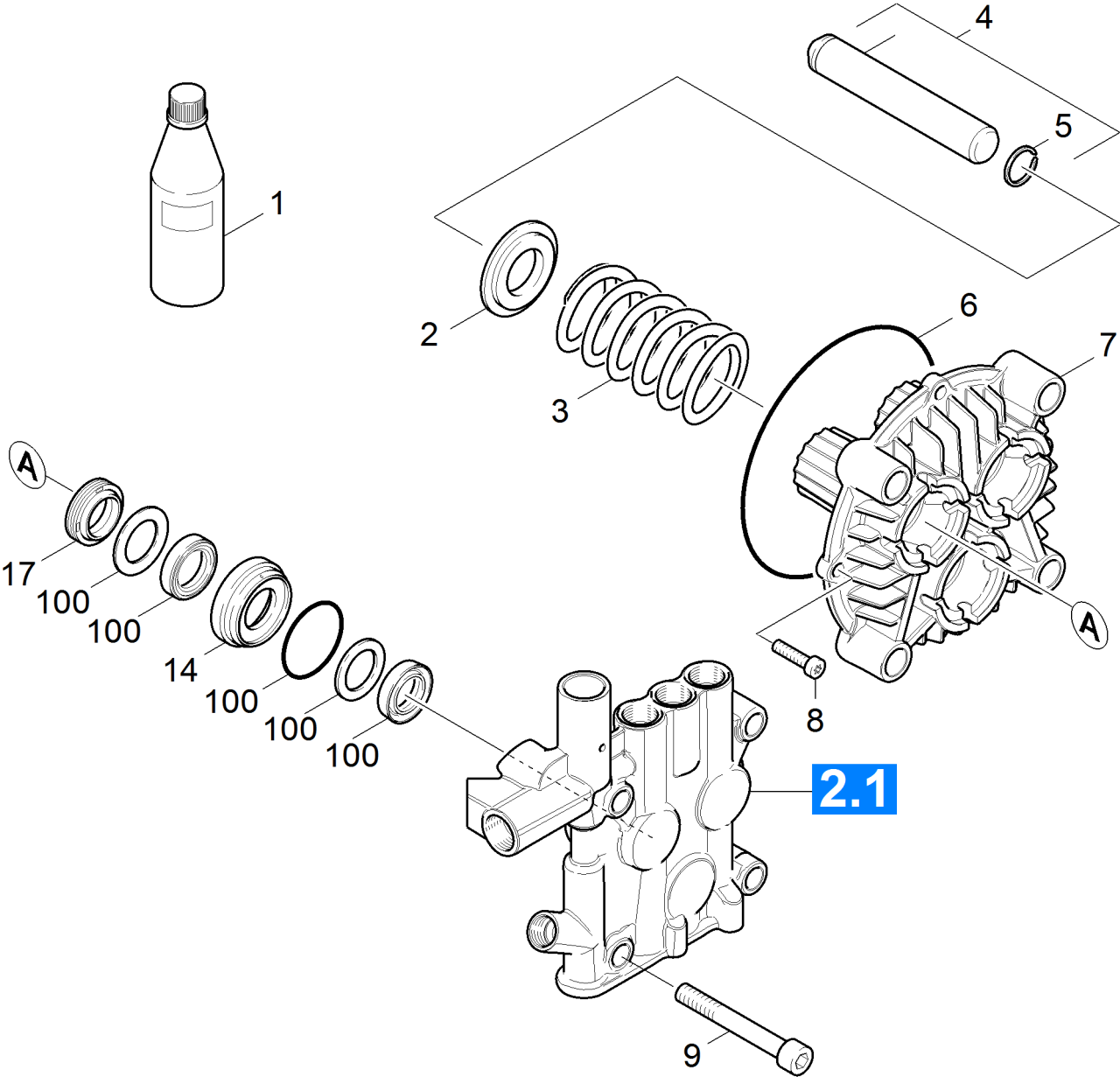


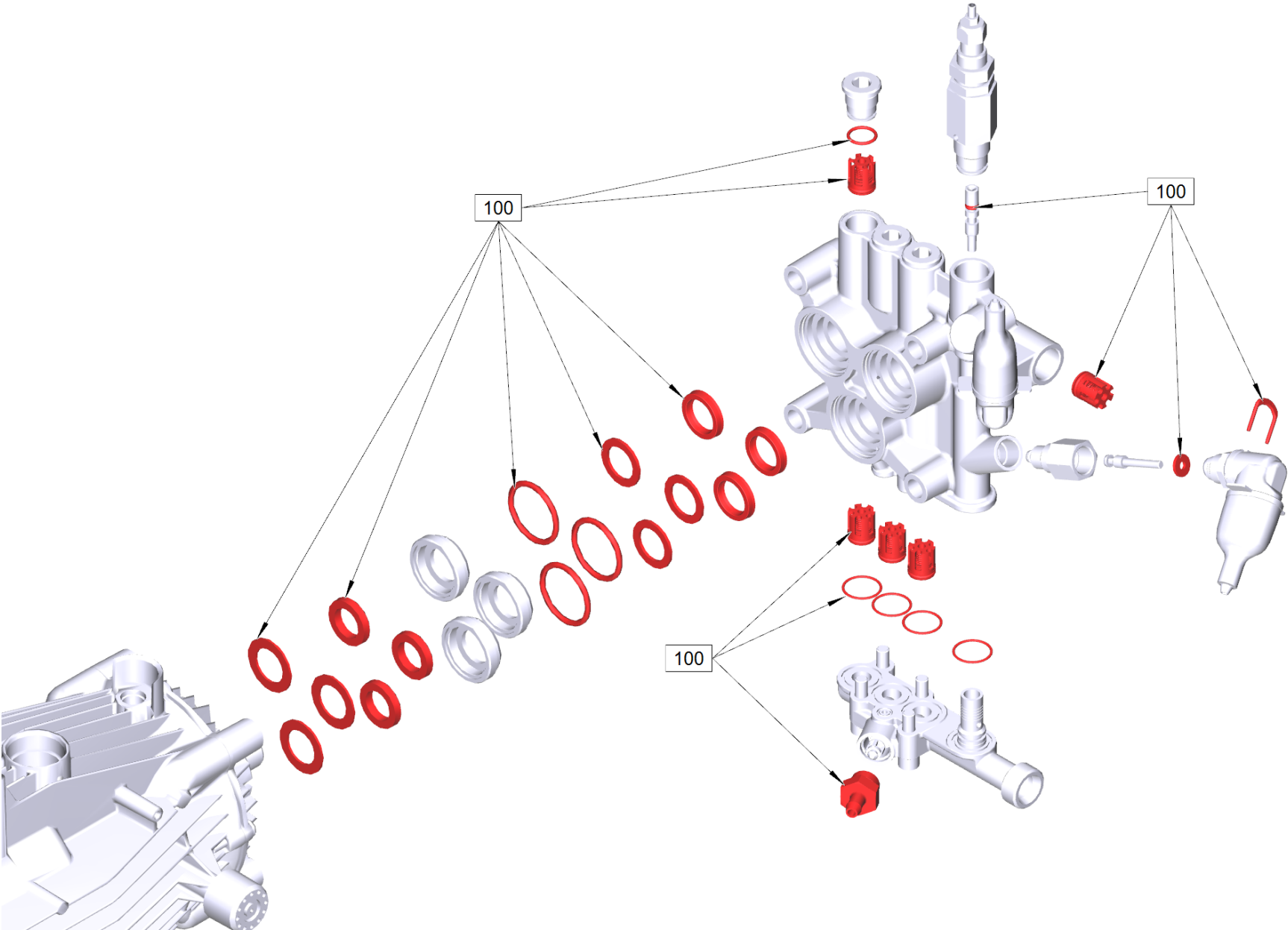


### 3 Valve complete (4.580-594.0)

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| POS | Article no. | Description               | Quantity | Unit |
|-----|-------------|---------------------------|----------|------|
| 5   | 6.362-381.0 | O-Ring seal 13x2 - NBR 70 | 1.000    | ST   |



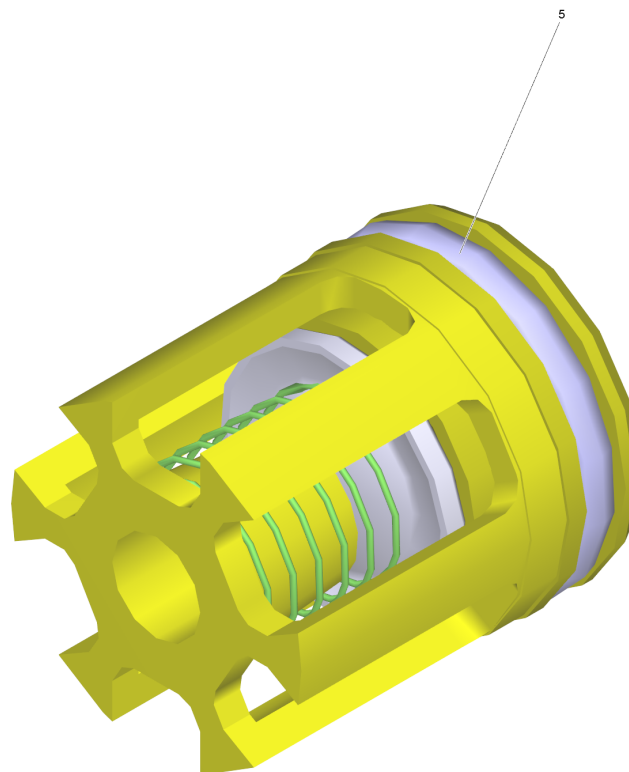


## 22 Piston

| POS | Article no. | Description                             | Quantity | Unit |
|-----|-------------|-----------------------------------------|----------|------|
| 1   | 6.288-219.0 | Engine oil 1 L                          | 1.000    | ST   |
| 2   | 5.116-325.0 | Washer                                  | 3.000    | ST   |
| 3   | 5.332-550.0 | Helical spring                          | 3.000    | ST   |
| 4   | 4.553-272.0 | Piston complete                         | 3.000    | ST   |
| 5   | 7.343-473.0 | Snap ring 18 -FST DIN 9925              | 3.000    | ST   |
| 6   | 6.362-613.0 | O-Ring seal 101,27X 2,62-NBR 70         | 1.000    | ST   |
| 7   | 5.061-208.3 | Thrust guidance D18                     | 1.000    | ST   |
| 8   | 7.306-105.0 | Screw M6x30 -8.8-R3R (In6Rd)            | 2.000    | ST   |
| 9   | 7.306-155.0 | Cylinder head screw M12x100 -8.8-A3E IS | 4.000    | ST   |
| 14  | 5.112-340.3 | Bush                                    | 3.000    | ST   |
| 17  | 6.365-334.0 | Grooved ring 18X26X6/8                  | 3.000    | ST   |
| 100 | 2.885-036.0 | Spare part set pump                     | 1.000    | ST   |

## 100 Spare part set pump (2.885-036.0)

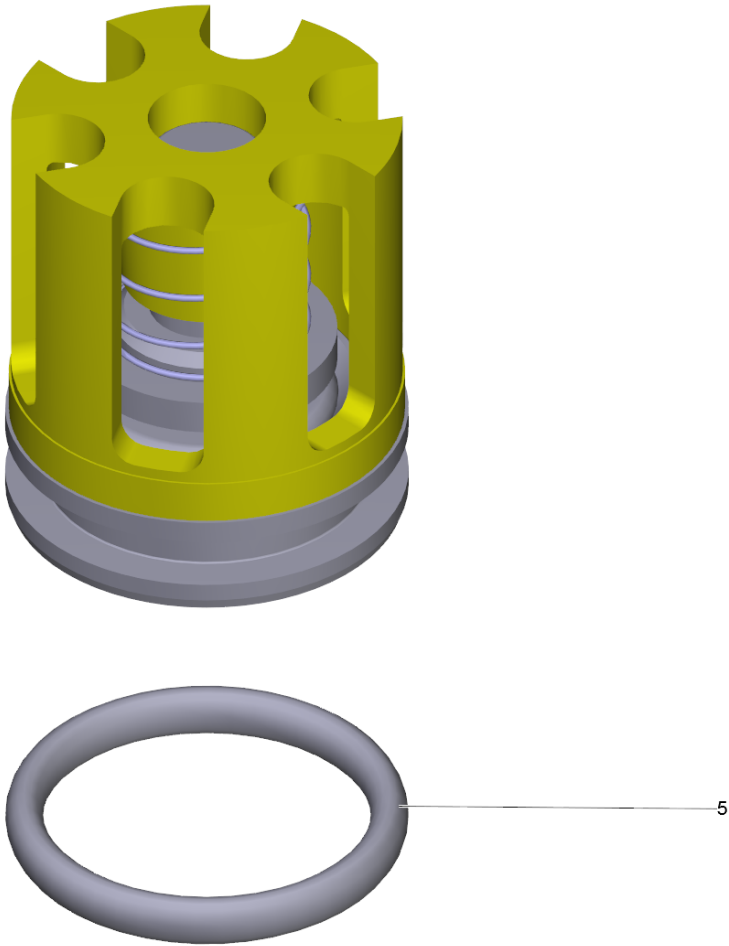
| POS | Article no. | Description                    | Quantity | Unit |
|-----|-------------|--------------------------------|----------|------|
| 1   | 2.884-512.0 | Valve (3 Stueck)               | 2.000    | ST   |
| 2   | 4.580-581.3 | Valve complete                 | 1.000    | ST   |
| 3   | 4.580-594.0 | Valve complete                 | 1.000    | ST   |
| 4   | 5.034-494.0 | Retaining bracket              | 2.000    | ST   |
| 5   | 5.115-431.0 | Washer                         | 3.000    | ST   |
| 6   | 5.115-432.0 | Washer                         | 3.000    | ST   |
| 7   | 5.115-796.0 | Washer                         | 2.000    | ST   |
| 8   | 6.362-406.0 | O-Ring seal 33,05X 1,78-NBR 70 | 3.000    | ST   |
| 9   | 6.362-468.0 | O-Ring seal complete 1ST.-R.   | 1.000    | ST   |
| 10  | 6.362-481.0 | O-Ring seal 14,0 x 2,0 NBR 80  | 3.000    | ST   |
| 11  | 6.362-547.0 | O-Ring seal 20,0x1,5-NBR 70    | 4.000    | ST   |
| 12  | 6.365-332.0 | Compact seal 18x28x5,8         | 3.000    | ST   |
| 13  | 6.365-333.0 | Grooved ring 18X26X5,4         | 3.000    | ST   |



1 Valve (3 Stueck) (2.884-512.0)

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| POS | Article no. | Description                   | Quantity | Unit |
|-----|-------------|-------------------------------|----------|------|
| 5   | 6.363-003.0 | O-Ring seal 13,0 X 2,0-NBR 90 | 1.000    | ST   |

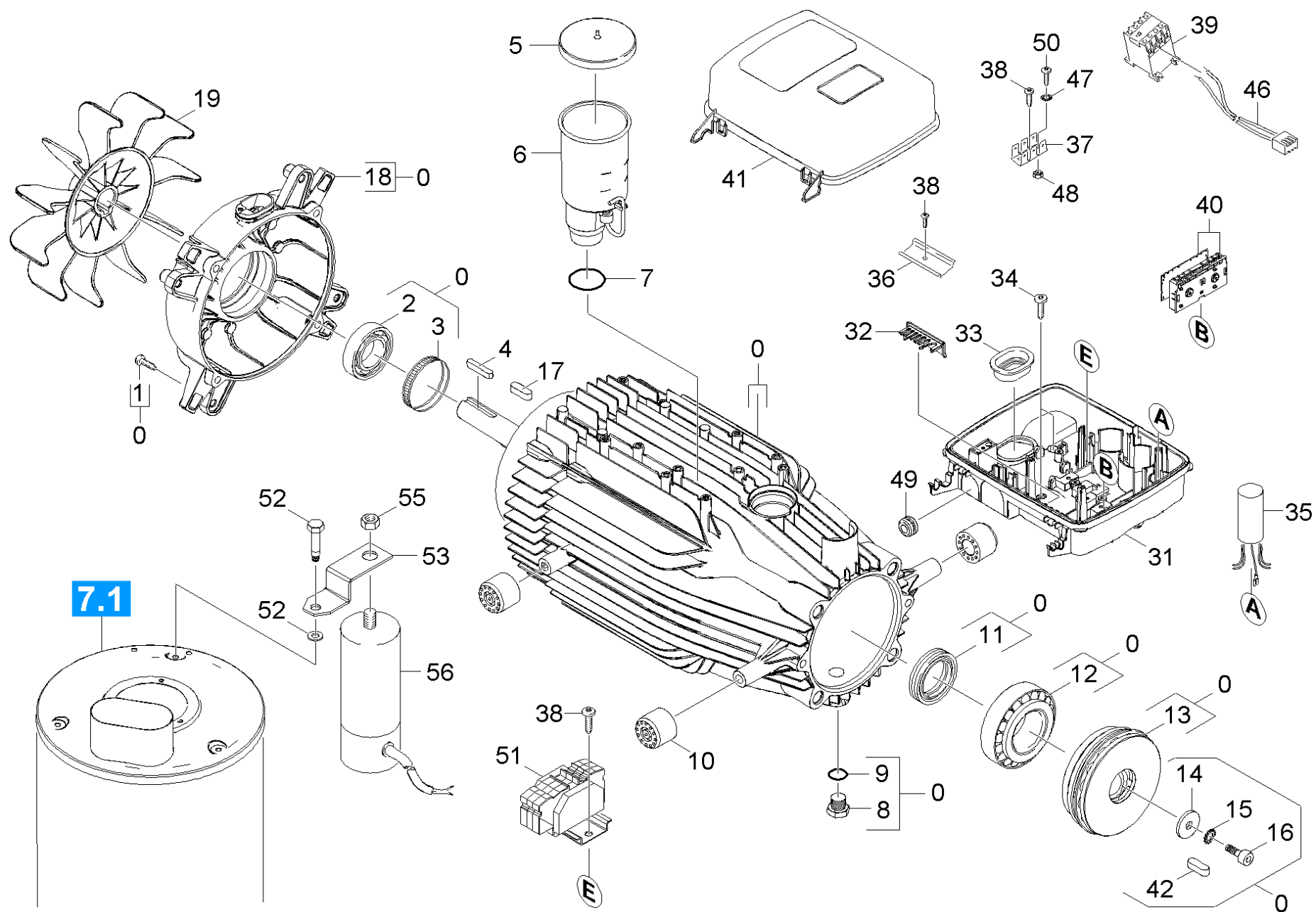




### 3 Valve complete (4.580-594.0)

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| POS | Article no. | Description               | Quantity | Unit |
|-----|-------------|---------------------------|----------|------|
| 5   | 6.362-381.0 | O-Ring seal 13x2 - NBR 70 | 1.000    | ST   |

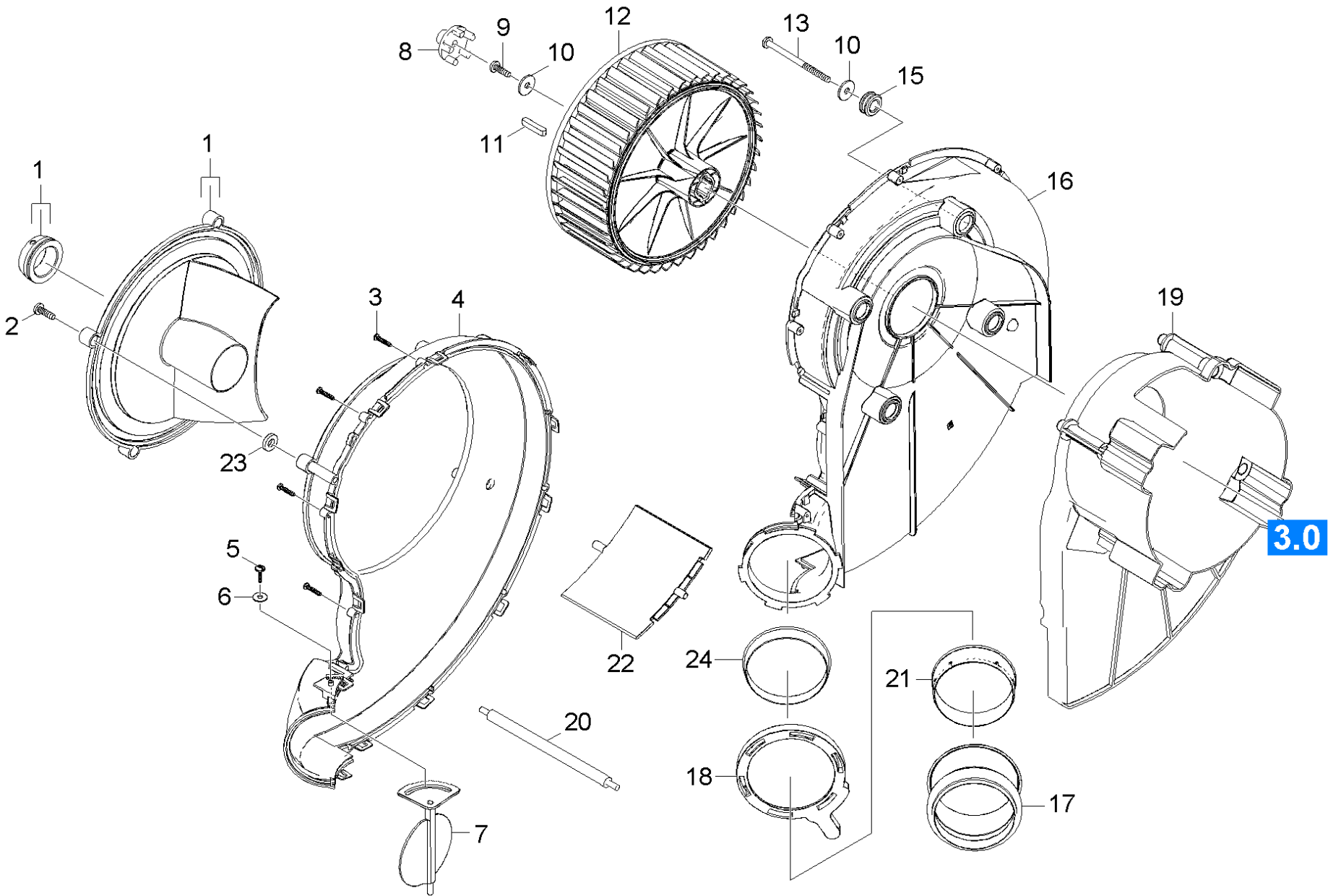


## 30 Motor

| POS | Article no. | Description                              | Quantity | Unit |
|-----|-------------|------------------------------------------|----------|------|
| 0   | 4.623-961.0 | Motor complete nur fuer Ersatz           | 1.000    | ST   |
| 1   | 6.303-515.0 | Self-tapping screw M6x25                 | 4.000    | ST   |
| 2   | 6.401-253.0 | Ball bearing 6305-2Z                     | 1.000    | ST   |
| 3   | 6.343-010.0 | Tolerance ring 62x10                     | 1.000    | ST   |
| 4   | 7.318-111.0 | Parallel key A 6x6x36 -C45K DIN 6885-1   | 2.000    | ST   |
| 5   | 5.064-467.0 | Cover oil qusty grey                     | 1.000    | ST   |
| 6   | 4.070-904.0 | Tank only for replacement                | 1.000    | ST   |
| 7   | 6.362-722.0 | O-Ring seal 28,0 X 3,0                   | 1.000    | ST   |
| 8   | 5.411-100.0 | Screw plug                               | 1.000    | ST   |
| 9   | 6.362-028.0 | O-Ring seal 11x2,2 NBR 70                | 1.000    | ST   |
| 10  | 5.767-005.0 | Rubber buffer                            | 4.000    | ST   |
| 11  | 7.367-009.0 | Radial shaft seal ring A35x52x7-NBR DIN  | 1.000    | ST   |
| 12  | 6.401-405.0 | Taper roller bearing                     | 1.000    | ST   |
| 13  | 4.120-233.0 | Wobble plate complete only for replaceme | 1.000    | ST   |
| 14  | 5.115-565.0 | Washer                                   | 1.000    | ST   |
| 15  | 7.312-159.0 | Toothed lock washer A8,4-FST-PH DIN 679  | 1.000    | ST   |
| 16  | 7.306-041.0 | Cylinder head screw M8x20 -8.8-A2E ISO   | 1.000    | ST   |
| 17  | 7.318-030.0 | Parallel key 6x6x25 -C45K DIN 6885-1     | 2.000    | ST   |
| 18  | 5.061-186.0 | Bearing cover B                          | 1.000    | ST   |
| 19  | 5.600-087.0 | Blower wheel                             | 1.000    | ST   |
| 30  | 7.303-086.0 | Screw 5x30 -10.9-R2R (K-In6Rd)           | 2.000    | ST   |
| 31  | 5.033-447.0 | Housing electric box                     | 1.000    | ST   |
| 32  | 5.263-092.0 | Tensioning part                          | 1.000    | ST   |
| 33  | 5.365-285.0 | Profile gasket                           | 1.000    | ST   |
| 34  | 6.303-153.0 | Screw M5x15-ST-R2R (IN6RD)               | 3.000    | ST   |
| 35  | 4.828-010.0 | Interference suppressor complete         | 1.000    | ST   |
| 36  | 5.802-261.0 | Mounting part                            | 1.000    | ST   |
| 37  | 6.641-270.0 | Plug                                     | 1.000    | ST   |
| 38  | 7.303-106.0 | Screw 4x12 -10.9-R2R (IN6RD)             | 2.000    | ST   |
| 39  | 6.632-334.0 | Power contactor LC1 D32 B7               | 1.000    | ST   |
| 40  | 2.885-054.0 | Frame circuit board complete             | 1.000    | ST   |
| 41  | 5.064-226.0 | Cover electric box                       | 1.000    | ST   |
| 46  | 6.649-384.0 | Cable 2x0,35 350mm                       | 1.000    | ST   |

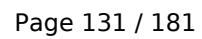
## 30 Motor

| POS | Article no. | Description                             | Quantity | Unit |
|-----|-------------|-----------------------------------------|----------|------|
| 47  | 7.312-163.0 | Toothed lock washer A4,3-FST-PH DIN 679 | 1.000    | ST   |
| 48  | 7.311-001.0 | Hexagon nut M4 -6-A2E ISO 4032          | 1.000    | ST   |
| 49  | 6.641-422.0 | Wire protecting sleeve                  | 2.000    | ST   |
| 50  | 7.306-057.0 | Screw M4x10 -8.8-ZNBHL (In6Rd)          | 1.000    | ST   |
| 51  | 4.802-039.0 | Mounting part complete                  | 1.000    | ST   |
| 52  | 2.885-125.0 | Spare part set                          | 1.000    | ST   |
| 53  | 5.044-929.0 | Holder capacitor                        | 2.000    | ST   |
| 55  | 7.311-008.0 | Hexagon nut M12-8-A3E ISO 4032          | 2.000    | ST   |
| 56  | 6.661-155.0 | Capacitor 140 µF                        | 2.000    | ST   |



## 40 Blower

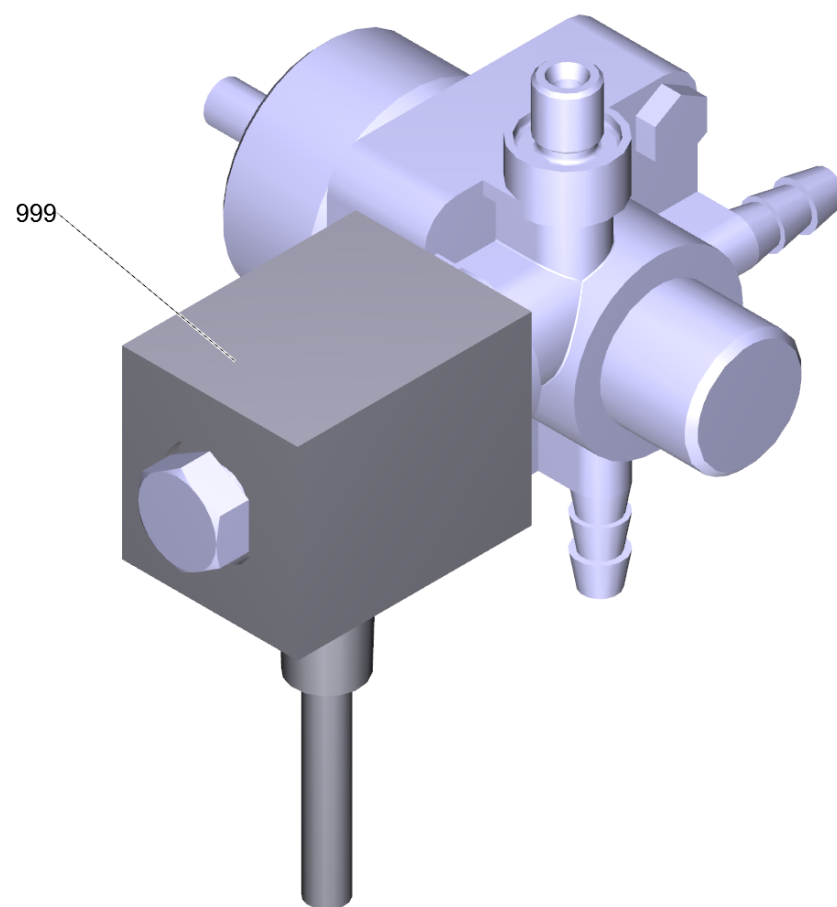
| POS | Article no. | Description                       | Quantity | Unit |
|-----|-------------|-----------------------------------|----------|------|
| 1   | 5.064-277.0 | Cover internal part               | 1.000    | ST   |
| 2   | 7.303-129.0 | Screw 4x16 -10.9-R2R (K-In6Rd)    | 4.000    | ST   |
| 3   | 7.303-084.0 | Screw 4x25 -10.9-R2R (K-In6Rd)    | 14.000   | ST   |
| 4   | 5.064-238.0 | Cover blower                      | 1.000    | ST   |
| 5   | 7.303-107.0 | Screw 5x16 -10.9-P2R (K-In6Rd)    | 1.000    | ST   |
| 6   | 7.312-278.0 | Washer 5-200HV-A2E ISO7093-1      | 1.000    | ST   |
| 7   | 5.606-009.0 | Air flap                          | 1.000    | ST   |
| 8   | 5.471-097.0 | Coupler fuel pump                 | 1.000    | ST   |
| 9   | 6.304-145.0 | Screw M 6X20-R3R (IN6RD)          | 1.000    | ST   |
| 10  | 7.312-260.0 | Washer 6 -100HV-A3E ISO 7094      | 5.000    | ST   |
| 11  | 7.318-032.0 | Parallel key 6x6x32-C45K DIN 6885 | 2.000    | ST   |
| 12  | 5.600-084.0 | Blower wheel                      | 1.000    | ST   |
| 13  | 6.303-517.0 | Self-tapping screw M6x100         | 4.000    | ST   |
| 15  | 5.379-019.0 | Rubber ring                       | 4.000    | ST   |
| 16  | 5.605-304.0 | Housing blower                    | 1.000    | ST   |
| 17  | 5.195-252.0 | Seal air circulation              | 1.000    | ST   |
| 18  | 5.075-036.0 | Closure                           | 1.000    | ST   |
| 19  | 5.692-088.0 | Air circulation                   | 1.000    | ST   |
| 20  | 5.043-055.0 | Holder                            | 1.000    | ST   |
| 21  | 5.263-094.0 | Tensioning part air circulation   | 1.000    | ST   |
| 22  | 5.912-003.0 | Regulating flap blower            | 1.000    | ST   |
| 23  | 5.116-397.0 | Washer                            | 4.000    | ST   |
| 24  | 5.263-096.0 | Tensioning part air circulation   | 1.000    | ST   |



## 50 Fuel pump and filter

| POS | Article no. | Description                    | Quantity | Unit | Foot note text          |
|-----|-------------|--------------------------------|----------|------|-------------------------|
| 1   | 6.389-262.0 | Union nut A 4-LL               | 1.000    | ST   |                         |
| 2   | 6.389-263.0 | Cutting ring d.4               | 1.000    | ST   |                         |
| 3   | 4.473-032.0 | Fuel pump only for replacement | 1.000    | ST   |                         |
| 4   | 6.391-820.0 | Hose                           | 1.000    | M    | ALS METERWARE BESTELLEN |
| 5   | 6.388-559.0 | Hose clip                      | 2.000    | ST   |                         |
| 6   | 4.730-167.3 | Filter complete                | 1.000    | ST   |                         |
| 7   | 6.414-559.0 | Filter fuel                    | 1.000    | ST   |                         |
| 8   | 5.363-629.0 | Seal                           | 1.000    | ST   |                         |
| 9   | 5.365-290.0 | Rubber bushing fuel            | 1.000    | ST   |                         |
| 10  | 6.473-554.0 | Coil Brennstoffpumpe           | 1.000    | ST   |                         |





### 3 Fuel pump only for replacement (4.473-032.0)

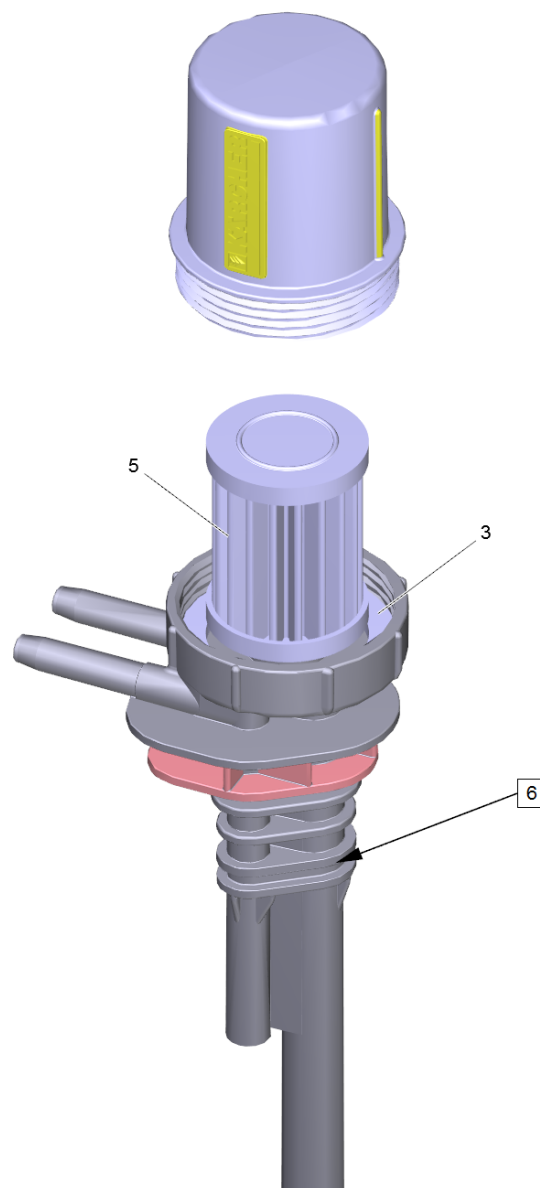
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| POS | Article no. | Description          | Quantity | Unit |
|-----|-------------|----------------------|----------|------|
| 999 | 6.473-554.0 | Coil Brennstoffpumpe | 1.000    | ST   |

## 6 Filter complete (4.730-167.3)

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| POS | Article no. | Description     | Quantity | Unit |
|-----|-------------|-----------------|----------|------|
| 1   | 4.730-167.0 | Filter complete | 1.000    | ST   |



## 1 Filter complete (4.730-167.0)

| POS | Article no. | Description            | Quantity | Unit |
|-----|-------------|------------------------|----------|------|
| 3   | 5.363-629.0 | Seal                   | 1.000    | ST   |
| 5   | 6.414-559.0 | Filter fuel            | 1.000    | ST   |
| 6   | 6.362-079.0 | O-Ring seal 18,0 X 2,5 | 1.000    | ST   |



## 60 Electric control box

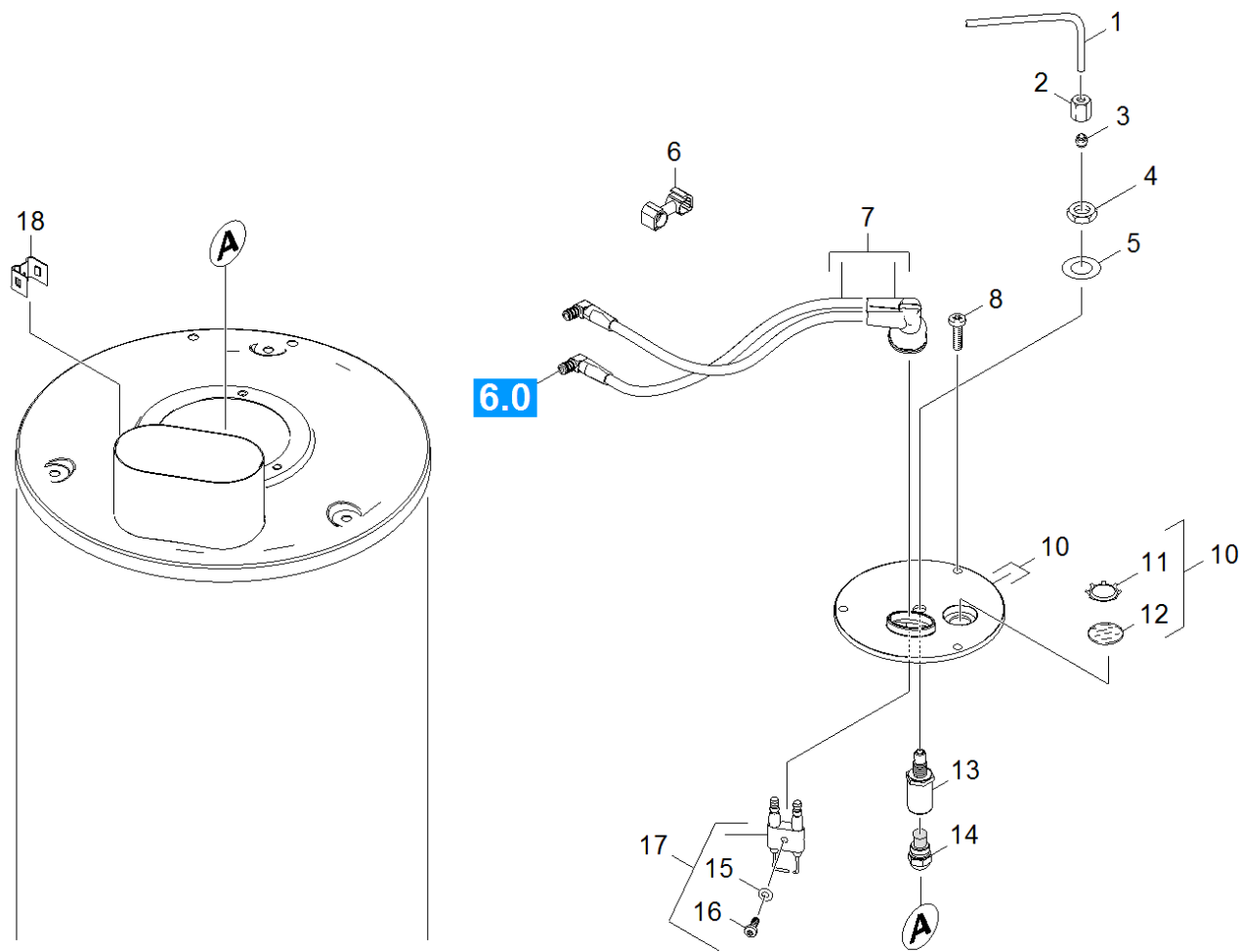
| POS | Article no. | Description                              | Quantity | Unit |
|-----|-------------|------------------------------------------|----------|------|
| 1   | 4.686-029.0 | Thermostat only for replacement          | 1.000    | ST   |
| 2   | 5.820-088.0 | Cable                                    | 1.000    | ST   |
| 4   | 6.622-307.0 | Control transformer 100V                 | 1.000    | ST   |
| 5   | 6.682-881.0 | Circuit board current transformer        | 1.000    | ST   |
| 6   | 5.033-111.0 | Profile                                  | 1.000    | ST   |
| 7   | 5.324-172.0 | Handle qusty grey RAL 7037               | 1.000    | ST   |
| 8   | 6.630-423.0 | Switch service                           | 1.000    | ST   |
| 9   | 5.801-153.0 | Mounting plate                           | 1.000    | ST   |
| 11  | 6.649-612.0 | Cable complete 3x4mm <sup>2</sup>        | 1.000    | ST   |
| 12  | 5.802-307.0 | Holder cable                             | 1.000    | ST   |
| 13  | 5.263-092.0 | Tensioning part                          | 1.000    | ST   |
| 14  | 7.303-106.0 | Screw 4x12 -10.9-R2R (IN6RD)             | 3.000    | ST   |
| 15  | 6.641-270.0 | Plug                                     | 1.000    | ST   |
| 16  | 6.622-304.0 | Ignition transformer -110V, 50Hz         | 1.000    | ST   |
| 17  | 2.885-110.0 | Control cable complete only for replacem | 1.000    | ST   |
| 18  | 6.649-616.0 | Cable 3x4mm <sup>2</sup>                 | 1.000    | ST   |
| 19  | 6.649-383.0 | Cable 2x0,35 700mm                       | 1.000    | ST   |
| 20  | 7.312-163.0 | Toothed lock washer A4,3-FST-PH DIN 679  | 2.000    | ST   |
| 21  | 7.311-001.0 | Hexagon nut M4 -6-A2E ISO 4032           | 2.000    | ST   |
| 22  | 5.424-140.0 | Fixing                                   | 1.000    | ST   |
| 23  | 4.802-038.0 | Mounting part complete                   | 1.000    | ST   |
| 24  | 7.306-057.0 | Screw M4x10 -8.8-ZNBHL (In6Rd)           | 2.000    | ST   |

## 70 Flow heater

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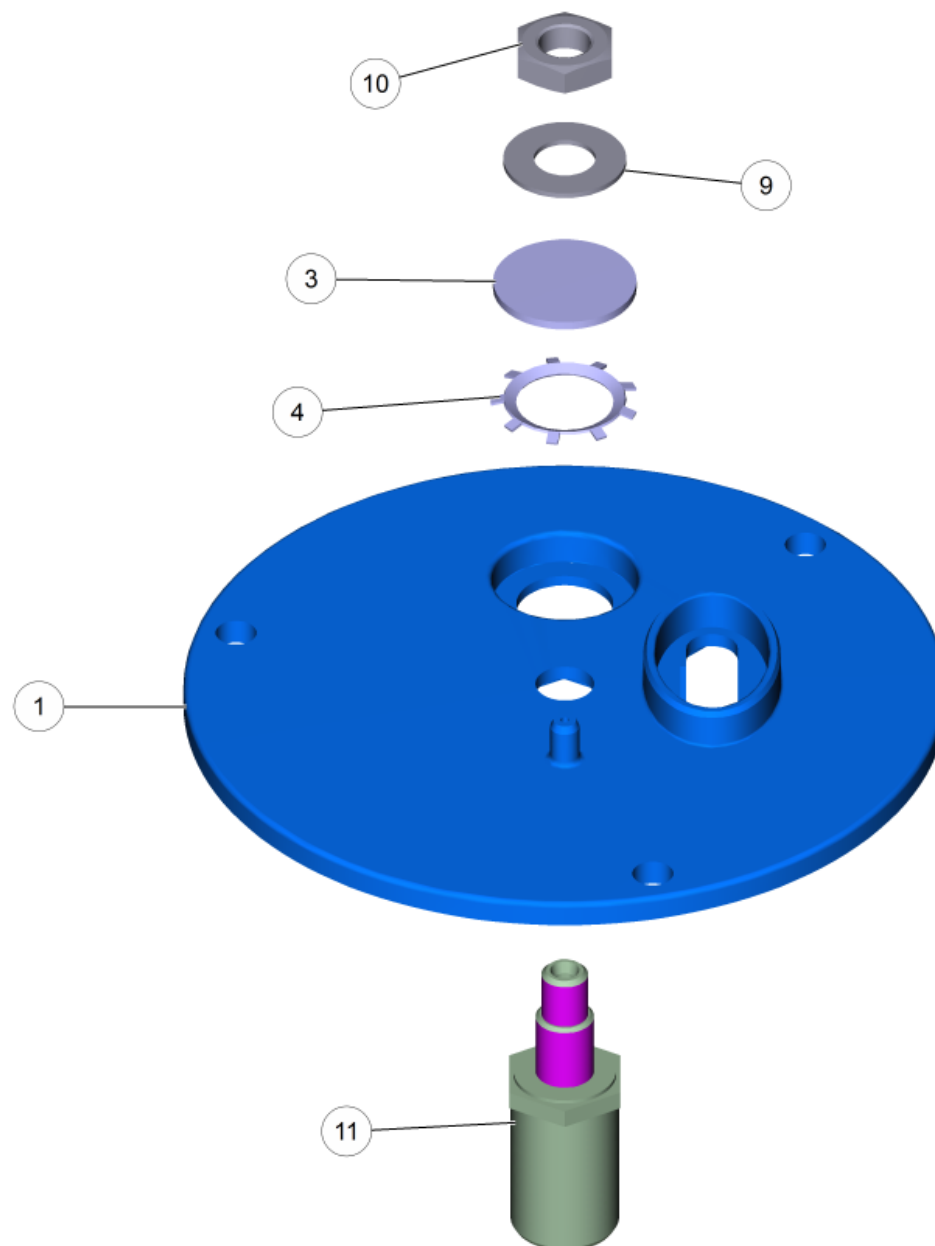
| POS | Description   | Quantity | Unit |
|-----|---------------|----------|------|
| 72  | Burner cover  | 1.000    | ST   |
| 74  | Heating coil  | 1.000    | ST   |
| 75  | Burner bottom | 1.000    | ST   |





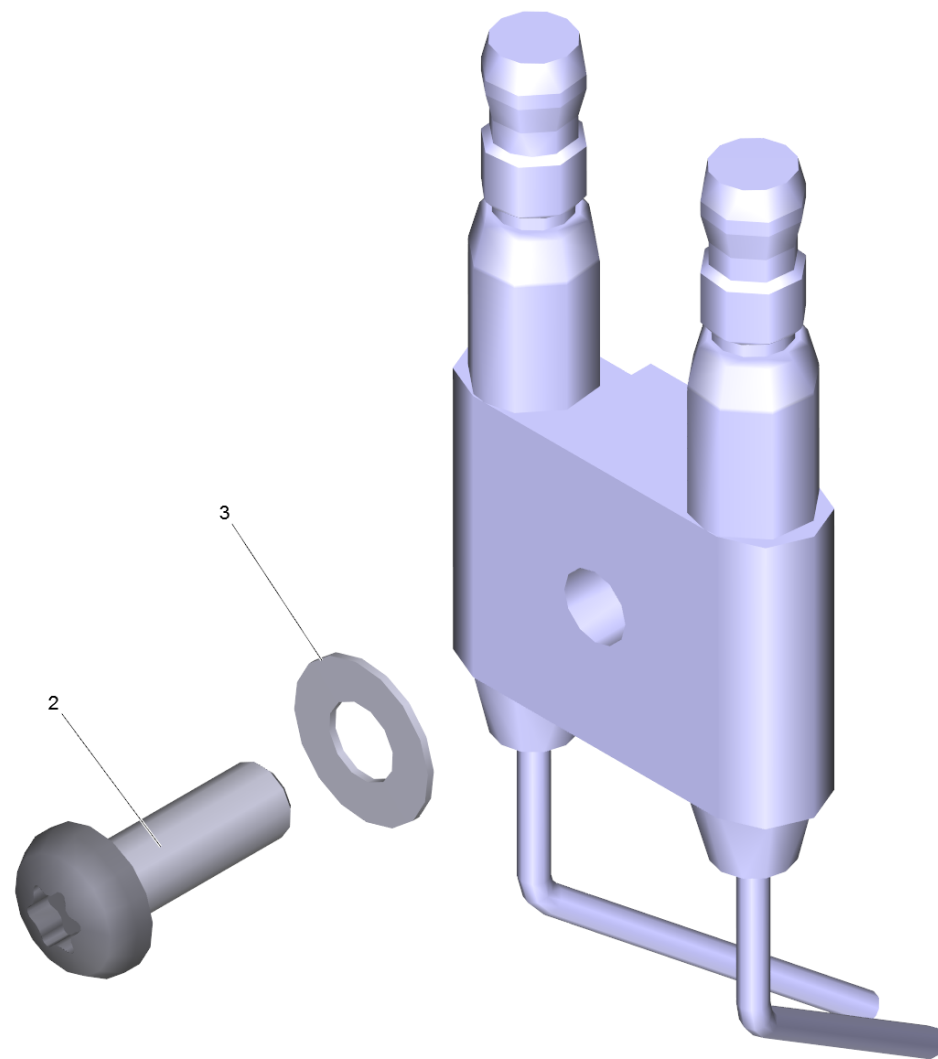
## 72 Burner cover

| POS | Article no. | Description                        | Quantity | Unit |
|-----|-------------|------------------------------------|----------|------|
| 1   | 5.423-008.0 | Conduit fuel                       | 1.000    | ST   |
| 2   | 6.389-262.0 | Union nut A 4-LL                   | 1.000    | ST   |
| 3   | 6.389-263.0 | Cutting ring d.4                   | 1.000    | ST   |
| 4   | 7.311-101.0 | Hexagon nut M10x1 -04-A2E ISO 8675 | 1.000    | ST   |
| 5   | 7.312-302.0 | Spring washer B10-FST-A2E DIN 137  | 1.000    | ST   |
| 6   | 6.647-527.0 | Holder                             | 1.000    | ST   |
| 7   | 4.821-100.0 | Ignition cable complete            | 1.000    | ST   |
| 8   | 7.303-038.0 | Screw M5x12 -St-P2R (In6Rd)        | 3.000    | ST   |
| 10  | 4.654-218.0 | Cover pressure boiler              | 1.000    | ST   |
| 11  | 6.343-165.0 | Serrated ring                      | 1.000    | ST   |
| 12  | 6.278-018.0 | Glass pane                         | 1.000    | ST   |
| 13  | 5.667-055.0 | Nozzle holder                      | 1.000    | ST   |
| 14  | 6.415-775.0 | Burner nozzle                      | 1.000    | ST   |
| 15  | 7.312-304.0 | Spring washer B 5-FST-A2E DIN 137  | 1.000    | ST   |
| 16  | 7.306-217.0 | Screw M5x14 -8.8-R2R (In6Rd)       | 1.000    | ST   |
| 17  | 2.638-974.0 | Conversion kit ignition electrode  | 1.000    | ST   |
| 18  | 5.034-834.0 | Holder probe                       | 1.000    | ST   |



## 10 Cover pressure boiler (4.654-218.0)

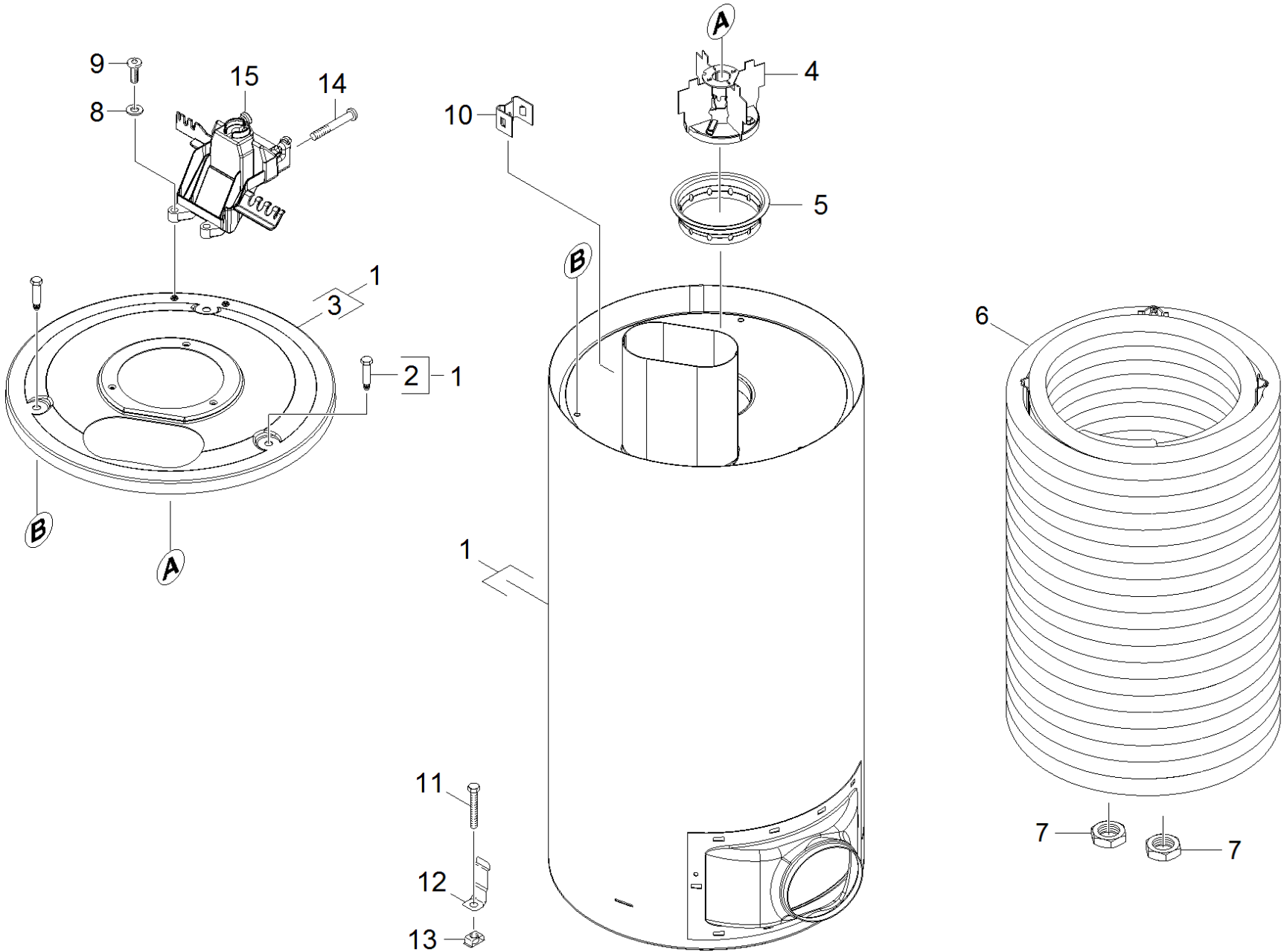
| POS | Article no. | Description                        | Quantity | Unit |
|-----|-------------|------------------------------------|----------|------|
| 1   | 5.662-022.0 | Burner cover                       | 1.000    | ST   |
| 3   | 6.278-018.0 | Glass pane                         | 1.000    | ST   |
| 4   | 6.343-165.0 | Serrated ring                      | 1.000    | ST   |
| 9   | 7.312-302.0 | Spring washer B10-FST-A2E DIN 137  | 1.000    | ST   |
| 10  | 7.311-101.0 | Hexagon nut M10x1 -04-A2E ISO 8675 | 1.000    | ST   |
| 11  | 5.667-055.0 | Nozzle holder                      | 1.000    | ST   |



## 17 Conversion kit ignition electrode (2.638-974.0)

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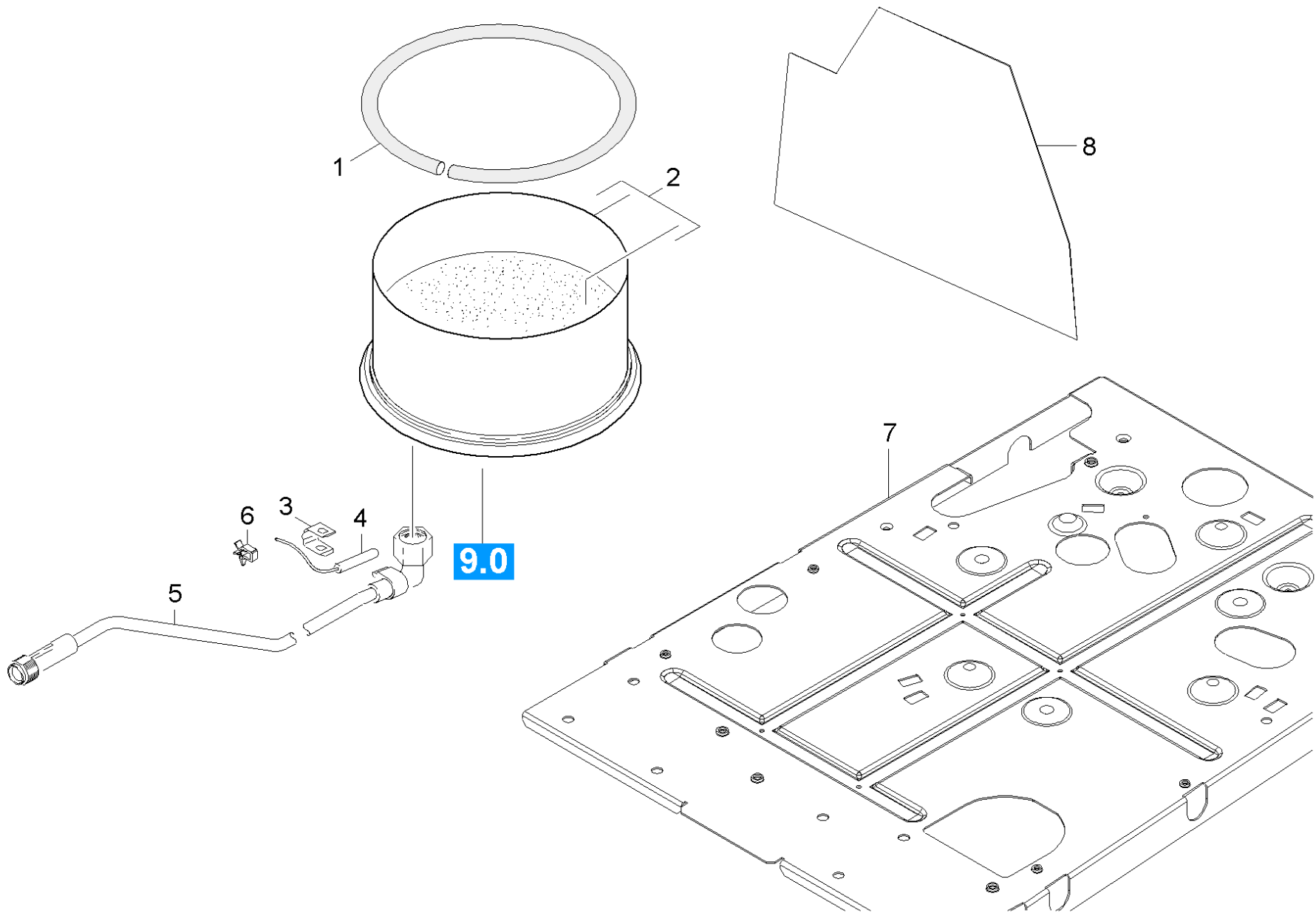
| POS | Article no. | Description                       | Quantity | Unit |
|-----|-------------|-----------------------------------|----------|------|
| 2   | 7.306-217.0 | Screw M5x14 -8.8-R2R (In6Rd)      | 1.000    | ST   |
| 3   | 7.312-304.0 | Spring washer B 5-FST-A2E DIN 137 | 1.000    | ST   |



## 74 Heating coil

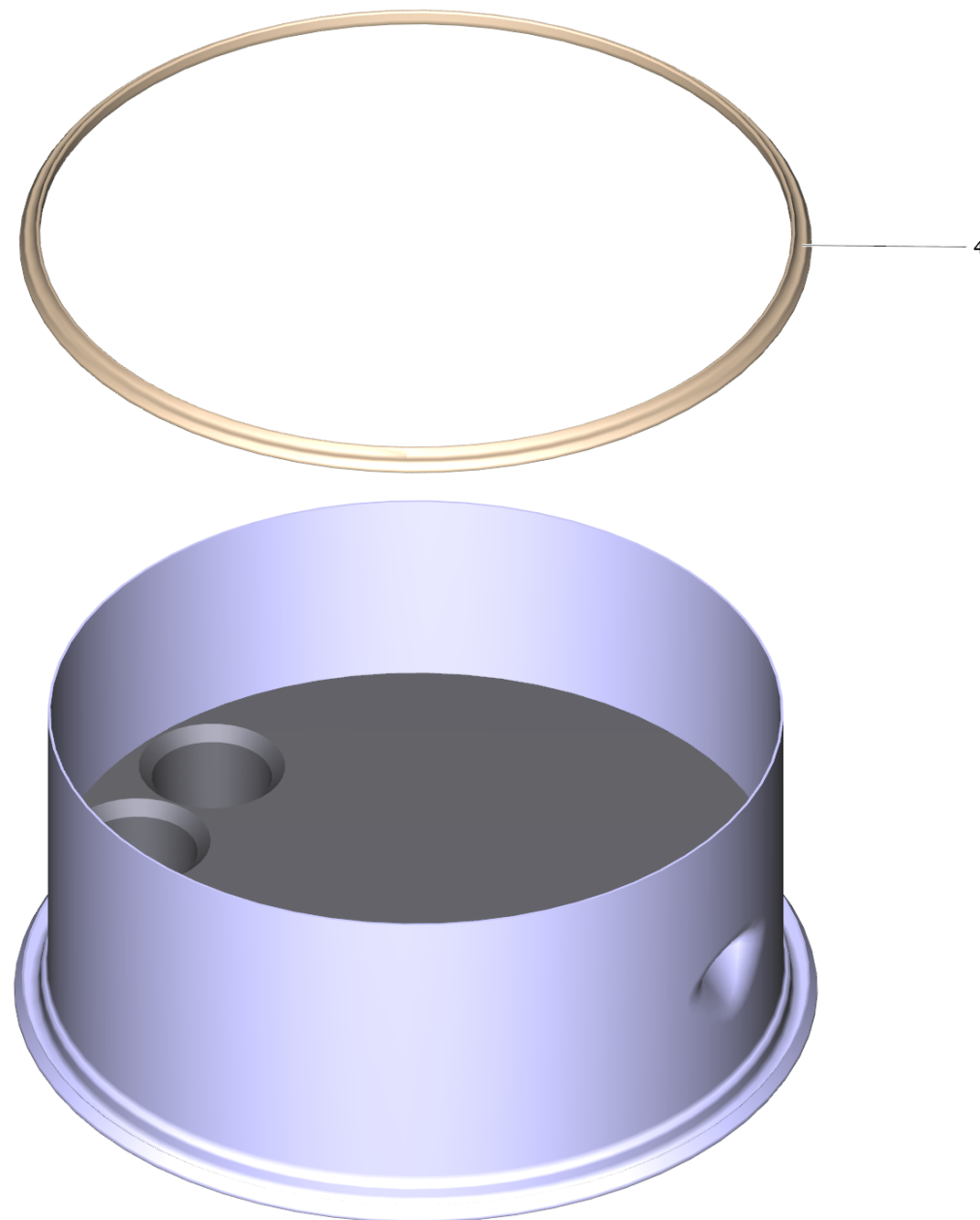
| POS | Article no. | Description                            | Quantity | Unit | Remark   |
|-----|-------------|----------------------------------------|----------|------|----------|
| 1   | 4.652-004.0 | Vessel mantel complete                 | 1.000    | ST   |          |
| 2   | 6.303-258.0 | Self-tapping screw                     | 3.000    | ST   |          |
| 3   | 5.654-051.0 | Cover pressure boiler                  | 1.000    | ST   |          |
| 4   | 4.663-073.0 | Baffle plate complete                  | 1.000    | ST   |          |
| 5   | 5.664-256.0 | Flame tube                             | 1.000    | ST   |          |
| 6   | 4.680-135.0 | Heating coil                           | 1.000    | ST   |          |
| 6   | 4.680-114.0 | Heating coil VA                        | 1.000    | ST   | ( VA )   |
| 7   | 7.311-155.0 | Hexagon nut M22x1,5 -Cu2 DIN 936       | 2.000    | ST   | ( CuZn ) |
| 7   | 7.311-112.0 | Hexagon nut M22X1,5 -22H-A2E DIN 936   | 2.000    | ST   |          |
| 8   | 7.312-278.0 | Washer 5-200HV-A2E ISO7093-1           | 2.000    | ST   |          |
| 9   | 6.303-320.0 | Screw M 5x 20-St-R2R                   | 2.000    | ST   |          |
| 10  | 5.034-834.0 | Holder probe                           | 1.000    | ST   |          |
| 11  | 7.304-051.0 | Hexagonal head screw M 8x16-8.8-P2R EN | 3.000    | ST   |          |
| 12  | 5.044-420.0 | Holder                                 | 3.000    | ST   |          |
| 13  | 6.310-081.0 | Cage nut M 8                           | 3.000    | ST   |          |
| 14  | 7.303-111.0 | Screw 5x50 -10.9-R2R (K-In6Rd)         | 2.000    | ST   |          |
| 15  | 5.412-001.0 | Holder Kessel ovale Heizschlange       | 1.000    | ST   |          |





## 75 Burner bottom

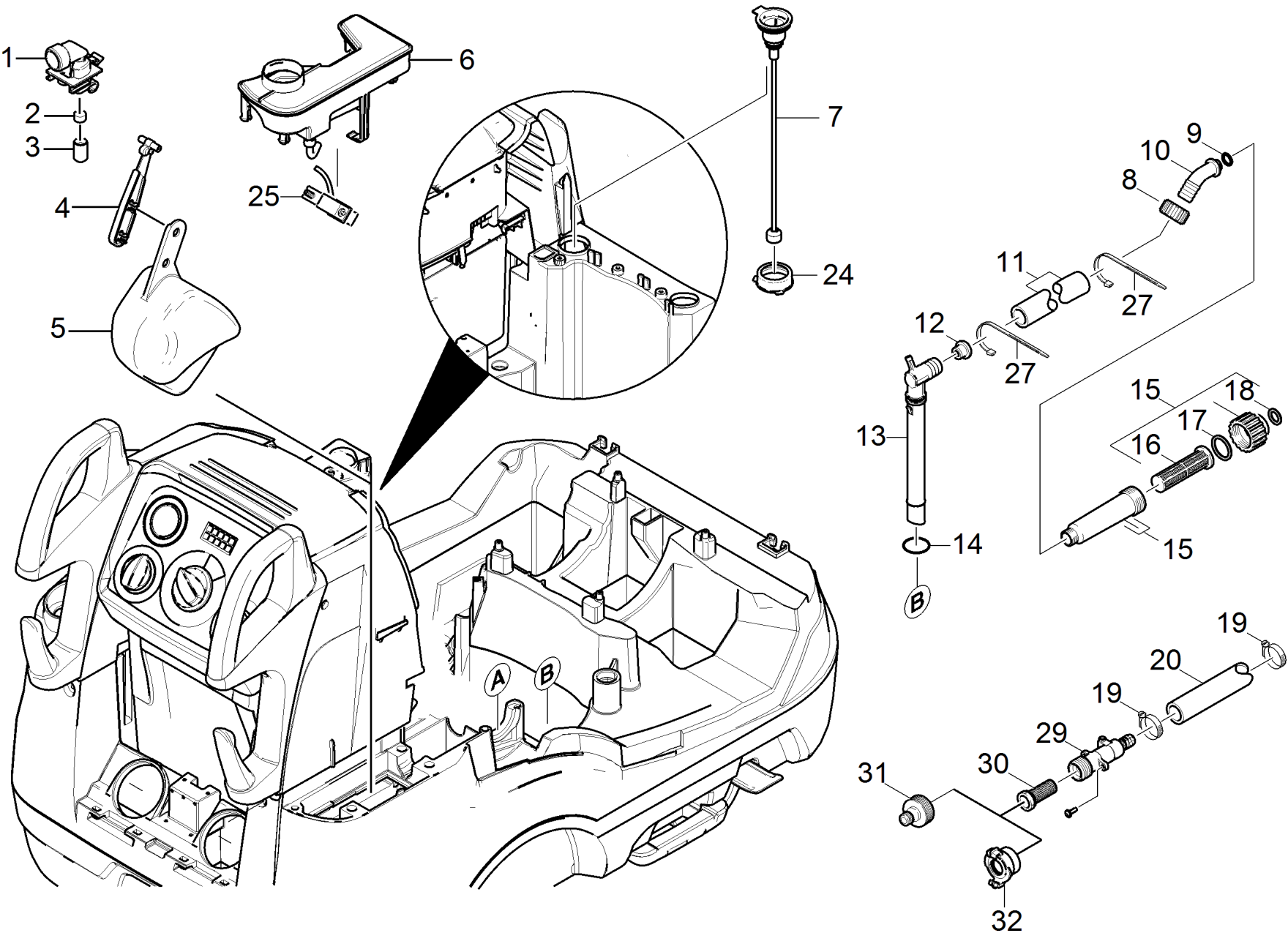
| POS | Article no. | Description                            | Quantity | Unit |
|-----|-------------|----------------------------------------|----------|------|
| 1   | 6.366-009.0 | Seal string                            | 1.000    | ST   |
| 2   | 4.655-044.0 | Bottom pressure boiler                 | 1.000    | ST   |
| 3   | 5.263-064.0 | Tensioning part                        | 1.000    | ST   |
| 4   | 4.686-031.0 | Thermostat only for replacement        | 1.000    | ST   |
| 5   | 4.427-011.0 | Manifold complete high-pressure outlet | 1.000    | ST   |
| 6   | 6.970-929.0 | Clip                                   | 1.000    | ST   |
| 7   | 5.051-114.0 | Base plate boiler                      | 1.000    | ST   |
| 8   | 5.424-142.0 | Foil shield                            | 1.000    | ST   |



## 2 Bottom pressure boiler (4.655-044.0)

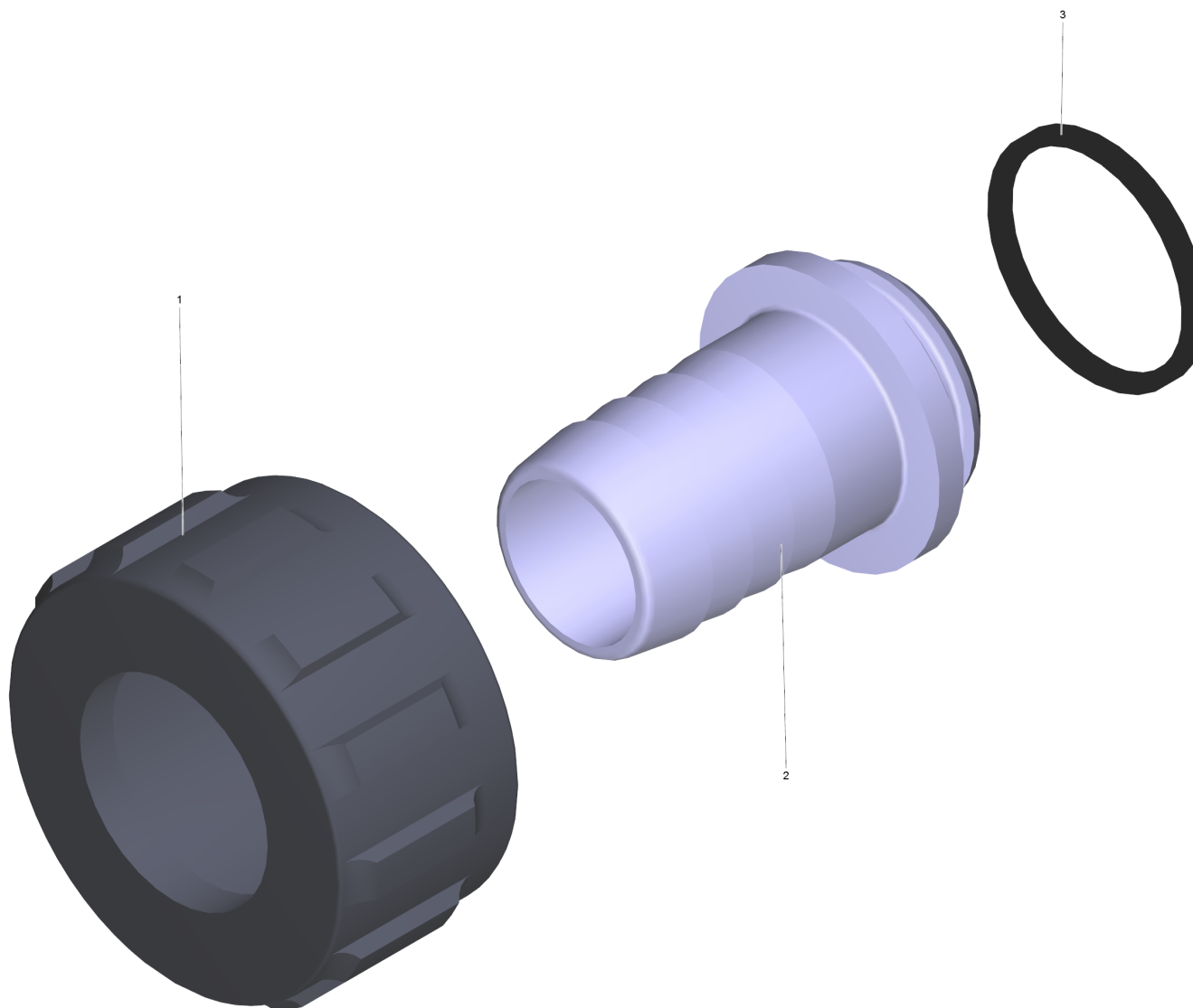
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| POS | Article no. | Description         | Quantity | Unit |
|-----|-------------|---------------------|----------|------|
| 4   | 6.366-009.0 | Seal string         | 1.000    | ST   |
| 6   | 6.869-024.0 | Quick-bonding agent | 0.004    | ZST  |



## 80 Float valve

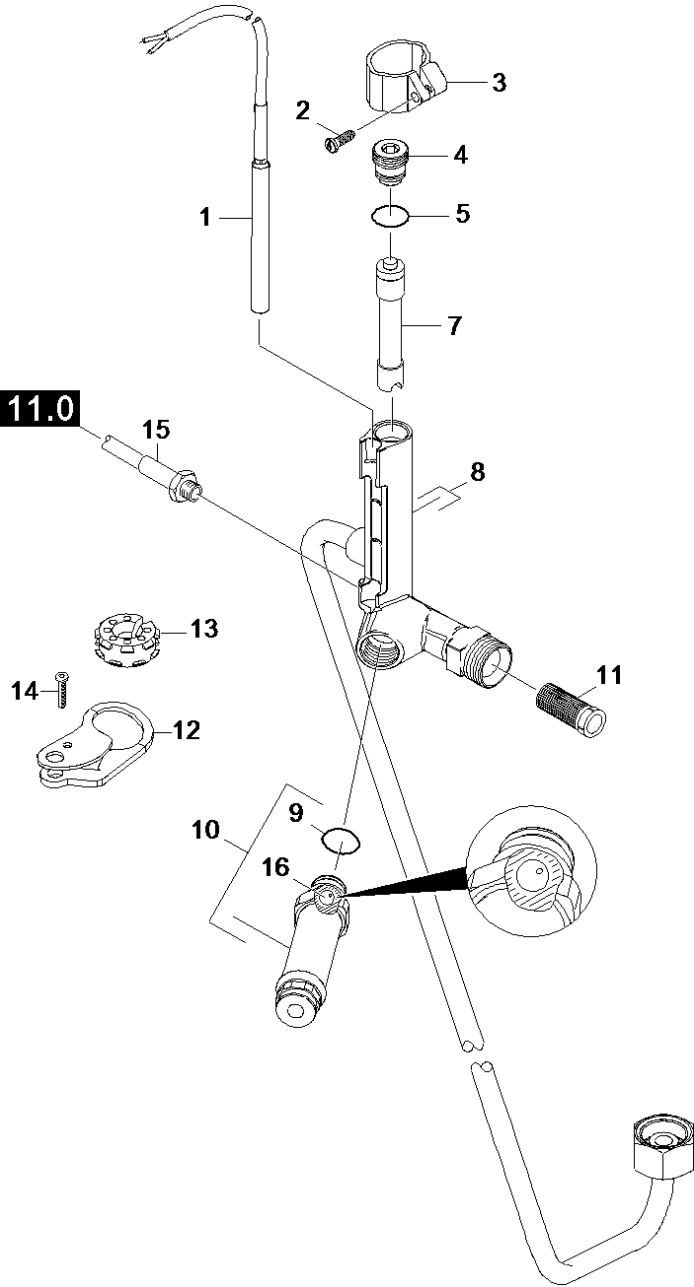
| POS | Article no. | Description                         | Quantity | Unit | Foot note text          |
|-----|-------------|-------------------------------------|----------|------|-------------------------|
| 1   | 5.587-214.0 | Valve housing                       | 1.000    | ST   |                         |
| 2   | 5.364-095.0 | Flat gasket                         | 1.000    | ST   |                         |
| 3   | 5.584-085.0 | Valve pin                           | 1.000    | ST   |                         |
| 4   | 5.481-256.0 | Lever                               | 1.000    | ST   |                         |
| 5   | 5.585-030.0 | Float                               | 1.000    | ST   |                         |
| 6   | 4.070-658.3 | Tank complete                       | 1.000    | ST   |                         |
| 7   | 4.747-097.0 | Level probe -nur für Ersatz-        | 1.000    | ST   |                         |
| 8   | 5.310-167.0 | Nut G 3/4"                          | 1.000    | ST   |                         |
| 9   | 6.362-078.0 | O-Ring seal 13,3x2,4                | 1.000    | ST   |                         |
| 10  | 5.443-365.0 | HOSE STEM (HDS555C)                 | 1.000    | ST   |                         |
| 11  | 6.392-258.0 | Piece of tube 19x4x280              | 1.000    | ST   | ALS METERWARE BESTELLEN |
| 12  | 5.112-286.0 | Bush                                | 1.000    | ST   |                         |
| 13  | 5.443-553.0 | Connection piece                    | 1.000    | ST   |                         |
| 14  | 6.362-161.0 | O-Ring seal 19,3 X 2,4              | 1.000    | ST   |                         |
| 15  | 4.730-168.3 | Water filter complete               | 1.000    | ST   |                         |
| 16  | 5.731-587.0 | Water filter                        | 1.000    | ST   |                         |
| 17  | 5.363-336.0 | Seal                                | 1.000    | ST   |                         |
| 18  | 5.363-545.0 | Seal                                | 1.000    | ST   |                         |
| 19  | 7.373-022.0 | Hose clip A-16-27x9 -W2-2 DIN3017   | 2.000    | ST   |                         |
| 20  | 6.388-719.0 | Hose DN17                           | 1.000    | M    | ALS METERWARE BESTELLEN |
| 24  | 5.365-289.0 | Rubber bushing transmitter feeder   | 1.000    | ST   |                         |
| 25  | 4.686-030.0 | Solenoid valve only for replacement | 1.000    | ST   |                         |
| 27  | 6.641-474.0 | Cable tape 8-210                    | 2.000    | ST   |                         |
| 29  | 5.427-432.0 | Manifold                            | 1.000    | ST   |                         |
| 30  | 6.414-141.0 | Strainer                            | 1.000    | ST   |                         |
| 31  | 2.640-492.0 | Set water connection 1 "            | 1.000    | ST   |                         |
| 32  | 6.388-458.0 | Hose coupling                       | 1.000    | ST   |                         |



### 31 Set water connection 1 " (2.640-492.0)

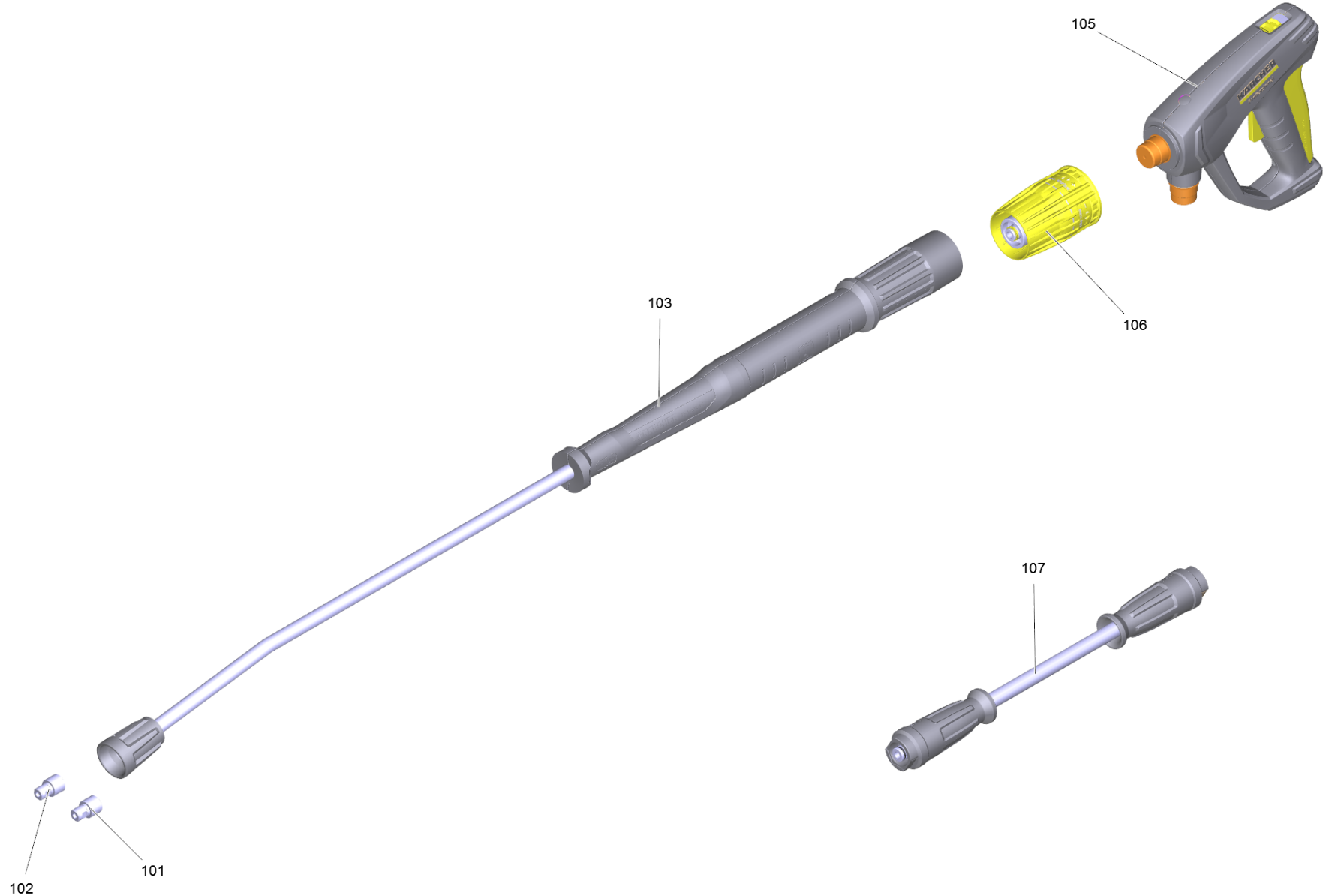
| POS | Article no. | Description            | Quantity | Unit |
|-----|-------------|------------------------|----------|------|
| 1   | 5.310-076.0 | Nut                    | 1.000    | ST   |
| 2   | 5.443-291.0 | Hose stem              | 1.000    | ST   |
| 3   | 6.362-161.0 | O-Ring seal 19,3 X 2,4 | 1.000    | ST   |





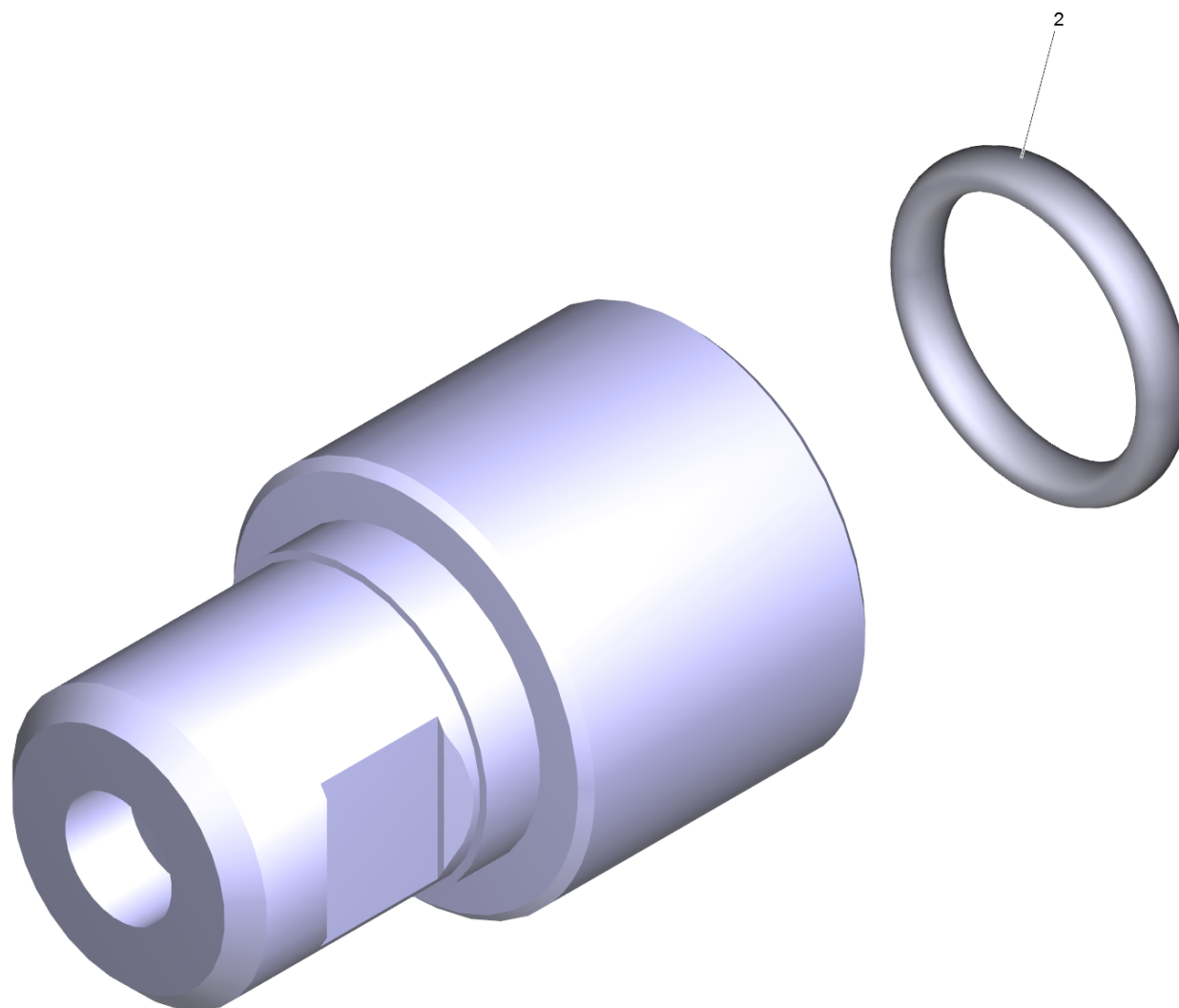
## 90 Safety system

| POS | Article no. | Description                              | Quantity | Unit |
|-----|-------------|------------------------------------------|----------|------|
| 1   | 2.885-051.0 | Reed switch replacement                  | 1.000    | ST   |
| 2   | 6.303-122.0 | M4 .2X13 DIN 7981 TORX T15 PAN HD HI/LO  | 1.000    | ST   |
| 3   | 5.041-076.0 | Clamp                                    | 1.000    | ST   |
| 4   | 5.305-162.0 | Shaped screw                             | 1.000    | ST   |
| 5   | 6.362-482.0 | O-Ring seal 10 x 1,5-NBR 70              | 1.000    | ST   |
| 7   | 4.551-058.0 | Cartridge protection against water short | 1.000    | ST   |
| 8   | 4.427-043.0 | Manifold complete screw plug             | 1.000    | ST   |
| 9   | 6.362-845.0 | O-Ring seal 10,82x 1,78                  | 1.000    | ST   |
| 10  | 4.580-710.0 | Safety valve complete replacement        | 1.000    | ST   |
| 11  | 6.414-566.0 | Strainer WMS                             | 1.000    | ST   |
| 12  | 5.378-150.0 | Holder pipe                              | 1.000    | ST   |
| 13  | 5.767-023.0 | Rubber buffer                            | 1.000    | ST   |
| 14  | 7.303-108.0 | Screw 5x20 -10.9-R2R (In6Rd)             | 1.000    | ST   |
| 15  | 6.389-811.0 | High pressure hose                       | 1.000    | ST   |
| 16  | 6.401-429.0 | Sphere polyamide 8mm                     | 1.000    | ST   |



## 100 Accessories

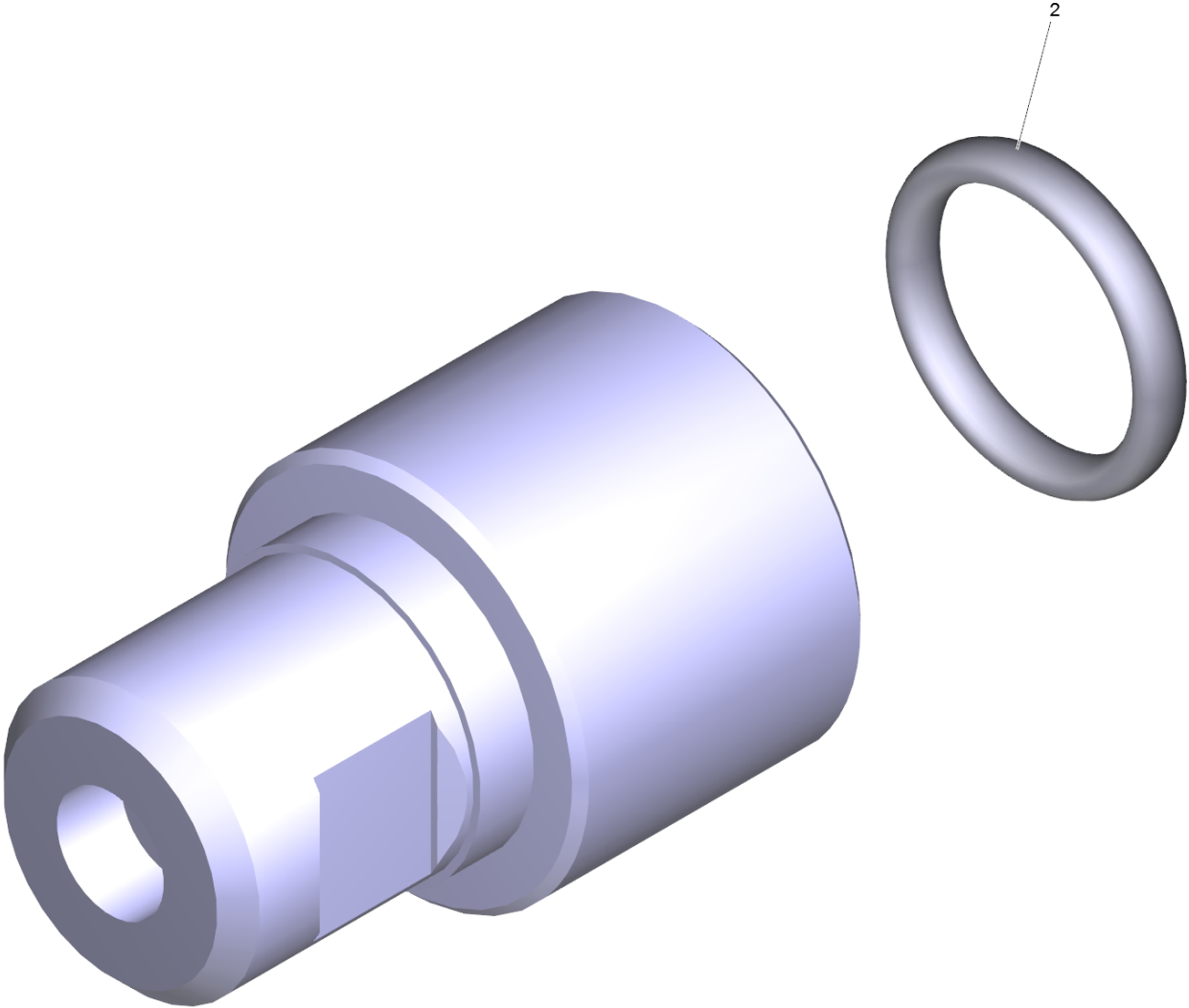
| POS | Article no. | Description                    | Quantity | Unit |
|-----|-------------|--------------------------------|----------|------|
| 101 | 2.113-026.0 | Power nozzle TR 25060          | 1.000    | ST   |
| 102 | 2.114-004.0 | Steam nozzle TR 40060          | 1.000    | ST   |
| 103 | 4.112-000.0 | Jet pipe TR 1050 mm            | 1.000    | ST   |
| 105 | 4.118-005.0 | EASY!Force Advanced            | 1.000    | ST   |
| 106 | 4.118-007.0 | Rotary controller TR 270L      | 1.000    | ST   |
| 107 | 6.110-038.0 | Hose assembly TR DN8 40MPa 10m | 1.000    | ST   |



101 Power nozzle TR 25060 (2.113-026.0)

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| POS | Article no. | Description             | Quantity | Unit |
|-----|-------------|-------------------------|----------|------|
| 2   | 2.880-001.0 | Spare part set seals TR | 1.000    | ST   |



102 Steam nozzle TR 40060 (2.114-004.0)

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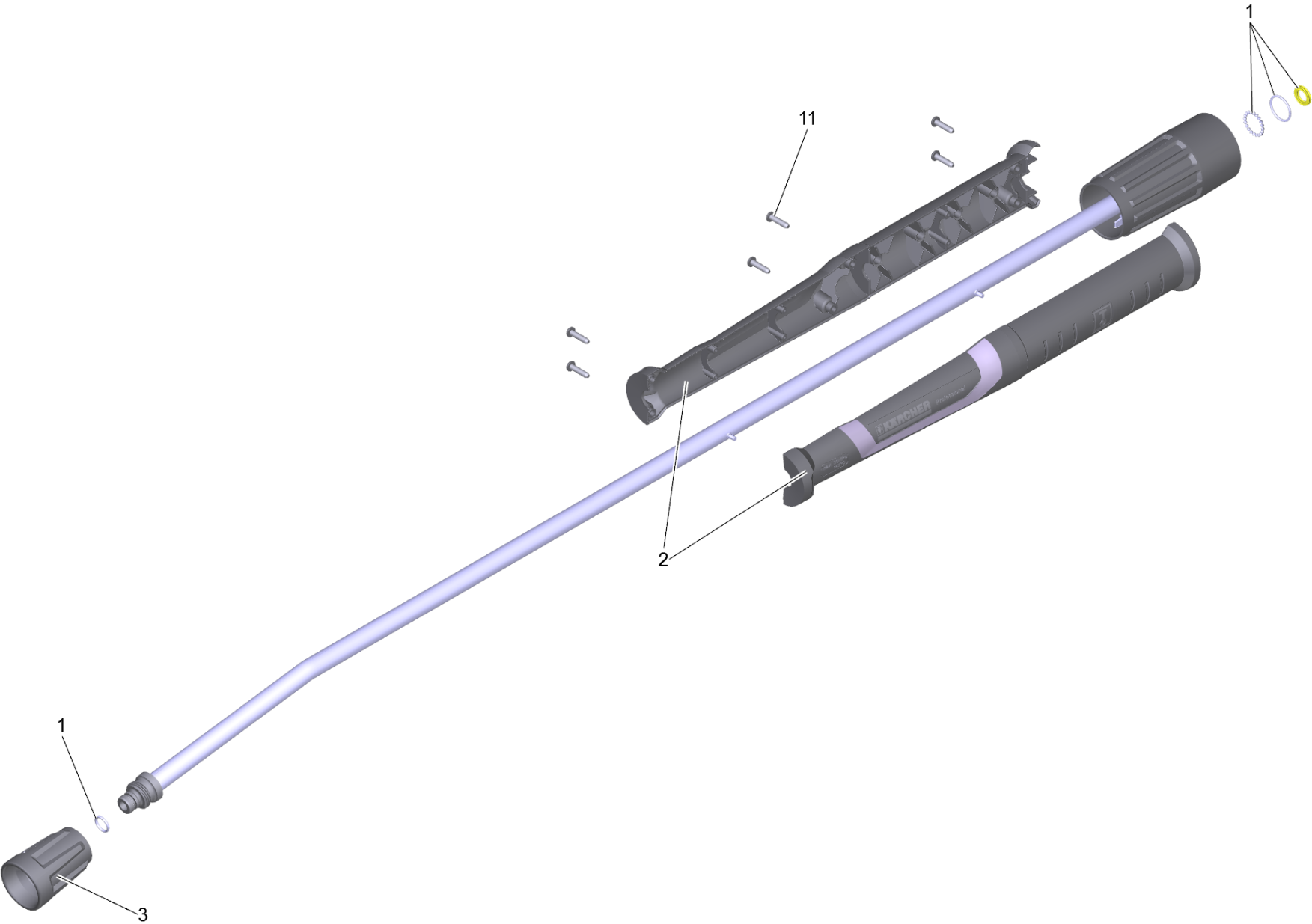
| POS | Article no. | Description             | Quantity | Unit |
|-----|-------------|-------------------------|----------|------|
| 2   | 2.880-001.0 | Spare part set seals TR | 1.000    | ST   |



103 Jet pipe TR 1050 mm (4.112-000.0)

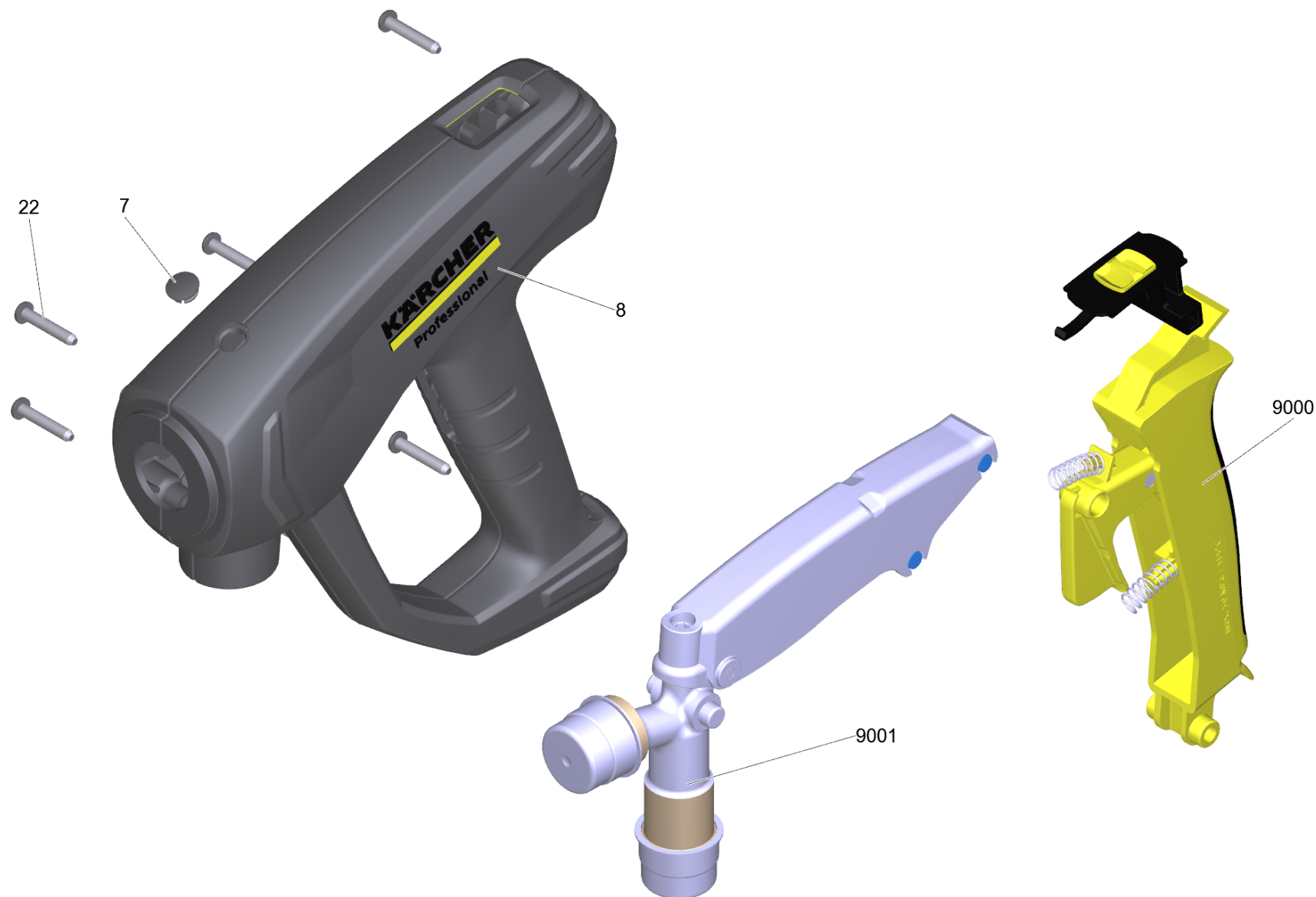
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| POS | Article no. | Description         | Quantity | Unit |
|-----|-------------|---------------------|----------|------|
| 1   | 4.112-012.0 | Jet pipe TR 1050 mm | 1.000    | ST   |



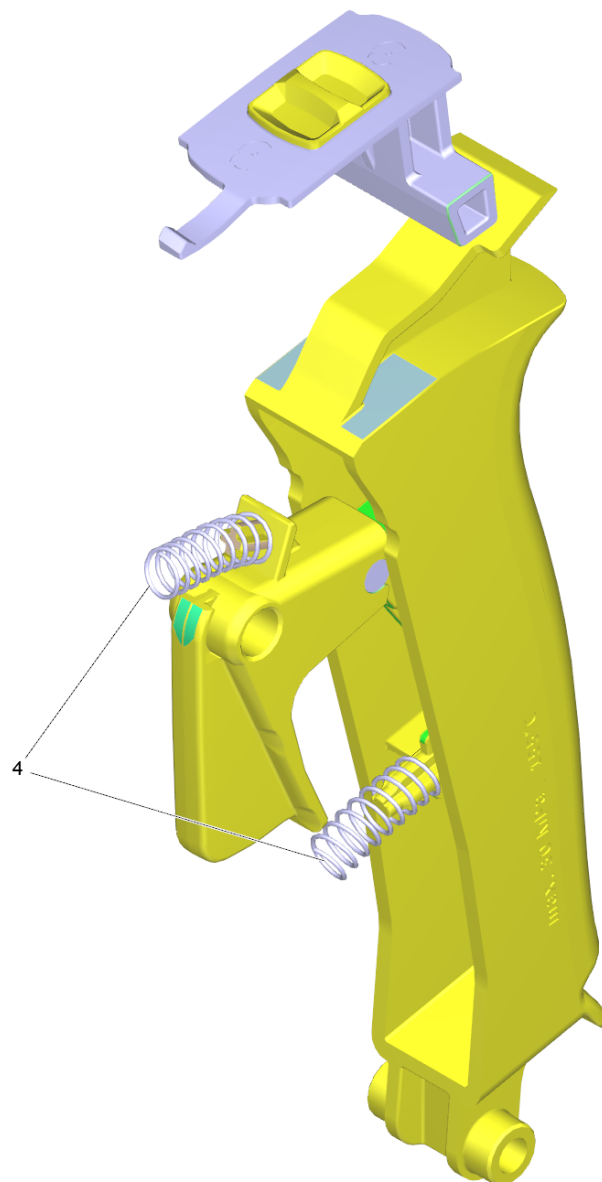
## 1 Jet pipe TR 1050 mm (4.112-012.0)

| POS | Article no. | Description                              | Quantity | Unit |
|-----|-------------|------------------------------------------|----------|------|
| 1   | 4.100-688.0 | Spare part set seal TR                   | 1.000    | ST   |
| 2   | 5.321-018.3 | Handle bowl jet pipe only for replacemen | 1.000    | ST   |
| 3   | 4.112-011.0 | Protection part TR only for replacement  | 1.000    | ST   |
| 11  | 7.303-129.0 | Screw 4x16 -10.9-R2R (K-In6Rd)           | 6.000    | ST   |



# 105 EASY!Force Advanced (4.118-005.0)

| POS  | Article no. | Description                              | Quantity | Unit |
|------|-------------|------------------------------------------|----------|------|
| 7    | 5.132-001.0 | Plug                                     | 1.000    | ST   |
| 8    | 5.321-136.3 | Handhold few EH 155 only for replacement | 1.000    | ST   |
| 22   | 7.303-096.0 | Screw 4x22 -ST-10.9-R2R (IN6RD)          | 7.000    | ST   |
| 9000 | 2.885-483.0 | Spare part set lever                     | 1.000    | ST   |
| 9001 | 4.427-014.0 | Manifold TR EH 155 nur fuer Ersatz       | 1.000    | ST   |



9000 Spare part set lever (2.885-483.0)

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| POS | Article no. | Description    | Quantity | Unit |
|-----|-------------|----------------|----------|------|
| 4   | 5.332-032.0 | Helical spring | 2.000    | ST   |

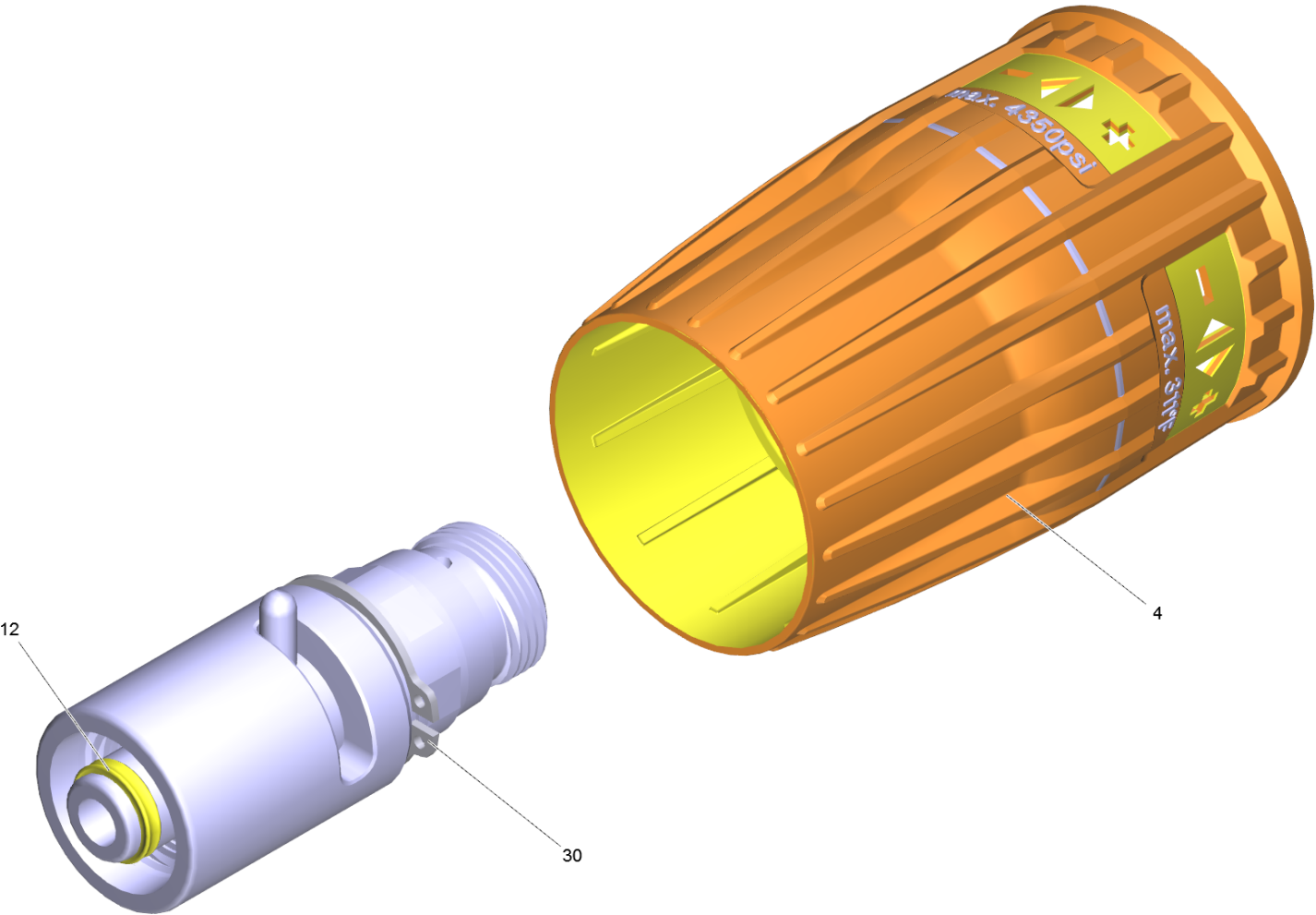
106 Rotary controller TR 270L (4.118-007.0)

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| POS | Description               | Quantity | Unit |
|-----|---------------------------|----------|------|
| 1   | Rotary controller TR 270L | 1.000    | ST   |

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## 1 Rotary controller TR 270L

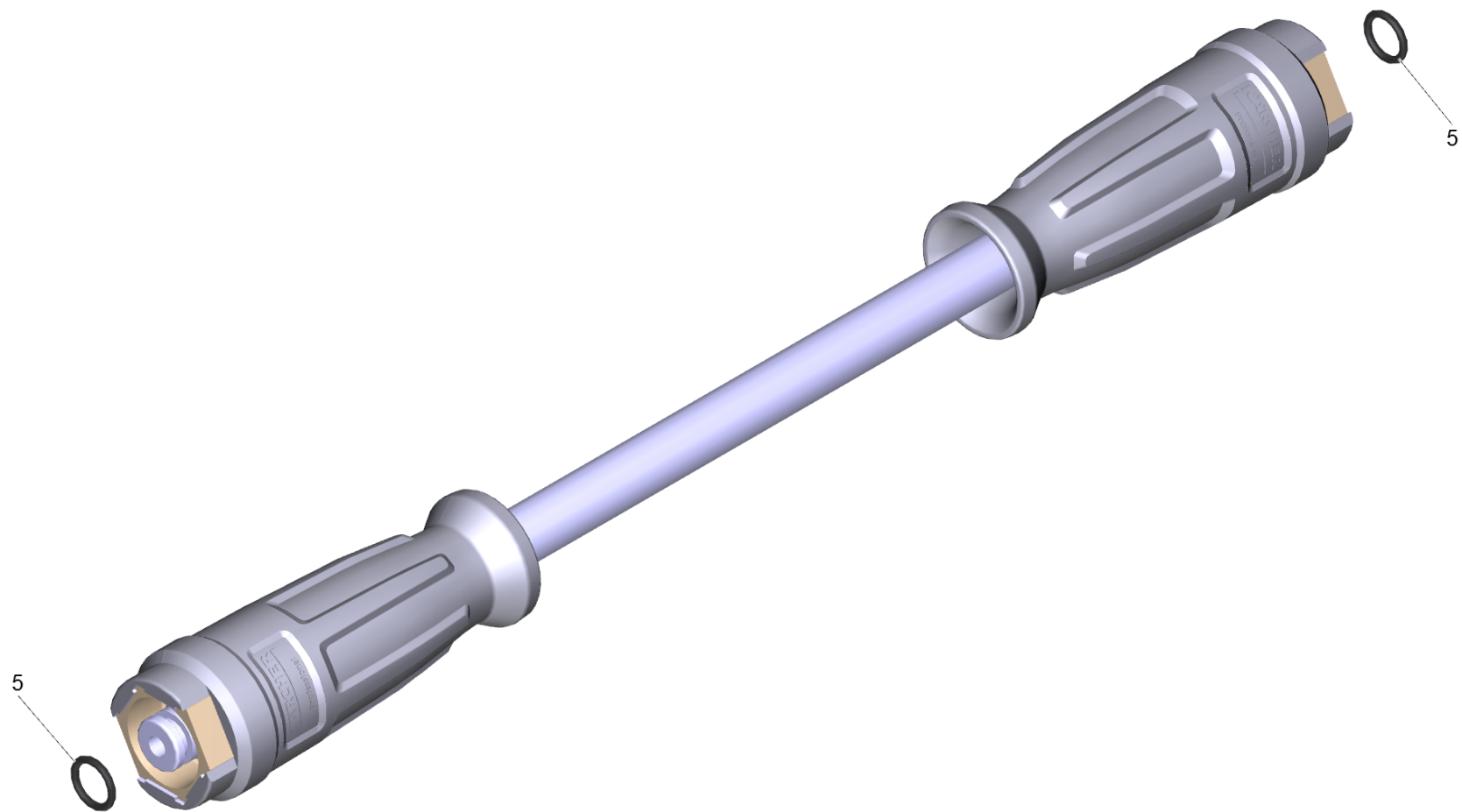
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| POS | Article no. | Description                        | Quantity | Unit |
|-----|-------------|------------------------------------|----------|------|
| 4   | 5.321-364.3 | Handhold rotary controller         | 1.000    | ST   |
| 12  | 2.880-001.0 | Spare part set seals TR            | 1.000    | ST   |
| 30  | 7.343-069.0 | Locking ring 25x1,2-1.4122 DIN 471 | 1.000    | ST   |

107 Hose assembly TR DN8 40MPa 10m (6.110-038.0)

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| POS | Description                              | Quantity | Unit |
|-----|------------------------------------------|----------|------|
| 1   | Hose assembly TR rotatable DN8 40MPa 10m | 1.000    | ST   |

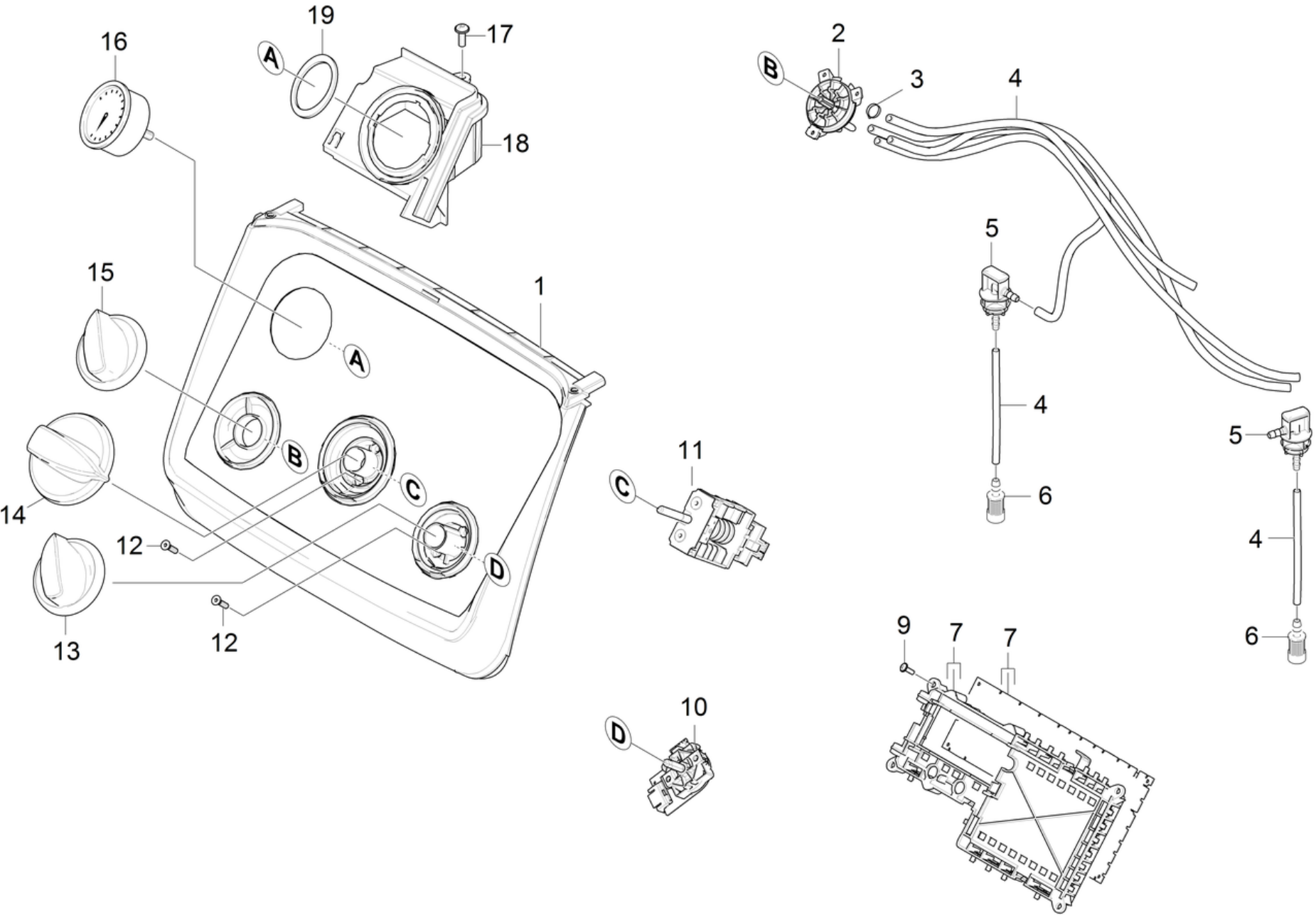


1 Hose assembly TR rotatable DN8 40MPa 10m

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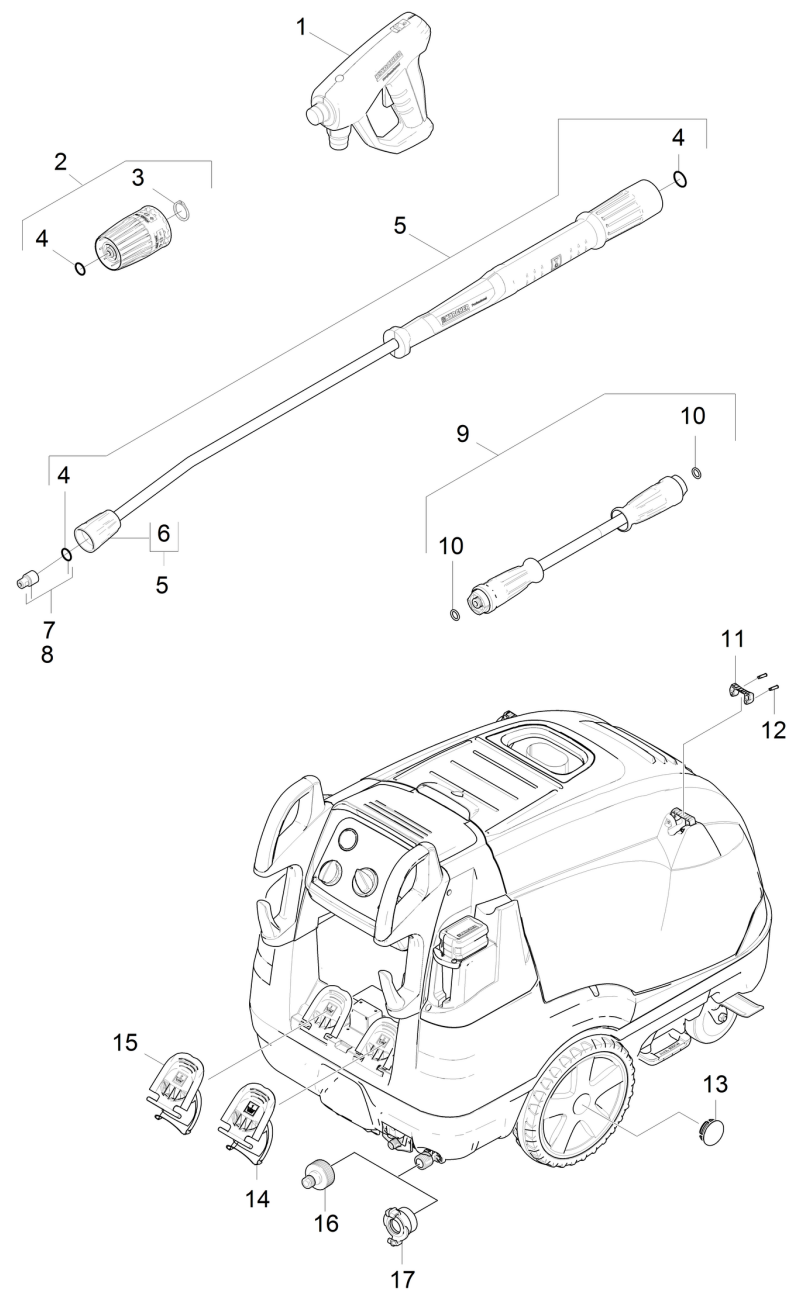
| POS | Article no. | Description | Quantity | Unit |
|-----|-------------|-------------|----------|------|
| 5   | 2.880-154.0 | O-Ring kit  | 1.000    | ST   |

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## 110 Control panel

| POS | Article no. | Description                              | Quantity | Unit | Foot note text          |
|-----|-------------|------------------------------------------|----------|------|-------------------------|
| 1   | 4.841-386.0 | Control panel only for replacement       | 1.000    | ST   |                         |
| 2   | 4.063-842.0 | Proportioning valve chemistry            | 1.000    | ST   |                         |
| 3   | 6.388-559.0 | Hose clip                                | 4.000    | ST   |                         |
| 4   | 6.391-341.0 | Hose chemistry DN 6                      | 1.000    | M    | ALS METERWARE BESTELLEN |
| 5   | 5.132-195.0 | Plug aspiration chemistry                | 2.000    | ST   |                         |
| 6   | 5.731-638.0 | Filter with weight                       | 2.000    | ST   |                         |
| 7   | 2.885-052.0 | Frame circuit board complete             | 1.000    | ST   |                         |
| 9   | 7.303-106.0 | Screw 4x12 -10.9-R2R (IN6RD)             | 2.000    | ST   |                         |
| 10  | 4.630-005.0 | Switch temperature only for replacement  | 1.000    | ST   |                         |
| 11  | 6.630-421.3 | Switch program selection                 | 1.000    | ST   |                         |
| 12  | 7.305-019.0 | Countersunk screw M4x16 -8.8-R2R (In6Rd  | 4.000    | ST   |                         |
| 13  | 5.321-847.0 | Handle                                   | 1.000    | ST   |                         |
| 14  | 5.321-848.0 | Handle                                   | 1.000    | ST   |                         |
| 15  | 5.321-844.0 | Handle                                   | 1.000    | ST   |                         |
| 16  | 4.423-020.0 | Pressure gauge only for replacement 0-25 | 1.000    | ST   |                         |
| 17  | 7.303-106.0 | Screw 4x12 -10.9-R2R (IN6RD)             | 1.000    | ST   |                         |
| 18  | 5.044-850.0 | Holder pressure gauge                    | 1.000    | ST   |                         |
| 19  | 5.363-721.0 | Joint ring                               | 1.000    | ST   |                         |





## 1020 Short spare parts list

| POS | Article no. | Description                             | Quantity | Unit |
|-----|-------------|-----------------------------------------|----------|------|
| 1   | 4.118-005.0 | EASY!Force Advanced                     | 1.000    | ST   |
| 2   | 4.118-007.0 | Rotary controller TR 270L               | 1.000    | ST   |
| 3   | 7.343-069.0 | Locking ring 25x1,2-1.4122 DIN 471      | 1.000    | ST   |
| 4   | 2.880-001.0 | Spare part set seals TR                 | 3.000    | ST   |
| 5   | 4.112-000.0 | Jet pipe TR 1050 mm                     | 1.000    | ST   |
| 6   | 4.112-011.0 | Protection part TR only for replacement | 1.000    | ST   |
| 7   | 2.113-026.0 | Power nozzle TR 25060                   | 1.000    | ST   |
| 8   | 2.114-004.0 | Steam nozzle TR 40060                   | 1.000    | ST   |
| 9   | 6.110-038.0 | Hose assembly TR DN8 40MPa 10m          | 1.000    | ST   |
| 10  | 2.880-154.0 | O-Ring kit                              | 1.000    | ST   |
| 11  | 5.424-162.0 | Fixing jet pipe                         | 1.000    | ST   |
| 12  | 5.314-143.0 | Pin fixing jet pipe                     | 2.000    | ST   |
| 13  | 2.889-086.0 | Set wheel cap                           | 2.000    | ST   |
| 14  | 5.064-231.0 | Cover chemistry 2                       | 1.000    | ST   |
| 15  | 5.064-221.0 | Cover chemistry 1                       | 1.000    | ST   |
| 16  | 2.640-492.0 | Set water connection 1 "                | 1.000    | ST   |
| 17  | 6.388-458.0 | Hose coupling                           | 1.000    | ST   |