

## 8

## VERSCHLEISSTEILE / EMPFOHLENE ERSATZTEILE

## WEAR PARTS / RECOMMENDED SPARE PARTS

|      |              | Bei Bestellungen immer<br>Artikel-Nr. angeben | When ordering please indicate<br>part number |                   |
|------|--------------|-----------------------------------------------|----------------------------------------------|-------------------|
| Pos. | Artikel-Nr.  | Benennung                                     | Part name                                    | Stück<br>Quantity |
|      | Part no      |                                               |                                              |                   |
| 46   | 1821.047.017 | Spannrad                                      | Tension wheel                                | 1                 |
| 53   | 1821.048.018 | Zahnplatte                                    | Tooth plate                                  | 1                 |
| 166  | 1821.209.027 | Messer                                        | Knife                                        | 1                 |
| 222  | 2647.001     | Akku, 14 V / 2,6 AH Li-Ion                    | Battery, 14 V / 2,6 AH Li-Ion                | 1                 |
| 222  | 2647.002     | Akku, 14 V / 2,6 AH Li-Ion, US                | Battery, 14 V / 2,6 AH Li-Ion, US            | 1                 |

## 8.1 TEILELISTE 1832.002.023/1.9

## PARTS LIST

|      |              | Bei Bestellungen immer<br>Artikel-Nr. angeben | When ordering please indicate<br>part number |                   |
|------|--------------|-----------------------------------------------|----------------------------------------------|-------------------|
| Pos. | Artikel-Nr.  | Benennung                                     | Part name                                    | Stück<br>Quantity |
|      | Part no      |                                               |                                              |                   |
| 1    | 1832.011.170 | Grundplatte kpl., inkl. Pos. 2-6, 13,131      | Base plate compl., incl. pos. 2-6,13,131     | 1                 |
| 2    |              |                                               |                                              |                   |
| 3    | 1921.310.501 | Zylinderstift, Ø10x50                         | Cylinder pin                                 | 1                 |
| 4    | 1921.906.262 | Schwerspannstift, Ø6X26 / BN 881              | Roll pin                                     | 1                 |
| 5    | 1935.510.100 | Radial-Gleitlager, Ø10/12x10                  | Slide bearing                                | 4                 |
| 6    | 1935.508.080 | Radial-Gleitlager, Ø8/10x8                    | Slide bearing                                | 1                 |
| 7    |              |                                               |                                              |                   |
| 9    | 1832.022.109 | Zahnplatte unten                              | Tooth plate bottom                           | 1                 |
| 10   | 1832.022.055 | Gewindestift                                  | Set screw                                    | 1                 |
| 11   |              |                                               |                                              |                   |
| 12   | 1821.061.018 | Kegelrad mit Ritzel, 15/32                    | Bevel wheel with pinion                      | 1                 |
| 13   | 1926.502.100 | Hülsenfreilauf, Ø10/14x22                     | Free-wheel needle bearing                    | 1                 |
| 14   | 1930.190.154 | Rillenkugellager, Ø15/28x7                    | Ball bearing                                 | 1                 |
| 15   | 1917.411.208 | Passscheibe, Ø20/28x1                         | Spacer disk                                  | 1                 |
| 16   |              |                                               |                                              |                   |
| 17   |              |                                               |                                              |                   |
| 18   | 1930.180.356 | Radial-Rillenkugellager, Ø35/47x7             | Ball bearing                                 | 3                 |
| 19   | 1832.039.211 | Sperrrad                                      | Blocking wheel                               | 1                 |
| 20   | 1821.060.016 | Planetenrad 1. Stufe                          | Planetary wheel, 1st step                    | 3                 |
| 21   |              |                                               |                                              |                   |
| 22   |              |                                               |                                              |                   |
| 25   | 1832.039.165 | Planetenträger kpl.                           | Planetary support complete                   | 1                 |

|      |              | Bei Bestellungen immer<br>Artikel-Nr. angeben | When ordering please indicate<br>part number |                   |
|------|--------------|-----------------------------------------------|----------------------------------------------|-------------------|
| Pos. | Artikel-Nr.  | Benennung                                     | Part name                                    | Stück<br>Quantity |
|      | Part no      |                                               |                                              |                   |
| 26   |              |                                               |                                              |                   |
| 27   |              |                                               |                                              |                   |
| 28   | 1917.401.125 | Distanzscheibe, Ø12/24x0.5                    | Spacer                                       | 1                 |
| 31   |              |                                               |                                              |                   |
| 32   | 1832.039.197 | Flansch kpl., inkl. Pos.35,36                 | Flange complete, incl. pos. 35,36            | 1                 |
| 35   | 1935.504.060 | Radial-Gleitlager, Ø4/5.5x6                   | Slide bearing                                | 1                 |
| 36   | 1933.710.150 | Nadelhülse, Ø10/14x15                         | Needle bushing                               | 1                 |
| 37   |              |                                               |                                              |                   |
| 38   |              |                                               |                                              |                   |
| 39   | 1917.411.045 | Passscheibe, Ø4/8x0.5                         | Spacer disk                                  | 1                 |
| 40   | 1920.103.062 | Sicherungsscheibe, Ø3.2                       | Lock washer                                  | 1                 |
| 41   | 1911.004.127 | Zylinderschraube, M4x12                       | Cylinder screw                               | 11                |
| 42   | 1832.031.051 | Bandführung 13mm                              | Strap guide 13mm                             | 1                 |
| 43   | 1911.804.064 | Senkschraube Philips Form H, M4x6             | Counter sunk screw                           | 2                 |
| 44   | 1832.039.207 | Nockenscheibe                                 | Cam disk                                     | 1                 |
| 45   | 1821.060.014 | Planetenrad 2. Stufe                          | Planetary wheel, 2st step                    | 3                 |
| 46   | 1821.047.017 | Spannrad asym.                                | Tension wheel                                | 1                 |
| 47   |              |                                               |                                              |                   |
| 48   |              |                                               |                                              |                   |
| 50   | 1832.031.072 | Wippe kpl., inkl. Pos. 5                      | Rocker complete, incl. pos. 5                | 1                 |
| 51   |              |                                               |                                              |                   |
| 52   |              |                                               |                                              |                   |

| Pos. | Artikel-Nr.<br>Part no | Benennung                   | Part name              | Stück<br>Quantity | Pos. | Artikel-Nr.<br>Part no | Benennung                         | Part name                 | Stück<br>Quantity |
|------|------------------------|-----------------------------|------------------------|-------------------|------|------------------------|-----------------------------------|---------------------------|-------------------|
| 53   | 1821.048.018           | Zahnplatte                  | Tooth plate            | 1                 | 98   |                        |                                   |                           |                   |
| 54   | 1832.039.200           | Flachkopfschraube           | Pan head screw         | 1                 | 99   | 1912.203.086           | Senkschraube, M3x8                | Counter sunk screw        | 6                 |
| 55   | 1832.031.048           | Bandanschlag vorne 13mm     | Strap stop, front 13mm | 1                 | 100  | 1917.411.041           | Passscheibe, Ø4/8x0.1             | Spacer disk               | 3                 |
| 56   |                        |                             |                        |                   | 101  | 1821.027.037           | Zentrierschraube I-6Kt, M5        | Shoulder screw            | 2                 |
| 57   |                        |                             |                        |                   | 102  | 1911.104.304           | Zylinderschraube, M4x30           | Cylinder screw            | 1                 |
| 59   | 1832.039.214           | Klinkenwelle                | Pawl shaft             | 1                 | 103  | 1821.151.016           | Kabelstrang Spannen               | Cables tensioning         | 1                 |
| 60   | 1832.039.213           | Sperrrad                    | Pawl wheel             | 2                 | 104  | 1912.401.104           | Linsenschraube, M2x10             | Panhead screw             | 1                 |
| 61   | 1917.809.048           | U-Scheibe, M4               | Washer                 | 1                 | 105  |                        |                                   |                           |                   |
| 62   |                        |                             |                        |                   | 106  |                        |                                   |                           |                   |
| 64   | 1832.039.208           | Bolzen                      | Bolt                   | 1                 | 108  | 1930.170.302           | Rillenkugellager, Ø30/37x4        | Ball bearing              | 1                 |
| 65   | 1832.031.057           | Sperrklinke                 | Blocking pawl          | 1                 | 109  | 1832.022.160           | Exzenternocke                     | Excentric cam             | 1                 |
| 66   | 1920.108.102           | Sicherungsscheibe, Ø8       | Retaining ring         | 2                 | 110  | 1821.060.023           | Planetenrad 3. Stufe              | Planetary wheel, 3st step | 3                 |
| 67   |                        |                             |                        |                   | 111  | 1917.401.122           | Distanzscheibe, Ø12/24x0.2        | Spacer disk               | 1                 |
| 68   |                        |                             |                        |                   | 112  | 1832.039.203           | Träger kpl. 2. Stufe              | Carrier complete 2st step | 1                 |
| 70   | 1832.022.186           | Bolzen                      | Bolt                   | 1                 | 113  |                        |                                   |                           |                   |
| 71   | 1917.411.052           | Passscheibe, Ø5/10x0.2      | Spacer disk            | 3                 | 114  |                        |                                   |                           |                   |
| 72   | 1832.022.185           | Resetiernocken              | Reset cam              | 1                 | 116  | 1821.060.024           | Planetenrad 1./2. Stufe           | Planetary wheel, 2st step | 6                 |
| 73   | 1910.404.104           | Gewindestift, M4x10         | Set screw              | 1                 | 117  | 1917.411.062           | Passscheibe, Ø6/12x0.2            | Spacer disk               | 2                 |
| 74   | 1920.104.072           | Sicherungsscheibe, Ø4       | Retaining ring         | 6                 | 118  | 1832.039.201           | Träger kpl. 1. Stufe              | Carrier complete 1st step | 1                 |
| 75   | 1832.031.060           | Halter Mikroschalter        | Support micro switch   | 1                 | 119  |                        |                                   |                           |                   |
| 76   | 1912.404.104           | Linsenschraube, M4x10       | Panhead screw          | 4                 | 120  |                        |                                   |                           |                   |
| 77   | 1821.151.017           | Kabelstrang Schweissen      | Welding cables         | 1                 | 124  | 1821.020.151           | Ring                              | Ring                      | 1                 |
| 78   |                        |                             |                        |                   | 125  | 1832.022.196           | Deckel Motorträger                | Cover motor support       | 1                 |
| 79   |                        |                             |                        |                   | 127  | 1832.039.196           | Riemenrad kpl.                    | Belt wheel complete       | 1                 |
| 81   | 1821.010.095           | Druckfeder                  | Compression spring     | 1                 | 128  |                        |                                   |                           |                   |
| 82   | 1925.010.802           | Kugel, Ø8                   | Ball                   | 1                 | 129  |                        |                                   |                           |                   |
| 83   | 1821.010.092           | Druckfeder                  | Compression spring     | 1                 | 130  | 1832.022.161           | Anlaufscheibe                     | Starting disk             | 1                 |
| 84   | 1925.010.902           | Kugel, Ø9                   | Ball                   | 1                 | 131  | 1930.180.152           | Radial-Rillenkugellager, Ø15/24x5 | Ball bearing              | 2                 |
| 85   | 1832.039.210           | Gewindestift I-6Kt, M12x10  | Set screw              | 1                 | 132  | 1821.061.019           | Kegelritzel kpl.                  | Bevel wheel complete      | 1                 |
| 86   | 1910.408.064           | Gewindestift, M8x6 , Tuflok | Set screw              | 1                 | 133  |                        |                                   |                           |                   |
| 87   |                        |                             |                        |                   | 134  |                        |                                   |                           |                   |
| 88   |                        |                             |                        |                   | 135  |                        |                                   |                           |                   |
| 89   | 1832.031.061           | Wippenhebel kpl.            | Rocker lever complete  | 1                 | 136  | 1920.215.102           | Aussen-Sicherungsring, Ø15        | External retaining ring   | 1                 |
| 90   | 1832.039.199           | Zahnsegment                 | Toothed lever          | 1                 | 137  | 1917.411.152           | Passscheibe, Ø15/21x0.2           | Spacer disk               | 1                 |
| 91   |                        |                             |                        |                   | 138  |                        |                                   |                           |                   |
| 92   |                        |                             |                        |                   | 140  | 1832.022.184           | Umschaltnocken                    | Switching cam             | 1                 |
| 95   | 1821.140.076           | Motor kpl.                  | Motor complete         | 1                 | 141  |                        |                                   |                           |                   |
| 96   | 1832.022.191           | Motorenträger kpl.          | Motor support complete | 1                 | 142  | 1821.031.055           | Bolzen                            | Bolt                      | 1                 |
| 97   |                        |                             |                        |                   | 143  | 1832.022.163           | Bolzen                            | Bolt                      | 1                 |

| Pos. | Artikel-Nr.<br>Part no | Benennung                         | Part name                  | Stück<br>Quantity | Pos. | Artikel-Nr.<br>Part no | Benennung                          | Part name                         | Stück<br>Quantity |
|------|------------------------|-----------------------------------|----------------------------|-------------------|------|------------------------|------------------------------------|-----------------------------------|-------------------|
| 144  | 1832.022.174           | Bolzen                            | Bolt                       | 1                 | 190  |                        |                                    |                                   |                   |
| 145  |                        |                                   |                            |                   | 191  | 1832.011.203           | Motorverschalung kpl.              | Motor cover complete              | 1                 |
| 146  | 1832.022.180           | Achse                             | Screwed shaft              | 1                 | 192  | 1821.090.025           | Firmenschild, 10x45mm              | Name plate                        | 1                 |
| 147  | 1832.022.181           | Gelenk unten                      | Lower linkage              | 1                 | 193  |                        |                                    |                                   |                   |
| 148  | 1832.022.182           | Gelenk oben                       | Upper linkage              | 1                 | 194  |                        |                                    |                                   |                   |
| 149  | 1821.010.098           | Druckfeder, Ø9.8x3x27.4           | Compression spring         | 1                 | 195  | 1960.000.731           | Kabelhalter                        | Cable tie                         | 1                 |
| 150  |                        |                                   |                            |                   | 196  | 1960.000.700           | Kabelbinder                        | Cable binder                      | 2                 |
| 153  | 1832.022.192           | Schwenklager                      | Swivel bearing             | 1                 | 197  | 1914.635.200           | PT-Schraube, KA 35x20              | PT-Screw                          | 9                 |
| 154  | 1930.100.072           | Radial-Rillenkugellager, Ø7/19x6  | Ball bearing               | 2                 | 198  | 1821.152.069           | Printplatte                        | Printed circuit board             | 1                 |
| 155  | 1832.022.164           | Exzenterwelle                     | Excentric shaft            | 1                 | 199  | 1832.061.016           | Schutzabdeckung Print              | Protection cover pcb              | 1                 |
| 156  | 1917.401.105           | Distanzscheibe, Ø10/22x0.5        | Spacer disk                | 2                 | 200  | 1914.622.062           | PT-Schraube, KA 22x6               | PT-Screw                          | 2                 |
| 157  | 1933.210.120           | Nadellager, Ø10/17x12             | Needle bearing             | 1                 | 201  | 1821.151.015           | Zwischenkabel mit Stecker          | Intermediate cable                | 1                 |
| 158  | 1832.022.169           | Schweissschuh                     | Welding shoe               | 1                 | 202  | 1821.151.018           | Signalkabel                        | Signal cable                      | 1                 |
| 159  | 1925.010.502           | Kugel, Ø5                         | Ball                       | 4                 | 203  | 1821.076.018           | Dichtung, 40x21x16                 | Gasket                            | 1                 |
| 160  | 1832.022.165           | Stützscheibe                      | Supporting disk            | 1                 | 204  | 1832.011.181           | Schutzplatte                       | Protection plate                  | 1                 |
| 161  | 1832.022.139           | Ritzel                            | Pinion                     | 1                 | 205  | 1821.084.009           | Schaltertaste                      | Switch button                     | 1                 |
| 162  | 1821.067.011           | Zahnriemen, 158-2MGT-9            | Toothed belt               | 1                 | 206  | 1821.010.054           | Druckfeder, Ø5x0.6x14              | Compression spring                | 1                 |
| 163  | 1821.020.147           | Scheibe                           | Washer                     | 1                 | 207  |                        |                                    |                                   |                   |
| 164  | 1911.304.084           | Zylinderschraube m. Flansch, M4x8 | Cylinder screw             | 2                 | 208  |                        |                                    |                                   |                   |
| 165  | 1832.022.173           | Bolzen                            | Bolt                       | 1                 | 209  |                        |                                    |                                   |                   |
| 166  | 1821.209.027           | Messer                            | Knife                      | 1                 | 212  | 1821.152.072           | Print - Kommutiert kpl.            | Printed circuit board complete    | 1                 |
| 167  | 1832.022.049           | Bundbüchse                        | Flanged bushing            | 1                 | 213  |                        |                                    |                                   |                   |
| 168  | 1821.010.053           | Druckfeder, Ø4.2x0.8x11           | Compression spring         | 3                 | 214  |                        |                                    |                                   |                   |
| 169  | 1821.010.020           | Druckfeder, Ø4.1x0.8x24           | Compression spring         | 1                 | 215  | 1821.152.074           | Kontaktplatte 14.4 V               | Contact plate 14.4 V              | 1                 |
| 170  |                        |                                   |                            |                   | 216  |                        |                                    |                                   |                   |
| 172  | 1832.042.044           | Hebel Bandführung kpl.            | Lever strap guide complete | 1                 | 217  |                        |                                    |                                   |                   |
| 175  | 1832.011.168           | Abdeckung                         | Side cover                 | 1                 | 222  | 2647.001               | Akku 14.4V / 2.6 Ah Li-Ion,        | Battery 14.4V / 2.6 Ah Li-Ion     | 1                 |
| 176  | 1821.035.007           | Lagerbolzen                       | Bearing bolt               | 1                 | 222  | 2647.002               | Akku 14.4V / 2.6 Ah Li-Ion, US     | Battery 14.4V / 2.6 Ah Li-Ion, US | 1                 |
| 177  | 1832.041.018           | Anschlag innen 16mm               | Rear inner guide 16mm      | 1                 | 223  |                        |                                    |                                   |                   |
| 178  | 1832.041.019           | Anschlag innen 13mm               | Rear inner guide 13mm      | 1                 | 224  | 2648.001               | Ladegerät AL 1860CV-EU, Scintilla  | Battery charger AL 1860CV-EU      | 1                 |
| 179  |                        |                                   |                            |                   | 224  | 2648.002               | Ladegerät AL 1860CV-US, Scintilla  | Battery charger AL 1860CV-US      | 1                 |
| 180  |                        |                                   |                            |                   | 224  | 2648.003               | Ladegerät AL 1860CV-JP, Scintilla  | Battery charger AL 1860CV-JP      | 1                 |
| 181  | 1832.042.043           | Bandführung hinten 13mm           | Strap guide rear 13mm      | 1                 | 225  |                        |                                    |                                   |                   |
| 182  | 1912.404.064           | Linsenschraube, M4x6              | Panhead screw              | 1                 | 226  |                        |                                    |                                   |                   |
| 183  | 1832.011.171           | Getriebedeckel, Alu               | Gear cover                 | 1                 | 227  | 1821.901.004           | Stahldraht-Bürste, zeintra / 21242 | Wire brush                        | 1                 |
| 184  |                        |                                   |                            |                   | 228  | 1821.901.006           | Kreuz-Schraubenzieher              | Screw driver, crosstip            | 1                 |
| 186  | 1832.011.200           | Gehäuseschalen schwarz            | Housing parts, black       | 1                 | 229  | 1821.901.007           | 6-kt Winkelschrauber               | Angle-wrench, hexagon             | 1                 |
| 188  |                        |                                   |                            |                   | 230  |                        |                                    |                                   |                   |
| 189  | 1821.091.061           | Typenschild, 10x45mm              | Type plate                 | 1                 | 231  |                        |                                    |                                   |                   |

| Pos. | Artikel-Nr.<br>Part no | Benennung                           | Part name                              | Stück<br>Quantity |
|------|------------------------|-------------------------------------|----------------------------------------|-------------------|
| 232  |                        |                                     |                                        |                   |
| 233  |                        |                                     |                                        |                   |
| 234  | 2189.002               | <b>Option: Schutzplatten-Set</b>    | <b>Option: protection plate-set</b>    |                   |
| 235  |                        |                                     |                                        |                   |
| 236  | 1911.804.064           | Senkschraube Philips Form H, M4x6   | Counter sunk screw                     | 5                 |
| 237  |                        |                                     |                                        |                   |
| 239  | 2649.001               | <b>Option: Schutzabdeckungs-Set</b> | <b>Option: Protection cover</b>        |                   |
| 240  |                        |                                     |                                        |                   |
| 241  | 1914.635.300           | PT-Schraube, KA 35x30               | PT-Screw                               | 2                 |
| 242  | 1914.630.140           | PT-Schraube, KA 30x14               | PT-Screw                               | 2                 |
| 243  |                        |                                     |                                        |                   |
| 245  | 2189.001               | <b>Option: Aufhängebügel-Set</b>    | <b>Option: suspension bow-set</b>      |                   |
| 246  |                        |                                     |                                        |                   |
| 247  | 1911.004.208           | Zylinderschraube, M4x20             | Cylinder screw                         | 3                 |
| 248  | 1911.005.168           | Zylinderschraube, M5x16             | Cylinder screw                         | 2                 |
| 249  |                        |                                     |                                        |                   |
| 251  | 2189.004               | <b>Option: Bandführungs-Set 9mm</b> | <b>Option: Strap guide set 9mm</b>     |                   |
| 256  | 1911.804.108           | Senkschraube Philips Form H, M4x10  | Counter sunk screw                     | 1                 |
| 257  |                        |                                     |                                        |                   |
| 258  |                        | <b>Option: Netzanschluss</b>        | <b>Option: Power supply connection</b> |                   |
| 259  | 2648.011               | Netzanschluss 230V EU               | Mains Connector 230V EU                | 1                 |
| 259  | 2648.012               | Netzanschluss 115V US               | Mains Connector 115V US                | 1                 |
| 260  |                        |                                     |                                        |                   |

\* Loctite 222

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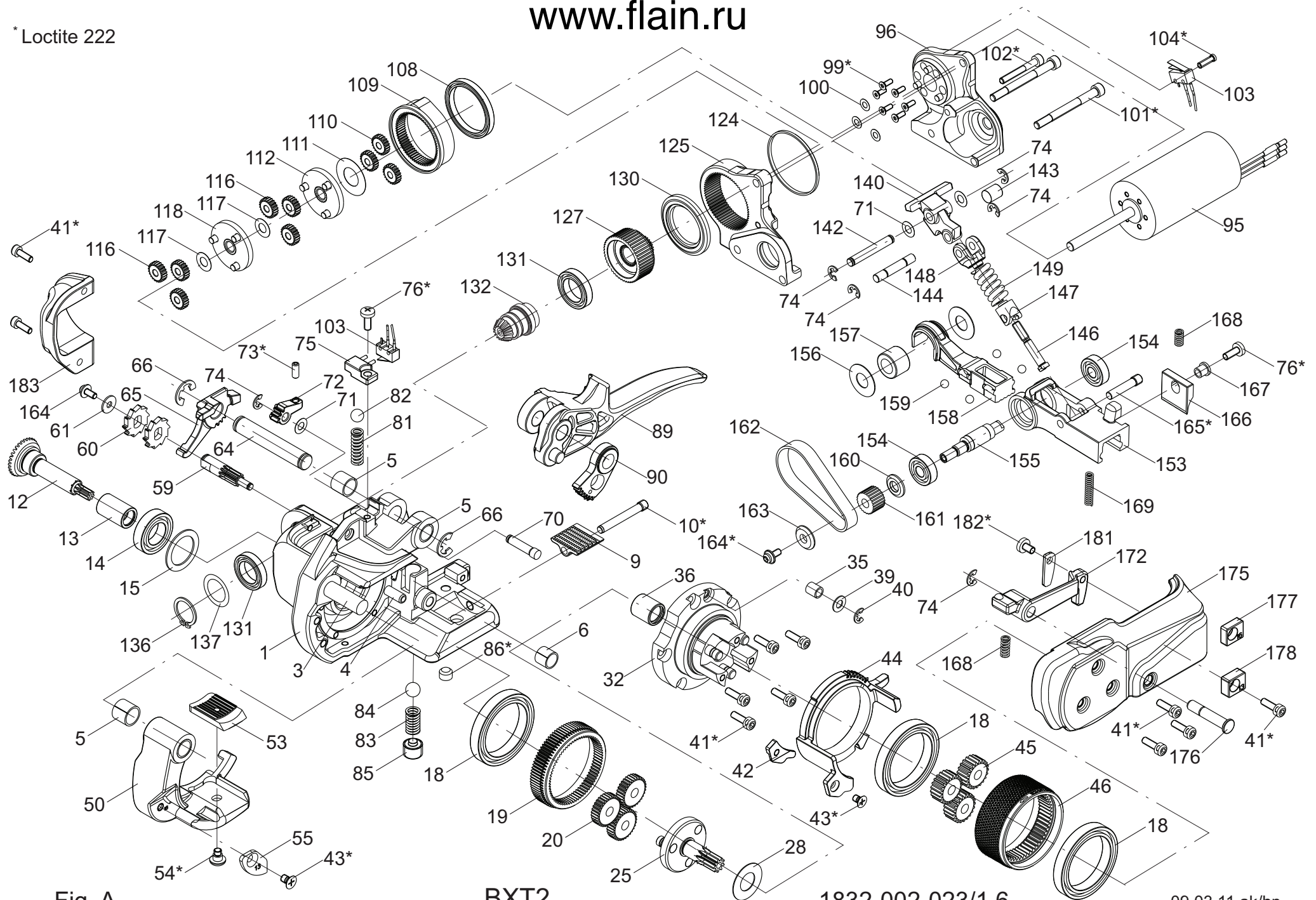


Fig. A

BXT2

1832-002-023/1.6

09.03.11 ak/hp  
03.11

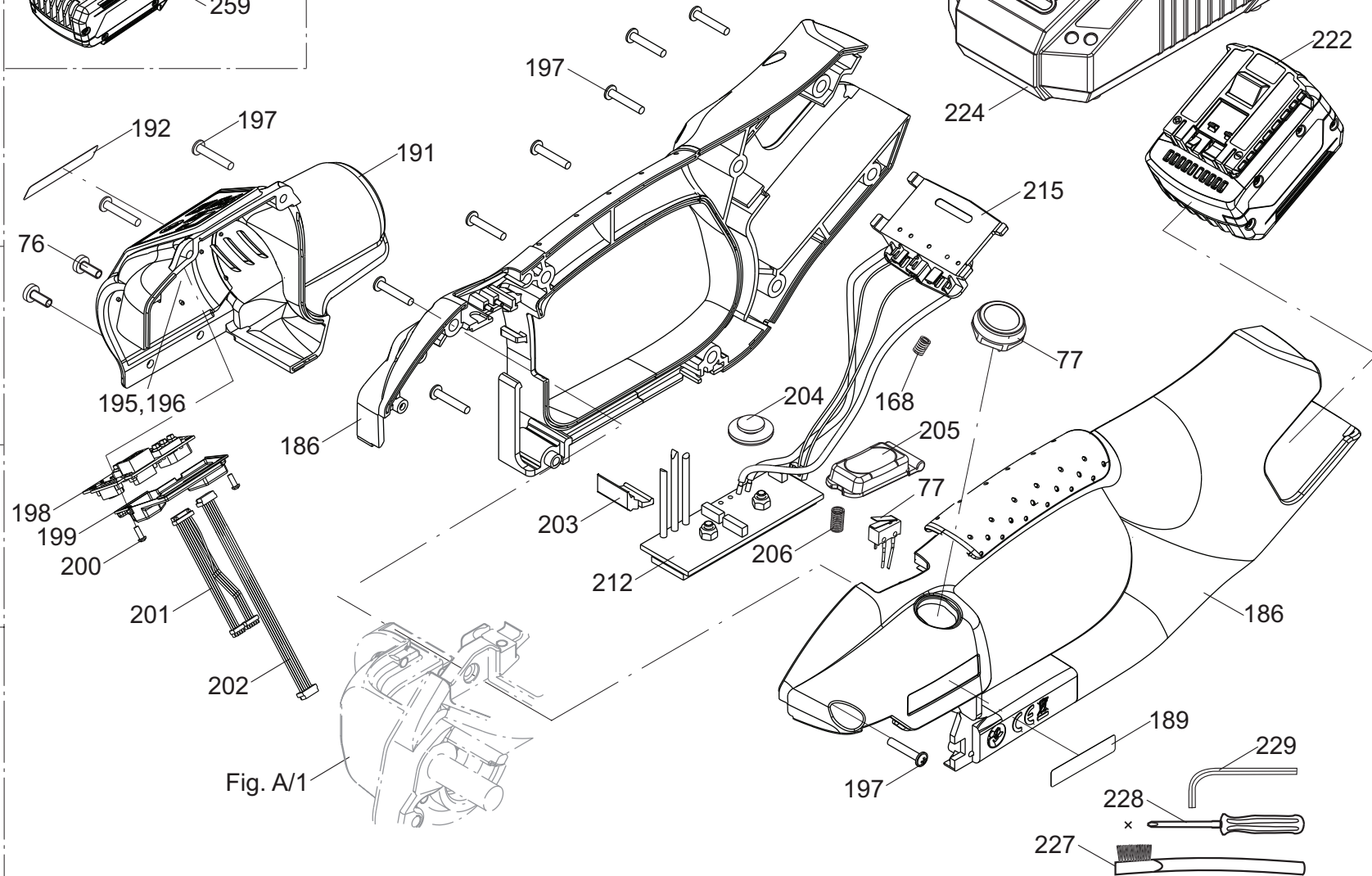
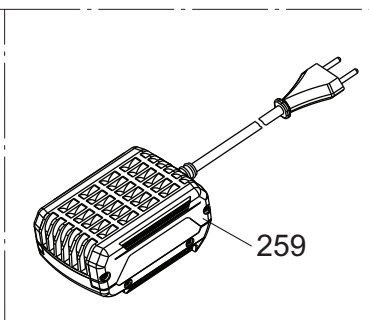
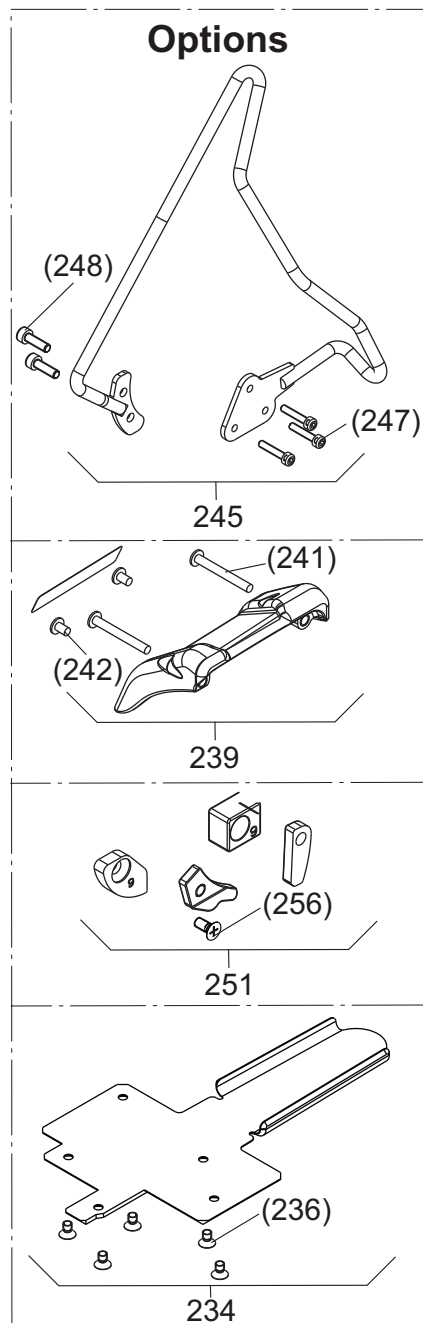


Fig. B  
35

BXT2

1832-002-023/1.3

08.09.10 wr/hp