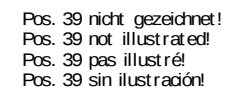


## SPE II

Spare parts list  
Parts list

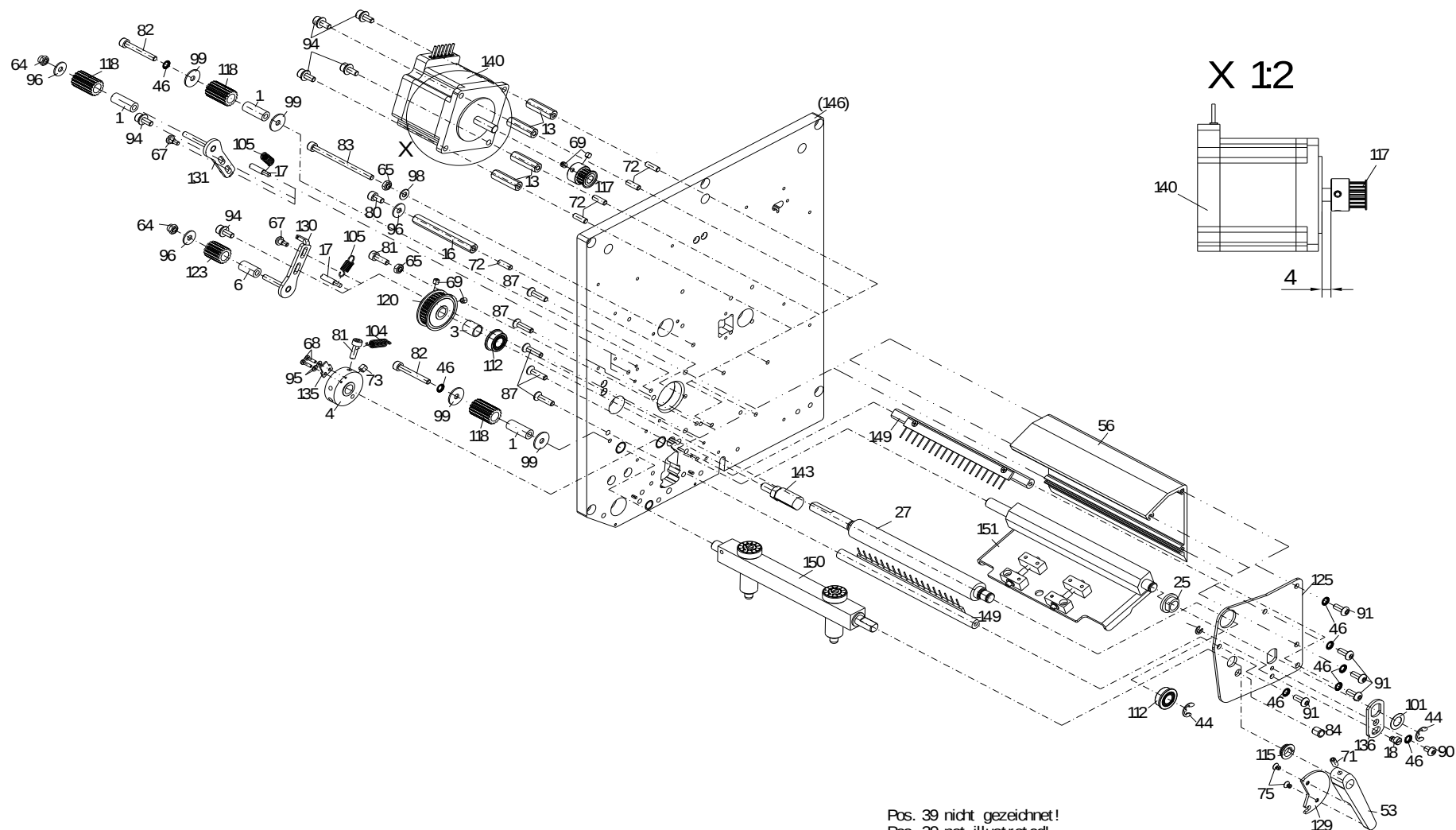


**SPE II 10X PRINT MECHANISM, RIGHT PRE-ASSEMBLED**



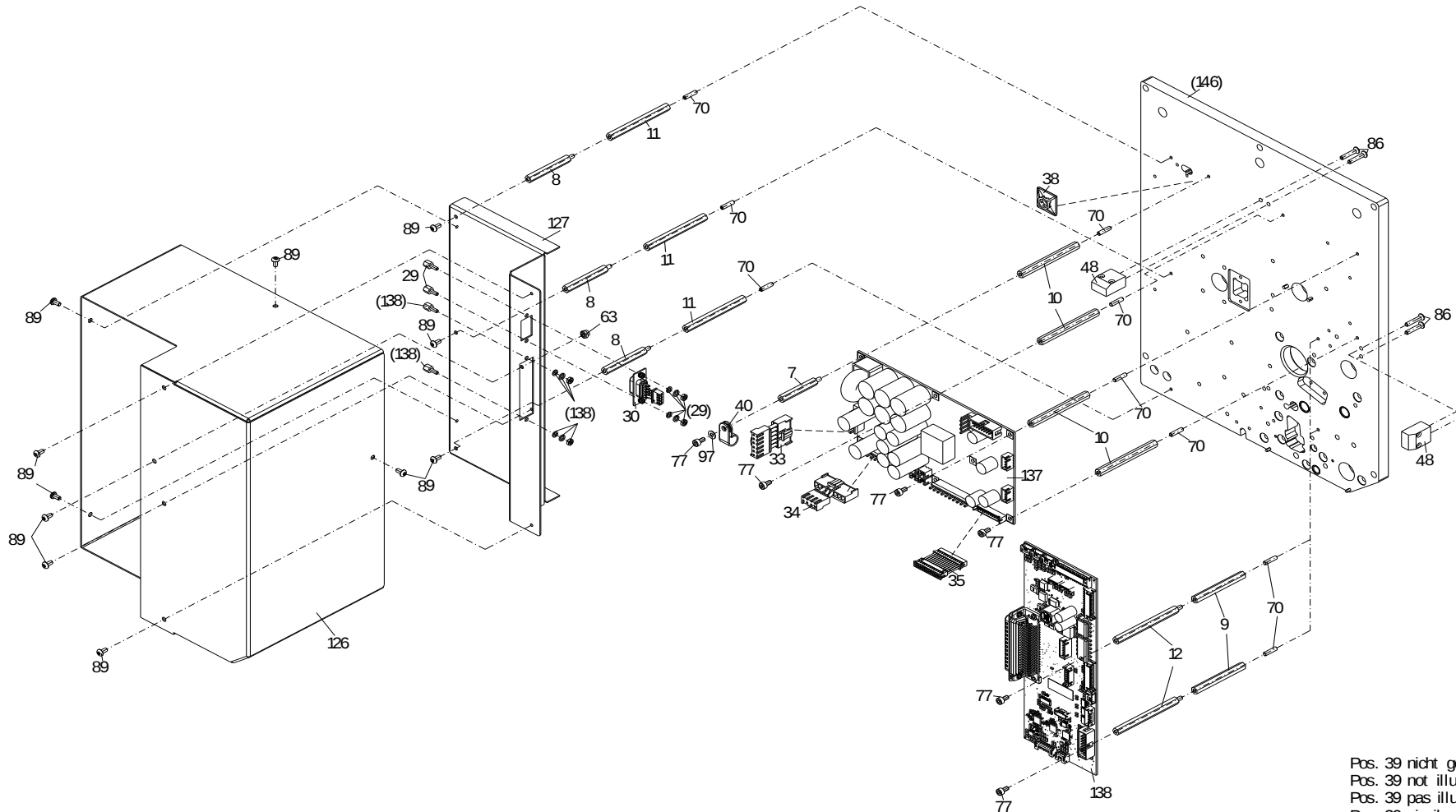
# 71.86.850C

## SPE II 10X PRINT MECHANISM, RIGHT PRE-ASSEMBLED



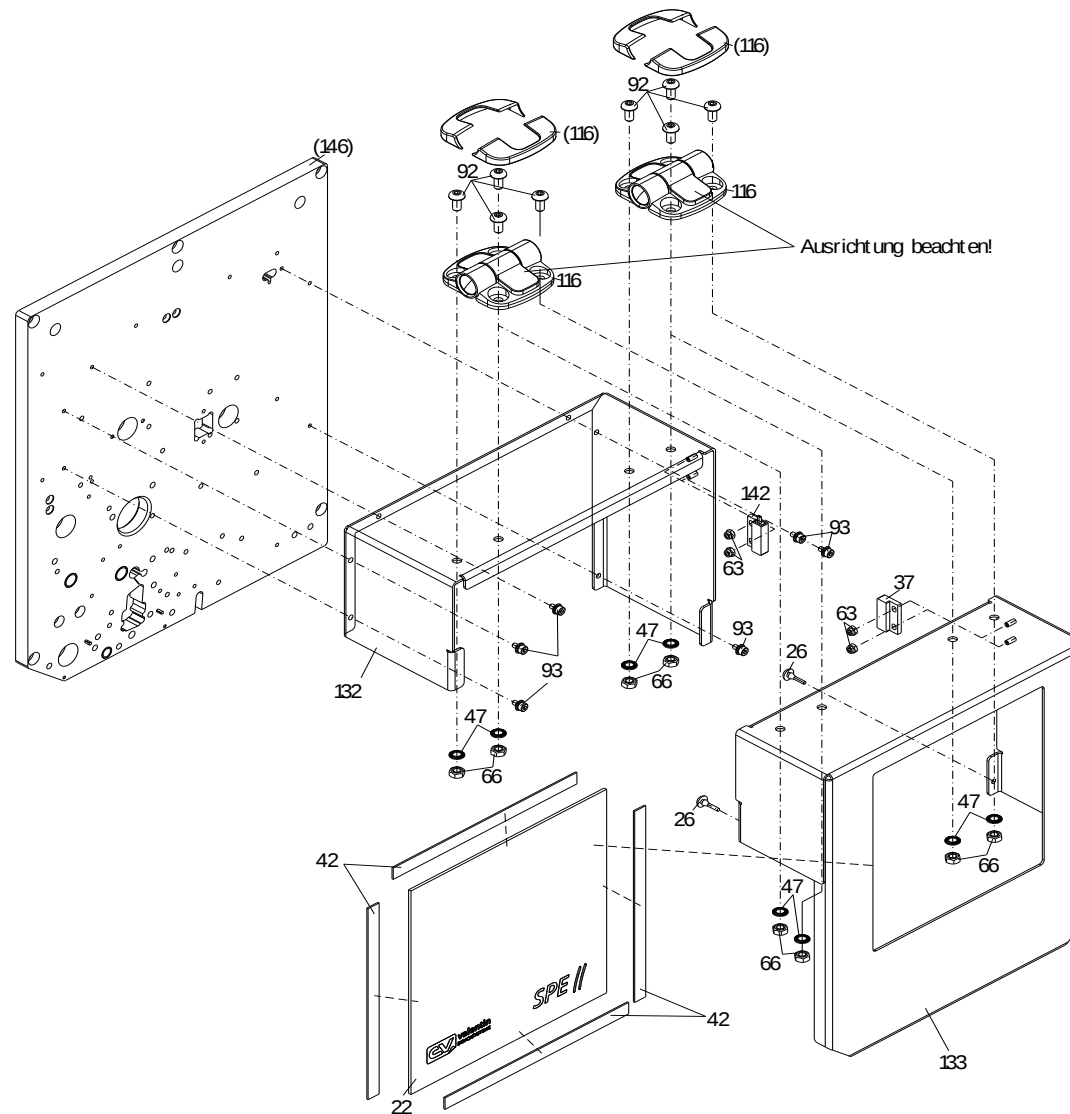
# 71.86.850C

## SPE II 10X PRINT MECHANISM, RIGHT PRE-ASSEMBLED



## 71.86.850C

### SPE II 10X PRINT MECHANISM, RIGHT PRE-ASSEMBLED



Pos. 39 nicht gezeichnet!  
Pos. 39 not illustrated!  
Pos. 39 pas illustré!  
Pos. 39 sin ilustración!

## 71.86.850C

### SPE II 10X PRINT MECHANISM, RIGHT PRE-ASSEMBLED

| Pos | Ident-No.    | Description1            | Description2                                 | Quantity |
|-----|--------------|-------------------------|----------------------------------------------|----------|
| 1   | 10.87.001C   | BUSH BEARING            |                                              | 3        |
| 2   | 10.88.001    | Bearing bush            | Spectra/SPE/DPM/SPX/Vita/Flexicode/ILX/ALP   | 2        |
| 3   | 10.88.015    | Spacer sleeve           | Spectra/SPE/Vario/SPX/Vita                   | 1        |
| 4   | 10.88.025    | Bearing ring            | Spectra/SPE/SPX                              | 1        |
| 5   | 10.88.036    | Knurled knob            | Spectra II/SPE II                            | 1        |
| 6   | 10.89.035    | Bearing bush            | ALP/SPE II                                   | 1        |
| 7   | 12.40.335    | Distance bolt M3x35     |                                              | 1        |
| 8   | 12.40.341    | DISTANCE BOLT M3 X 41   |                                              | 3        |
| 9   | 12.40.3501   | DISTANCE BOLT M3x50     |                                              | 2        |
| 10  | 12.40.359    | DISTANCE BOLT M3 X 58,5 |                                              | 4        |
| 11  | 12.40.361    | Distance bolt M3x60     |                                              | 3        |
| 12  | 12.40.362    | DISTANCE BOLT M3 X 62   |                                              | 2        |
| 13  | 12.40.425    | DISTANCE BOLT M4 X 25   |                                              | 4        |
| 14  | 12.40.4308   | Distance bolt M4x30.8   |                                              | 4        |
| 15  | 12.40.434    | Distance bolt M4x34.8   |                                              | 3        |
| 16  | 12.40.460    | DISTANCE BOLT M4 X 60   |                                              | 1        |
| 17  | 12.87.042B-2 | Bearing pin, short      | LPM II "GEA"/SPE II                          | 2        |
| 18* | 12.88.030    | Eccentric pin           | Spectra/SPE/SPX                              | 1        |
| 19  | 12.88.035A   | LOCK PIN                |                                              | 1        |
| 20  | 16.56.045    | Supporting piece        | Vario III/Spectra II/ILX 10X/SPE II          | 1        |
| 21  | 16.74.006    | Label guiding, inside   | ILX 10X/SPE II                               | 1        |
| 22  | 16.87.001C   | WINDOW "CV"             |                                              | 1        |
| 23  | 16.87.005    | Label guiding           | SPE/SPX/Duoprint/ILX                         | 1        |
| 24  | 16.88.055    | Sprocket wheel          | Spectra/SPE/DPM/Vario/SPX/Vita/Flexicode/ALP | 1        |
| 25  | 16.88.070    | Slide bearing           | Spectra/SPE/SPX/ALP                          | 1        |
| 26  | 18.01.030    | MOUNTING FOOT           |                                              | 2        |
| 27* | 18.88.101    | Pressure roller         | Spectra/SPX/Duoprint 107/ILX 10X/SPE         | 1        |
| 28  | 18.88.103A   | Pressure roller         | Spectra II 10X/ILX 10X/SPE II 10X            | 1        |

\*Recommended spare part

## 71.86.850C

### SPE II 10X PRINT MECHANISM, RIGHT PRE-ASSEMBLED

| Pos | Ident-No.   | Description1                                      | Description2                                     | Quantity |
|-----|-------------|---------------------------------------------------|--------------------------------------------------|----------|
| 29  | 25.04.100   | SUB-D fixing set                                  |                                                  | 1        |
| 30  | 28.87.001C  | Winder supply line                                | SPE II, right                                    | 1        |
| 31  | 28.87.003B  | Connecting cable, encoder-CPU                     | LPM II/SPE II                                    | 1        |
| 32  | 28.87.005C  | Photocell cable, transmission-reflexion photocell | SPE II                                           | 1        |
| 33  | 28.87.0435C | CONNECTING CABLE 48V                              |                                                  | 1        |
| 34  | 28.87.043C  | CONNECTING CABLE 48V                              |                                                  | 1        |
| 35  | 28.87.0445C | CONNECTING CABLE MOTOR SIGNALS SPE II             |                                                  | 1        |
| 36  | 31.03.035   | Photocell                                         |                                                  | 1        |
| 37  | 31.03.220   | Magnet for Reed sensor                            |                                                  | 1        |
| 38  | 35.01.001   | Mounting base self-adhesive 19x19 mm              |                                                  | 1        |
| 39  | 35.01.002   | Cable joint 100x2.5 mm                            |                                                  | 10       |
| 40  | 35.01.022   | Nylon bracket 7.4-8.4 mm                          |                                                  | 1        |
| 41  | 35.04.004   | Tube 3.2 mm, black                                |                                                  | 0,02m    |
| 42  | 37.68.003   | Double sided adhesive tape 9 mm                   |                                                  | 0,01     |
| 43  | 40.01.003V  | Shaft protection 3.2 mm stainless                 |                                                  | 5        |
| 44  | 40.01.006V  | Shaft protection 6 mm stainless                   |                                                  | 8        |
| 45  | 41.03.003V  | Lock washer M3 stainless                          |                                                  | 2        |
| 46  | 41.03.004V  | Lock washer M4 stainless                          |                                                  | 12       |
| 47  | 41.03.005V  | Lock washer M5 stainless                          |                                                  | 8        |
| 48  | 45.74.010   | Bracket for cover, SRD                            | ILX "SRD"/SPE II                                 | 2        |
| 49  | 45.81.020   | Spacer                                            | Duoprint/SPX II/Spectra II/LPM II/ILX 10X/SPE II | 1        |
| 50  | 45.87.012C  | Bearing for pressure roller                       | SPE II                                           | 1        |
| 51  | 45.87.120   | Intermediate plate, right                         | SPE/Spectra 107/SPX/Duoprint 107/ILX 10X         | 1        |
| 52  | 45.87.502   | Dispensing pillar short                           | SPE 10X/SPX 10X                                  | 1        |
| 53  | 45.88.026   | PRESSURE LEVER                                    |                                                  | 1        |
| 54  | 45.88.035   | Limit stop                                        | Spectra/SPE/SPX/ILX 10X                          | 1        |
| 55  | 45.88.045A  | Sole plate                                        | Spectra II/LPM II/SPE II                         | 1        |
| 56  | 45.88.101   | Profile, above 140 mm                             | Spectra/SPE/SPX/ILX 10X                          | 1        |

\*Recommended spare part

## 71.86.850C

### SPE II 10X PRINT MECHANISM, RIGHT PRE-ASSEMBLED

| Pos | Ident-No.  | Description1                     | Description2                                   | Quantity |
|-----|------------|----------------------------------|------------------------------------------------|----------|
| 57  | 46.87.105  | Bearing pillar for label guiding | SPE 10X/SPX/Duoprint 107/LPM II 10X            | 1        |
| 58  | 46.87.110  | Spacer shaft                     | SPE 104/106/108 "SES"/SPX/Duoprint 107/ILX 10X | 1        |
| 59  | 46.87.120  | Brush shaft                      | SPE 10X/SPX/LPM II 10X                         | 1        |
| 60  | 46.88.033A | Transmission shaft               | Spectra II/ILX 10X/SPE II                      | 1        |
| 61  | 46.88.115  | Straight shaft                   | Spectra/SPE/SPX/ILX 10X                        | 1        |
| 62  | 46.88.120  | Ribbon rewinding/unwinding shaft | Spectra/SPE/SPX/Vita/ILX 10X/ALP               | 2        |
| 63  | 47.03.003V | Hexagon nut M3 stainless         |                                                | 5        |
| 64  | 47.03.004V | Hexagon nut M4 stainless         |                                                | 2        |
| 65  | 47.05.001V | Hexagon nut M4 stainless         |                                                | 2        |
| 66  | 47.05.002V | Hexagon nut M5 stainless         |                                                | 8        |
| 67  | 48.02.303V | M3x2 DIN 923                     |                                                | 2        |
| 68  | 48.04.208V | Screw M2x8 stainless             |                                                | 2        |
| 69  | 48.10.005V | Setscrew M4x4 stainless          |                                                | 6        |
| 70  | 48.10.007V | SCREW M3X12 DIN913               |                                                | 9        |
| 71  | 48.10.408V | Setscrew M4x8 stainless          |                                                | 3        |
| 72  | 48.10.412V | Setscrew M4x12 stainless         |                                                | 12       |
| 73  | 48.10.505V | Setscrew M5x5 stainless          |                                                | 1        |
| 74  | 48.13.212  | Screw 22x4.5                     |                                                | 2        |
| 75  | 48.15.304V | Countersunk screw M3x4 stainless |                                                | 2        |
| 76  | 48.16.020  | Knurled knob M3x12               |                                                | 2        |
| 77  | 48.16.306V | Socket cap screw M3x6 stainless  |                                                | 9        |
| 78  | 48.16.314V | SCREW A2                         | M3x14                                          | 2        |
| 79  | 48.16.316V | Socket cap screw M3x16 stainless |                                                | 2        |
| 80  | 48.16.408V | Socket cap screw M4x8 stainless  |                                                | 1        |
| 81  | 48.16.412V | Socket cap screw M4x12 stainless |                                                | 7        |
| 82  | 48.16.430V | Socket cap screw M4x30 stainless |                                                | 2        |
| 83  | 48.16.460V | Socket cap screw M4x60 stainless |                                                | 1        |
| 84  | 48.18.020  | Spring pressure piece            |                                                | 1        |

\*Recommended spare part

## 71.86.850C

### SPE II 10X PRINT MECHANISM, RIGHT PRE-ASSEMBLED

| Pos  | Ident-No.  | Description1                    | Description2                                    | Quantity |
|------|------------|---------------------------------|-------------------------------------------------|----------|
| 85   | 48.19.310V | Socket cap screw M3x10          |                                                 | 1        |
| 86   | 48.19.316V | INBUS M3x16                     |                                                 | 5        |
| 87   | 48.19.416V | HEXAGON SCREW A2 M4X16 DIN7991  |                                                 | 10       |
| 88   | 48.24.304V | Pan screw M3x4                  |                                                 | 2        |
| 89   | 48.24.306V | INBUS A2 STAINLESS M3x6         |                                                 | 11       |
| 90   | 48.24.406V | Pan screw M4x6 stainless        |                                                 | 1        |
| 91   | 48.24.410V | INBUS A2 STAINLESS M4x10        |                                                 | 9        |
| 92   | 48.24.510V | INBUS A2 STAINLESS M5x10        |                                                 | 8        |
| 93   | 48.26.306V | INBUS A2 STAINLESS M3x6         |                                                 | 6        |
| 94   | 48.26.410V | Screw-and-washer assembly M4x10 |                                                 | 14       |
| 95   | 50.01.009V | Lock washer M2 stainless        |                                                 | 2        |
| 96   | 50.01.046V | Lock washer M4 stainless        |                                                 | 6        |
| 97   | 50.01.057V | Washer 3.2 stainless            |                                                 | 4        |
| 98   | 50.01.065V | Lock washer 4.3 stainless       |                                                 | 1        |
| 99   | 50.01.099V | WASHER                          |                                                 | 4        |
| 100  | 50.50.502  | WASHER                          |                                                 | 1        |
| 101  | 50.50.802  | Washer 8x14x0.2                 |                                                 | 1        |
| 102  | 50.50.810  | Washer 8x14x1.0                 |                                                 | 1        |
| 103* | 50.88.001  | Striker arm plate               | Spectra/SPE/SPX/DPM III+IV/Vario II/Vita/FC/ALP | 2        |
| 104  | 52.02.047  | Tension spring                  | Desco/Spectra/SPE/SPX/ILX                       | 1        |
| 105  | 52.02.048  | Tension spring                  | Desco/SPE/ILX 10X/SPE II                        | 2        |
| 106  | 52.04.002  | Cup spring                      |                                                 | 1        |
| 107  | 52.04.004  | Cup spring                      |                                                 | 1        |
| 108* | 52.55.010  | Tension spring                  |                                                 | 1        |
| 109* | 52.88.005  | Compression spring              | Spectra/DPM/SPE/Vario/SPX/Vita/Flexicode/ALP    | 2        |
| 110  | 55.10.001  | Self-adhesive scale             |                                                 | 1        |
| 111* | 57.01.002  | Grooved ball bearing            |                                                 | 1        |
| 112* | 57.01.007  | Grooved ball bearing            |                                                 | 7        |

\*Recommended spare part

## 71.86.850C

### SPE II 10X PRINT MECHANISM, RIGHT PRE-ASSEMBLED

| Pos  | Ident-No.   | Description1                            | Description2                          | Quantity |
|------|-------------|-----------------------------------------|---------------------------------------|----------|
| 113* | 57.01.008   | Grooved ball bearing                    |                                       | 1        |
| 114* | 57.02.105   | Bearing                                 | Spectra                               | 1        |
| 115* | 57.02.108   | Bearing                                 | Spectra                               | 1        |
| 116  | 57.87.001C  | LOCK HINGE                              |                                       | 2        |
| 117  | 59.87.014C  | COGGED BELT DRIVE                       |                                       | 1        |
| 118  | 59.87.015C  | COGGED BELT DRIVE                       |                                       | 3        |
| 119  | 59.87.0281C | COGGED BELT DRIVE                       |                                       | 1        |
| 120  | 59.87.028C  | COGGED BELT DRIVE                       |                                       | 1        |
| 121  | 59.87.354C  | COGGED BELT                             |                                       | 1        |
| 122  | 59.87.471C  | COGGED BELT                             |                                       | 1        |
| 123  | 59.89.0151  | COGGED BELT DRIVE                       |                                       | 1        |
| 124  | 67.79.050   | BRACKET FOR PHOTO CELL                  |                                       | 1        |
| 125  | 67.83.017   | SOLE PLATE                              |                                       | 1        |
| 126  | 67.87.005C  | COVER BEHIND                            | SPE II RIGHT                          | 1        |
| 127  | 67.87.009C  | GUSSET                                  |                                       | 1        |
| 128  | 67.87.027C  | SOLE PLATE BELOW                        | FOR SPE II RIGHT                      | 1        |
| 129  | 67.87.037   | Cross bar, right                        | SPE/SPX/ILX 10X, right                | 1        |
| 130  | 67.87.055C  | SLIDER                                  |                                       | 1        |
| 131  | 67.87.056C  | SLIDER                                  |                                       | 1        |
| 132  | 67.87.102C  | COVER                                   |                                       | 1        |
| 133  | 67.87.112C  | COVER                                   |                                       | 1        |
| 134  | 67.88.030   | Sole plate ribbon rewinder              | Spectra/Spectra II/SPE/Vario/SPX/Vita | 1        |
| 135  | 67.88.065   | Circuit plate                           | Spectra/SPE/SPX                       | 1        |
| 136  | 67.88.080   | Adjusting plate                         | Spectra/SPE/SPX                       | 1        |
| 137* | 70.39.401   | Power electronics                       | Spectra II 216/ILX 10X/APL/SPE II     | 1        |
| 138  | 70.39.713   | DISTRIBUTION BOARD PRINT UNIT           | SPE II                                | 1        |
| 139* | 71.83.019   | Label photocell cpl, transmission above | SPX/ILX/SPE                           | 1        |
| 140  | 71.87.010C  | Stepper motor feed cpl                  | SPE II                                | 1        |

\*Recommended spare part

## 71.86.850C

### SPE II 10X PRINT MECHANISM, RIGHT PRE-ASSEMBLED

| Pos | Ident-No.  | Description1                          | Description2                                   | Quantity |
|-----|------------|---------------------------------------|------------------------------------------------|----------|
| 141 | 71.87.050C | Photocell cpl, length = 210 mm        | SPE II                                         | 1        |
| 142 | 71.87.060C | Cover sensor cpl                      | SPE II                                         | 1        |
| 143 | 71.87.065C | Lighting cpl                          | SPE II                                         | 1        |
| 144 | 72.74.010  | Bearing ring                          | ILX/Spectra II/LPM II/SPE II                   | 1        |
| 145 | 72.79.045  | Backfeed plate cpl                    | Flexicode/Spectra II/LPM II/SPE II             | 1        |
| 146 | 72.87.007C | Carrier plate cpl                     | SPE II 106/SPE II 108/SPE II 162, right        | 1        |
| 147 | 72.87.045C | Toothed belt wheel cpl                | SPE II, right                                  | 1        |
| 148 | 72.87.101C | Ribbon rewinding/unwinding roller cpl | SPE II 10X                                     | 2        |
| 149 | 72.87.120  | Brush shaft cpl                       | SPE 10X/SPX/ILX 10X/LPM II                     | 2        |
| 150 | 72.88.105  | Pressure shaft cpl                    | Spectra 107/108/Duoprint/SPE/SPX/ILX 10X right | 1        |
| 151 | 72.88.115  | Printhead bracket cpl                 | Spectra 108/106/SPE/SPX right/ILX 10X right    | 1        |

\*Recommended spare part

Modifications and errors excepted

SPE II: 06.2023

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## 71.86.703C

SPE II 106-24 "CV" PRINT MECHANISM, RIGHT  
W/O DISPENSER, THERMAL TRANSFER

| Pos | Ident-No.  | Description1                                    | Description2                                       | Quantity |
|-----|------------|-------------------------------------------------|----------------------------------------------------|----------|
| 1   | 28.87.023C | PRINTHEAD CABLE "SIGNAL" SPE II 106             |                                                    | 1        |
| 2   | 28.87.212C | PRINTHEAD CABLE POWER FOR SPE II 160            |                                                    | 1        |
| 3*  | 37.04.2348 | Thermal printhead 106-24                        | Spectra II/SPE II/SPX II/ILX/Compa III             | 1        |
| 4   | 45.83.120  | Interlayer                                      | SPX 106/Spectra II/LPM II 108/ILX 10X/SPE II right | 1        |
| 5   | 45.87.140  | Guiding                                         | SPE 104/SPE 106/SPE 108/SPX/LPM II 108/ILX 10X     | 1        |
| 6   | 48.04.208  | Screw M2x8                                      |                                                    | 3        |
| 7   | 48.10.005V | Setscrew M4x4 stainless                         |                                                    | 1        |
| 8   | 48.16.310V | Socket cap screw M3x10 stainless                |                                                    | 2        |
| 9*  | 48.88.001  | Knurled screw                                   | Spectra/SPE/SPX/ILX 10X                            | 2        |
| 10  | 50.01.009V | Lock washer M2 stainless                        |                                                    | 3        |
| 11  | 71.86.850C | SPE II 10X print mechanism, right pre-assembled |                                                    | 1        |

\*Recommended spare part

Modifications and errors excepted

SPE II: 06.2023

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## 71.86.704C

SPE II 106-12 "CV" PRINT MECHANISM, RIGHT  
W/O DISPENSER, THERMAL TRANSFER

| Pos | Ident-No.  | Description1                                    | Description2                                       | Quantity |
|-----|------------|-------------------------------------------------|----------------------------------------------------|----------|
| 1   | 28.87.023C | PRINthead CABLE "SIGNAL" SPE II 106             |                                                    | 1        |
| 2   | 28.87.212C | PRINthead CABLE POWER FOR SPE II 160            |                                                    | 1        |
| 3*  | 37.04.2318 | Thermal printhead 106-12                        | Spectra II/SPE II/SPX/SPX II/ILX/Compa III         | 1        |
| 4   | 45.83.120  | Interlayer                                      | SPX 106/Spectra II/LPM II 108/ILX 10X/SPE II right | 1        |
| 5   | 45.87.140  | Guiding                                         | SPE 104/SPE 106/SPE 108/SPX/LPM II 108/ILX 10X     | 1        |
| 6   | 48.04.208  | Screw M2x8                                      |                                                    | 3        |
| 7   | 48.10.005V | Setscrew M4x4 stainless                         |                                                    | 1        |
| 8   | 48.16.310V | Socket cap screw M3x10 stainless                |                                                    | 2        |
| 9*  | 48.88.001  | Knurled screw                                   | Spectra/SPE/SPX/ILX 10X                            | 2        |
| 10  | 50.01.009V | Lock washer M2 stainless                        |                                                    | 3        |
| 11  | 71.86.850C | SPE II 10X print mechanism, right pre-assembled |                                                    | 1        |

\*Recommended spare part

## 71.86.707C

SPE II 108-12 "CV" PRINT MECHANISM, RIGHT  
W/O DISPENSER, THERMAL TRANSFER

| Pos | Ident-No.  | Description1                                    | Description2                                   | Quantity |
|-----|------------|-------------------------------------------------|------------------------------------------------|----------|
| 1*  | 28.52.290  | Printhead cable, power supply                   | Compa 162/Compa III 162/SPX 162/ILX/SPE II     | 1        |
| 2   | 28.87.019C | PRINthead CABLE "SIGNAL" SPE II 108             |                                                | 1        |
| 3   | 37.04.1001 | Thermal printhead 108-12                        | Spectra II/SPE II/ LPM II                      | 1        |
| 4   | 45.87.140  | Guiding                                         | SPE 104/SPE 106/SPE 108/SPX/LPM II 108/ILX 10X | 1        |
| 5   | 45.88.121  | Interlayer                                      | Spectra 108/SPE/SPX                            | 1        |
| 6   | 48.04.208  | Screw M2x8                                      |                                                | 3        |
| 7   | 48.10.005V | Setscrew M4x4 stainless                         |                                                | 1        |
| 8   | 48.16.310V | Socket cap screw M3x10 stainless                |                                                | 2        |
| 9*  | 48.88.001  | Knurled screw                                   | Spectra/SPE/SPX/ILX 10X                        | 2        |
| 10  | 50.01.009V | Lock washer M2 stainless                        |                                                | 3        |
| 11  | 71.86.850C | SPE II 10X print mechanism, right pre-assembled |                                                | 1        |

\*Recommended spare part

## 71.86.713C

SPE II 106-24 "CV" PRINT MECHANISM, RIGHT  
WITH DISPENSER, THERMAL TRANSFER

| Pos | Ident-No.  | Description1                              | Description2                    | Quantity |
|-----|------------|-------------------------------------------|---------------------------------|----------|
| 1   | 71.86.590C | Label dispenser mounting kit              | SPE II 10X, right               | 1        |
| 2   | 71.86.703C | SPE II 106-24 "CV" print mechanism, right | w/o dispenser, thermal transfer | 1        |

\*Recommended spare part

Modifications and errors excepted

SPE II: 06.2023

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## 71.86.714C

SPE II 106-12 "CV" PRINT MECHANISM, RIGHT  
WITH DISPENSER, THERMAL TRANSFER

| Pos | Ident-No.  | Description1                              | Description2                    | Quantity |
|-----|------------|-------------------------------------------|---------------------------------|----------|
| 1   | 71.86.590C | Label dispenser mounting kit              | SPE II 10X, right               | 1        |
| 2   | 71.86.704C | SPE II 106-12 "CV" print mechanism, right | w/o dispenser, thermal transfer | 1        |

\*Recommended spare part

Modifications and errors excepted

SPE II: 06.2023

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## 71.86.717C

SPE II 108-12 "CV" PRINT MECHANISM, RIGHT  
WITH DISPENSER, THERMAL TRANSFER

| Pos | Ident-No.  | Description1                              | Description2                    | Quantity |
|-----|------------|-------------------------------------------|---------------------------------|----------|
| 1   | 71.86.590C | Label dispenser mounting kit              | SPE II 10X, right               | 1        |
| 2   | 71.86.707C | SPE II 108-12 "CV" print mechanism, right | w/o dispenser, thermal transfer | 1        |

\*Recommended spare part

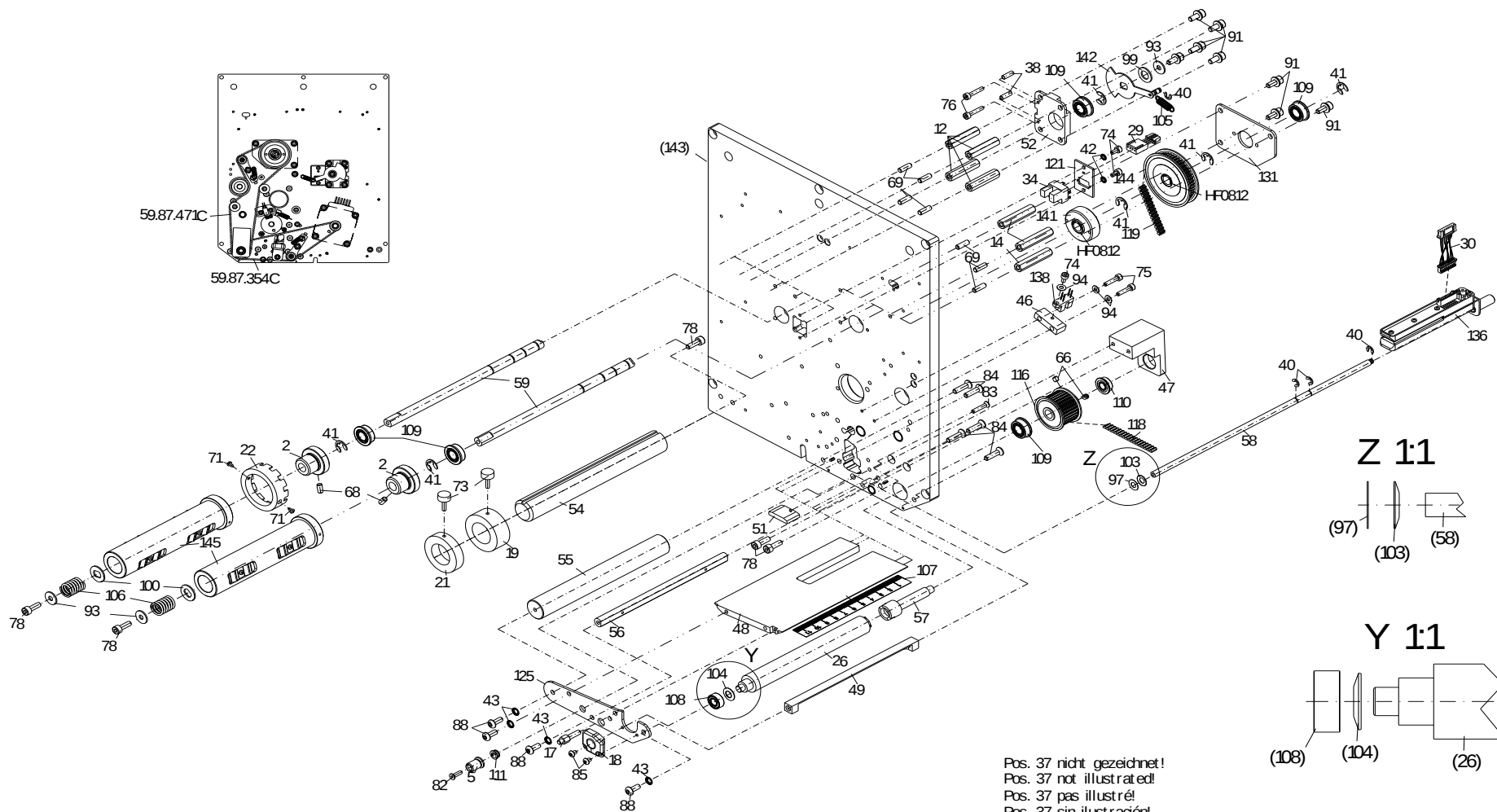
Modifications and errors excepted

SPE II: 06.2023

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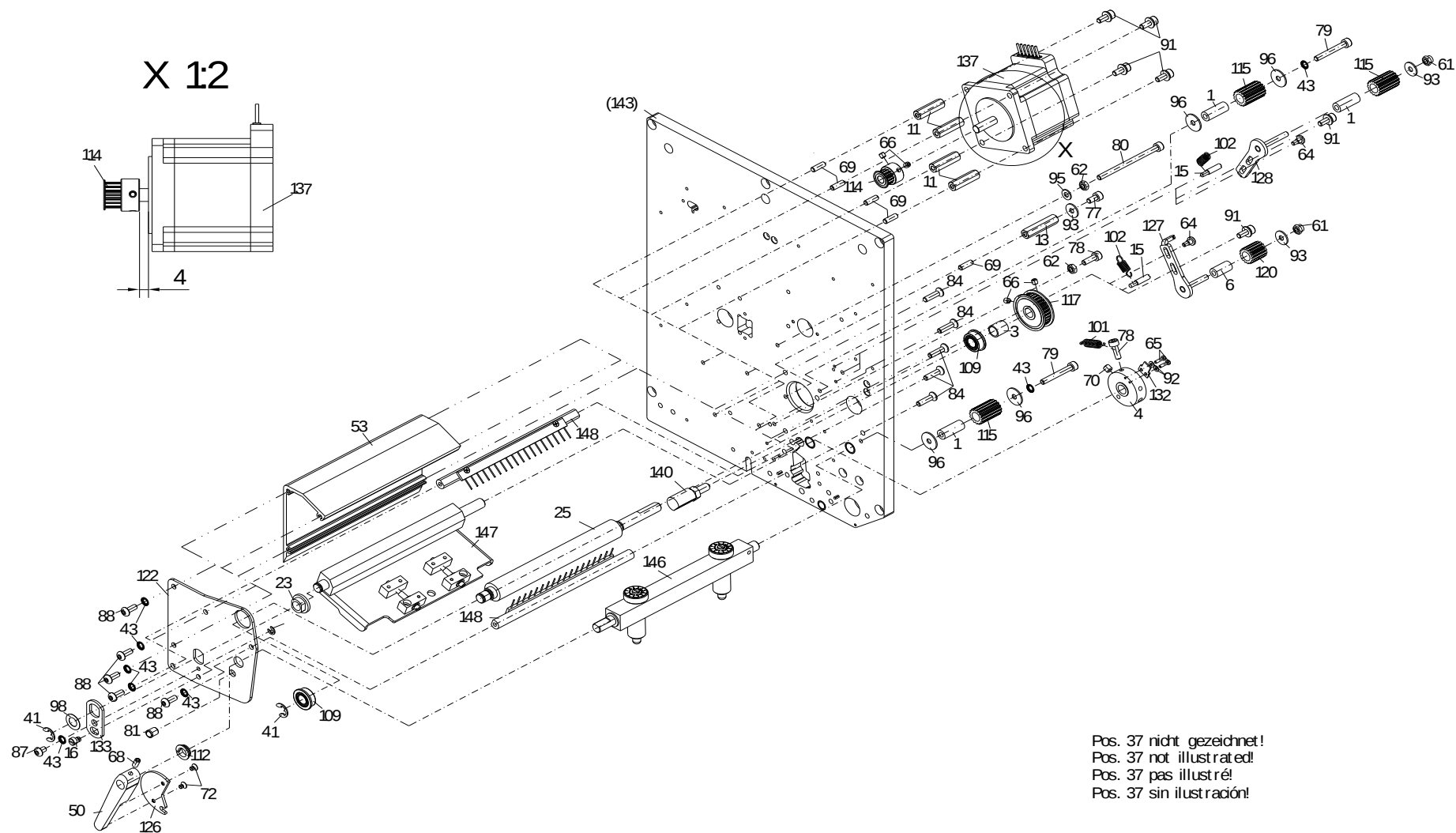
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## SPE II 10X PRINT MECHANISM, LEFT PRE-ASSEMBLED



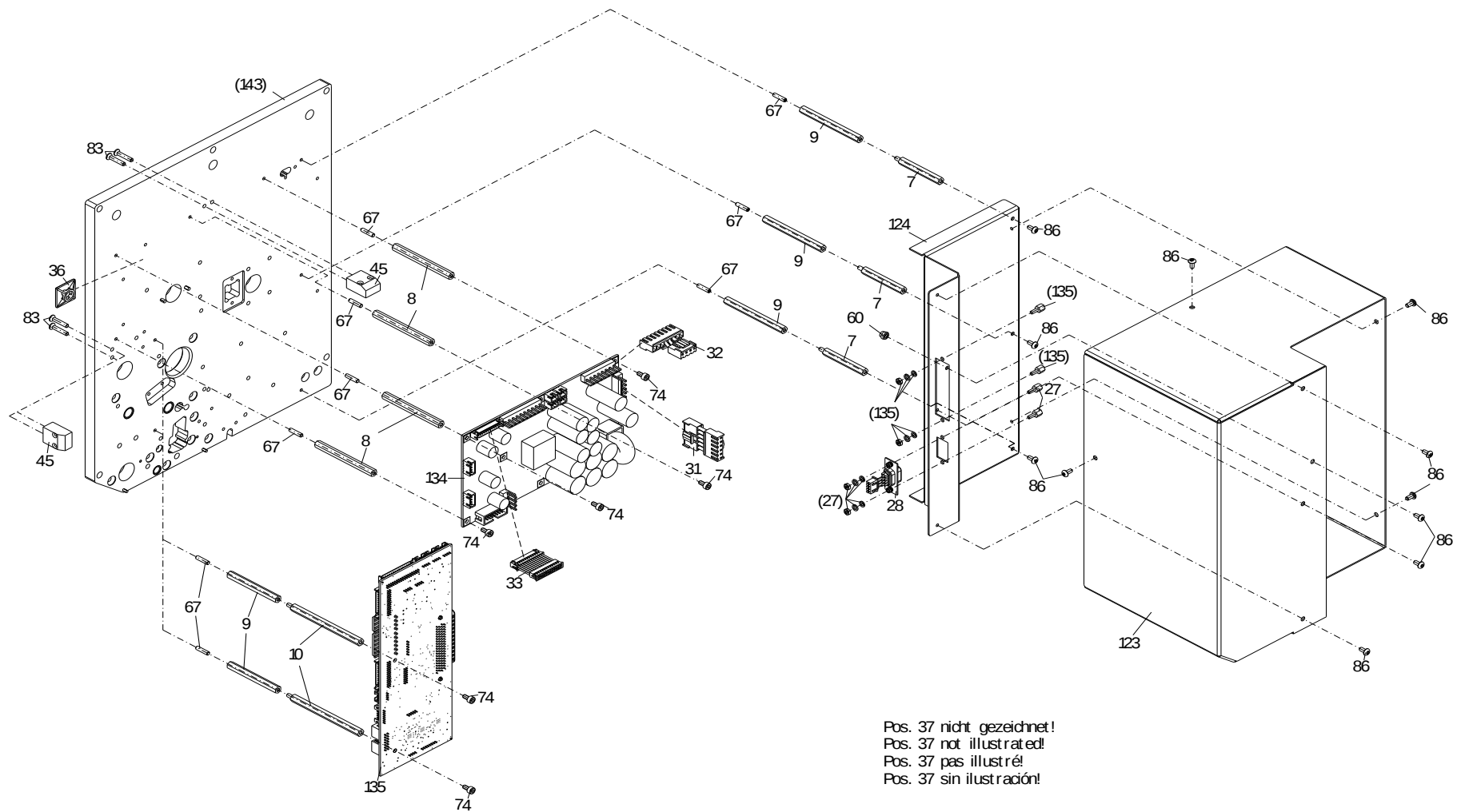
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## SPE II 10X PRINT MECHANISM, LEFT PRE-ASSEMBLED



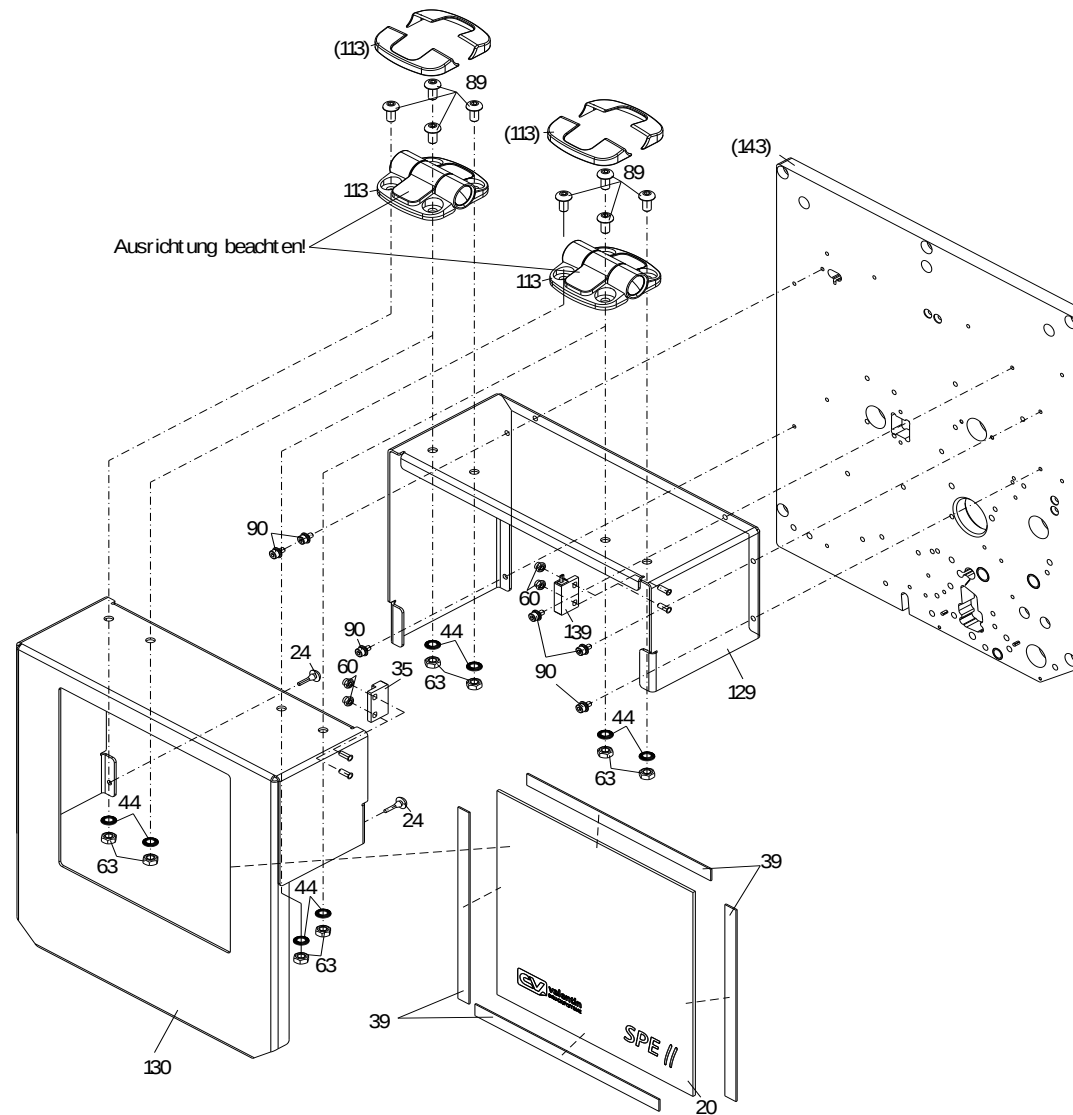
# 71.86.855C

## SPE II 10X PRINT MECHANISM, LEFT PRE-ASSEMBLED



## 71.86.855C

### SPE II 10X PRINT MECHANISM, LEFT PRE-ASSEMBLED



Pos. 37 nicht gezeichnet!  
Pos. 37 not illustrated!  
Pos. 37 pas illustré!  
Pos. 37 sin ilustración!

## 71.86.855C

### SPE II 10X PRINT MECHANISM, LEFT PRE-ASSEMBLED

| Pos | Ident-No.    | Description1            | Description2                                 | Quantity |
|-----|--------------|-------------------------|----------------------------------------------|----------|
| 1   | 10.87.001C   | BUSH BEARING            |                                              | 3        |
| 2   | 10.88.001    | Bearing bush            | Spectra/SPE/DPM/SPX/Vita/Flexicode/ILX/ALP   | 2        |
| 3   | 10.88.015    | Spacer sleeve           | Spectra/SPE/Vario/SPX/Vita                   | 1        |
| 4   | 10.88.025    | Bearing ring            | Spectra/SPE/SPX                              | 1        |
| 5   | 10.88.036    | Knurled knob            | Spectra II/SPE II                            | 1        |
| 6   | 10.89.035    | Bearing bush            | ALP/SPE II                                   | 1        |
| 7   | 12.40.341    | DISTANCE BOLT M3 X 41   |                                              | 3        |
| 8   | 12.40.359    | DISTANCE BOLT M3 X 58,5 |                                              | 4        |
| 9   | 12.40.361    | Distance bolt M3x60     |                                              | 5        |
| 10  | 12.40.370    | Distance bolt M3x70     |                                              | 2        |
| 11  | 12.40.425    | DISTANCE BOLT M4 X 25   |                                              | 4        |
| 12  | 12.40.4308   | Distance bolt M4x30.8   |                                              | 4        |
| 13  | 12.40.431    | DISTANCE BOLT M4 X 30   |                                              | 1        |
| 14  | 12.40.434    | Distance bolt M4x34.8   |                                              | 3        |
| 15  | 12.87.042B-2 | Bearing pin, short      | LPM II "GEA"/SPE II                          | 2        |
| 16* | 12.88.030    | Eccentric pin           | Spectra/SPE/SPX                              | 1        |
| 17  | 12.88.035A   | LOCK PIN                |                                              | 1        |
| 18  | 16.56.045    | Supporting piece        | Vario III/Spectra II/ILX 10X/SPE II          | 1        |
| 19  | 16.74.006    | Label guiding, inside   | ILX 10X/SPE II                               | 1        |
| 20  | 16.87.001C   | WINDOW "CV"             |                                              | 1        |
| 21  | 16.87.005    | Label guiding           | SPE/SPX/Duoprint/ILX                         | 1        |
| 22  | 16.88.055    | Sprocket wheel          | Spectra/SPE/DPM/Vario/SPX/Vita/Flexicode/ALP | 1        |
| 23  | 16.88.070    | Slide bearing           | Spectra/SPE/SPX/ALP                          | 1        |
| 24  | 18.01.030    | MOUNTING FOOT           |                                              | 2        |
| 25* | 18.88.101    | Pressure roller         | Spectra/SPX/Duoprint 107/ILX 10X/SPE         | 1        |
| 26  | 18.88.103A   | Pressure roller         | Spectra II 10X/ILX 10X/SPE II 10X            | 1        |
| 27  | 25.04.100    | SUB-D fixing set        |                                              | 1        |
| 28  | 28.87.002C   | Winder supply line      | SPE II, left                                 | 1        |

\*Recommended spare part

## 71.86.855C

### SPE II 10X PRINT MECHANISM, LEFT PRE-ASSEMBLED

| Pos | Ident-No.   | Description1                                      | Description2                                     | Quantity |
|-----|-------------|---------------------------------------------------|--------------------------------------------------|----------|
| 29  | 28.87.003B  | Connecting cable, encoder-CPU                     | LPM II/SPE II                                    | 1        |
| 30  | 28.87.005C  | Photocell cable, transmission-reflexion photocell | SPE II                                           | 1        |
| 31  | 28.87.0435C | CONNECTING CABLE 48V                              |                                                  | 1        |
| 32  | 28.87.043C  | CONNECTING CABLE 48V                              |                                                  | 1        |
| 33  | 28.87.0445C | CONNECTING CABLE MOTOR SIGNALS SPE II             |                                                  | 1        |
| 34  | 31.03.035   | Photocell                                         |                                                  | 1        |
| 35  | 31.03.220   | Magnet for Reed sensor                            |                                                  | 1        |
| 36  | 35.01.001   | Mounting base self-adhesive 19x19 mm              |                                                  | 1        |
| 37  | 35.01.002   | Cable joint 100x2.5 mm                            |                                                  | 10       |
| 38  | 35.04.004   | Tube 3.2 mm, black                                |                                                  | 0,02m    |
| 39  | 37.68.003   | Double sided adhesive tape 9 mm                   |                                                  | 0,01     |
| 40  | 40.01.003V  | Shaft protection 3.2 mm stainless                 |                                                  | 5        |
| 41  | 40.01.006V  | Shaft protection 6 mm stainless                   |                                                  | 8        |
| 42  | 41.03.003V  | Lock washer M3 stainless                          |                                                  | 2        |
| 43  | 41.03.004V  | Lock washer M4 stainless                          |                                                  | 12       |
| 44  | 41.03.005V  | Lock washer M5 stainless                          |                                                  | 8        |
| 45  | 45.74.010   | Bracket for cover, SRD                            | ILX "SRD"/SPE II                                 | 2        |
| 46  | 45.81.020   | Spacer                                            | Duoprint/SPX II/Spectra II/LPM II/ILX 10X/SPE II | 1        |
| 47  | 45.87.012C  | Bearing for pressure roller                       | SPE II                                           | 1        |
| 48  | 45.87.121   | Intermediate plate, left                          | SPE 104/SPE 106/SPE 107/SPX/LPM II/ILX 10X       | 1        |
| 49  | 45.87.502   | Dispensing pillar short                           | SPE 10X/SPX 10X                                  | 1        |
| 50  | 45.88.026   | PRESSURE LEVER                                    |                                                  | 1        |
| 51  | 45.88.035   | Limit stop                                        | Spectra/SPE/SPX/ILX 10X                          | 1        |
| 52  | 45.88.045A  | Sole plate                                        | Spectra II/LPM II/SPE II                         | 1        |
| 53  | 45.88.101   | Profile, above 140 mm                             | Spectra/SPE/SPX/ILX 10X                          | 1        |
| 54  | 46.87.105   | Bearing pillar for label guiding                  | SPE 10X/SPX/Duoprint 107/LPM II 10X              | 1        |
| 55  | 46.87.110   | Spacer shaft                                      | SPE 104/106/108 "SES"/SPX/Duoprint 107/ILX 10X   | 1        |
| 56  | 46.87.120   | Brush shaft                                       | SPE 10X/SPX/LPM II 10X                           | 1        |

\*Recommended spare part

## 71.86.855C

### SPE II 10X PRINT MECHANISM, LEFT PRE-ASSEMBLED

| Pos | Ident-No.  | Description1                     | Description2                     | Quantity |
|-----|------------|----------------------------------|----------------------------------|----------|
| 57  | 46.88.033A | Transmission shaft               | Spectra II/ILX 10X/SPE II        | 1        |
| 58  | 46.88.115  | Straight shaft                   | Spectra/SPE/SPX/ILX 10X          | 1        |
| 59  | 46.88.120  | Ribbon rewinding/unwinding shaft | Spectra/SPE/SPX/Vita/ILX 10X/ALP | 2        |
| 60  | 47.03.003V | Hexagon nut M3 stainless         |                                  | 5        |
| 61  | 47.03.004V | Hexagon nut M4 stainless         |                                  | 2        |
| 62  | 47.05.001V | Hexagon nut M4 stainless         |                                  | 2        |
| 63  | 47.05.002V | Hexagon nut M5 stainless         |                                  | 8        |
| 64  | 48.02.303V | M3x2 DIN 923                     |                                  | 2        |
| 65  | 48.04.208V | Screw M2x8 stainless             |                                  | 2        |
| 66  | 48.10.005V | Setscrew M4x4 stainless          |                                  | 6        |
| 67  | 48.10.007V | SCREW M3X12 DIN913               |                                  | 9        |
| 68  | 48.10.408V | Setscrew M4x8 stainless          |                                  | 3        |
| 69  | 48.10.412V | Setscrew M4x12 stainless         |                                  | 12       |
| 70  | 48.10.505V | Setscrew M5x5 stainless          |                                  | 1        |
| 71  | 48.13.212  | Screw 22x4.5                     |                                  | 2        |
| 72  | 48.15.304V | Countersunk screw M3x4 stainless |                                  | 2        |
| 73  | 48.16.020  | Knurled knob M3x12               |                                  | 2        |
| 74  | 48.16.306V | Socket cap screw M3x6 stainless  |                                  | 9        |
| 75  | 48.16.314V | SCREW A2                         | M3x14                            | 2        |
| 76  | 48.16.316V | Socket cap screw M3x16 stainless |                                  | 2        |
| 77  | 48.16.408V | Socket cap screw M4x8 stainless  |                                  | 1        |
| 78  | 48.16.412V | Socket cap screw M4x12 stainless |                                  | 7        |
| 79  | 48.16.430V | Socket cap screw M4x30 stainless |                                  | 2        |
| 80  | 48.16.460V | Socket cap screw M4x60 stainless |                                  | 1        |
| 81  | 48.18.020  | Spring pressure piece            |                                  | 1        |
| 82  | 48.19.310V | Socket cap screw M3x10           |                                  | 1        |
| 83  | 48.19.316V | INBUS M3x16                      |                                  | 5        |
| 84  | 48.19.416V | HEXAGON SCREW A2 M4X16 DIN7991   |                                  | 10       |

\*Recommended spare part

## 71.86.855C

### SPE II 10X PRINT MECHANISM, LEFT PRE-ASSEMBLED

| Pos  | Ident-No.  | Description1                    | Description2                                    | Quantity |
|------|------------|---------------------------------|-------------------------------------------------|----------|
| 85   | 48.24.304V | Pan screw M3x4                  |                                                 | 2        |
| 86   | 48.24.306V | INBUS A2 STAINLESS M3x6         |                                                 | 11       |
| 87   | 48.24.406V | Pan screw M4x6 stainless        |                                                 | 1        |
| 88   | 48.24.410V | INBUS A2 STAINLESS M4x10        |                                                 | 9        |
| 89   | 48.24.510V | INBUS A2 STAINLESS M5x10        |                                                 | 8        |
| 90   | 48.26.306V | INBUS A2 STAINLESS M3x6         |                                                 | 6        |
| 91   | 48.26.410V | Screw-and-washer assembly M4x10 |                                                 | 14       |
| 92   | 50.01.009V | Lock washer M2 stainless        |                                                 | 2        |
| 93   | 50.01.046V | Lock washer M4 stainless        |                                                 | 6        |
| 94   | 50.01.057V | Washer 3.2 stainless            |                                                 | 3        |
| 95   | 50.01.065V | Lock washer 4.3 stainless       |                                                 | 1        |
| 96   | 50.01.099V | WASHER                          |                                                 | 4        |
| 97   | 50.50.502  | WASHER                          |                                                 | 1        |
| 98   | 50.50.802  | Washer 8x14x0.2                 |                                                 | 1        |
| 99   | 50.50.810  | Washer 8x14x1.0                 |                                                 | 1        |
| 100* | 50.88.001  | Striker arm plate               | Spectra/SPE/SPX/DPM III+IV/Vario II/Vita/FC/ALP | 2        |
| 101  | 52.02.047  | Tension spring                  | Desco/Spectra/SPE/SPX/ILX                       | 1        |
| 102  | 52.02.048  | Tension spring                  | Desco/SPE/ILX 10X/SPE II                        | 2        |
| 103  | 52.04.002  | Cup spring                      |                                                 | 1        |
| 104  | 52.04.004  | Cup spring                      |                                                 | 1        |
| 105* | 52.55.010  | Tension spring                  |                                                 | 1        |
| 106* | 52.88.005  | Compression spring              | Spectra/DPM/SPE/Vario/SPX/Vita/Flexicode/ALP    | 2        |
| 107  | 55.10.001  | Self-adhesive scale             |                                                 | 1        |
| 108* | 57.01.002  | Grooved ball bearing            |                                                 | 1        |
| 109* | 57.01.007  | Grooved ball bearing            |                                                 | 7        |
| 110* | 57.01.008  | Grooved ball bearing            |                                                 | 1        |
| 111* | 57.02.105  | Bearing                         | Spectra                                         | 1        |
| 112* | 57.02.108  | Bearing                         | Spectra                                         | 1        |

\*Recommended spare part

## 71.86.855C

### SPE II 10X PRINT MECHANISM, LEFT PRE-ASSEMBLED

| Pos  | Ident-No.   | Description1                            | Description2                          | Quantity |
|------|-------------|-----------------------------------------|---------------------------------------|----------|
| 113  | 57.87.001C  | LOCK HINGE                              |                                       | 2        |
| 114  | 59.87.014C  | COGGED BELT DRIVE                       |                                       | 1        |
| 115  | 59.87.015C  | COGGED BELT DRIVE                       |                                       | 3        |
| 116  | 59.87.0281C | COGGED BELT DRIVE                       |                                       | 1        |
| 117  | 59.87.028C  | COGGED BELT DRIVE                       |                                       | 1        |
| 118  | 59.87.354C  | COGGED BELT                             |                                       | 1        |
| 119  | 59.87.471C  | COGGED BELT                             |                                       | 1        |
| 120  | 59.89.0151  | COGGED BELT DRIVE                       |                                       | 1        |
| 121  | 67.79.050   | BRACKET FOR PHOTO CELL                  |                                       | 1        |
| 122  | 67.83.018   | Sole plate above                        | SPX/ILX 10X/SPE II, left              | 1        |
| 123  | 67.87.006C  | COVER BEHIND                            | SPE II LEFT                           | 1        |
| 124  | 67.87.009C  | GUSSET                                  |                                       | 1        |
| 125  | 67.87.028C  | SOLE PLATE BELOW                        | FOR SPE II LEFT                       | 1        |
| 126  | 67.87.038   | Cross bar, left                         | SPE/SPX/ILX 10X/LPM II, left          | 1        |
| 127  | 67.87.055C  | SLIDER                                  |                                       | 1        |
| 128  | 67.87.056C  | SLIDER                                  |                                       | 1        |
| 129  | 67.87.103C  | COVER                                   |                                       | 1        |
| 130  | 67.87.113C  | COVER                                   |                                       | 1        |
| 131  | 67.88.030   | Sole plate ribbon rewinder              | Spectra/Spectra II/SPE/Vario/SPX/Vita | 1        |
| 132  | 67.88.065   | Circuit plate                           | Spectra/SPE/SPX                       | 1        |
| 133  | 67.88.080   | Adjusting plate                         | Spectra/SPE/SPX                       | 1        |
| 134* | 70.39.401   | Power electronics                       | Spectra II 216/ILX 10X/APL/SPE II     | 1        |
| 135  | 70.39.713   | DISTRIBUTION BOARD PRINT UNIT           | SPE II                                | 1        |
| 136* | 71.83.019   | Label photocell cpl, transmission above | SPX/ILX/SPE                           | 1        |
| 137  | 71.87.010C  | Stepper motor feed cpl                  | SPE II                                | 1        |
| 138  | 71.87.050C  | Photocell cpl, length = 210 mm          | SPE II                                | 1        |
| 139  | 71.87.060C  | Cover sensor cpl                        | SPE II                                | 1        |
| 140  | 71.87.065C  | Lighting cpl                            | SPE II                                | 1        |

\*Recommended spare part

## 71.86.855C

### SPE II 10X PRINT MECHANISM, LEFT PRE-ASSEMBLED

| Pos | Ident-No.  | Description1                          | Description2                           | Quantity |
|-----|------------|---------------------------------------|----------------------------------------|----------|
| 141 | 72.74.010  | Bearing ring                          | ILX/Spectra II/LPM II/SPE II           | 1        |
| 142 | 72.79.045  | Backfeed plate cpl                    | Flexicode/Spectra II/LPM II/SPE II     | 1        |
| 143 | 72.87.009C | Carrier plate cpl                     | SPE II 106/SPE II 108/SPE II 162, left | 1        |
| 144 | 72.87.046C | Toothed belt wheel cpl                | SPE II, left                           | 1        |
| 145 | 72.87.101C | Ribbon rewinding/unwinding roller cpl | SPE II 10X                             | 2        |
| 146 | 72.87.106  | Pressure shaft cpl, left side         | SPE/SPX/ILX 10X, left                  | 1        |
| 147 | 72.87.116  | Printhead bracket cpl                 | SPE106/SPX II/ILX 10X/LPM II 108, left | 1        |
| 148 | 72.87.120  | Brush shaft cpl                       | SPE 10X/SPX/ILX 10X/LPM II             | 2        |

\*Recommended spare part

Modifications and errors excepted

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## 71.86.723C

SPE II 106-24 "CV" PRINT MECHANISM, LEFT  
W/O DISPENSER, THERMAL TRANSFER

| Pos | Ident-No.  | Description1                                   | Description2                                   | Quantity |
|-----|------------|------------------------------------------------|------------------------------------------------|----------|
| 1   | 28.87.023C | PRINTHEAD CABLE "SIGNAL" SPE II 106            |                                                | 1        |
| 2   | 28.87.212C | PRINTHEAD CABLE POWER FOR SPE II 160           |                                                | 1        |
| 3*  | 37.04.2348 | Thermal printhead 106-24                       | Spectra II/SPE II/SPX II/ILX/Compa III         | 1        |
| 4   | 45.83.121  | Interlayer                                     | SPX 106/SPE II, left                           | 1        |
| 5   | 45.87.140  | Guiding                                        | SPE 104/SPE 106/SPE 108/SPX/LPM II 108/ILX 10X | 1        |
| 6   | 48.04.208  | Screw M2x8                                     |                                                | 3        |
| 7   | 48.10.005V | Setscrew M4x4 stainless                        |                                                | 1        |
| 8   | 48.16.310V | Socket cap screw M3x10 stainless               |                                                | 2        |
| 9*  | 48.88.001  | Knurled screw                                  | Spectra/SPE/SPX/ILX 10X                        | 2        |
| 10  | 50.01.009V | Lock washer M2 stainless                       |                                                | 3        |
| 11  | 71.86.855C | SPE II 10X print mechanism, left pre-assembled |                                                | 1        |

\*Recommended spare part

## 71.86.724C

SPE II 106-12 "CV" PRINT MECHANISM, LEFT  
W/O DISPENSER, THERMAL TRANSFER

| Pos | Ident-No.  | Description1                                   | Description2                                   | Quantity |
|-----|------------|------------------------------------------------|------------------------------------------------|----------|
| 1   | 28.87.023C | PRINTHEAD CABLE "SIGNAL" SPE II 106            |                                                | 1        |
| 2   | 28.87.212C | PRINTHEAD CABLE POWER FOR SPE II 160           |                                                | 1        |
| 3*  | 37.04.2318 | Thermal printhead 106-12                       | Spectra II/SPE II/SPX/SPX II/ILX/Compa III     | 1        |
| 4   | 45.83.121  | Interlayer                                     | SPX 106/SPE II, left                           | 1        |
| 5   | 45.87.140  | Guiding                                        | SPE 104/SPE 106/SPE 108/SPX/LPM II 108/ILX 10X | 1        |
| 6   | 48.04.208  | Screw M2x8                                     |                                                | 3        |
| 7   | 48.10.005V | Setscrew M4x4 stainless                        |                                                | 1        |
| 8   | 48.16.310V | Socket cap screw M3x10 stainless               |                                                | 2        |
| 9*  | 48.88.001  | Knurled screw                                  | Spectra/SPE/SPX/ILX 10X                        | 2        |
| 10  | 50.01.009V | Lock washer M2 stainless                       |                                                | 3        |
| 11  | 71.86.855C | SPE II 10X print mechanism, left pre-assembled |                                                | 1        |

\*Recommended spare part

Modifications and errors excepted

SPE II: 06.2023

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## 71.86.727C

SPE II 108-12 "CV" PRINT MECHANISM, LEFT  
W/O DISPENSER, THERMAL TRANSFER

| Pos | Ident-No.  | Description1                                   | Description2                                   | Quantity |
|-----|------------|------------------------------------------------|------------------------------------------------|----------|
| 1*  | 28.52.290  | Printhead cable, power supply                  | Compa 162/Compa III 162/SPX 162/ILX/SPE II     | 1        |
| 2   | 28.87.019C | PRINthead CABLE "SIGNAL" SPE II 108            |                                                | 1        |
| 3   | 37.04.1001 | Thermal printhead 108-12                       | Spectra II/SPE II/ LPM II                      | 1        |
| 4   | 45.87.140  | Guiding                                        | SPE 104/SPE 106/SPE 108/SPX/LPM II 108/ILX 10X | 1        |
| 5   | 45.88.121  | Interlayer                                     | Spectra 108/SPE/SPX                            | 1        |
| 6   | 48.04.208  | Screw M2x8                                     |                                                | 3        |
| 7   | 48.10.005V | Setscrew M4x4 stainless                        |                                                | 1        |
| 8   | 48.16.310V | Socket cap screw M3x10 stainless               |                                                | 2        |
| 9*  | 48.88.001  | Knurled screw                                  | Spectra/SPE/SPX/ILX 10X                        | 2        |
| 10  | 50.01.009V | Lock washer M2 stainless                       |                                                | 3        |
| 11  | 71.86.855C | SPE II 10X print mechanism, left pre-assembled |                                                | 1        |

\*Recommended spare part

## 71.86.733C

SPE II 106-24 "CV" PRINT MECHANISM, LEFT  
WITH DISPENSER, THERMAL TRANSFER

| Pos | Ident-No.  | Description1                             | Description2                    | Quantity |
|-----|------------|------------------------------------------|---------------------------------|----------|
| 1   | 71.86.592C | Label dispenser mounting kit             | SPE II 10X, left                | 1        |
| 2   | 71.86.723C | SPE II 106-24 "CV" print mechanism, left | w/o dispenser, thermal transfer | 1        |

\*Recommended spare part

Modifications and errors excepted

SPE II: 06.2023

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## 71.86.734C

SPE II 106-12 "CV" PRINT MECHANISM, LEFT  
WITH DISPENSER, THERMAL TRANSFER

| Pos | Ident-No.  | Description1                             | Description2                    | Quantity |
|-----|------------|------------------------------------------|---------------------------------|----------|
| 1   | 71.86.592C | Label dispenser mounting kit             | SPE II 10X, left                | 1        |
| 2   | 71.86.724C | SPE II 106-12 "CV" print mechanism, left | w/o dispenser, thermal transfer | 1        |

\*Recommended spare part

Modifications and errors excepted

SPE II: 06.2023

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## 71.86.737C

SPE II 108-12 "CV" PRINT MECHANISM, LEFT  
WITH DISPENSER, THERMAL TRANSFER

| Pos | Ident-No.  | Description1                             | Description2                    | Quantity |
|-----|------------|------------------------------------------|---------------------------------|----------|
| 1   | 71.86.592C | Label dispenser mounting kit             | SPE II 10X, left                | 1        |
| 2   | 71.86.727C | SPE II 108-12 "CV" print mechanism, left | w/o dispenser, thermal transfer | 1        |

\*Recommended spare part

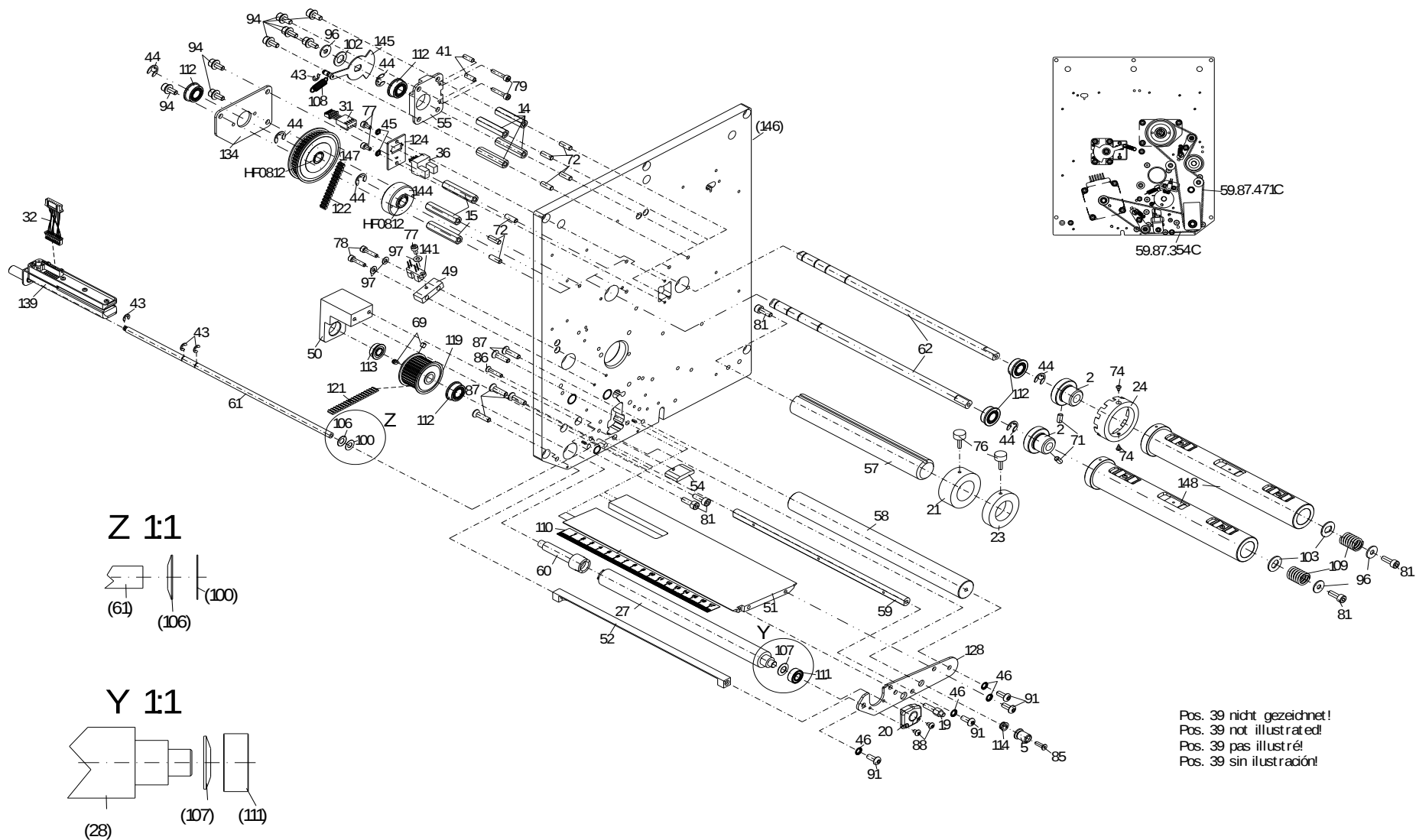
Modifications and errors excepted

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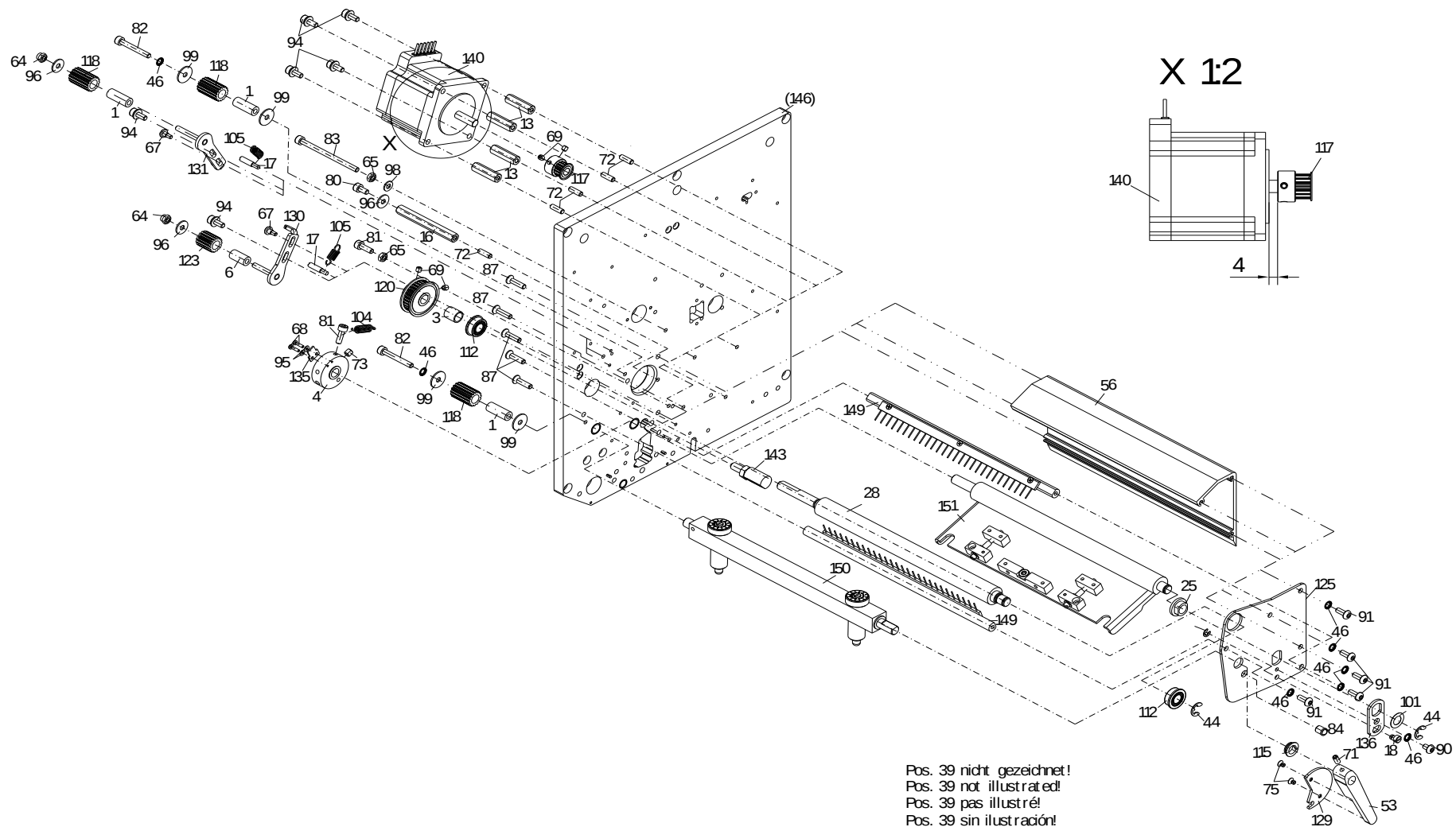
# 71.86.860C

## SPE II 16X PRINT MECHANISM, RIGHT PRE-ASSEMBLED



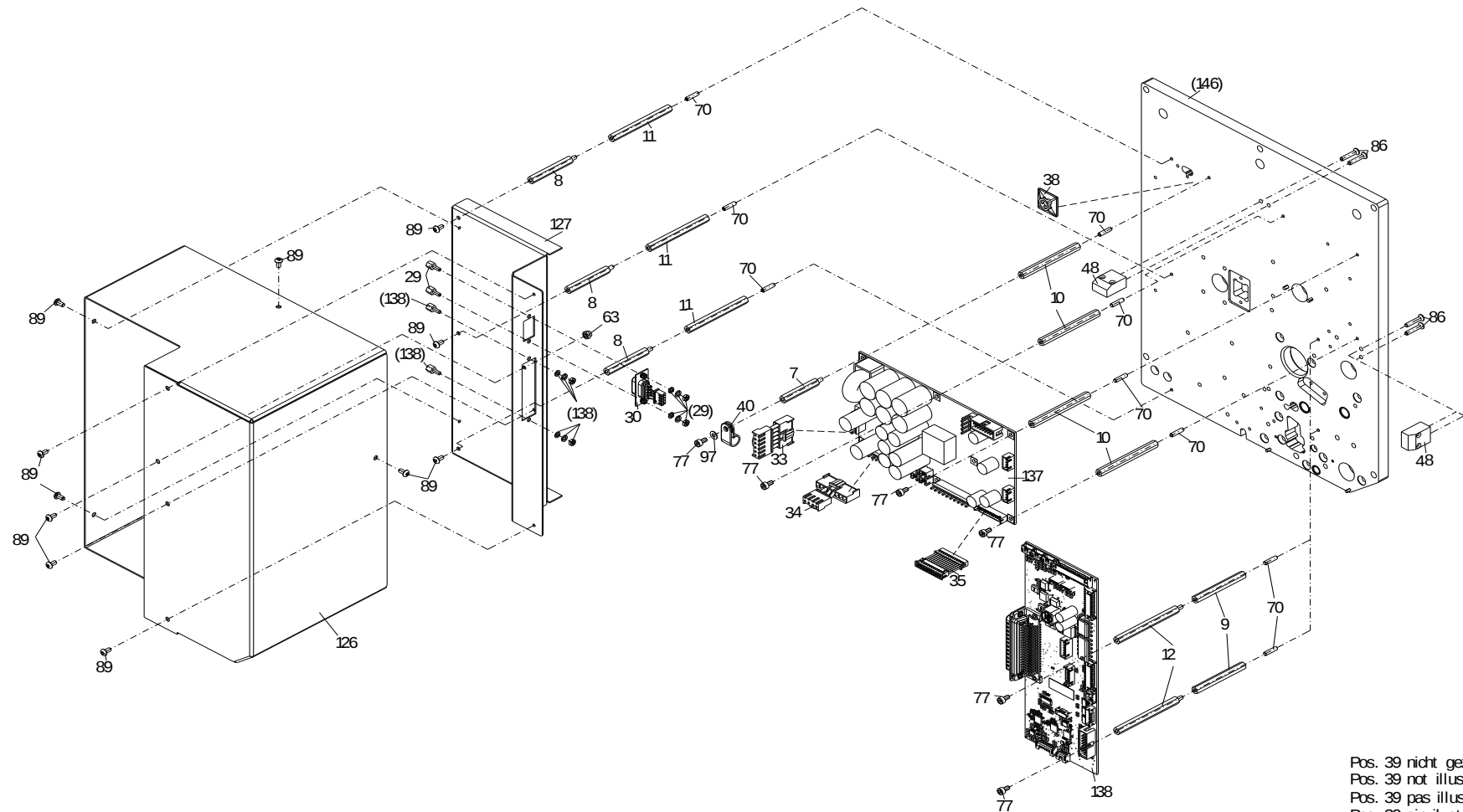
# 71.86.860C

## SPE II 16X PRINT MECHANISM, RIGHT PRE-ASSEMBLED



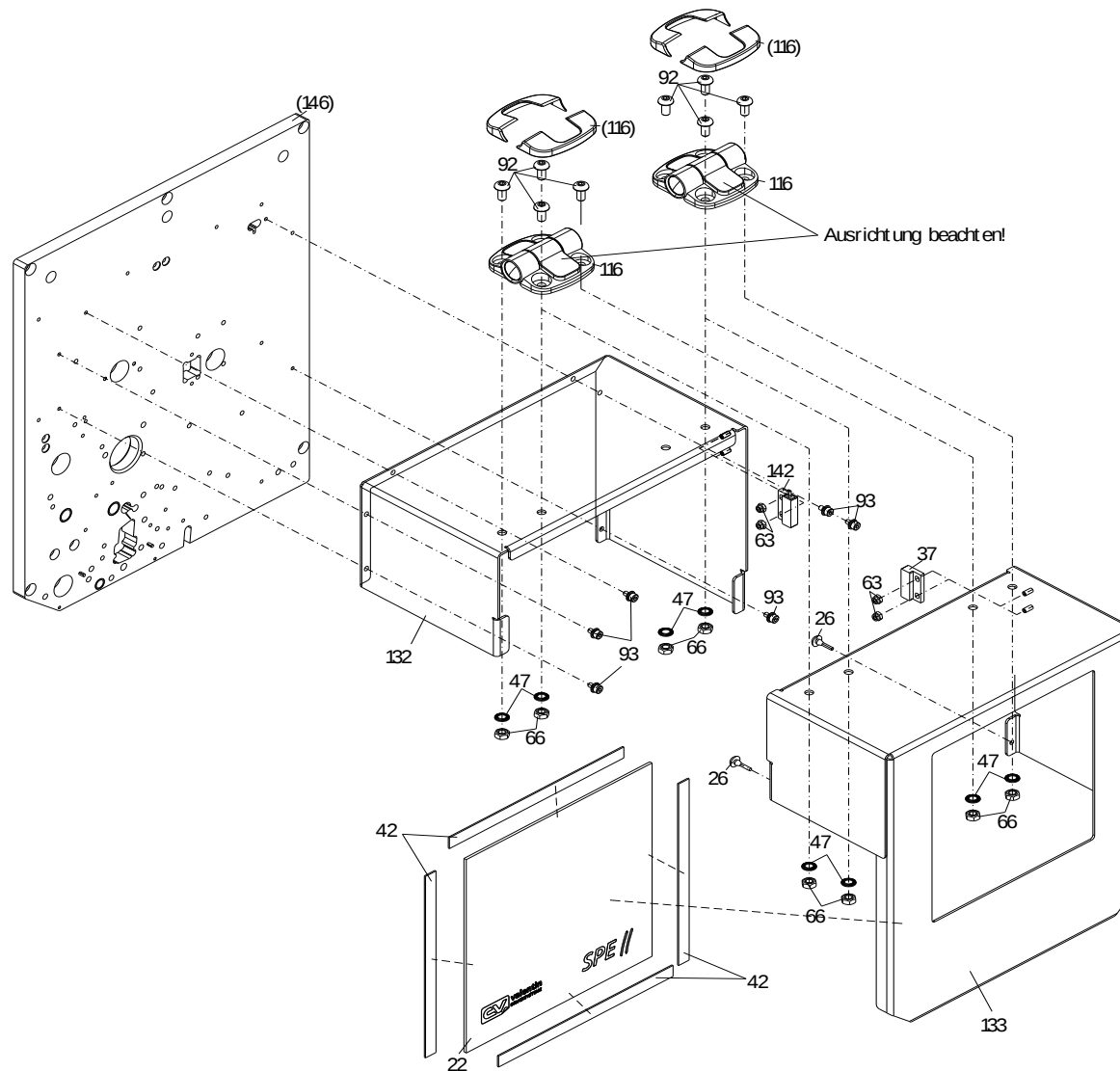
## 71.86.860C

### SPE II 16X PRINT MECHANISM, RIGHT PRE-ASSEMBLED



## 71.86.860C

### SPE II 16X PRINT MECHANISM, RIGHT PRE-ASSEMBLED



## 71.86.860C

### SPE II 16X PRINT MECHANISM, RIGHT PRE-ASSEMBLED

| Pos | Ident-No.    | Description1            | Description2                                 | Quantity |
|-----|--------------|-------------------------|----------------------------------------------|----------|
| 1   | 10.87.001C   | BUSH BEARING            |                                              | 3        |
| 2   | 10.88.001    | Bearing bush            | Spectra/SPE/DPM/SPX/Vita/Flexicode/ILX/ALP   | 2        |
| 3   | 10.88.015    | Spacer sleeve           | Spectra/SPE/Vario/SPX/Vita                   | 1        |
| 4   | 10.88.025    | Bearing ring            | Spectra/SPE/SPX                              | 1        |
| 5   | 10.88.036    | Knurled knob            | Spectra II/SPE II                            | 1        |
| 6   | 10.89.035    | Bearing bush            | ALP/SPE II                                   | 1        |
| 7   | 12.40.335    | Distance bolt M3x35     |                                              | 1        |
| 8   | 12.40.341    | DISTANCE BOLT M3 X 41   |                                              | 3        |
| 9   | 12.40.3501   | DISTANCE BOLT M3x50     |                                              | 2        |
| 10  | 12.40.359    | DISTANCE BOLT M3 X 58,5 |                                              | 4        |
| 11  | 12.40.361    | Distance bolt M3x60     |                                              | 3        |
| 12  | 12.40.362    | DISTANCE BOLT M3 X 62   |                                              | 2        |
| 13  | 12.40.425    | DISTANCE BOLT M4 X 25   |                                              | 4        |
| 14  | 12.40.4308   | Distance bolt M4x30.8   |                                              | 4        |
| 15  | 12.40.434    | Distance bolt M4x34.8   |                                              | 3        |
| 16  | 12.40.460    | DISTANCE BOLT M4 X 60   |                                              | 1        |
| 17  | 12.87.042B-2 | Bearing pin, short      | LPM II "GEA"/SPE II                          | 2        |
| 18* | 12.88.030    | Eccentric pin           | Spectra/SPE/SPX                              | 1        |
| 19  | 12.88.035A   | LOCK PIN                |                                              | 1        |
| 20  | 16.56.045    | Supporting piece        | Vario III/Spectra II/ILX 10X/SPE II          | 1        |
| 21  | 16.74.006    | Label guiding, inside   | ILX 10X/SPE II                               | 1        |
| 22  | 16.87.001C   | WINDOW "CV"             |                                              | 1        |
| 23  | 16.87.005    | Label guiding           | SPE/SPX/Duoprint/ILX                         | 1        |
| 24  | 16.88.055    | Sprocket wheel          | Spectra/SPE/DPM/Vario/SPX/Vita/Flexicode/ALP | 1        |
| 25  | 16.88.070    | Slide bearing           | Spectra/SPE/SPX/ALP                          | 1        |
| 26  | 18.01.030    | MOUNTING FOOT           |                                              | 2        |
| 27  | 18.87.203C   | PRESSURE ROLL           |                                              | 1        |
| 28* | 18.88.201    | Pressure roller         | Duoprint 160/Spectra 162/Spectra 160/SPE     | 1        |

\*Recommended spare part

## 71.86.860C

### SPE II 16X PRINT MECHANISM, RIGHT PRE-ASSEMBLED

| Pos | Ident-No.   | Description1                                      | Description2                                     | Quantity |
|-----|-------------|---------------------------------------------------|--------------------------------------------------|----------|
| 29  | 25.04.100   | SUB-D fixing set                                  |                                                  | 1        |
| 30  | 28.87.001C  | Winder supply line                                | SPE II, right                                    | 1        |
| 31  | 28.87.003B  | Connecting cable, encoder-CPU                     | LPM II/SPE II                                    | 1        |
| 32  | 28.87.005C  | Photocell cable, transmission-reflexion photocell | SPE II                                           | 1        |
| 33  | 28.87.0435C | CONNECTING CABLE 48V                              |                                                  | 1        |
| 34  | 28.87.043C  | CONNECTING CABLE 48V                              |                                                  | 1        |
| 35  | 28.87.0445C | CONNECTING CABLE MOTOR SIGNALS SPE II             |                                                  | 1        |
| 36  | 31.03.035   | Photocell                                         |                                                  | 1        |
| 37  | 31.03.220   | Magnet for Reed sensor                            |                                                  | 1        |
| 38  | 35.01.001   | Mounting base self-adhesive 19x19 mm              |                                                  | 1        |
| 39  | 35.01.002   | Cable joint 100x2.5 mm                            |                                                  | 10       |
| 40  | 35.01.022   | Nylon bracket 7.4-8.4 mm                          |                                                  | 1        |
| 41  | 35.04.004   | Tube 3.2 mm, black                                |                                                  | 0,02m    |
| 42  | 37.68.003   | Double sided adhesive tape 9 mm                   |                                                  | 0,01     |
| 43  | 40.01.003V  | Shaft protection 3.2 mm stainless                 |                                                  | 5        |
| 44  | 40.01.006V  | Shaft protection 6 mm stainless                   |                                                  | 8        |
| 45  | 41.03.003V  | Lock washer M3 stainless                          |                                                  | 2        |
| 46  | 41.03.004V  | Lock washer M4 stainless                          |                                                  | 12       |
| 47  | 41.03.005V  | Lock washer M5 stainless                          |                                                  | 8        |
| 48  | 45.74.010   | Bracket for cover, SRD                            | ILX "SRD"/SPE II                                 | 2        |
| 49  | 45.81.020   | Spacer                                            | Duoprint/SPX II/Spectra II/LPM II/ILX 10X/SPE II | 1        |
| 50  | 45.87.012C  | Bearing for pressure roller                       | SPE II                                           | 1        |
| 51  | 45.87.220   | INTERMEDIATE PLATE                                |                                                  | 1        |
| 52  | 45.87.504   | Dispensing pillar short                           | SPE 16X/SPX 16X                                  | 1        |
| 53  | 45.88.026   | PRESSURE LEVER                                    |                                                  | 1        |
| 54  | 45.88.035   | Limit stop                                        | Spectra/SPE/SPX/ILX 10X                          | 1        |
| 55  | 45.88.045A  | Sole plate                                        | Spectra II/LPM II/SPE II                         | 1        |
| 56  | 45.88.201   | Profile, above 200 mm                             | Spectra 16X/SPE 160/SPX 162/Duoprint 160         | 1        |

\*Recommended spare part

## 71.86.860C

### SPE II 16X PRINT MECHANISM, RIGHT PRE-ASSEMBLED

| Pos | Ident-No.  | Description1                     | Description2                                     | Quantity |
|-----|------------|----------------------------------|--------------------------------------------------|----------|
| 57  | 46.87.205  | Bearing pillar for label guiding | SPE/SPX 162/Duoprint 160/LPM II 16X              | 1        |
| 58  | 46.87.210  | Spacer shaft                     | SPE 162/SPX 162/Duoprint 160                     | 1        |
| 59  | 46.87.220  | Brush shaft                      | SPE 160/SPE 162/SPX 162                          | 1        |
| 60  | 46.88.033A | Transmission shaft               | Spectra II/ILX 10X/SPE II                        | 1        |
| 61  | 46.88.215  | Straight shaft                   | Duoprint 160/LPM II 16X                          | 1        |
| 62  | 46.88.220  | Ribbon rewinding/unwinding shaft | Spectra 16X/SPE 160/SPX 162/Duopr 160/LPM II 16X | 2        |
| 63  | 47.03.003V | Hexagon nut M3 stainless         |                                                  | 5        |
| 64  | 47.03.004V | Hexagon nut M4 stainless         |                                                  | 2        |
| 65  | 47.05.001V | Hexagon nut M4 stainless         |                                                  | 2        |
| 66  | 47.05.002V | Hexagon nut M5 stainless         |                                                  | 8        |
| 67  | 48.02.303V | M3x2 DIN 923                     |                                                  | 2        |
| 68  | 48.04.208V | Screw M2x8 stainless             |                                                  | 2        |
| 69  | 48.10.005V | Setscrew M4x4 stainless          |                                                  | 6        |
| 70  | 48.10.007V | SCREW M3X12 DIN913               |                                                  | 9        |
| 71  | 48.10.408V | Setscrew M4x8 stainless          |                                                  | 3        |
| 72  | 48.10.412V | Setscrew M4x12 stainless         |                                                  | 12       |
| 73  | 48.10.505V | Setscrew M5x5 stainless          |                                                  | 1        |
| 74  | 48.13.212  | Screw 22x4.5                     |                                                  | 2        |
| 75  | 48.15.304V | Countersunk screw M3x4 stainless |                                                  | 2        |
| 76  | 48.16.020  | Knurled knob M3x12               |                                                  | 2        |
| 77  | 48.16.306V | Socket cap screw M3x6 stainless  |                                                  | 9        |
| 78  | 48.16.314V | SCREW A2                         | M3x14                                            | 2        |
| 79  | 48.16.316V | Socket cap screw M3x16 stainless |                                                  | 2        |
| 80  | 48.16.408V | Socket cap screw M4x8 stainless  |                                                  | 1        |
| 81  | 48.16.412V | Socket cap screw M4x12 stainless |                                                  | 7        |
| 82  | 48.16.430V | Socket cap screw M4x30 stainless |                                                  | 2        |
| 83  | 48.16.460V | Socket cap screw M4x60 stainless |                                                  | 1        |
| 84  | 48.18.020  | Spring pressure piece            |                                                  | 1        |

\*Recommended spare part

## 71.86.860C

### SPE II 16X PRINT MECHANISM, RIGHT PRE-ASSEMBLED

| Pos  | Ident-No.  | Description1                    | Description2                                    | Quantity |
|------|------------|---------------------------------|-------------------------------------------------|----------|
| 85   | 48.19.310V | Socket cap screw M3x10          |                                                 | 1        |
| 86   | 48.19.316V | INBUS M3x16                     |                                                 | 5        |
| 87   | 48.19.416V | HEXAGON SCREW A2 M4X16 DIN7991  |                                                 | 10       |
| 88   | 48.24.304V | Pan screw M3x4                  |                                                 | 2        |
| 89   | 48.24.306V | INBUS A2 STAINLESS M3x6         |                                                 | 11       |
| 90   | 48.24.406V | Pan screw M4x6 stainless        |                                                 | 1        |
| 91   | 48.24.410V | INBUS A2 STAINLESS M4x10        |                                                 | 9        |
| 92   | 48.24.510V | INBUS A2 STAINLESS M5x10        |                                                 | 8        |
| 93   | 48.26.306V | INBUS A2 STAINLESS M3x6         |                                                 | 6        |
| 94   | 48.26.410V | Screw-and-washer assembly M4x10 |                                                 | 14       |
| 95   | 50.01.009V | Lock washer M2 stainless        |                                                 | 2        |
| 96   | 50.01.046V | Lock washer M4 stainless        |                                                 | 5        |
| 97   | 50.01.057V | Washer 3.2 stainless            |                                                 | 4        |
| 98   | 50.01.065V | Lock washer 4.3 stainless       |                                                 | 1        |
| 99   | 50.01.099V | WASHER                          |                                                 | 4        |
| 100  | 50.50.502  | WASHER                          |                                                 | 1        |
| 101  | 50.50.802  | Washer 8x14x0.2                 |                                                 | 1        |
| 102  | 50.50.810  | Washer 8x14x1.0                 |                                                 | 1        |
| 103* | 50.88.001  | Striker arm plate               | Spectra/SPE/SPX/DPM III+IV/Vario II/Vita/FC/ALP | 2        |
| 104  | 52.02.047  | Tension spring                  | Desco/Spectra/SPE/SPX/ILX                       | 1        |
| 105  | 52.02.048  | Tension spring                  | Desco/SPE/ILX 10X/SPE II                        | 2        |
| 106  | 52.04.002  | Cup spring                      |                                                 | 1        |
| 107  | 52.04.004  | Cup spring                      |                                                 | 1        |
| 108* | 52.55.010  | Tension spring                  |                                                 | 1        |
| 109* | 52.88.005  | Compression spring              | Spectra/DPM/SPE/Vario/SPX/Vita/Flexicode/ALP    | 2        |
| 110  | 55.10.001  | Self-adhesive scale             |                                                 | 1        |
| 111* | 57.01.002  | Grooved ball bearing            |                                                 | 1        |
| 112* | 57.01.007  | Grooved ball bearing            |                                                 | 7        |

\*Recommended spare part

## 71.86.860C

### SPE II 16X PRINT MECHANISM, RIGHT PRE-ASSEMBLED

| Pos  | Ident-No.   | Description1                            | Description2                          | Quantity |
|------|-------------|-----------------------------------------|---------------------------------------|----------|
| 113* | 57.01.008   | Grooved ball bearing                    |                                       | 1        |
| 114* | 57.02.105   | Bearing                                 | Spectra                               | 1        |
| 115* | 57.02.108   | Bearing                                 | Spectra                               | 1        |
| 116  | 57.87.001C  | LOCK HINGE                              |                                       | 2        |
| 117  | 59.87.014C  | COGGED BELT DRIVE                       |                                       | 1        |
| 118  | 59.87.015C  | COGGED BELT DRIVE                       |                                       | 3        |
| 119  | 59.87.0281C | COGGED BELT DRIVE                       |                                       | 1        |
| 120  | 59.87.028C  | COGGED BELT DRIVE                       |                                       | 1        |
| 121  | 59.87.354C  | COGGED BELT                             |                                       | 1        |
| 122  | 59.87.471C  | COGGED BELT                             |                                       | 1        |
| 123  | 59.89.0151  | COGGED BELT DRIVE                       |                                       | 1        |
| 124  | 67.79.050   | BRACKET FOR PHOTO CELL                  |                                       | 1        |
| 125  | 67.83.017   | SOLE PLATE                              |                                       | 1        |
| 126  | 67.87.005C  | COVER BEHIND                            | SPE II RIGHT                          | 1        |
| 127  | 67.87.009C  | GUSSET                                  |                                       | 1        |
| 128  | 67.87.027C  | SOLE PLATE BELOW                        | FOR SPE II RIGHT                      | 1        |
| 129  | 67.87.037   | Cross bar, right                        | SPE/SPX/ILX 10X, right                | 1        |
| 130  | 67.87.055C  | SLIDER                                  |                                       | 1        |
| 131  | 67.87.056C  | SLIDER                                  |                                       | 1        |
| 132  | 67.87.202C  | COVER                                   |                                       | 1        |
| 133  | 67.87.212C  | COVER                                   |                                       | 1        |
| 134  | 67.88.030   | Sole plate ribbon rewinder              | Spectra/Spectra II/SPE/Vario/SPX/Vita | 1        |
| 135  | 67.88.065   | Circuit plate                           | Spectra/SPE/SPX                       | 1        |
| 136  | 67.88.080   | Adjusting plate                         | Spectra/SPE/SPX                       | 1        |
| 137* | 70.39.401   | Power electronics                       | Spectra II 216/ILX 10X/APL/SPE II     | 1        |
| 138  | 70.39.713   | DISTRIBUTION BOARD PRINT UNIT           | SPE II                                | 1        |
| 139* | 71.83.019   | Label photocell cpl, transmission above | SPX/ILX/SPE                           | 1        |
| 140  | 71.87.010C  | Stepper motor feed cpl                  | SPE II                                | 1        |

\*Recommended spare part

## 71.86.860C

### SPE II 16X PRINT MECHANISM, RIGHT PRE-ASSEMBLED

| Pos | Ident-No.  | Description1                        | Description2                            | Quantity |
|-----|------------|-------------------------------------|-----------------------------------------|----------|
| 141 | 71.87.050C | Photocell cpl, length = 210 mm      | SPE II                                  | 1        |
| 142 | 71.87.060C | Cover sensor cpl                    | SPE II                                  | 1        |
| 143 | 71.87.065C | Lighting cpl                        | SPE II                                  | 1        |
| 144 | 72.74.010  | Bearing ring                        | ILX/Spectra II/LPM II/SPE II            | 1        |
| 145 | 72.79.045  | Backfeed plate cpl                  | Flexicode/Spectra II/LPM II/SPE II      | 1        |
| 146 | 72.87.007C | Carrier plate cpl                   | SPE II 106/SPE II 108/SPE II 162, right | 1        |
| 147 | 72.87.045C | Toothed belt wheel cpl              | SPE II, right                           | 1        |
| 148 | 72.87.201C | Ribbon rewinder/unwinder roller cpl | SPE II 16X                              | 2        |
| 149 | 72.87.220  | Brush shaft cpl                     | SPE 160/SPE 162/SPX 162/LPM II 16X      | 2        |
| 150 | 72.88.205  | Pressure shaft KF cpl               | Spectra 162/SPE 162/SPX 162 right       | 1        |
| 151 | 72.88.215  | Printhead bracket                   | Spectra 162/SPE 162/SPX 162 right       | 1        |

\*Recommended spare part

Modifications and errors excepted

SPE II: 06.2023

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## 71.86.801C

SPE II 162-12 "CV" PRINT MECHANISM, RIGHT  
W/O DISPENSER, THERMAL TRANSFER

| Pos | Ident-No.  | Description1                                    | Description2             | Quantity |
|-----|------------|-------------------------------------------------|--------------------------|----------|
| 1   | 28.87.021C | PRINthead CABLE "SIGNAL" SPE II 162             |                          | 1        |
| 2   | 28.87.216C | PRINthead CABLE POWER SPE II 162                |                          | 1        |
| 3   | 37.04.1621 | Thermal printhead 162-12                        | Spectra II/SPE II/LPM II | 1        |
| 4   | 45.87.240  | Guiding                                         | SPE 162/SPX II 162       | 1        |
| 5   | 45.88.221  | Interlayer                                      | Spectra 162/SPE/SPX 162  | 1        |
| 6   | 48.04.208  | Screw M2x8                                      |                          | 3        |
| 7   | 48.16.310V | Socket cap screw M3x10 stainless                |                          | 2        |
| 8*  | 48.88.001  | Knurled screw                                   | Spectra/SPE/SPX/ILX 10X  | 2        |
| 9   | 71.86.860C | SPE II 16X print mechanism, right pre-assembled |                          | 1        |

\*Recommended spare part

Modifications and errors excepted

SPE II: 06.2023

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## 71.86.811C

SPE II 162-12 "CV" PRINT MECHANISM, RIGHT  
WITH DISPENSER, THERMAL TRANSFER

| Pos | Ident-No.  | Description1                              | Description2                    | Quantity |
|-----|------------|-------------------------------------------|---------------------------------|----------|
| 1   | 71.86.595C | Label dispenser mounting kit              | SPE II 16X, right               | 1        |
| 2   | 71.86.801C | SPE II 162-12 "CV" print mechanism, right | w/o dispenser, thermal transfer | 1        |

\*Recommended spare part

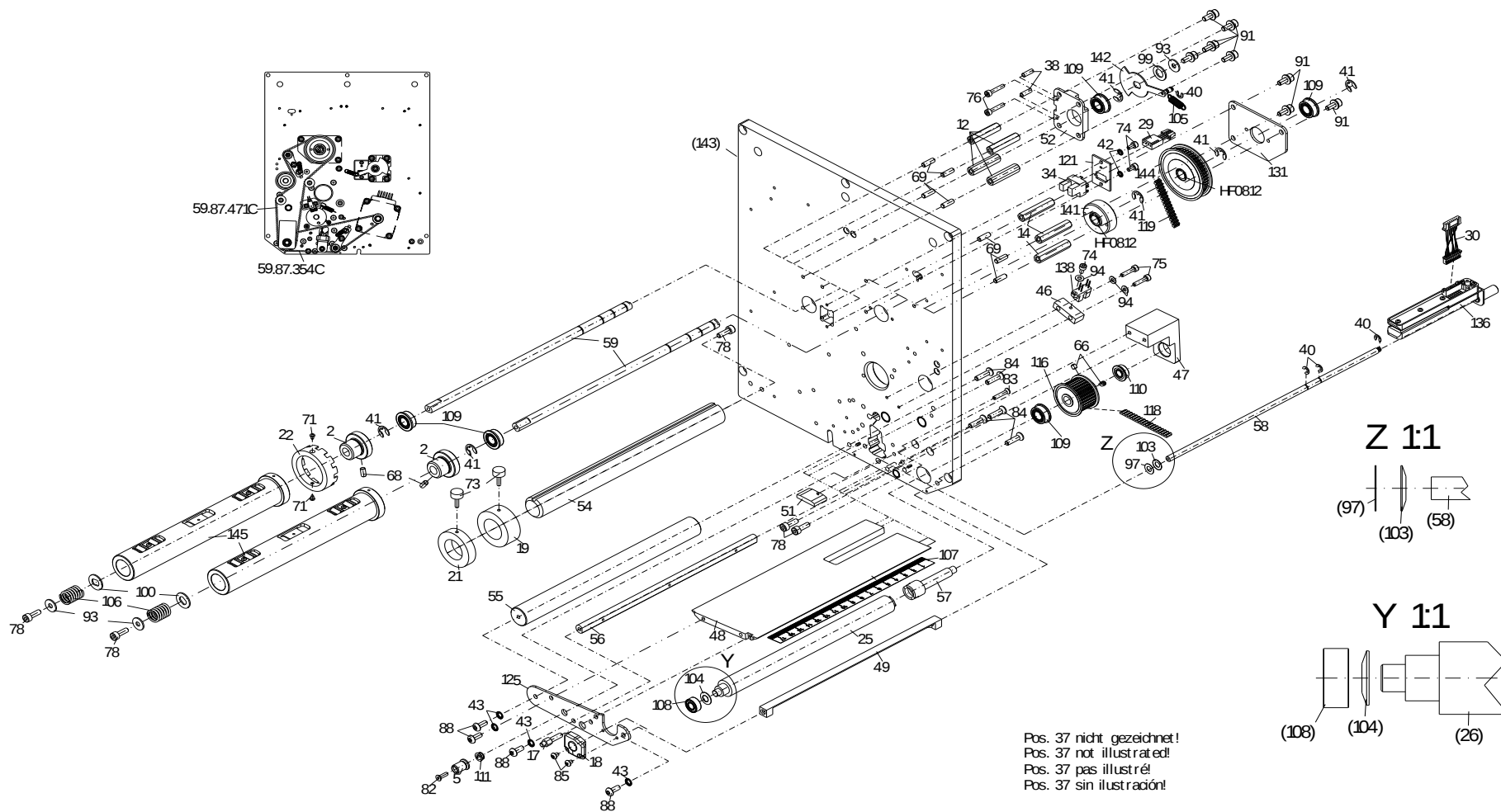
Modifications and errors excepted

SPE II: 06.2023

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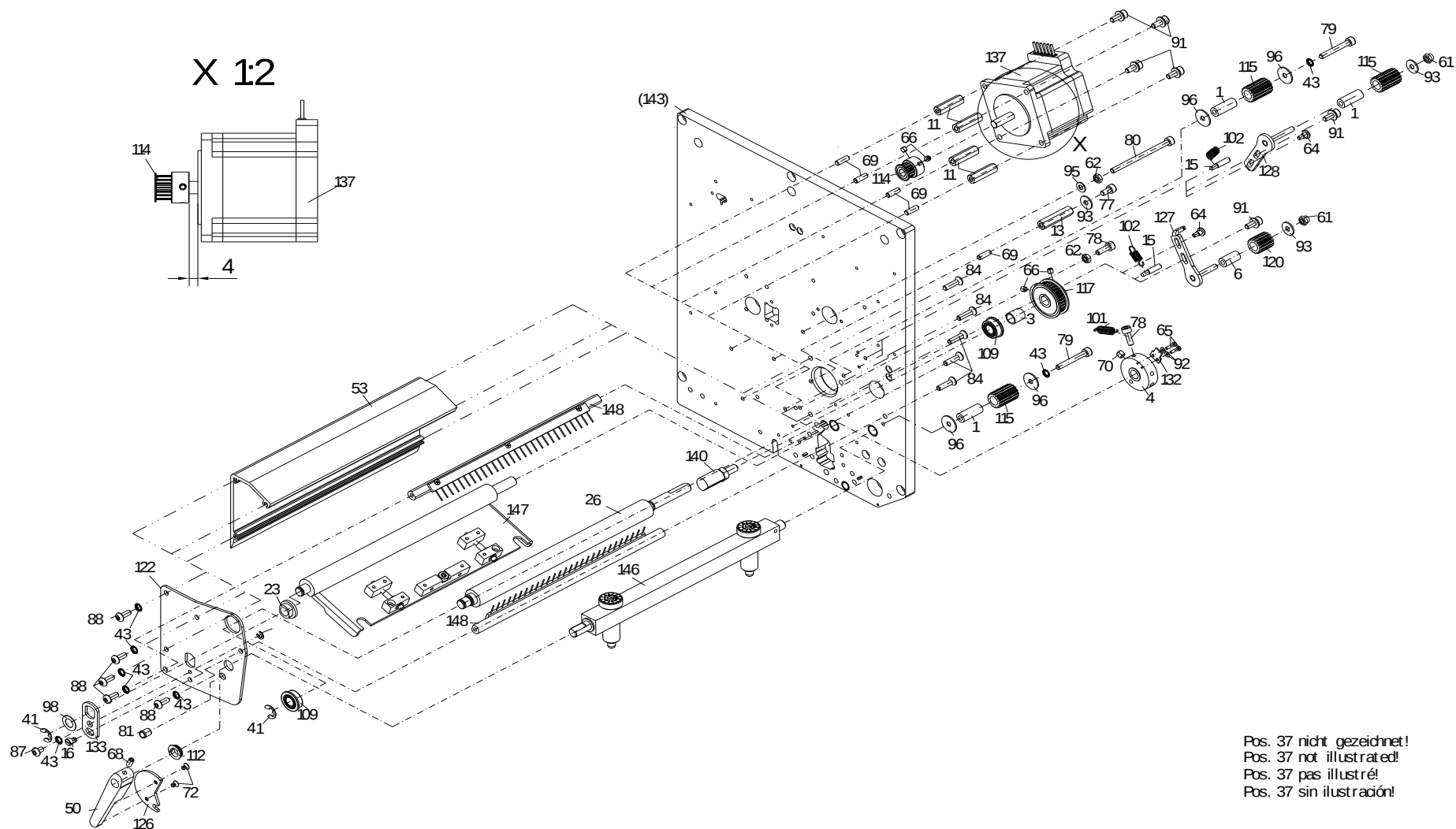
# 71.86.865C

## SPE II 16X PRINT MECHANISM, LEFT PRE-ASSEMBLED

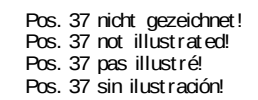


# 71.86.865C

## SPE II 16X PRINT MECHANISM, LEFT PRE-ASSEMBLED

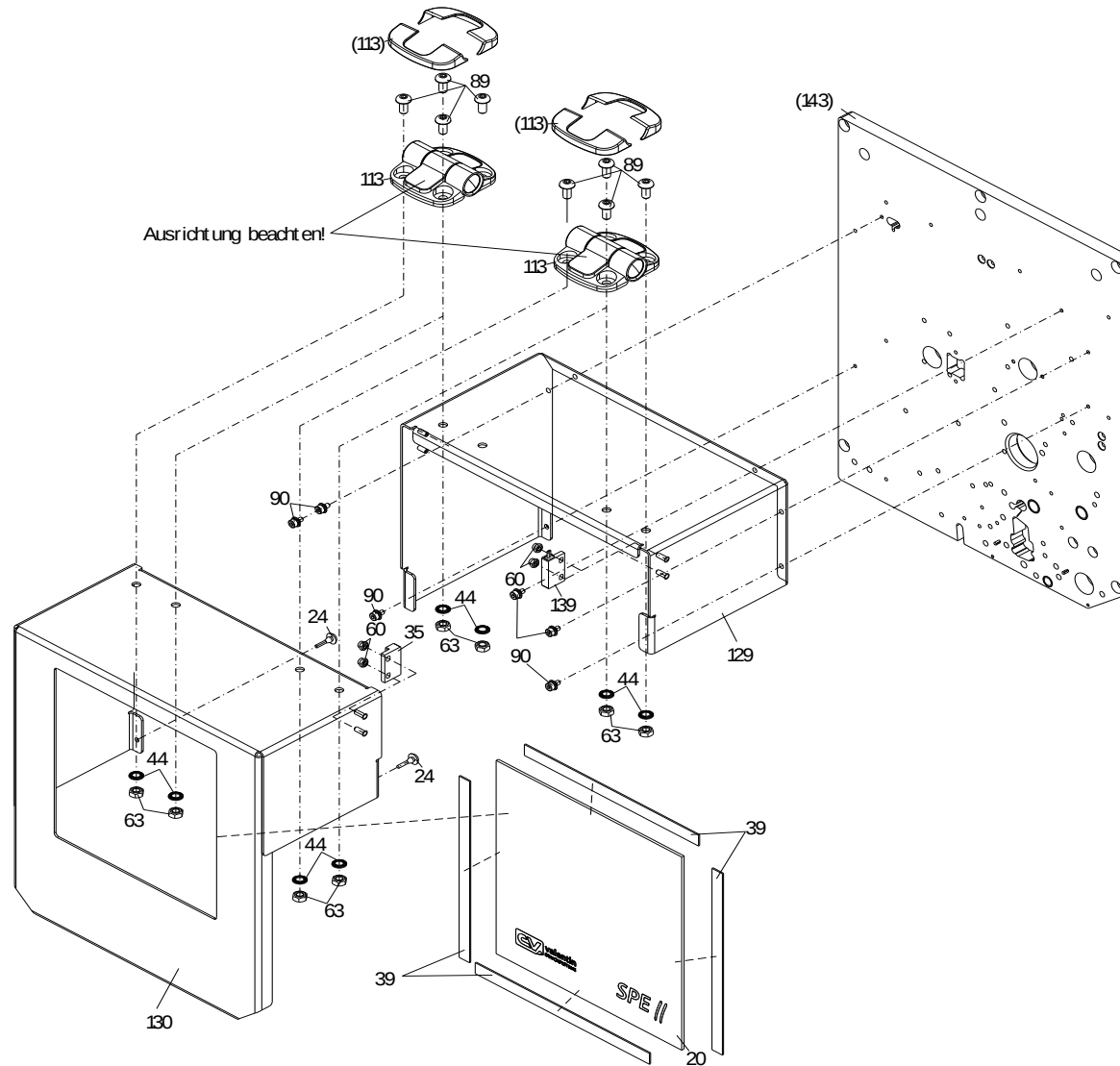


**SPE II 16X PRINT MECHANISM, LEFT PRE-ASSEMBLED**



# 71.86.865C

## SPE II 16X PRINT MECHANISM, LEFT PRE-ASSEMBLED



Pos. 37 nicht gezeichnet!  
 Pos. 37 not illustrated!  
 Pos. 37 pas illustré!  
 Pos. 37 sin ilustración!

## 71.86.865C

### SPE II 16X PRINT MECHANISM, LEFT PRE-ASSEMBLED

| Pos | Ident-No.    | Description1            | Description2                                 | Quantity |
|-----|--------------|-------------------------|----------------------------------------------|----------|
| 1   | 10.87.001C   | BUSH BEARING            |                                              | 3        |
| 2   | 10.88.001    | Bearing bush            | Spectra/SPE/DPM/SPX/Vita/Flexicode/ILX/ALP   | 2        |
| 3   | 10.88.015    | Spacer sleeve           | Spectra/SPE/Vario/SPX/Vita                   | 1        |
| 4   | 10.88.025    | Bearing ring            | Spectra/SPE/SPX                              | 1        |
| 5   | 10.88.036    | Knurled knob            | Spectra II/SPE II                            | 1        |
| 6   | 10.89.035    | Bearing bush            | ALP/SPE II                                   | 1        |
| 7   | 12.40.341    | DISTANCE BOLT M3 X 41   |                                              | 3        |
| 8   | 12.40.359    | DISTANCE BOLT M3 X 58,5 |                                              | 4        |
| 9   | 12.40.361    | Distance bolt M3x60     |                                              | 5        |
| 10  | 12.40.370    | Distance bolt M3x70     |                                              | 2        |
| 11  | 12.40.425    | DISTANCE BOLT M4 X 25   |                                              | 4        |
| 12  | 12.40.4308   | Distance bolt M4x30.8   |                                              | 4        |
| 13  | 12.40.431    | DISTANCE BOLT M4 X 30   |                                              | 1        |
| 14  | 12.40.434    | Distance bolt M4x34.8   |                                              | 3        |
| 15  | 12.87.042B-2 | Bearing pin, short      | LPM II "GEA"/SPE II                          | 2        |
| 16* | 12.88.030    | Eccentric pin           | Spectra/SPE/SPX                              | 1        |
| 17  | 12.88.035A   | LOCK PIN                |                                              | 1        |
| 18  | 16.56.045    | Supporting piece        | Vario III/Spectra II/ILX 10X/SPE II          | 1        |
| 19  | 16.74.006    | Label guiding, inside   | ILX 10X/SPE II                               | 1        |
| 20  | 16.87.001C   | WINDOW "CV"             |                                              | 1        |
| 21  | 16.87.005    | Label guiding           | SPE/SPX/Duoprint/ILX                         | 1        |
| 22  | 16.88.055    | Sprocket wheel          | Spectra/SPE/DPM/Vario/SPX/Vita/Flexicode/ALP | 1        |
| 23  | 16.88.070    | Slide bearing           | Spectra/SPE/SPX/ALP                          | 1        |
| 24  | 18.01.030    | MOUNTING FOOT           |                                              | 2        |
| 25  | 18.87.203C   | PRESSURE ROLL           |                                              | 1        |
| 26* | 18.88.201    | Pressure roller         | Duoprint 160/Spectra 162/Spectra 160/SPE     | 1        |
| 27  | 25.04.100    | SUB-D fixing set        |                                              | 1        |
| 28  | 28.87.002C   | Winder supply line      | SPE II, left                                 | 1        |

\*Recommended spare part

## 71.86.865C

### SPE II 16X PRINT MECHANISM, LEFT PRE-ASSEMBLED

| Pos | Ident-No.   | Description1                                      | Description2                                     | Quantity |
|-----|-------------|---------------------------------------------------|--------------------------------------------------|----------|
| 29  | 28.87.003B  | Connecting cable, encoder-CPU                     | LPM II/SPE II                                    | 1        |
| 30  | 28.87.005C  | Photocell cable, transmission-reflexion photocell | SPE II                                           | 1        |
| 31  | 28.87.0435C | CONNECTING CABLE 48V                              |                                                  | 1        |
| 32  | 28.87.043C  | CONNECTING CABLE 48V                              |                                                  | 1        |
| 33  | 28.87.0445C | CONNECTING CABLE MOTOR SIGNALS SPE II             |                                                  | 1        |
| 34  | 31.03.035   | Photocell                                         |                                                  | 1        |
| 35  | 31.03.220   | Magnet for Reed sensor                            |                                                  | 1        |
| 36  | 35.01.001   | Mounting base self-adhesive 19x19 mm              |                                                  | 1        |
| 37  | 35.01.002   | Cable joint 100x2.5 mm                            |                                                  | 10       |
| 38  | 35.04.004   | Tube 3.2 mm, black                                |                                                  | 0,02m    |
| 39  | 37.68.003   | Double sided adhesive tape 9 mm                   |                                                  | 0,01     |
| 40  | 40.01.003V  | Shaft protection 3.2 mm stainless                 |                                                  | 5        |
| 41  | 40.01.006V  | Shaft protection 6 mm stainless                   |                                                  | 8        |
| 42  | 41.03.003V  | Lock washer M3 stainless                          |                                                  | 2        |
| 43  | 41.03.004V  | Lock washer M4 stainless                          |                                                  | 12       |
| 44  | 41.03.005V  | Lock washer M5 stainless                          |                                                  | 8        |
| 45  | 45.74.010   | Bracket for cover, SRD                            | ILX "SRD"/SPE II                                 | 2        |
| 46  | 45.81.020   | Spacer                                            | Duoprint/SPX II/Spectra II/LPM II/ILX 10X/SPE II | 1        |
| 47  | 45.87.012C  | Bearing for pressure roller                       | SPE II                                           | 1        |
| 48  | 45.87.221   | INTERMEDIATE PLATE                                |                                                  | 1        |
| 49  | 45.87.504   | Dispensing pillar short                           | SPE 16X/SPX 16X                                  | 1        |
| 50  | 45.88.026   | PRESSURE LEVER                                    |                                                  | 1        |
| 51  | 45.88.035   | Limit stop                                        | Spectra/SPE/SPX/ILX 10X                          | 1        |
| 52  | 45.88.045A  | Sole plate                                        | Spectra II/LPM II/SPE II                         | 1        |
| 53  | 45.88.201   | Profile, above 200 mm                             | Spectra 16X/SPE 160/SPX 162/Duoprint 160         | 1        |
| 54  | 46.87.205   | Bearing pillar for label guiding                  | SPE/SPX 162/Duoprint 160/LPM II 16X              | 1        |
| 55  | 46.87.210   | Spacer shaft                                      | SPE 162/SPX 162/Duoprint 160                     | 1        |
| 56  | 46.87.220   | Brush shaft                                       | SPE 160/SPE 162/SPX 162                          | 1        |

\*Recommended spare part

## 71.86.865C

### SPE II 16X PRINT MECHANISM, LEFT PRE-ASSEMBLED

| Pos | Ident-No.  | Description1                     | Description2                                     | Quantity |
|-----|------------|----------------------------------|--------------------------------------------------|----------|
| 57  | 46.88.033A | Transmission shaft               | Spectra II/ILX 10X/SPE II                        | 1        |
| 58  | 46.88.215  | Straight shaft                   | Duoprint 160/LPM II 16X                          | 1        |
| 59  | 46.88.220  | Ribbon rewinding/unwinding shaft | Spectra 16X/SPE 160/SPX 162/Duopr 160/LPM II 16X | 2        |
| 60  | 47.03.003V | Hexagon nut M3 stainless         |                                                  | 5        |
| 61  | 47.03.004V | Hexagon nut M4 stainless         |                                                  | 2        |
| 62  | 47.05.001V | Hexagon nut M4 stainless         |                                                  | 2        |
| 63  | 47.05.002V | Hexagon nut M5 stainless         |                                                  | 8        |
| 64  | 48.02.303V | M3x2 DIN 923                     |                                                  | 2        |
| 65  | 48.04.208V | Screw M2x8 stainless             |                                                  | 2        |
| 66  | 48.10.005V | Setscrew M4x4 stainless          |                                                  | 6        |
| 67  | 48.10.007V | SCREW M3X12 DIN913               |                                                  | 9        |
| 68  | 48.10.408V | Setscrew M4x8 stainless          |                                                  | 3        |
| 69  | 48.10.412V | Setscrew M4x12 stainless         |                                                  | 12       |
| 70  | 48.10.505V | Setscrew M5x5 stainless          |                                                  | 1        |
| 71  | 48.13.212  | Screw 22x4.5                     |                                                  | 2        |
| 72  | 48.15.304V | Countersunk screw M3x4 stainless |                                                  | 2        |
| 73  | 48.16.020  | Knurled knob M3x12               |                                                  | 2        |
| 74  | 48.16.306V | Socket cap screw M3x6 stainless  |                                                  | 9        |
| 75  | 48.16.314V | SCREW A2                         | M3x14                                            | 2        |
| 76  | 48.16.316V | Socket cap screw M3x16 stainless |                                                  | 2        |
| 77  | 48.16.408V | Socket cap screw M4x8 stainless  |                                                  | 1        |
| 78  | 48.16.412V | Socket cap screw M4x12 stainless |                                                  | 7        |
| 79  | 48.16.430V | Socket cap screw M4x30 stainless |                                                  | 2        |
| 80  | 48.16.460V | Socket cap screw M4x60 stainless |                                                  | 1        |
| 81  | 48.18.020  | Spring pressure piece            |                                                  | 1        |
| 82  | 48.19.310V | Socket cap screw M3x10           |                                                  | 1        |
| 83  | 48.19.316V | INBUS M3x16                      |                                                  | 5        |
| 84  | 48.19.416V | HEXAGON SCREW A2 M4X16 DIN7991   |                                                  | 10       |

\*Recommended spare part

## 71.86.865C

### SPE II 16X PRINT MECHANISM, LEFT PRE-ASSEMBLED

| Pos  | Ident-No.  | Description1                    | Description2                                    | Quantity |
|------|------------|---------------------------------|-------------------------------------------------|----------|
| 85   | 48.24.304V | Pan screw M3x4                  |                                                 | 2        |
| 86   | 48.24.306V | INBUS A2 STAINLESS M3x6         |                                                 | 11       |
| 87   | 48.24.406V | Pan screw M4x6 stainless        |                                                 | 1        |
| 88   | 48.24.410V | INBUS A2 STAINLESS M4x10        |                                                 | 9        |
| 89   | 48.24.510V | INBUS A2 STAINLESS M5x10        |                                                 | 8        |
| 90   | 48.26.306V | INBUS A2 STAINLESS M3x6         |                                                 | 6        |
| 91   | 48.26.410V | Screw-and-washer assembly M4x10 |                                                 | 14       |
| 92   | 50.01.009V | Lock washer M2 stainless        |                                                 | 2        |
| 93   | 50.01.046V | Lock washer M4 stainless        |                                                 | 6        |
| 94   | 50.01.057V | Washer 3.2 stainless            |                                                 | 3        |
| 95   | 50.01.065V | Lock washer 4.3 stainless       |                                                 | 1        |
| 96   | 50.01.099V | WASHER                          |                                                 | 4        |
| 97   | 50.50.502  | WASHER                          |                                                 | 1        |
| 98   | 50.50.802  | Washer 8x14x0.2                 |                                                 | 1        |
| 99   | 50.50.810  | Washer 8x14x1.0                 |                                                 | 1        |
| 100* | 50.88.001  | Striker arm plate               | Spectra/SPE/SPX/DPM III+IV/Vario II/Vita/FC/ALP | 2        |
| 101  | 52.02.047  | Tension spring                  | Desco/Spectra/SPE/SPX/ILX                       | 1        |
| 102  | 52.02.048  | Tension spring                  | Desco/SPE/ILX 10X/SPE II                        | 2        |
| 103  | 52.04.002  | Cup spring                      |                                                 | 1        |
| 104  | 52.04.004  | Cup spring                      |                                                 | 1        |
| 105* | 52.55.010  | Tension spring                  |                                                 | 1        |
| 106* | 52.88.005  | Compression spring              | Spectra/DPM/SPE/Vario/SPX/Vita/Flexicode/ALP    | 2        |
| 107  | 55.10.001  | Self-adhesive scale             |                                                 | 1        |
| 108* | 57.01.002  | Grooved ball bearing            |                                                 | 1        |
| 109* | 57.01.007  | Grooved ball bearing            |                                                 | 7        |
| 110* | 57.01.008  | Grooved ball bearing            |                                                 | 1        |
| 111* | 57.02.105  | Bearing                         | Spectra                                         | 1        |
| 112* | 57.02.108  | Bearing                         | Spectra                                         | 1        |

\*Recommended spare part

## 71.86.865C

### SPE II 16X PRINT MECHANISM, LEFT PRE-ASSEMBLED

| Pos  | Ident-No.   | Description1                            | Description2                          | Quantity |
|------|-------------|-----------------------------------------|---------------------------------------|----------|
| 113  | 57.87.001C  | LOCK HINGE                              |                                       | 2        |
| 114  | 59.87.014C  | COGGED BELT DRIVE                       |                                       | 1        |
| 115  | 59.87.015C  | COGGED BELT DRIVE                       |                                       | 3        |
| 116  | 59.87.0281C | COGGED BELT DRIVE                       |                                       | 1        |
| 117  | 59.87.028C  | COGGED BELT DRIVE                       |                                       | 1        |
| 118  | 59.87.354C  | COGGED BELT                             |                                       | 1        |
| 119  | 59.87.471C  | COGGED BELT                             |                                       | 1        |
| 120  | 59.89.0151  | COGGED BELT DRIVE                       |                                       | 1        |
| 121  | 67.79.050   | BRACKET FOR PHOTO CELL                  |                                       | 1        |
| 122  | 67.83.018   | Sole plate above                        | SPX/ILX 10X/SPE II, left              | 1        |
| 123  | 67.87.006C  | COVER BEHIND                            | SPE II LEFT                           | 1        |
| 124  | 67.87.009C  | GUSSET                                  |                                       | 1        |
| 125  | 67.87.028C  | SOLE PLATE BELOW                        | FOR SPE II LEFT                       | 1        |
| 126  | 67.87.038   | Cross bar, left                         | SPE/SPX/ILX 10X/LPM II, left          | 1        |
| 127  | 67.87.055C  | SLIDER                                  |                                       | 1        |
| 128  | 67.87.056C  | SLIDER                                  |                                       | 1        |
| 129  | 67.87.203C  | COVER                                   |                                       | 1        |
| 130  | 67.87.213C  | COVER                                   |                                       | 1        |
| 131  | 67.88.030   | Sole plate ribbon rewinder              | Spectra/Spectra II/SPE/Vario/SPX/Vita | 1        |
| 132  | 67.88.065   | Circuit plate                           | Spectra/SPE/SPX                       | 1        |
| 133  | 67.88.080   | Adjusting plate                         | Spectra/SPE/SPX                       | 1        |
| 134* | 70.39.401   | Power electronics                       | Spectra II 216/ILX 10X/APL/SPE II     | 1        |
| 135  | 70.39.713   | DISTRIBUTION BOARD PRINT UNIT           | SPE II                                | 1        |
| 136* | 71.83.019   | Label photocell cpl, transmission above | SPX/ILX/SPE                           | 1        |
| 137  | 71.87.010C  | Stepper motor feed cpl                  | SPE II                                | 1        |
| 138  | 71.87.050C  | Photocell cpl, length = 210 mm          | SPE II                                | 1        |
| 139  | 71.87.060C  | Cover sensor cpl                        | SPE II                                | 1        |
| 140  | 71.87.065C  | Lighting cpl                            | SPE II                                | 1        |

\*Recommended spare part

## 71.86.865C

### SPE II 16X PRINT MECHANISM, LEFT PRE-ASSEMBLED

| Pos | Ident-No.  | Description1                        | Description2                           | Quantity |
|-----|------------|-------------------------------------|----------------------------------------|----------|
| 141 | 72.74.010  | Bearing ring                        | ILX/Spectra II/LPM II/SPE II           | 1        |
| 142 | 72.79.045  | Backfeed plate cpl                  | Flexicode/Spectra II/LPM II/SPE II     | 1        |
| 143 | 72.87.009C | Carrier plate cpl                   | SPE II 106/SPE II 108/SPE II 162, left | 1        |
| 144 | 72.87.046C | Toothed belt wheel cpl              | SPE II, left                           | 1        |
| 145 | 72.87.201C | Ribbon rewinder/unwinder roller cpl | SPE II 16X                             | 2        |
| 146 | 72.87.207  | Pressure shaft KF cpl               | SPE/SPX 162, left                      | 1        |
| 147 | 72.87.216  | Printhead bracket cpl               | SPE 162/SPX 162, left                  | 1        |
| 148 | 72.87.220  | Brush shaft cpl                     | SPE 160/SPE 162/SPX 162/LPM II 16X     | 2        |

\*Recommended spare part

Modifications and errors excepted

SPE II: 06.2023

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## 71.86.821C

SPE II 162-12 "CV" PRINT MECHANISM, LEFT  
W/O DISPENSER, THERMAL TRANSFER

| Pos | Ident-No.  | Description1                                   | Description2             | Quantity |
|-----|------------|------------------------------------------------|--------------------------|----------|
| 1   | 28.87.021C | PRINthead CABLE "SIGNAL" SPE II 162            |                          | 1        |
| 2   | 28.87.216C | PRINthead CABLE POWER SPE II 162               |                          | 1        |
| 3   | 37.04.1621 | Thermal printhead 162-12                       | Spectra II/SPE II/LPM II | 1        |
| 4   | 45.87.240  | Guiding                                        | SPE 162/SPX II 162       | 1        |
| 5   | 45.88.221  | Interlayer                                     | Spectra 162/SPE/SPX 162  | 1        |
| 6   | 48.04.208  | Screw M2x8                                     |                          | 3        |
| 7   | 48.16.310V | Socket cap screw M3x10 stainless               |                          | 2        |
| 8*  | 48.88.001  | Knurled screw                                  | Spectra/SPE/SPX/ILX 10X  | 2        |
| 9   | 71.86.865C | SPE II 16X print mechanism, left pre-assembled |                          | 1        |

\*Recommended spare part

## 71.86.831C

SPE II 162-12 "CV" PRINT MECHANISM, LEFT  
WITH DISPENSER, THERMAL TRANSFER

| Pos | Ident-No.  | Description1                             | Description2                    | Quantity |
|-----|------------|------------------------------------------|---------------------------------|----------|
| 1   | 71.86.597C | Label dispenser mounting kit             | SPE II 16X, left                | 1        |
| 2   | 71.86.821C | SPE II 162-12 "CV" print mechanism, left | w/o dispenser, thermal transfer | 1        |

\*Recommended spare part

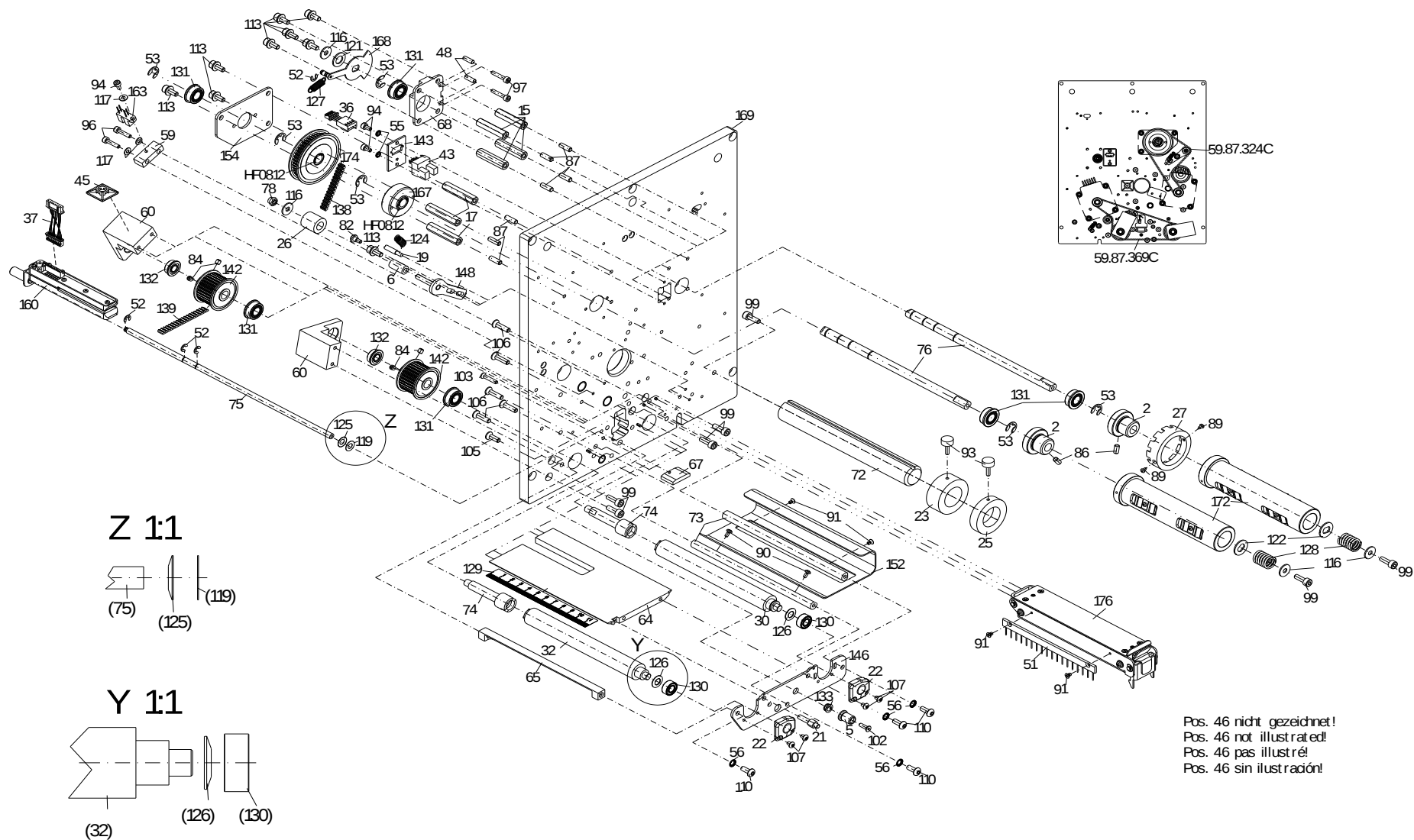
Modifications and errors excepted

SPE II: 06.2023

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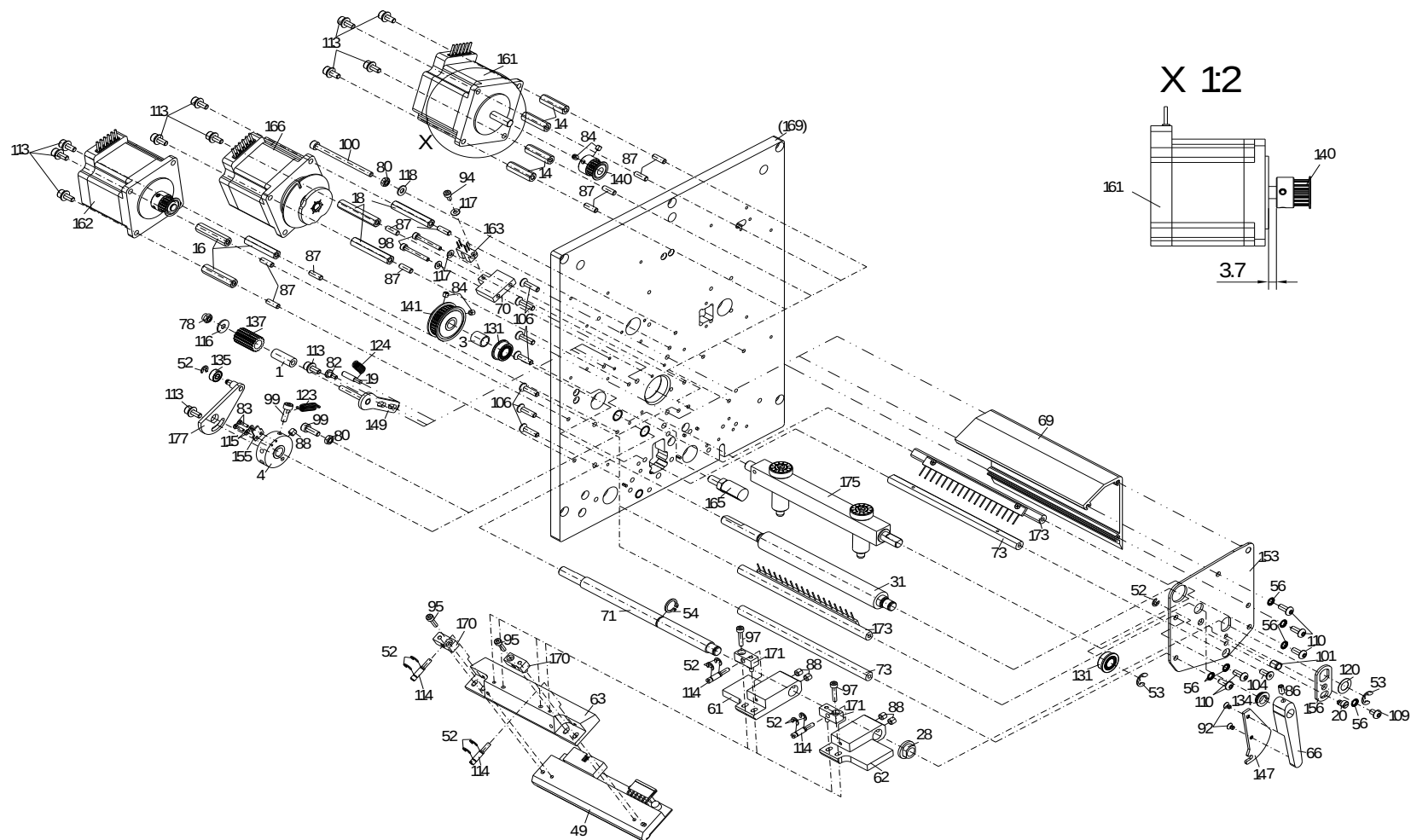
# 71.87.706C

SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING



# 71.87.706C

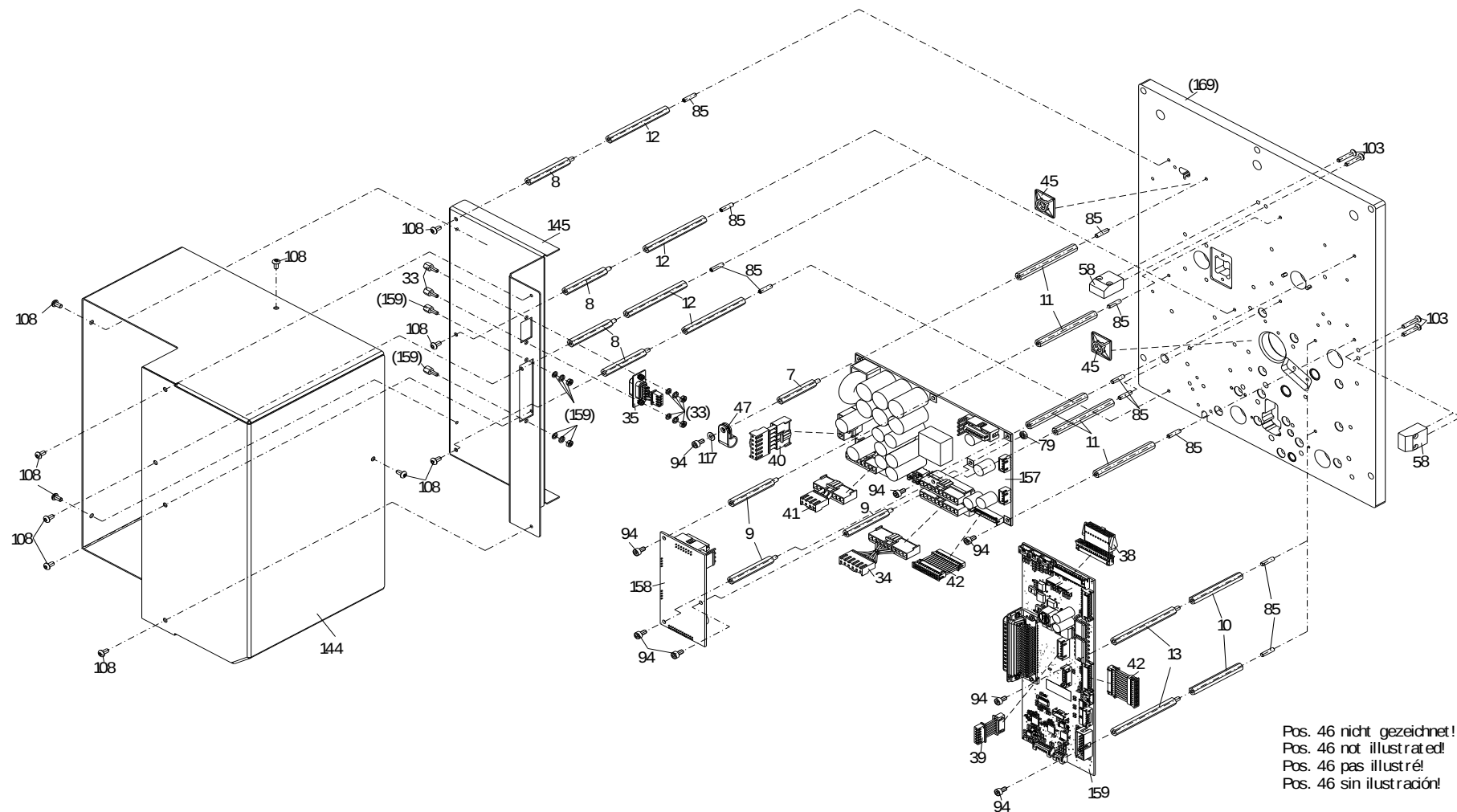
SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING



Pos. 46 nicht gezeichnet!  
Pos. 46 not illustrated!  
Pos. 46 pas illustré!  
Pos. 46 sin ilustración!

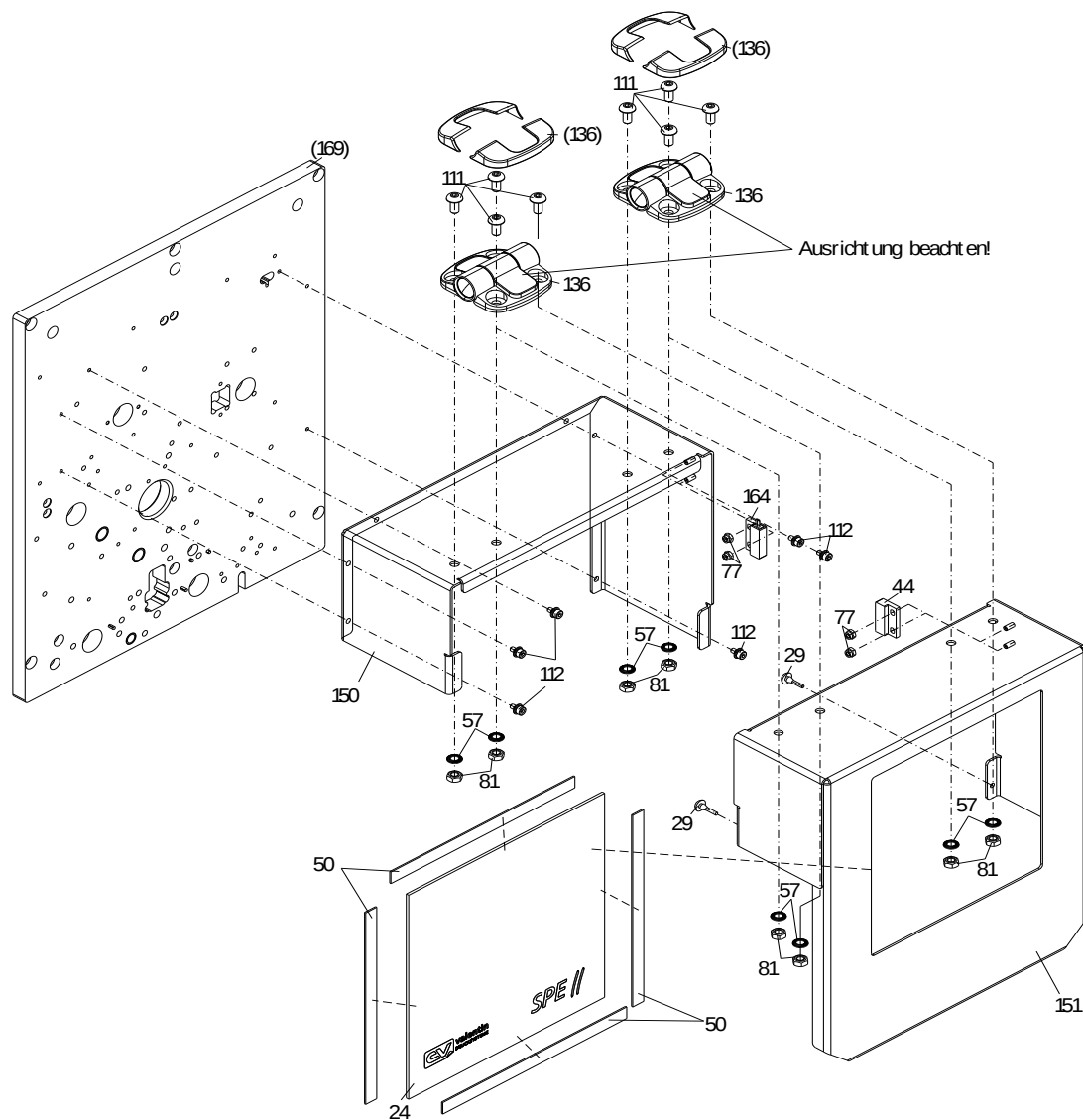
## 71.87.706C

SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING



## 71.87.706C

SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING



Pos. 46 nicht gezeichnet!  
Pos. 46 not illustrated!  
Pos. 46 pas illustré!  
Pos. 46 sin ilustración!

## 71.87.706C

SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING

| Pos | Ident-No.    | Description1            | Description2                                 | Quantity |
|-----|--------------|-------------------------|----------------------------------------------|----------|
| 1   | 10.87.001C   | BUSH BEARING            |                                              | 1        |
| 2   | 10.88.001    | Bearing bush            | Spectra/SPE/DPM/SPX/Vita/Flexicode/ILX/ALP   | 2        |
| 3   | 10.88.015    | Spacer sleeve           | Spectra/SPE/Vario/SPX/Vita                   | 1        |
| 4   | 10.88.025    | Bearing ring            | Spectra/SPE/SPX                              | 1        |
| 5   | 10.88.036    | Knurled knob            | Spectra II/SPE II                            | 1        |
| 6   | 10.89.035    | Bearing bush            | ALP/SPE II                                   | 1        |
| 7   | 12.40.335    | Distance bolt M3x35     |                                              | 1        |
| 8   | 12.40.341    | DISTANCE BOLT M3 X 41   |                                              | 4        |
| 9   | 12.40.342    | DISTANCE BOLT M3 X 42   |                                              | 3        |
| 10  | 12.40.3501   | DISTANCE BOLT M3x50     |                                              | 2        |
| 11  | 12.40.359    | DISTANCE BOLT M3 X 58,5 |                                              | 5        |
| 12  | 12.40.361    | Distance bolt M3x60     |                                              | 4        |
| 13  | 12.40.362    | DISTANCE BOLT M3 X 62   |                                              | 2        |
| 14  | 12.40.425    | DISTANCE BOLT M4 X 25   |                                              | 4        |
| 15  | 12.40.4308   | Distance bolt M4x30.8   |                                              | 4        |
| 16  | 12.40.432    | DISTANCE BOLT M4 X 32   |                                              | 3        |
| 17  | 12.40.434    | Distance bolt M4x34.8   |                                              | 3        |
| 18  | 12.40.440    | Distance bolt M4x40     |                                              | 3        |
| 19  | 12.87.042B-2 | Bearing pin, short      | LPM II "GEA"/SPE II                          | 2        |
| 20* | 12.88.030    | Eccentric pin           | Spectra/SPE/SPX                              | 1        |
| 21  | 12.88.035A   | LOCK PIN                |                                              | 1        |
| 22  | 16.56.045    | Supporting piece        | Vario III/Spectra II/ILX 10X/SPE II          | 2        |
| 23  | 16.74.006    | Label guiding, inside   | ILX 10X/SPE II                               | 1        |
| 24  | 16.87.001C   | WINDOW "CV"             |                                              | 1        |
| 25  | 16.87.005    | Label guiding           | SPE/SPX/Duoprint/ILX                         | 1        |
| 26  | 16.87.030C   | BOGGIE WHEEL            |                                              | 1        |
| 27  | 16.88.055    | Sprocket wheel          | Spectra/SPE/DPM/Vario/SPX/Vita/Flexicode/ALP | 1        |
| 28  | 16.88.070    | Slide bearing           | Spectra/SPE/SPX/ALP                          | 1        |

\*Recommended spare part

## 71.87.706C

**SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING**

| Pos | Ident-No.   | Description1                                      | Description2                                  | Quantity |
|-----|-------------|---------------------------------------------------|-----------------------------------------------|----------|
| 29  | 18.01.030   | MOUNTING FOOT                                     |                                               | 2        |
| 30  | 18.87.105C  | TRANSPORT ROLL                                    |                                               | 1        |
| 31* | 18.88.101   | Pressure roller                                   | Spectra/SPX/Duoprint 107/ILX 10X/SPE          | 1        |
| 32  | 18.88.103A  | Pressure roller                                   | Spectra II 10X/ILX 10X/SPE II 10X             | 1        |
| 33  | 25.04.100   | SUB-D fixing set                                  |                                               | 1        |
| 34* | 28.52.290   | Printhead cable, power supply                     | Compa 162/Compa III 162/SPX 162/ILX/SPE II    | 1        |
| 35  | 28.87.001C  | Winder supply line                                | SPE II, right                                 | 1        |
| 36  | 28.87.003B  | Connecting cable, encoder-CPU                     | LPM II/SPE II                                 | 1        |
| 37  | 28.87.005C  | Photocell cable, transmission-reflexion photocell | SPE II                                        | 1        |
| 38  | 28.87.020C  | CABLE FOR PRINT HEAD SIGNAL                       |                                               | 1        |
| 39  | 28.87.040C  | CONNECTING CABLE 48V                              |                                               | 1        |
| 40  | 28.87.0435C | CONNECTING CABLE 48V                              |                                               | 1        |
| 41  | 28.87.043C  | CONNECTING CABLE 48V                              |                                               | 1        |
| 42  | 28.87.0445C | CONNECTING CABLE MOTOR SIGNALS SPE II             |                                               | 2        |
| 43  | 31.03.035   | Photocell                                         |                                               | 1        |
| 44  | 31.03.220   | Magnet for Reed sensor                            |                                               | 1        |
| 45  | 35.01.001   | Mounting base self-adhesive 19x19 mm              |                                               | 3        |
| 46  | 35.01.002   | Cable joint 100x2.5 mm                            |                                               | 15       |
| 47  | 35.01.022   | Nylon bracket 7.4-8.4 mm                          |                                               | 1        |
| 48  | 35.04.004   | Tube 3.2 mm, black                                |                                               | 0,02m    |
| 49* | 37.04.1010  | Thermal printhead 107-12                          | Spectra II/SPE II/LPM II/Dynacode/Duoprint    | 1        |
| 50  | 37.68.003   | Double sided adhesive tape 9 mm                   |                                               | 0,01     |
| 51  | 37.88.101   | Antistatic brush                                  | Spectra 10X/SPE/SPX/Vita/Duoprint 107/ALP 10X | 1        |
| 52  | 40.01.003V  | Shaft protection 3.2 mm stainless                 |                                               | 14       |
| 53  | 40.01.006V  | Shaft protection 6 mm stainless                   |                                               | 8        |
| 54  | 40.02.010V  | LOCKING RING 10mm DIN 471                         |                                               | 1        |
| 55  | 41.03.003V  | Lock washer M3 stainless                          |                                               | 2        |
| 56  | 41.03.004V  | Lock washer M4 stainless                          |                                               | 10       |

\*Recommended spare part

## 71.87.706C

**SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING**

| Pos | Ident-No.  | Description1                     | Description2                                     | Quantity |
|-----|------------|----------------------------------|--------------------------------------------------|----------|
| 57  | 41.03.005V | Lock washer M5 stainless         |                                                  | 8        |
| 58  | 45.74.010  | Bracket for cover, SRD           | ILX "SRD"/SPE II                                 | 2        |
| 59  | 45.81.020  | Spacer                           | Duoprint/SPX II/Spectra II/LPM II/ILX 10X/SPE II | 1        |
| 60  | 45.87.012C | Bearing for pressure roller      | SPE II                                           | 2        |
| 61  | 45.87.015  | Printhead bearing, left          | SPE 107/Spectra 107/Spectra 160/Duoprint         | 1        |
| 62  | 45.87.020  | Printhead bearing, right         | SPE 107/Spectra 107/Spectra 160/Duoprint         | 1        |
| 63  | 45.87.110  | Printhead bracket                | SPE 107/Spectra 107/Duoprint 107                 | 1        |
| 64  | 45.87.120  | Intermediate plate, right        | SPE/Spectra 107/SPX/Duoprint 107/ILX 10X         | 1        |
| 65  | 45.87.502  | Dispensing pillar short          | SPE 10X/SPX 10X                                  | 1        |
| 66  | 45.88.026  | PRESSURE LEVER                   |                                                  | 1        |
| 67  | 45.88.035  | Limit stop                       | Spectra/SPE/SPX/ILX 10X                          | 1        |
| 68  | 45.88.045A | Sole plate                       | Spectra II/LPM II/SPE II                         | 1        |
| 69  | 45.88.101  | Profile, above 140 mm            | Spectra/SPE/SPX/ILX 10X                          | 1        |
| 70  | 45.88.405A | SPACER BLOCK                     |                                                  | 1        |
| 71  | 46.87.101  | Printhead shaft, right           | SPE 107/Spectra 107/Duoprint 107                 | 1        |
| 72  | 46.87.105  | Bearing pillar for label guiding | SPE 10X/SPX/Duoprint 107/LPM II 10X              | 1        |
| 73  | 46.87.120  | Brush shaft                      | SPE 10X/SPX/LPM II 10X                           | 4        |
| 74  | 46.88.033A | Transmission shaft               | Spectra II/ILX 10X/SPE II                        | 2        |
| 75  | 46.88.115  | Straight shaft                   | Spectra/SPE/SPX/ILX 10X                          | 1        |
| 76  | 46.88.120  | Ribbon rewinding/unwinding shaft | Spectra/SPE/SPX/Vita/ILX 10X/ALP                 | 2        |
| 77  | 47.03.003V | Hexagon nut M3 stainless         |                                                  | 4        |
| 78  | 47.03.004V | Hexagon nut M4 stainless         |                                                  | 2        |
| 79  | 47.04.001V | Hexagon nut M3 stainless         |                                                  | 1        |
| 80  | 47.05.001V | Hexagon nut M4 stainless         |                                                  | 2        |
| 81  | 47.05.002V | Hexagon nut M5 stainless         |                                                  | 8        |
| 82  | 48.02.303V | M3x2 DIN 923                     |                                                  | 2        |
| 83  | 48.04.208V | Screw M2x8 stainless             |                                                  | 2        |
| 84  | 48.10.005V | Setscrew M4x4 stainless          |                                                  | 8        |

\*Recommended spare part

## 71.87.706C

SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING

| Pos | Ident-No.  | Description1                       | Description2 | Quantity |
|-----|------------|------------------------------------|--------------|----------|
| 85  | 48.10.007V | SCREW M3X12 DIN913                 |              | 11       |
| 86  | 48.10.408V | Setscrew M4x8 stainless            |              | 3        |
| 87  | 48.10.412V | Setscrew M4x12 stainless           |              | 17       |
| 88  | 48.10.505V | Setscrew M5x5 stainless            |              | 5        |
| 89  | 48.13.212  | Screw 22x4.5                       |              | 2        |
| 90  | 48.14.205V | Pan screw M2.5x5 stainless         |              | 2        |
| 91  | 48.15.204V | Countersunk screw M2.5x4 stainless |              | 4        |
| 92  | 48.15.304V | Countersunk screw M3x4 stainless   |              | 2        |
| 93  | 48.16.020  | Knurled knob M3x12                 |              | 2        |
| 94  | 48.16.306V | Socket cap screw M3x6 stainless    |              | 12       |
| 95  | 48.16.312V | Socket cap screw M3x12 stainless   |              | 2        |
| 96  | 48.16.314V | SCREW A2                           | M3x14        | 2        |
| 97  | 48.16.316V | Socket cap screw M3x16 stainless   |              | 4        |
| 98  | 48.16.325V | Socket cap screw M3x25 stainless   |              | 2        |
| 99  | 48.16.412V | Socket cap screw M4x12 stainless   |              | 9        |
| 100 | 48.16.460V | Socket cap screw M4x60 stainless   |              | 1        |
| 101 | 48.18.020  | Spring pressure piece              |              | 1        |
| 102 | 48.19.310V | Socket cap screw M3x10             |              | 1        |
| 103 | 48.19.316V | INBUS M3x16                        |              | 5        |
| 104 | 48.19.410V | Socket cap screw M4x10 stainless   |              | 1        |
| 105 | 48.19.412V | HEXAGON SCREW A2 M4X12 DIN7991     |              | 1        |
| 106 | 48.19.416V | HEXAGON SCREW A2 M4X16 DIN7991     |              | 12       |
| 107 | 48.24.304V | Pan screw M3x4                     |              | 4        |
| 108 | 48.24.306V | INBUS A2 STAINLESS M3x6            |              | 11       |
| 109 | 48.24.406V | Pan screw M4x6 stainless           |              | 1        |
| 110 | 48.24.410V | INBUS A2 STAINLESS M4x10           |              | 9        |
| 111 | 48.24.510V | INBUS A2 STAINLESS M5x10           |              | 8        |
| 112 | 48.26.306V | INBUS A2 STAINLESS M3x6            |              | 6        |

\*Recommended spare part

## 71.87.706C

SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING

| Pos  | Ident-No.  | Description1                    | Description2                                    | Quantity |
|------|------------|---------------------------------|-------------------------------------------------|----------|
| 113  | 48.26.410V | Screw-and-washer assembly M4x10 |                                                 | 21       |
| 114  | 48.87.010  | Adjusting screw                 | SPE/Spectra 107/Spectra 160/Duoprint            | 4        |
| 115  | 50.01.009V | Lock washer M2 stainless        |                                                 | 2        |
| 116  | 50.01.046V | Lock washer M4 stainless        |                                                 | 5        |
| 117  | 50.01.057V | Washer 3.2 stainless            |                                                 | 7        |
| 118  | 50.01.065V | Lock washer 4.3 stainless       |                                                 | 1        |
| 119  | 50.50.502  | WASHER                          |                                                 | 1        |
| 120  | 50.50.802  | Washer 8x14x0.2                 |                                                 | 1        |
| 121  | 50.50.810  | Washer 8x14x1.0                 |                                                 | 1        |
| 122* | 50.88.001  | Striker arm plate               | Spectra/SPE/SPX/DPM III+IV/Vario II/Vita/FC/ALP | 2        |
| 123  | 52.02.047  | Tension spring                  | Desco/Spectra/SPE/SPX/ILX                       | 1        |
| 124  | 52.02.048  | Tension spring                  | Desco/SPE/ILX 10X/SPE II                        | 2        |
| 125  | 52.04.002  | Cup spring                      |                                                 | 1        |
| 126  | 52.04.004  | Cup spring                      |                                                 | 2        |
| 127* | 52.55.010  | Tension spring                  |                                                 | 1        |
| 128* | 52.88.005  | Compression spring              | Spectra/DPM/SPE/Vario/SPX/Vita/Flexicode/ALP    | 2        |
| 129  | 55.10.001  | Self-adhesive scale             |                                                 | 1        |
| 130* | 57.01.002  | Grooved ball bearing            |                                                 | 2        |
| 131* | 57.01.007  | Grooved ball bearing            |                                                 | 8        |
| 132* | 57.01.008  | Grooved ball bearing            |                                                 | 2        |
| 133* | 57.02.105  | Bearing                         | Spectra                                         | 1        |
| 134* | 57.02.108  | Bearing                         | Spectra                                         | 1        |
| 135* | 57.03.010  | Grooved ball bearing            |                                                 | 1        |
| 136  | 57.87.001C | LOCK HINGE                      |                                                 | 2        |
| 137  | 59.87.015C | COGGED BELT DRIVE               |                                                 | 1        |
| 138  | 59.87.324C | COGGED BELT                     |                                                 | 1        |
| 139  | 59.87.369C | COGGED BELT                     |                                                 | 1        |
| 140  | 59.88.015  | COGGED BELT DRIVE SPECTRA II    |                                                 | 1        |

\*Recommended spare part

## 71.87.706C

SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING

| Pos  | Ident-No.  | Description1                            | Description2                          | Quantity |
|------|------------|-----------------------------------------|---------------------------------------|----------|
| 141  | 59.88.032  | Toothed belt wheel                      | Spectra/SPE/SPX/Vita/Flexicode/ALP    | 1        |
| 142  | 59.88.033  | Toothed belt wheel                      | Spectra/SPE/SPX/Vita/ILX              | 2        |
| 143  | 67.79.050  | BRACKET FOR PHOTO CELL                  |                                       | 1        |
| 144  | 67.87.005C | COVER BEHIND                            | SPE II RIGHT                          | 1        |
| 145  | 67.87.009C | GUSSET                                  |                                       | 1        |
| 146  | 67.87.025C | SOLE PLATE                              |                                       | 1        |
| 147  | 67.87.035  | Cross bar, right                        | SPE/Spectra107/Spectra 160/Duoprint   | 1        |
| 148  | 67.87.055C | SLIDER                                  |                                       | 1        |
| 149  | 67.87.056C | SLIDER                                  |                                       | 1        |
| 150  | 67.87.102C | COVER                                   |                                       | 1        |
| 151  | 67.87.112C | COVER                                   |                                       | 1        |
| 152  | 67.87.125C | COVER SHEET BELOW                       |                                       | 1        |
| 153  | 67.88.017A | SOLE PLATE ABOVE                        |                                       | 1        |
| 154  | 67.88.030  | Sole plate ribbon rewinder              | Spectra/Spectra II/SPE/Vario/SPX/Vita | 1        |
| 155  | 67.88.065  | Circuit plate                           | Spectra/SPE/SPX                       | 1        |
| 156  | 67.88.080  | Adjusting plate                         | Spectra/SPE/SPX                       | 1        |
| 157* | 70.39.401  | Power electronics                       | Spectra II 216/ILX 10X/APL/SPE II     | 1        |
| 158  | 70.39.406  | Power electronics                       |                                       | 1        |
| 159  | 70.39.713  | DISTRIBUTION BOARD PRINT UNIT           | SPE II                                | 1        |
| 160* | 71.83.019  | Label photocell cpl, transmission above | SPX/ILX/SPE                           | 1        |
| 161  | 71.87.010C | Stepper motor feed cpl                  | SPE II                                | 1        |
| 162  | 71.87.015C | Stepper motor for transfer ribbon cpl   | SPE II 107/SPE II 160                 | 1        |
| 163  | 71.87.050C | Photocell cpl, length = 210 mm          | SPE II                                | 2        |
| 164  | 71.87.060C | Cover sensor cpl                        | SPE II                                | 1        |
| 165  | 71.87.065C | Lighting cpl                            | SPE II                                | 1        |
| 166  | 71.87.405C | Stepper motor ribbon saving cpl         | SPE II 107/SPE II 160, right          | 1        |
| 167  | 72.74.010  | Bearing ring                            | ILX/Spectra II/LPM II/SPE II          | 1        |
| 168  | 72.79.045  | Backfeed plate cpl                      | Flexicode/Spectra II/LPM II/SPE II    | 1        |

\*Recommended spare part

## 71.87.706C

SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING

| Pos  | Ident-No.  | Description1                          | Description2                                     | Quantity |
|------|------------|---------------------------------------|--------------------------------------------------|----------|
| 169  | 72.87.005C | Carrier plate cpl                     | SPE II 107/SPE II 160, right                     | 1        |
| 170  | 72.87.010  | Adjusting device cpl                  | SPE 107/SPE 160/Spectra 107/Spectra 160/Duoprint | 2        |
| 171  | 72.87.012  | Adjusting device cpl                  | SPE 107/SPE 160/Spectra 107/Spectra 160/Duoprint | 2        |
| 172  | 72.87.101C | Ribbon rewinding/unwinding roller cpl | SPE II 10X                                       | 2        |
| 173  | 72.87.120  | Brush shaft cpl                       | SPE 10X/SPX/ILX 10X/LPM II                       | 2        |
| 174* | 72.88.048  | Toothed belt wheel cpl                | Spectra/SPE/Vario/SPX/Vita/Flexicode/ILX/ALP     | 1        |
| 175  | 72.88.105  | Pressure shaft cpl                    | Spectra 107/108/Duoprint/SPE/SPX/ILX 10X right   | 1        |
| 176  | 72.88.401A | Washer cpl                            | Spectra II 10X/SPE II 107                        | 1        |
| 177  | 72.88.425  | Sole plate ribbon saving cpl          | Spectra/SPE/Duoprint                             | 1        |

\*Recommended spare part

## 71.87.716C

SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, DISPENSER, RIBBON SAVING

| Pos | Ident-No.  | Description1                                       | Description2                        | Quantity |
|-----|------------|----------------------------------------------------|-------------------------------------|----------|
| 1   | 71.86.590C | Label dispenser mounting kit                       | SPE II 10X, right                   | 1        |
| 2   | 71.87.706C | SPE II 107-12 "CV" print mechanism, thermal transf | right, w/o dispenser, ribbon saving | 1        |

\*Recommended spare part

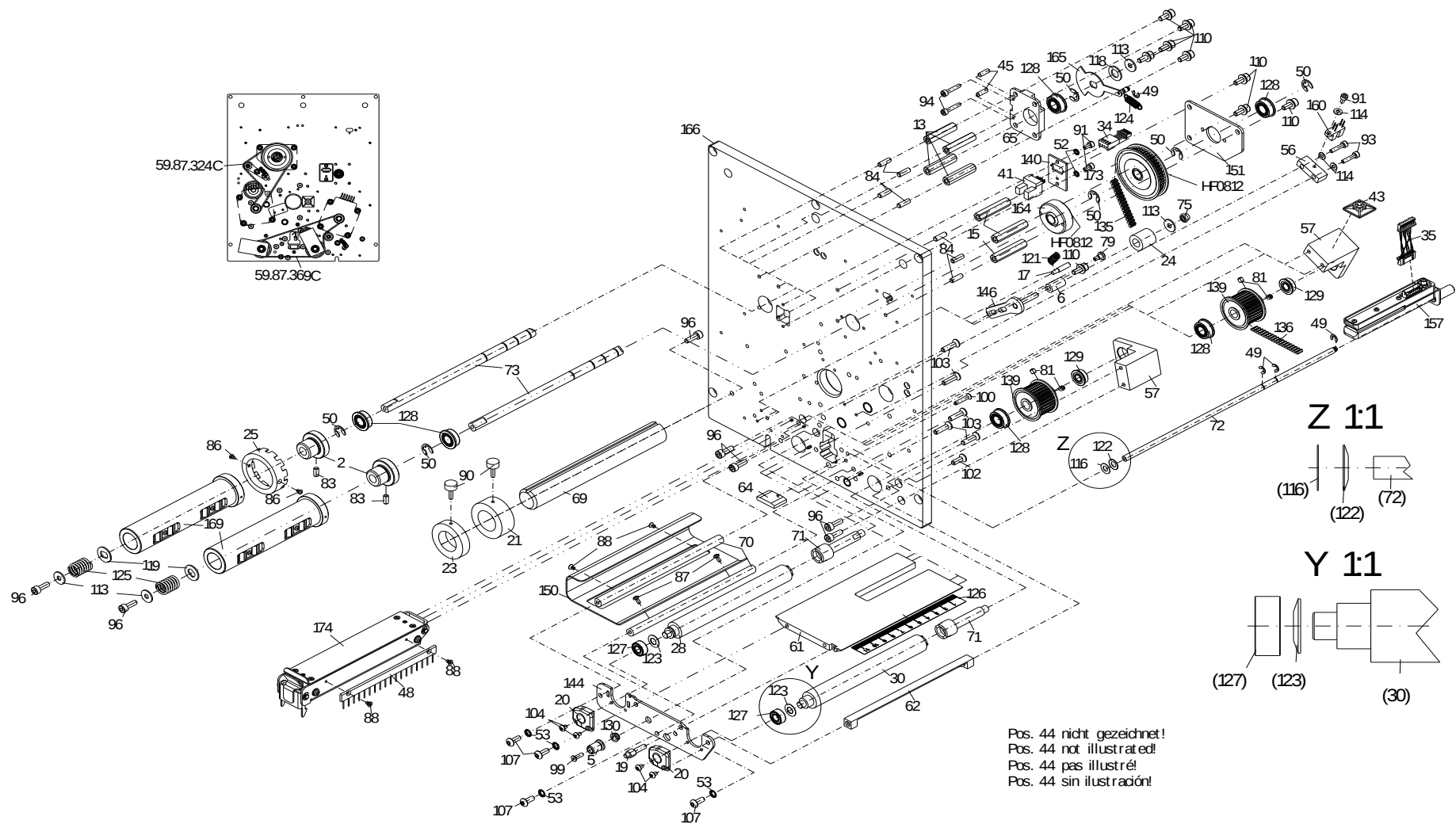
Modifications and errors excepted

SPE II: 06.2023

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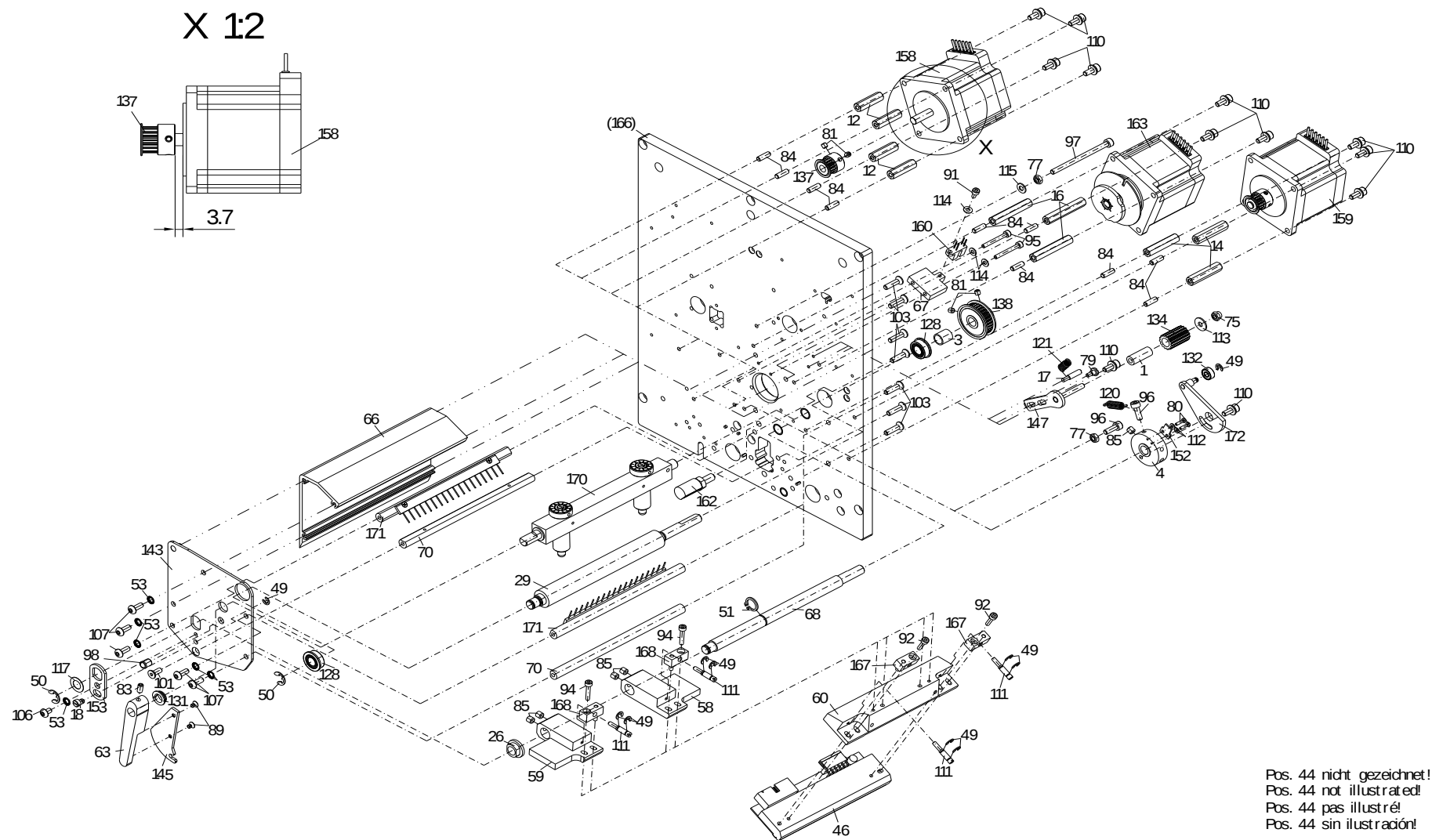
# 71.87.726C

SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING



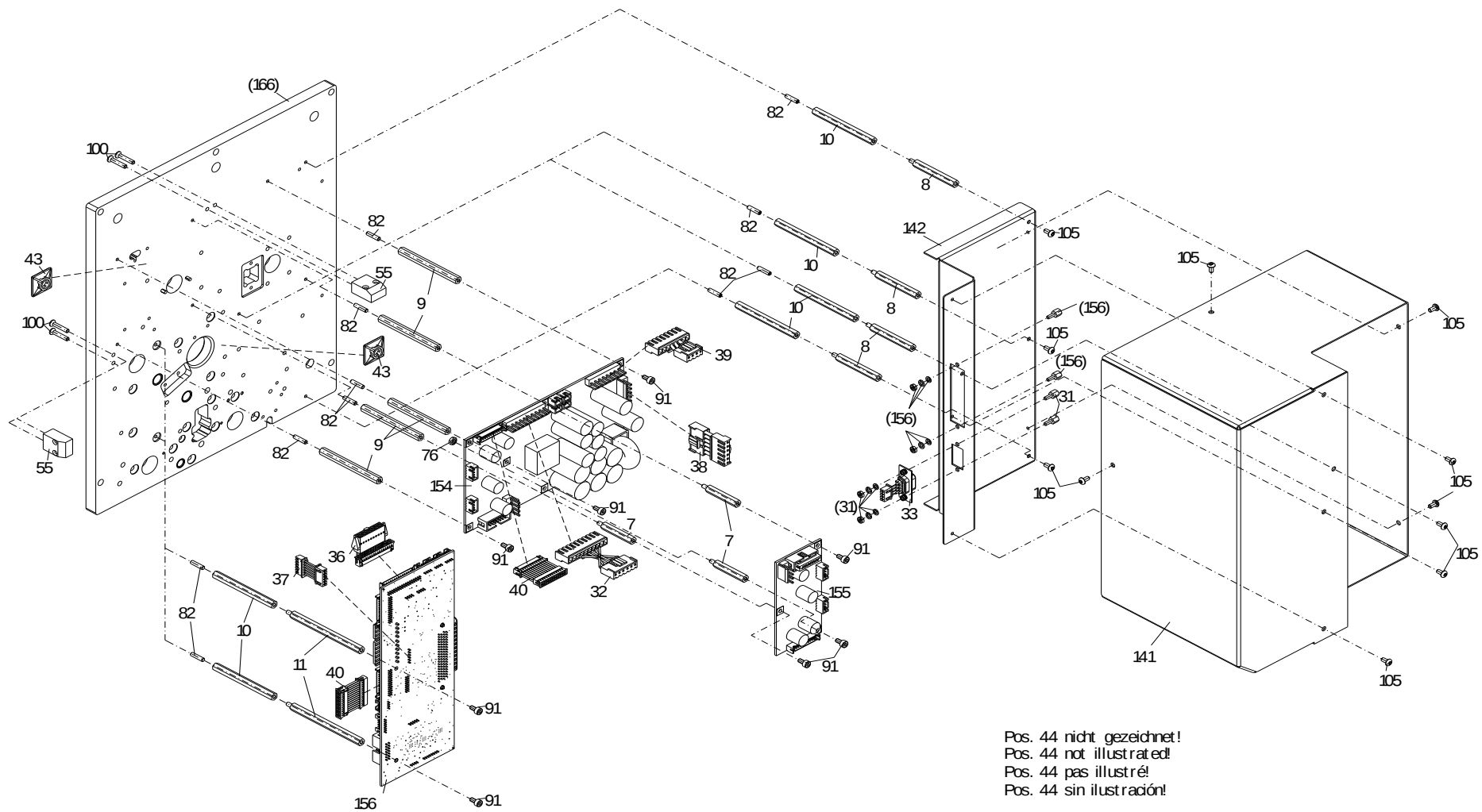
# 71.87.726C

SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING



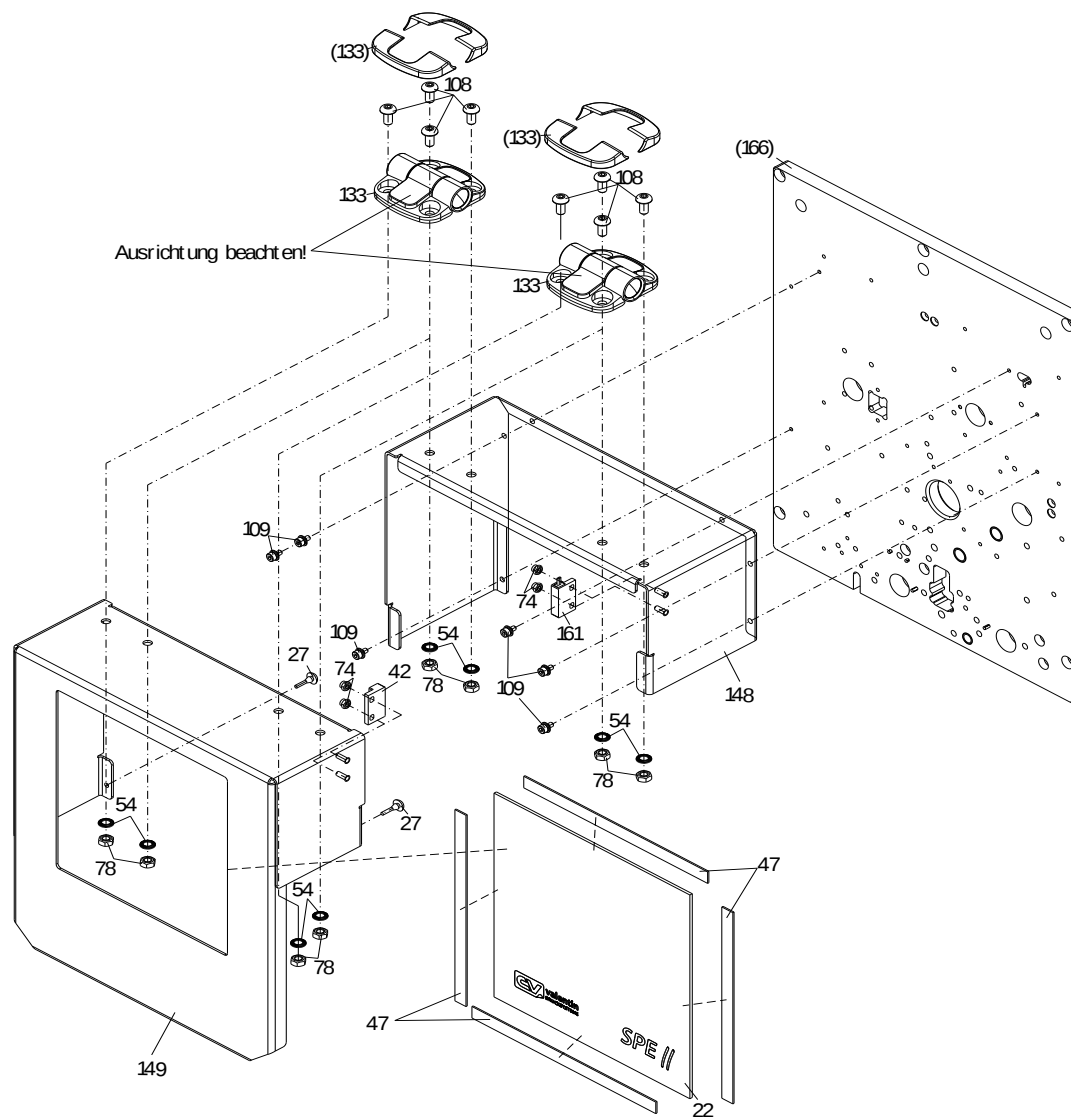
# 71.87.726C

SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING



## 71.87.726C

SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING



Pos. 44 nicht gezeichnet!  
Pos. 44 not illustrated!  
Pos. 44 pas ilustré!  
Pos. 44 sin ilustración!

## 71.87.726C

SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING

| Pos | Ident-No.    | Description1            | Description2                                 | Quantity |
|-----|--------------|-------------------------|----------------------------------------------|----------|
| 1   | 10.87.001C   | BUSH BEARING            |                                              | 1        |
| 2   | 10.88.001    | Bearing bush            | Spectra/SPE/DPM/SPX/Vita/Flexicode/ILX/ALP   | 2        |
| 3   | 10.88.015    | Spacer sleeve           | Spectra/SPE/Vario/SPX/Vita                   | 1        |
| 4   | 10.88.025    | Bearing ring            | Spectra/SPE/SPX                              | 1        |
| 5   | 10.88.036    | Knurled knob            | Spectra II/SPE II                            | 1        |
| 6   | 10.89.035    | Bearing bush            | ALP/SPE II                                   | 1        |
| 7   | 12.40.331    | DISTANCE BOLT M3 X 30   |                                              | 3        |
| 8   | 12.40.341    | DISTANCE BOLT M3 X 41   |                                              | 4        |
| 9   | 12.40.359    | DISTANCE BOLT M3 X 58,5 |                                              | 5        |
| 10  | 12.40.361    | Distance bolt M3x60     |                                              | 6        |
| 11  | 12.40.370    | Distance bolt M3x70     |                                              | 2        |
| 12  | 12.40.425    | DISTANCE BOLT M4 X 25   |                                              | 4        |
| 13  | 12.40.4308   | Distance bolt M4x30.8   |                                              | 4        |
| 14  | 12.40.432    | DISTANCE BOLT M4 X 32   |                                              | 3        |
| 15  | 12.40.434    | Distance bolt M4x34.8   |                                              | 3        |
| 16  | 12.40.440    | Distance bolt M4x40     |                                              | 3        |
| 17  | 12.87.042B-2 | Bearing pin, short      | LPM II "GEA"/SPE II                          | 2        |
| 18* | 12.88.030    | Eccentric pin           | Spectra/SPE/SPX                              | 1        |
| 19  | 12.88.035A   | LOCK PIN                |                                              | 1        |
| 20  | 16.56.045    | Supporting piece        | Vario III/Spectra II/ILX 10X/SPE II          | 2        |
| 21  | 16.74.006    | Label guiding, inside   | ILX 10X/SPE II                               | 1        |
| 22  | 16.87.001C   | WINDOW "CV"             |                                              | 1        |
| 23  | 16.87.005    | Label guiding           | SPE/SPX/Duoprint/ILX                         | 1        |
| 24  | 16.87.030C   | BOGGIE WHEEL            |                                              | 1        |
| 25  | 16.88.055    | Sprocket wheel          | Spectra/SPE/DPM/Vario/SPX/Vita/Flexicode/ALP | 1        |
| 26  | 16.88.070    | Slide bearing           | Spectra/SPE/SPX/ALP                          | 1        |
| 27  | 18.01.030    | MOUNTING FOOT           |                                              | 2        |
| 28  | 18.87.105C   | TRANSPORT ROLL          |                                              | 1        |

\*Recommended spare part

## 71.87.726C

**SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING**

| Pos | Ident-No.   | Description1                                      | Description2                                     | Quantity |
|-----|-------------|---------------------------------------------------|--------------------------------------------------|----------|
| 29* | 18.88.101   | Pressure roller                                   | Spectra/SPX/Duoprint 107/ILX 10X/SPE             | 1        |
| 30  | 18.88.103A  | Pressure roller                                   | Spectra II 10X/ILX 10X/SPE II 10X                | 1        |
| 31  | 25.04.100   | SUB-D fixing set                                  |                                                  | 1        |
| 32* | 28.52.290   | Printhead cable, power supply                     | Compa 162/Compa III 162/SPX 162/ILX/SPE II       | 1        |
| 33  | 28.87.002C  | Winder supply line                                | SPE II, left                                     | 1        |
| 34  | 28.87.003B  | Connecting cable, encoder-CPU                     | LPM II/SPE II                                    | 1        |
| 35  | 28.87.005C  | Photocell cable, transmission-reflexion photocell | SPE II                                           | 1        |
| 36  | 28.87.020C  | CABLE FOR PRINT HEAD SIGNAL                       |                                                  | 1        |
| 37  | 28.87.040C  | CONNECTING CABLE 48V                              |                                                  | 1        |
| 38  | 28.87.0435C | CONNECTING CABLE 48V                              |                                                  | 1        |
| 39  | 28.87.043C  | CONNECTING CABLE 48V                              |                                                  | 1        |
| 40  | 28.87.0445C | CONNECTING CABLE MOTOR SIGNALS SPE II             |                                                  | 2        |
| 41  | 31.03.035   | Photocell                                         |                                                  | 1        |
| 42  | 31.03.220   | Magnet for Reed sensor                            |                                                  | 1        |
| 43  | 35.01.001   | Mounting base self-adhesive 19x19 mm              |                                                  | 3        |
| 44  | 35.01.002   | Cable joint 100x2.5 mm                            |                                                  | 13       |
| 45  | 35.04.004   | Tube 3.2 mm, black                                |                                                  | 0,02m    |
| 46* | 37.04.1010  | Thermal printhead 107-12                          | Spectra II/SPE II/LPM II/Dynacode/Duoprint       | 1        |
| 47  | 37.68.003   | Double sided adhesive tape 9 mm                   |                                                  | 0,01     |
| 48  | 37.88.101   | Antistatic brush                                  | Spectra 10X/SPE/SPX/Vita/Duoprint 107/ALP 10X    | 1        |
| 49  | 40.01.003V  | Shaft protection 3.2 mm stainless                 |                                                  | 14       |
| 50  | 40.01.006V  | Shaft protection 6 mm stainless                   |                                                  | 8        |
| 51  | 40.02.010V  | LOCKING RING 10mm DIN 471                         |                                                  | 1        |
| 52  | 41.03.003V  | Lock washer M3 stainless                          |                                                  | 2        |
| 53  | 41.03.004V  | Lock washer M4 stainless                          |                                                  | 10       |
| 54  | 41.03.005V  | Lock washer M5 stainless                          |                                                  | 8        |
| 55  | 45.74.010   | Bracket for cover, SRD                            | ILX "SRD"/SPE II                                 | 2        |
| 56  | 45.81.020   | Spacer                                            | Duoprint/SPX II/Spectra II/LPM II/ILX 10X/SPE II | 1        |

\*Recommended spare part

## 71.87.726C

**SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING**

| Pos | Ident-No.  | Description1                     | Description2                               | Quantity |
|-----|------------|----------------------------------|--------------------------------------------|----------|
| 57  | 45.87.012C | Bearing for pressure roller      | SPE II                                     | 2        |
| 58  | 45.87.015  | Printhead bearing, left          | SPE 107/Spectra 107/Spectra 160/Duoprint   | 1        |
| 59  | 45.87.020  | Printhead bearing, right         | SPE 107/Spectra 107/Spectra 160/Duoprint   | 1        |
| 60  | 45.87.110  | Printhead bracket                | SPE 107/Spectra 107/Duoprint 107           | 1        |
| 61  | 45.87.121  | Intermediate plate, left         | SPE 104/SPE 106/SPE 107/SPX/LPM II/ILX 10X | 1        |
| 62  | 45.87.502  | Dispensing pillar short          | SPE 10X/SPX 10X                            | 1        |
| 63  | 45.88.026  | PRESSURE LEVER                   |                                            | 1        |
| 64  | 45.88.035  | Limit stop                       | Spectra/SPE/SPX/ILX 10X                    | 1        |
| 65  | 45.88.045A | Sole plate                       | Spectra II/LPM II/SPE II                   | 1        |
| 66  | 45.88.101  | Profile, above 140 mm            | Spectra/SPE/SPX/ILX 10X                    | 1        |
| 67  | 45.88.405A | SPACER BLOCK                     |                                            | 1        |
| 68  | 46.87.102  | Printhead shaft, left            | SPE 107/LPM II 107, left                   | 1        |
| 69  | 46.87.105  | Bearing pillar for label guiding | SPE 10X/SPX/Duoprint 107/LPM II 10X        | 1        |
| 70  | 46.87.120  | Brush shaft                      | SPE 10X/SPX/LPM II 10X                     | 4        |
| 71  | 46.88.033A | Transmission shaft               | Spectra II/ILX 10X/SPE II                  | 2        |
| 72  | 46.88.115  | Straight shaft                   | Spectra/SPE/SPX/ILX 10X                    | 1        |
| 73  | 46.88.120  | Ribbon rewinding/unwinding shaft | Spectra/SPE/SPX/Vita/ILX 10X/ALP           | 2        |
| 74  | 47.03.003V | Hexagon nut M3 stainless         |                                            | 4        |
| 75  | 47.03.004V | Hexagon nut M4 stainless         |                                            | 2        |
| 76  | 47.04.001V | Hexagon nut M3 stainless         |                                            | 1        |
| 77  | 47.05.001V | Hexagon nut M4 stainless         |                                            | 2        |
| 78  | 47.05.002V | Hexagon nut M5 stainless         |                                            | 8        |
| 79  | 48.02.303V | M3x2 DIN 923                     |                                            | 2        |
| 80  | 48.04.208V | Screw M2x8 stainless             |                                            | 2        |
| 81  | 48.10.005V | Setscrew M4x4 stainless          |                                            | 8        |
| 82  | 48.10.007V | SCREW M3X12 DIN913               |                                            | 11       |
| 83  | 48.10.408V | Setscrew M4x8 stainless          |                                            | 3        |
| 84  | 48.10.412V | Setscrew M4x12 stainless         |                                            | 17       |

\*Recommended spare part

## 71.87.726C

SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING

| Pos | Ident-No.  | Description1                       | Description2                         | Quantity |
|-----|------------|------------------------------------|--------------------------------------|----------|
| 85  | 48.10.505V | Setscrew M5x5 stainless            |                                      | 5        |
| 86  | 48.13.212  | Screw 22x4.5                       |                                      | 2        |
| 87  | 48.14.205V | Pan screw M2.5x5 stainless         |                                      | 2        |
| 88  | 48.15.204V | Countersunk screw M2.5x4 stainless |                                      | 4        |
| 89  | 48.15.304V | Countersunk screw M3x4 stainless   |                                      | 2        |
| 90  | 48.16.020  | Knurled knob M3x12                 |                                      | 2        |
| 91  | 48.16.306V | Socket cap screw M3x6 stainless    |                                      | 12       |
| 92  | 48.16.312V | Socket cap screw M3x12 stainless   |                                      | 2        |
| 93  | 48.16.314V | SCREW A2                           | M3x14                                | 2        |
| 94  | 48.16.316V | Socket cap screw M3x16 stainless   |                                      | 4        |
| 95  | 48.16.325V | Socket cap screw M3x25 stainless   |                                      | 2        |
| 96  | 48.16.412V | Socket cap screw M4x12 stainless   |                                      | 9        |
| 97  | 48.16.460V | Socket cap screw M4x60 stainless   |                                      | 1        |
| 98  | 48.18.020  | Spring pressure piece              |                                      | 1        |
| 99  | 48.19.310V | Socket cap screw M3x10             |                                      | 1        |
| 100 | 48.19.316V | INBUS M3x16                        |                                      | 5        |
| 101 | 48.19.410V | Socket cap screw M4x10 stainless   |                                      | 1        |
| 102 | 48.19.412V | HEXAGON SCREW A2 M4X12 DIN7991     |                                      | 1        |
| 103 | 48.19.416V | HEXAGON SCREW A2 M4X16 DIN7991     |                                      | 12       |
| 104 | 48.24.304V | Pan screw M3x4                     |                                      | 4        |
| 105 | 48.24.306V | INBUS A2 STAINLESS M3x6            |                                      | 11       |
| 106 | 48.24.406V | Pan screw M4x6 stainless           |                                      | 1        |
| 107 | 48.24.410V | INBUS A2 STAINLESS M4x10           |                                      | 9        |
| 108 | 48.24.510V | INBUS A2 STAINLESS M5x10           |                                      | 8        |
| 109 | 48.26.306V | INBUS A2 STAINLESS M3x6            |                                      | 6        |
| 110 | 48.26.410V | Screw-and-washer assembly M4x10    |                                      | 21       |
| 111 | 48.87.010  | Adjusting screw                    | SPE/Spectra 107/Spectra 160/Duoprint | 4        |
| 112 | 50.01.009V | Lock washer M2 stainless           |                                      | 2        |

\*Recommended spare part

## 71.87.726C

SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING

| Pos  | Ident-No.  | Description1                 | Description2                                    | Quantity |
|------|------------|------------------------------|-------------------------------------------------|----------|
| 113  | 50.01.046V | Lock washer M4 stainless     |                                                 | 5        |
| 114  | 50.01.057V | Washer 3.2 stainless         |                                                 | 6        |
| 115  | 50.01.065V | Lock washer 4.3 stainless    |                                                 | 1        |
| 116  | 50.50.502  | WASHER                       |                                                 | 1        |
| 117  | 50.50.802  | Washer 8x14x0.2              |                                                 | 1        |
| 118  | 50.50.810  | Washer 8x14x1.0              |                                                 | 1        |
| 119* | 50.88.001  | Striker arm plate            | Spectra/SPE/SPX/DPM III+IV/Vario II/Vita/FC/ALP | 2        |
| 120  | 52.02.047  | Tension spring               | Desco/Spectra/SPE/SPX/ILX                       | 1        |
| 121  | 52.02.048  | Tension spring               | Desco/SPE/ILX 10X/SPE II                        | 2        |
| 122  | 52.04.002  | Cup spring                   |                                                 | 1        |
| 123  | 52.04.004  | Cup spring                   |                                                 | 2        |
| 124* | 52.55.010  | Tension spring               |                                                 | 1        |
| 125* | 52.88.005  | Compression spring           | Spectra/DPM/SPE/Vario/SPX/Vita/Flexicode/ALP    | 2        |
| 126  | 55.10.001  | Self-adhesive scale          |                                                 | 1        |
| 127* | 57.01.002  | Grooved ball bearing         |                                                 | 2        |
| 128* | 57.01.007  | Grooved ball bearing         |                                                 | 8        |
| 129* | 57.01.008  | Grooved ball bearing         |                                                 | 2        |
| 130* | 57.02.105  | Bearing                      | Spectra                                         | 1        |
| 131* | 57.02.108  | Bearing                      | Spectra                                         | 1        |
| 132* | 57.03.010  | Grooved ball bearing         |                                                 | 1        |
| 133  | 57.87.001C | LOCK HINGE                   |                                                 | 2        |
| 134  | 59.87.015C | COGGED BELT DRIVE            |                                                 | 1        |
| 135  | 59.87.324C | COGGED BELT                  |                                                 | 1        |
| 136  | 59.87.369C | COGGED BELT                  |                                                 | 1        |
| 137  | 59.88.015  | COGGED BELT DRIVE SPECTRA II |                                                 | 1        |
| 138  | 59.88.032  | Toothed belt wheel           | Spectra/SPE/SPX/Vita/Flexicode/ALP              | 1        |
| 139  | 59.88.033  | Toothed belt wheel           | Spectra/SPE/SPX/Vita/ILX                        | 2        |
| 140  | 67.79.050  | BRACKET FOR PHOTO CELL       |                                                 | 1        |

\*Recommended spare part

## 71.87.726C

SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING

| Pos  | Ident-No.  | Description1                            | Description2                                     | Quantity |
|------|------------|-----------------------------------------|--------------------------------------------------|----------|
| 141  | 67.87.006C | COVER BEHIND                            | SPE II LEFT                                      | 1        |
| 142  | 67.87.009C | GUSSET                                  |                                                  | 1        |
| 143  | 67.87.016C | SOLE PLATE                              |                                                  | 1        |
| 144  | 67.87.026C | SOLE PLATE                              |                                                  | 1        |
| 145  | 67.87.036  | Cross bar, left                         | SPE 107/SPE 160                                  | 1        |
| 146  | 67.87.055C | SLIDER                                  |                                                  | 1        |
| 147  | 67.87.056C | SLIDER                                  |                                                  | 1        |
| 148  | 67.87.103C | COVER                                   |                                                  | 1        |
| 149  | 67.87.113C | COVER                                   |                                                  | 1        |
| 150  | 67.87.125C | COVER SHEET BELOW                       |                                                  | 1        |
| 151  | 67.88.030  | Sole plate ribbon rewinder              | Spectra/Spectra II/SPE/Vario/SPX/Vita            | 1        |
| 152  | 67.88.065  | Circuit plate                           | Spectra/SPE/SPX                                  | 1        |
| 153  | 67.88.080  | Adjusting plate                         | Spectra/SPE/SPX                                  | 1        |
| 154* | 70.39.401  | Power electronics                       | Spectra II 216/ILX 10X/APL/SPE II                | 1        |
| 155  | 70.39.406  | Power electronics                       |                                                  | 1        |
| 156  | 70.39.713  | DISTRIBUTION BOARD PRINT UNIT           | SPE II                                           | 1        |
| 157* | 71.83.019  | Label photocell cpl, transmission above | SPX/ILX/SPE                                      | 1        |
| 158  | 71.87.010C | Stepper motor feed cpl                  | SPE II                                           | 1        |
| 159  | 71.87.015C | Stepper motor for transfer ribbon cpl   | SPE II 107/SPE II 160                            | 1        |
| 160  | 71.87.050C | Photocell cpl, length = 210 mm          | SPE II                                           | 2        |
| 161  | 71.87.060C | Cover sensor cpl                        | SPE II                                           | 1        |
| 162  | 71.87.065C | Lighting cpl                            | SPE II                                           | 1        |
| 163  | 71.87.402C | Stepper motor ribbon saving cpl         | SPE II 107/160, left                             | 1        |
| 164  | 72.74.010  | Bearing ring                            | ILX/Spectra II/LPM II/SPE II                     | 1        |
| 165  | 72.79.045  | Backfeed plate cpl                      | Flexicode/Spectra II/LPM II/SPE II               | 1        |
| 166  | 72.87.006C | Carrier plate cpl                       | SPE II 107/SPE II 160, left                      | 1        |
| 167  | 72.87.010  | Adjusting device cpl                    | SPE 107/SPE 160/Spectra 107/Spectra 160/Duoprint | 2        |
| 168  | 72.87.012  | Adjusting device cpl                    | SPE 107/SPE 160/Spectra 107/Spectra 160/Duoprint | 2        |

\*Recommended spare part

## 71.87.726C

SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING

| Pos | Ident-No.  | Description1                          | Description2                  | Quantity |
|-----|------------|---------------------------------------|-------------------------------|----------|
| 169 | 72.87.101C | Ribbon rewinding/unwinding roller cpl | SPE II 10X                    | 2        |
| 170 | 72.87.106  | Pressure shaft cpl, left side         | SPE/SPX/ILX 10X, left         | 1        |
| 171 | 72.87.120  | Brush shaft cpl                       | SPE 10X/SPX/ILX 10X/LPM II    | 2        |
| 172 | 72.87.426  | Sole plate for ribbon saving          | SPE 107/SPE 160, left/LPM II  | 1        |
| 173 | 72.88.049  | Toothed belt wheel cpl                | Spectra/SPE/SPX/Flexicode/ILX | 1        |
| 174 | 72.88.401A | Washer cpl                            | Spectra II 10X/SPE II 107     | 1        |

\*Recommended spare part

Modifications and errors excepted

SPE II: 06.2023

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## 71.87.736C

SPE II 107-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, DISPENSER, RIBBON SAVING

| Pos | Ident-No.  | Description1                                       | Description2                       | Quantity |
|-----|------------|----------------------------------------------------|------------------------------------|----------|
| 1   | 71.86.592C | Label dispenser mounting kit                       | SPE II 10X, left                   | 1        |
| 2   | 71.87.726C | SPE II 107-12 "CV" print mechanism, thermal transf | left, w/o dispenser, ribbon saving | 1        |

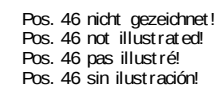
\*Recommended spare part

Modifications and errors excepted

SPE II: 06.2023

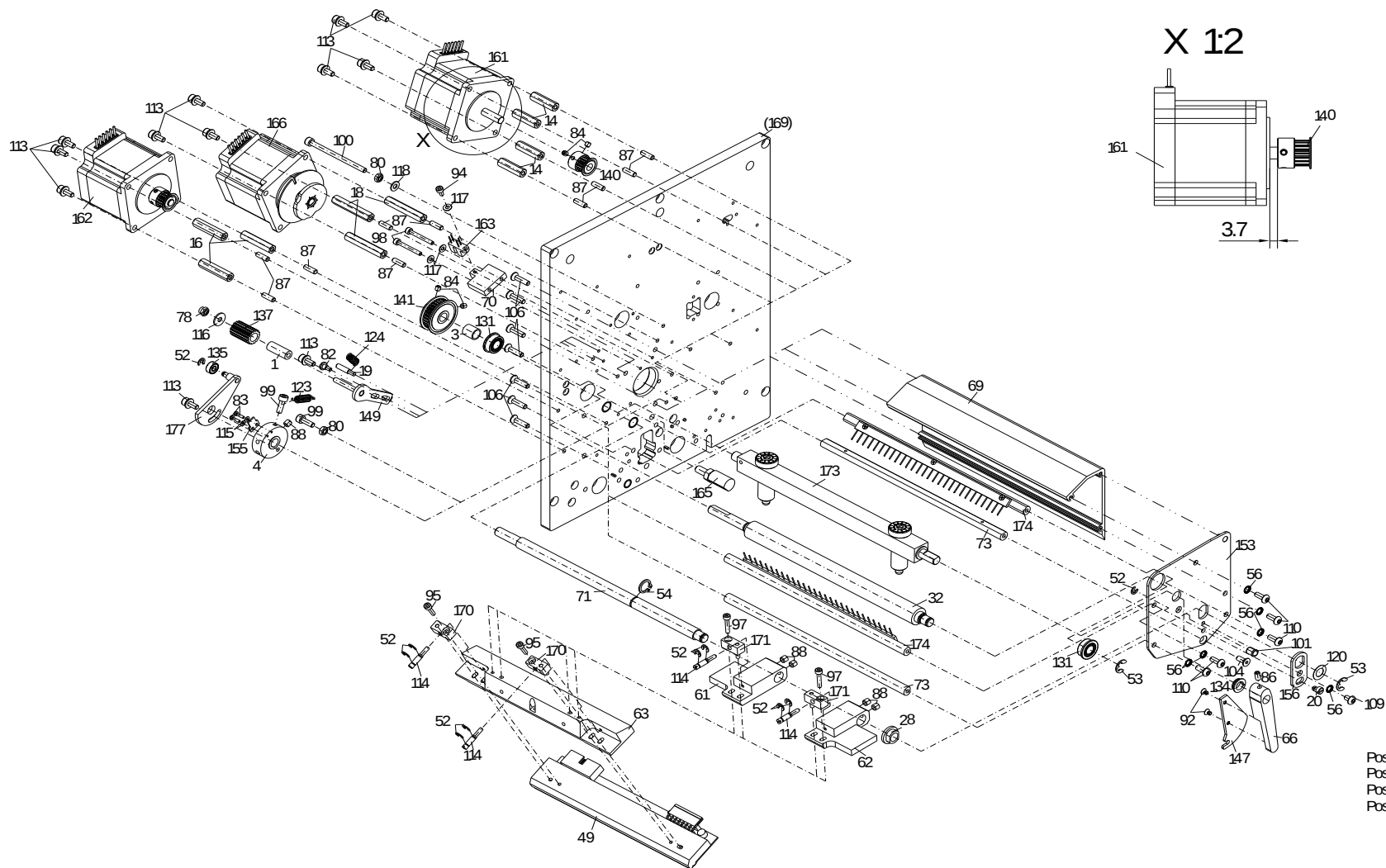
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**SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING**



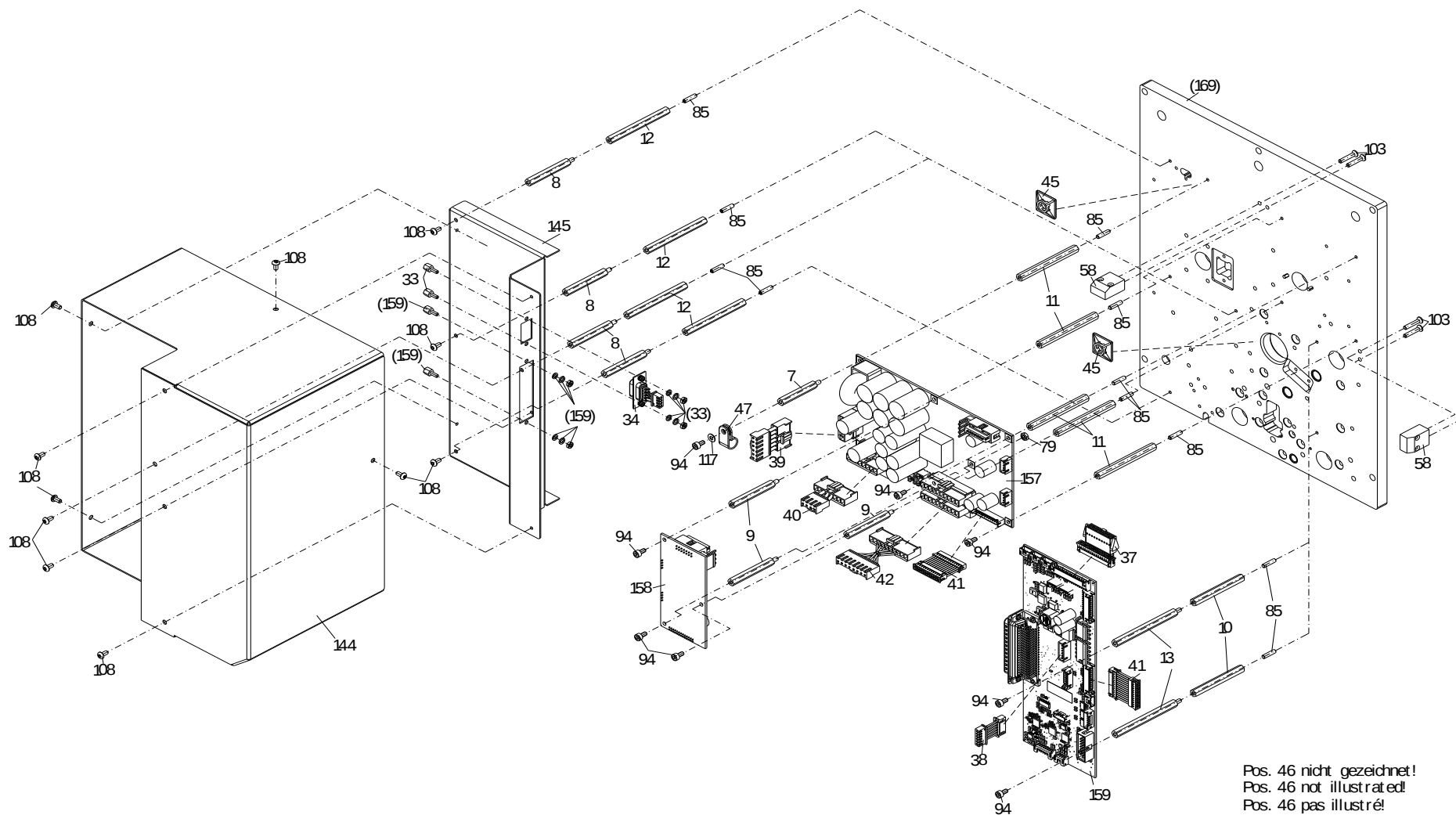
# 71.87.806C

SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING



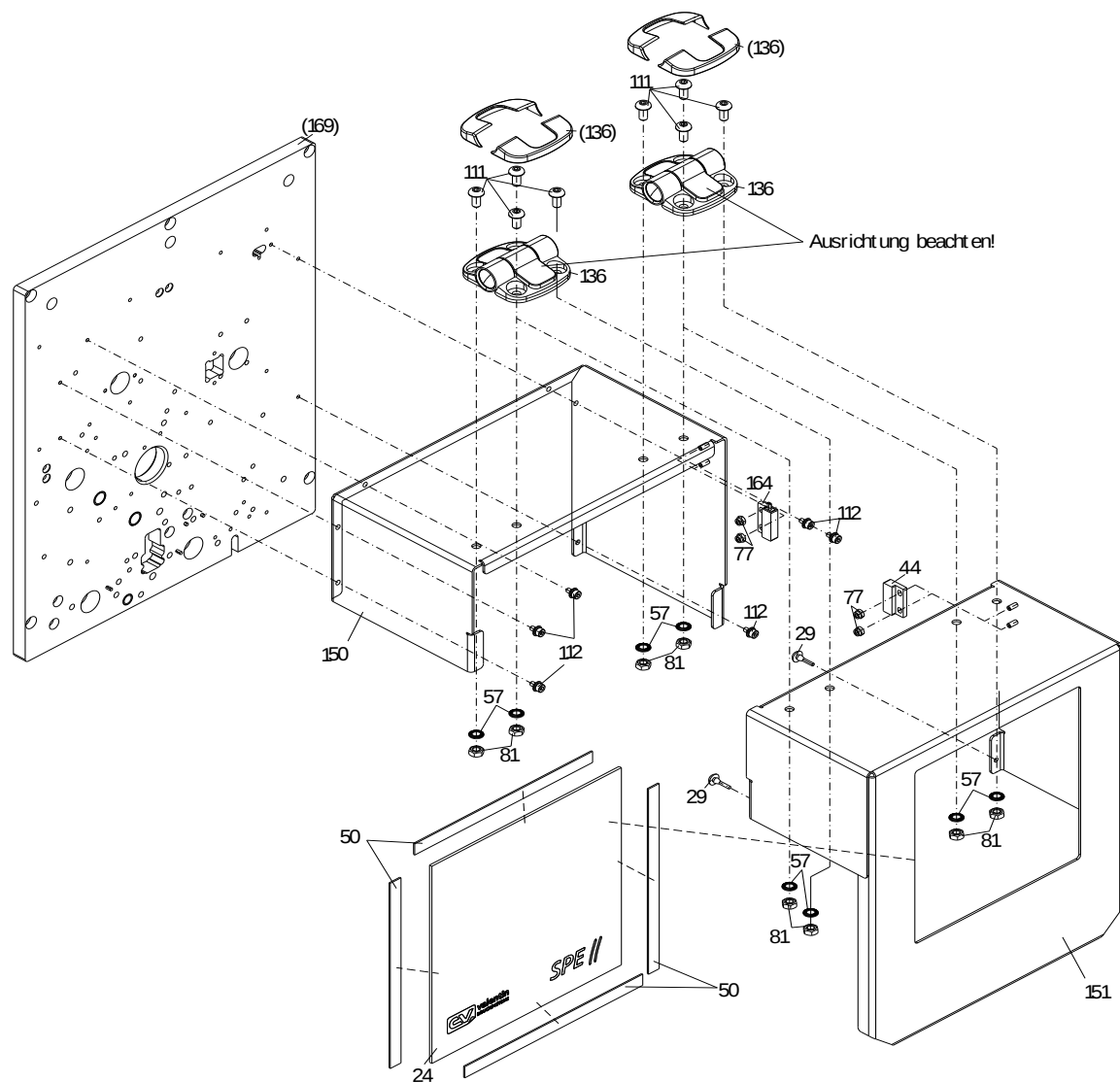
## 71.87.806C

SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING



## 71.87.806C

SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING



Pos. 46 nicht gezeichnet!  
Pos. 46 not illustrated!  
Pos. 46 pas illustré!  
Pos. 46 sin ilustración!

## 71.87.806C

SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING

| Pos | Ident-No.    | Description1            | Description2                                 | Quantity |
|-----|--------------|-------------------------|----------------------------------------------|----------|
| 1   | 10.87.001C   | BUSH BEARING            |                                              | 1        |
| 2   | 10.88.001    | Bearing bush            | Spectra/SPE/DPM/SPX/Vita/Flexicode/ILX/ALP   | 2        |
| 3   | 10.88.015    | Spacer sleeve           | Spectra/SPE/Vario/SPX/Vita                   | 1        |
| 4   | 10.88.025    | Bearing ring            | Spectra/SPE/SPX                              | 1        |
| 5   | 10.88.036    | Knurled knob            | Spectra II/SPE II                            | 1        |
| 6   | 10.89.035    | Bearing bush            | ALP/SPE II                                   | 1        |
| 7   | 12.40.335    | Distance bolt M3x35     |                                              | 1        |
| 8   | 12.40.341    | DISTANCE BOLT M3 X 41   |                                              | 4        |
| 9   | 12.40.342    | DISTANCE BOLT M3 X 42   |                                              | 3        |
| 10  | 12.40.3501   | DISTANCE BOLT M3x50     |                                              | 2        |
| 11  | 12.40.359    | DISTANCE BOLT M3 X 58,5 |                                              | 5        |
| 12  | 12.40.361    | Distance bolt M3x60     |                                              | 4        |
| 13  | 12.40.362    | DISTANCE BOLT M3 X 62   |                                              | 2        |
| 14  | 12.40.425    | DISTANCE BOLT M4 X 25   |                                              | 4        |
| 15  | 12.40.4308   | Distance bolt M4x30.8   |                                              | 4        |
| 16  | 12.40.432    | DISTANCE BOLT M4 X 32   |                                              | 3        |
| 17  | 12.40.434    | Distance bolt M4x34.8   |                                              | 3        |
| 18  | 12.40.440    | Distance bolt M4x40     |                                              | 3        |
| 19  | 12.87.042B-2 | Bearing pin, short      | LPM II "GEA"/SPE II                          | 2        |
| 20* | 12.88.030    | Eccentric pin           | Spectra/SPE/SPX                              | 1        |
| 21  | 12.88.035A   | LOCK PIN                |                                              | 1        |
| 22  | 16.56.045    | Supporting piece        | Vario III/Spectra II/ILX 10X/SPE II          | 2        |
| 23  | 16.74.006    | Label guiding, inside   | ILX 10X/SPE II                               | 1        |
| 24  | 16.87.001C   | WINDOW "CV"             |                                              | 1        |
| 25  | 16.87.005    | Label guiding           | SPE/SPX/Duoprint/ILX                         | 1        |
| 26  | 16.87.030C   | BOGGIE WHEEL            |                                              | 1        |
| 27  | 16.88.055    | Sprocket wheel          | Spectra/SPE/DPM/Vario/SPX/Vita/Flexicode/ALP | 1        |
| 28  | 16.88.070    | Slide bearing           | Spectra/SPE/SPX/ALP                          | 1        |

\*Recommended spare part

## 71.87.806C

**SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING**

| Pos | Ident-No.   | Description1                                      | Description2                             | Quantity |
|-----|-------------|---------------------------------------------------|------------------------------------------|----------|
| 29  | 18.01.030   | MOUNTING FOOT                                     |                                          | 2        |
| 30  | 18.87.203C  | PRESSURE ROLL                                     |                                          | 1        |
| 31  | 18.87.205C  | TRANSPORT ROLL                                    |                                          | 1        |
| 32* | 18.88.201   | Pressure roller                                   | Duoprint 160/Spectra 162/Spectra 160/SPE | 1        |
| 33  | 25.04.100   | SUB-D fixing set                                  |                                          | 1        |
| 34  | 28.87.001C  | Winder supply line                                | SPE II, right                            | 1        |
| 35  | 28.87.003B  | Connecting cable, encoder-CPU                     | LPM II/SPE II                            | 1        |
| 36  | 28.87.005C  | Photocell cable, transmission-reflexion photocell | SPE II                                   | 1        |
| 37  | 28.87.020C  | CABLE FOR PRINT HEAD SIGNAL                       |                                          | 1        |
| 38  | 28.87.040C  | CONNECTING CABLE 48V                              |                                          | 1        |
| 39  | 28.87.0435C | CONNECTING CABLE 48V                              |                                          | 1        |
| 40  | 28.87.043C  | CONNECTING CABLE 48V                              |                                          | 1        |
| 41  | 28.87.0445C | CONNECTING CABLE MOTOR SIGNALS SPE II             |                                          | 2        |
| 42  | 28.87.212C  | PRINthead CABLE POWER FOR SPE II 160              |                                          | 1        |
| 43  | 31.03.035   | Photocell                                         |                                          | 1        |
| 44  | 31.03.220   | Magnet for Reed sensor                            |                                          | 1        |
| 45  | 35.01.001   | Mounting base self-adhesive 19x19 mm              |                                          | 3        |
| 46  | 35.01.002   | Cable joint 100x2.5 mm                            |                                          | 15       |
| 47  | 35.01.022   | Nylon bracket 7.4-8.4 mm                          |                                          | 1        |
| 48  | 35.04.004   | Tube 3.2 mm, black                                |                                          | 0,02m    |
| 49* | 37.04.1600  | Thermal printhead 160-12                          | Spectra II/SPE II/LPM II/Duoprint        | 1        |
| 50  | 37.68.003   | Double sided adhesive tape 9 mm                   |                                          | 0,01     |
| 51  | 37.88.201   | Antistatic brush                                  | Spectra 160/Spectra 162/SPE/Duoprint 160 | 1        |
| 52  | 40.01.003V  | Shaft protection 3.2 mm stainless                 |                                          | 14       |
| 53  | 40.01.006V  | Shaft protection 6 mm stainless                   |                                          | 8        |
| 54  | 40.02.010V  | LOCKING RING 10mm DIN 471                         |                                          | 1        |
| 55  | 41.03.003V  | Lock washer M3 stainless                          |                                          | 2        |
| 56  | 41.03.004V  | Lock washer M4 stainless                          |                                          | 10       |

\*Recommended spare part

## 71.87.806C

SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING

| Pos | Ident-No.  | Description1                     | Description2                                     | Quantity |
|-----|------------|----------------------------------|--------------------------------------------------|----------|
| 57  | 41.03.005V | Lock washer M5 stainless         |                                                  | 8        |
| 58  | 45.74.010  | Bracket for cover, SRD           | ILX "SRD"/SPE II                                 | 2        |
| 59  | 45.81.020  | Spacer                           | Duoprint/SPX II/Spectra II/LPM II/ILX 10X/SPE II | 1        |
| 60  | 45.87.012C | Bearing for pressure roller      | SPE II                                           | 2        |
| 61  | 45.87.015  | Printhead bearing, left          | SPE 107/Spectra 107/Spectra 160/Duoprint         | 1        |
| 62  | 45.87.020  | Printhead bearing, right         | SPE 107/Spectra 107/Spectra 160/Duoprint         | 1        |
| 63  | 45.87.210  | Printhead bracket                | SPE 160/Spectra 160/Duoprint 160                 | 1        |
| 64  | 45.87.220  | INTERMEDIATE PLATE               |                                                  | 1        |
| 65  | 45.87.504  | Dispensing pillar short          | SPE 16X/SPX 16X                                  | 1        |
| 66  | 45.88.026  | PRESSURE LEVER                   |                                                  | 1        |
| 67  | 45.88.035  | Limit stop                       | Spectra/SPE/SPX/ILX 10X                          | 1        |
| 68  | 45.88.045A | Sole plate                       | Spectra II/LPM II/SPE II                         | 1        |
| 69  | 45.88.201  | Profile, above 200 mm            | Spectra 16X/SPE 160/SPX 162/Duoprint 160         | 1        |
| 70  | 45.88.405A | SPACER BLOCK                     |                                                  | 1        |
| 71  | 46.87.201  | Printhead shaft, right           | SPE 160, right/Spectra 160/Duoprint 160          | 1        |
| 72  | 46.87.205  | Bearing pillar for label guiding | SPE/SPX 162/Duoprint 160/LPM II 16X              | 1        |
| 73  | 46.87.220  | Brush shaft                      | SPE 160/SPE 162/SPX 162                          | 4        |
| 74  | 46.88.033A | Transmission shaft               | Spectra II/ILX 10X/SPE II                        | 2        |
| 75  | 46.88.215  | Straight shaft                   | Duoprint 160/LPM II 16X                          | 1        |
| 76  | 46.88.220  | Ribbon rewinding/unwinding shaft | Spectra 16X/SPE 160/SPX 162/Duopr 160/LPM II 16X | 2        |
| 77  | 47.03.003V | Hexagon nut M3 stainless         |                                                  | 4        |
| 78  | 47.03.004V | Hexagon nut M4 stainless         |                                                  | 2        |
| 79  | 47.04.001V | Hexagon nut M3 stainless         |                                                  | 1        |
| 80  | 47.05.001V | Hexagon nut M4 stainless         |                                                  | 2        |
| 81  | 47.05.002V | Hexagon nut M5 stainless         |                                                  | 8        |
| 82  | 48.02.303V | M3x2 DIN 923                     |                                                  | 2        |
| 83  | 48.04.208V | Screw M2x8 stainless             |                                                  | 2        |
| 84  | 48.10.005V | Setscrew M4x4 stainless          |                                                  | 8        |

\*Recommended spare part

## 71.87.806C

SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING

| Pos | Ident-No.  | Description1                       | Description2 | Quantity |
|-----|------------|------------------------------------|--------------|----------|
| 85  | 48.10.007V | SCREW M3X12 DIN913                 |              | 11       |
| 86  | 48.10.408V | Setscrew M4x8 stainless            |              | 3        |
| 87  | 48.10.412V | Setscrew M4x12 stainless           |              | 17       |
| 88  | 48.10.505V | Setscrew M5x5 stainless            |              | 5        |
| 89  | 48.13.212  | Screw 22x4.5                       |              | 2        |
| 90  | 48.14.205V | Pan screw M2.5x5 stainless         |              | 3        |
| 91  | 48.15.204V | Countersunk screw M2.5x4 stainless |              | 6        |
| 92  | 48.15.304V | Countersunk screw M3x4 stainless   |              | 2        |
| 93  | 48.16.020  | Knurled knob M3x12                 |              | 2        |
| 94  | 48.16.306V | Socket cap screw M3x6 stainless    |              | 12       |
| 95  | 48.16.312V | Socket cap screw M3x12 stainless   |              | 2        |
| 96  | 48.16.314V | SCREW A2                           | M3x14        | 2        |
| 97  | 48.16.316V | Socket cap screw M3x16 stainless   |              | 4        |
| 98  | 48.16.325V | Socket cap screw M3x25 stainless   |              | 2        |
| 99  | 48.16.412V | Socket cap screw M4x12 stainless   |              | 9        |
| 100 | 48.16.460V | Socket cap screw M4x60 stainless   |              | 1        |
| 101 | 48.18.020  | Spring pressure piece              |              | 1        |
| 102 | 48.19.310V | Socket cap screw M3x10             |              | 1        |
| 103 | 48.19.316V | INBUS M3x16                        |              | 5        |
| 104 | 48.19.410V | Socket cap screw M4x10 stainless   |              | 1        |
| 105 | 48.19.412V | HEXAGON SCREW A2 M4X12 DIN7991     |              | 1        |
| 106 | 48.19.416V | HEXAGON SCREW A2 M4X16 DIN7991     |              | 12       |
| 107 | 48.24.304V | Pan screw M3x4                     |              | 4        |
| 108 | 48.24.306V | INBUS A2 STAINLESS M3x6            |              | 11       |
| 109 | 48.24.406V | Pan screw M4x6 stainless           |              | 1        |
| 110 | 48.24.410V | INBUS A2 STAINLESS M4x10           |              | 9        |
| 111 | 48.24.510V | INBUS A2 STAINLESS M5x10           |              | 8        |
| 112 | 48.26.306V | INBUS A2 STAINLESS M3x6            |              | 6        |

\*Recommended spare part

## 71.87.806C

SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING

| Pos  | Ident-No.  | Description1                    | Description2                                    | Quantity |
|------|------------|---------------------------------|-------------------------------------------------|----------|
| 113  | 48.26.410V | Screw-and-washer assembly M4x10 |                                                 | 21       |
| 114  | 48.87.010  | Adjusting screw                 | SPE/Spectra 107/Spectra 160/Duoprint            | 4        |
| 115  | 50.01.009V | Lock washer M2 stainless        |                                                 | 2        |
| 116  | 50.01.046V | Lock washer M4 stainless        |                                                 | 5        |
| 117  | 50.01.057V | Washer 3.2 stainless            |                                                 | 7        |
| 118  | 50.01.065V | Lock washer 4.3 stainless       |                                                 | 1        |
| 119  | 50.50.502  | WASHER                          |                                                 | 1        |
| 120  | 50.50.802  | Washer 8x14x0.2                 |                                                 | 1        |
| 121  | 50.50.810  | Washer 8x14x1.0                 |                                                 | 1        |
| 122* | 50.88.001  | Striker arm plate               | Spectra/SPE/SPX/DPM III+IV/Vario II/Vita/FC/ALP | 2        |
| 123  | 52.02.047  | Tension spring                  | Desco/Spectra/SPE/SPX/ILX                       | 1        |
| 124  | 52.02.048  | Tension spring                  | Desco/SPE/ILX 10X/SPE II                        | 2        |
| 125  | 52.04.002  | Cup spring                      |                                                 | 1        |
| 126  | 52.04.004  | Cup spring                      |                                                 | 2        |
| 127* | 52.55.010  | Tension spring                  |                                                 | 1        |
| 128* | 52.88.005  | Compression spring              | Spectra/DPM/SPE/Vario/SPX/Vita/Flexicode/ALP    | 2        |
| 129  | 55.10.001  | Self-adhesive scale             |                                                 | 1        |
| 130* | 57.01.002  | Grooved ball bearing            |                                                 | 2        |
| 131* | 57.01.007  | Grooved ball bearing            |                                                 | 8        |
| 132* | 57.01.008  | Grooved ball bearing            |                                                 | 2        |
| 133* | 57.02.105  | Bearing                         | Spectra                                         | 1        |
| 134* | 57.02.108  | Bearing                         | Spectra                                         | 1        |
| 135* | 57.03.010  | Grooved ball bearing            |                                                 | 1        |
| 136  | 57.87.001C | LOCK HINGE                      |                                                 | 2        |
| 137  | 59.87.015C | COGGED BELT DRIVE               |                                                 | 1        |
| 138  | 59.87.324C | COGGED BELT                     |                                                 | 1        |
| 139  | 59.87.369C | COGGED BELT                     |                                                 | 1        |
| 140  | 59.88.015  | COGGED BELT DRIVE SPECTRA II    |                                                 | 1        |

\*Recommended spare part

## 71.87.806C

SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING

| Pos  | Ident-No.  | Description1                            | Description2                          | Quantity |
|------|------------|-----------------------------------------|---------------------------------------|----------|
| 141  | 59.88.032  | Toothed belt wheel                      | Spectra/SPE/SPX/Vita/Flexicode/ALP    | 1        |
| 142  | 59.88.033  | Toothed belt wheel                      | Spectra/SPE/SPX/Vita/ILX              | 2        |
| 143  | 67.79.050  | BRACKET FOR PHOTO CELL                  |                                       | 1        |
| 144  | 67.87.005C | COVER BEHIND                            | SPE II RIGHT                          | 1        |
| 145  | 67.87.009C | GUSSET                                  |                                       | 1        |
| 146  | 67.87.025C | SOLE PLATE                              |                                       | 1        |
| 147  | 67.87.035  | Cross bar, right                        | SPE/Spectra107/Spectra 160/Duoprint   | 1        |
| 148  | 67.87.055C | SLIDER                                  |                                       | 1        |
| 149  | 67.87.056C | SLIDER                                  |                                       | 1        |
| 150  | 67.87.202C | COVER                                   |                                       | 1        |
| 151  | 67.87.212C | COVER                                   |                                       | 1        |
| 152  | 67.87.225C | COVER SHEET BELOW                       |                                       | 1        |
| 153  | 67.88.017A | SOLE PLATE ABOVE                        |                                       | 1        |
| 154  | 67.88.030  | Sole plate ribbon rewinder              | Spectra/Spectra II/SPE/Vario/SPX/Vita | 1        |
| 155  | 67.88.065  | Circuit plate                           | Spectra/SPE/SPX                       | 1        |
| 156  | 67.88.080  | Adjusting plate                         | Spectra/SPE/SPX                       | 1        |
| 157* | 70.39.401  | Power electronics                       | Spectra II 216/ILX 10X/APL/SPE II     | 1        |
| 158  | 70.39.406  | Power electronics                       |                                       | 1        |
| 159  | 70.39.713  | DISTRIBUTION BOARD PRINT UNIT           | SPE II                                | 1        |
| 160* | 71.83.019  | Label photocell cpl, transmission above | SPX/ILX/SPE                           | 1        |
| 161  | 71.87.010C | Stepper motor feed cpl                  | SPE II                                | 1        |
| 162  | 71.87.015C | Stepper motor for transfer ribbon cpl   | SPE II 107/SPE II 160                 | 1        |
| 163  | 71.87.050C | Photocell cpl, length = 210 mm          | SPE II                                | 2        |
| 164  | 71.87.060C | Cover sensor cpl                        | SPE II                                | 1        |
| 165  | 71.87.065C | Lighting cpl                            | SPE II                                | 1        |
| 166  | 71.87.405C | Stepper motor ribbon saving cpl         | SPE II 107/SPE II 160, right          | 1        |
| 167  | 72.74.010  | Bearing ring                            | ILX/Spectra II/LPM II/SPE II          | 1        |
| 168  | 72.79.045  | Backfeed plate cpl                      | Flexicode/Spectra II/LPM II/SPE II    | 1        |

\*Recommended spare part

## 71.87.806C

**SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, W/O DISPENSER, RIBBON SAVING**

| Pos  | Ident-No.  | Description1                        | Description2                                     | Quantity |
|------|------------|-------------------------------------|--------------------------------------------------|----------|
| 169  | 72.87.005C | Carrier plate cpl                   | SPE II 107/SPE II 160, right                     | 1        |
| 170  | 72.87.010  | Adjusting device cpl                | SPE 107/SPE 160/Spectra 107/Spectra 160/Duoprint | 2        |
| 171  | 72.87.012  | Adjusting device cpl                | SPE 107/SPE 160/Spectra 107/Spectra 160/Duoprint | 2        |
| 172  | 72.87.201C | Ribbon rewinder/unwinder roller cpl | SPE II 16X                                       | 2        |
| 173  | 72.87.205  | Pressure shaft KCE cpl              | SPE 160, right/SPECTRA 160/Duoprint 160          | 1        |
| 174  | 72.87.220  | Brush shaft cpl                     | SPE 160/SPE 162/SPX 162/LPM II 16X               | 2        |
| 175* | 72.88.048  | Toothed belt wheel cpl              | Spectra/SPE/Vario/SPX/Vita/Flexicode/ILX/ALP     | 1        |
| 176  | 72.88.403A | Washer cpl                          | Spectra II 16X/SPE II 160                        | 1        |
| 177  | 72.88.425  | Sole plate ribbon saving cpl        | Spectra/SPE/Duoprint                             | 1        |

\*Recommended spare part

Modifications and errors excepted

SPE II: 06.2023

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## 71.87.816C

SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
RIGHT, DISPENSER, RIBBON SAVING

| Pos | Ident-No.  | Description1                                       | Description2                        | Quantity |
|-----|------------|----------------------------------------------------|-------------------------------------|----------|
| 1   | 71.86.595C | Label dispenser mounting kit                       | SPE II 16X, right                   | 1        |
| 2   | 71.87.806C | SPE II 160-12 "CV" print mechanism, thermal transf | right, w/o dispenser, ribbon saving | 1        |

\*Recommended spare part

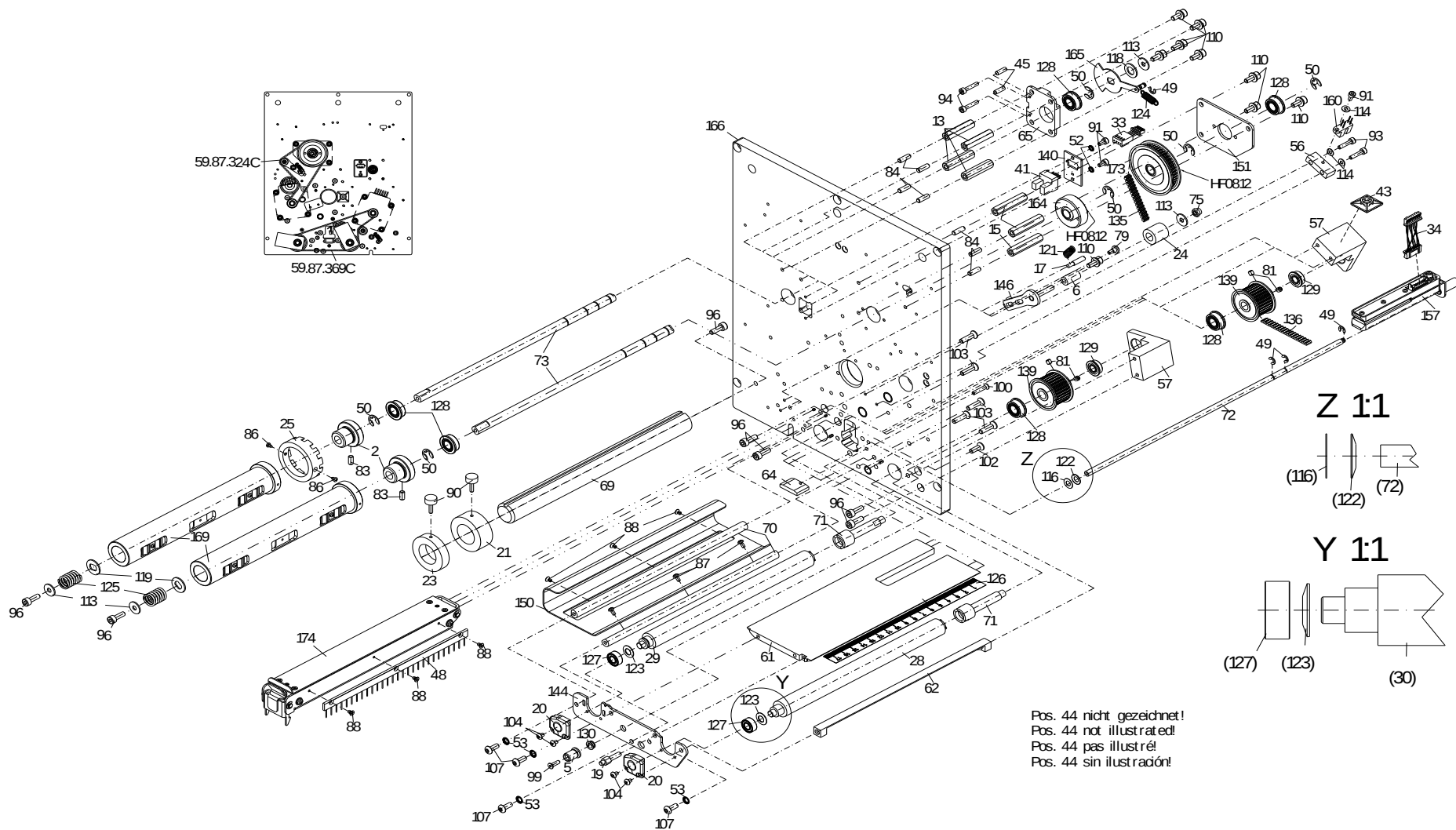
Modifications and errors excepted

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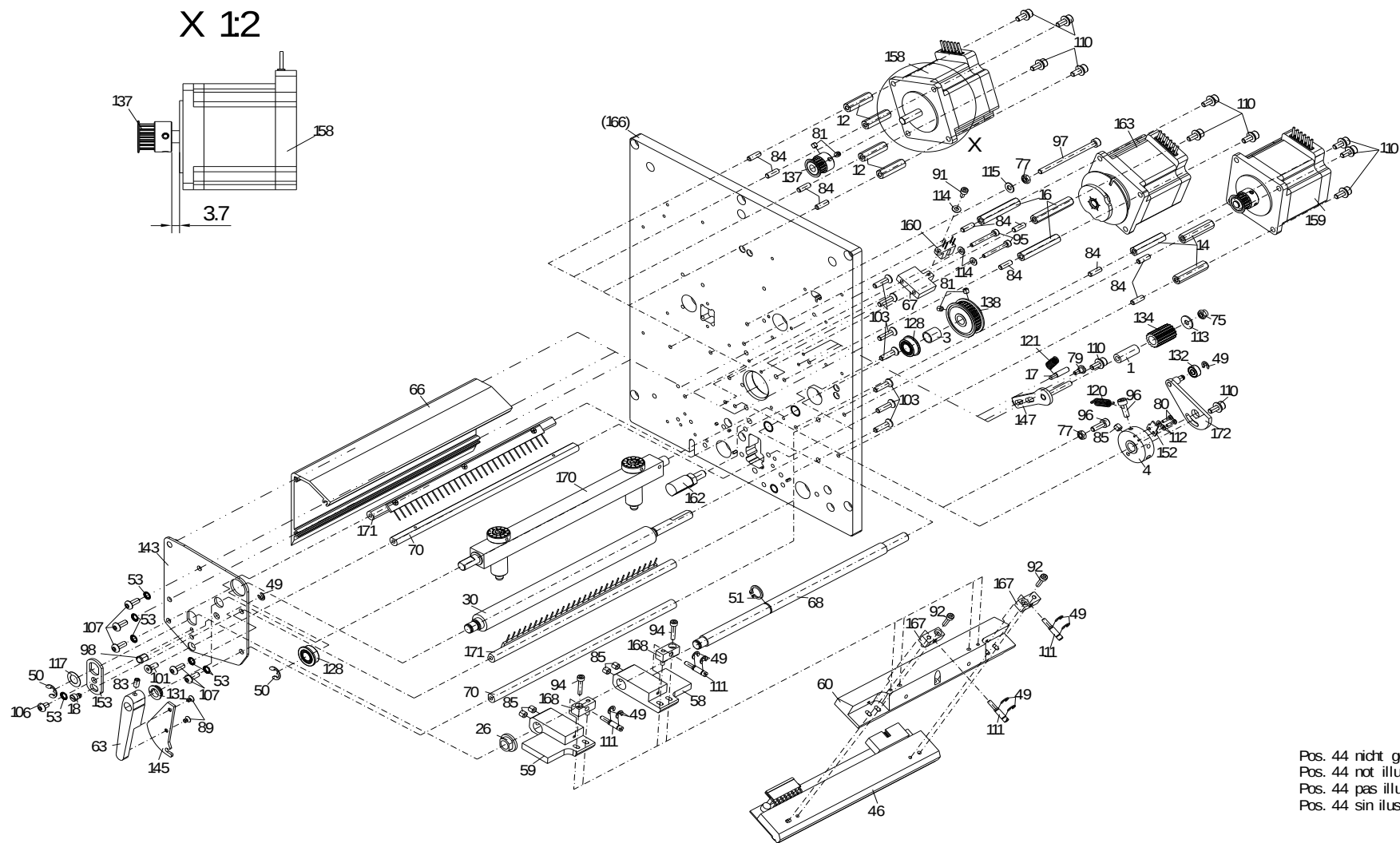
# 71.87.826C

SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING



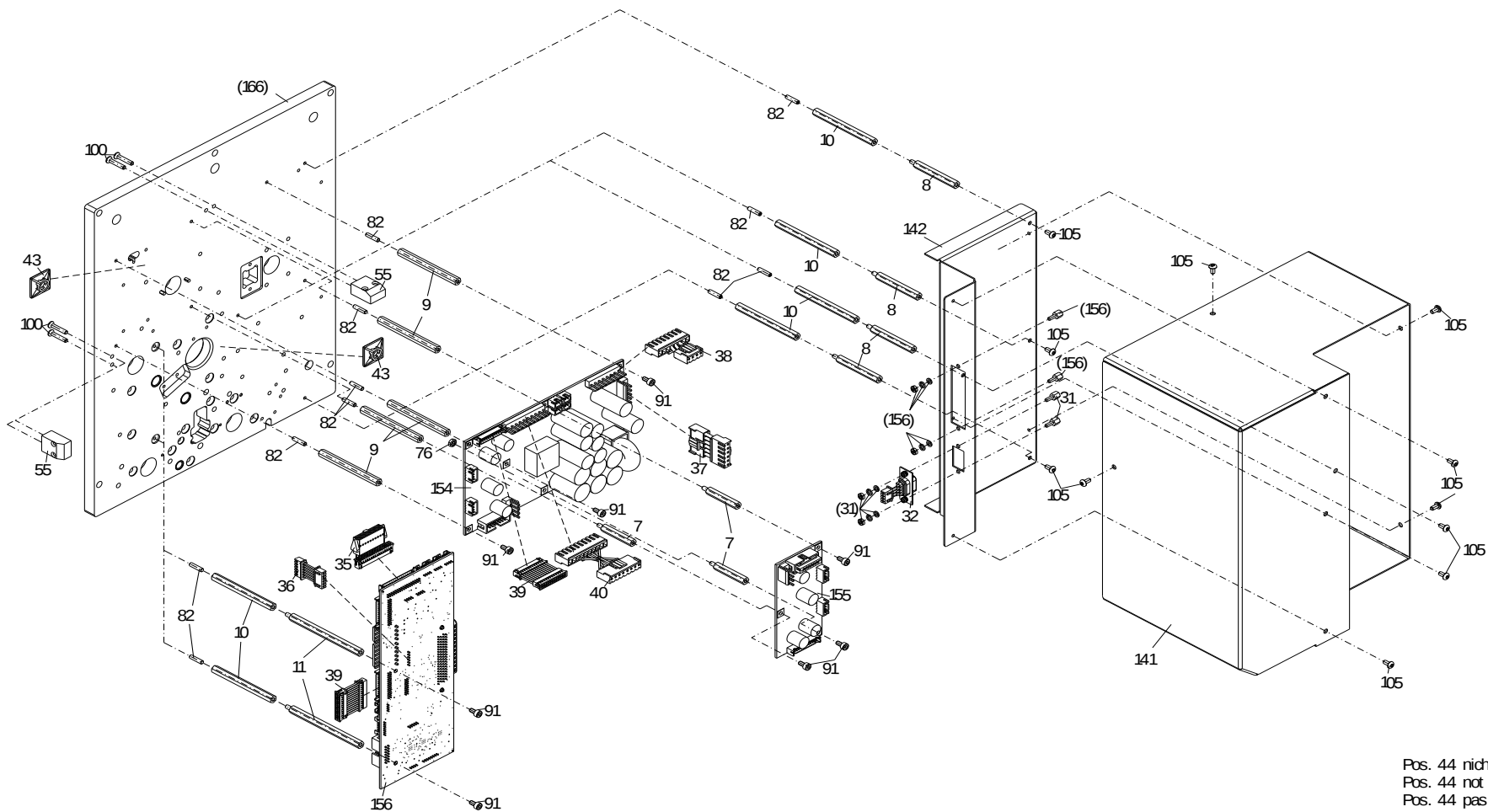
# 71.87.826C

SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING



## 71.87.826C

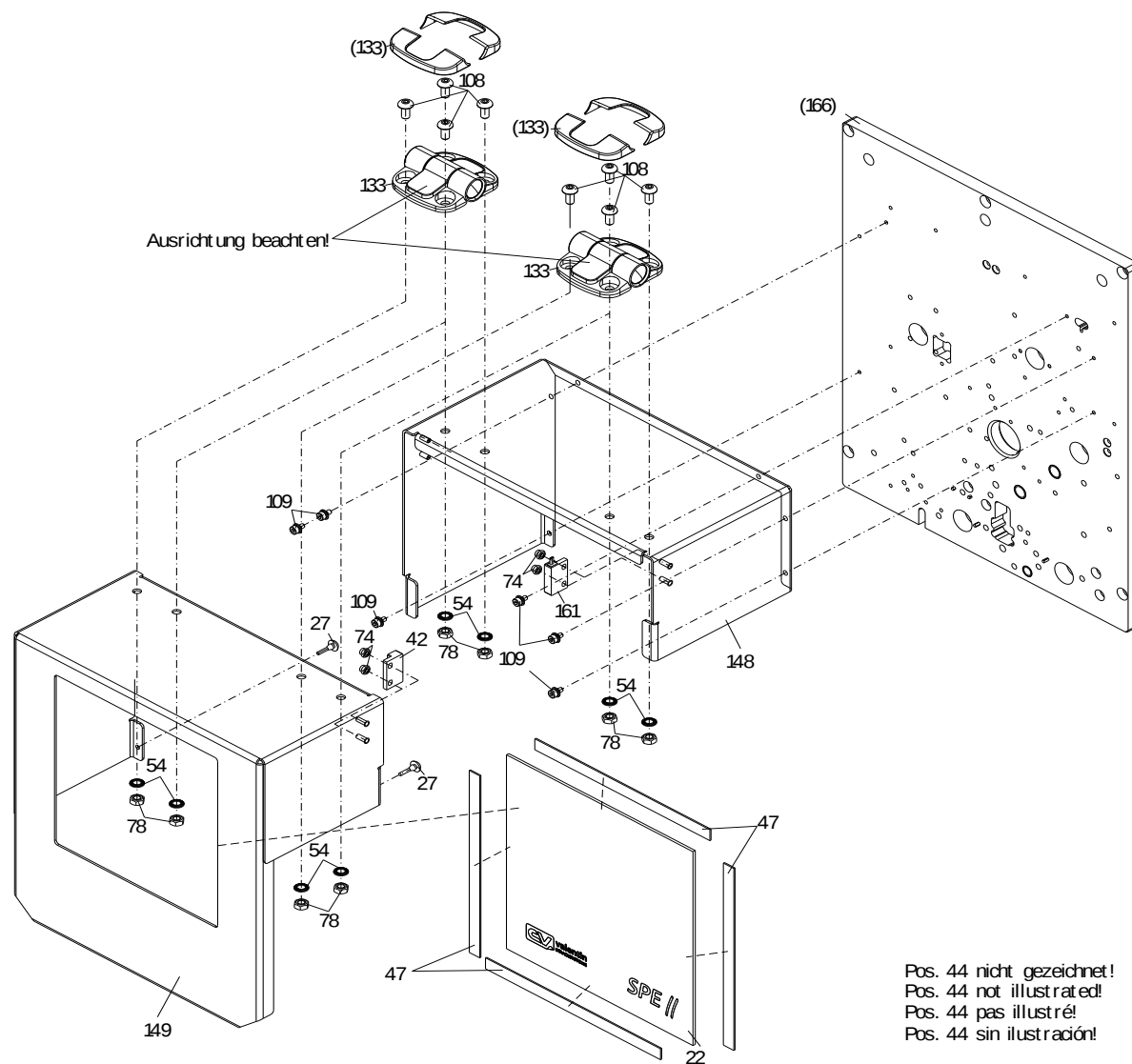
SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING



Pos. 44 nicht gezeichnet!  
Pos. 44 not illustrated!  
Pos. 44 pas illustré!  
Pos. 44 sin ilustración!

## 71.87.826C

SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING



## 71.87.826C

SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING

| Pos | Ident-No.    | Description1            | Description2                                 | Quantity |
|-----|--------------|-------------------------|----------------------------------------------|----------|
| 1   | 10.87.001C   | BUSH BEARING            |                                              | 1        |
| 2   | 10.88.001    | Bearing bush            | Spectra/SPE/DPM/SPX/Vita/Flexicode/ILX/ALP   | 2        |
| 3   | 10.88.015    | Spacer sleeve           | Spectra/SPE/Vario/SPX/Vita                   | 1        |
| 4   | 10.88.025    | Bearing ring            | Spectra/SPE/SPX                              | 1        |
| 5   | 10.88.036    | Knurled knob            | Spectra II/SPE II                            | 1        |
| 6   | 10.89.035    | Bearing bush            | ALP/SPE II                                   | 1        |
| 7   | 12.40.331    | DISTANCE BOLT M3 X 30   |                                              | 3        |
| 8   | 12.40.341    | DISTANCE BOLT M3 X 41   |                                              | 4        |
| 9   | 12.40.359    | DISTANCE BOLT M3 X 58,5 |                                              | 5        |
| 10  | 12.40.361    | Distance bolt M3x60     |                                              | 6        |
| 11  | 12.40.370    | Distance bolt M3x70     |                                              | 2        |
| 12  | 12.40.425    | DISTANCE BOLT M4 X 25   |                                              | 4        |
| 13  | 12.40.4308   | Distance bolt M4x30.8   |                                              | 4        |
| 14  | 12.40.432    | DISTANCE BOLT M4 X 32   |                                              | 3        |
| 15  | 12.40.434    | Distance bolt M4x34.8   |                                              | 3        |
| 16  | 12.40.440    | Distance bolt M4x40     |                                              | 3        |
| 17  | 12.87.042B-2 | Bearing pin, short      | LPM II "GEA"/SPE II                          | 2        |
| 18* | 12.88.030    | Eccentric pin           | Spectra/SPE/SPX                              | 1        |
| 19  | 12.88.035A   | LOCK PIN                |                                              | 1        |
| 20  | 16.56.045    | Supporting piece        | Vario III/Spectra II/ILX 10X/SPE II          | 2        |
| 21  | 16.74.006    | Label guiding, inside   | ILX 10X/SPE II                               | 1        |
| 22  | 16.87.001C   | WINDOW "CV"             |                                              | 1        |
| 23  | 16.87.005    | Label guiding           | SPE/SPX/Duoprint/ILX                         | 1        |
| 24  | 16.87.030C   | BOGGIE WHEEL            |                                              | 1        |
| 25  | 16.88.055    | Sprocket wheel          | Spectra/SPE/DPM/Vario/SPX/Vita/Flexicode/ALP | 1        |
| 26  | 16.88.070    | Slide bearing           | Spectra/SPE/SPX/ALP                          | 1        |
| 27  | 18.01.030    | MOUNTING FOOT           |                                              | 2        |
| 28  | 18.87.203C   | PRESSURE ROLL           |                                              | 1        |

\*Recommended spare part

## 71.87.826C

**SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING**

| Pos | Ident-No.   | Description1                                      | Description2                                     | Quantity |
|-----|-------------|---------------------------------------------------|--------------------------------------------------|----------|
| 29  | 18.87.205C  | TRANSPORT ROLL                                    |                                                  | 1        |
| 30* | 18.88.201   | Pressure roller                                   | Duoprint 160/Spectra 162/Spectra 160/SPE         | 1        |
| 31  | 25.04.100   | SUB-D fixing set                                  |                                                  | 1        |
| 32  | 28.87.002C  | Winder supply line                                | SPE II, left                                     | 1        |
| 33  | 28.87.003B  | Connecting cable, encoder-CPU                     | LPM II/SPE II                                    | 1        |
| 34  | 28.87.005C  | Photocell cable, transmission-reflexion photocell | SPE II                                           | 1        |
| 35  | 28.87.020C  | CABLE FOR PRINT HEAD SIGNAL                       |                                                  | 1        |
| 36  | 28.87.040C  | CONNECTING CABLE 48V                              |                                                  | 1        |
| 37  | 28.87.0435C | CONNECTING CABLE 48V                              |                                                  | 1        |
| 38  | 28.87.043C  | CONNECTING CABLE 48V                              |                                                  | 1        |
| 39  | 28.87.0445C | CONNECTING CABLE MOTOR SIGNALS SPE II             |                                                  | 2        |
| 40  | 28.87.212C  | PRINthead CABLE POWER FOR SPE II 160              |                                                  | 1        |
| 41  | 31.03.035   | Photocell                                         |                                                  | 1        |
| 42  | 31.03.220   | Magnet for Reed sensor                            |                                                  | 1        |
| 43  | 35.01.001   | Mounting base self-adhesive 19x19 mm              |                                                  | 3        |
| 44  | 35.01.002   | Cable joint 100x2.5 mm                            |                                                  | 13       |
| 45  | 35.04.004   | Tube 3.2 mm, black                                |                                                  | 0,02m    |
| 46* | 37.04.1600  | Thermal printhead 160-12                          | Spectra II/SPE II/LPM II/Duoprint                | 1        |
| 47  | 37.68.003   | Double sided adhesive tape 9 mm                   |                                                  | 0,01     |
| 48  | 37.88.201   | Antistatic brush                                  | Spectra 160/Spectra 162/SPE/Duoprint 160         | 1        |
| 49  | 40.01.003V  | Shaft protection 3.2 mm stainless                 |                                                  | 14       |
| 50  | 40.01.006V  | Shaft protection 6 mm stainless                   |                                                  | 8        |
| 51  | 40.02.010V  | LOCKING RING 10mm DIN 471                         |                                                  | 1        |
| 52  | 41.03.003V  | Lock washer M3 stainless                          |                                                  | 2        |
| 53  | 41.03.004V  | Lock washer M4 stainless                          |                                                  | 10       |
| 54  | 41.03.005V  | Lock washer M5 stainless                          |                                                  | 8        |
| 55  | 45.74.010   | Bracket for cover, SRD                            | ILX "SRD"/SPE II                                 | 2        |
| 56  | 45.81.020   | Spacer                                            | Duoprint/SPX II/Spectra II/LPM II/ILX 10X/SPE II | 1        |

\*Recommended spare part

## 71.87.826C

SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING

| Pos | Ident-No.  | Description1                     | Description2                                     | Quantity |
|-----|------------|----------------------------------|--------------------------------------------------|----------|
| 57  | 45.87.012C | Bearing for pressure roller      | SPE II                                           | 2        |
| 58  | 45.87.015  | Printhead bearing, left          | SPE 107/Spectra 107/Spectra 160/Duoprint         | 1        |
| 59  | 45.87.020  | Printhead bearing, right         | SPE 107/Spectra 107/Spectra 160/Duoprint         | 1        |
| 60  | 45.87.210  | Printhead bracket                | SPE 160/Spectra 160/Duoprint 160                 | 1        |
| 61  | 45.87.221  | INTERMEDIATE PLATE               |                                                  | 1        |
| 62  | 45.87.504  | Dispensing pillar short          | SPE 16X/SPX 16X                                  | 1        |
| 63  | 45.88.026  | PRESSURE LEVER                   |                                                  | 1        |
| 64  | 45.88.035  | Limit stop                       | Spectra/SPE/SPX/ILX 10X                          | 1        |
| 65  | 45.88.045A | Sole plate                       | Spectra II/LPM II/SPE II                         | 1        |
| 66  | 45.88.201  | Profile, above 200 mm            | Spectra 16X/SPE 160/SPX 162/Duoprint 160         | 1        |
| 67  | 45.88.405A | SPACER BLOCK                     |                                                  | 1        |
| 68  | 46.87.202  | Printhead shaft, left            | SPE 160/LPM II 160, left                         | 1        |
| 69  | 46.87.205  | Bearing pillar for label guiding | SPE/SPX 162/Duoprint 160/LPM II 16X              | 1        |
| 70  | 46.87.220  | Brush shaft                      | SPE 160/SPE 162/SPX 162                          | 4        |
| 71  | 46.88.033A | Transmission shaft               | Spectra II/ILX 10X/SPE II                        | 2        |
| 72  | 46.88.215  | Straight shaft                   | Duoprint 160/LPM II 16X                          | 1        |
| 73  | 46.88.220  | Ribbon rewinding/unwinding shaft | Spectra 16X/SPE 160/SPX 162/Duopr 160/LPM II 16X | 2        |
| 74  | 47.03.003V | Hexagon nut M3 stainless         |                                                  | 4        |
| 75  | 47.03.004V | Hexagon nut M4 stainless         |                                                  | 2        |
| 76  | 47.04.001V | Hexagon nut M3 stainless         |                                                  | 1        |
| 77  | 47.05.001V | Hexagon nut M4 stainless         |                                                  | 2        |
| 78  | 47.05.002V | Hexagon nut M5 stainless         |                                                  | 8        |
| 79  | 48.02.303V | M3x2 DIN 923                     |                                                  | 1        |
| 80  | 48.04.208V | Screw M2x8 stainless             |                                                  | 2        |
| 81  | 48.10.005V | Setscrew M4x4 stainless          |                                                  | 8        |
| 82  | 48.10.007V | SCREW M3X12 DIN913               |                                                  | 11       |
| 83  | 48.10.408V | Setscrew M4x8 stainless          |                                                  | 3        |
| 84  | 48.10.412V | Setscrew M4x12 stainless         |                                                  | 17       |

\*Recommended spare part

## 71.87.826C

SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING

| Pos | Ident-No.  | Description1                       | Description2                         | Quantity |
|-----|------------|------------------------------------|--------------------------------------|----------|
| 85  | 48.10.505V | Setscrew M5x5 stainless            |                                      | 5        |
| 86  | 48.13.212  | Screw 22x4.5                       |                                      | 2        |
| 87  | 48.14.205V | Pan screw M2.5x5 stainless         |                                      | 3        |
| 88  | 48.15.204V | Countersunk screw M2.5x4 stainless |                                      | 6        |
| 89  | 48.15.304V | Countersunk screw M3x4 stainless   |                                      | 2        |
| 90  | 48.16.020  | Knurled knob M3x12                 |                                      | 2        |
| 91  | 48.16.306V | Socket cap screw M3x6 stainless    |                                      | 12       |
| 92  | 48.16.312V | Socket cap screw M3x12 stainless   |                                      | 2        |
| 93  | 48.16.314V | SCREW A2                           | M3x14                                | 2        |
| 94  | 48.16.316V | Socket cap screw M3x16 stainless   |                                      | 4        |
| 95  | 48.16.325V | Socket cap screw M3x25 stainless   |                                      | 2        |
| 96  | 48.16.412V | Socket cap screw M4x12 stainless   |                                      | 9        |
| 97  | 48.16.460V | Socket cap screw M4x60 stainless   |                                      | 1        |
| 98  | 48.18.020  | Spring pressure piece              |                                      | 1        |
| 99  | 48.19.310V | Socket cap screw M3x10             |                                      | 1        |
| 100 | 48.19.316V | INBUS M3x16                        |                                      | 5        |
| 101 | 48.19.410V | Socket cap screw M4x10 stainless   |                                      | 1        |
| 102 | 48.19.412V | HEXAGON SCREW A2 M4X12 DIN7991     |                                      | 1        |
| 103 | 48.19.416V | HEXAGON SCREW A2 M4X16 DIN7991     |                                      | 12       |
| 104 | 48.24.304V | Pan screw M3x4                     |                                      | 4        |
| 105 | 48.24.306V | INBUS A2 STAINLESS M3x6            |                                      | 11       |
| 106 | 48.24.406V | Pan screw M4x6 stainless           |                                      | 1        |
| 107 | 48.24.410V | INBUS A2 STAINLESS M4x10           |                                      | 9        |
| 108 | 48.24.510V | INBUS A2 STAINLESS M5x10           |                                      | 8        |
| 109 | 48.26.306V | INBUS A2 STAINLESS M3x6            |                                      | 6        |
| 110 | 48.26.410V | Screw-and-washer assembly M4x10    |                                      | 21       |
| 111 | 48.87.010  | Adjusting screw                    | SPE/Spectra 107/Spectra 160/Duoprint | 4        |
| 112 | 50.01.009V | Lock washer M2 stainless           |                                      | 2        |

\*Recommended spare part

## 71.87.826C

SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING

| Pos  | Ident-No.  | Description1                 | Description2                                    | Quantity |
|------|------------|------------------------------|-------------------------------------------------|----------|
| 113  | 50.01.046V | Lock washer M4 stainless     |                                                 | 5        |
| 114  | 50.01.057V | Washer 3.2 stainless         |                                                 | 6        |
| 115  | 50.01.065V | Lock washer 4.3 stainless    |                                                 | 1        |
| 116  | 50.50.502  | WASHER                       |                                                 | 1        |
| 117  | 50.50.802  | Washer 8x14x0.2              |                                                 | 1        |
| 118  | 50.50.810  | Washer 8x14x1.0              |                                                 | 1        |
| 119* | 50.88.001  | Striker arm plate            | Spectra/SPE/SPX/DPM III+IV/Vario II/Vita/FC/ALP | 2        |
| 120  | 52.02.047  | Tension spring               | Desco/Spectra/SPE/SPX/ILX                       | 1        |
| 121  | 52.02.048  | Tension spring               | Desco/SPE/ILX 10X/SPE II                        | 2        |
| 122  | 52.04.002  | Cup spring                   |                                                 | 1        |
| 123  | 52.04.004  | Cup spring                   |                                                 | 2        |
| 124* | 52.55.010  | Tension spring               |                                                 | 1        |
| 125* | 52.88.005  | Compression spring           | Spectra/DPM/SPE/Vario/SPX/Vita/Flexicode/ALP    | 2        |
| 126  | 55.10.001  | Self-adhesive scale          |                                                 | 1        |
| 127* | 57.01.002  | Grooved ball bearing         |                                                 | 2        |
| 128* | 57.01.007  | Grooved ball bearing         |                                                 | 8        |
| 129* | 57.01.008  | Grooved ball bearing         |                                                 | 2        |
| 130* | 57.02.105  | Bearing                      | Spectra                                         | 1        |
| 131* | 57.02.108  | Bearing                      | Spectra                                         | 1        |
| 132* | 57.03.010  | Grooved ball bearing         |                                                 | 1        |
| 133  | 57.87.001C | LOCK HINGE                   |                                                 | 2        |
| 134  | 59.87.015C | COGGED BELT DRIVE            |                                                 | 1        |
| 135  | 59.87.324C | COGGED BELT                  |                                                 | 1        |
| 136  | 59.87.369C | COGGED BELT                  |                                                 | 1        |
| 137  | 59.88.015  | COGGED BELT DRIVE SPECTRA II |                                                 | 1        |
| 138  | 59.88.032  | Toothed belt wheel           | Spectra/SPE/SPX/Vita/Flexicode/ALP              | 1        |
| 139  | 59.88.033  | Toothed belt wheel           | Spectra/SPE/SPX/Vita/ILX                        | 2        |
| 140  | 67.79.050  | BRACKET FOR PHOTO CELL       |                                                 | 1        |

\*Recommended spare part

## 71.87.826C

SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING

| Pos  | Ident-No.  | Description1                            | Description2                                     | Quantity |
|------|------------|-----------------------------------------|--------------------------------------------------|----------|
| 141  | 67.87.006C | COVER BEHIND                            | SPE II LEFT                                      | 1        |
| 142  | 67.87.009C | GUSSET                                  |                                                  | 1        |
| 143  | 67.87.016C | SOLE PLATE                              |                                                  | 1        |
| 144  | 67.87.026C | SOLE PLATE                              |                                                  | 1        |
| 145  | 67.87.036  | Cross bar, left                         | SPE 107/SPE 160                                  | 1        |
| 146  | 67.87.055C | SLIDER                                  |                                                  | 1        |
| 147  | 67.87.056C | SLIDER                                  |                                                  | 1        |
| 148  | 67.87.203C | COVER                                   |                                                  | 1        |
| 149  | 67.87.213C | COVER                                   |                                                  | 1        |
| 150  | 67.87.225C | COVER SHEET BELOW                       |                                                  | 1        |
| 151  | 67.88.030  | Sole plate ribbon rewinder              | Spectra/Spectra II/SPE/Vario/SPX/Vita            | 1        |
| 152  | 67.88.065  | Circuit plate                           | Spectra/SPE/SPX                                  | 1        |
| 153  | 67.88.080  | Adjusting plate                         | Spectra/SPE/SPX                                  | 1        |
| 154* | 70.39.401  | Power electronics                       | Spectra II 216/ILX 10X/APL/SPE II                | 1        |
| 155  | 70.39.406  | Power electronics                       |                                                  | 1        |
| 156  | 70.39.713  | DISTRIBUTION BOARD PRINT UNIT           | SPE II                                           | 1        |
| 157* | 71.83.019  | Label photocell cpl, transmission above | SPX/ILX/SPE                                      | 1        |
| 158  | 71.87.010C | Stepper motor feed cpl                  | SPE II                                           | 1        |
| 159  | 71.87.015C | Stepper motor for transfer ribbon cpl   | SPE II 107/SPE II 160                            | 1        |
| 160  | 71.87.050C | Photocell cpl, length = 210 mm          | SPE II                                           | 2        |
| 161  | 71.87.060C | Cover sensor cpl                        | SPE II                                           | 1        |
| 162  | 71.87.065C | Lighting cpl                            | SPE II                                           | 1        |
| 163  | 71.87.402C | Stepper motor ribbon saving cpl         | SPE II 107/160, left                             | 1        |
| 164  | 72.74.010  | Bearing ring                            | ILX/Spectra II/LPM II/SPE II                     | 1        |
| 165  | 72.79.045  | Backfeed plate cpl                      | Flexicode/Spectra II/LPM II/SPE II               | 1        |
| 166  | 72.87.006C | Carrier plate cpl                       | SPE II 107/SPE II 160, left                      | 1        |
| 167  | 72.87.010  | Adjusting device cpl                    | SPE 107/SPE 160/Spectra 107/Spectra 160/Duoprint | 2        |
| 168  | 72.87.012  | Adjusting device cpl                    | SPE 107/SPE 160/Spectra 107/Spectra 160/Duoprint | 2        |

\*Recommended spare part

## 71.87.826C

SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, W/O DISPENSER, RIBBON SAVING

| Pos | Ident-No.  | Description1                        | Description2                       | Quantity |
|-----|------------|-------------------------------------|------------------------------------|----------|
| 169 | 72.87.201C | Ribbon rewinder/unwinder roller cpl | SPE II 16X                         | 2        |
| 170 | 72.87.206  | Pressure shaft KCE cpl              | SPE 160, left/LPM II 160           | 1        |
| 171 | 72.87.220  | Brush shaft cpl                     | SPE 160/SPE 162/SPX 162/LPM II 16X | 2        |
| 172 | 72.87.426  | Sole plate for ribbon saving        | SPE 107/SPE 160, left/LPM II       | 1        |
| 173 | 72.88.049  | Toothed belt wheel cpl              | Spectra/SPE/SPX/Flexicode/ILX      | 1        |
| 174 | 72.88.403A | Washer cpl                          | Spectra II 16X/SPE II 160          | 1        |

\*Recommended spare part

Modifications and errors excepted

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## 71.87.836C

SPE II 160-12 "CV" PRINT MECHANISM, THERMAL TRANSF  
LEFT, DISPENSER, RIBBON SAVING

| Pos | Ident-No.  | Description1                                       | Description2                       | Quantity |
|-----|------------|----------------------------------------------------|------------------------------------|----------|
| 1   | 71.86.597C | Label dispenser mounting kit                       | SPE II 16X, left                   | 1        |
| 2   | 71.87.826C | SPE II 160-12 "CV" print mechanism, thermal transf | left, w/o dispenser, ribbon saving | 1        |

\*Recommended spare part

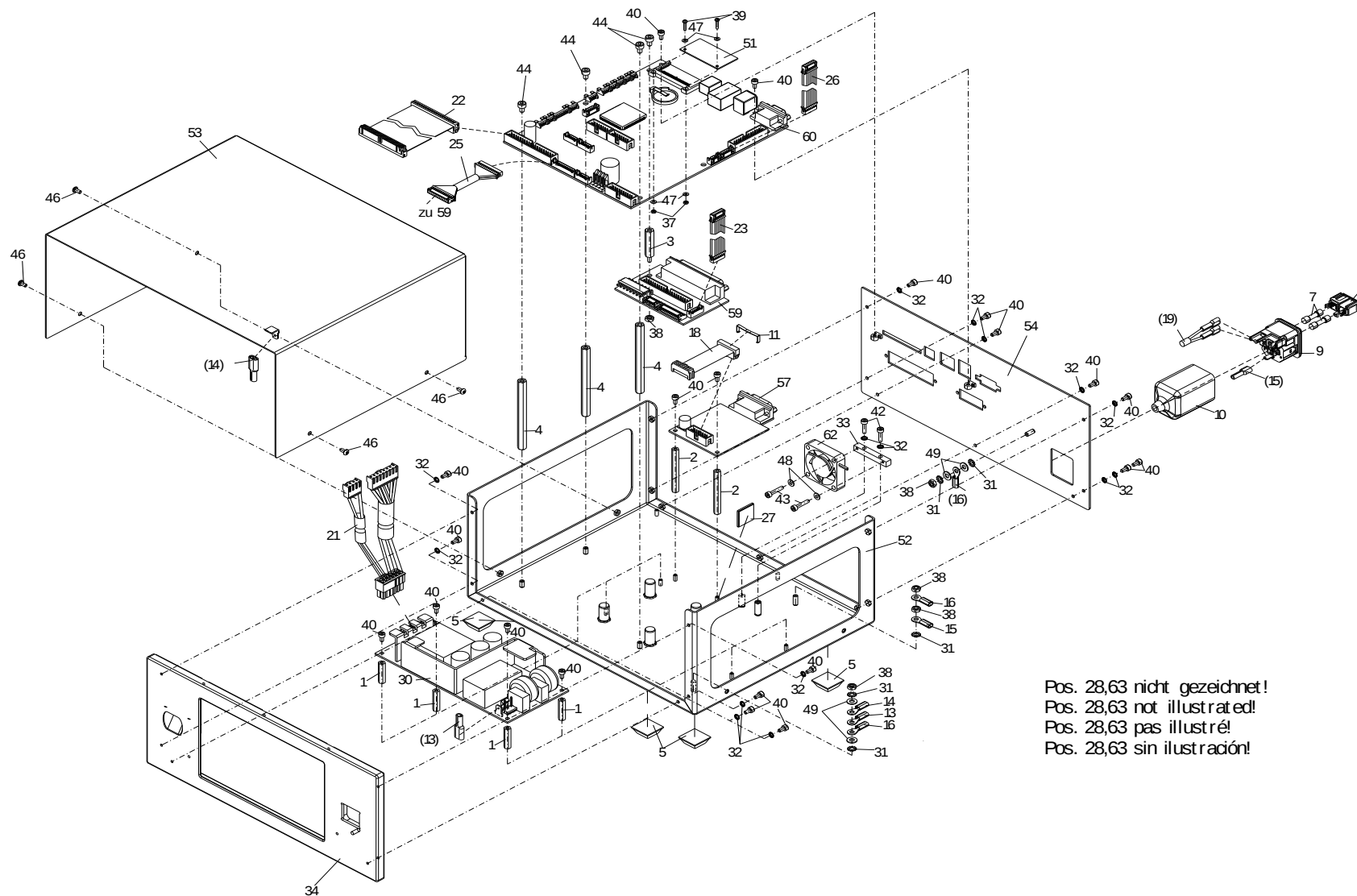
Modifications and errors excepted

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## 71.87.900C

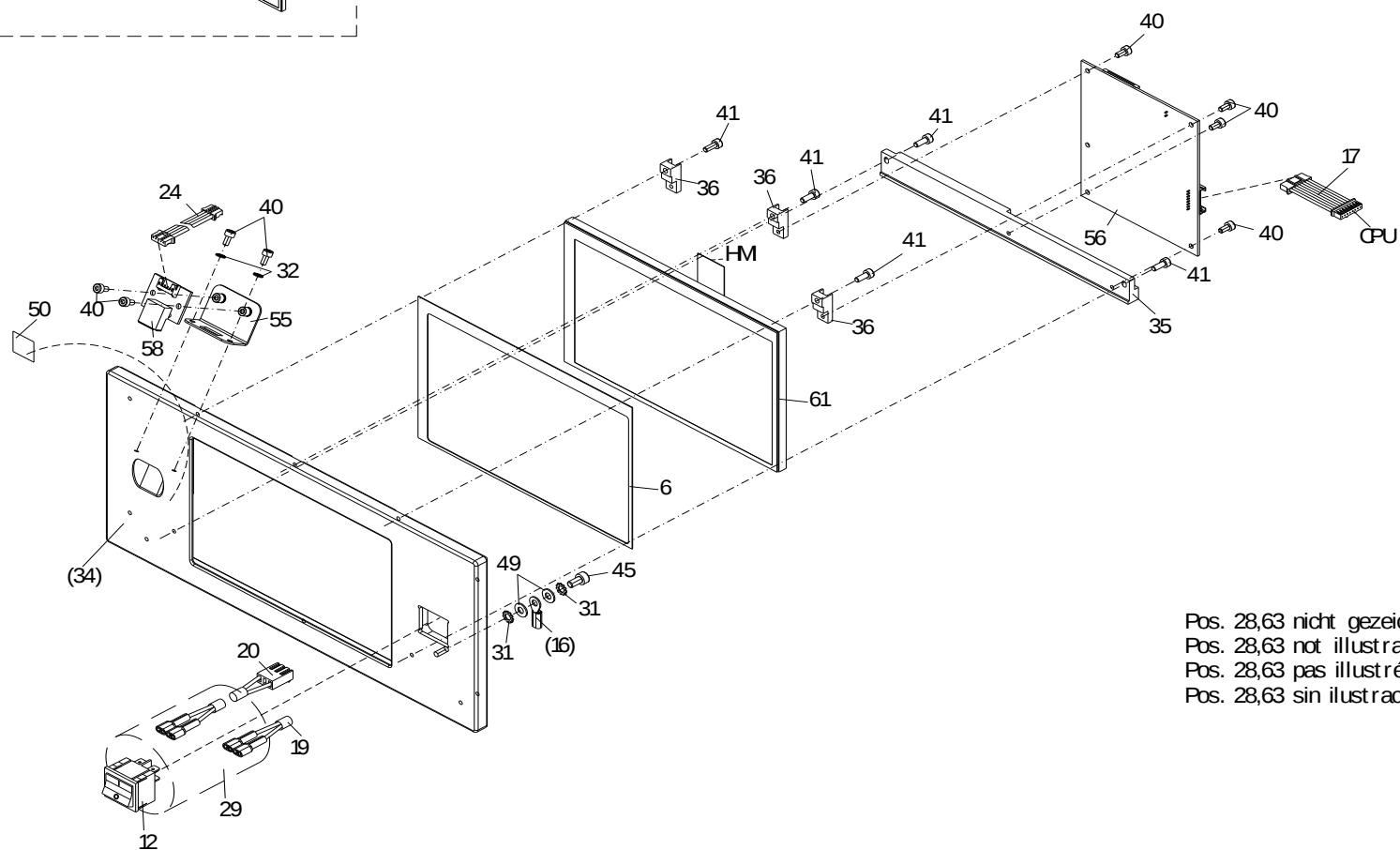
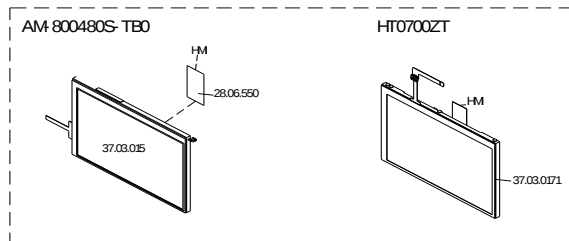
SPE II CONTROL UNIT, DESKTOP ENCLOSURE  
WITH CF CARD SLOT, I/O 26 HD



Pos. 28,63 nicht gezeichnet!  
Pos. 28,63 not illustrated!  
Pos. 28,63 pas illustré!  
Pos. 28,63 sin ilustración!

# 71.87.900C

## SPE II CONTROL UNIT, DESKTOP ENCLOSURE WITH CF CARD SLOT, I/O 26 HD



Pos. 28,63 nicht gezeichnet!  
Pos. 28,63 not illustrated!  
Pos. 28,63 pas illustré!  
Pos. 28,63 sin ilustración!

## 71.87.900C

SPE II CONTROL UNIT, DESKTOP ENCLOSURE  
WITH CF CARD SLOT, I/O 26 HD

| Pos | Ident-No.  | Description1                                    | Description2                                   | Quantity |
|-----|------------|-------------------------------------------------|------------------------------------------------|----------|
| 1   | 12.40.323  | DISTANCE BOLT M3 x 22,5                         |                                                | 4        |
| 2   | 12.40.3501 | DISTANCE BOLT M3x50                             |                                                | 2        |
| 3   | 12.40.430  | DISTANCE BOLT M4 X 30                           |                                                | 1        |
| 4   | 12.40.480  | DISTANCE BOLT M4 X 80                           |                                                | 3        |
| 5*  | 16.01.011  | Elastic bumper self-adhesive 20.6x20.6x7.6 mm   |                                                | 4        |
| 6   | 18.68.500  | Cellular rubber cutting                         | DPM IV/SPE II                                  | 1        |
| 7*  | 24.02.009  | Fine-wire fuse 4.0 A 5x20                       |                                                | 2        |
| 8   | 24.04.0015 | Fuse compartment 2-pin, extra safe              |                                                | 1        |
| 9   | 24.04.005  | Device plug with 2-pin fuse holder              | w/o switcch                                    | 1        |
| 10  | 24.04.006  |                                                 |                                                | 1        |
| 11  | 25.14.098  | BRACKET FOR BUSHING PLUG                        |                                                | 1        |
| 12  | 26.01.031  | POWER SWITCH                                    |                                                | 1        |
| 13  | 28.30.084  | Grounded conductor 4                            | DPM II/DPM IV/SPE II                           | 1        |
| 14  | 28.30.086  | Grounded conductor 6                            | SPX/VITA/Flexicode/Dynacode/SPE II             | 1        |
| 15  | 28.30.089  | Grounded conductor 1                            | Spectra/DPM/SPE/Dynacode/SPX/Vita/Flexicode    | 1        |
| 16  | 28.30.096  | GROUNDED CONDUCTOR                              |                                                | 2        |
| 17  | 28.48.035A | Connecting cable, control unit-CPU              | Vita II/Compa II/SPX II/Vario III/DC II/SPE II | 1        |
| 18  | 28.48.040A | Connecting cable, WLAN-I/O CPU                  | Vita II/Compa II/ILX/SPE II                    | 1        |
| 19  | 28.68.508  | POWER LINE                                      |                                                | 1        |
| 20  | 28.68.510  | POWER LINE                                      |                                                | 1        |
| 21  | 28.68.513  | CONNECTING CABLE                                |                                                | 1        |
| 22  | 28.68.545  | CONNECTING CABLE                                |                                                | 1        |
| 23  | 28.79.020  | CONNECTING CABLE SENSORS                        | FLEXICODE                                      | 1        |
| 24  | 28.79.025  | Connecting cable, USB-CPU                       | Flexicode/Dynacode II/SPE II                   | 1        |
| 25  | 28.83.054A | Connecting cable, CPU-power electr-motor signal | SPX II/SPE II                                  | 1        |
| 26  | 28.87.015C | CONNECTING CABLE SENSORS                        |                                                | 1        |
| 27  | 35.01.001  | Mounting base self-adhesive 19x19 mm            |                                                | 1        |
| 28  | 35.01.002  | Cable joint 100x2.5 mm                          |                                                | 10       |

\*Recommended spare part

## 71.87.900C

### SPE II CONTROL UNIT, DESKTOP ENCLOSURE WITH CF CARD SLOT, I/O 26 HD

| Pos | Ident-No.  | Description1                     | Description2                               | Quantity |
|-----|------------|----------------------------------|--------------------------------------------|----------|
| 29  | 35.04.032  | Tube 32 mm, black                |                                            | 0,04m    |
| 30* | 37.57.003  | Power supply                     | Dynacode II/DPM IV/ALP/SPE II              | 1        |
| 31  | 41.02.002V | Fan shaped washer M4 stainless   |                                            | 7        |
| 32  | 41.03.003V | Lock washer M3 stainless         |                                            | 17       |
| 33  | 45.57.094  | Bracket for fan                  | Dynacode II/SPE II                         | 1        |
| 34  | 45.68.552  | FRONT PLATE                      |                                            | 1        |
| 35  | 45.68.555  | DISPLAY LEDGE                    |                                            | 1        |
| 36  | 45.68.560  | BRACKET FOR DISPLAY              |                                            | 3        |
| 37  | 47.01.001V | Hexagon nut M2 stainless         |                                            | 2        |
| 38  | 47.05.001V | Hexagon nut M4 stainless         |                                            | 5        |
| 39  | 48.14.110V | Pan screw M2x10 stainless        |                                            | 2        |
| 40  | 48.16.306V | Socket cap screw M3x6 stainless  |                                            | 29       |
| 41  | 48.16.308V | Socket cap screw M3x8 stainless  |                                            | 5        |
| 42  | 48.16.312V | Socket cap screw M3x12 stainless |                                            | 2        |
| 43  | 48.16.316V | Socket cap screw M3x16 stainless |                                            | 2        |
| 44  | 48.16.406V | Socket cap screw M4x6 stainless  |                                            | 4        |
| 45  | 48.16.408V | Socket cap screw M4x8 stainless  |                                            | 1        |
| 46  | 48.24.306V | INBUS A2 STAINLESS M3x6          |                                            | 4        |
| 47  | 50.01.009V | Lock washer M2 stainless         |                                            | 4        |
| 48  | 50.01.057V | Washer 3.2 stainless             |                                            | 2        |
| 49  | 50.01.065V | Lock washer 4.3 stainless        |                                            | 6        |
| 50  | 55.56.001  | LICENCE LABEL HMI                |                                            | 1        |
| 51  | 67.57.062  | Cover for Compact Flash card     | Dynacode II/DPM IV/ILX 10X/SPE II          | 1        |
| 52  | 67.68.550  | BOTTOM TURRET                    |                                            | 1        |
| 53  | 67.68.555  | COVER                            |                                            | 1        |
| 54  | 67.68.560  | BACK PANEL                       |                                            | 1        |
| 55  | 67.68.565  | ANGLE FOR USB                    |                                            | 1        |
| 56* | 70.03.501  | CPU HMI Touch Panel III cpl      | Vario III/Dynacode II/LPM II/DPM IV/SPE II | 1        |

\*Recommended spare part

## 71.87.900C

SPE II CONTROL UNIT, DESKTOP ENCLOSURE  
WITH CF CARD SLOT, I/O 26 HD

| Pos | Ident-No. | Description1                             | Description2                     | Quantity |
|-----|-----------|------------------------------------------|----------------------------------|----------|
| 57* | 70.39.005 | I/O plate cpl                            |                                  | 1        |
| 58  | 70.39.060 | Adapter plate USB type A cpl, horizontal | SPX II/SPE II                    | 1        |
| 59  | 70.39.710 | DISTRIBUTION BOARD CONTROL UNIT          | SPE II                           | 1        |
| 60  | 70.87.015 | CPU                                      | SPE II                           | 1        |
| 61* | 71.39.012 | Graphic module 7" with touch             | Dynacode/DPM IV/SPE II/Vario III | 1        |
| 62  | 71.57.007 | Fan cpl                                  | Dynacode II/DPM IV/SPE II        | 1        |

\*Recommended spare part

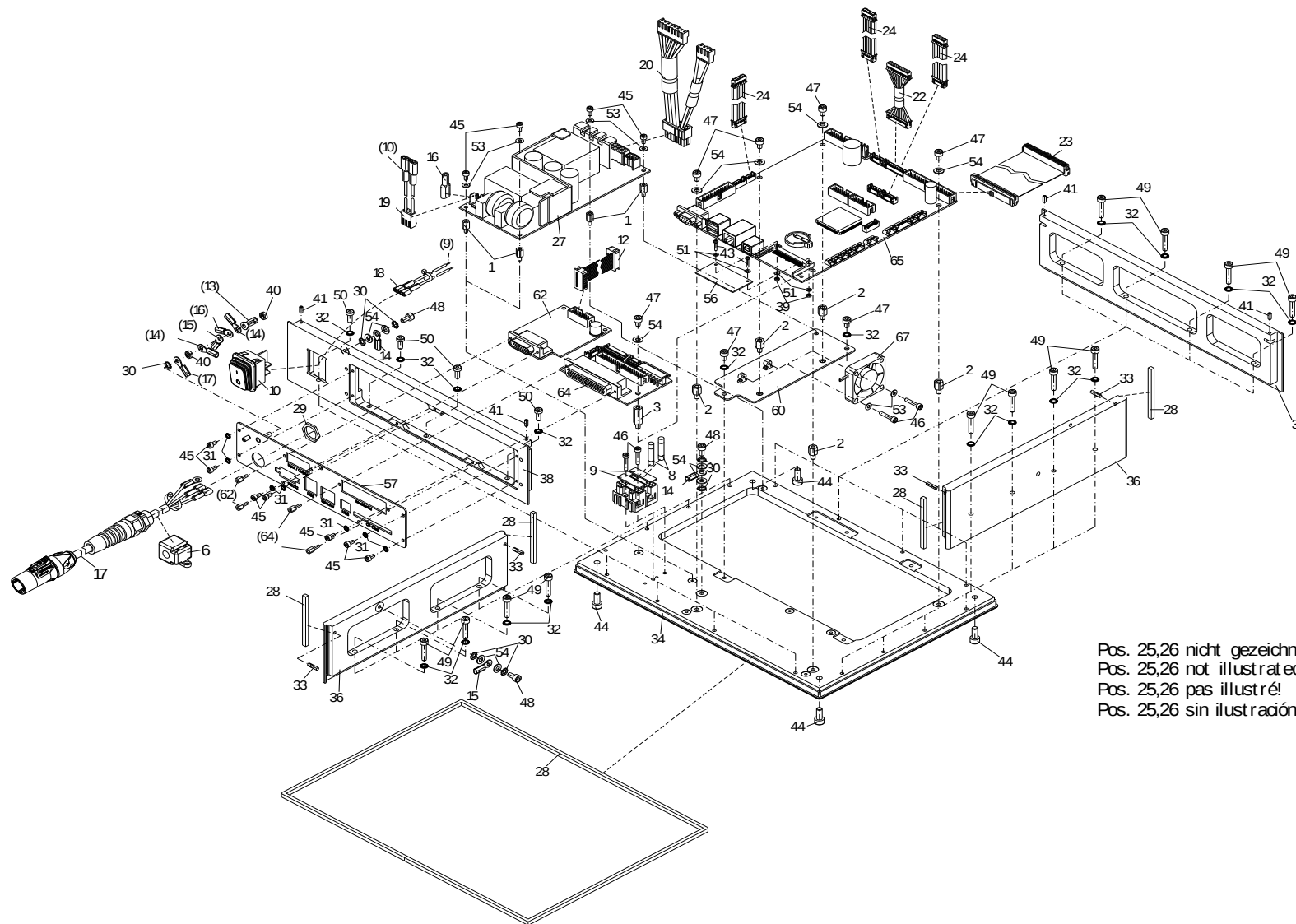
Modifications and errors excepted

SPE II: 06.2023

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## 71.87.950C

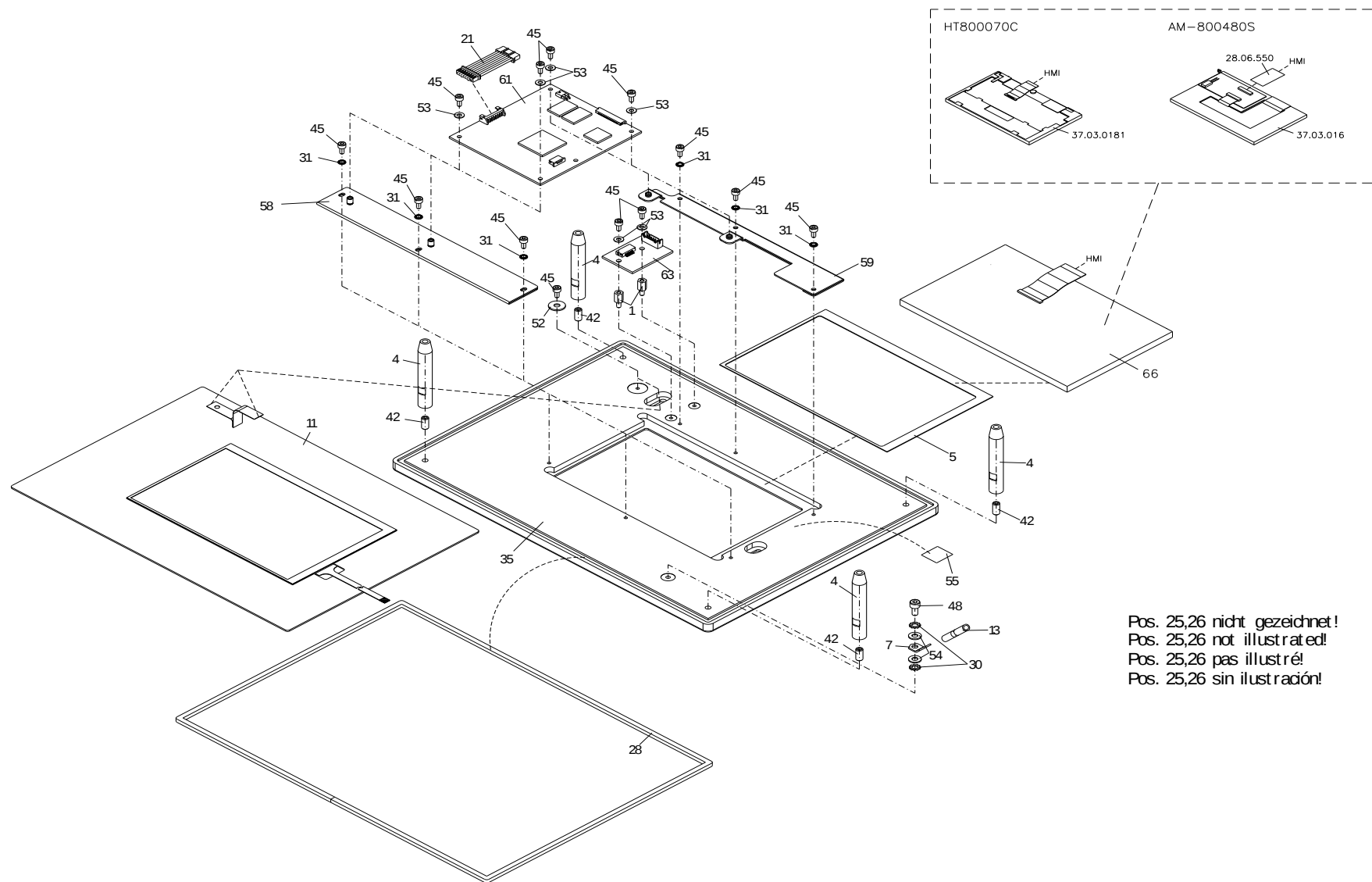
SPE II CONTROL UNIT, PANEL ENCLOSURE  
WITH CF CARD SLOT, I/O 26 HD, IP PREARRANGEMENT



Pos. 25,26 nicht gezeichnet!  
Pos. 25,26 not illustrated!  
Pos. 25,26 pas illustré!  
Pos. 25,26 sin ilustración!

# 71.87.950C

SPE II CONTROL UNIT, PANEL ENCLOSURE  
WITH CF CARD SLOT, I/O 26 HD, IP PREARRANGEMENT



## 71.87.950C

SPE II CONTROL UNIT, PANEL ENCLOSURE  
WITH CF CARD SLOT, I/O 26 HD, IP PREARRANGEMENT

| Pos | Ident-No.  | Description1                       | Description2                                 | Quantity |
|-----|------------|------------------------------------|----------------------------------------------|----------|
| 1   | 12.40.308  | Distance bolt M3x8                 |                                              | 6        |
| 2   | 12.40.408  | Distance bolt M4x8                 |                                              | 5        |
| 3   | 12.40.419  | Distance bolt M4x18.6              |                                              | 1        |
| 4   | 12.68.500  | Spacer pillar, short               | DPM IV/SPE II                                | 4        |
| 5   | 18.68.500  | Cellular rubber cutting            | DPM IV/SPE II                                | 1        |
| 6   | 22.74.005  | Ferrite ring foldable              | ILX/Dynacode/SPE II                          | 1        |
| 7   | 24.01.0011 | PLUG                               |                                              | 1        |
| 8*  | 24.02.009  | Fine-wire fuse 4.0 A 5x20          |                                              | 2        |
| 9   | 24.03.005  | Fuse holder with connector block   |                                              | 2        |
| 10  | 26.01.0281 | POWER SWITCH                       |                                              | 1        |
| 11  | 26.68.505  | Foil keyboard with touch neutral   | Dynacode/DPM IV/SPE II                       | 1        |
| 12  | 28.29.010  | Connecting cable, I/O-CPU          | Pica II/Flexicode/SPE II                     | 1        |
| 13  | 28.30.081  | Grounded conductor 2               | Vario/DPM/SPE/Dynacode/Pica/Flexicode/SPE II | 1        |
| 14  | 28.30.096  | GROUNDING CONDUCTOR                |                                              | 2        |
| 15  | 28.30.0963 | GROUNDING CONDUCTOR                |                                              | 1        |
| 16  | 28.30.0983 | GROUNDING CONDUCTOR                |                                              | 1        |
| 17  | 28.68.504  | Power cable                        | DPM IV/SPE II                                | 1        |
| 18  | 28.68.507  | POWER LINE                         |                                              | 1        |
| 19  | 28.68.509  | POWER LINE                         |                                              | 1        |
| 20  | 28.68.515  | CONNECTING CABLE                   |                                              | 1        |
| 21  | 28.68.535  | Connecting cable, control unit-CPU | DPM IV/ILX "SRD"/SPE II, right               | 1        |
| 22  | 28.68.537  | CONNECTING CABLE                   |                                              | 1        |
| 23  | 28.68.545  | CONNECTING CABLE                   |                                              | 1        |
| 24  | 28.79.020  | CONNECTING CABLE SENSORS           | FLEXICODE                                    | 3        |
| 25  | 35.01.002  | Cable joint 100x2.5 mm             |                                              | 5        |
| 26  | 35.01.0025 | CABLE JOINT                        |                                              | 1        |
| 27* | 37.57.003  | Power supply                       | Dynacode II/DPM IV/ALP/SPE II                | 1        |
| 28  | 37.57.015  | Cellular rubber pre-cut part       |                                              | 2        |

\*Recommended spare part

## 71.87.950C

SPE II CONTROL UNIT, PANEL ENCLOSURE  
WITH CF CARD SLOT, I/O 26 HD, IP PREARRANGEMENT

| Pos | Ident-No.  | Description1                     | Description2                      | Quantity |
|-----|------------|----------------------------------|-----------------------------------|----------|
| 29  | 37.57.927  | Locknut PG 9                     |                                   | 1        |
| 30  | 41.02.002V | Fan shaped washer M4 stainless   |                                   | 10       |
| 31  | 41.03.003V | Lock washer M3 stainless         |                                   | 13       |
| 32  | 41.03.004V | Lock washer M4 stainless         |                                   | 18       |
| 33  | 42.14.312V | COTTER-PIN 3x12 DIN 1474         |                                   | 4        |
| 34  | 45.68.500  | BASE PLATE                       |                                   | 1        |
| 35  | 45.68.505  | Front panel                      | DPM IV/Dynacode/SPE II            | 1        |
| 36  | 45.68.510  | SIDE PANEL                       |                                   | 2        |
| 37  | 45.68.515  | BACK PANEL                       |                                   | 1        |
| 38  | 45.68.520  | CONNECTING PLATE                 |                                   | 1        |
| 39  | 47.01.001V | Hexagon nut M2 stainless         |                                   | 2        |
| 40  | 47.05.001V | Hexagon nut M4 stainless         |                                   | 1        |
| 41  | 48.09.308V | Setscrew M3x8 stainless          |                                   | 4        |
| 42  | 48.10.510V | Setscrew M5x10 stainless         |                                   | 4        |
| 43  | 48.14.110V | Pan screw M2x10 stainless        |                                   | 2        |
| 44  | 48.16.006V | Socket cap screw M5x12           |                                   | 4        |
| 45  | 48.16.306V | Socket cap screw M3x6 stainless  |                                   | 24       |
| 46  | 48.16.316V | Socket cap screw M3x16 stainless |                                   | 4        |
| 47  | 48.16.406V | Socket cap screw M4x6 stainless  |                                   | 7        |
| 48  | 48.16.408V | Socket cap screw M4x8 stainless  |                                   | 4        |
| 49  | 48.16.420V | Socket cap screw M4x20 stainless |                                   | 12       |
| 50  | 48.20.410V | INBUS A2 M4x10                   |                                   | 4        |
| 51  | 50.01.009V | Lock washer M2 stainless         |                                   | 4        |
| 52  | 50.01.046V | Lock washer M4 stainless         |                                   | 1        |
| 53  | 50.01.057V | Washer 3.2 stainless             |                                   | 12       |
| 54  | 50.01.065V | Lock washer 4.3 stainless        |                                   | 15       |
| 55  | 55.56.001  | LICENCE LABEL HMI                |                                   | 1        |
| 56  | 67.57.062  | Cover for Compact Flash card     | Dynacode II/DPM IV/ILX 10X/SPE II | 1        |

\*Recommended spare part

## 71.87.950C

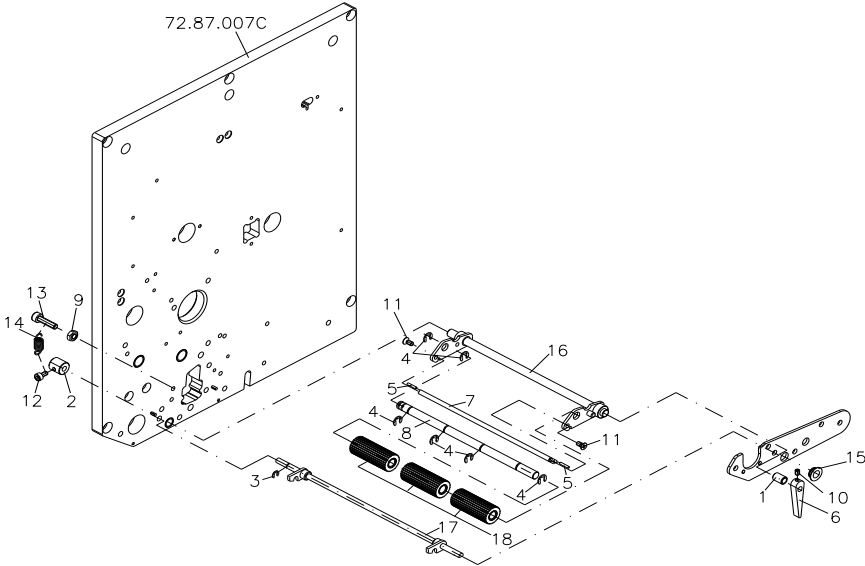
SPE II CONTROL UNIT, PANEL ENCLOSURE  
WITH CF CARD SLOT, I/O 26 HD, IP PREARRANGEMENT

| Pos | Ident-No. | Description1                                | Description2                               | Quantity |
|-----|-----------|---------------------------------------------|--------------------------------------------|----------|
| 57  | 67.68.500 | GUSSET                                      |                                            | 1        |
| 58  | 67.68.510 | DISPLAY LEDGE                               |                                            | 1        |
| 59  | 67.68.515 | DISPLAY LEDGE                               |                                            | 1        |
| 60  | 67.68.520 | INTERMEDIATE BOTTOM                         |                                            | 1        |
| 61* | 70.03.501 | CPU HMI Touch Panel III cpl                 | Vario III/Dynacode II/LPM II/DPM IV/SPE II | 1        |
| 62* | 70.39.005 | I/O plate cpl                               |                                            | 1        |
| 63  | 70.39.605 | ADAPTER BOARD                               |                                            | 1        |
| 64  | 70.39.710 | DISTRIBUTION BOARD CONTROL UNIT             | SPE II                                     | 1        |
| 65  | 70.87.015 | CPU                                         | SPE II                                     | 1        |
| 66* | 71.39.010 | Graphic module 7" w/o touch, conversion kit | Dynacode/DPM IV/SPE II                     | 1        |
| 67  | 71.57.007 | Fan cpl                                     | Dynacode II/DPM IV/SPE II                  | 1        |

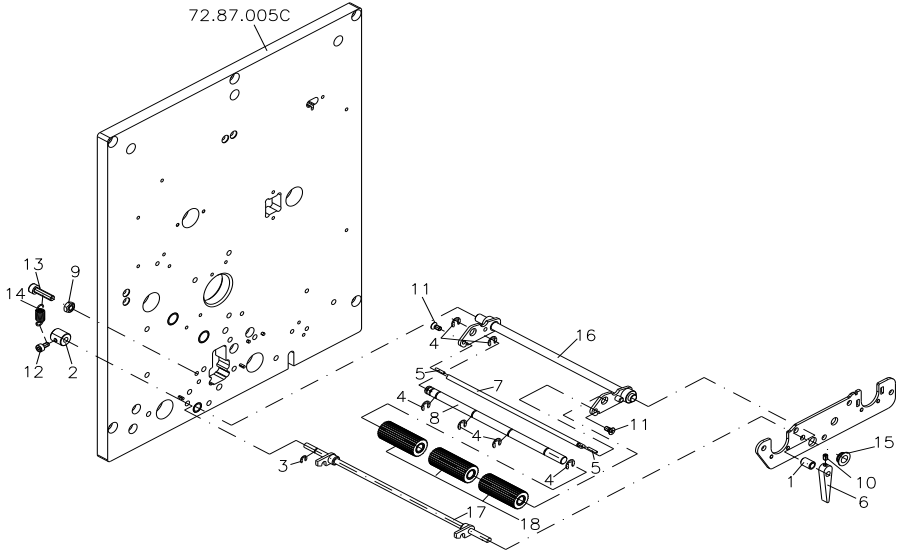
\*Recommended spare part

**71.86.590C**  
**LABEL DISPENSER MOUNTING KIT**  
**SPE II 10X, RIGHT**

Flat Type



Corner Type



## 71.86.590C

### LABEL DISPENSER MOUNTING KIT

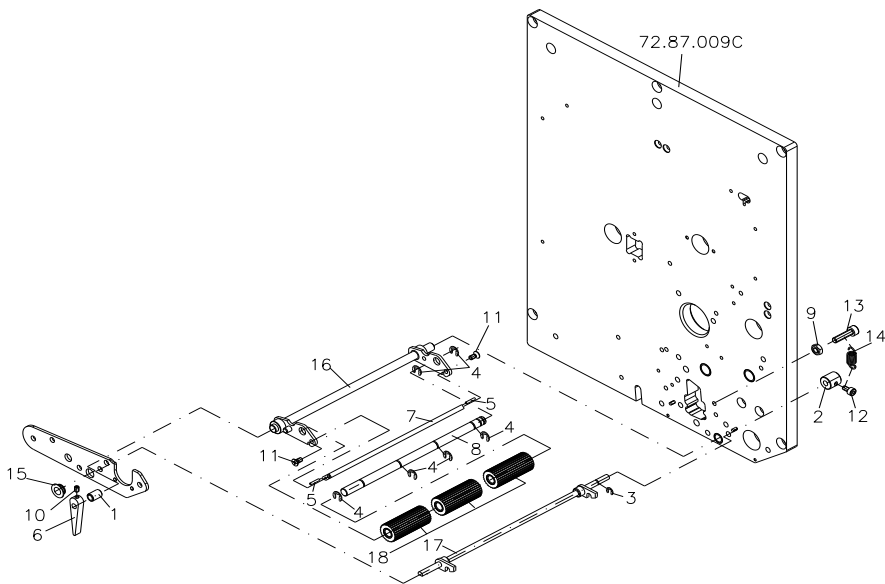
#### SPE II 10X, RIGHT

| Pos | Ident-No.  | Description1                      | Description2                     | Quantity |
|-----|------------|-----------------------------------|----------------------------------|----------|
| 1   | 10.40.039  | Spacer ring                       | SPE                              | 1        |
| 2   | 10.87.505  | Clamping ring                     | SPE/ILX                          | 1        |
| 3   | 40.01.003V | Shaft protection 3.2 mm stainless |                                  | 1        |
| 4   | 40.01.004V | Shaft protection 4 mm stainless   |                                  | 6        |
| 5   | 42.02.003  | Grooved taper pin 1.5x8           |                                  | 2        |
| 6   | 45.87.511  | Lever                             | ILX 10X/SPX II                   | 1        |
| 7   | 45.87.516  | Strut                             | ILX 10X/SPE II 10X               | 1        |
| 8   | 46.87.505  | Shaft for pressure roller         | SPE 107/SPE 104/SPE 106//ILX 10X | 1        |
| 9   | 47.05.001V | Hexagon nut M4 stainless          |                                  | 1        |
| 10  | 48.10.004V | Setscrew M3x4 stainless           |                                  | 1        |
| 11  | 48.15.003V | Countersunk screw M3x6 stainless  |                                  | 2        |
| 12  | 48.16.306V | Socket cap screw M3x6 stainless   |                                  | 1        |
| 13  | 48.16.416V | Socket cap screw M4x16 stainless  |                                  | 1        |
| 14  | 52.02.048  | Tension spring                    | Descos/SPE/ILX 10X/SPE II        | 1        |
| 15* | 57.28.005  | Clip bearing                      | Pica/DPM III/SPE/Vita            | 1        |
| 16  | 72.87.527  | Pressure shaft cpl                | SPE 104/106 rightILX 10X right   | 1        |
| 17  | 72.87.537  | Locking shaft cpl                 | SPE 104/SPE 106/ILX 10X, right   | 1        |
| 18* | 72.88.520  | Pressure roller cpl               | Spectra/SPE/ILX                  | 3        |

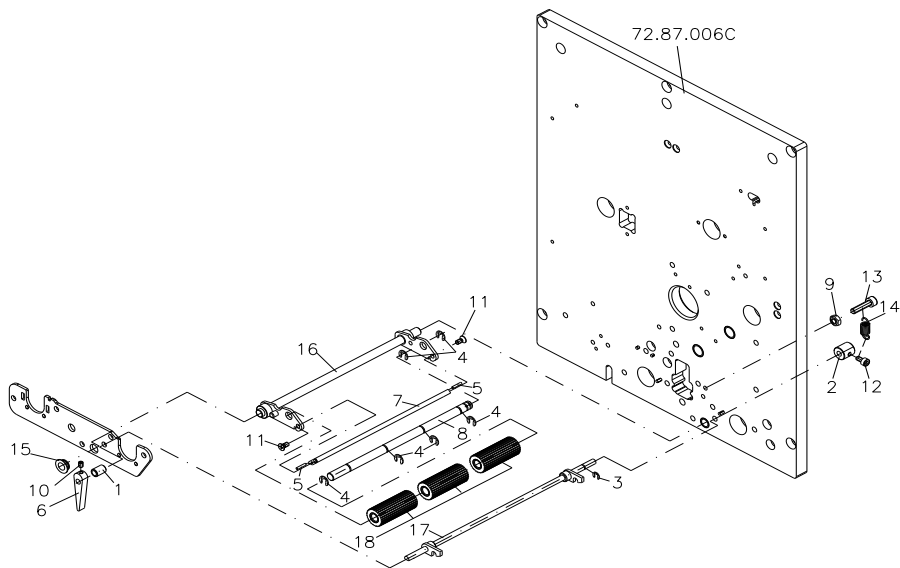
\*Recommended spare part

**71.86.592C**  
**LABEL DISPENSER MOUNTING KIT**  
**SPE II 10X, LEFT**

Flat Type



Corner Type



## 71.86.592C

### LABEL DISPENSER MOUNTING KIT

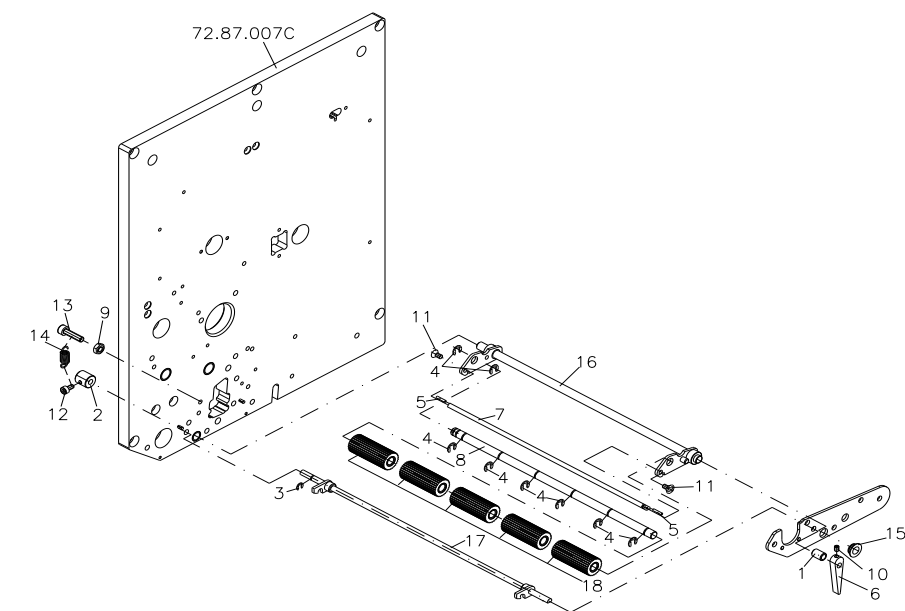
#### SPE II 10X, LEFT

| Pos | Ident-No.  | Description1                      | Description2                     | Quantity |
|-----|------------|-----------------------------------|----------------------------------|----------|
| 1   | 10.40.039  | Spacer ring                       | SPE                              | 1        |
| 2   | 10.87.505  | Clamping ring                     | SPE/ILX                          | 1        |
| 3   | 40.01.003V | Shaft protection 3.2 mm stainless |                                  | 1        |
| 4   | 40.01.004V | Shaft protection 4 mm stainless   |                                  | 6        |
| 5   | 42.02.003  | Grooved taper pin 1.5x8           |                                  | 2        |
| 6   | 45.87.511  | Lever                             | ILX 10X/SPX II                   | 1        |
| 7   | 45.87.516  | Strut                             | ILX 10X/SPE II 10X               | 1        |
| 8   | 46.87.505  | Shaft for pressure roller         | SPE 107/SPE 104/SPE 106//ILX 10X | 1        |
| 9   | 47.05.001V | Hexagon nut M4 stainless          |                                  | 1        |
| 10  | 48.10.004V | Setscrew M3x4 stainless           |                                  | 1        |
| 11  | 48.15.003V | Countersunk screw M3x6 stainless  |                                  | 2        |
| 12  | 48.16.306V | Socket cap screw M3x6 stainless   |                                  | 1        |
| 13  | 48.16.416V | Socket cap screw M4x16 stainless  |                                  | 1        |
| 14  | 52.02.048  | Tension spring                    | Descro/SPE/ILX 10X/SPE II        | 1        |
| 15* | 57.28.005  | Clip bearing                      | Pica/DPM III/SPE/Vita            | 1        |
| 16  | 72.87.525  | Pressure shaft cpl                | SPE 104/106, left/ILX 10X, left  | 1        |
| 17  | 72.87.535  | Locking shaft cpl                 | SPE 104/SPE 106/ILX 10X, left    | 1        |
| 18* | 72.88.520  | Pressure roller cpl               | Spectra/SPE/ILX                  | 3        |

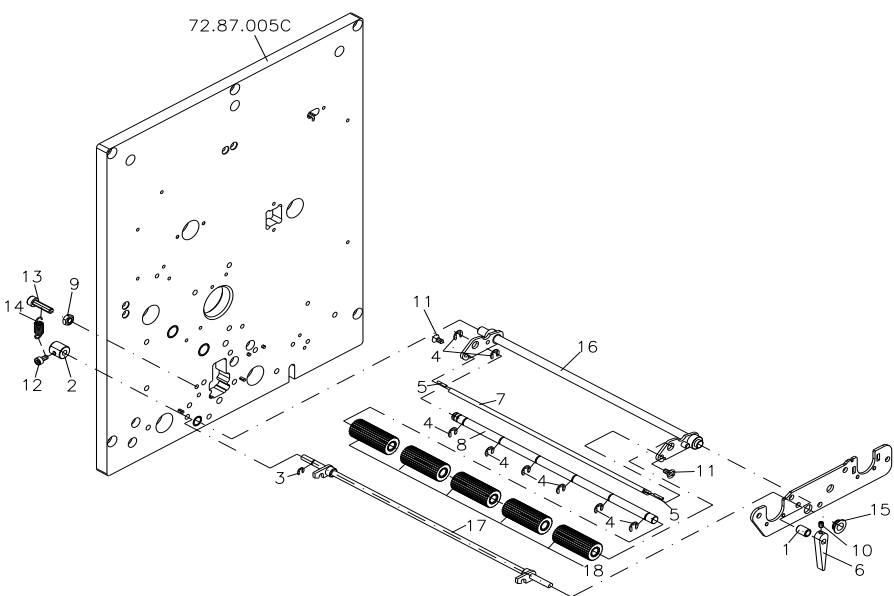
\*Recommended spare part

**71.86.595C**  
**LABEL DISPENSER MOUNTING KIT**  
**SPE II 16X, RIGHT**

Flat Type



Corner Type



## 71.86.595C

### LABEL DISPENSER MOUNTING KIT

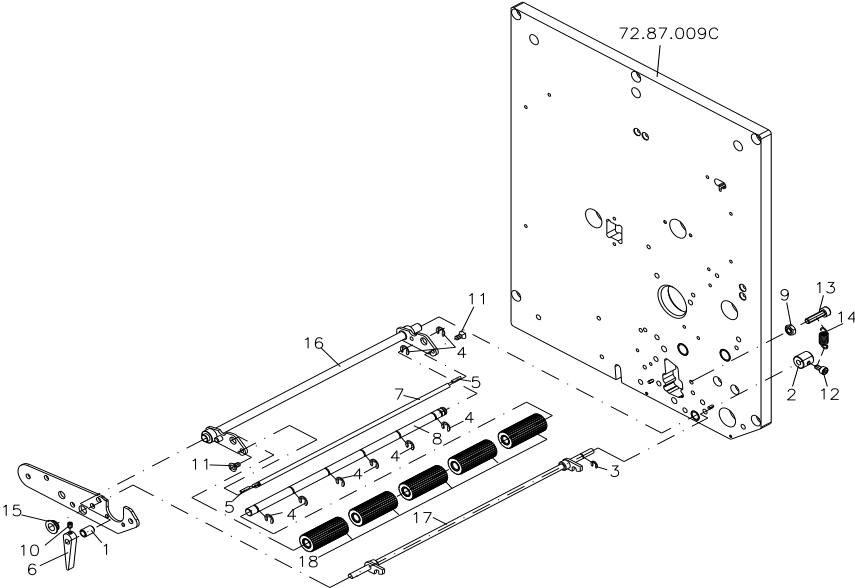
#### SPE II 16X, RIGHT

| Pos | Ident-No.  | Description1                      | Description2             | Quantity |
|-----|------------|-----------------------------------|--------------------------|----------|
| 1   | 10.40.039  | Spacer ring                       | SPE                      | 1        |
| 2   | 10.87.505  | Clamping ring                     | SPE/ILX                  | 1        |
| 3   | 40.01.003V | Shaft protection 3.2 mm stainless |                          | 1        |
| 4   | 40.01.004V | Shaft protection 4 mm stainless   |                          | 8        |
| 5   | 42.02.003  | Grooved taper pin 1.5x8           |                          | 2        |
| 6   | 45.87.511  | Lever                             | ILX 10X/SPX II           | 1        |
| 7   | 45.87.519C | STRUT GREEN                       |                          | 1        |
| 8   | 46.87.508  | Shaft for pressure roller         | SPE 160/SPE 162          | 1        |
| 9   | 47.05.001V | Hexagon nut M4 stainless          |                          | 1        |
| 10  | 48.10.004V | Setscrew M3x4 stainless           |                          | 1        |
| 11  | 48.15.003V | Countersunk screw M3x6 stainless  |                          | 2        |
| 12  | 48.16.306V | Socket cap screw M3x6 stainless   |                          | 1        |
| 13  | 48.16.416V | Socket cap screw M4x16 stainless  |                          | 1        |
| 14  | 52.02.048  | Tension spring                    | Desco/SPE/ILX 10X/SPE II | 1        |
| 15* | 57.28.005  | Clip bearing                      | Pica/DPM III/SPE/Vita    | 1        |
| 16  | 72.87.528  | Pressure shaft cpl                | SPE 162, right           | 1        |
| 17  | 72.87.538  | Locking shaft cpl                 | SPE 162 right            | 1        |
| 18* | 72.88.520  | Pressure roller cpl               | Spectra/SPE/ILX          | 5        |

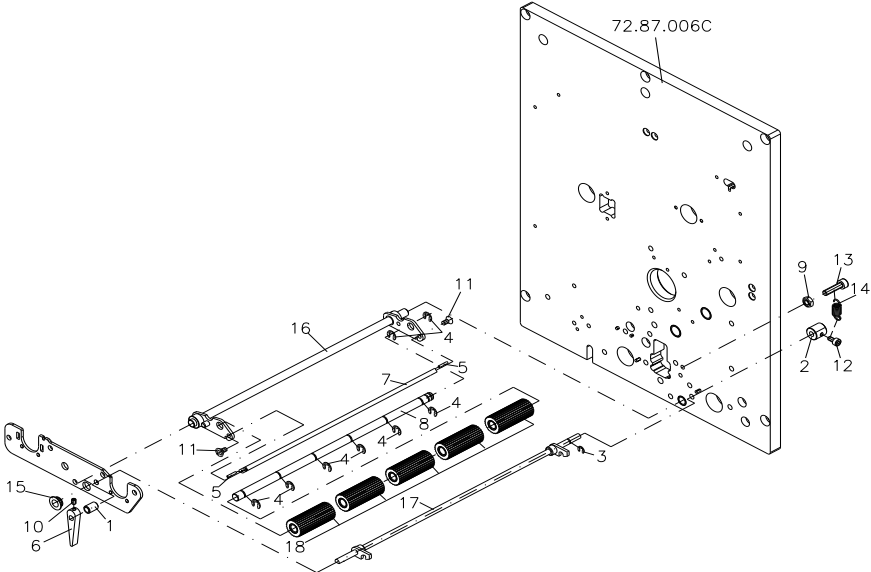
\*Recommended spare part

**71.86.597C**  
**LABEL DISPENSER MOUNTING KIT**  
**SPE II 16X, LEFT**

Flat Type



Corner Type



## 71.86.597C

### LABEL DISPENSER MOUNTING KIT

#### SPE II 16X, LEFT

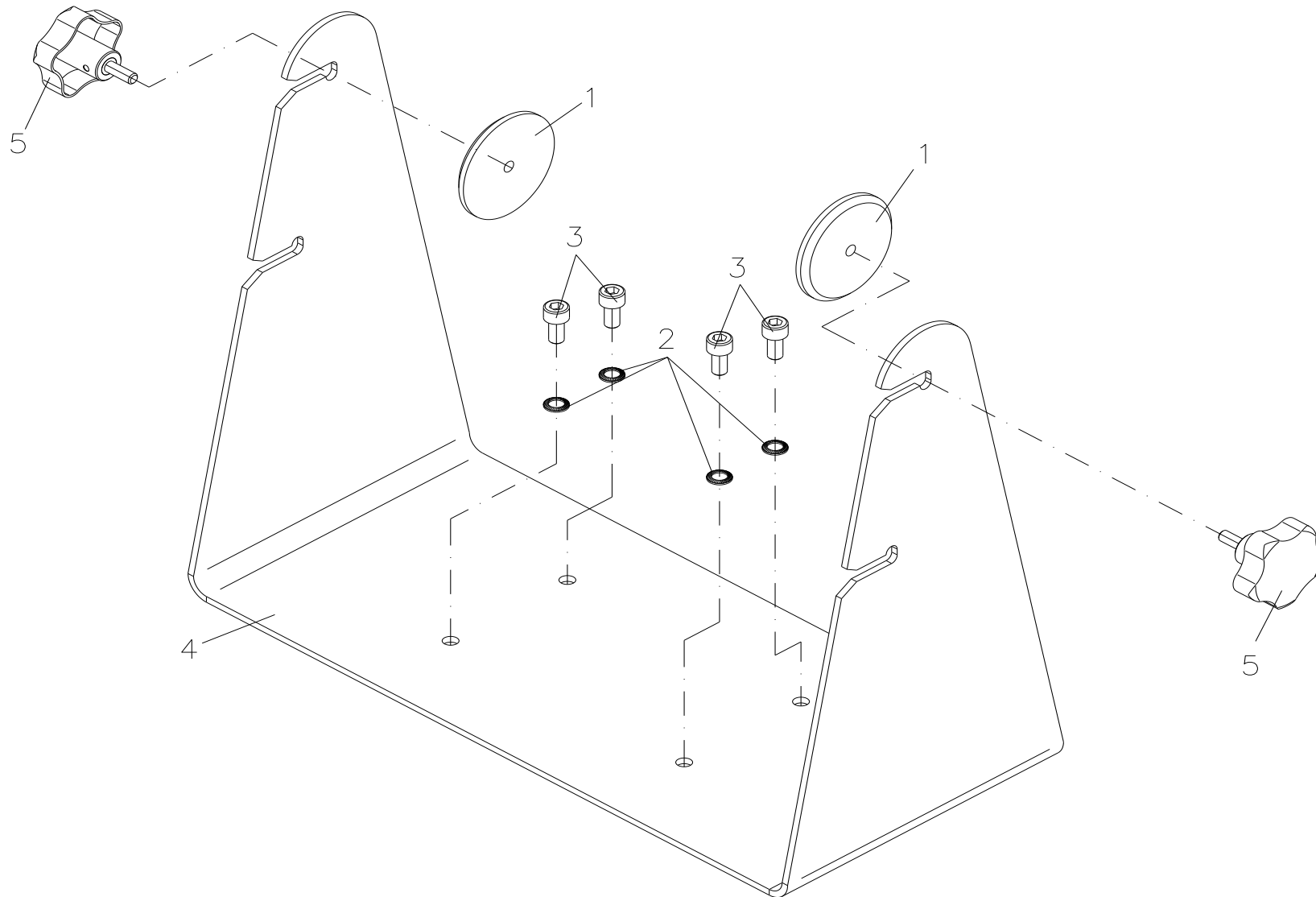
| Pos | Ident-No.  | Description1                      | Description2             | Quantity |
|-----|------------|-----------------------------------|--------------------------|----------|
| 1   | 10.40.039  | Spacer ring                       | SPE                      | 1        |
| 2   | 10.87.505  | Clamping ring                     | SPE/ILX                  | 1        |
| 3   | 40.01.003V | Shaft protection 3.2 mm stainless |                          | 1        |
| 4   | 40.01.004V | Shaft protection 4 mm stainless   |                          | 8        |
| 5   | 42.02.003  | Grooved taper pin 1.5x8           |                          | 2        |
| 6   | 45.87.511  | Lever                             | ILX 10X/SPX II           | 1        |
| 7   | 45.87.519C | STRUT GREEN                       |                          | 1        |
| 8   | 46.87.508  | Shaft for pressure roller         | SPE 160/SPE 162          | 1        |
| 9   | 47.05.001V | Hexagon nut M4 stainless          |                          | 1        |
| 10  | 48.10.004V | Setscrew M3x4 stainless           |                          | 1        |
| 11  | 48.15.003V | Countersunk screw M3x6 stainless  |                          | 2        |
| 12  | 48.16.306V | Socket cap screw M3x6 stainless   |                          | 1        |
| 13  | 48.16.416V | Socket cap screw M4x16 stainless  |                          | 1        |
| 14  | 52.02.048  | Tension spring                    | Desco/SPE/ILX 10X/SPE II | 1        |
| 15* | 57.28.005  | Clip bearing                      | Pica/DPM III/SPE/Vita    | 1        |
| 16  | 72.87.526  | Pressure shaft cpl                | SPE 162, left            | 1        |
| 17  | 72.87.536  | Locking shaft cpl                 | SPE 162, left            | 1        |
| 18* | 72.88.520  | Pressure roller cpl               | Spectra/SPE/ILX          | 5        |

\*Recommended spare part

## 90.68.910

BRACKET FOR CONTROL UNIT CPL

DPM IV/DYNACODE, OPTION PANEL ENCLOSURE



## 90.68.910

BRACKET FOR CONTROL UNIT CPL

DPM IV/DYNACODE, OPTION PANEL ENCLOSURE

| Pos | Ident-No.  | Description1                     | Description2 | Quantity |
|-----|------------|----------------------------------|--------------|----------|
| 1   | 16.68.590  | Washer                           | DPM IV       | 2        |
| 2   | 41.03.006V | Lock washer M6 stainless         |              | 4        |
| 3   | 48.16.612V | Socket cap screw M6x12 stainless |              | 4        |
| 4   | 67.68.590  | ANGULAR STAY                     |              | 1        |
| 5   | 72.68.590  | Star handle cpl                  | DPM IV       | 2        |

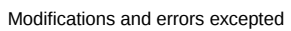
\*Recommended spare part

Modifications and errors excepted

SPE II: 06.2023

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**PROTECTIVE COVER CPL FOR PANEL ENCLOSURE IP65  
DPM IV, OPTION**



## 90.68.915

### PROTECTIVE COVER CPL FOR PANEL ENCLOSURE IP65 DPM IV, OPTION

| Pos | Ident-No.  | Description1                      | Description2        | Quantity |
|-----|------------|-----------------------------------|---------------------|----------|
| 1   | 16.68.515  | Protective cover IP65             | DPM IV control unit | 1        |
| 2   | 18.01.504  | SCREW SEAL M4                     |                     | 4        |
| 3   | 18.01.505  | SCREW SEAL M5                     |                     | 4        |
| 4   | 25.05.020  | Bushing USB-A IP65 panel mounting | with protection cap | 1        |
| 5   | 35.09.010  | CABLE GUIDING LEDGE               |                     | 1        |
| 6   | 35.09.104  | CABLE SLEEVE                      |                     | 1        |
| 7   | 35.09.105  | CABLE SLEEVE                      |                     | 1        |
| 8   | 35.09.106  | CABLE SLEEVE                      |                     | 2        |
| 9   | 35.09.108  | CABLE SLEEVE                      |                     | 1        |
| 10  | 35.09.113  | CABLE SLEEVE                      |                     | 1        |
| 11  | 35.09.204  | PLUG FOR CABLE SLEEVE             |                     | 1        |
| 12  | 35.09.205  | PLUG FOR CABLE SLEEVE             |                     | 1        |
| 13  | 35.09.206  | PLUG FOR CABLE SLEEVE             |                     | 1        |
| 14  | 35.09.208  | PLUG FOR CABLE SLEEVE             |                     | 1        |
| 15  | 37.57.015  | Cellular rubber pre-cut part      |                     | 1        |
| 16  | 48.16.420V | Socket cap screw M4x20 stainless  |                     | 4        |
| 17  | 48.16.518V | Socket cap screw M5x18 stainless  |                     | 4        |
| 18  | 89.02.0024 | DATA CABLE USB 0,22m              |                     | 1        |

\*Recommended spare part

Modifications and errors excepted

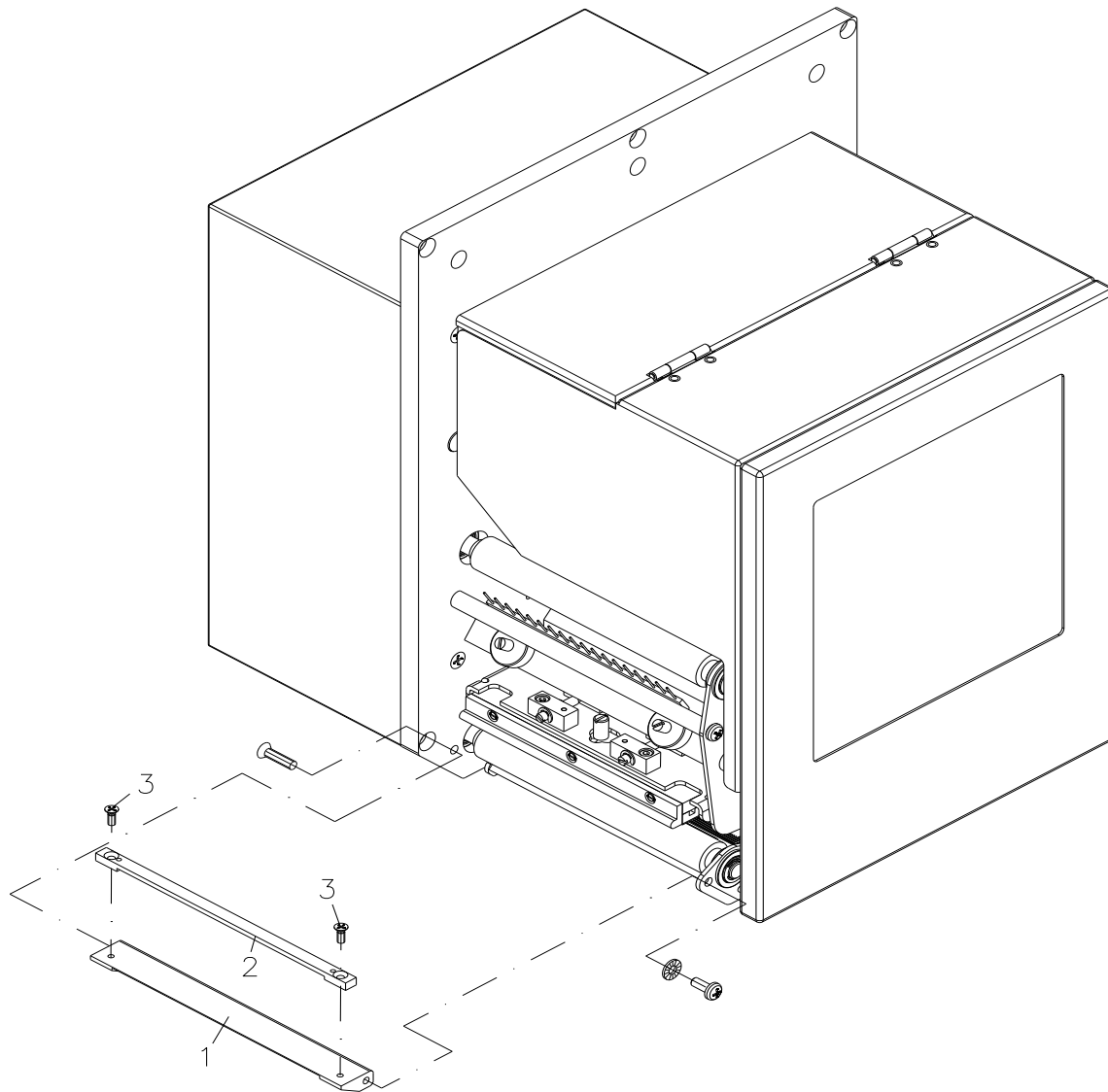
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## 90.87.930

DISPENSER EDGE LONG WITH DOWNHOLDER

SPE/SPX 10X, OPTION, SURCHARGE FOR NEW DEVICE



## 90.87.930

DISPENSER EDGE LONG WITH DOWNHOLDER

SPE/SPX 10X, OPTION, SURCHARGE FOR NEW DEVICE

| Pos | Ident-No.  | Description1                                  | Description2    | Quantity |
|-----|------------|-----------------------------------------------|-----------------|----------|
| 1   | 45.87.505  | Dispensing pillar long for holding-down clamp | SPE 10X/SPX 10X | 1        |
| 2   | 45.87.520  | Holding-down clamp                            | SPE 10X/SPX 10X | 1        |
| 3   | 48.15.308V | Countersunk screw M3x8 stainless              |                 | 2        |

\*Recommended spare part

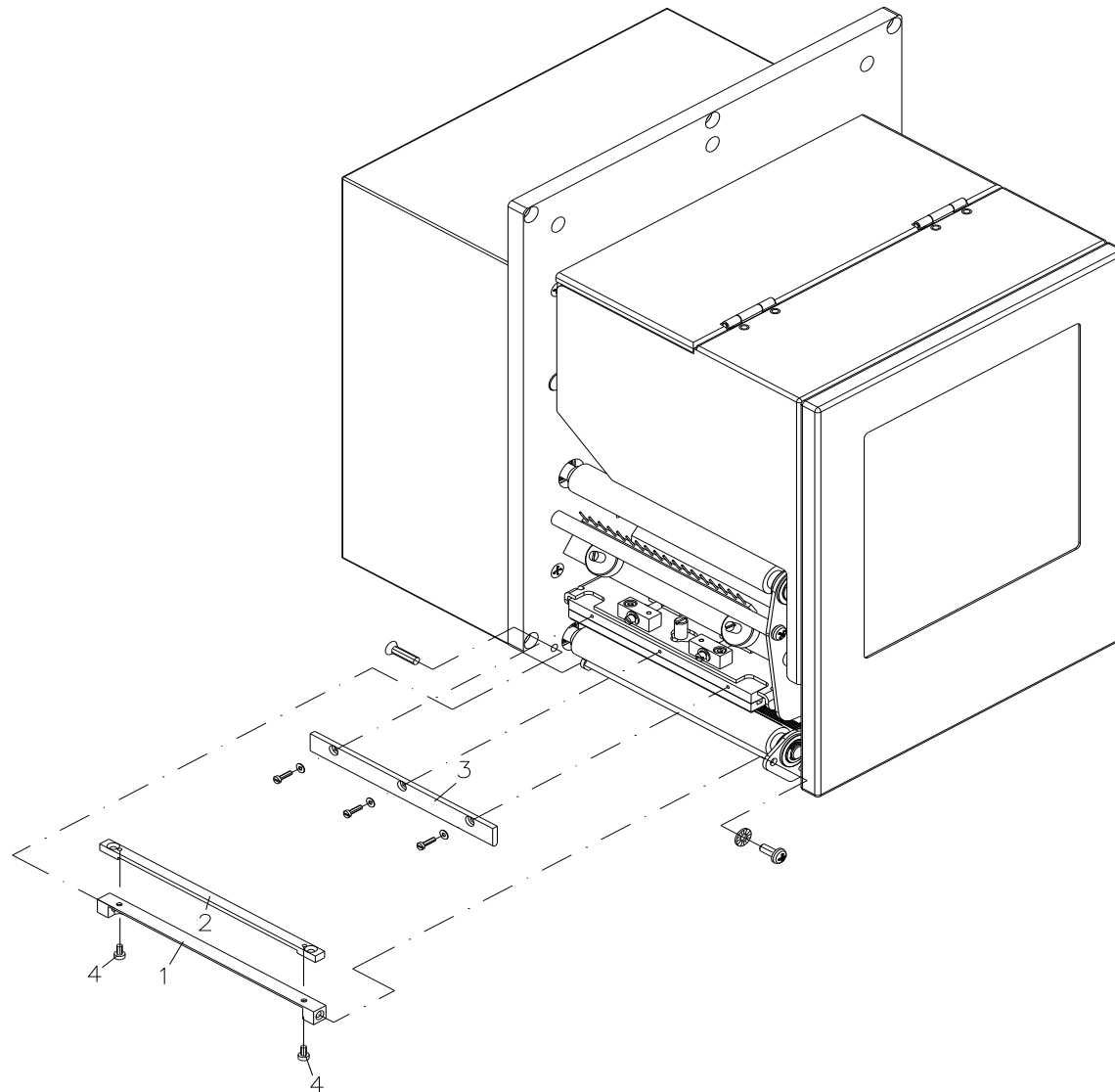
Modifications and errors excepted

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## 90.87.932

DISPENSER EDGE SHORT WITH DOWNHOLDER  
SPE/SPX 10X, OPTION, SURCHARGE FOR NEW DEVICE



## 90.87.932

DISPENSER EDGE SHORT WITH DOWNHOLDER

SPE/SPX 10X, OPTION, SURCHARGE FOR NEW DEVICE

| Pos | Ident-No.  | Description1                                   | Description2                            | Quantity |
|-----|------------|------------------------------------------------|-----------------------------------------|----------|
| 1   | 45.87.500  | Dispensing pillar short for holding-down clamp | SPE 10X/SPX 10X                         | 1        |
| 2   | 45.87.520  | Holding-down clamp                             | SPE 10X/SPX 10X                         | 1        |
| 3   | 45.88.125  | Guiding                                        | Spectra 108/SPE 104 "SRD"/SPE 106 "SRD" | 1        |
| 4   | 48.14.205V | Pan screw M2.5x5 stainless                     |                                         | 2        |

\*Recommended spare part

Modifications and errors excepted

SPE II: 06.2023

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## 90.87.934

DISPENSER EDGE SHORT WITH DOWNHOLDER

SPE/SPX 16X, OPTION, SURCHARGE FOR NEW DEVICE

| Pos | Ident-No.  | Description1               | Description2    | Quantity |
|-----|------------|----------------------------|-----------------|----------|
| 1   | 45.87.523  | HOLDING DOWN               |                 | 1        |
| 2   | 45.87.525  | Dispensing pillar          | SPE 16X/SPX 16X | 1        |
| 3   | 45.88.225  | Guiding                    | Spectra 162     | 1        |
| 4   | 48.14.205V | Pan screw M2.5x5 stainless |                 | 2        |

\*Recommended spare part

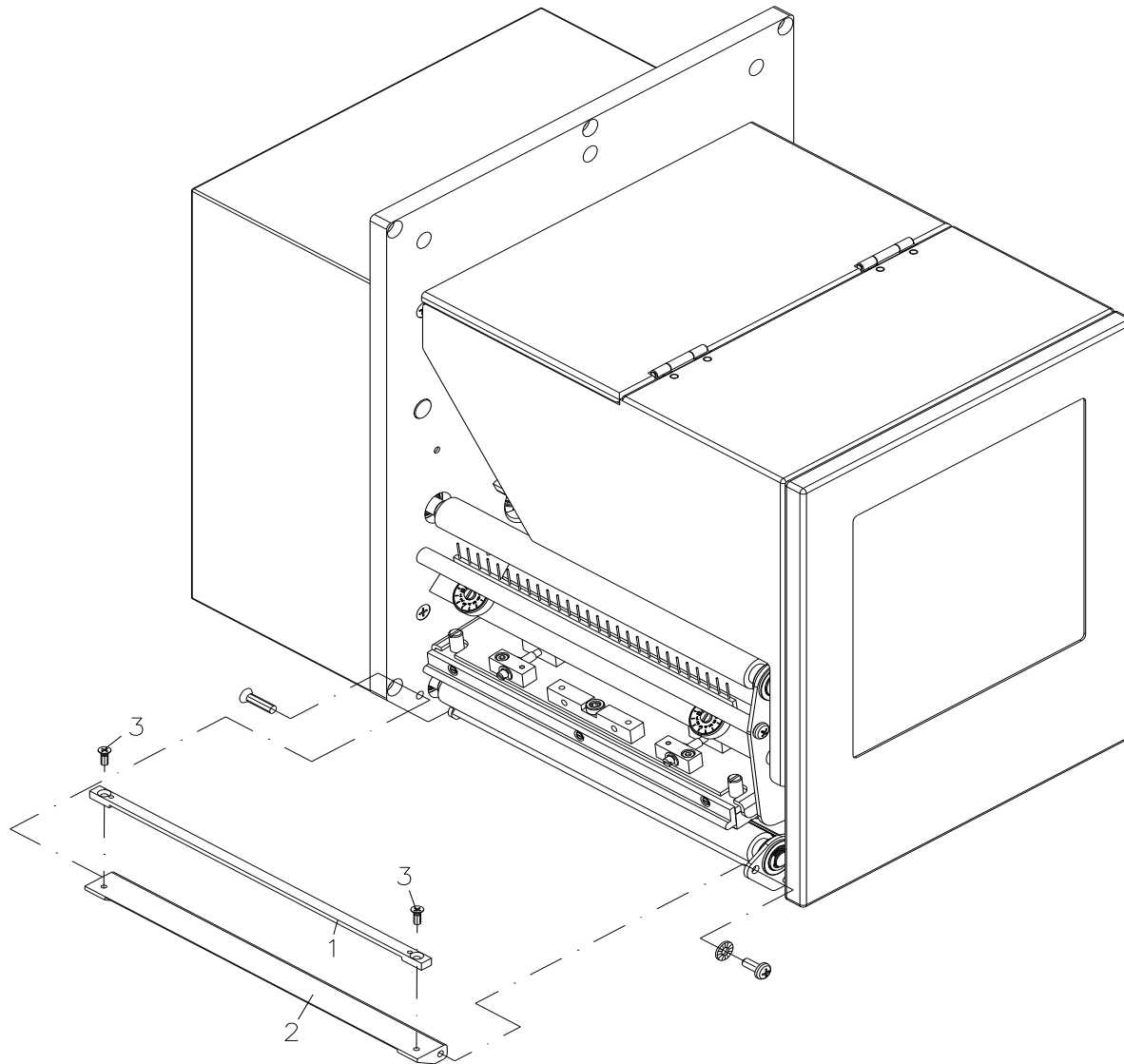
Modifications and errors excepted

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## 90.87.936

DISPENSER EDGE LONG WITH DOWNHOLDER  
SPE/SPX16X, OPTION, SURCHARGE FOR NEW DEVICE



## 90.87.936

DISPENSER EDGE LONG WITH DOWNHOLDER  
SPE/SPX16X, OPTION, SURCHARGE FOR NEW DEVICE

| Pos | Ident-No.  | Description1                     | Description2 | Quantity |
|-----|------------|----------------------------------|--------------|----------|
| 1   | 45.87.523  | HOLDING DOWN                     |              | 1        |
| 2   | 45.87.526  | DISPENSING PILLAR                |              | 1        |
| 3   | 48.15.308V | Countersunk screw M3x8 stainless |              | 2        |

\*Recommended spare part

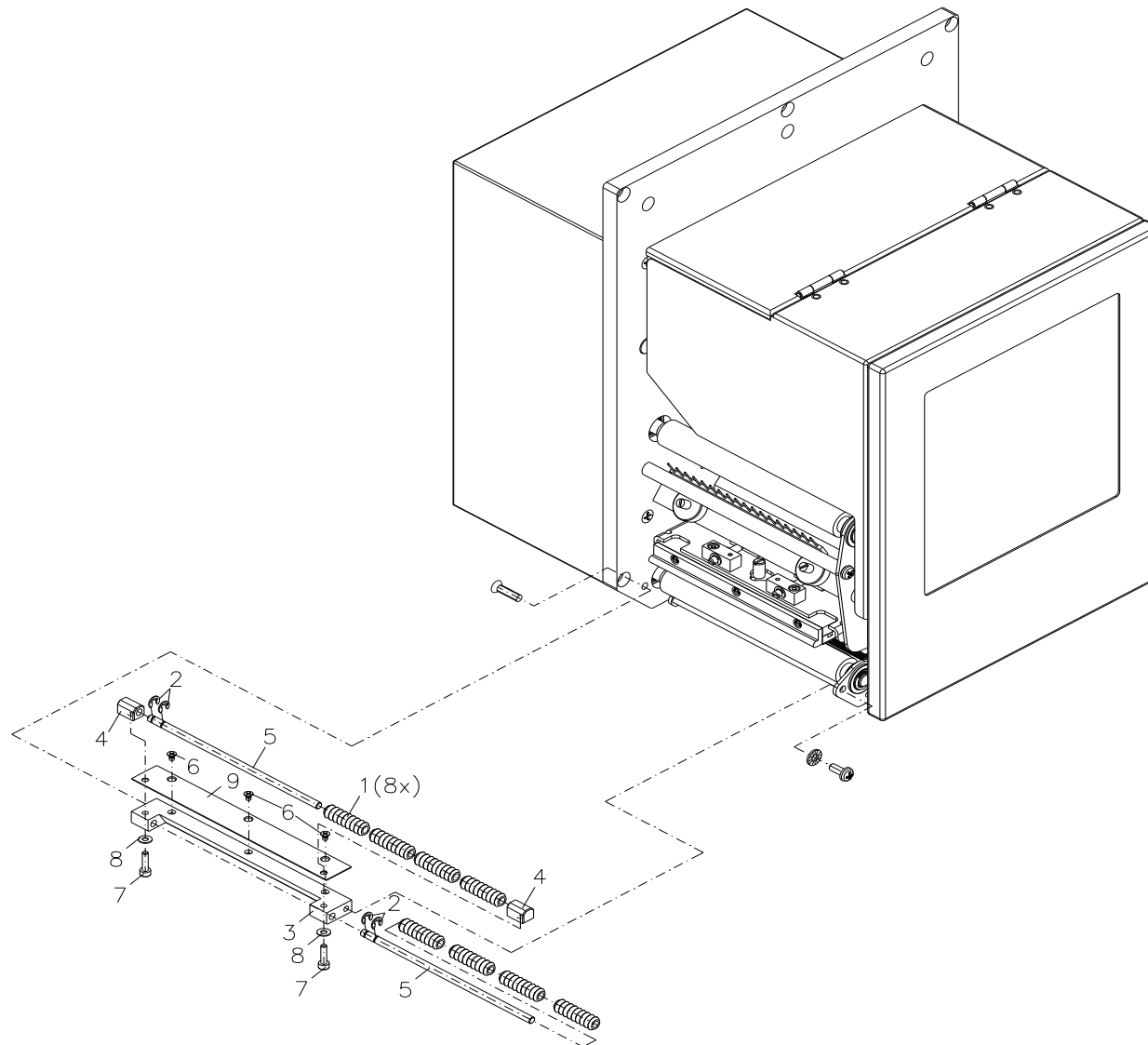
Modifications and errors excepted

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**90.87.938**

**DISPENSER EDGE LONG WITH 2 DOWNHOLDERS**  
**SPE 10X, OPTION**



## 90.87.938

### DISPENSER EDGE LONG WITH 2 DOWNHOLDERS

#### SPE 10X, OPTION

| Pos | Ident-No.  | Description1                       | Description2 | Quantity |
|-----|------------|------------------------------------|--------------|----------|
| 1   | 16.88.505  | Dispenser roller                   | Spectra      | 8        |
| 2   | 40.01.003V | Shaft protection 3.2 mm stainless  |              | 4        |
| 3   | 45.87.530  | STRUT                              |              | 1        |
| 4   | 45.87.532  | Bracket                            | SPE 10X      | 2        |
| 5   | 46.87.530  | Shaft for dispenser roller         | SPE 10X      | 2        |
| 6   | 48.15.204V | Countersunk screw M2.5x4 stainless |              | 3        |
| 7   | 48.16.312V | Socket cap screw M3x12 stainless   |              | 2        |
| 8   | 50.01.057V | Washer 3.2 stainless               |              | 2        |
| 9   | 67.87.532  | DISPENSING LEDGE                   | SPE10X       | 1        |

\*Recommended spare part

Modifications and errors excepted

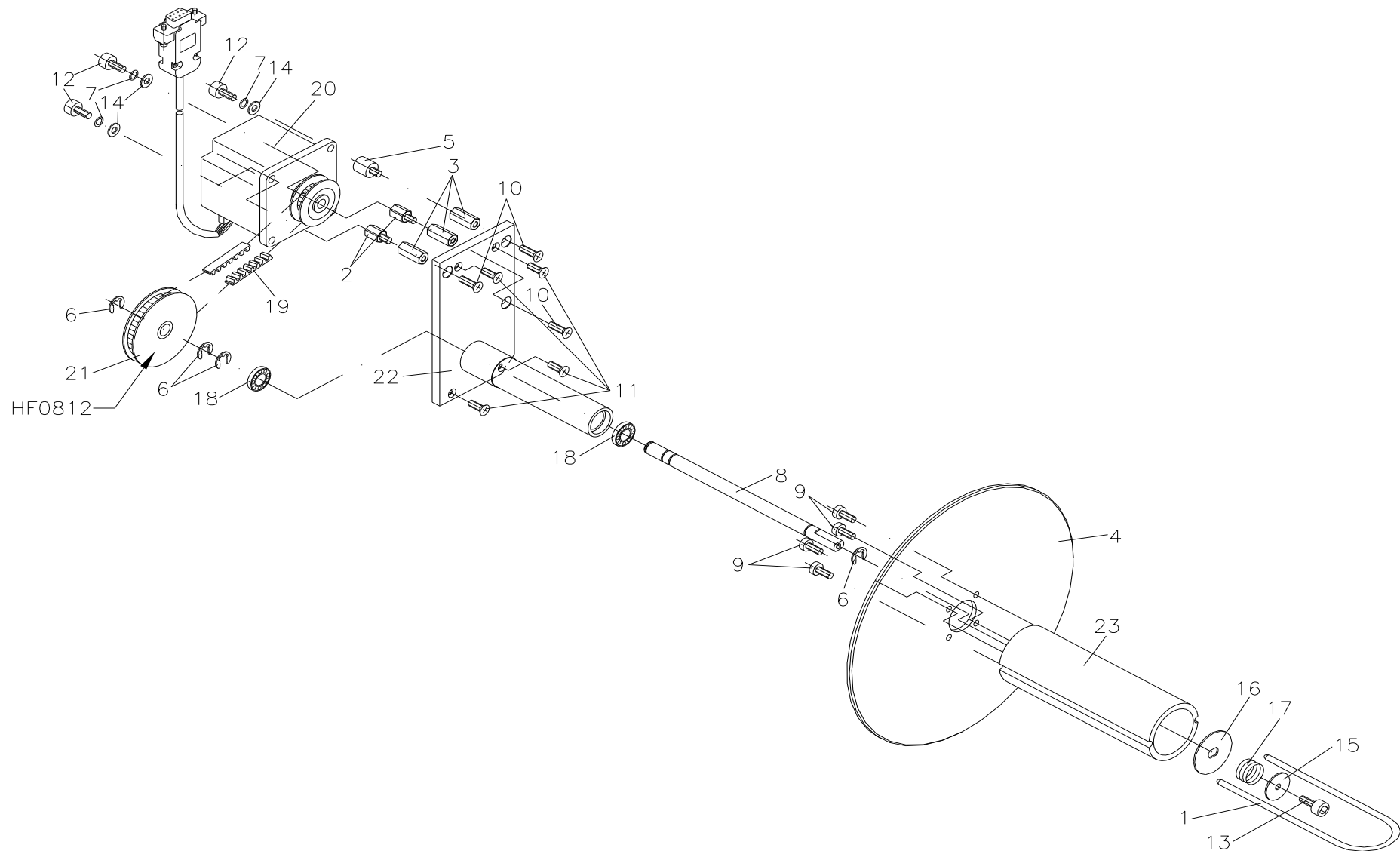
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## 90.87.970

### REWINDER FOR BACKING PAPER

#### SPE/SPX 10X, OPTION



## 90.87.970

### REWINDER FOR BACKING PAPER

#### SPE/SPX 10X, OPTION

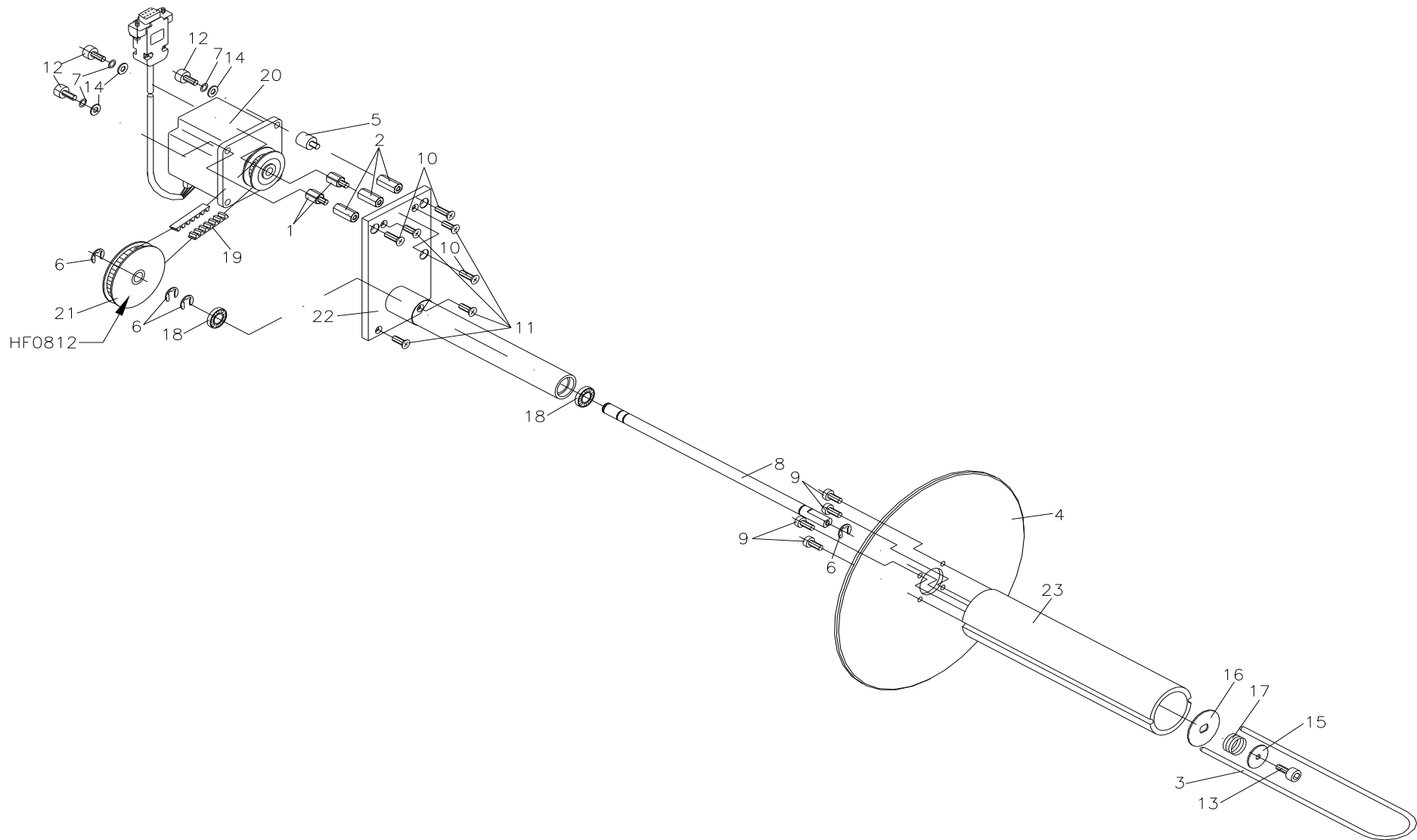
| Pos | Ident-No.  | Description1                      | Description2                                      | Quantity |
|-----|------------|-----------------------------------|---------------------------------------------------|----------|
| 1*  | 12.15.035  | Clasp                             | Spectra/Vario/PR28/PR48/PR49                      | 1        |
| 2   | 12.40.410  | Distance bolt M4x10               |                                                   | 2        |
| 3   | 12.40.417  | Distance bolt M4x17               | Spectra/SPE                                       | 3        |
| 4   | 16.87.710  | Washer                            | SPE/SPX                                           | 1        |
| 5   | 37.28.010  | Vibration absorption              | Spectra/SPE/SPX                                   | 1        |
| 6   | 40.01.006V | Shaft protection 6 mm stainless   |                                                   | 4        |
| 7   | 41.03.004V | Lock washer M4 stainless          |                                                   | 3        |
| 8   | 46.88.701  | Bearing shaft                     | Spectra/SPE                                       | 1        |
| 9   | 48.14.410V | Pan screw M4x10 stainless         |                                                   | 4        |
| 10  | 48.15.002V | Pan screw M4x10 stainless         |                                                   | 3        |
| 11  | 48.15.408V | Pan screw M4x8 stainless          |                                                   | 4        |
| 12  | 48.16.410V | Socket cap screw M4x10 stainless  |                                                   | 3        |
| 13  | 48.16.412V | Socket cap screw M4x12 stainless  |                                                   | 1        |
| 14  | 50.01.065V | Lock washer 4.3 stainless         |                                                   | 3        |
| 15  | 50.01.096V | Lock washer 4.3x20x1.25 stainless |                                                   | 1        |
| 16  | 50.15.005  | Brake washer                      | Spectra/Vario/Vita/ILX/Duoprint, only replacement | 1        |
| 17* | 52.01.007  | Compression spring                | Spectra/SPE/Vario/PR25/26/28/45/48/49/ILX         | 1        |
| 18* | 57.01.006  | Grooved ball bearing              |                                                   | 2        |
| 19* | 59.88.225  | Toothed belt                      | Spectra                                           | 1        |
| 20  | 71.87.605  | Stepper motor rewinder cpl        | SPE                                               | 1        |
| 21* | 72.88.048  | Toothed belt wheel cpl            | Spectra/SPE/Vario/SPX/Vita/Flexicode/ILX/ALP      | 1        |
| 22  | 72.88.701  | Carrier plate cpl                 | Spectra                                           | 1        |
| 23  | 72.88.705  | Label rewinding roller cpl        | Spectra 10X/SPE 10X/ILX 10X                       | 1        |

\*Recommended spare part

**90.87.973**

**REWINDER FOR BACKING PAPER**

**SPE/SPX 16X, OPTION**



## 90.87.973

### REWINDER FOR BACKING PAPER

#### SPE/SPX 16X, OPTION

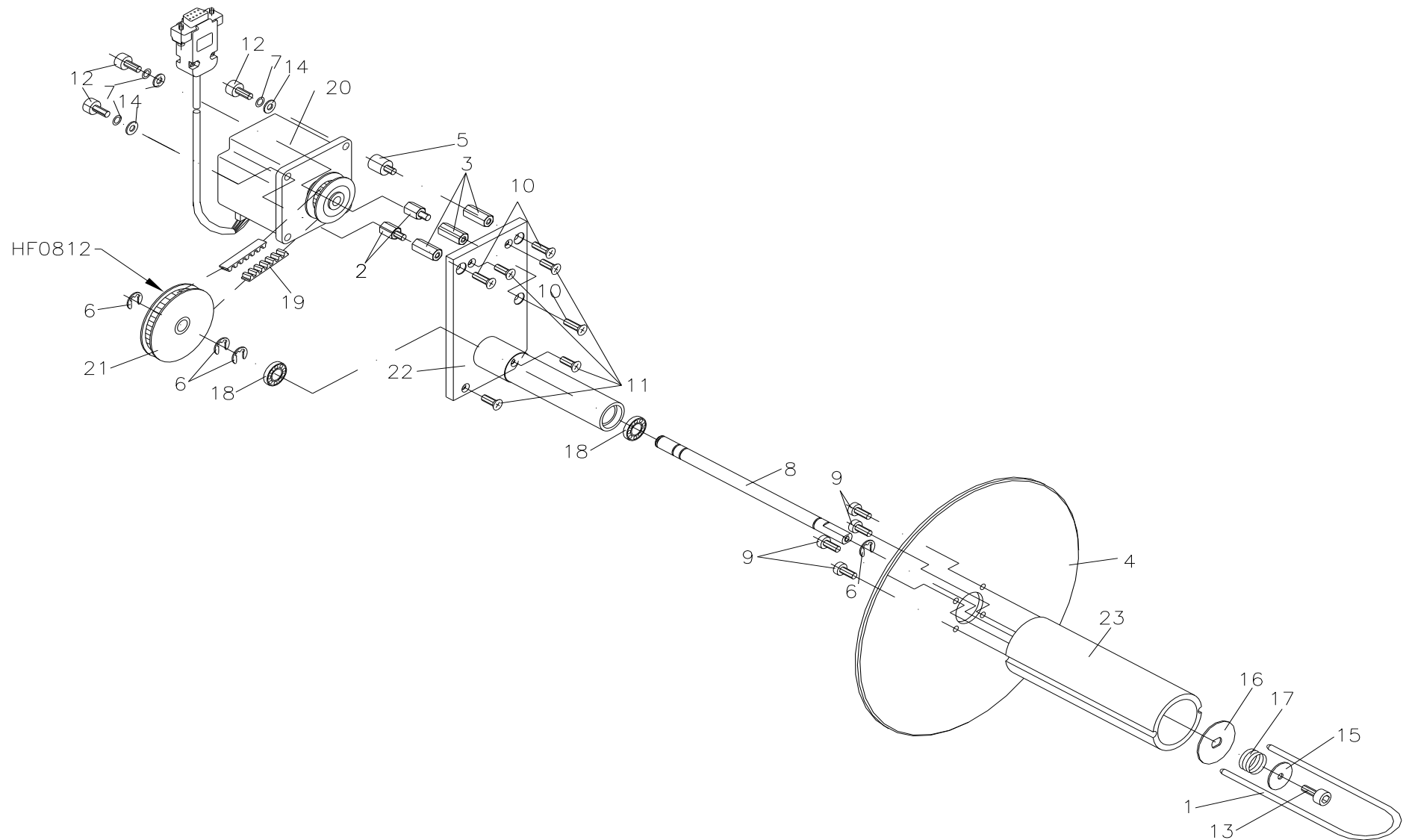
| Pos | Ident-No.  | Description1                      | Description2                                      | Quantity |
|-----|------------|-----------------------------------|---------------------------------------------------|----------|
| 1   | 12.40.410  | Distance bolt M4x10               |                                                   | 2        |
| 2   | 12.40.417  | Distance bolt M4x17               | Spectra/SPE                                       | 3        |
| 3   | 12.88.703  | Clasp                             | Spectra 162/SPE 160                               | 1        |
| 4   | 16.87.710  | Washer                            | SPE/SPX                                           | 1        |
| 5   | 37.28.010  | Vibration absorption              | Spectra/SPE/SPX                                   | 1        |
| 6   | 40.01.006V | Shaft protection 6 mm stainless   |                                                   | 4        |
| 7   | 41.03.004V | Lock washer M4 stainless          |                                                   | 3        |
| 8   | 46.88.703  | Bearing shaft                     | Spectra 162/SPE 160                               | 1        |
| 9   | 48.14.410V | Pan screw M4x10 stainless         |                                                   | 4        |
| 10  | 48.15.002V | Pan screw M4x10 stainless         |                                                   | 3        |
| 11  | 48.15.408V | Pan screw M4x8 stainless          |                                                   | 4        |
| 12  | 48.16.410V | Socket cap screw M4x10 stainless  |                                                   | 3        |
| 13  | 48.16.412V | Socket cap screw M4x12 stainless  |                                                   | 1        |
| 14  | 50.01.065V | Lock washer 4.3 stainless         |                                                   | 3        |
| 15  | 50.01.096V | Lock washer 4.3x20x1.25 stainless |                                                   | 1        |
| 16  | 50.15.005  | Brake washer                      | Spectra/Vario/Vita/ILX/Duoprint, only replacement | 1        |
| 17* | 52.01.007  | Compression spring                | Spectra/SPE/Vario/PR25/26/28/45/48/49/ILX         | 1        |
| 18* | 57.01.006  | Grooved ball bearing              |                                                   | 2        |
| 19* | 59.88.225  | Toothed belt                      | Spectra                                           | 1        |
| 20  | 71.87.605  | Stepper motor rewinder cpl        | SPE                                               | 1        |
| 21* | 72.88.048  | Toothed belt wheel cpl            | Spectra/SPE/Vario/SPX/Vita/Flexicode/ILX/ALP      | 1        |
| 22  | 72.88.703  | Carrier plate cpl                 | Spectra 162/Spectra 216/SPE 160                   | 1        |
| 23  | 72.88.708  | Label rewinding roller cpl        | Spectra 162/SPE 160                               | 1        |

\*Recommended spare part

## 90.87.975

### REWINDER FOR BACKING PAPER

#### SPE/SPX 10X, OPTION



## 90.87.975

### REWINDER FOR BACKING PAPER

#### SPE/SPX 10X, OPTION

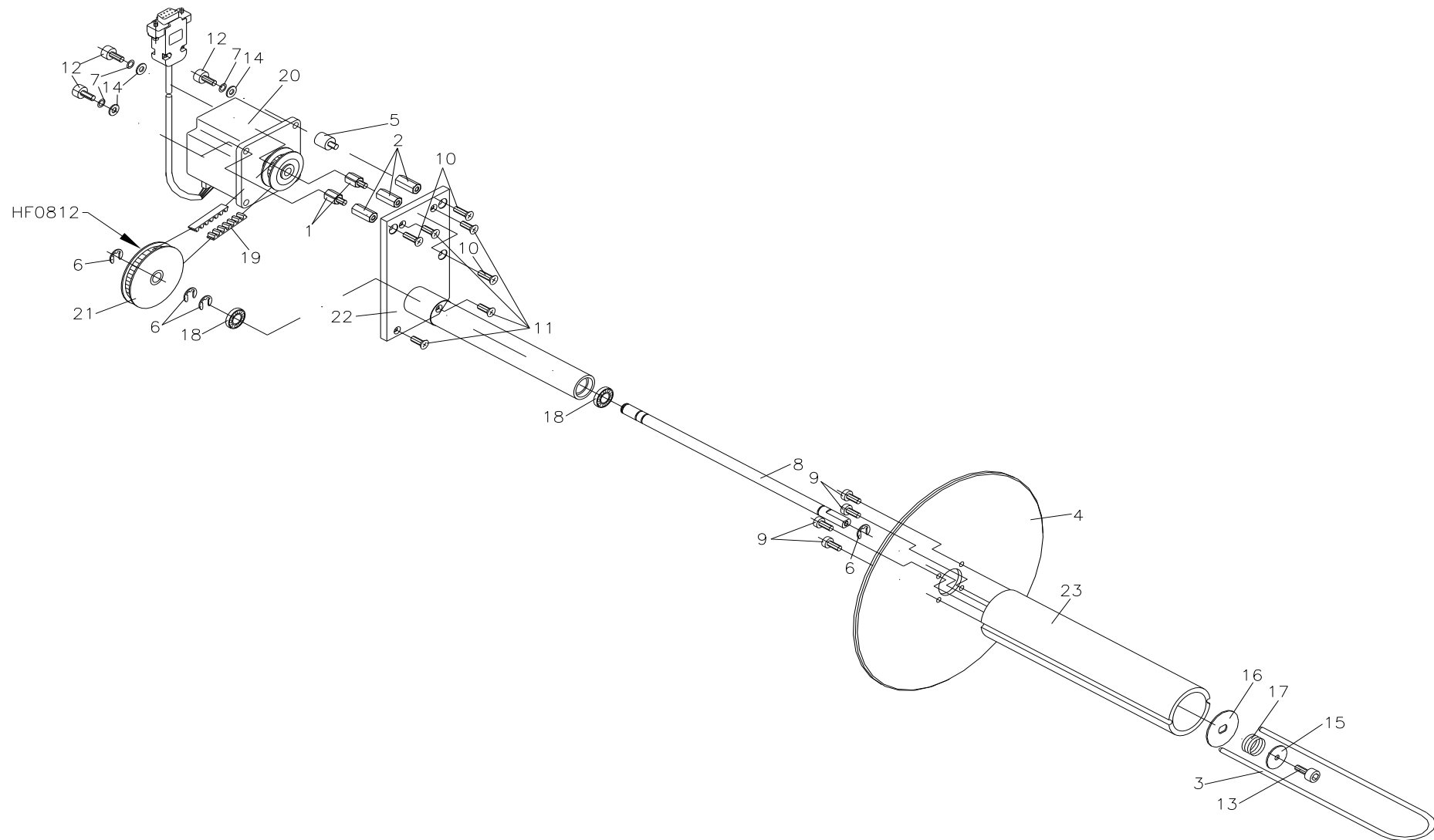
| Pos | Ident-No.  | Description1                      | Description2                                      | Quantity |
|-----|------------|-----------------------------------|---------------------------------------------------|----------|
| 1*  | 12.15.035  | Clasp                             | Spectra/Vario/PR28/PR48/PR49                      | 1        |
| 2   | 12.40.410  | Distance bolt M4x10               |                                                   | 2        |
| 3   | 12.40.417  | Distance bolt M4x17               | Spectra/SPE                                       | 3        |
| 4   | 16.87.710  | Washer                            | SPE/SPX                                           | 1        |
| 5   | 37.28.010  | Vibration absorption              | Spectra/SPE/SPX                                   | 1        |
| 6   | 40.01.006V | Shaft protection 6 mm stainless   |                                                   | 4        |
| 7   | 41.03.004V | Lock washer M4 stainless          |                                                   | 3        |
| 8   | 46.88.701  | Bearing shaft                     | Spectra/SPE                                       | 1        |
| 9   | 48.14.410V | Pan screw M4x10 stainless         |                                                   | 4        |
| 10  | 48.15.002V | Pan screw M4x10 stainless         |                                                   | 3        |
| 11  | 48.15.408V | Pan screw M4x8 stainless          |                                                   | 4        |
| 12  | 48.16.410V | Socket cap screw M4x10 stainless  |                                                   | 3        |
| 13  | 48.16.412V | Socket cap screw M4x12 stainless  |                                                   | 1        |
| 14  | 50.01.065V | Lock washer 4.3 stainless         |                                                   | 3        |
| 15  | 50.01.096V | Lock washer 4.3x20x1.25 stainless |                                                   | 1        |
| 16  | 50.15.005  | Brake washer                      | Spectra/Vario/Vita/ILX/Duoprint, only replacement | 1        |
| 17* | 52.01.007  | Compression spring                | Spectra/SPE/Vario/PR25/26/28/45/48/49/ILX         | 1        |
| 18* | 57.01.006  | Grooved ball bearing              |                                                   | 2        |
| 19* | 59.88.225  | Toothed belt                      | Spectra                                           | 1        |
| 20  | 71.87.601  | Stepper motor rewinder cpl        | SPE                                               | 1        |
| 21  | 72.88.049  | Toothed belt wheel cpl            | Spectra/SPE/SPX/Flexicode/ILX                     | 1        |
| 22  | 72.88.701  | Carrier plate cpl                 | Spectra                                           | 1        |
| 23  | 72.88.705  | Label rewinding roller cpl        | Spectra 10X/SPE 10X/ILX 10X                       | 1        |

\*Recommended spare part

**90.87.978**

**REWINDER FOR BACKING PAPER**

**SPE/SPX 16X, OPTION**



## 90.87.978

### REWINDER FOR BACKING PAPER

#### SPE/SPX 16X, OPTION

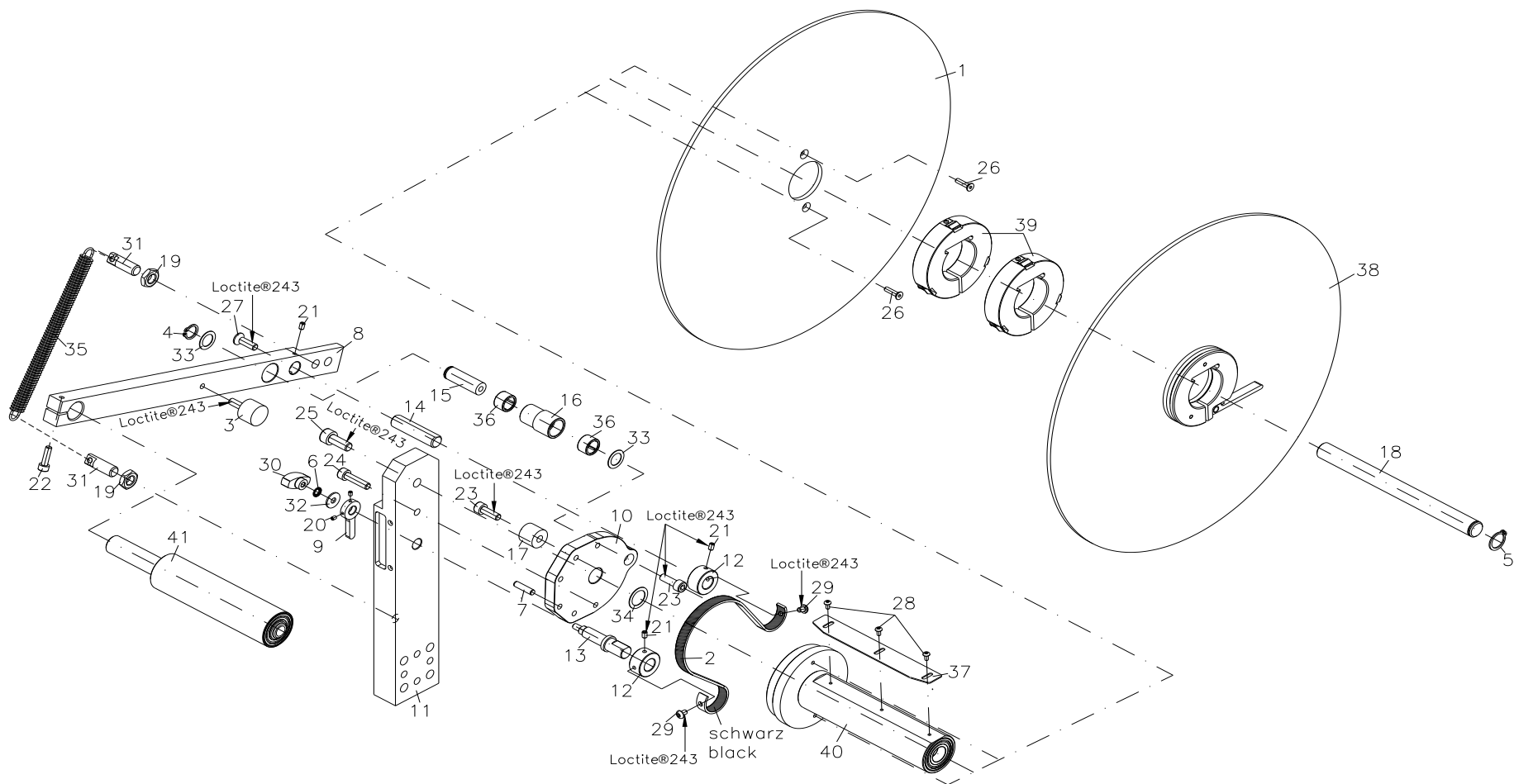
| Pos | Ident-No.  | Description1                      | Description2                                      | Quantity |
|-----|------------|-----------------------------------|---------------------------------------------------|----------|
| 1   | 12.40.410  | Distance bolt M4x10               |                                                   | 2        |
| 2   | 12.40.417  | Distance bolt M4x17               | Spectra/SPE                                       | 3        |
| 3   | 12.88.703  | Clasp                             | Spectra 162/SPE 160                               | 1        |
| 4   | 16.87.710  | Washer                            | SPE/SPX                                           | 1        |
| 5   | 37.28.010  | Vibration absorption              | Spectra/SPE/SPX                                   | 1        |
| 6   | 40.01.006V | Shaft protection 6 mm stainless   |                                                   | 4        |
| 7   | 41.03.004V | Lock washer M4 stainless          |                                                   | 3        |
| 8   | 46.88.703  | Bearing shaft                     | Spectra 162/SPE 160                               | 1        |
| 9   | 48.14.410V | Pan screw M4x10 stainless         |                                                   | 4        |
| 10  | 48.15.002V | Pan screw M4x10 stainless         |                                                   | 3        |
| 11  | 48.15.408V | Pan screw M4x8 stainless          |                                                   | 4        |
| 12  | 48.16.410V | Socket cap screw M4x10 stainless  |                                                   | 3        |
| 13  | 48.16.412V | Socket cap screw M4x12 stainless  |                                                   | 1        |
| 14  | 50.01.065V | Lock washer 4.3 stainless         |                                                   | 3        |
| 15  | 50.01.096V | Lock washer 4.3x20x1.25 stainless |                                                   | 1        |
| 16  | 50.15.005  | Brake washer                      | Spectra/Vario/Vita/ILX/Duoprint, only replacement | 1        |
| 17* | 52.01.007  | Compression spring                | Spectra/SPE/Vario/PR25/26/28/45/48/49/ILX         | 1        |
| 18* | 57.01.006  | Grooved ball bearing              |                                                   | 2        |
| 19* | 59.88.225  | Toothed belt                      | Spectra                                           | 1        |
| 20  | 71.87.601  | Stepper motor rewinder cpl        | SPE                                               | 1        |
| 21  | 72.88.049  | Toothed belt wheel cpl            | Spectra/SPE/SPX/Flexicode/ILX                     | 1        |
| 22  | 72.88.703  | Carrier plate cpl                 | Spectra 162/Spectra 216/SPE 160                   | 1        |
| 23  | 72.88.708  | Label rewinding roller cpl        | Spectra 162/SPE 160                               | 1        |

\*Recommended spare part

# 92.87.020C

UNWINDER PA 92C

SPE II 10X RIGHT, OPTION



## 92.87.020C

UNWINDER PA 92C

SPE II 10X RIGHT, OPTION

| Pos | Ident-No.  | Description1                     | Description2 | Quantity |
|-----|------------|----------------------------------|--------------|----------|
| 1   | 16.74.910  | WASHER LIMIT STOP                |              | 1        |
| 2   | 18.74.900  | BRAKE BAND                       |              | 1        |
| 3   | 18.74.905  | RUBBER BUFFER                    |              | 1        |
| 4   | 40.02.012V | LOCKING RING 12mm DIN 471        |              | 1        |
| 5   | 40.02.015V | LOCKING RING 15mm DIN 471        |              | 1        |
| 6   | 41.03.005V | Lock washer M5 stainless         |              | 1        |
| 7   | 43.02.520  | CYLINDER PIN                     |              | 1        |
| 8   | 45.74.925  | LEVER                            |              | 1        |
| 9   | 45.74.926  | BOLT LOCK GREEN                  |              | 1        |
| 10  | 45.74.930  | BEARING WASHER                   |              | 1        |
| 11  | 45.87.920C | BRACKET FOR PA9XC SPE II         |              | 1        |
| 12  | 46.74.910  | ADJUSTING RING                   |              | 2        |
| 13  | 46.74.912  | SHAFT FOR ADJUSTING RING         |              | 1        |
| 14  | 46.74.913  | BOLT FOR ADJUSTING RING          |              | 1        |
| 15  | 46.74.921  | Bearing shaft, lever             | PA7XB        | 1        |
| 16  | 46.74.925  | Bearing bushing                  | PA7XB        | 1        |
| 17  | 46.74.926  | SLEEVE                           |              | 1        |
| 18  | 46.74.972  | BEARING SHAFT 10X                |              | 1        |
| 19  | 47.09.001V | Hexagon nut M10 stainless        |              | 2        |
| 20  | 48.10.004V | Setscrew M3x4 stainless          |              | 2        |
| 21  | 48.10.406V | Setscrew M4x6 stainless          |              | 3        |
| 22  | 48.16.518V | Socket cap screw M5x18 stainless |              | 1        |
| 23  | 48.16.618V | Socket cap screw M6x18 stainless |              | 2        |
| 24  | 48.16.625V | Socket cap screw M6x25 stainless |              | 1        |
| 25  | 48.16.820V | Socket cap screw M8x20 stainless |              | 1        |
| 26  | 48.19.416V | HEXAGON SCREW A2 M4X16 DIN7991   |              | 2        |
| 27  | 48.19.620V | Socket cap screw M6x20 stainless |              | 1        |
| 28  | 48.24.306V | INBUS A2 STAINLESS M3x6          |              | 3        |

\*Recommended spare part

## 92.87.020C

UNWINDER PA 92C

SPE II 10X RIGHT, OPTION

| Pos | Ident-No.  | Description1                  | Description2  | Quantity |
|-----|------------|-------------------------------|---------------|----------|
| 29  | 48.24.406V | Pan screw M4x6 stainless      |               | 2        |
| 30  | 48.29.005  | WINGED NUT                    |               | 1        |
| 31  | 48.74.900  | SPRING BOLT                   |               | 2        |
| 32  | 50.01.047V | LOCK WASHER                   |               | 1        |
| 33  | 50.51.205  | WASHER                        |               | 2        |
| 34  | 50.51.505  | Washer 15x21x0.5              |               | 1        |
| 35  | 52.74.905  | TENSION SPRING                |               | 1        |
| 36  | 57.03.008  | NEEDLE SLEEVE                 |               | 2        |
| 37  | 67.74.932  | SPRING PLATE 10X              |               | 1        |
| 38  | 72.74.911  | Disc cpl                      | PA7XB         | 1        |
| 39  | 72.74.915  | Additional toroidal 75 mm cpl | PA7XB         | 2        |
| 40  | 72.74.942  | Unwinding roller cpl          | ILX 10X PA7XB | 1        |
| 41  | 72.74.962  | Roller cpl                    | ILX 10X PA7XB | 1        |

\*Recommended spare part

Modifications and errors excepted

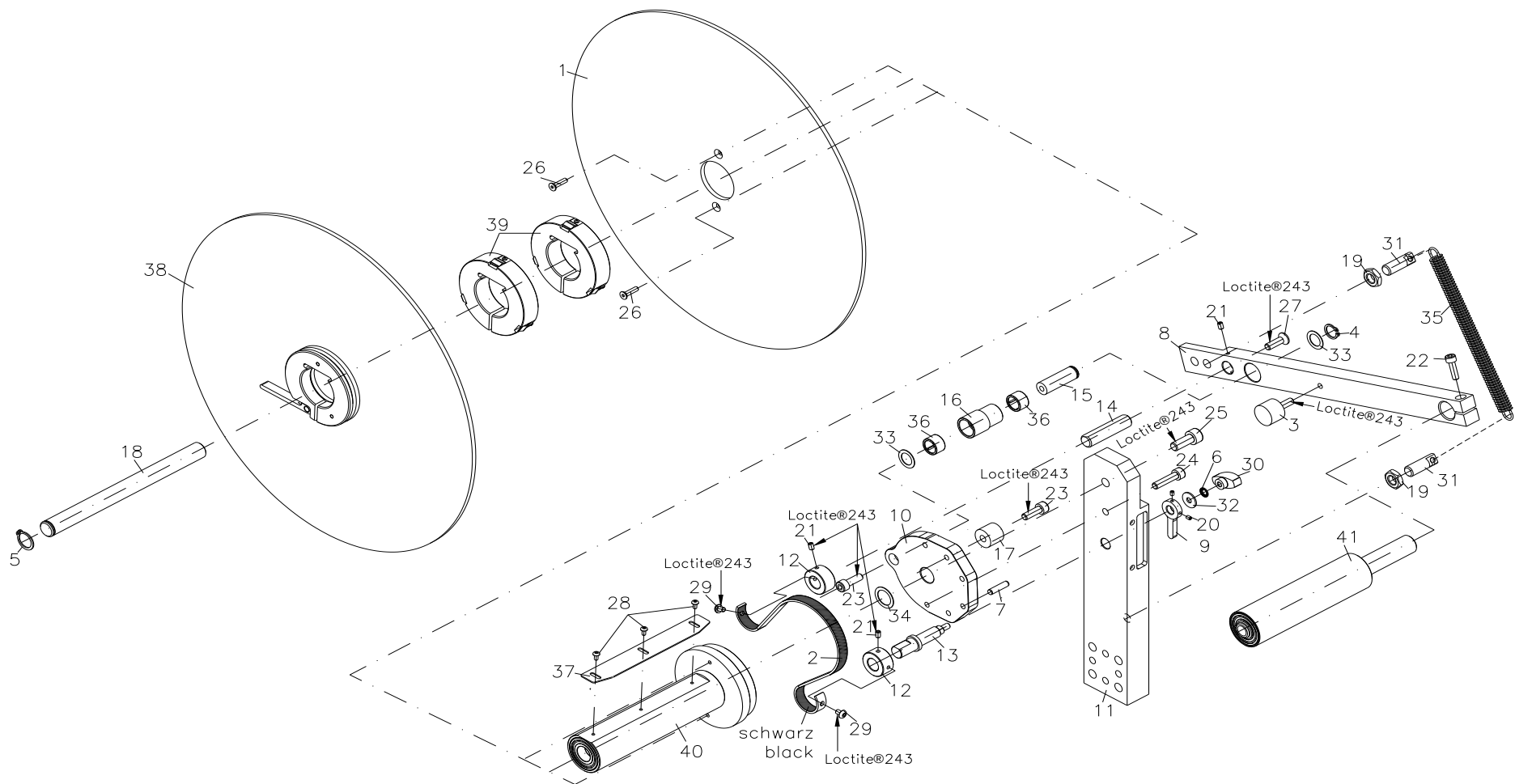
SPE II: 06.2023

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# 92.87.025C

UNWINDER PA 95C

SPE II 10X LEFT, OPTION



## 92.87.025C

UNWINDER PA 95C

SPE II 10X LEFT, OPTION

| Pos | Ident-No.  | Description1                     | Description2 | Quantity |
|-----|------------|----------------------------------|--------------|----------|
| 1   | 16.74.910  | WASHER LIMIT STOP                |              | 1        |
| 2   | 18.74.900  | BRAKE BAND                       |              | 1        |
| 3   | 18.74.905  | RUBBER BUFFER                    |              | 1        |
| 4   | 40.02.012V | LOCKING RING 12mm DIN 471        |              | 1        |
| 5   | 40.02.015V | LOCKING RING 15mm DIN 471        |              | 1        |
| 6   | 41.03.005V | Lock washer M5 stainless         |              | 1        |
| 7   | 43.02.520  | CYLINDER PIN                     |              | 1        |
| 8   | 45.74.925  | LEVER                            |              | 1        |
| 9   | 45.74.926  | BOLT LOCK GREEN                  |              | 1        |
| 10  | 45.74.930  | BEARING WASHER                   |              | 1        |
| 11  | 45.87.920C | BRACKET FOR PA9XC SPE II         |              | 1        |
| 12  | 46.74.910  | ADJUSTING RING                   |              | 2        |
| 13  | 46.74.912  | SHAFT FOR ADJUSTING RING         |              | 1        |
| 14  | 46.74.913  | BOLT FOR ADJUSTING RING          |              | 1        |
| 15  | 46.74.921  | Bearing shaft, lever             | PA7XB        | 1        |
| 16  | 46.74.925  | Bearing bushing                  | PA7XB        | 1        |
| 17  | 46.74.926  | SLEEVE                           |              | 1        |
| 18  | 46.74.972  | BEARING SHAFT 10X                |              | 1        |
| 19  | 47.09.001V | Hexagon nut M10 stainless        |              | 2        |
| 20  | 48.10.004V | Setscrew M3x4 stainless          |              | 2        |
| 21  | 48.10.406V | Setscrew M4x6 stainless          |              | 3        |
| 22  | 48.16.518V | Socket cap screw M5x18 stainless |              | 1        |
| 23  | 48.16.618V | Socket cap screw M6x18 stainless |              | 2        |
| 24  | 48.16.625V | Socket cap screw M6x25 stainless |              | 1        |
| 25  | 48.16.820V | Socket cap screw M8x20 stainless |              | 1        |
| 26  | 48.19.416V | HEXAGON SCREW A2 M4X16 DIN7991   |              | 2        |
| 27  | 48.19.620V | Socket cap screw M6x20 stainless |              | 1        |
| 28  | 48.24.306V | INBUS A2 STAINLESS M3x6          |              | 3        |

\*Recommended spare part

## 92.87.025C

UNWINDER PA 95C

SPE II 10X LEFT, OPTION

| Pos | Ident-No.  | Description1                  | Description2  | Quantity |
|-----|------------|-------------------------------|---------------|----------|
| 29  | 48.24.406V | Pan screw M4x6 stainless      |               | 2        |
| 30  | 48.29.005  | WINGED NUT                    |               | 1        |
| 31  | 48.74.900  | SPRING BOLT                   |               | 2        |
| 32  | 50.01.047V | LOCK WASHER                   |               | 1        |
| 33  | 50.51.205  | WASHER                        |               | 2        |
| 34  | 50.51.505  | Washer 15x21x0.5              |               | 1        |
| 35  | 52.74.905  | TENSION SPRING                |               | 1        |
| 36  | 57.03.008  | NEEDLE SLEEVE                 |               | 2        |
| 37  | 67.74.932  | SPRING PLATE 10X              |               | 1        |
| 38  | 72.74.911  | Disc cpl                      | PA7XB         | 1        |
| 39  | 72.74.915  | Additional toroidal 75 mm cpl | PA7XB         | 2        |
| 40  | 72.74.942  | Unwinding roller cpl          | ILX 10X PA7XB | 1        |
| 41  | 72.74.962  | Roller cpl                    | ILX 10X PA7XB | 1        |

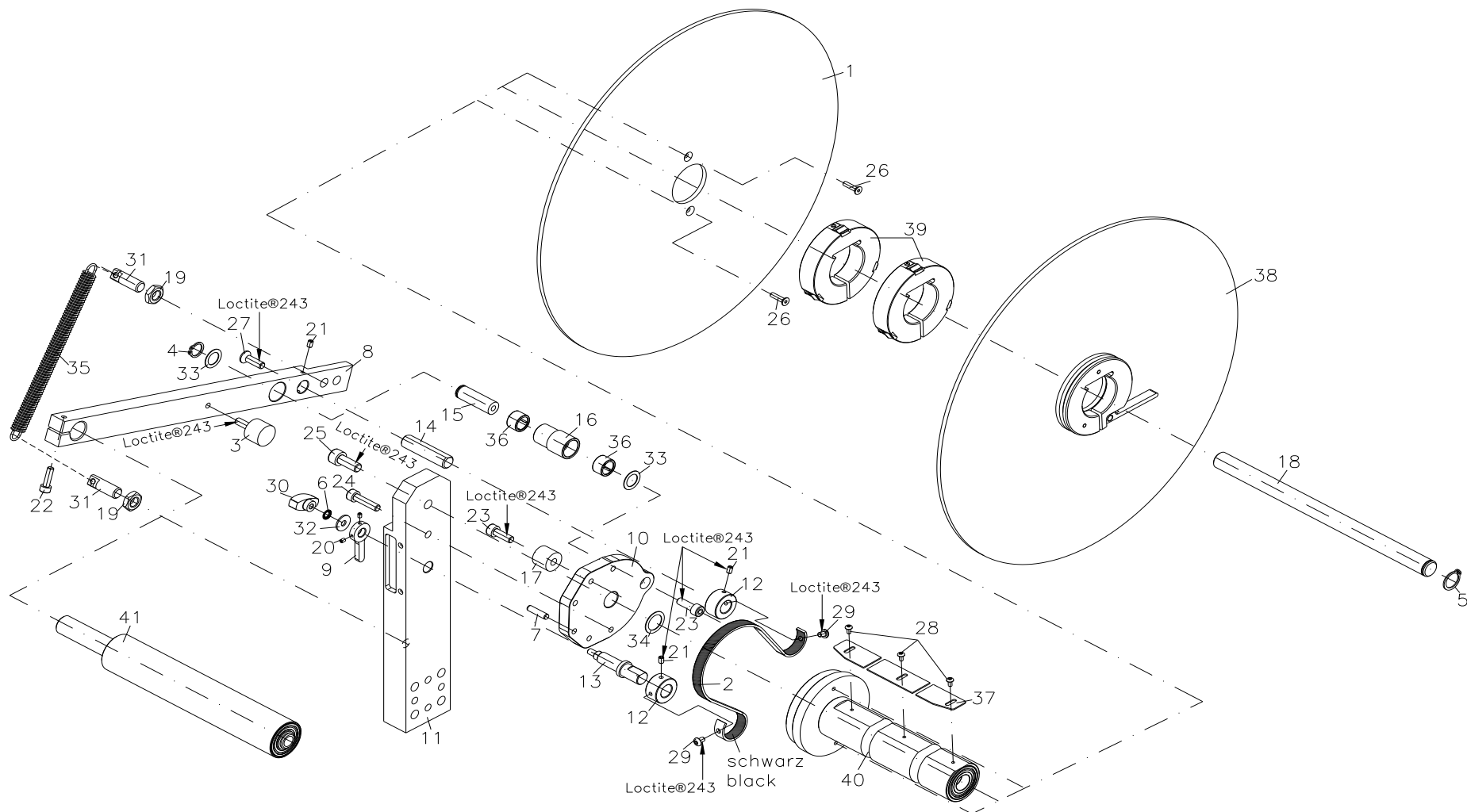
\*Recommended spare part

Modifications and errors excepted

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**92.87.030C**  
**UNWINDER PA 94C**  
**SPE II 16X RIGHT, OPTION**



## 92.87.030C

UNWINDER PA 94C

SPE II 16X RIGHT, OPTION

| Pos | Ident-No.  | Description1                     | Description2 | Quantity |
|-----|------------|----------------------------------|--------------|----------|
| 1   | 16.74.910  | WASHER LIMIT STOP                |              | 1        |
| 2   | 18.74.900  | BRAKE BAND                       |              | 1        |
| 3   | 18.74.905  | RUBBER BUFFER                    |              | 1        |
| 4   | 40.02.012V | LOCKING RING 12mm DIN 471        |              | 1        |
| 5   | 40.02.015V | LOCKING RING 15mm DIN 471        |              | 1        |
| 6   | 41.03.005V | Lock washer M5 stainless         |              | 1        |
| 7   | 43.02.520  | CYLINDER PIN                     |              | 1        |
| 8   | 45.74.925  | LEVER                            |              | 1        |
| 9   | 45.74.926  | BOLT LOCK GREEN                  |              | 1        |
| 10  | 45.74.930  | BEARING WASHER                   |              | 1        |
| 11  | 45.87.920C | BRACKET FOR PA9XC SPE II         |              | 1        |
| 12  | 46.74.910  | ADJUSTING RING                   |              | 2        |
| 13  | 46.74.912  | SHAFT FOR ADJUSTING RING         |              | 1        |
| 14  | 46.74.913  | BOLT FOR ADJUSTING RING          |              | 1        |
| 15  | 46.74.921  | Bearing shaft, lever             | PA7XB        | 1        |
| 16  | 46.74.925  | Bearing bushing                  | PA7XB        | 1        |
| 17  | 46.74.926  | SLEEVE                           |              | 1        |
| 18  | 46.87.972C | BEARING SHAFT                    |              | 1        |
| 19  | 47.09.001V | Hexagon nut M10 stainless        |              | 2        |
| 20  | 48.10.004V | Setscrew M3x4 stainless          |              | 2        |
| 21  | 48.10.406V | Setscrew M4x6 stainless          |              | 3        |
| 22  | 48.16.518V | Socket cap screw M5x18 stainless |              | 1        |
| 23  | 48.16.618V | Socket cap screw M6x18 stainless |              | 2        |
| 24  | 48.16.625V | Socket cap screw M6x25 stainless |              | 1        |
| 25  | 48.16.820V | Socket cap screw M8x20 stainless |              | 1        |
| 26  | 48.19.416V | HEXAGON SCREW A2 M4X16 DIN7991   |              | 2        |
| 27  | 48.19.620V | Socket cap screw M6x20 stainless |              | 1        |
| 28  | 48.24.306V | INBUS A2 STAINLESS M3x6          |              | 3        |

\*Recommended spare part

## 92.87.030C

UNWINDER PA 94C

SPE II 16X RIGHT, OPTION

| Pos | Ident-No.  | Description1                  | Description2     | Quantity |
|-----|------------|-------------------------------|------------------|----------|
| 29  | 48.24.406V | Pan screw M4x6 stainless      |                  | 2        |
| 30  | 48.29.005  | WINGED NUT                    |                  | 1        |
| 31  | 48.74.900  | SPRING BOLT                   |                  | 2        |
| 32  | 50.01.047V | LOCK WASHER                   |                  | 1        |
| 33  | 50.51.205  | WASHER                        |                  | 2        |
| 34  | 50.51.505  | Washer 15x21x0.5              |                  | 1        |
| 35  | 52.74.905  | TENSION SPRING                |                  | 1        |
| 36  | 57.03.008  | NEEDLE SLEEVE                 |                  | 2        |
| 37  | 67.87.932C | SPRING PLATE                  |                  | 1        |
| 38  | 72.74.911  | Disc cpl                      | PA7XB            | 1        |
| 39  | 72.74.915  | Additional toroidal 75 mm cpl | PA7XB            | 2        |
| 40  | 72.87.942C | Unwinding roller cpl          | SPE II 16X PA9XC | 1        |
| 41  | 72.87.962C | Roller cpl                    | SPE II 16X PA9XC | 1        |

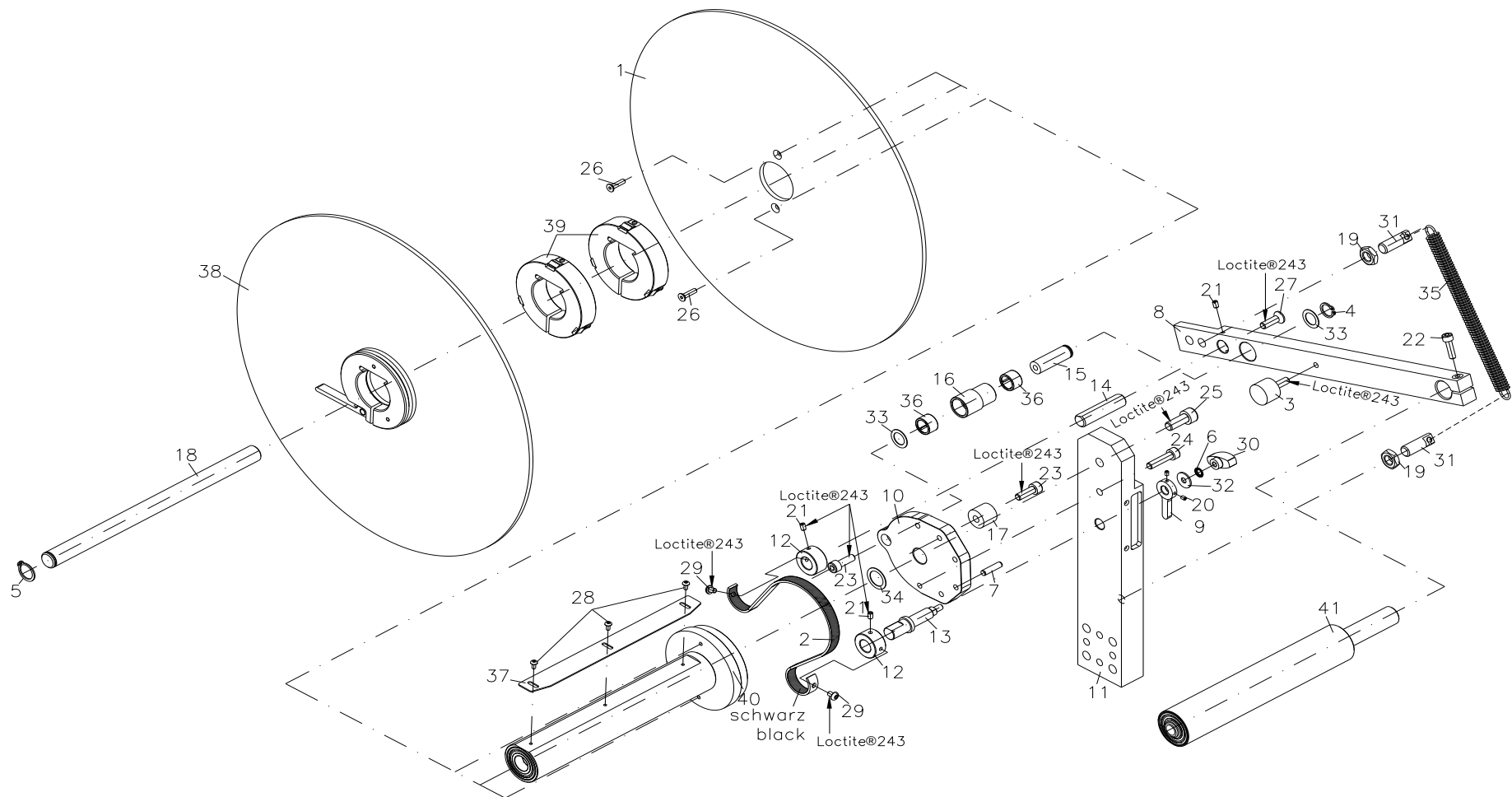
\*Recommended spare part

Modifications and errors excepted

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**92.87.035C**  
**UNWINDER PA 97C**  
**SPE II 16X RIGHT, OPTION**



## 92.87.035C

UNWINDER PA 97C

SPE II 16X RIGHT, OPTION

| Pos | Ident-No.  | Description1                     | Description2 | Quantity |
|-----|------------|----------------------------------|--------------|----------|
| 1   | 16.74.910  | WASHER LIMIT STOP                |              | 1        |
| 2   | 18.74.900  | BRAKE BAND                       |              | 1        |
| 3   | 18.74.905  | RUBBER BUFFER                    |              | 1        |
| 4   | 40.02.012V | LOCKING RING 12mm DIN 471        |              | 1        |
| 5   | 40.02.015V | LOCKING RING 15mm DIN 471        |              | 1        |
| 6   | 41.03.005V | Lock washer M5 stainless         |              | 1        |
| 7   | 43.02.520  | CYLINDER PIN                     |              | 1        |
| 8   | 45.74.925  | LEVER                            |              | 1        |
| 9   | 45.74.926  | BOLT LOCK GREEN                  |              | 1        |
| 10  | 45.74.930  | BEARING WASHER                   |              | 1        |
| 11  | 45.87.920C | BRACKET FOR PA9XC SPE II         |              | 1        |
| 12  | 46.74.910  | ADJUSTING RING                   |              | 2        |
| 13  | 46.74.912  | SHAFT FOR ADJUSTING RING         |              | 1        |
| 14  | 46.74.913  | BOLT FOR ADJUSTING RING          |              | 1        |
| 15  | 46.74.921  | Bearing shaft, lever             | PA7XB        | 1        |
| 16  | 46.74.925  | Bearing bushing                  | PA7XB        | 1        |
| 17  | 46.74.926  | SLEEVE                           |              | 1        |
| 18  | 46.87.972C | BEARING SHAFT                    |              | 1        |
| 19  | 47.09.001V | Hexagon nut M10 stainless        |              | 2        |
| 20  | 48.10.004V | Setscrew M3x4 stainless          |              | 2        |
| 21  | 48.10.406V | Setscrew M4x6 stainless          |              | 3        |
| 22  | 48.16.518V | Socket cap screw M5x18 stainless |              | 1        |
| 23  | 48.16.618V | Socket cap screw M6x18 stainless |              | 2        |
| 24  | 48.16.625V | Socket cap screw M6x25 stainless |              | 1        |
| 25  | 48.16.820V | Socket cap screw M8x20 stainless |              | 1        |
| 26  | 48.19.416V | HEXAGON SCREW A2 M4X16 DIN7991   |              | 2        |
| 27  | 48.19.620V | Socket cap screw M6x20 stainless |              | 1        |
| 28  | 48.24.306V | INBUS A2 STAINLESS M3x6          |              | 3        |

\*Recommended spare part

## 92.87.035C

UNWINDER PA 97C

SPE II 16X RIGHT, OPTION

| Pos | Ident-No.  | Description1                  | Description2     | Quantity |
|-----|------------|-------------------------------|------------------|----------|
| 29  | 48.24.406V | Pan screw M4x6 stainless      |                  | 2        |
| 30  | 48.29.005  | WINGED NUT                    |                  | 1        |
| 31  | 48.74.900  | SPRING BOLT                   |                  | 2        |
| 32  | 50.01.047V | LOCK WASHER                   |                  | 1        |
| 33  | 50.51.205  | WASHER                        |                  | 2        |
| 34  | 50.51.505  | Washer 15x21x0.5              |                  | 1        |
| 35  | 52.74.905  | TENSION SPRING                |                  | 1        |
| 36  | 57.03.008  | NEEDLE SLEEVE                 |                  | 2        |
| 37  | 67.87.932C | SPRING PLATE                  |                  | 1        |
| 38  | 72.74.911  | Disc cpl                      | PA7XB            | 1        |
| 39  | 72.74.915  | Additional toroidal 75 mm cpl | PA7XB            | 2        |
| 40  | 72.87.942C | Unwinding roller cpl          | SPE II 16X PA9XC | 1        |
| 41  | 72.87.962C | Roller cpl                    | SPE II 16X PA9XC | 1        |

\*Recommended spare part

Modifications and errors excepted

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**92.87.911C**  
**LIMIT STOP, MOVABLE PA 9XC**  
**SPE II SURCHARGE FOR OPTION**

| Pos | Ident-No. | Description1 | Description2 | Quantity |
|-----|-----------|--------------|--------------|----------|
| 1   | 72.74.911 | Disc cpl     | PA7XB        | 1        |

\*Recommended spare part