48.OUTER RACE 2.FASTENING PLATE 94.SOCKET UNION 3.HXRD SCREW MBN 10143-M 6 DTX 19-10.9 95.PRESSURE SENSOR 12V 49.OUTER RING 4.ROTATIONAL SPEED SENSOR 50.TEMPERATURE SENSOR 96.SIEVE **5.BRACKET** 51.TRANSMISSION HOUSING FRT 97.SEAL RING 6.HXRD SCREW MBN 10143-M 6 DTX 19-10.9 52.OIL GUIDE PANELNGS AXLE DRIVE (HD/MD) 98.SEAL RING 53.SHAFT LIP TYPE SEAL 99.CASING 7.VENT LINE 100.PROTECTIVE CAP 8.BRACKET 54.HOUSING COVER 55.HXRD SCREW MBN 10143-M 8X 35- 8.8-MK 101.RETAINING RING DIN 472-65X2,5 DBL8400.00 9.HXRD SCREW MBN 10143-M 6 DTX 19-10.9 56.RELEASE BEARING PNEU (CPCA) 10.SCREW 102.THRUST PLATE 11.COUPLING PLUG 57.HXRD SCREW MBN 10142-M10X 25-10.9 103.O-RING 58.O-RING 104.SWITCHING CYLINDER 12.COMPRESSED AIR LINE 59.SCREW PLUG DIN 7604-A-M12X1,5-ST DBL84 13.COUPLING PLUG 105.SWITCHING PISTON 14.COMPRESSED AIR LINE 60.O-RING 106.COMPENSATING WASHER 15.OIL PIPE 107.PISTON ROD 61.GUIDE PIN 62.CLOSING COVER SHAPES 16.PRESSURE CONTROL VALVE 108.PRESSURE SPRING 63.SNAP RING DIN 7993-A 25 DBL8400.00 17.CONNECTION FITTING 109.PRESSURE SPRING 18.HEXAGONAL BOLT 64.THRUST WASHER 110.CATCH BOLT 65.LOCKING BRACKET/NEW AMT-HD 111.SCREW PLUG DIN 908-M16X1,5-ST DBL9440. 19.LOCKING CAP 20.OIL PUMP 66.BEARING BUSH/NEW AMT-HD SOWIE CPS-HD 112.PISTON ROD/GP 67.SHIFTING FINGER, SELECTION FINGER 21.COMPENSATING DISC 113.PRESSURE SPRING 68.BEARING BUSH/NEW AMT-HD SOWIE CPS-HD 22.ADPR SLEEVE DIN 7346-6 X 50 DBL8400.00 114.O-RINGS 115.O-RINGS, TOROIDAL SEALING RINGS 23.CIRCLIP 69.RETAINING RING 70.SELECTOR AND SHIFT ROD 116.U CONTROL PISTON/GP GUMMIERT 24.DEEP GROOVE BALL BEARING 71.GASKET/NEW AMT-HD 25.OIL PUMP SHAFT 117.SOLENOID ARMATURE 26.COMBI HEXAGON HEAD BOLT 72.RETAINING RING DIN 471-38X1,75 DBL8400.0 118.SHIFT CYLINDER/GP 27.BUSH 73.BEARING CAP LH 119.HXRD SCREW MBN 10143-M10X 60-10.9 28.COUNTING WHEEL PICKUP 74.GASKET/NEW AMT-HD 120.LOCKING BOLT 121.PRESSURE SPRING 29.TRANSMISSION HOUSING 75.CENTERING SLEEVE 30.HXRD SCREW MBN 10143-M12X 90-10.9 76.THRUST WASHER 122.SCREW PLUG 31.OIL SCREEN SUCTION OIL FILTER FOR GEARS 77.PRESSURE SPRING 123.BEARING BOLT 32.SCREW PLUG COLLAR, HEX SOCKET, CYL T 78.THRUST WASHER 124.GUIDE RAIL 79.CIRCLIP FOR BORE HOLES 33.ANNULAR BALL BEARING 125.SHIFT RAIL 34.RETAINING RING DIN 472-130X4 DBL8400.00 **80.RETAINING RING** 126.BEARING BOLT 35.CENTERING SLEEVE 127.GEAR CONTROL FORK / GP 81.SHIFT LEVER SHAFT / NEW AMT-HD MIT DOPPE 82.HEXALOBULRBOLT MBN 10226-M 8X25-10.9-MKL 36.HXRD SCREW MBN 10143-M12X 60-10.9 128.SLIDING BLOCK 83.PRESSURE PIN/D8.3 3-ECKIG 37.HXRD SCREW MBN 10143-M12X 80-10.9 129.BEARING BOLT 38.PIN ER CHAMFERS 84.PRESSURE SPRING/SCHALTRASTE NEW AMT-HD 130.GEAR CONTROL FORKS 39.HXRD SCREW MBN 10143-M12X 60-10.9 85.CATCH BOLT 131.GEAR CONTROL FORKS 40.HXRD SCREW MBN 10143-M 6 DTX 19-10.9 86.SHIFTING SEGMENT / NEW AMT 132.GEAR CONTROL FORK / GV 41.ROTATIONAL SPEED SENSOR 87.HXRD SCREW MBN 10142-M 6X 30- 8.8 133.PULSE STAR 134.O-RINGS, TOROIDAL SEALING RINGS 88.HXRD SCREW MBN 10143-M 5X 25- 8.8 42.TRANSMISSION HOUSING CTR 43.TRANSMISSION GEARS 89.VENT CAP 135.HEXSCRMBN10105-M20X1,5X80-10.9-MKL10X10 90.TRANSMISSION POSITIONER/OHNE ECU 44.GUIDE PLATE/12 GANG NEWAMT 136.PRESSURE WASHER 45.SCREW, HEX SCREWS WITH COLLAR 91.NYLON HOSE 137.RADIAL SHAFT SEALING RING 138.COUPLING FLANGE 46.OUTER RING 92.HEXALBOLT MBN 10143-M 8X140-8.8-MKL-21X3 (15)(19) (25) -(27) -(28) -(37) (2)(36)-(60)(58) (49) (56) DT12 D716 300

47.INTAKE PIPE

1.COMPRESSED AIR LINE

93.CONTROL UNIT FOR AUTOMATIC GEARSHIFT SYS

171.TAPERED ROLLER BEARING 141.RETAINING RING DIN 471-120X4 DBL8400.00 201.SYNCHRONIZER CONE / D 180 142.SYNCHRONOUS RING 172.RETAINING RING FOR SHAFTS 202.SYNCHRONIZING RING 173.SLIDING SLEEVE 143.SLIDING SLEEVE 203.DRIVE SHAFT 144.SYNCHRONOUS RING 174.SYNCHRONIZER BODY 204.NEEDLE CAGE 145.ZB SYNCHRONIZING RING 175.NEEDLE CAGE 205.HELICAL GEAR 176.HELICAL GEAR 2ND GEAR 146.RETAINING WASHER 206.U TAPERED ROLLER BEARING 147.RING GEAR 177.MAIN SHAFT 207.RETAIN RING FOR SHAFTS 148.CENTERING RING 178.NEEDLE CAGE/CRAWLER 208.HEXALOBULRBOLT MBN10143-M 8X 60- 8.8-MKL 149.ANNULAR BALL BEARING 179.HELICAL GEAR 1ST-GEAR 209.SOCKET UNION 150.RETAINING RING DIN 472-130X4 DBL8400.00 180.RETAINING RING FOR SHAFTS 210.CSB HOUSING 151.PLANET CARRIER 181.SYNCHRONIZER BODY 211.VENT VALVE 152.THRUST WASHER TSIDE CHAMFER 1 182.SLIDING SLEEVE 212.ZB CLOSING COVER (VENT VALVE) 153.PLANET GEAR 183.NEEDLE CAGE 213.LU PISTON FOR HYDRAULIC CYLINDER 154.THRUST WASHER 184.REVERSE GEAR 214.OUTER OIL CONTROL RING 155.NEEDLE ROLLER 185.IMPULSSTERN 215.INNER OIL CONTROL RING 186.INNENRING 156.SET SCREW ISO 4027-M 6X 14-45H DBL940 216.WASHERS (FLAT) SHERS, THRUST WASHERS 157.PLANETARY AXLE 187.CENTER GEAR 217.RETAINING RING 158.THRUST WASHER TSIDE CHAMFER 1 188.RETAINING RING DIN 471-47X1,75 DBL8400.0 218.O-RINGS, TOROIDAL SEALING RINS 159.BEARING CAP 189.BLIND CLINCH NUT 219.CATCH BOLT 190.HEXAGON SCREW ISO 4017-M10X 25- 10.9 D 160.TWELVE-SIDED NUT WITH COLLAR SW41 220.PRESSURE SPRING 161.TAPERED ROLLER BEARING 191.REVERSE IDLER SHAFT 221.TAPERED ROLLER BEARING 162.COMPENSATING DISC 192.BEARING BUSH 222.RETAINING RING DIN 471-60X3 DBL8400.00 163.TAPERED ROLLER BEARING 193.NEEDLE BEARING 223.TWIN COUNTERSHAFT GEAR 194.REVERSE IDLER GEAR 164.SLIDING SLEEVE 224.PULSE STAR / G211-12 VORGELEGEWELLE 195.AIR FLOW SENSOR PLATE (OIL BAFFLE) 165.BAND LINING/D180 225.COUNTERSHAFT GEAR 2ND GEAR/G211/230 196.RETAINING RING DIN 472-45X1,75 DBL8400.0 166.SYNCHRONIZER CONE 226.COUNTERSHAFT 167.ANNULAR SPRING 197.OIL PIPE 227.INNER RING 168.SLIDING BLOCK 198.OIL CENTRIFUGE (73)(74)(62)63 -\(\text{81}\) 64 65 66 67 (125) 68 69 87)-70 123 131)-10000000000 208 9 141) 142 158 (159 184 -(183) 182 -(178) 177 (192)-(191) -173 -(171) (168) -201) 202 D716 300 DT12

169.SYNCHRONIZING RING

170.HELICAL GEAR

199.ANNULAR SPRING/D148

200.BAND LINING/D180

139.SYNCHRONOUS RING

140.SPACER DISK