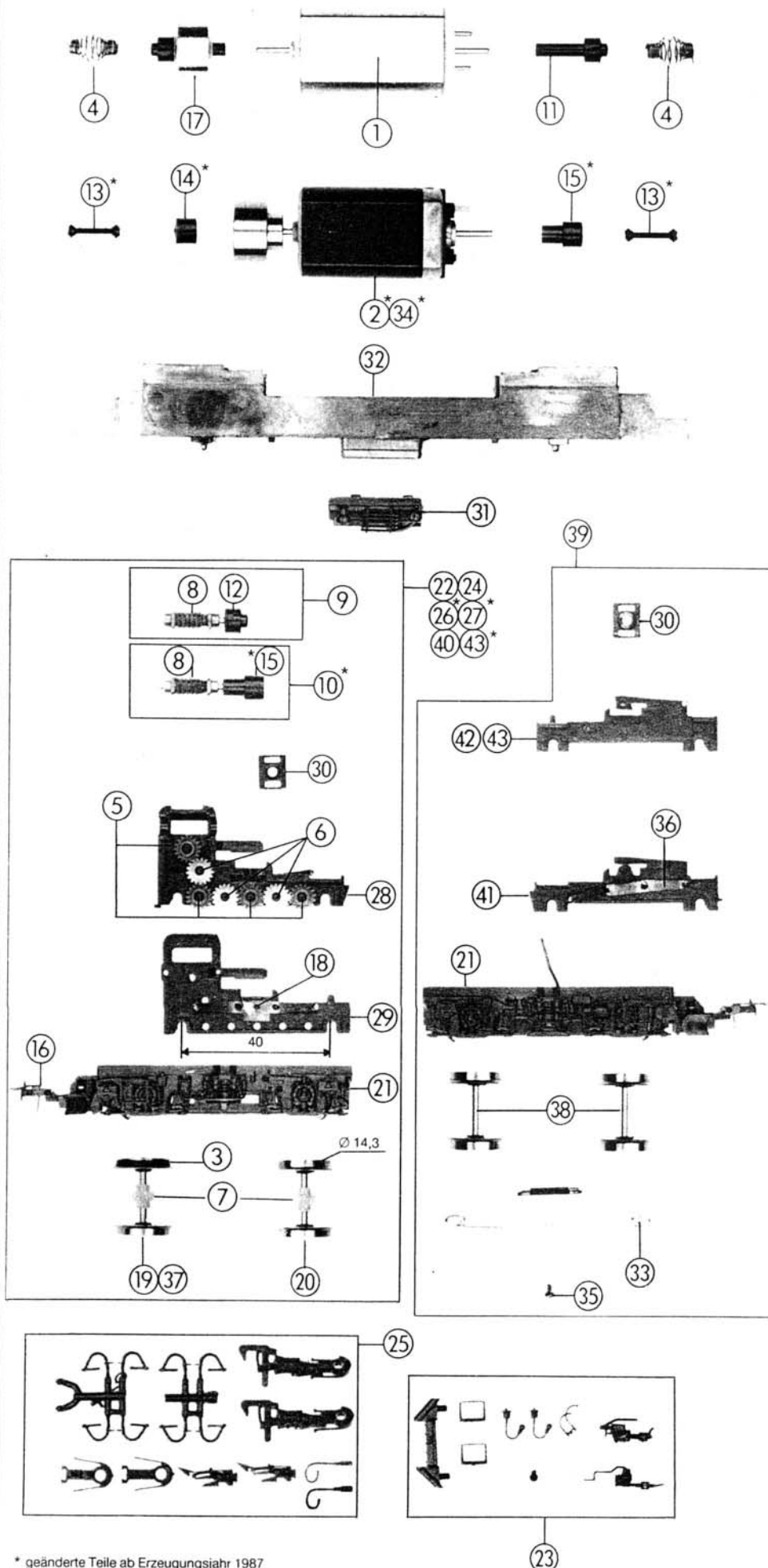
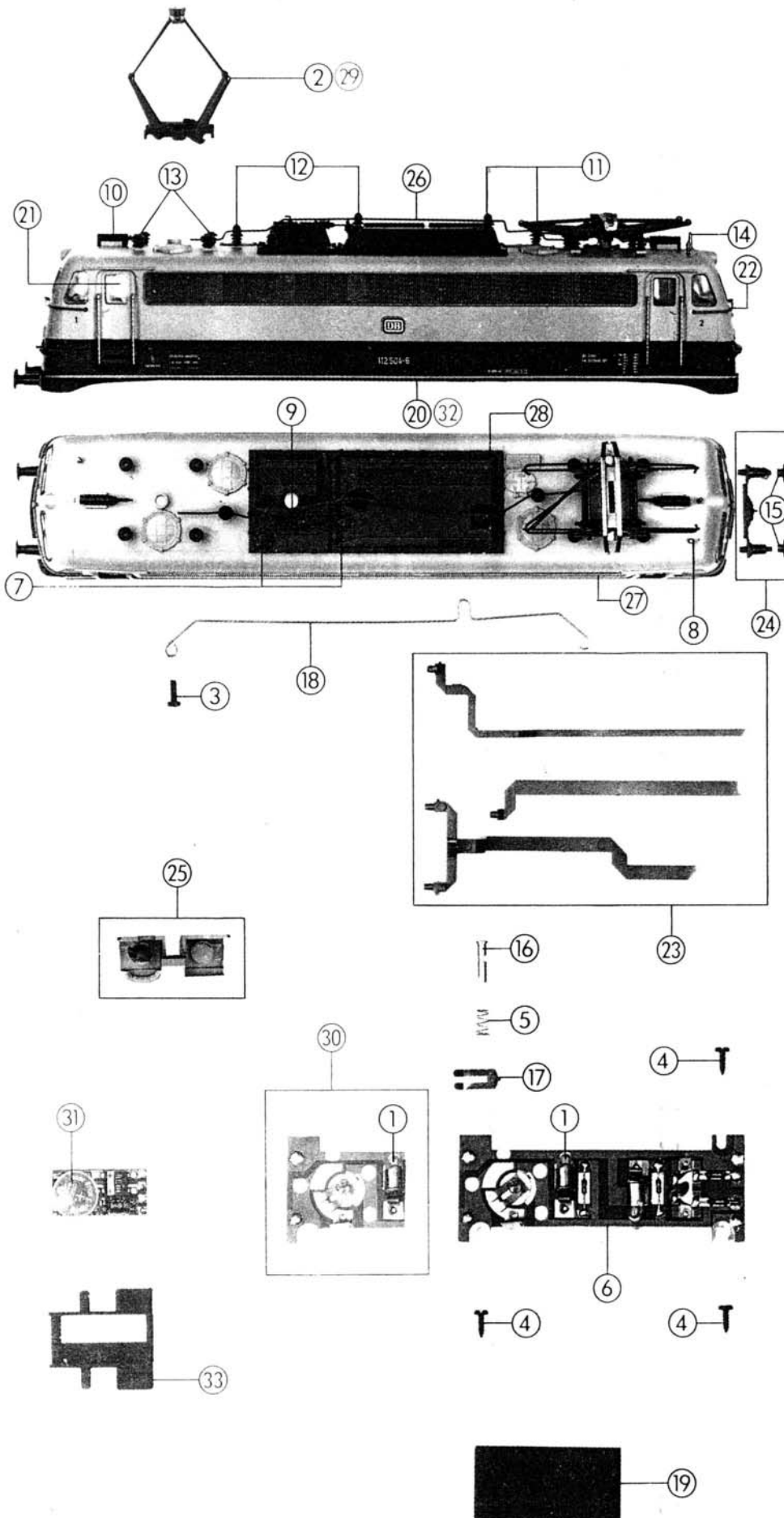


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| 4 85800 | 81050B-205 | Selbstschneideschraube M 2,2x6,5 Screw M 2,2x6,5 | 2 |
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| 6 87605 | 4132S-80A | Platine kpl. Printed circuit ass. | 43 |
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| 8 88002 | 4132S-047 | Lokpfeife Loco whistle | 6 |
| 9 88006 | 4132S-041 | Druckluftschneidventil Air compression switch | 3 |
| 10 88007 | 4132S-042 | Senkantrieb Insulator | 3 |
| 11 88011 | 4130S-024 | Isolator Insulator | 2 |
| 12 88015 | 4137S-026 | Pantographenisolator Pantograph insulator | 2 |
| 13 88030 | 4197S-533 | Antenne Antenna | 4 |
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| 15 89710 | 4128S-022 | Schaltbolzen Switch pin | 9 |
| 16 89711 | 4130S-030 | Umschaltkontakt Switch contact | 6 |
| 17 89783 | — | Oberleitungsverbinder Overhead supply connector | 6 |
| 18 89793 | 4197S-630 | Isolierpapier Insulating paper | 1 |
| 19 92623 | 4137S-004 | Fenster Glazing | 4 |
| 20 92624 | 4134S-008 | Hauptleitung Roof wire | 2 |
| 21 92625 | 4137S-013 | Geländer Handrail | 2 |
| 22 92630 | 4137S-05A | Leuchtstab-Satz Light transmission bar set | 12 |
| 23 92631 | 4137S-10A | Pufferbohle kpl. Buffer plank assembly | 10 |
| 24 92632 | 4137S-12A | Führerstand-Satz Drivers cab set | 23 |
| 25 92635 | 4138S-01A | Gehäuse kpl. Body assembly | 68 |
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| 27 87902 | 14132S-A10 | Platine kpl. Printed circuit assembly | 43 |
| 28 89888 | — | Elektronischer Umschalter Electronic direction of motion switch | 99 |
| 29 94080 | — | Gehäuse kpl. Body assembly | 68 |
| 30 94086 | — | Modulhalter Module holder | 6 |

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| 1 | 85009 | 913N | Motor <i>Motor</i> | 99 |
| 2 | 85060 | — | Motor mit Schwunghasse <i>Motor with flywheel</i> | 99 |
| 3 | 85604 | 4689S | Haftreifen <i>Traction tyre</i> | 99 |
| 4 | 86206 | 4130S-052 | Federkupplung <i>Spring coupling</i> | 5 |
| 5 | 86405 | 4151B-004 | Zahnrad z 17 r; m 0,4 <i>Gear T 17 r; m 0,4</i> | 2 |
| 6 | 86406 | 4151B-005 | Zahnrad z 17 l; m 0,4 <i>Gear T 17 l; m 0,4</i> | 2 |
| 7 | 86407 | 4151B-006 | Zahnrad z 14 l; m 0,4 <i>Gear T 14 l; m 0,4</i> | 2 |
| 8 | 86701 | 4151B-001 | Schnecke <i>Worm</i> | 5 |
| 9 | 86804 | 4133S-A03 | Schneckensatz kpl. alt <i>Worm set assembly old</i> | 24 |
| 10 | 86842 | — | Schneckensatz kpl. neu <i>Worm set assembly new</i> | 24 |
| 11 | 87006 | 4130S-027 | Federnabe lang <i>Spring hub long</i> | 5 |
| 12 | 87007 | 4130S-028 | Federnabe kurz <i>Spring hub short</i> | 4 |
| 13 | 87091 | — | Kardanwelle <i>Cardan shaft</i> | 3 |
| 14 | 87092 | — | Kardanschale kurz <i>Cardan bearing short</i> | 3 |
| 15 | 87093 | — | Kardanschale lang <i>Cardan bearing long</i> | 3 |
| 16 | 89205 | 4456S | Standardkupplung <i>Standard coupling</i> | 99 |
| 17 | 89790 | 4133S-027 | Wuchtrad mit Federnabe <i>Flywheel with spring hub</i> | 10 |
| 18 | 89804 | 5150S-022 | Radkontakt <i>Wheel current contact strip</i> | 2 |
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| 22 | 92633 | 4137S-14A | Drehgestell kpl. mit Schmierpumpe alt <i>Bogie ass. with lubricating pump old</i> | 53 |
| 23 | 92634 | 4137S-16B | Steckteile für Dreh- gestellblende <i>Push in parts for bogie frame</i> | 20 |
| 24 | 94083 | — | Drehgestell m. Generator alt <i>Bogie with generator old</i> | 53 |
| 25 | 94087 | — | Zurüstbeutel <i>Bag with accessories</i> | 25 |
| 26 | 94088 | — | Drehgestell kpl. mit Schmierpumpe neu <i>Bogie ass. with lubricating pump new</i> | 53 |
| 27 | 94089 | — | Drehgestell kpl. mit Generator neu <i>Bogie ass. with generator new</i> | 53 |
| 28 | 95161 | 4130S-012 | Getriebekasten <i>Gear box</i> | 14 |
| 29 | 95162 | 4130S-013 | Getriebedeckel <i>Gear cover</i> | 10 |
| 30 | 95163 | 4130S-044 | Klemme <i>Clamp</i> | 2 |
| 31 | 95168 | 4133S-14A | Lokboden <i>Loco base</i> | 8 |
| 32 | 95170 | 4133S-200 | Lokrahmen <i>Frame</i> | 30 |
| 33 | 40002 | 4594S | Schleifer <i>Collector shoe</i> | 99 |
| 34 | 85061 | — | Motor mit Schwunghasse <i>Motor with flywheel</i> | 99 |
| 35 | 85685 | 81001A-205 | Schraube M 1,7 x 3,5 <i>Screw M 1,7 x 3,5</i> | 2 |
| 36 | 89866 | 314143S-030 | Radkontakt <i>Wheel current contact strip</i> | 5 |
| 37 | 90818 | — | Radsatz m. Haftreifen <i>Wheelset w. traction tyre</i> | 16 |
| 38 | 90819 | — | Radsatz <i>Wheelset</i> | 16 |
| 39 | 94081 | — | Leerlaufgestell kpl. <i>No-load bogie ass.</i> | 42 |
| 40 | 94082 | — | Drehgestell kpl. alt <i>Bogie assembly old</i> | 53 |
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| 42 | 94085 | — | Leerlaufgetriebekasten <i>No-load gear case</i> | 10 |
| 43 | 94090 | — | Drehgestell kpl. neu <i>Bogie assembly new</i> | 53 |

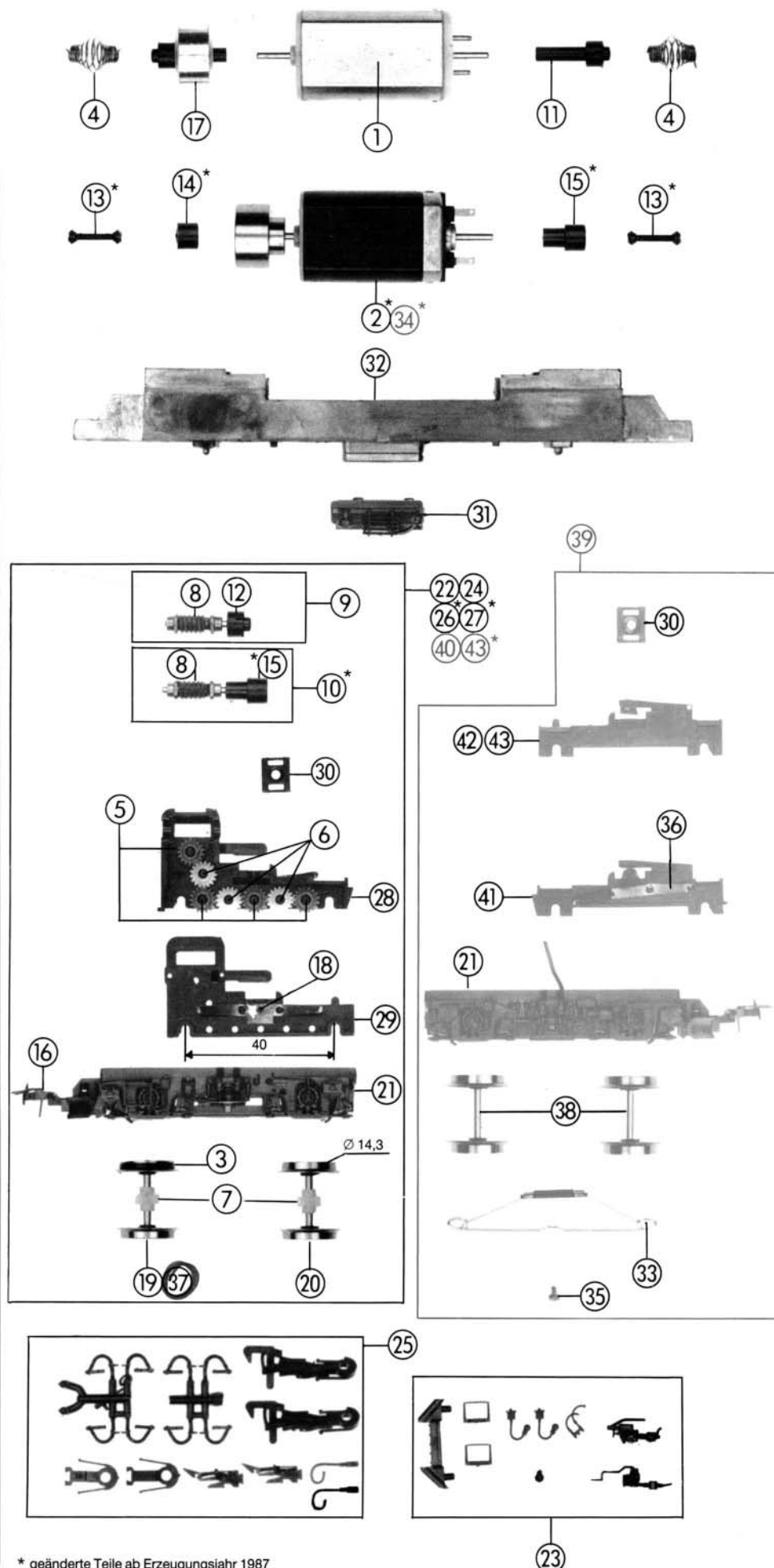


* geänderte Teile ab Erzeugungsjahr 1987



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| 1 10023 | 4573S | Glühlampe Light bulb | 99 |
| 2 85213 | 4496R | Stromabnehmer Pantograph | 99 |
| 3 85672 | 81000B-252 | Zylinderkopfschraube M2x6 Cheese headed screw M2x6 | 2 |
| 4 85800 | 81050B-255 | Selbstschneideschraube 2,2x6,5 Screw 2,2x6,5 | 2 |
| 5 86205 | 4132S-077 | Feder Spring | 2 |
| 6 87605 | 4132S-80A | Platine kpl. Printed circuit ass. | 43 |
| 7 88001 | 4132S-039 | Isolator Nr. 7 Insulator No. 7 | 2 |
| 8 88002 | 4132S-047 | Lokpfeife Loco whistle | 6 |
| 9 88006 | 4132S-041 | Druckluftschneidventil Air compression switch | 3 |
| 10 88007 | 4132S-042 | Senkantrieb Insulator | 3 |
| 11 88008 | 4132S-087 | Isolator Nr. 3 Insulator No. 3 | 2 |
| 12 88010 | 4134S-041 | Isolator Nr. 4 Insulator No. 4 | 2 |
| 13 88015 | 4137S-026 | Pantographenisolator Pantograph insulator | 2 |
| 14 88030 | 4197S-033 | Antenne Antenna | 4 |
| 15 88540 | 4130S-008 | Puffer Buffer | 2 |
| 16 89714 | 4191S-059 | Schaltbolzen Switch pin | 6 |
| 17 89711 | 4130S-031 | Umschaltkontakt Switch contact | 6 |
| 18 89783 | — | Oberleitungsverbinder Overhead supply connector | 6 |
| 19 89793 | 4197S-630 | Isolierpapier Insulating paper | 1 |
| 20 92615 | — | Gehäuse kpl. Body assembly | 68 |
| 21 92623 | 4137S-004 | Fenster Glazing | 4 |
| 22 92625 | 4137S-013 | Geländer Handrail | 2 |
| 23 92630 | 4137S-05A | Leuchtstab-Satz Light transmission bar set | 12 |
| 24 92631 | 4137S-10A | Pufferbohle kpl. Buffer plank assembly | 10 |
| 25 92632 | 4137S-12A | Führerstand-Satz Drivers cab set | 23 |
| 26 92731 | — | Hauptleitung Roof wire | 3 |
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| 29 85232 | 14496R | Stromabnehmer Pantograph | 99 |
| 30 87902 | 14132S-A10 | Platine kpl. Printed circuit assembly | 43 |
| 31 89888 | — | Elektronischer Umschalter Electronic direction of motion switch | 99 |
| 32 94080 | — | Gehäuse kpl. Body assembly | 68 |
| 33 94081 | — | Modulhalter Module holder | 6 |

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| 85009 | 913N | Motor | 99 |
| 85060 | — | Motor mit Schwunghasse Motor with flywheel | 99 |
| 85604 | 4689S | Haftreifen Traction tyre | 99 |
| 86206 | 4130S-052 | Federkupplung Spring coupling | 5 |
| 86405 | 4151B-004 | Zahnrad z 17 r; m 0,4 Gear T 17 r; m 0,4 | 2 |
| 86406 | 4151B-005 | Zahnrad z 17 l; m 0,4 Gear T 17 l; m 0,4 | 2 |
| 86407 | 4151B-006 | Zahnrad z 14 l; m 0,4 Gear T 14 l; m 0,4 | 2 |
| 86701 | 4151B-001 | Schnecke Worm | 5 |
| 86804 | 4133S-A03 | Schneckensatz kpl. alt Worm set assembly old | 24 |
| 86842 | — | Schneckensatz kpl. neu Worm set assembly new | 24 |
| 87006 | 4130S-027 | Federnabe lang Spring hub long | 5 |
| 87007 | 4130S-028 | Federnabe kurz Spring hub short | 4 |
| 87091 | — | Kardanwelle Cardan shaft | 3 |
| 87092 | — | Kardanschale kurz Cardan bearing short | 3 |
| 87093 | — | Kardanschale lang Cardan bearing long | 3 |
| 89205 | 4456S | Standardkupplung Standard coupling | 99 |
| 89790 | 4133S-027 | Wuchtrad mit Federnabe Flywheel with spring hub | 10 |
| 89804 | 5150S-022 | Radkontakt Wheel current contact strip | 2 |
| 90022 | 4133R-A01 | Radsatz mit Hafttring Wheelset with traction tyre | 16 |
| 90023 | 4133R-A02 | Radsatz Wheelset | 16 |
| 92626 | 4137S-014 | Drehgestellblende Bogie frame | 25 |
| 92633 | 4137S-14A | Drehgestell kpl. mit Schmierpumpe alt Bogie ass. with lubricating pump old | 53 |
| 92634 | 4137S-16B | Steckteile für Dreh- gestellblende Push in parts for bogie frame | 20 |
| 94083 | — | Drehgestell m. Generator alt Bogie with generator old | 53 |
| 94087 | — | Zurüstbeutel Bag with accessories | 25 |
| 94088 | — | Drehgestell kpl. mit Schmierpumpe neu Bogie ass. with lubricating pump new | 53 |
| 94089 | — | Drehgestell kpl. mit Generator neu Bogie ass. with generator new | 53 |
| 95161 | 4130S-012 | Getriebekasten Gear box | 14 |
| 95162 | 4130S-013 | Getriebedeckel Gear cover | 10 |
| 95163 | 4130S-044 | Klemme Clamp | 2 |
| 95168 | 4133S-14A | Lokboden Loco base | 8 |
| 95170 | 4133S-200 | Lokrahmen Frame | 30 |
| 40002 | 4594S | Schleifer Collector shoe | 99 |
| 85061 | — | Motor mit Schwunghasse Motor with flywheel | 99 |
| 85685 | 81001A-205 | Schraube M 1,7x3,5 Screw M 1,7x3,5 | 2 |
| 89866 | 314143S-030 | Radkontakt Wheel current contact strip | 5 |
| 90818 | — | Radsatz m. Haftreifen Wheelset w. traction tyre | 16 |
| 90819 | — | Radsatz Wheelset | 16 |
| 94081 | — | Leerlaufgestell kpl. No-load bogie ass. | 42 |
| 94082 | — | Drehgestell kpl. alt Bogie assembly old | 53 |
| 94084 | — | Leerlaufgetriebedeckel No-load gear cover | 10 |
| 94085 | — | Leerlaufgetriebekasten No-load gear case | 10 |
| 94090 | — | Drehgestell kpl. neu Bogie assembly new | 53 |



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