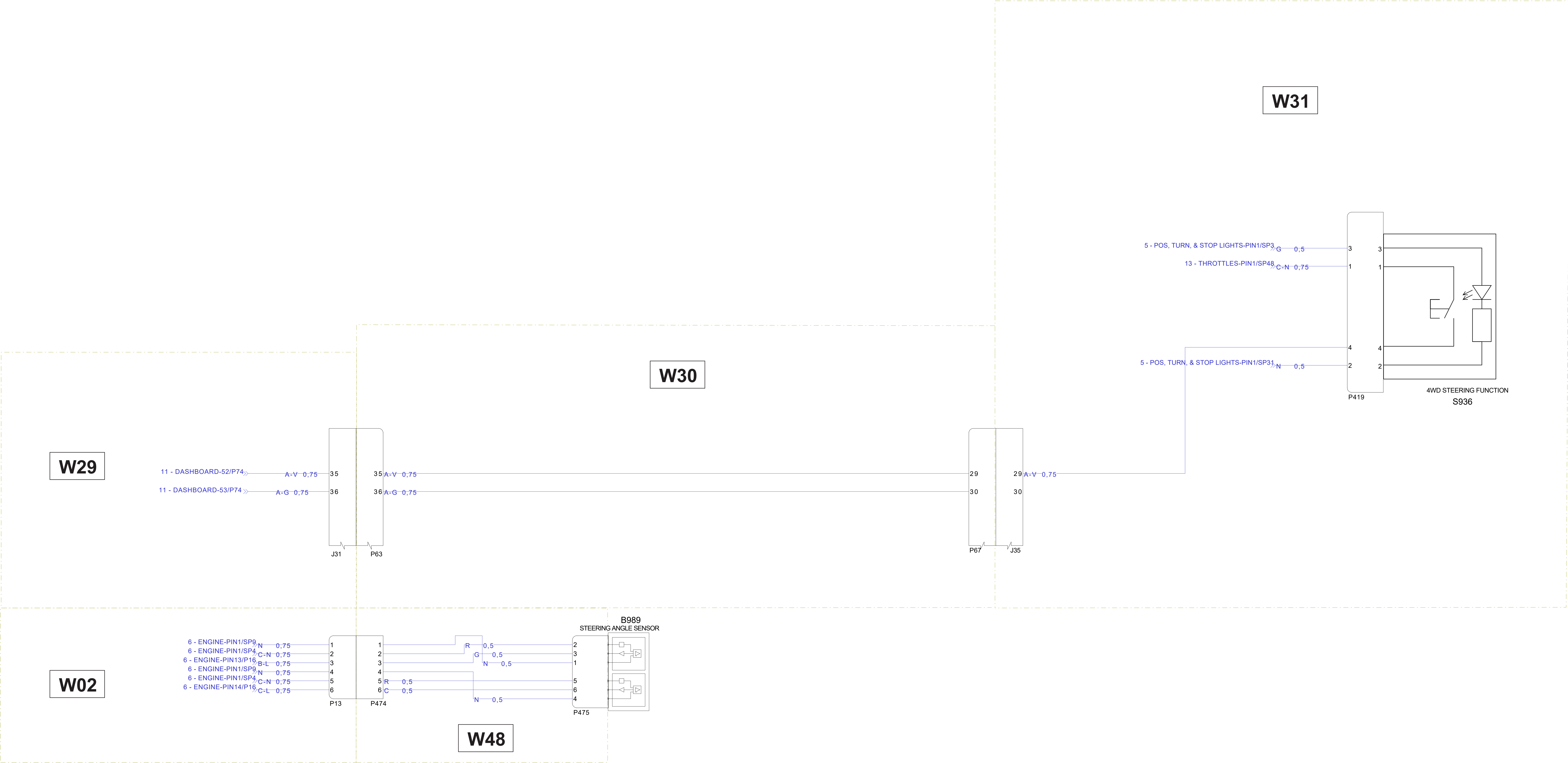
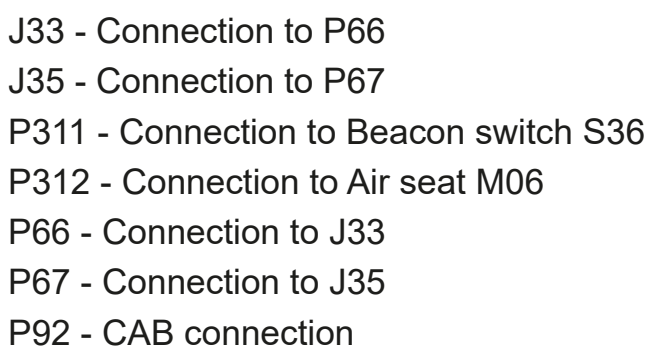
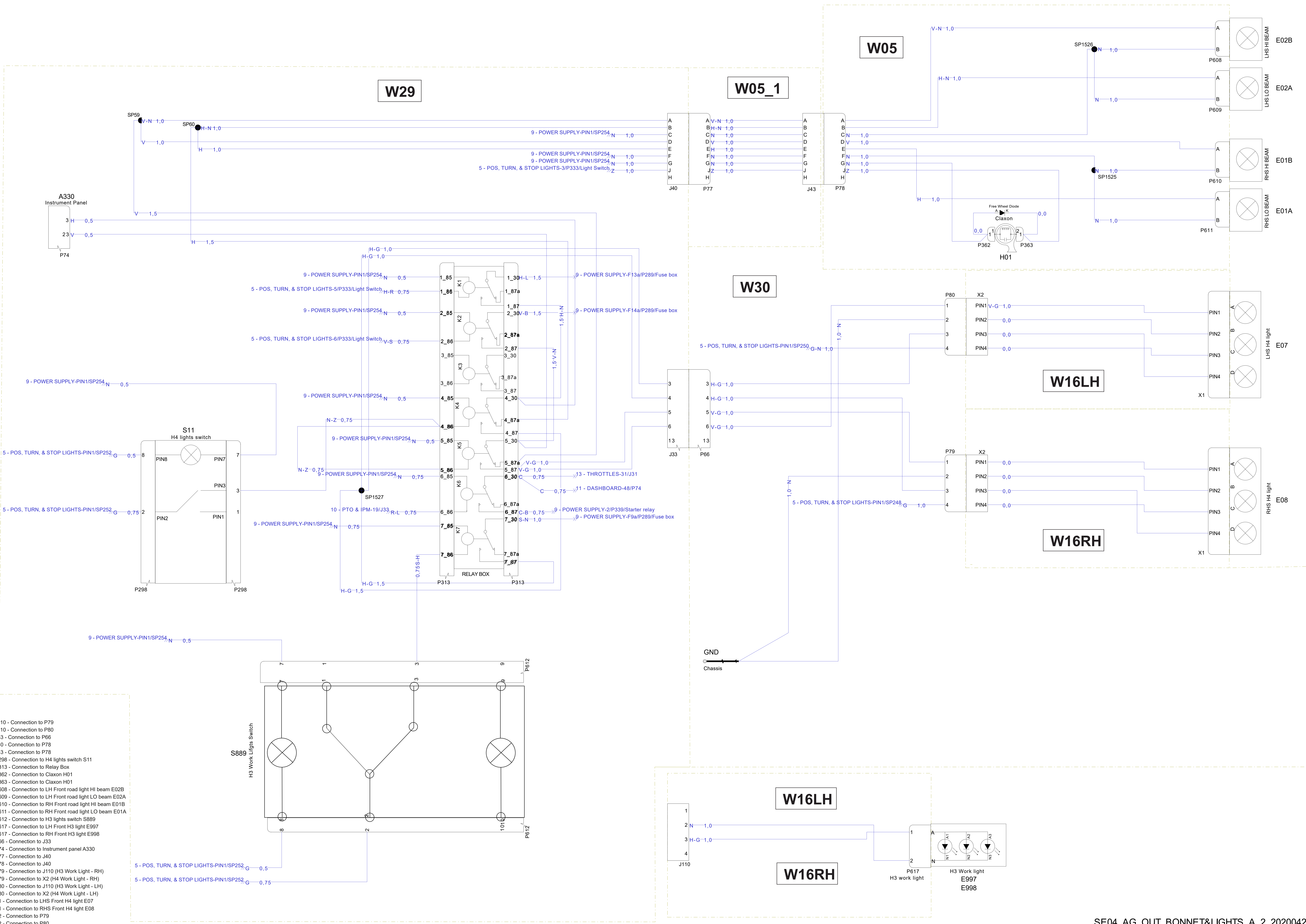
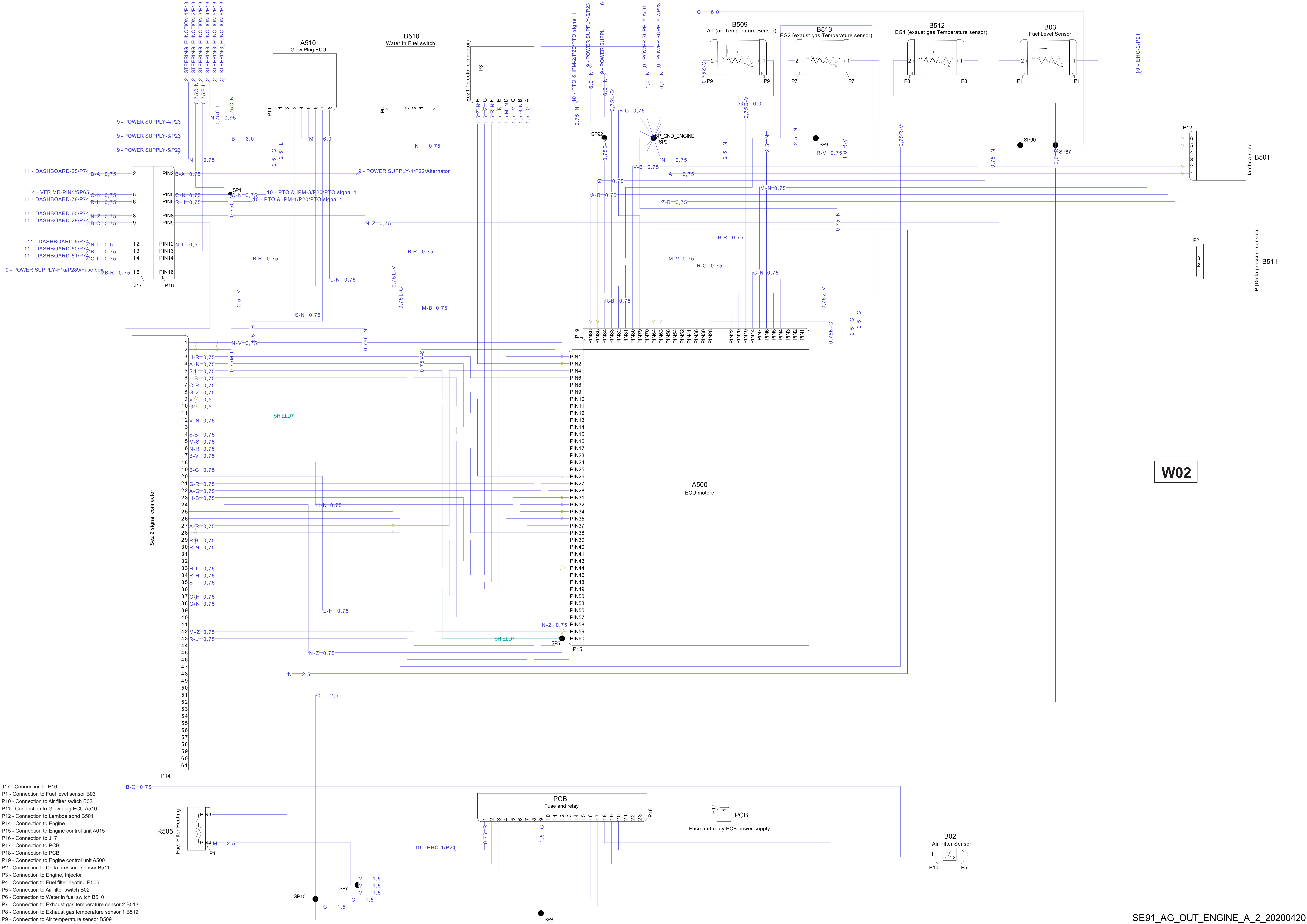
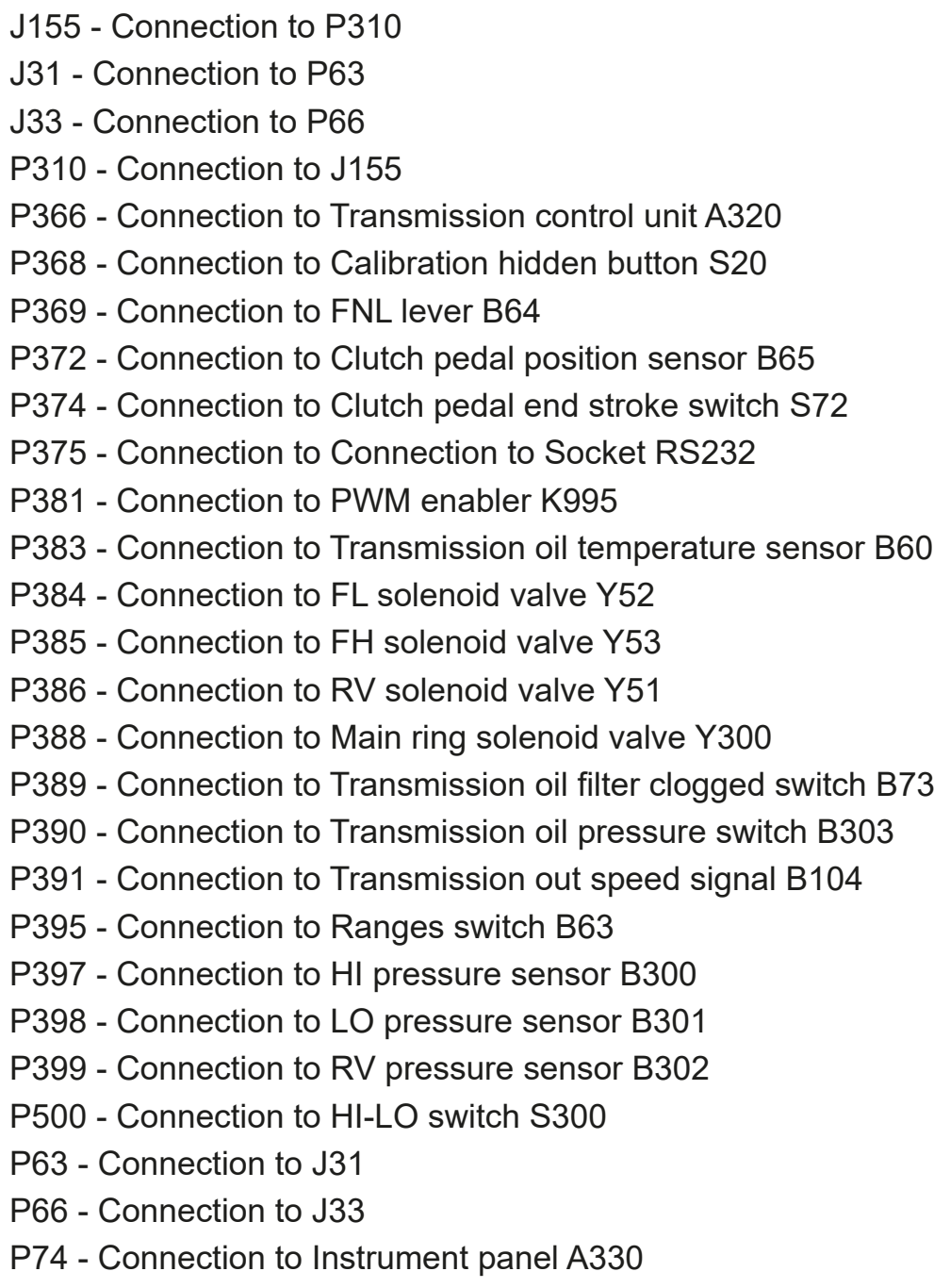


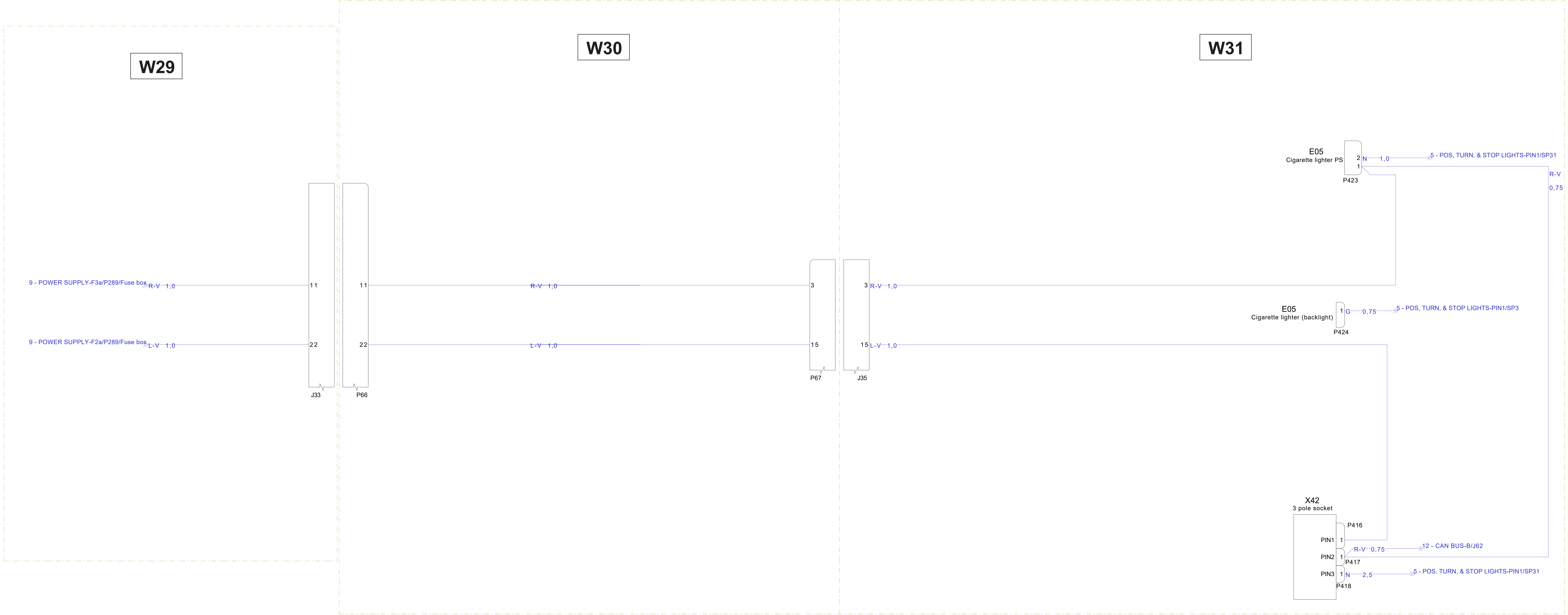


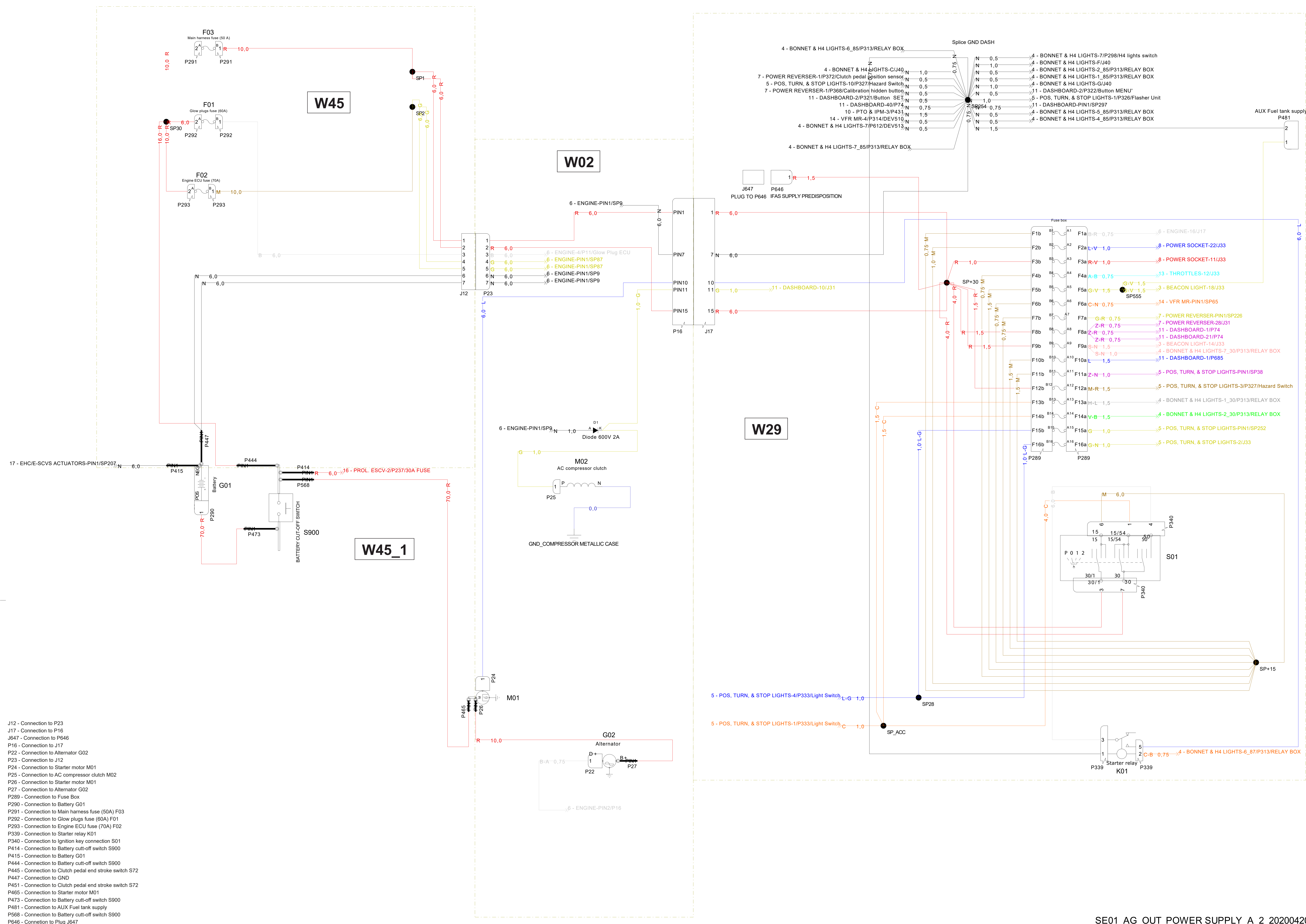


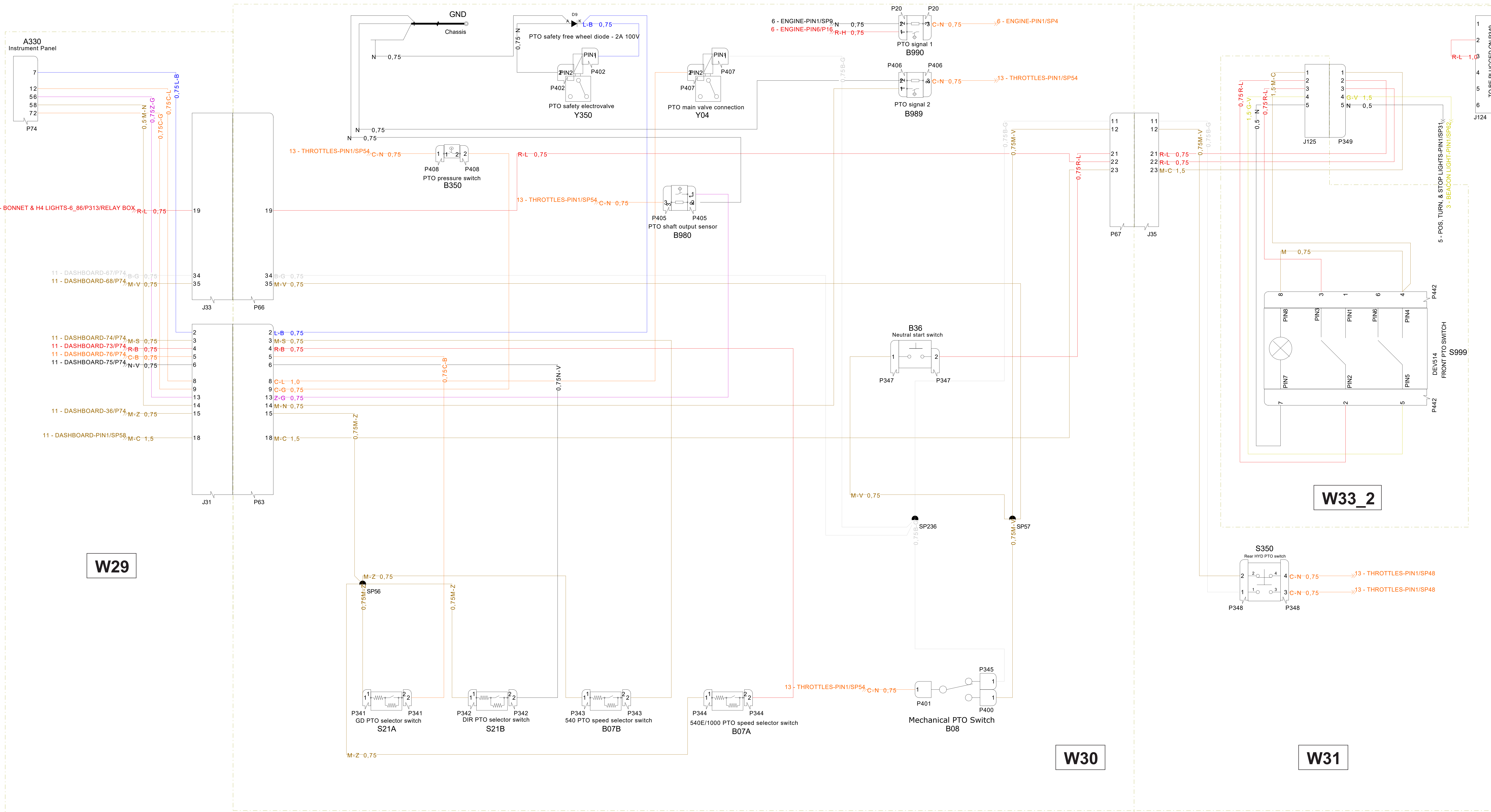






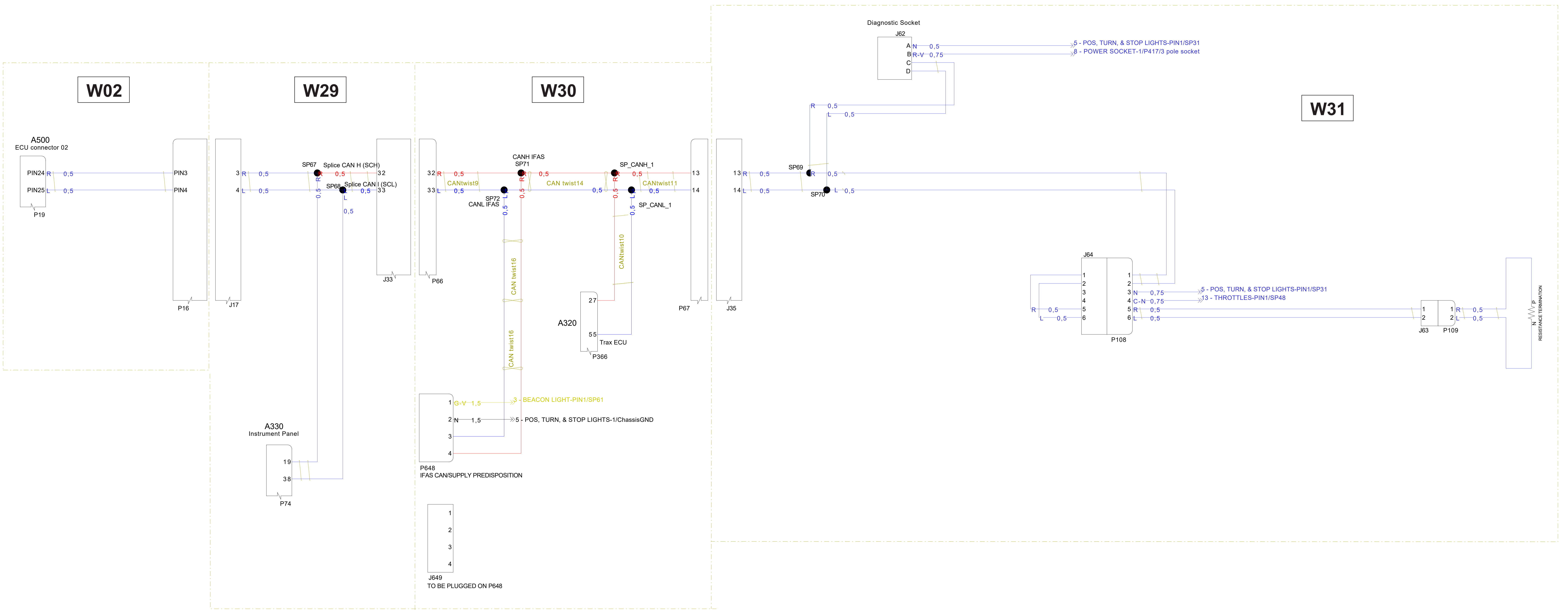






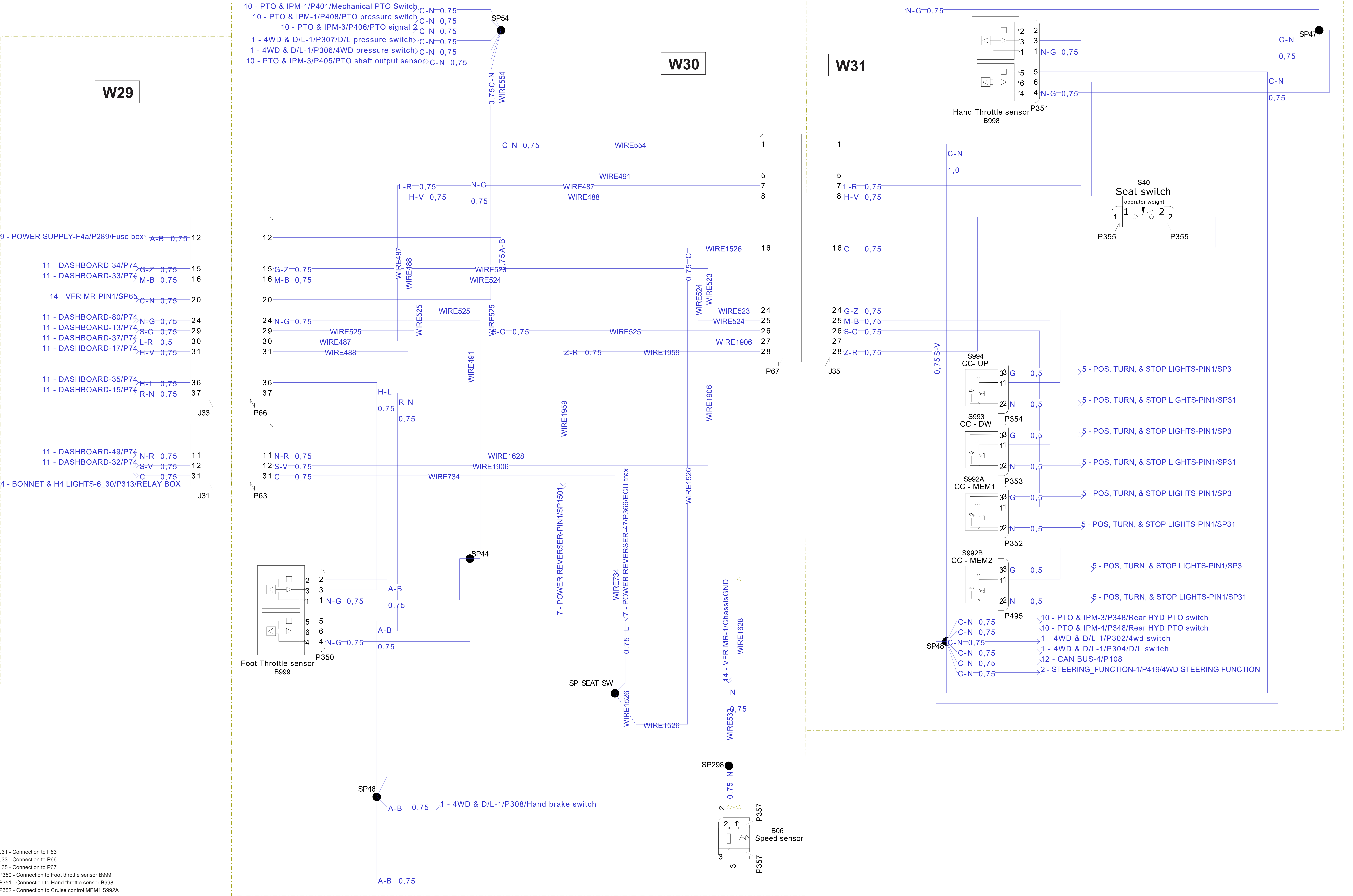
- J124 - Connection to P349
- J125 - Connection to P349
- J31 - Connection to P63
- J33 - Connection to P66
- J35 - Connection to P67
- J83 - Connection to P431
- J84 - Connection to P432
- P20 - Connection to PTO signal 1 B990
- P341 - Connection to GD PTO selector switch S21A
- P342 - Connection to DIR PTO selector switch S21B
- P343 - Connection to 540 PTO speed selector switch B07B
- P344 - Connection to 540E/1000 PTO speed selector switch B07A
- P345 - Connection to Mechanical PTO switch B08
- P347 - Connection to Neutral start switch B36
- P348 - Connection to Rear HYD PTO switch S350
- P349 - Connection to J125
- P400 - Connection to Mechanical PTO switch B08
- P401 - Connection to Mechanical PTO switch B08
- P402 - Connection to PTO safety solenoid valve Y350
- P405 - Connection to PTO shaft output sensor B980
- P406 - Connection to PTO signal 2 B989
- P407 - Connection to PTO main valve connection Y04
- P408 - Connection to PTO pressure switch B350
- P431 - Connection to J83
- P432 - Connection to J84
- P433 - Connection to Connection to Front PTO interlock relay K999
- P435 - Connection to Front PTO solenoid valve Y999
- P442 - Connection to Front PTO switch S999
- P63 - Connection to J31
- P66 - Connection to J33
- P67 - Connection to Rear HYD PTO switch S350
- P74 - Connection to Instrument panel A330



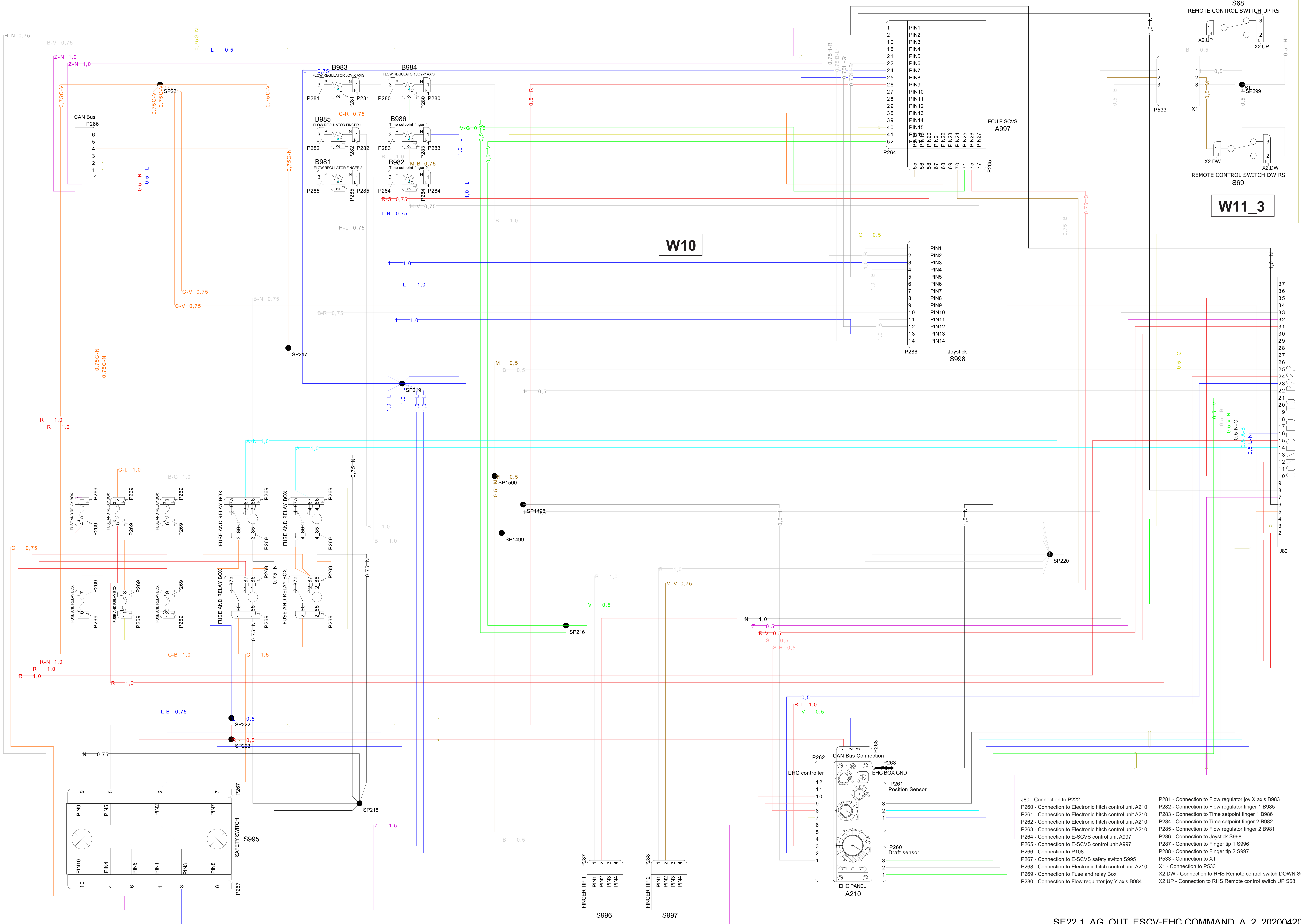


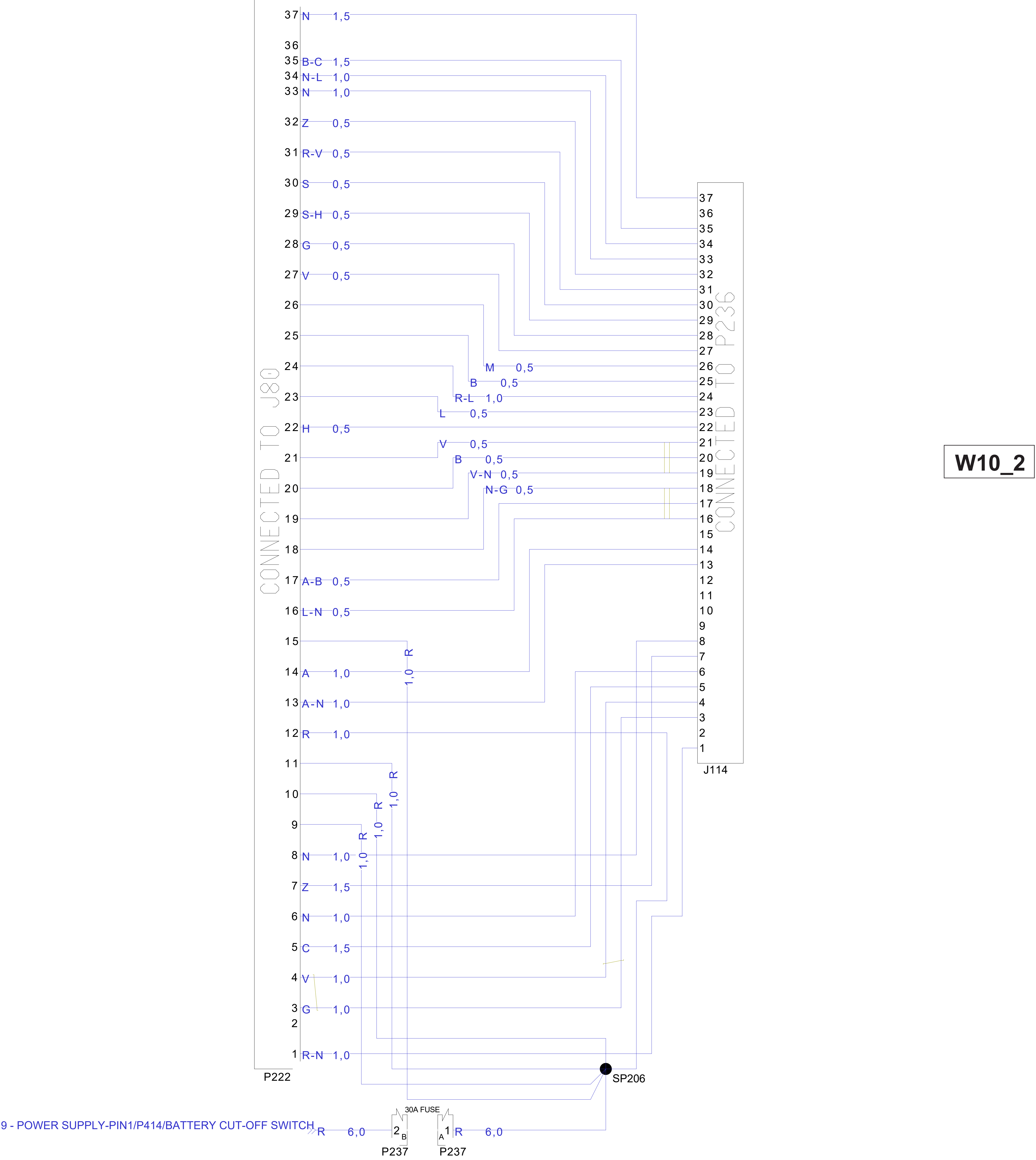
J17 - Connection to P16
J33 - Connection to P66
J35 - Connection to P67
J62 - Connection to Diagnostic Socket
J63 - Connection to P109
J64 - Connection to P108
J649 - Connection to P648
P108 - Connection to Plug J64
P109 - Connection to J63
P16 - Connection to J17
P19 - Connection to Engine control unit A500
P366 - Connection to Transmission control unit A320
P648 - Connection to J649
P66 - Connection to J33
P67 - Connection to J35
P74 - Connection to Instrument panel A330

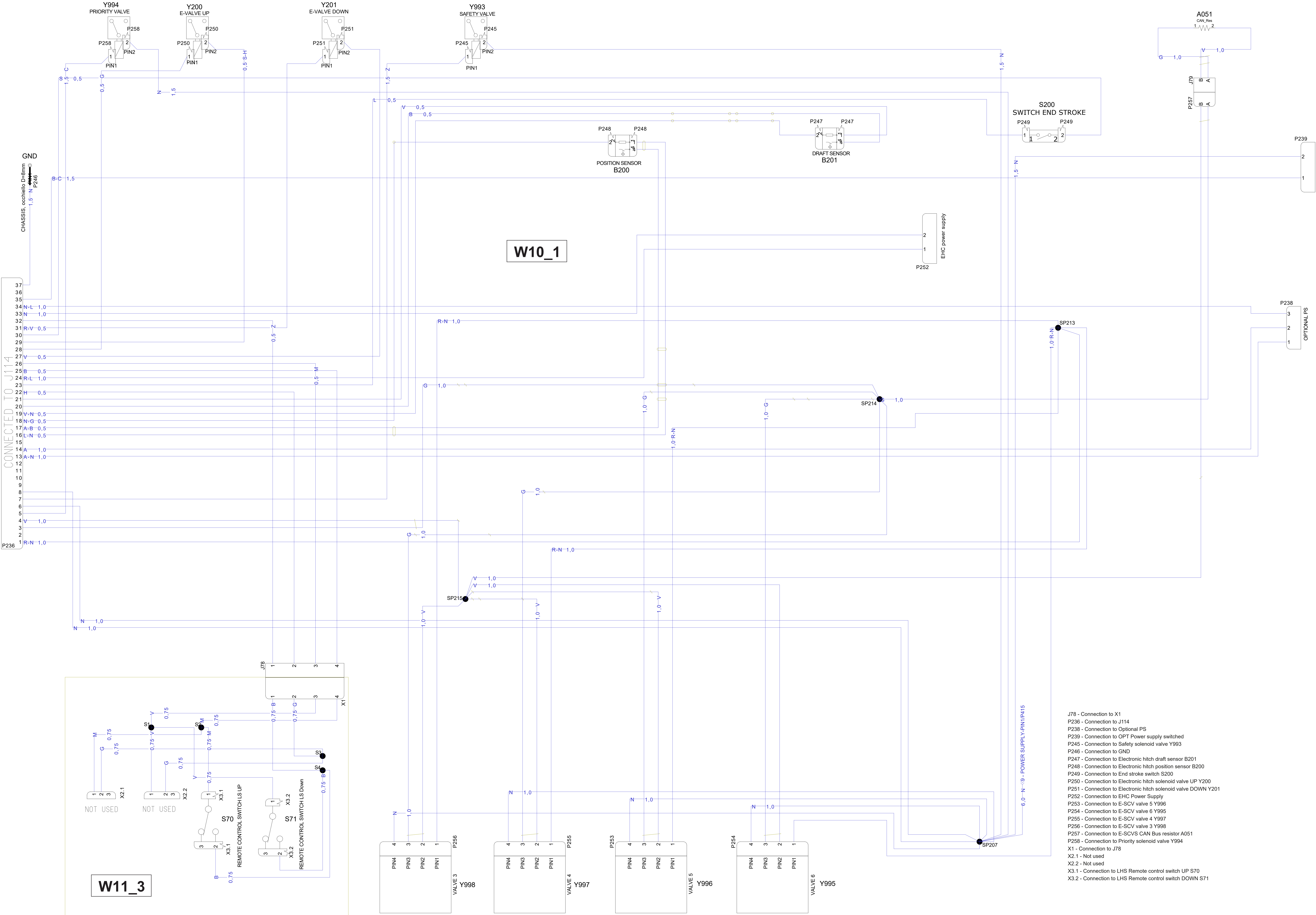
SE19_AG_OUT_CAN BUS_A_2_20200420

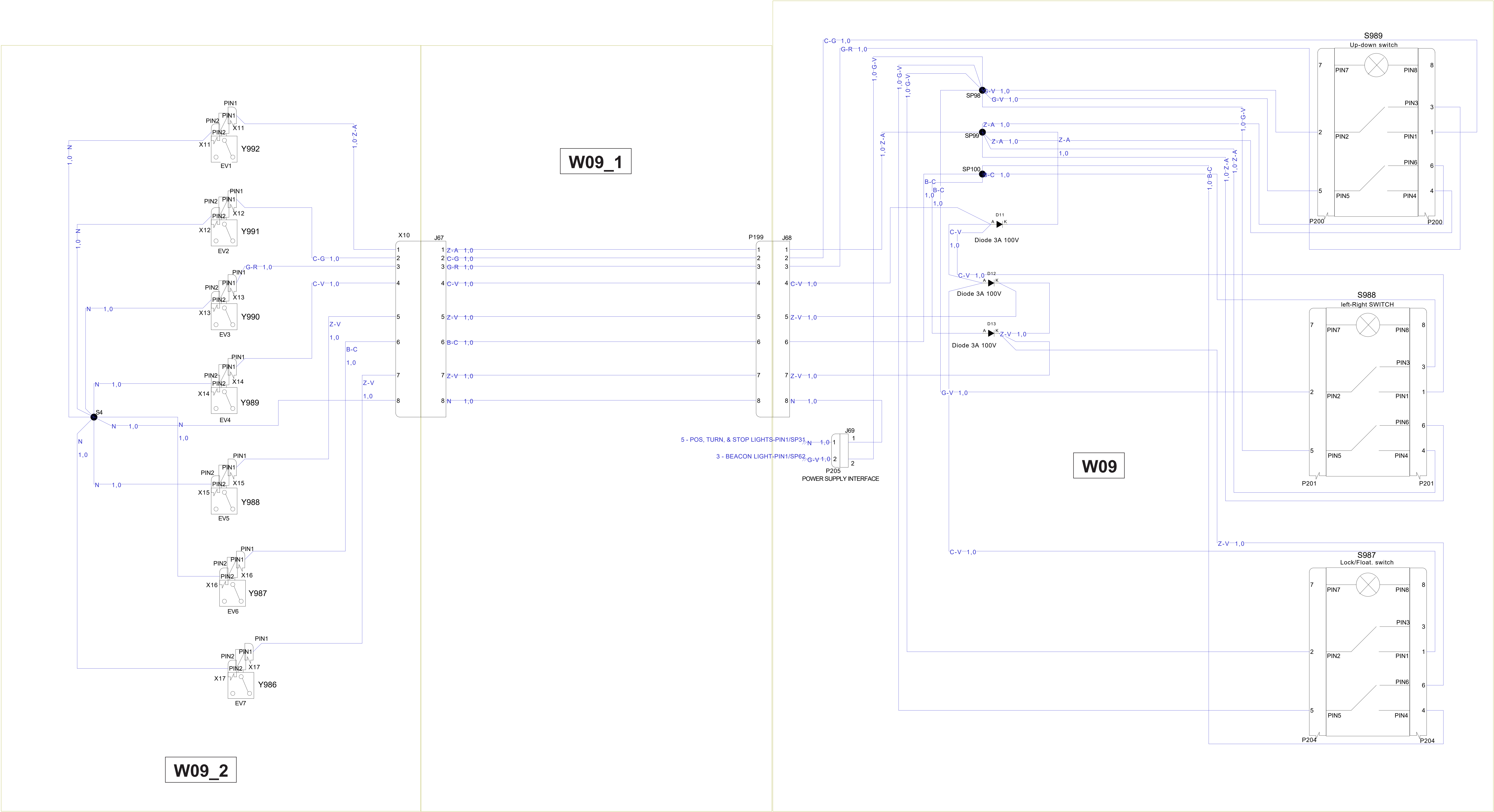


J31 - Connection to P63
J33 - Connection to P66
J35 - Connection to P67
P350 - Connection to Foot throttle sensor B999
P351 - Connection to Hand throttle sensor B998
P352 - Connection to Cruise control MEM1 S992A
P353 - Connection to Cruise control DW S993
P354 - Connection to Cruise control UP S994
P355 - Connection to Seat switch S40
P357 - Connection to Speed sensor B06
P495 - Connection to Cruise control MEM2 S992B
P63 - Connection to J31
P66 - Connection to J33
P67 - Connection to J35

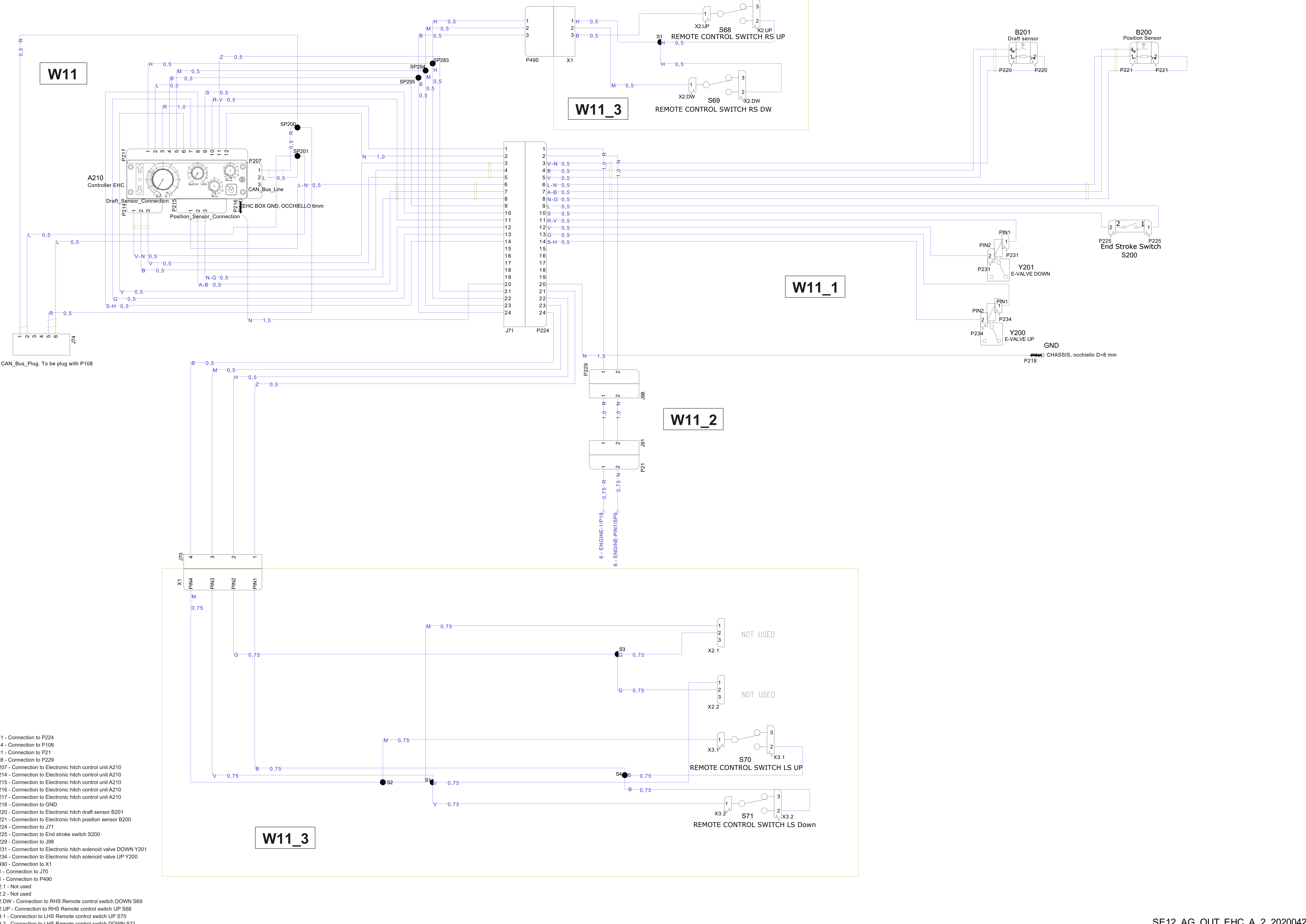




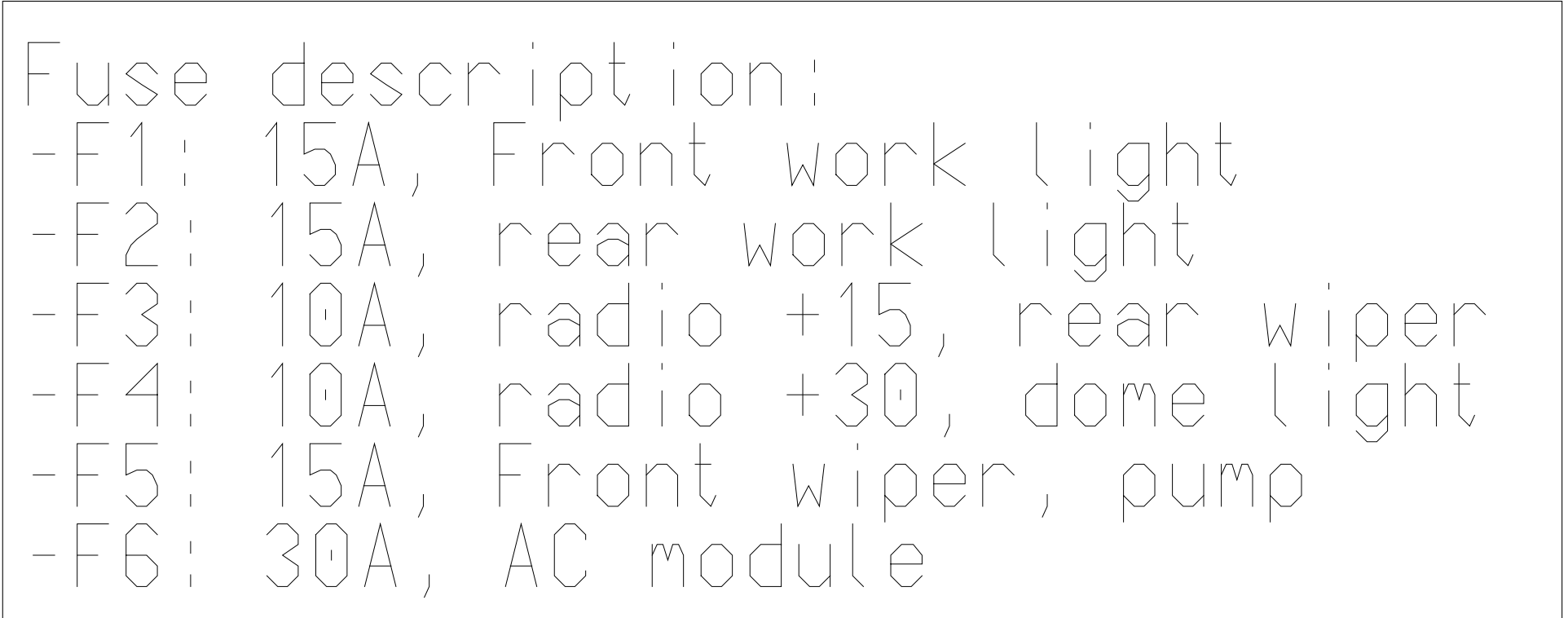




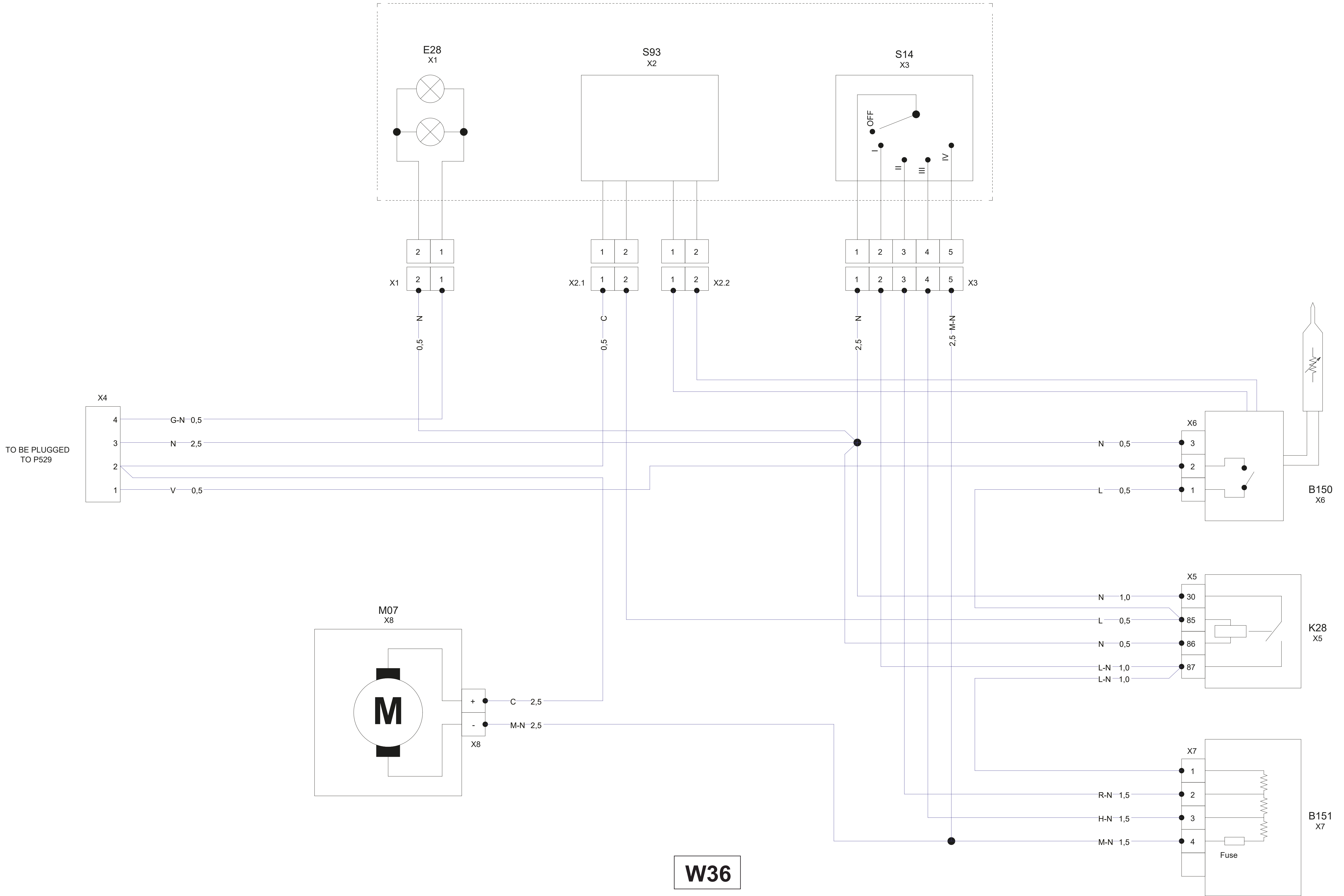
J67 - Connection to X10
J68 - Connection to P199
J69 - Connection to P205
P199 - Connection to J68
P200 - Connection to UP-DOWN switch S989
P201 - Connection to LEFT-RIGHT switch S988
P204 - Connection to RIGID-FLOTT switch S987
P205 - Connection to J69
X10 - Connection to J67
X11 - Connection to Deport solenoid valve 1 Y992
X12 - Connection to Deport solenoid valve 2 Y991
X13 - Connection to Deport solenoid valve 3 Y990
X14 - Connection to Deport solenoid valve 4 Y989
X15 - Connection to Deport solenoid valve 5 Y988
X16 - Connection to Deport solenoid valve 6 Y987
X17 - Connection to Deport solenoid valve 7 Y986

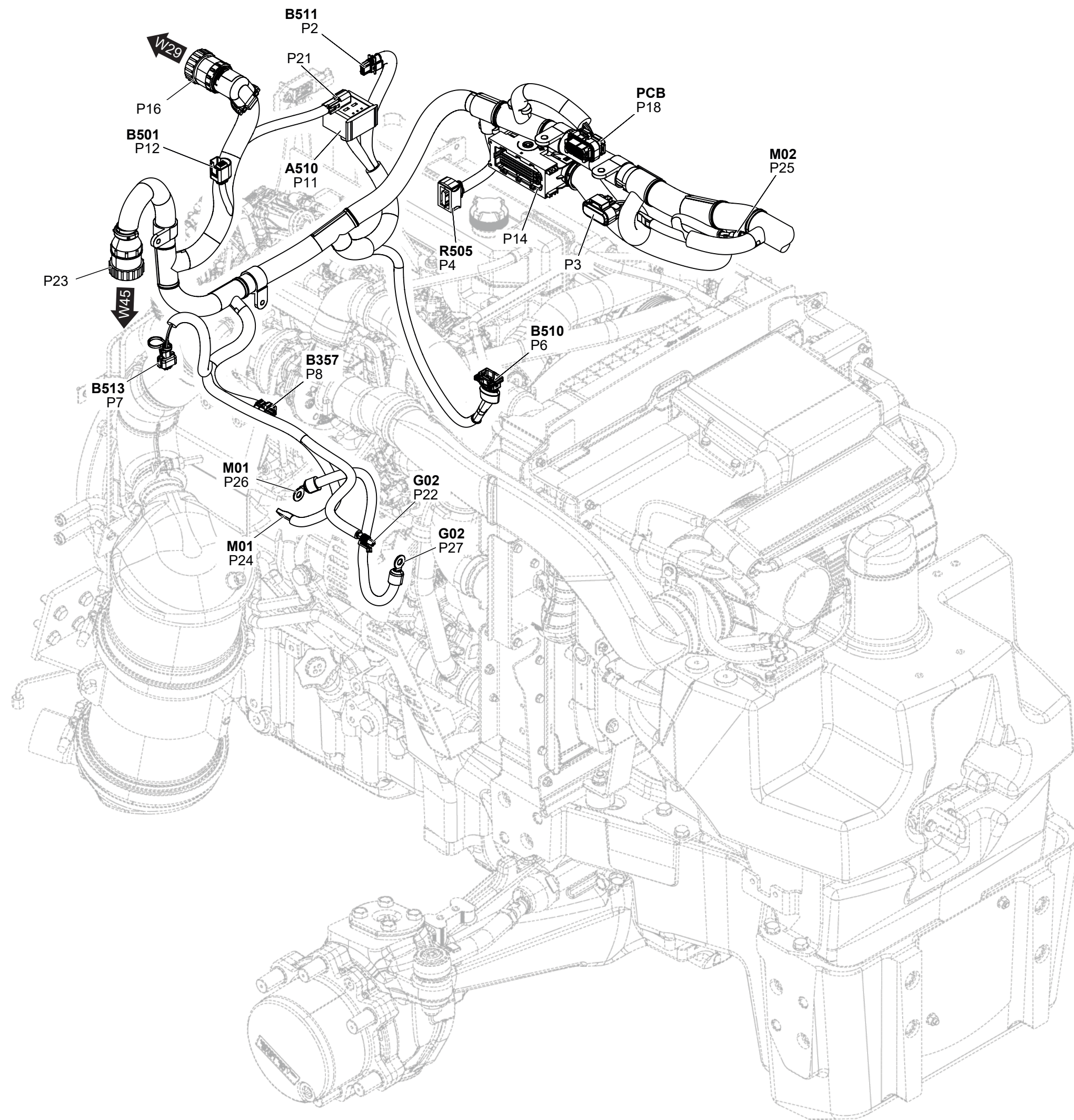


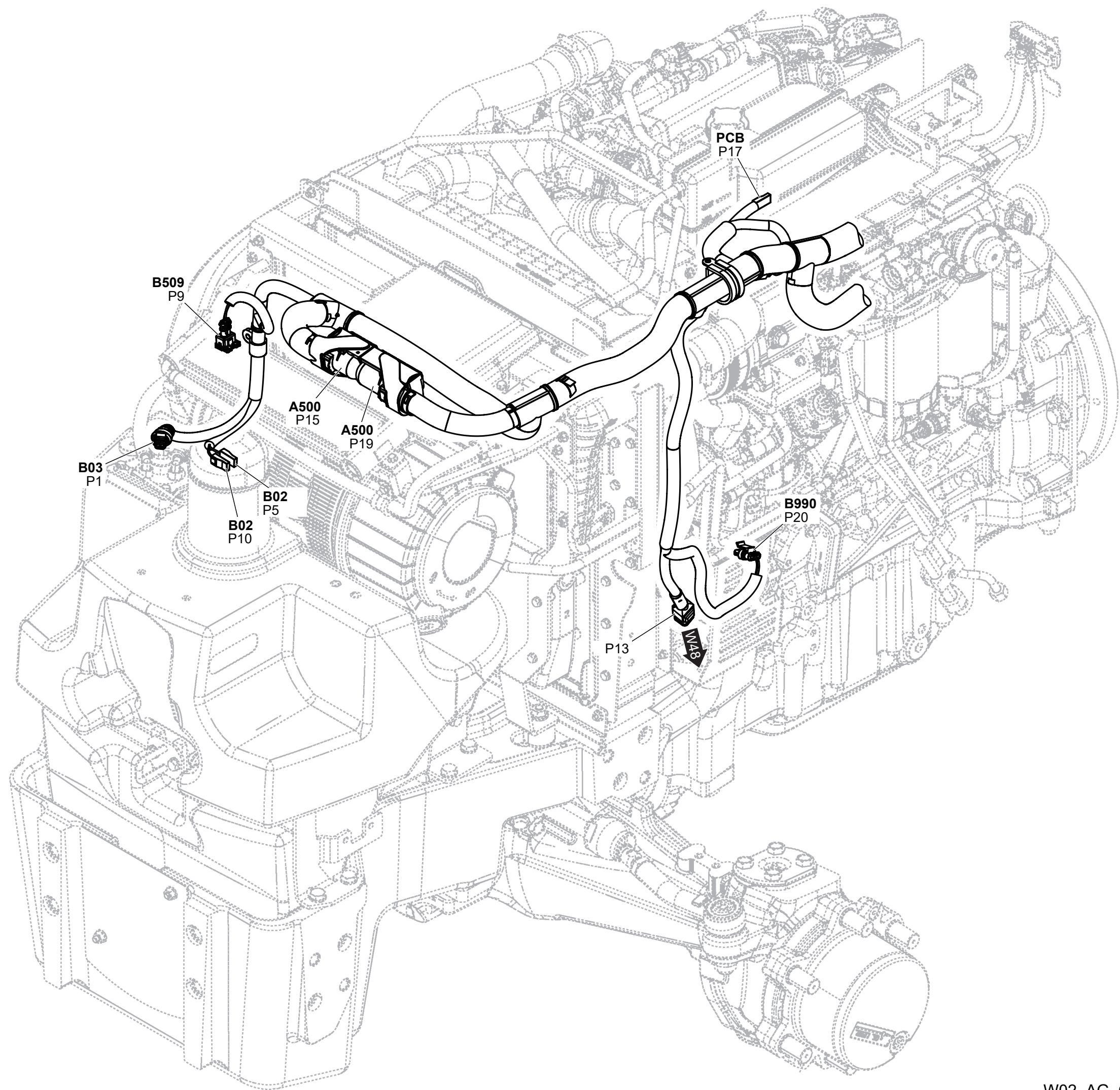
J71 - Connection to P224
J74 - Connection to P108
J91 - Connection to P21
J98 - Connection to P229
P207 - Connection to Electronic hitch control unit A210
P214 - Connection to Electronic hitch control unit A210
P215 - Connection to Electronic hitch control unit A210
P216 - Connection to Electronic hitch control unit A210
P217 - Connection to Electronic hitch control unit A210
P218 - Connection to GND
P220 - Connection to Electronic hitch draft sensor B201
P221 - Connection to Electronic hitch position sensor B200
P224 - Connection to J71
P225 - Connection to End stroke switch S200
P229 - Connection to J98
P231 - Connection to Electronic hitch solenoid valve DOWN Y201
P234 - Connection to Electronic hitch solenoid valve UP Y200
P490 - Connection to X1
X1 - Connection to J70
X1 - Connection to P490
X2.1 - Not used
X2.2 - Not used
X2.DW - Connection to RHS Remote control switch DOWN S69
X2.UP - Connection to RHS Remote control switch UP S68
X3.1 - Connection to LHS Remote control switch UP S70
X3.2 - Connection to LHS Remote control switch DOWN S71

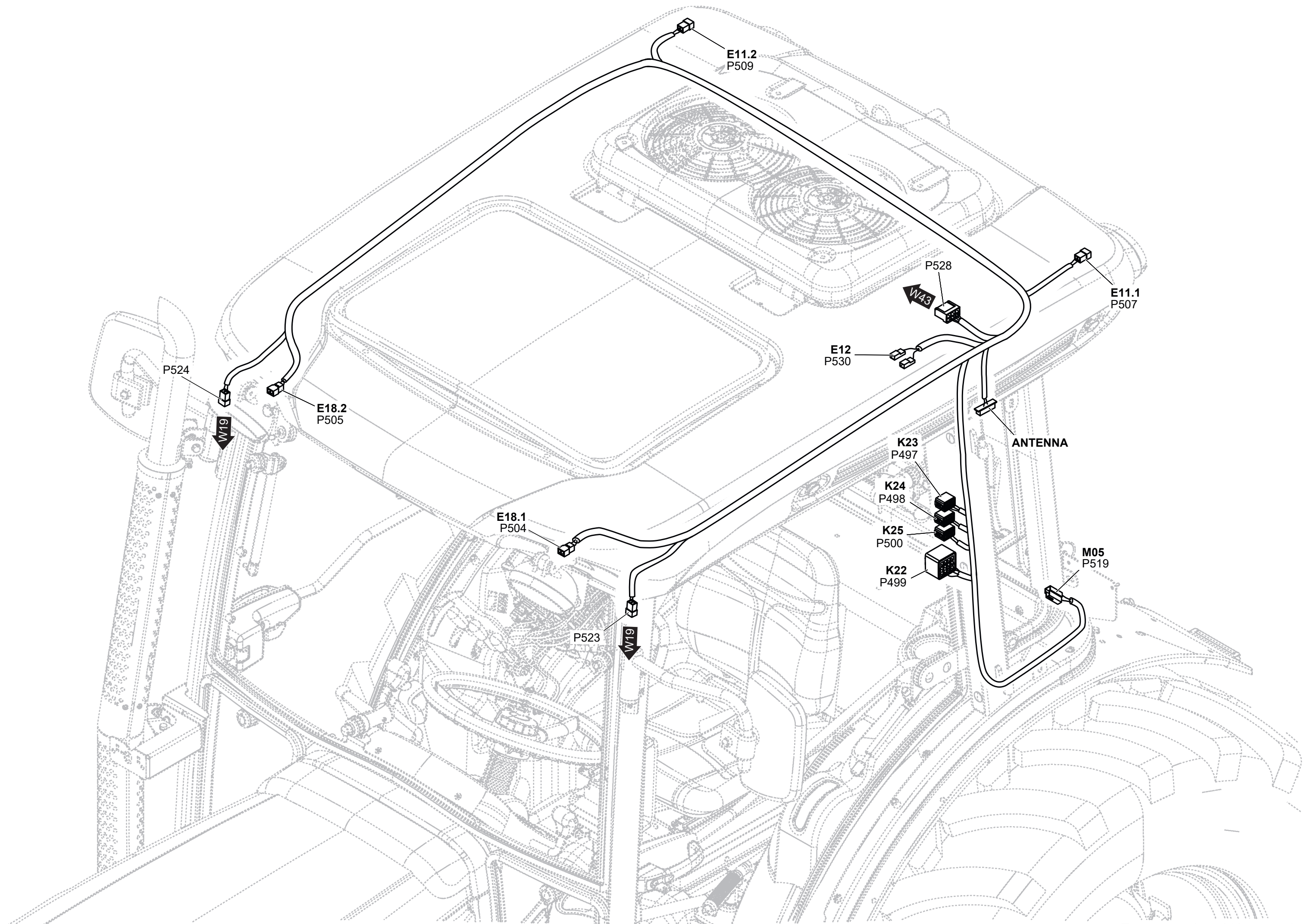


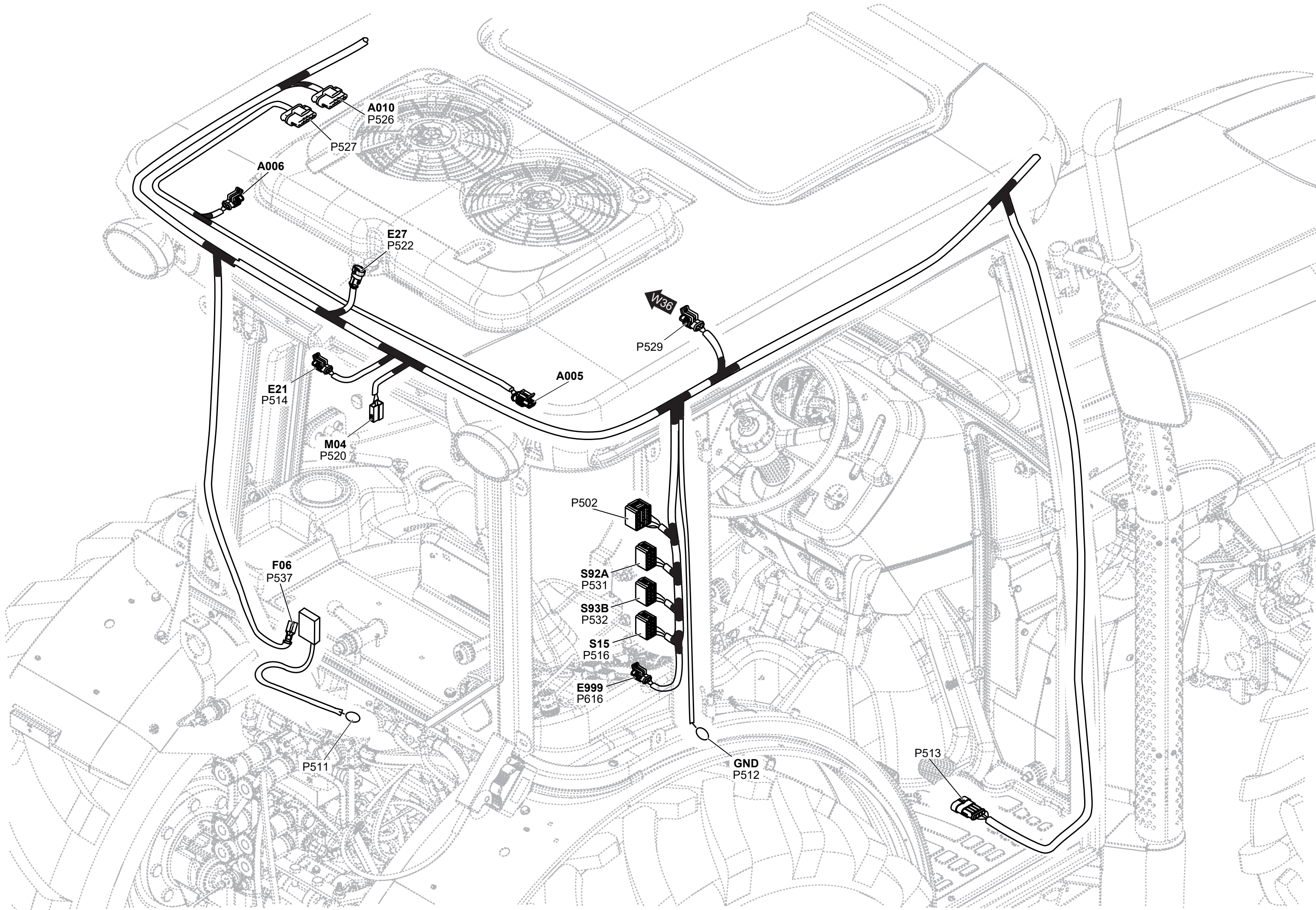
- P520 - Connection to Rear wiper motor M04
- P522 - Connection to Beacon light E27
- P523 - Connection to Front Wiper
- P524 - Connection to Front Wiper
- P526 - Connection to Connection to Antenna A010
- P527 - Connection to LH Speaker A005
- P527 - Connection to RH Speaker A005
- P528 - Connection to X1
- P529 - Connection to X4
- P530 - Connection to Internal light E12
- P531 - Connection to Front work lights switch S92A
- P532 - Connection to Rear work light switch S92B
- P537 - Connection to Connection to Maxi Fuse 70A P537
- P615 - Connection to Carter courtesy light E999
- P616 - Connection to Carter courtesy light E999

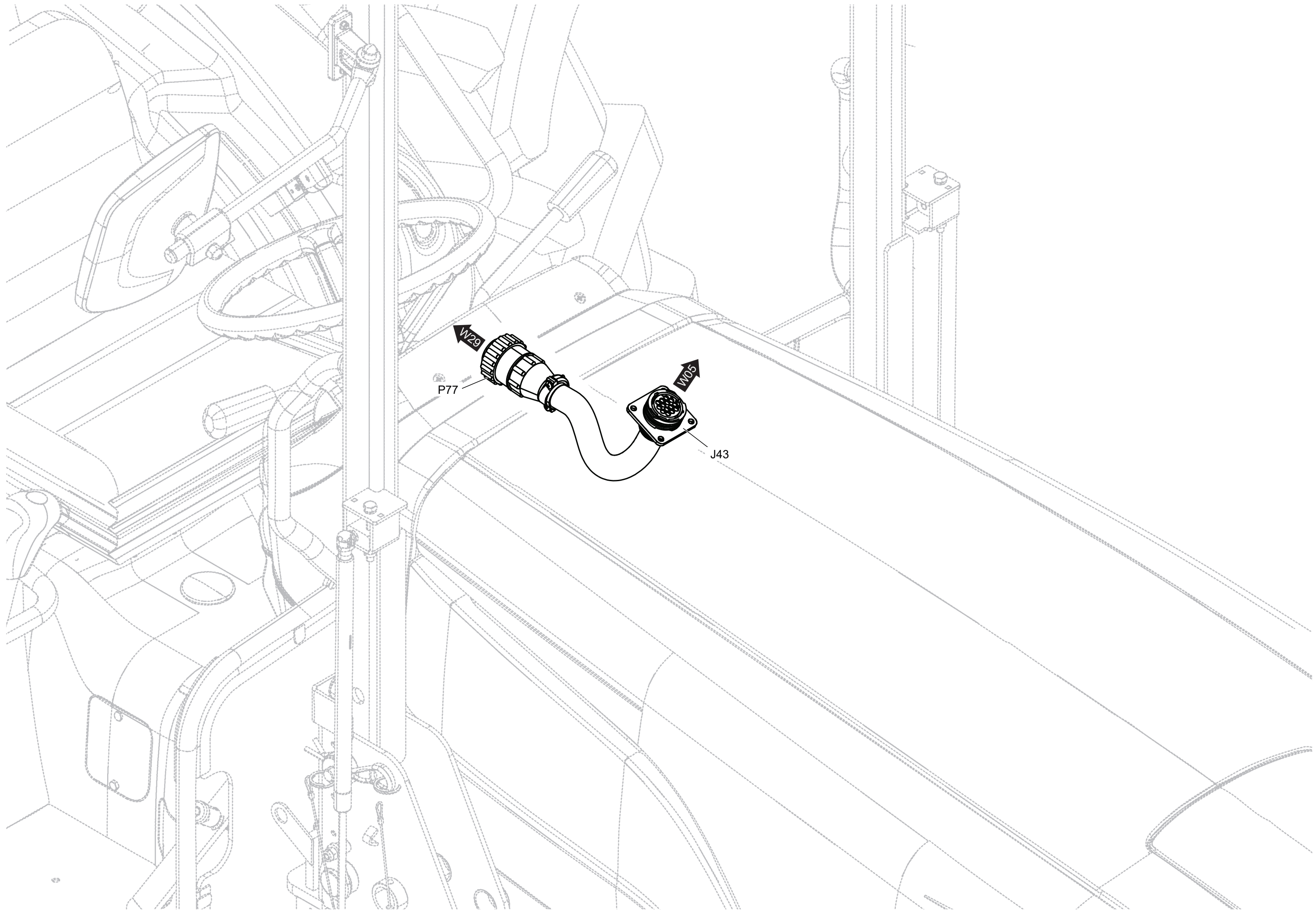


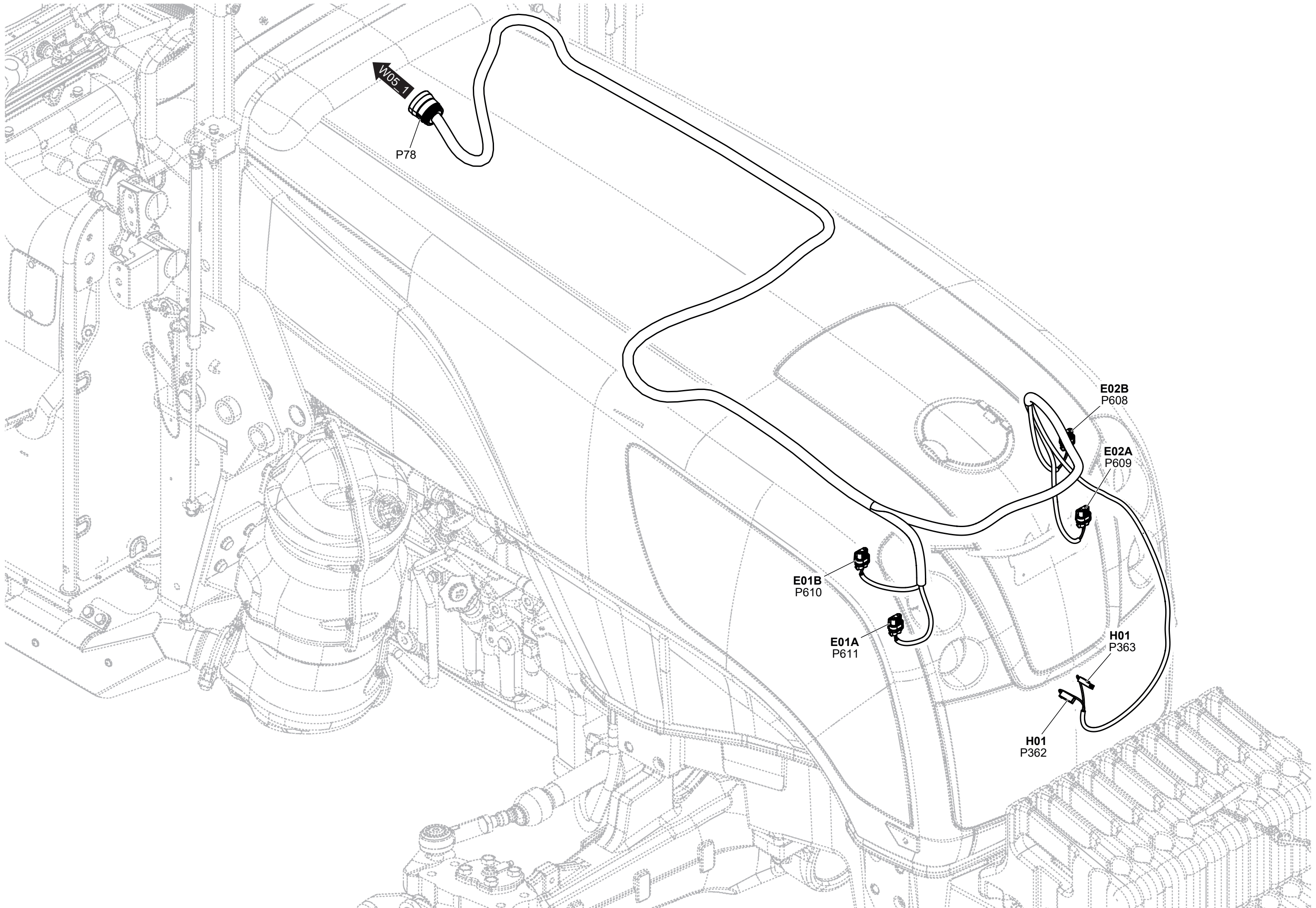


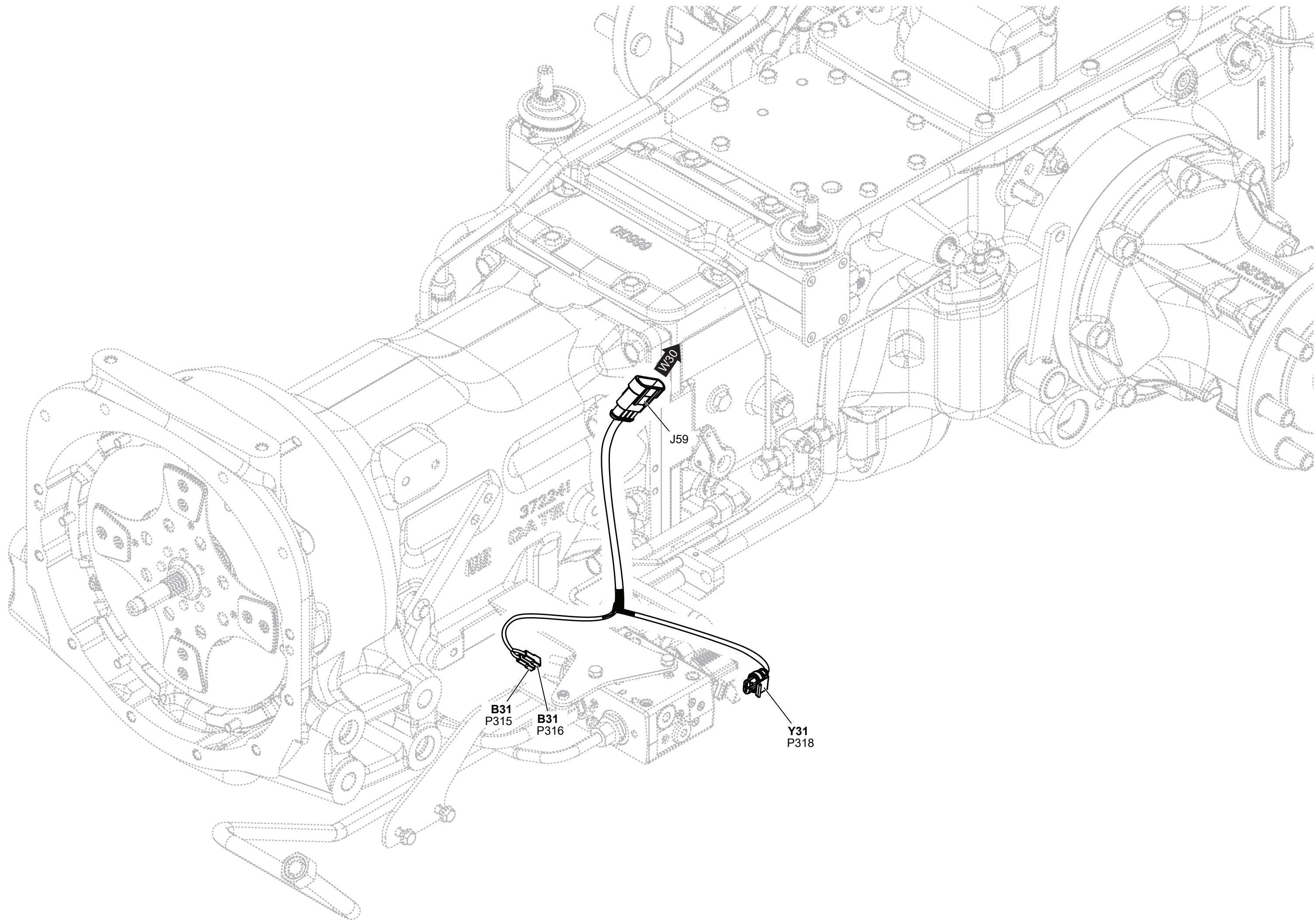


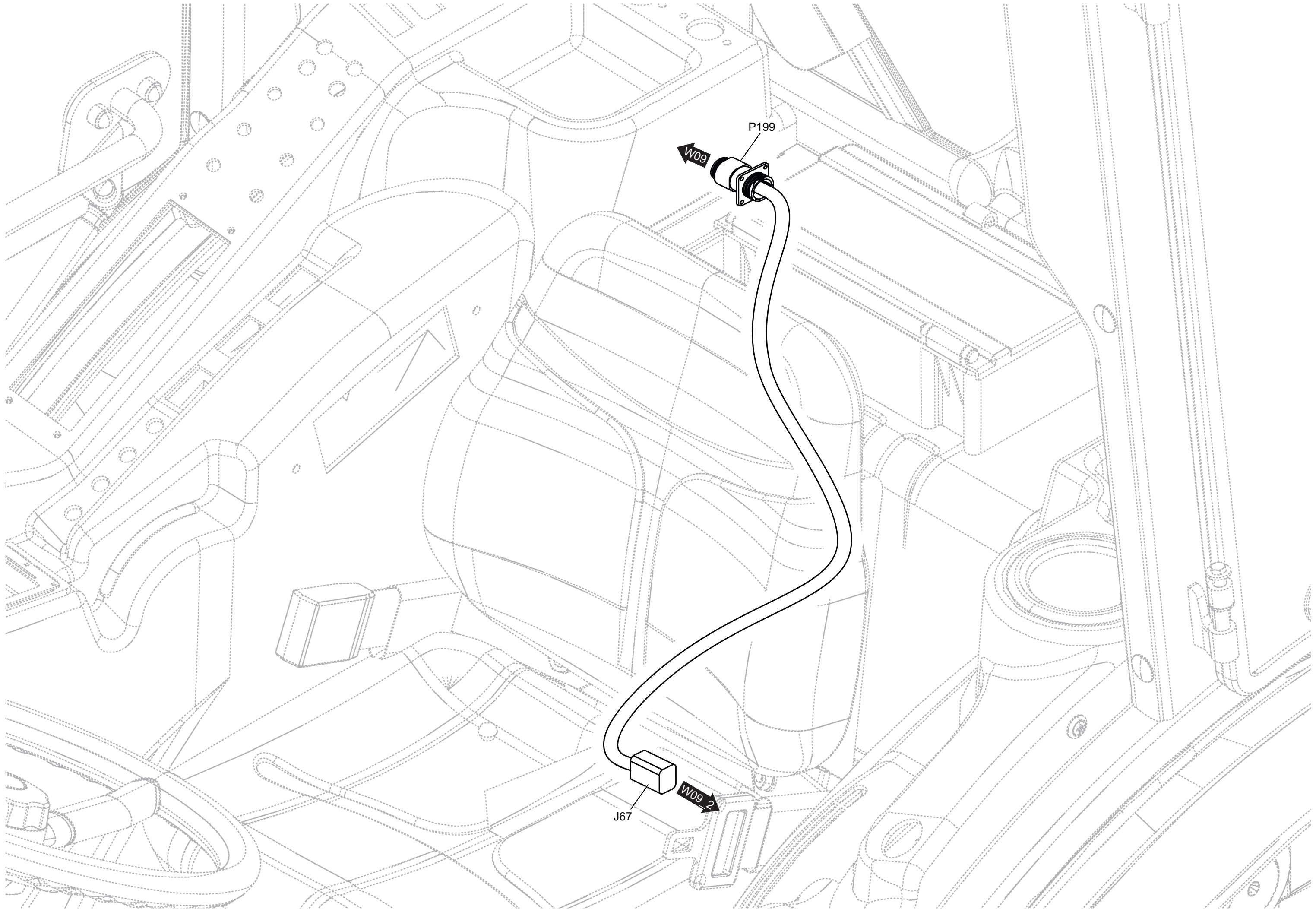


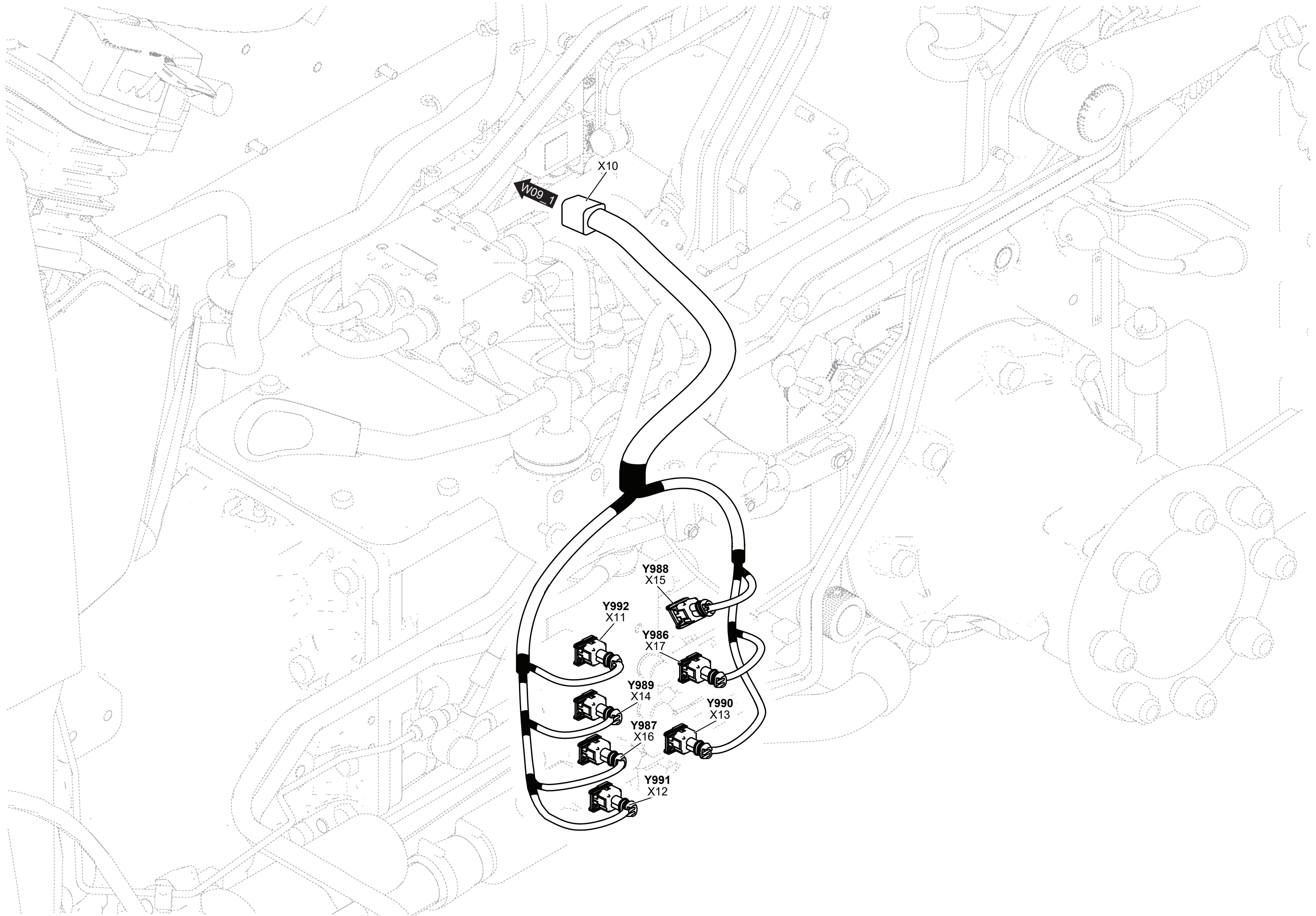


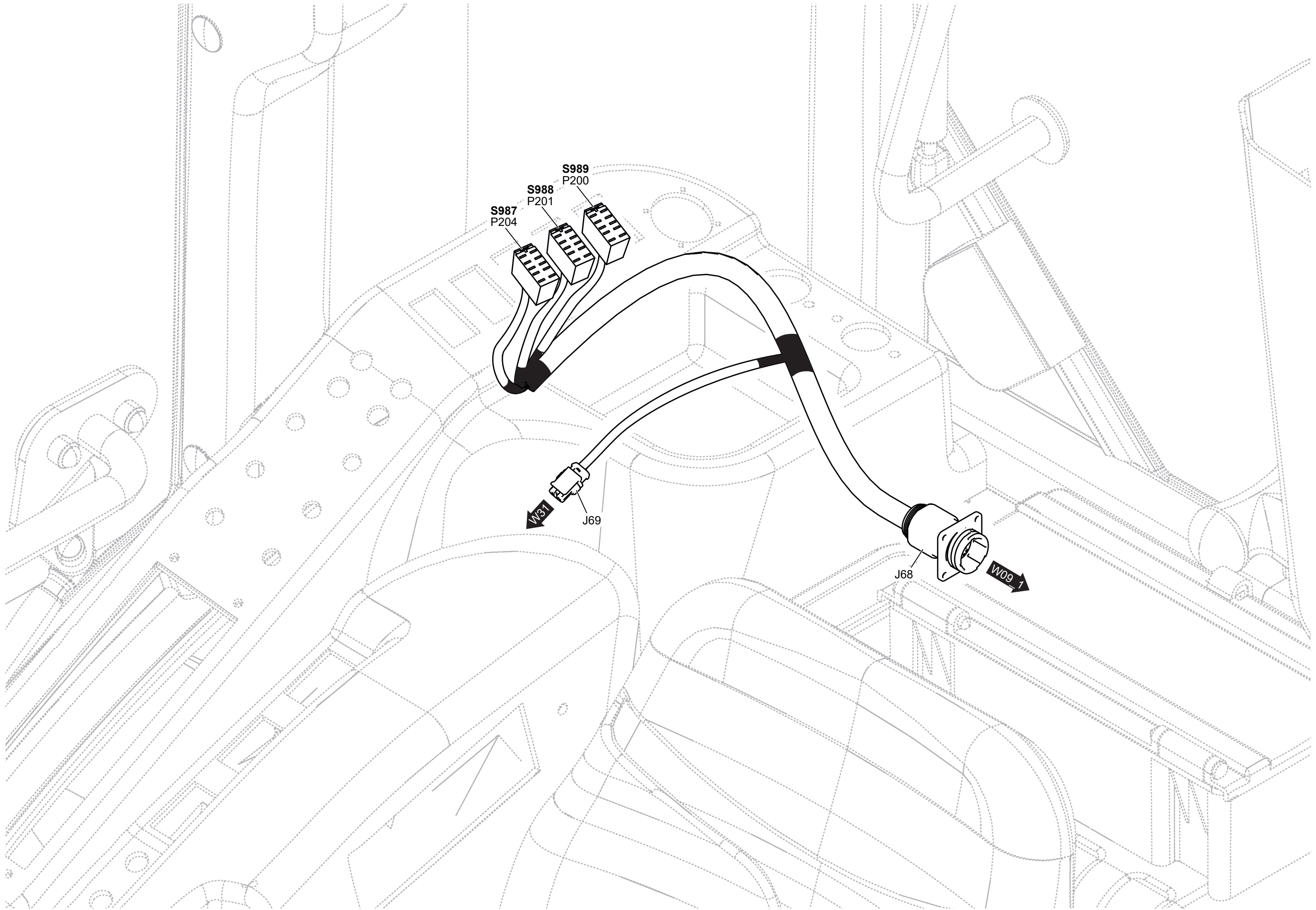


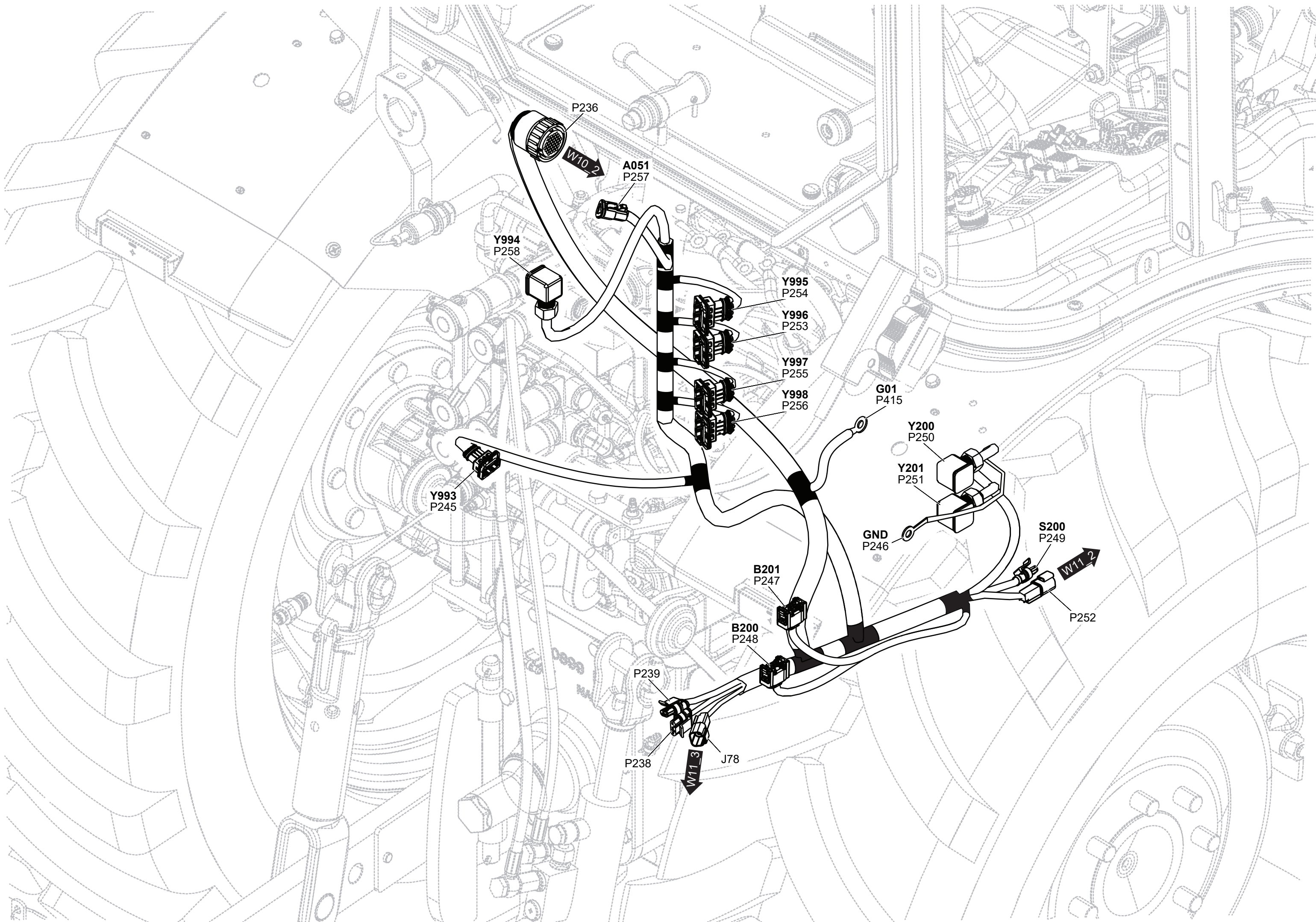


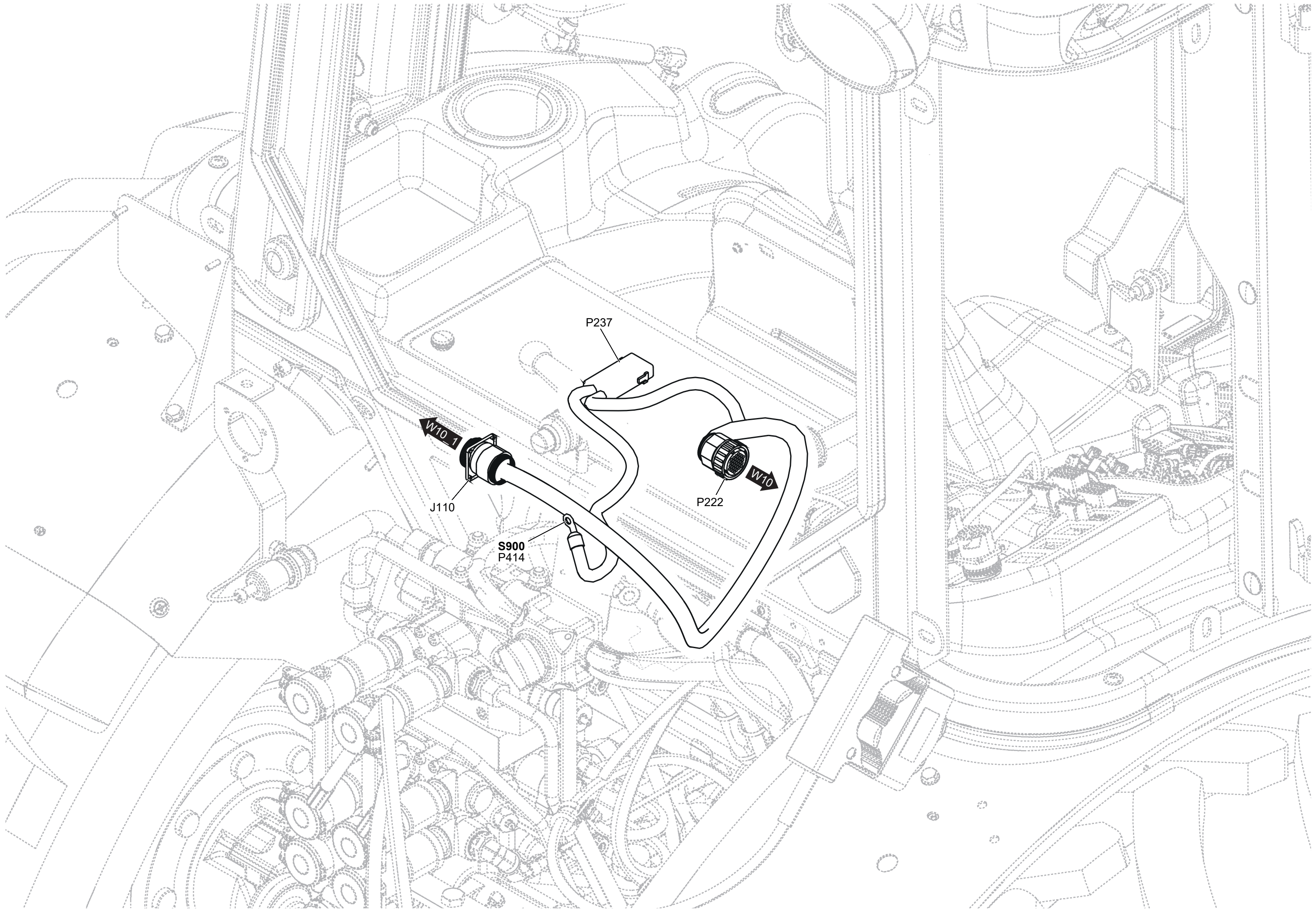


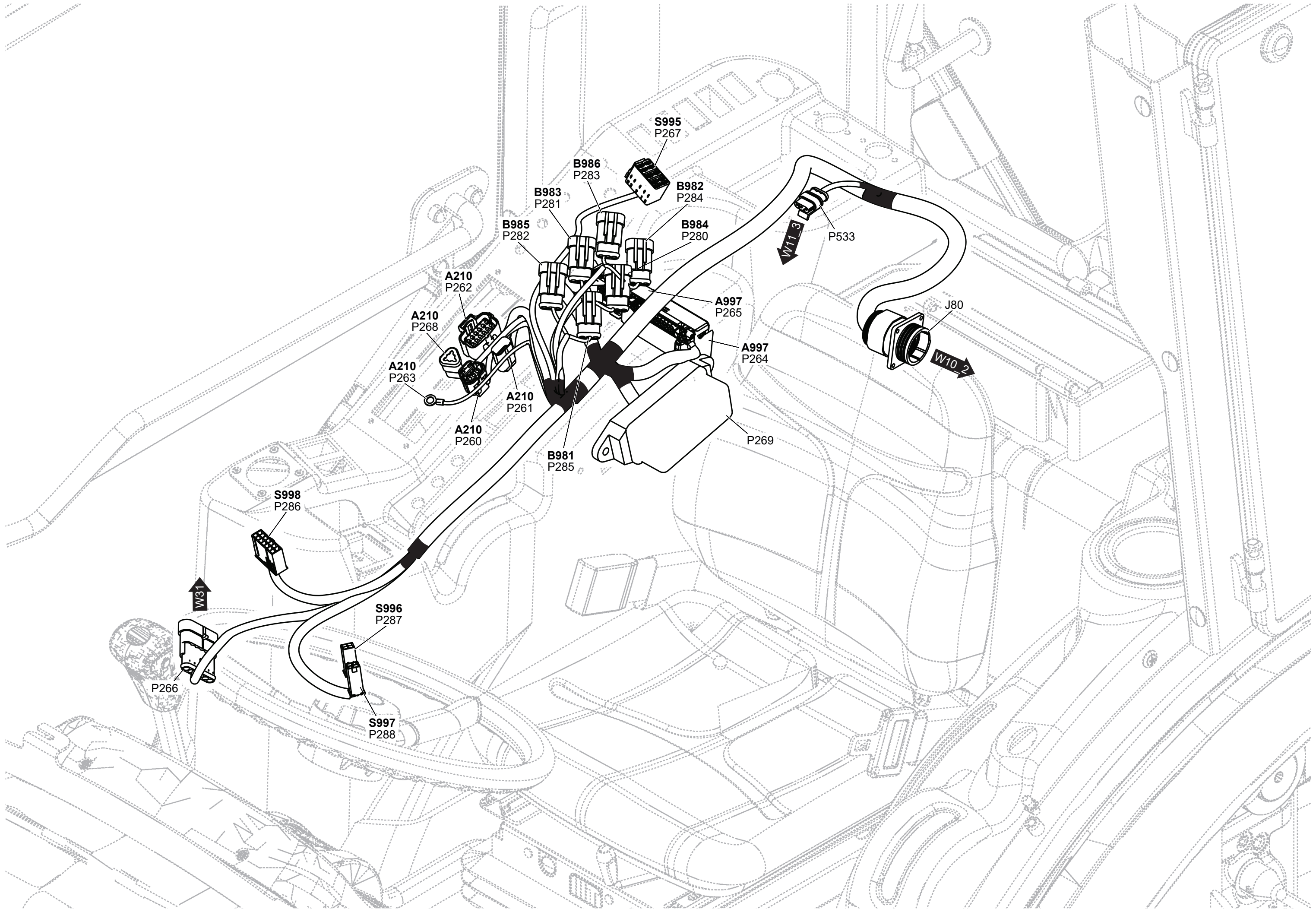


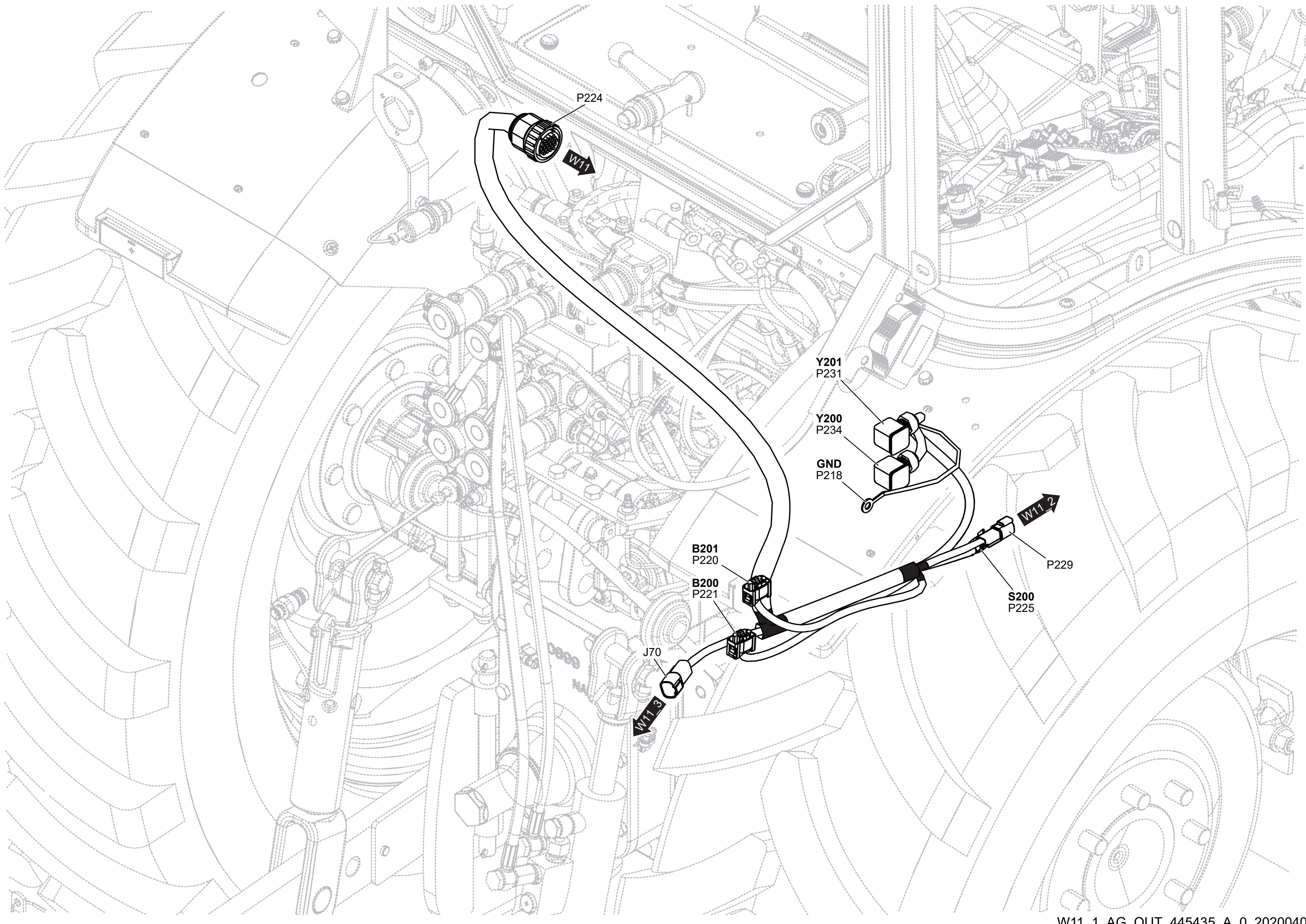


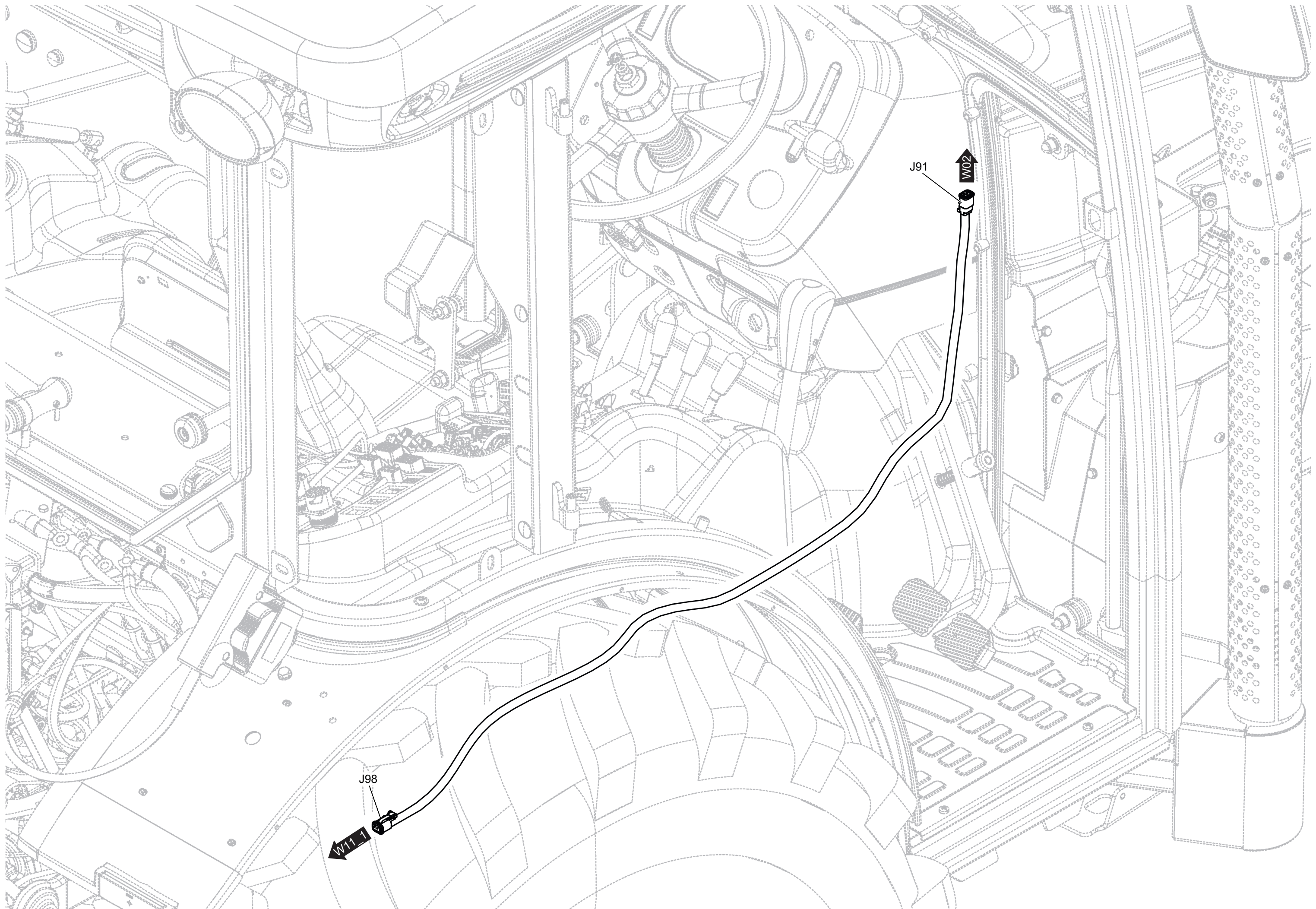


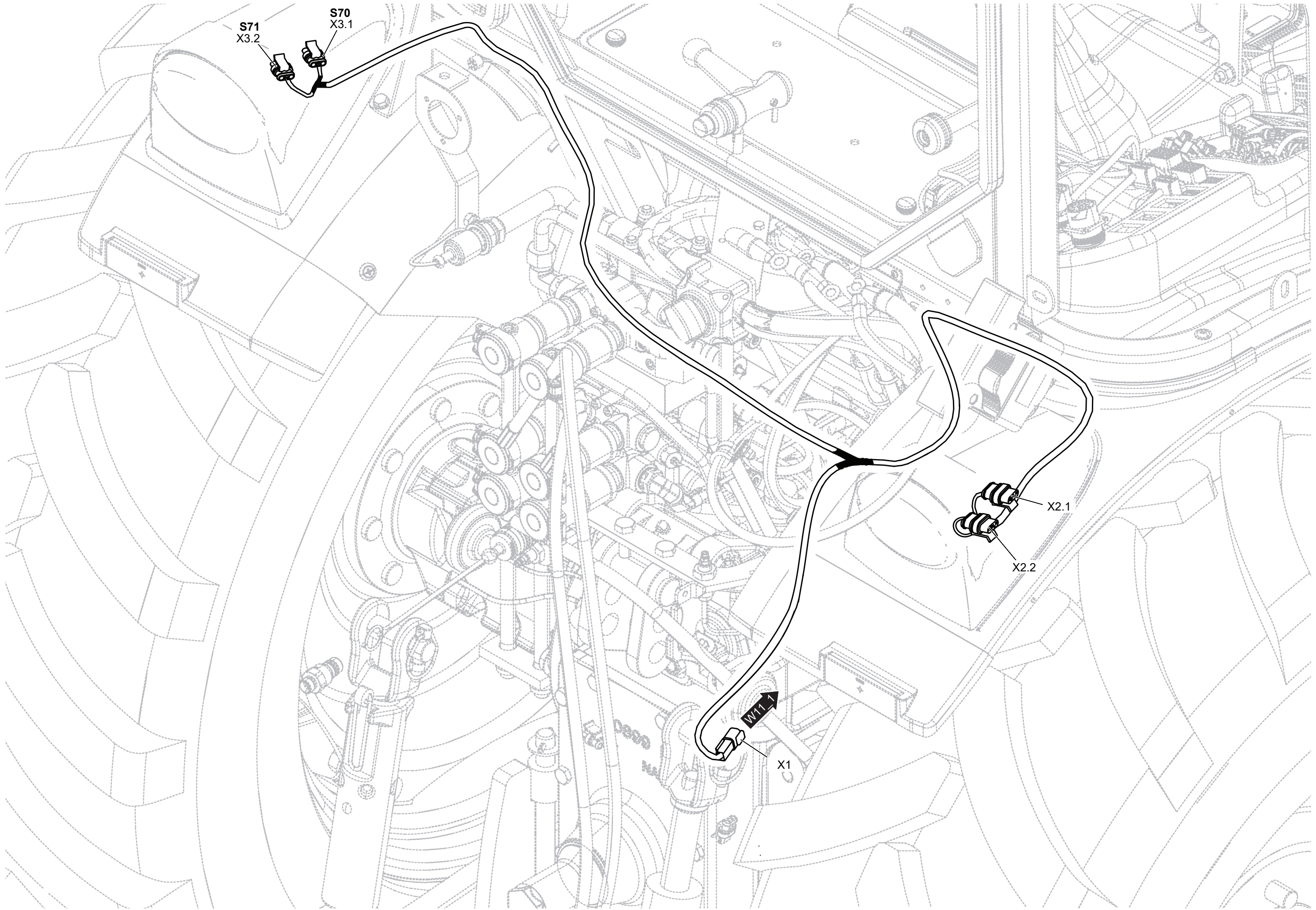


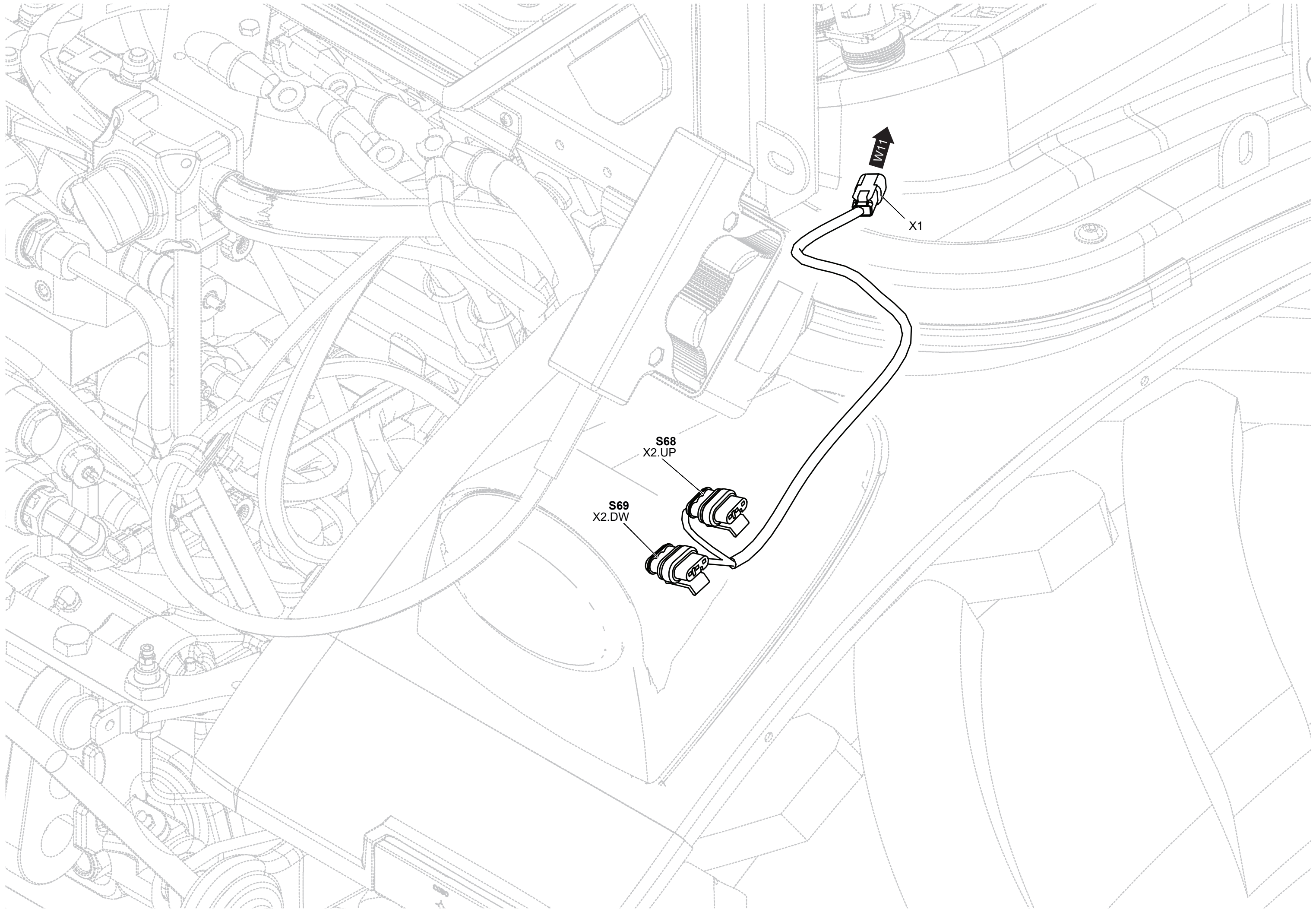


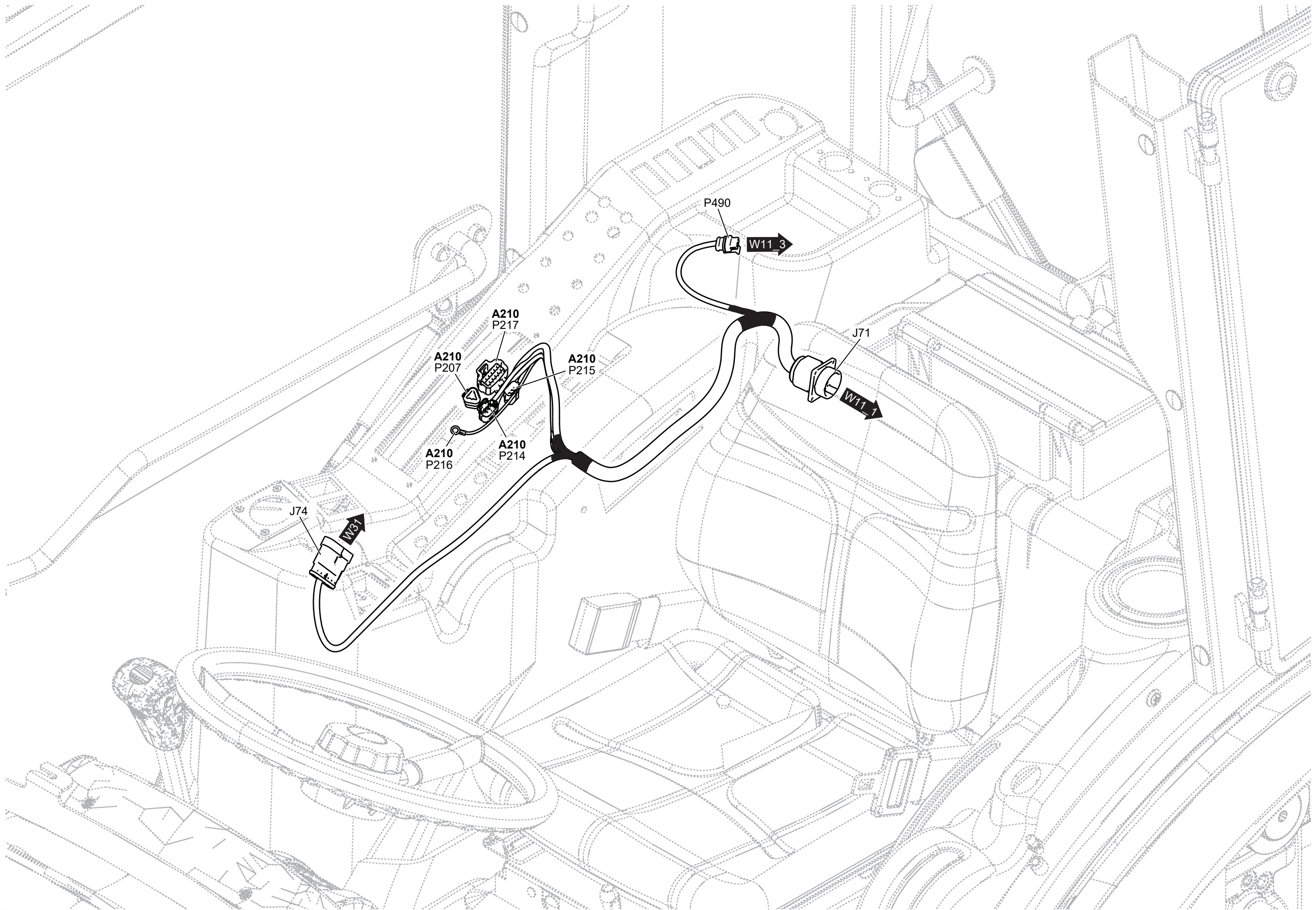


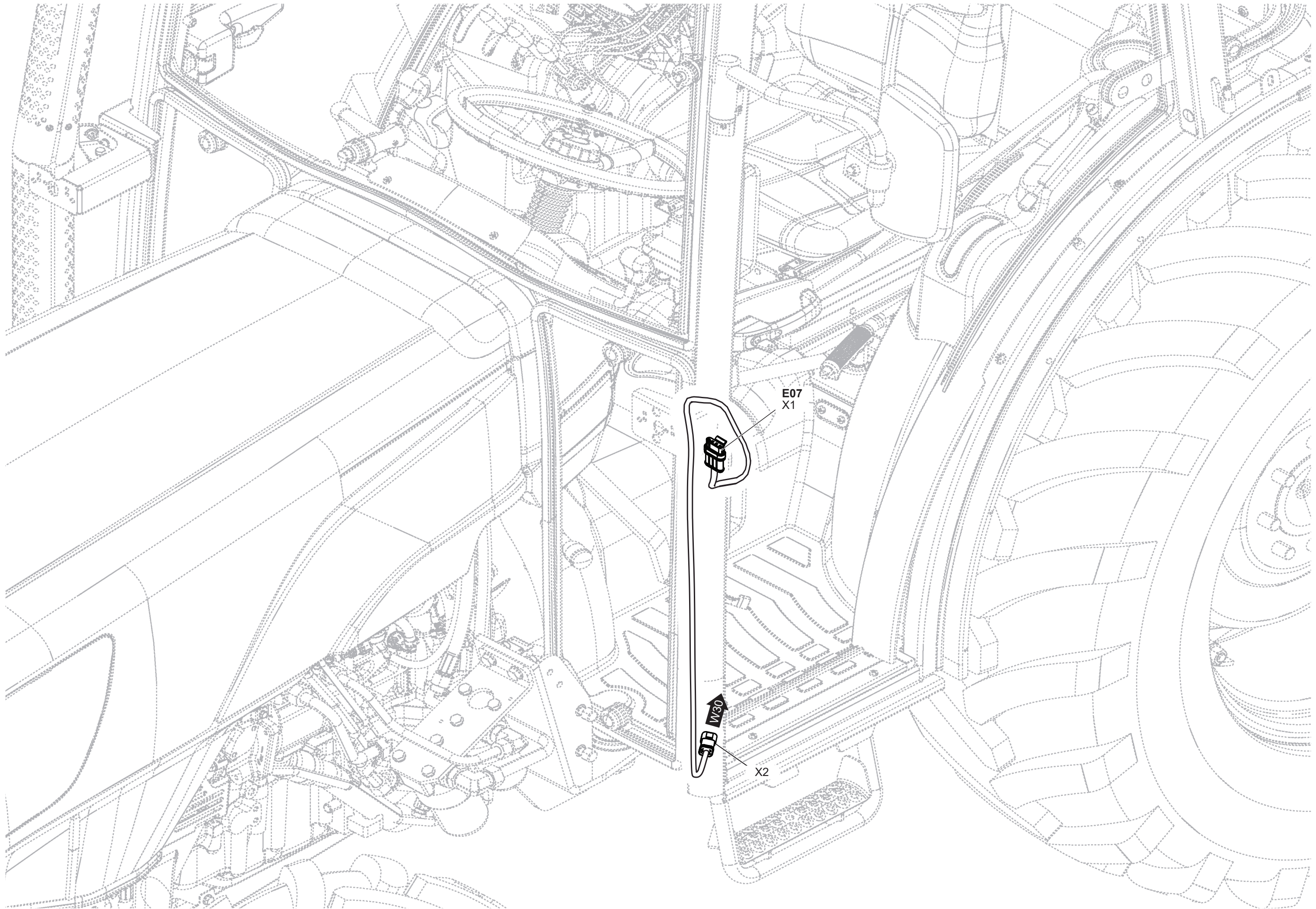


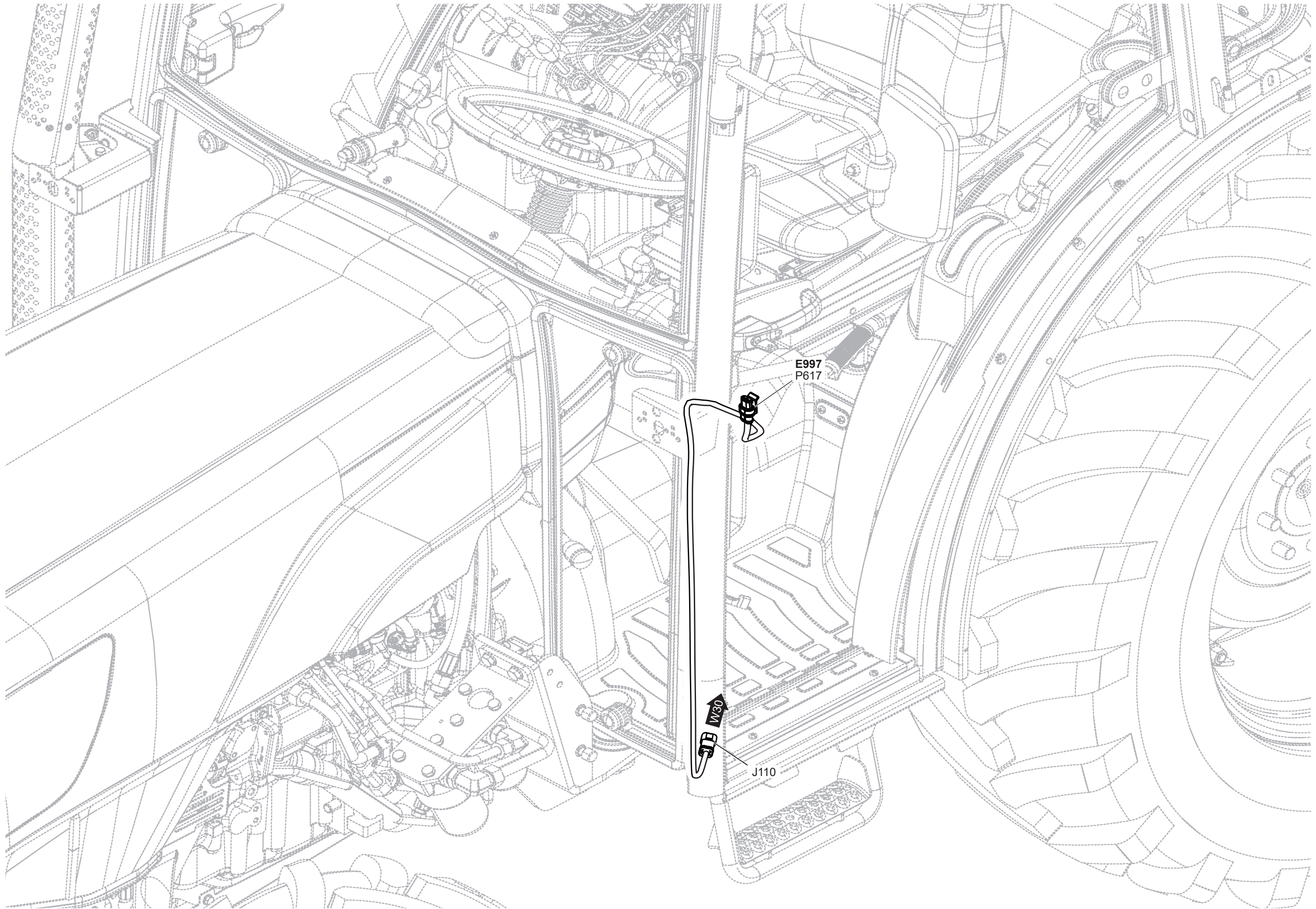


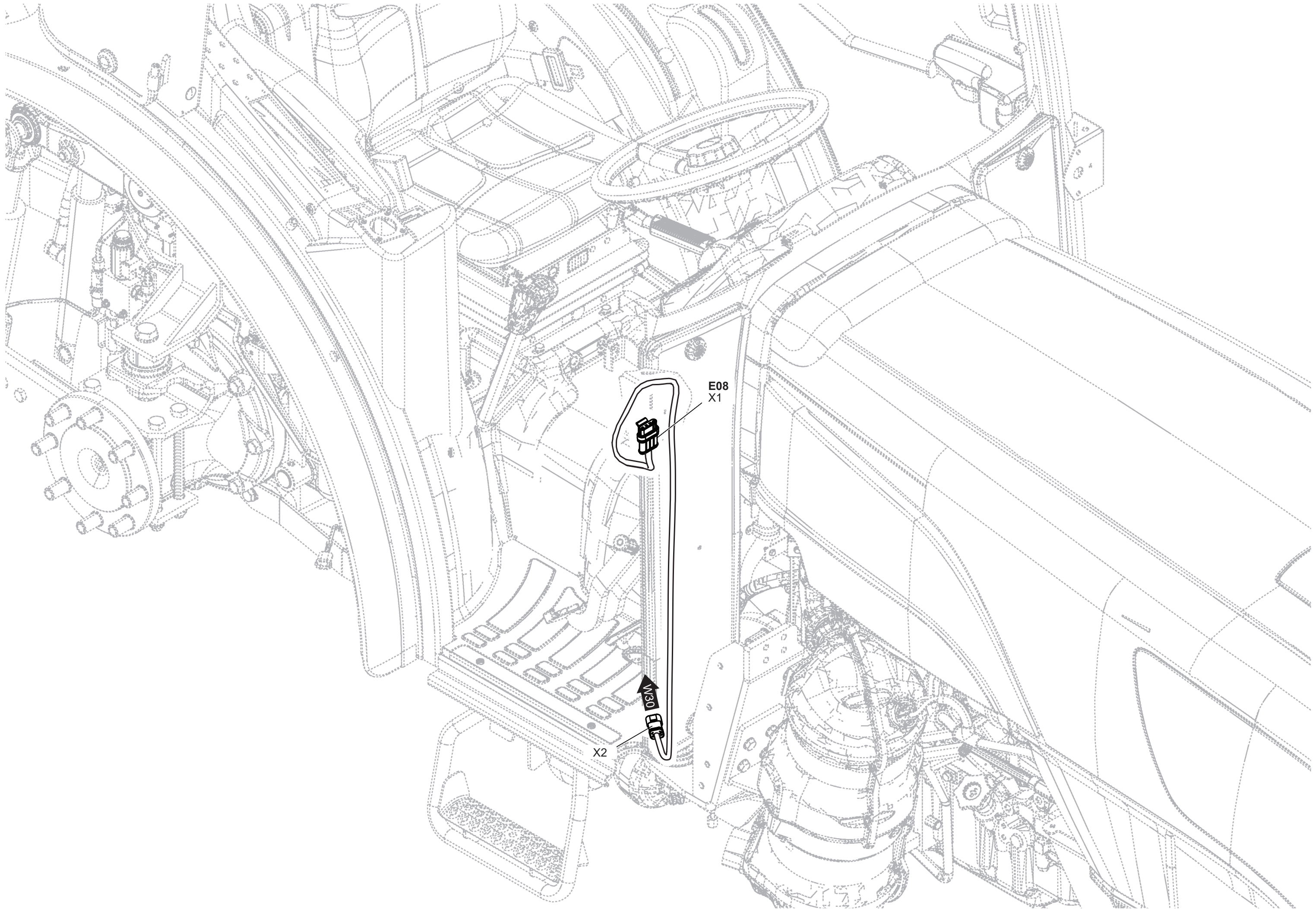


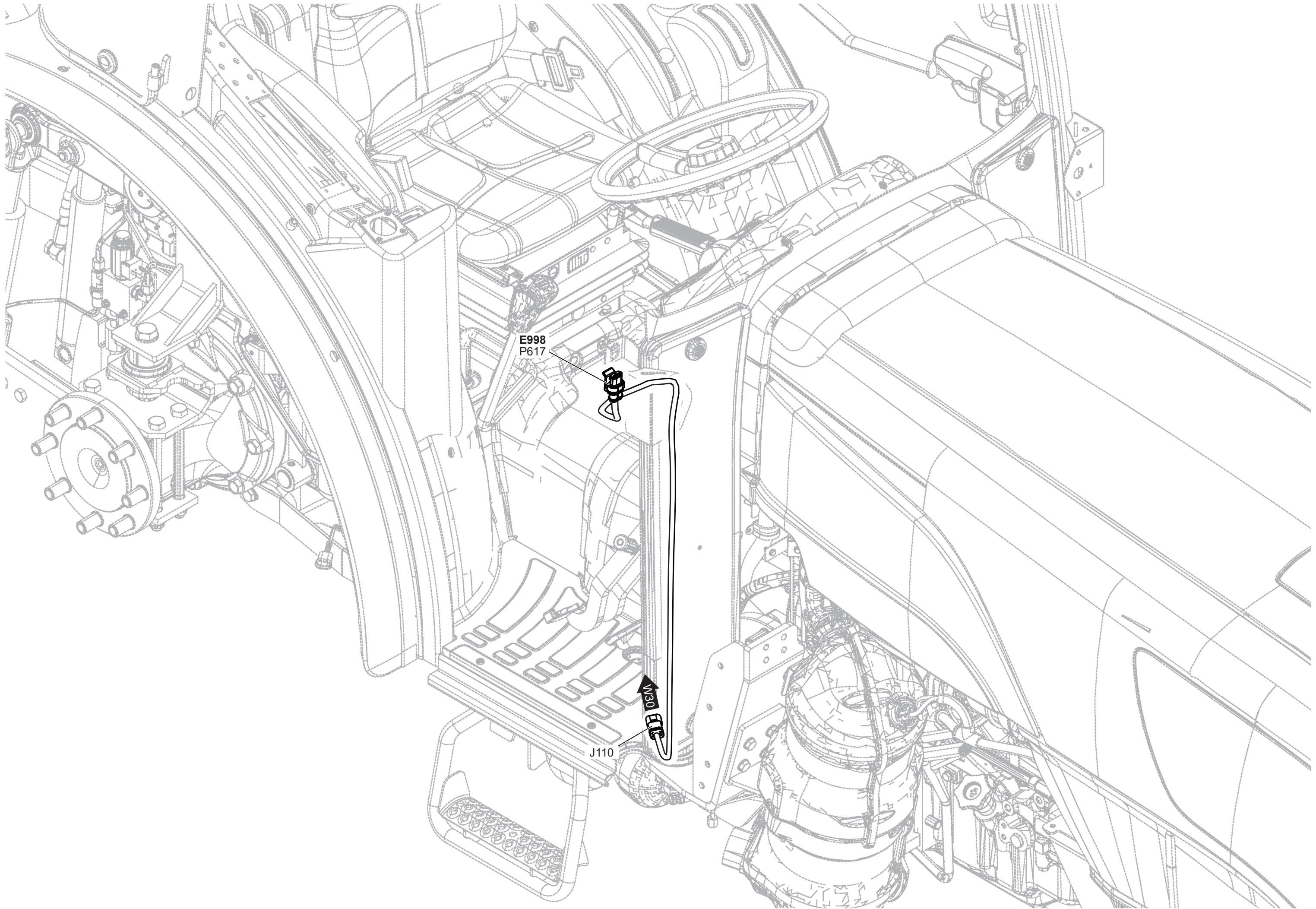


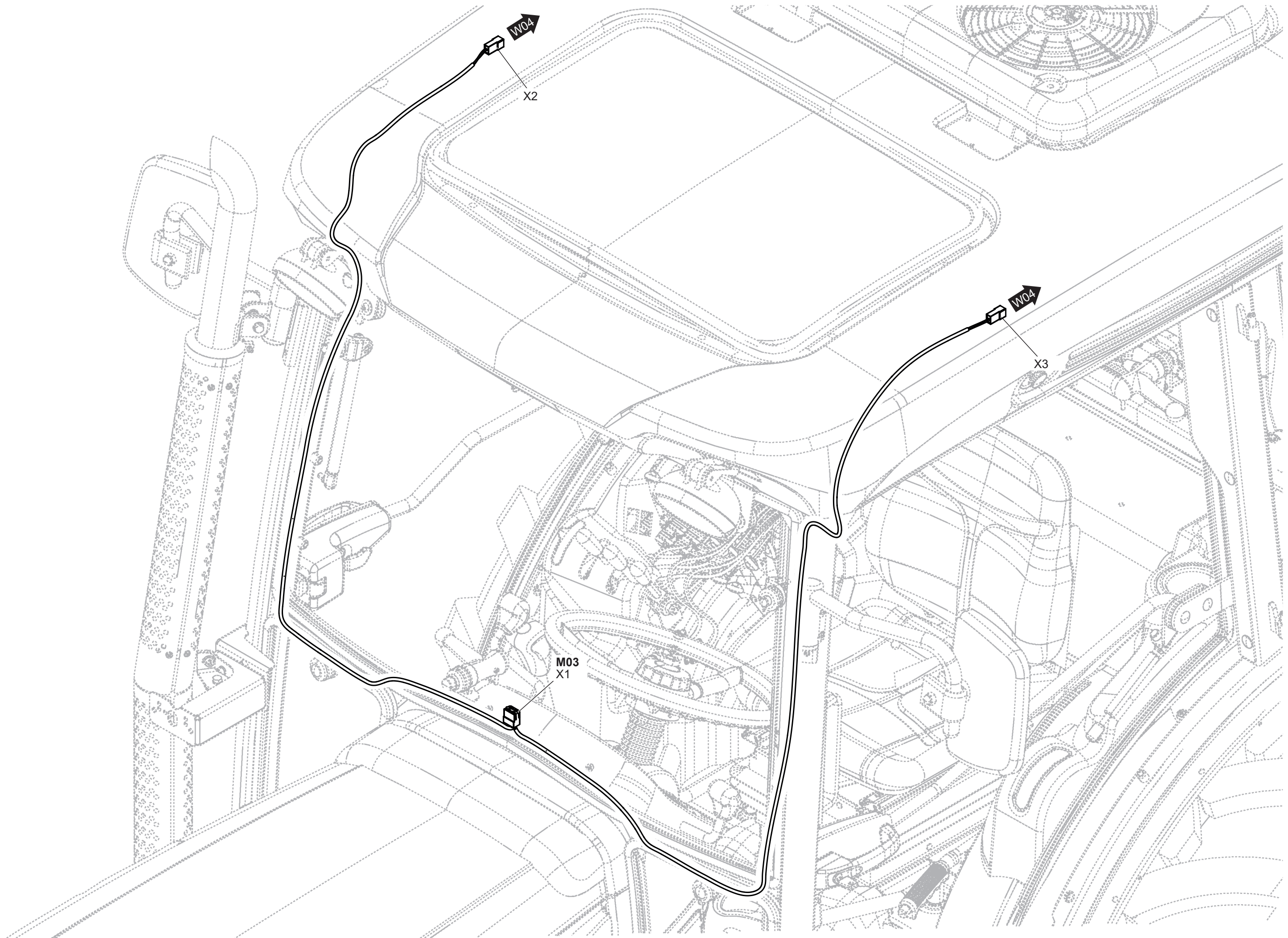


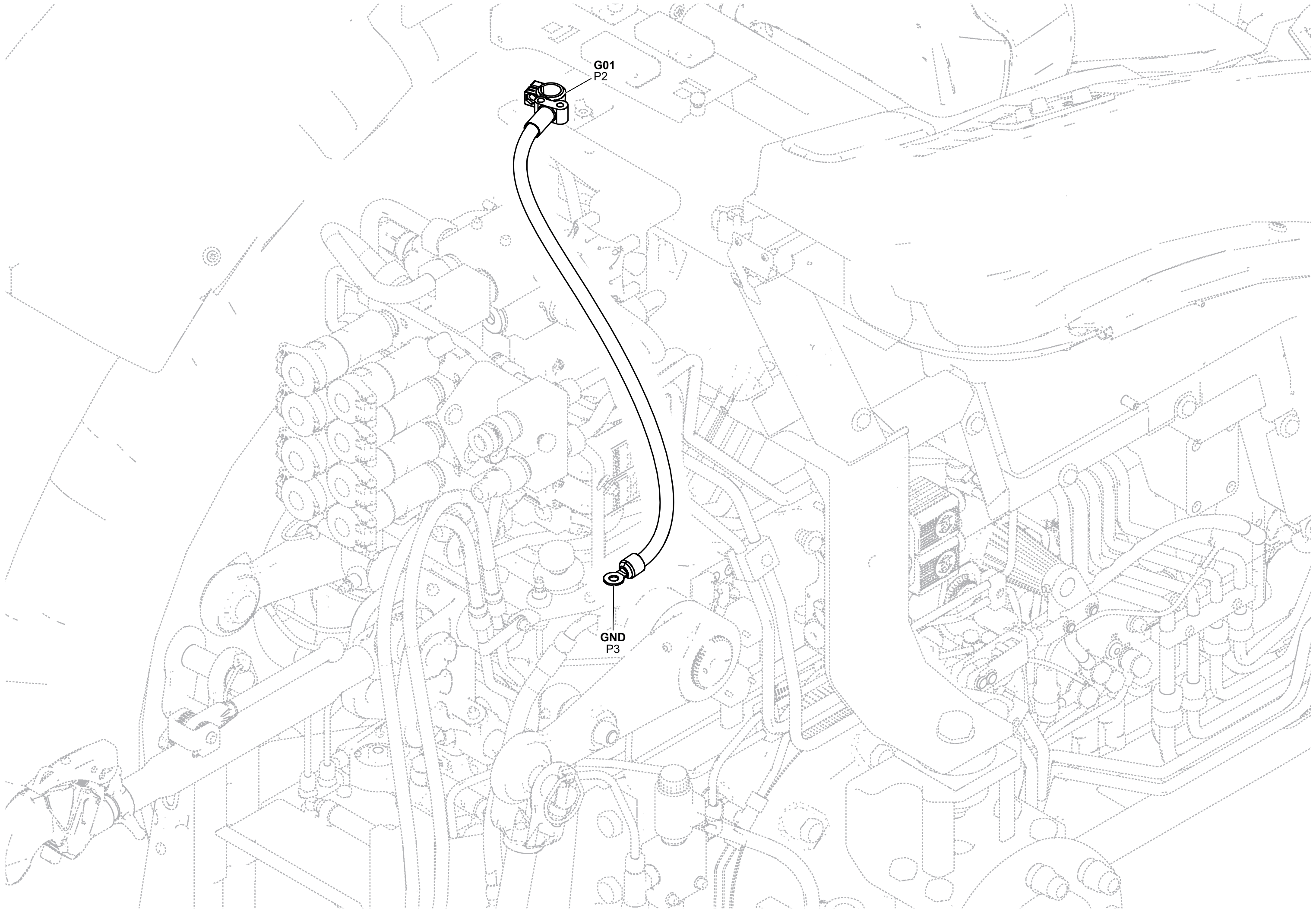






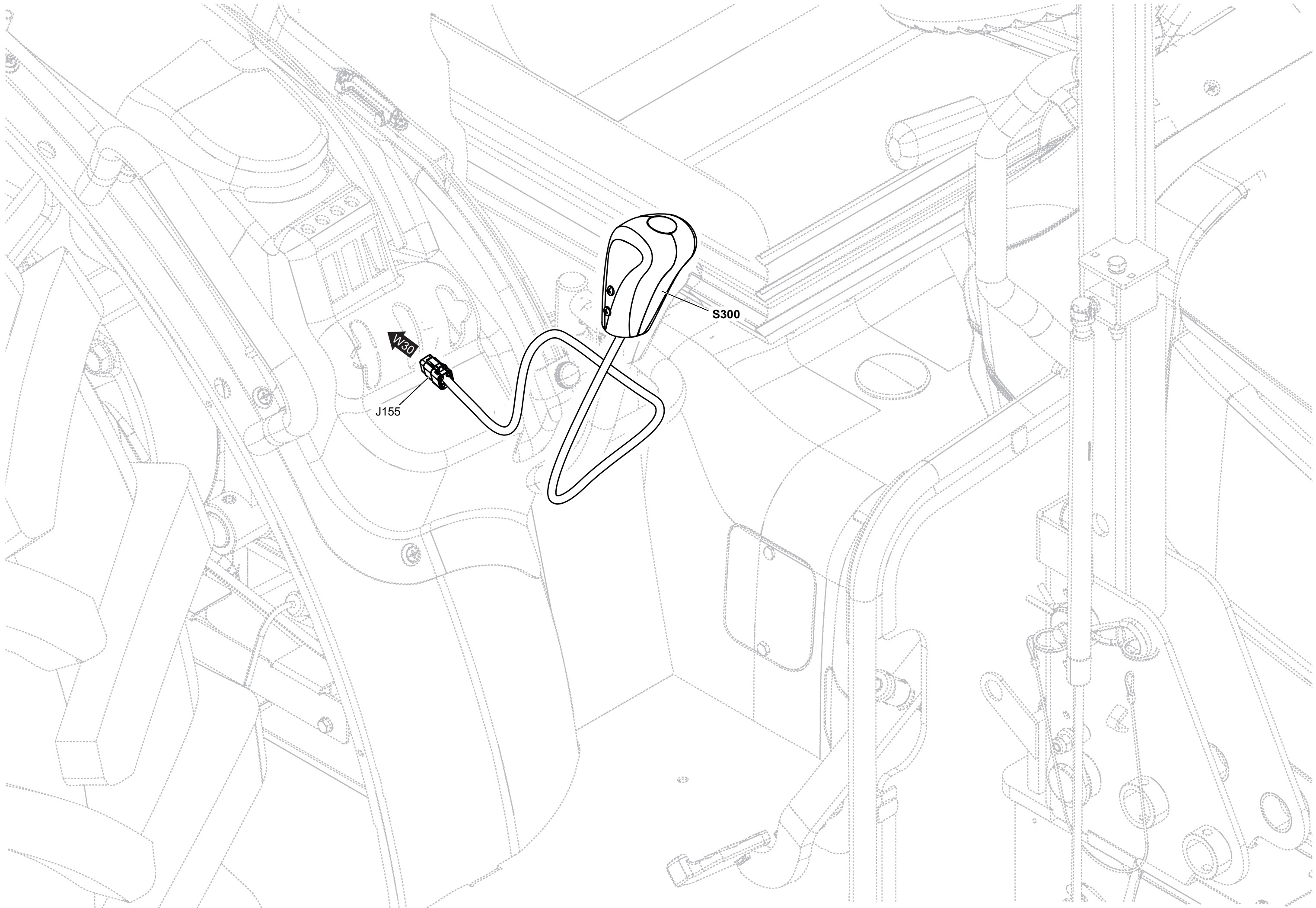


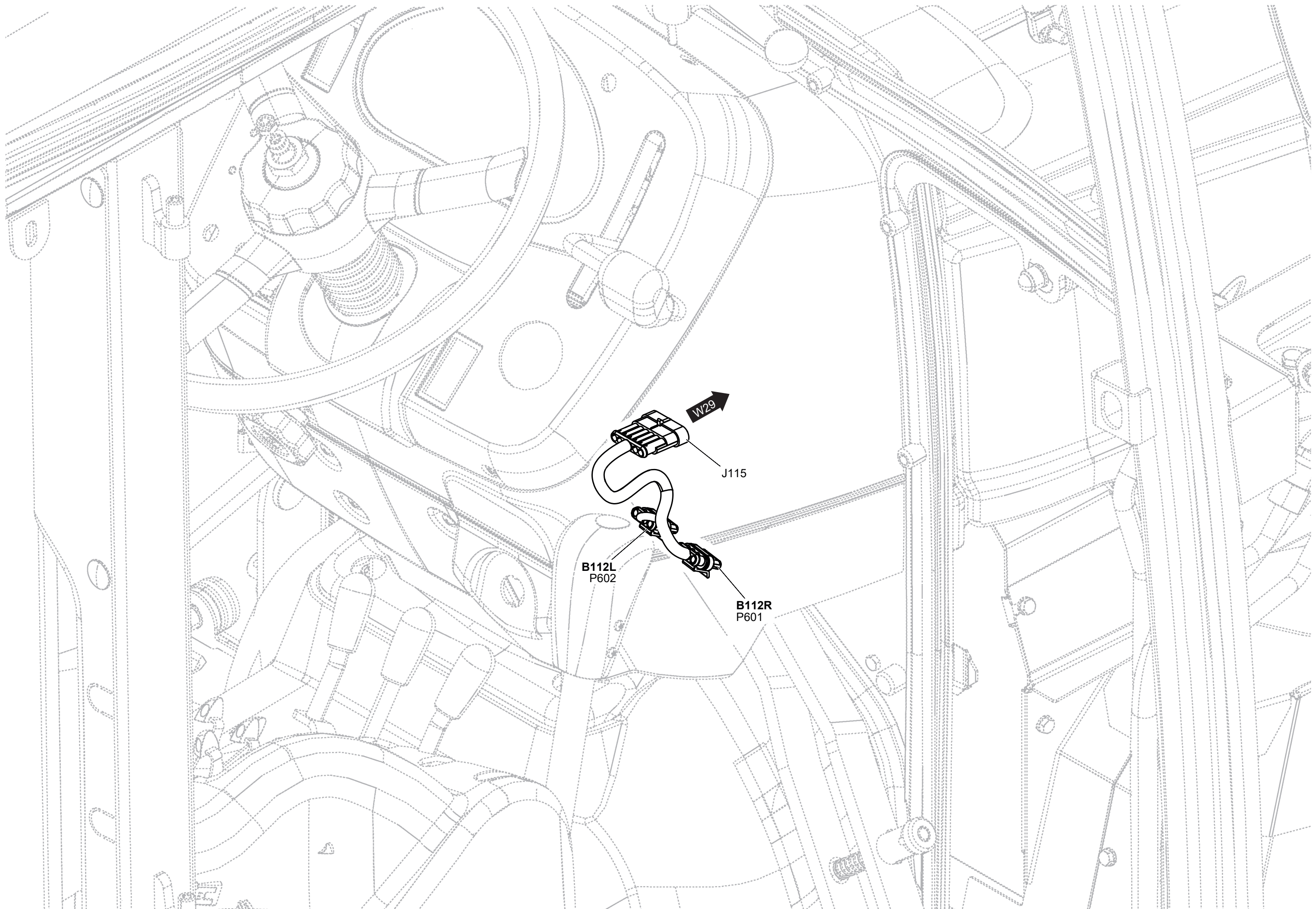


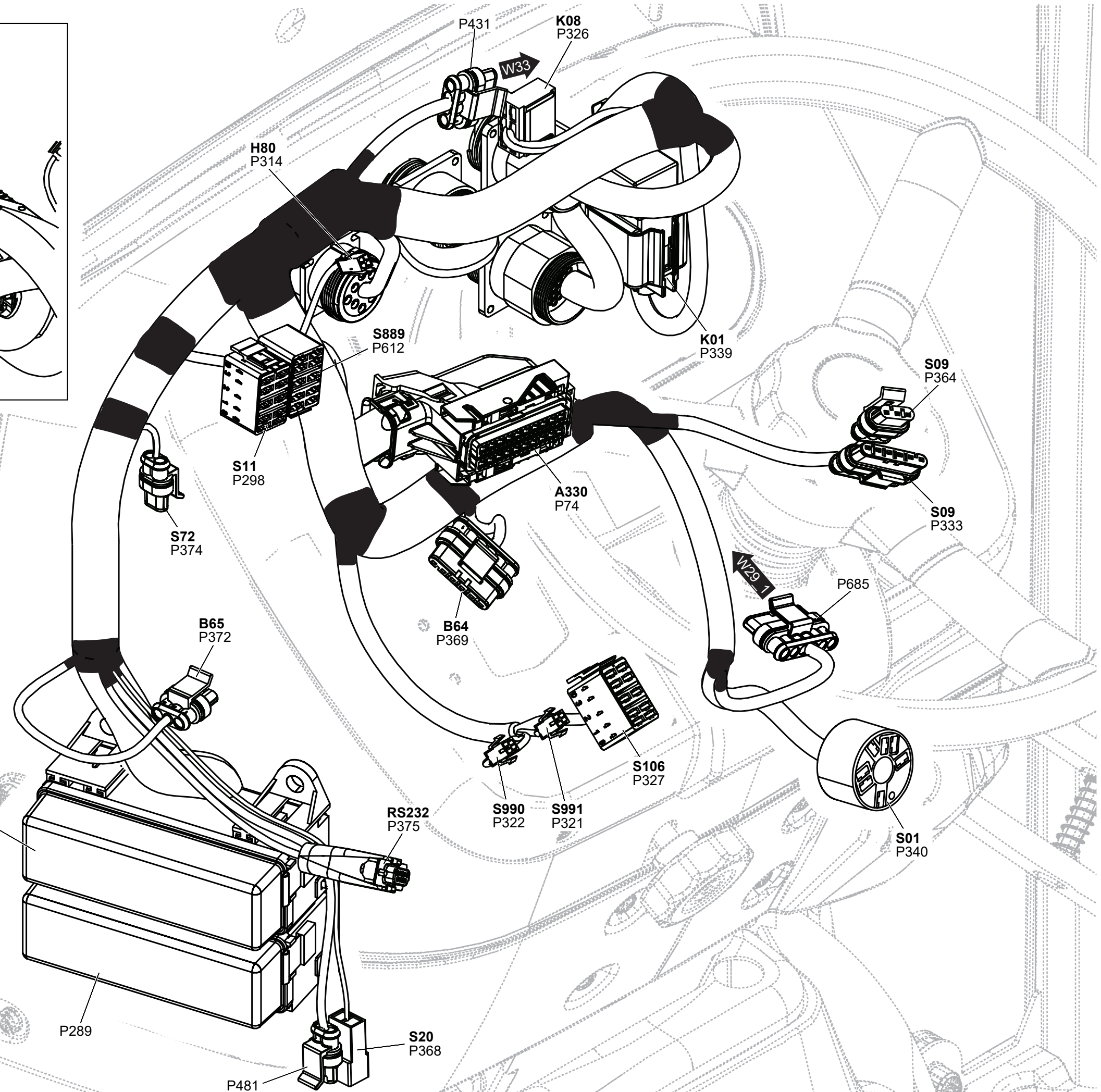
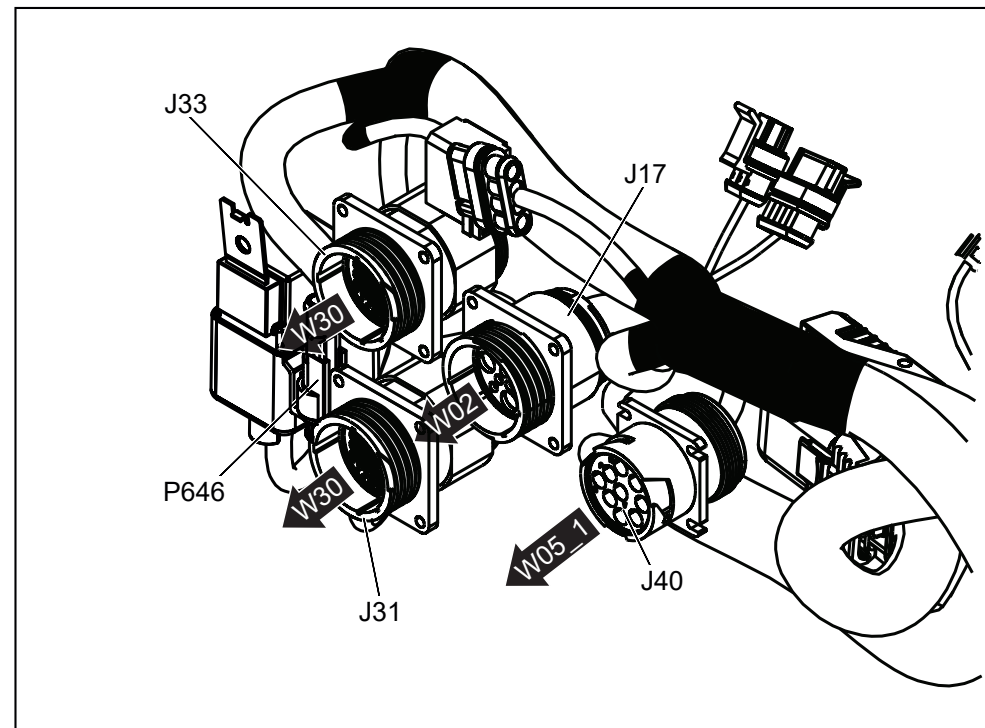


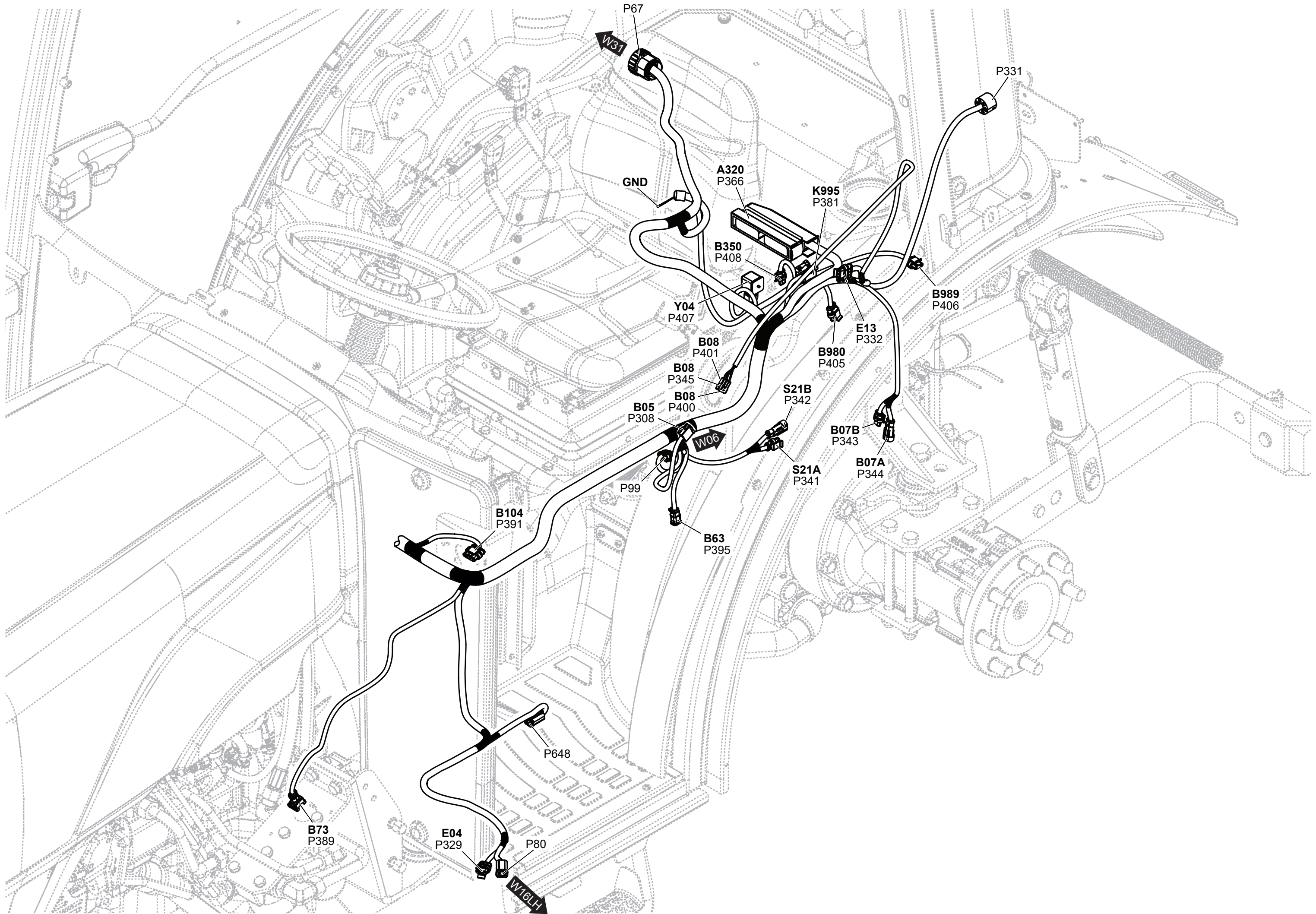
G01
P2

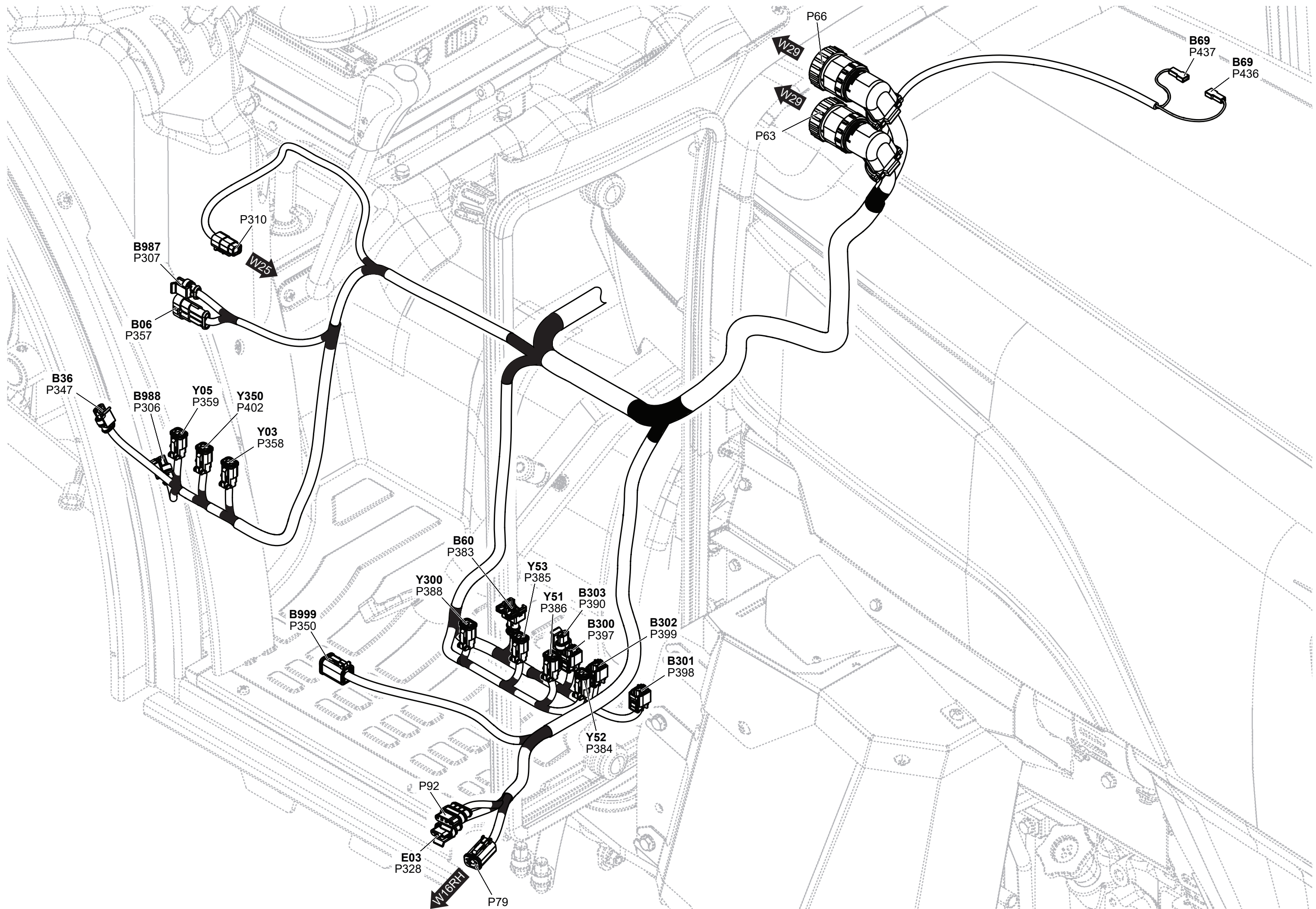
GND
P3

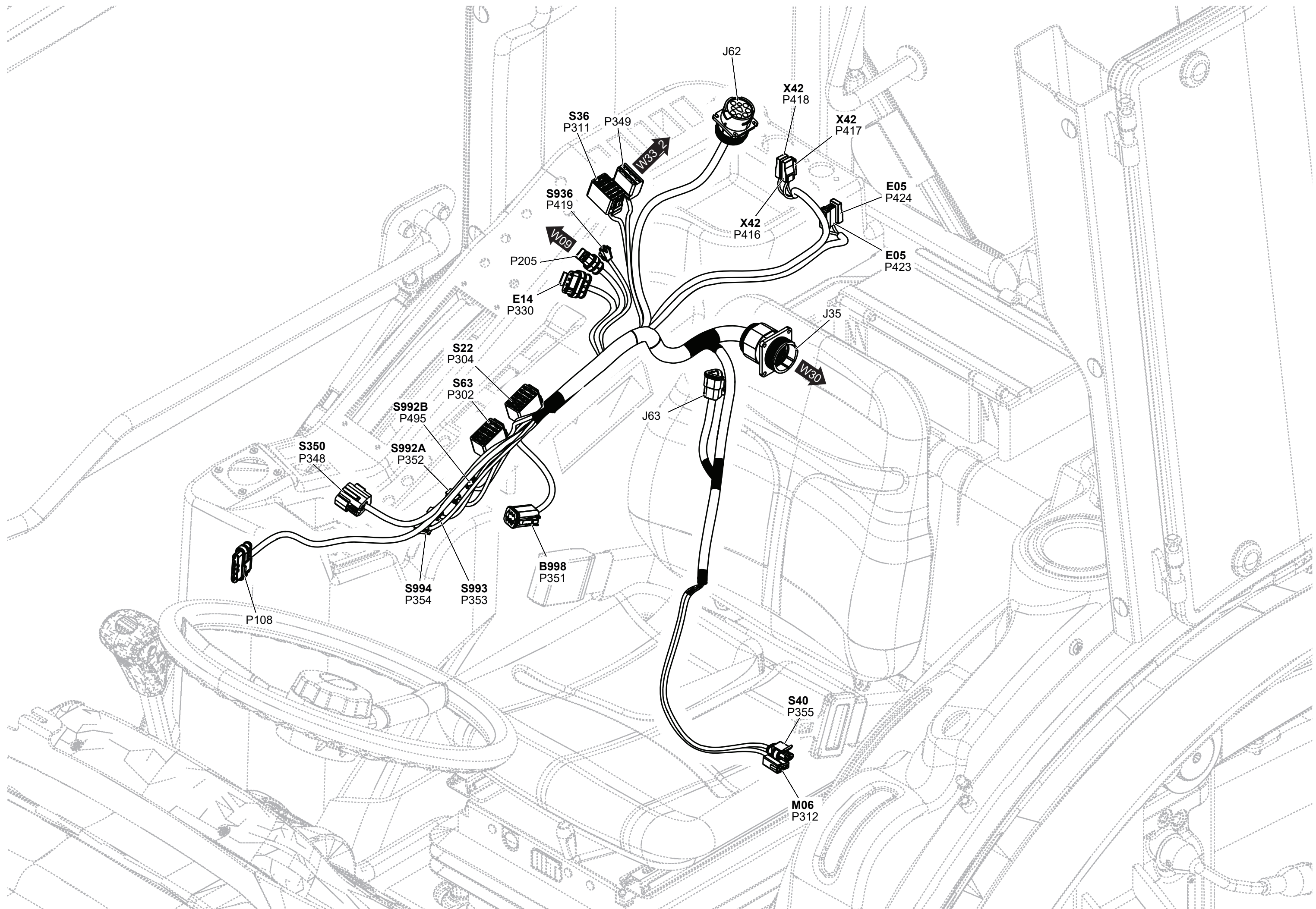


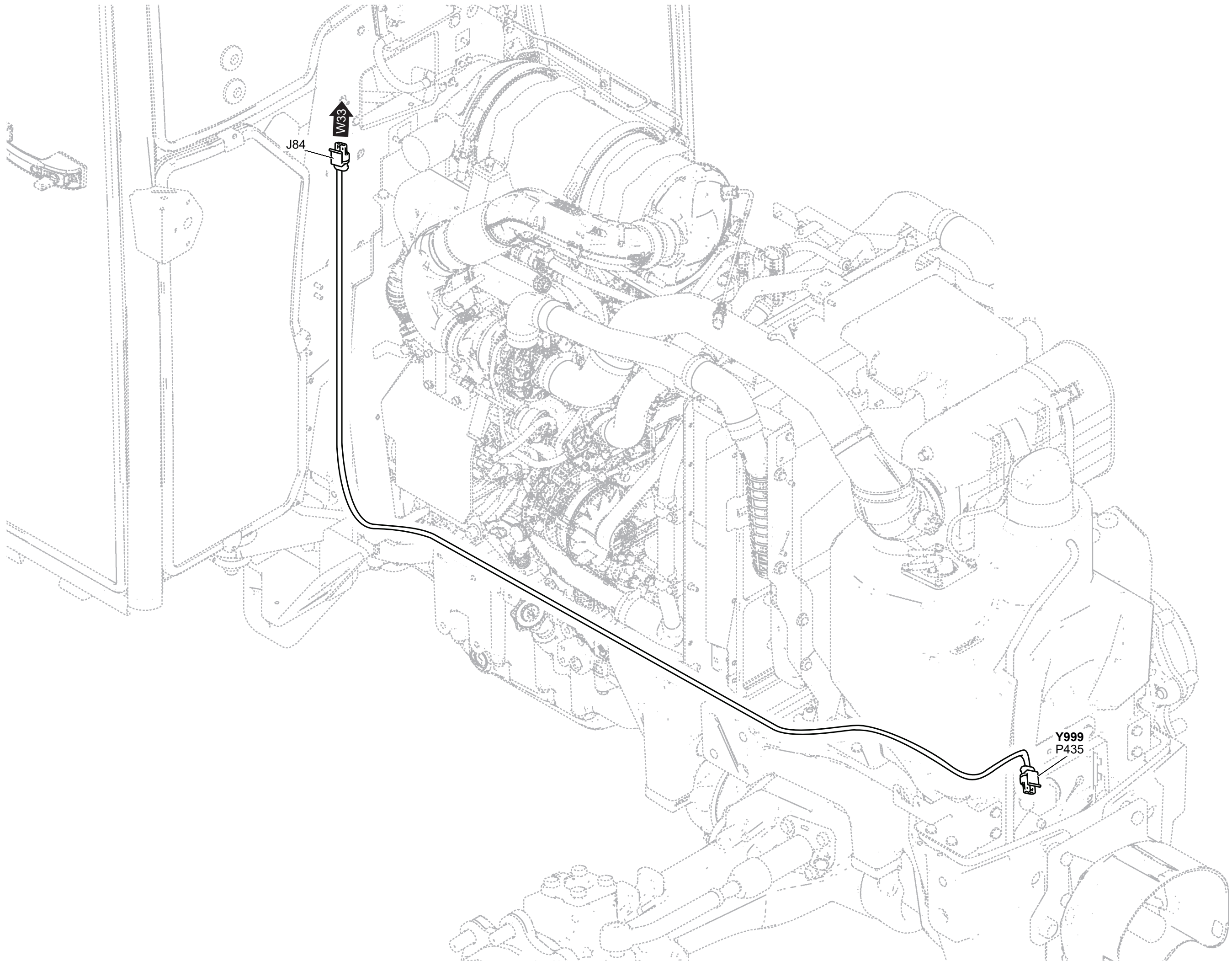


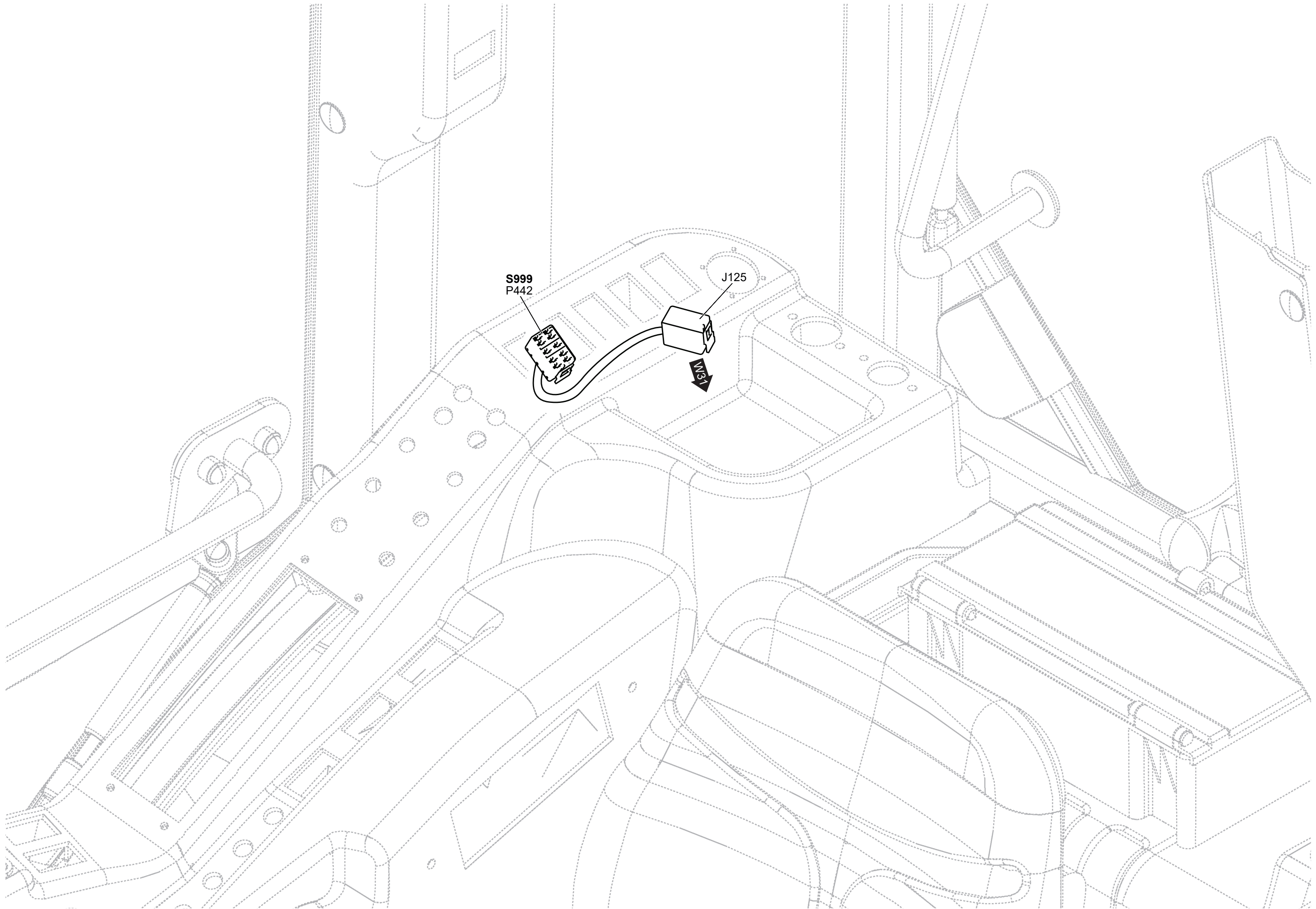


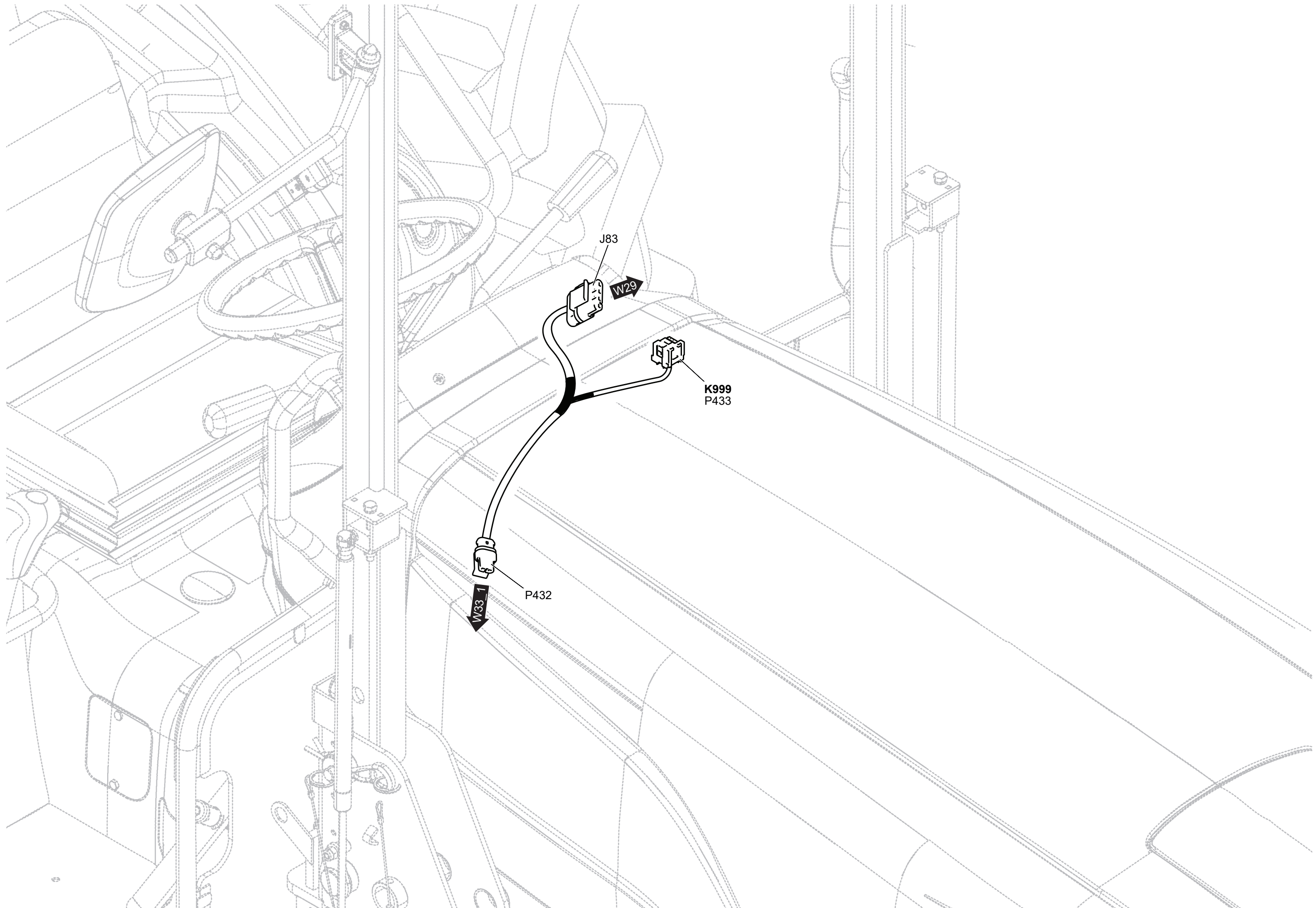


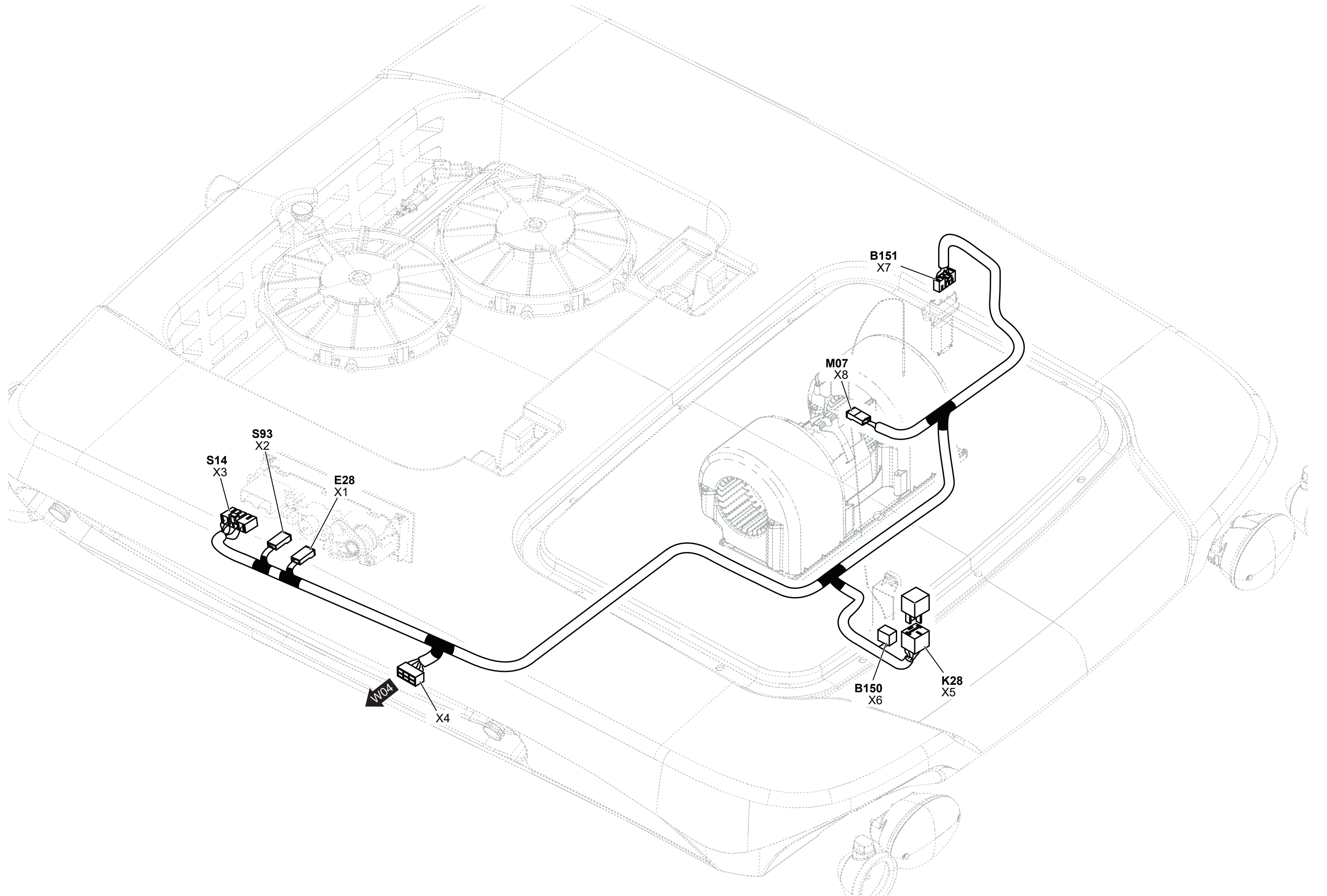


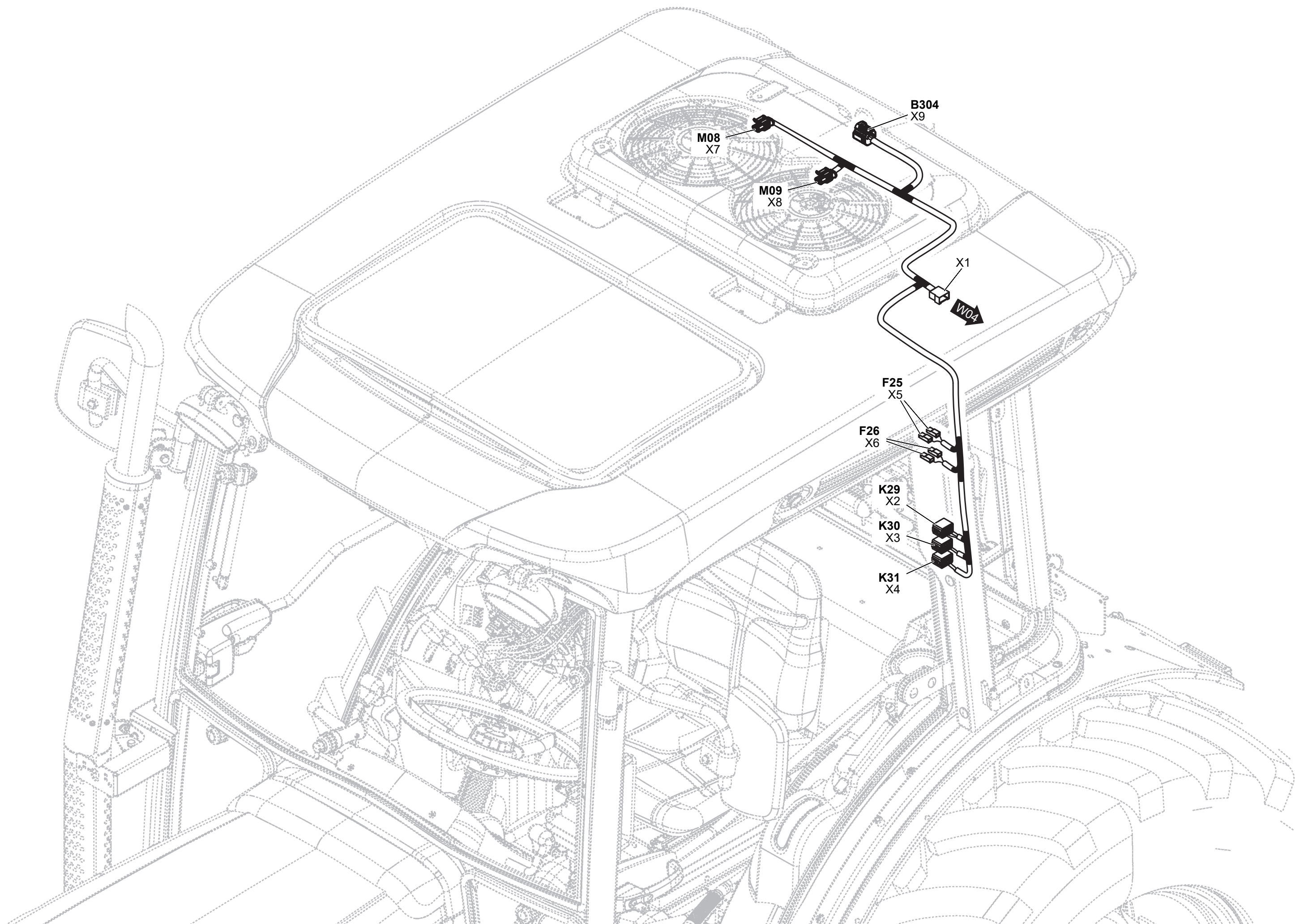


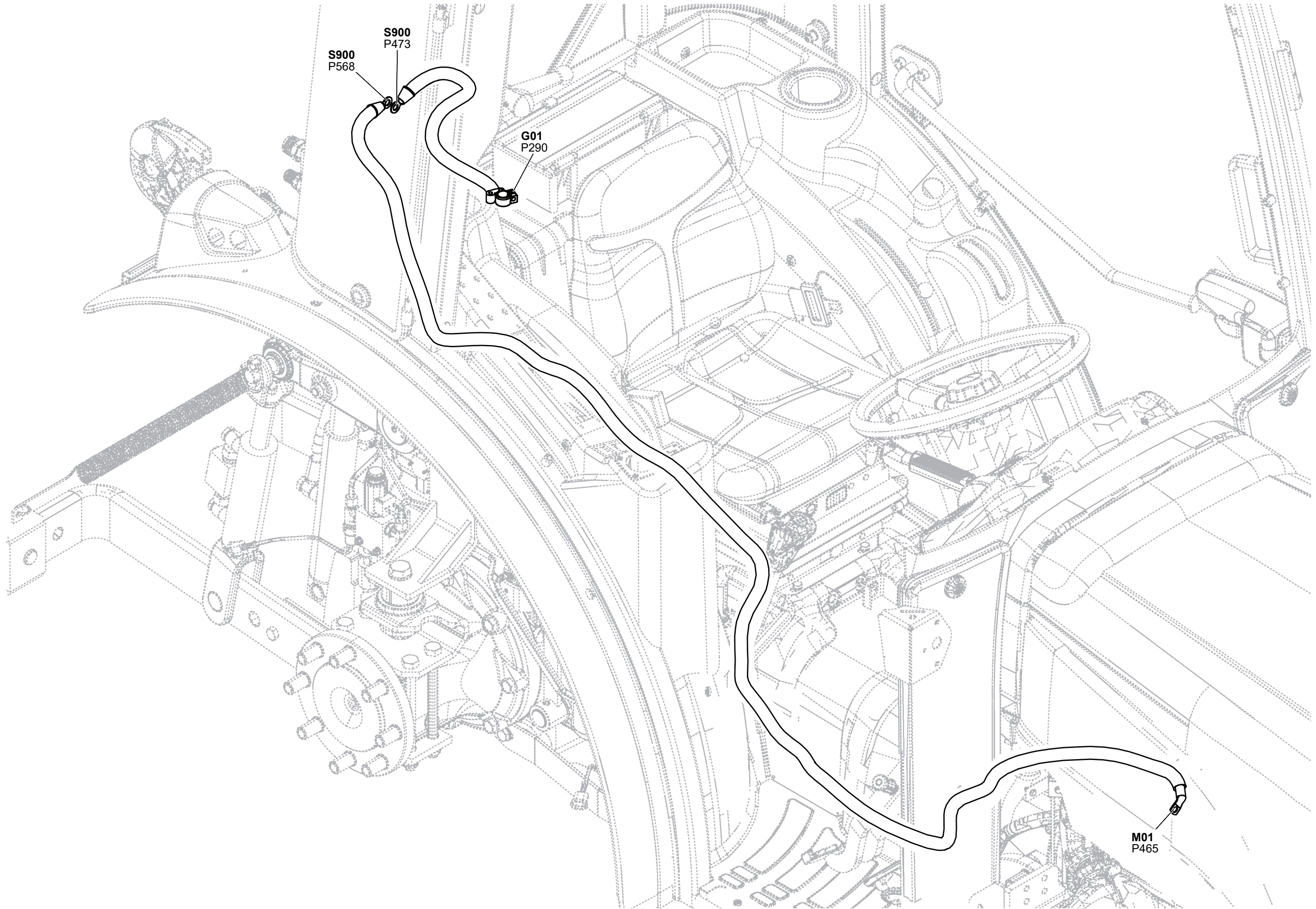


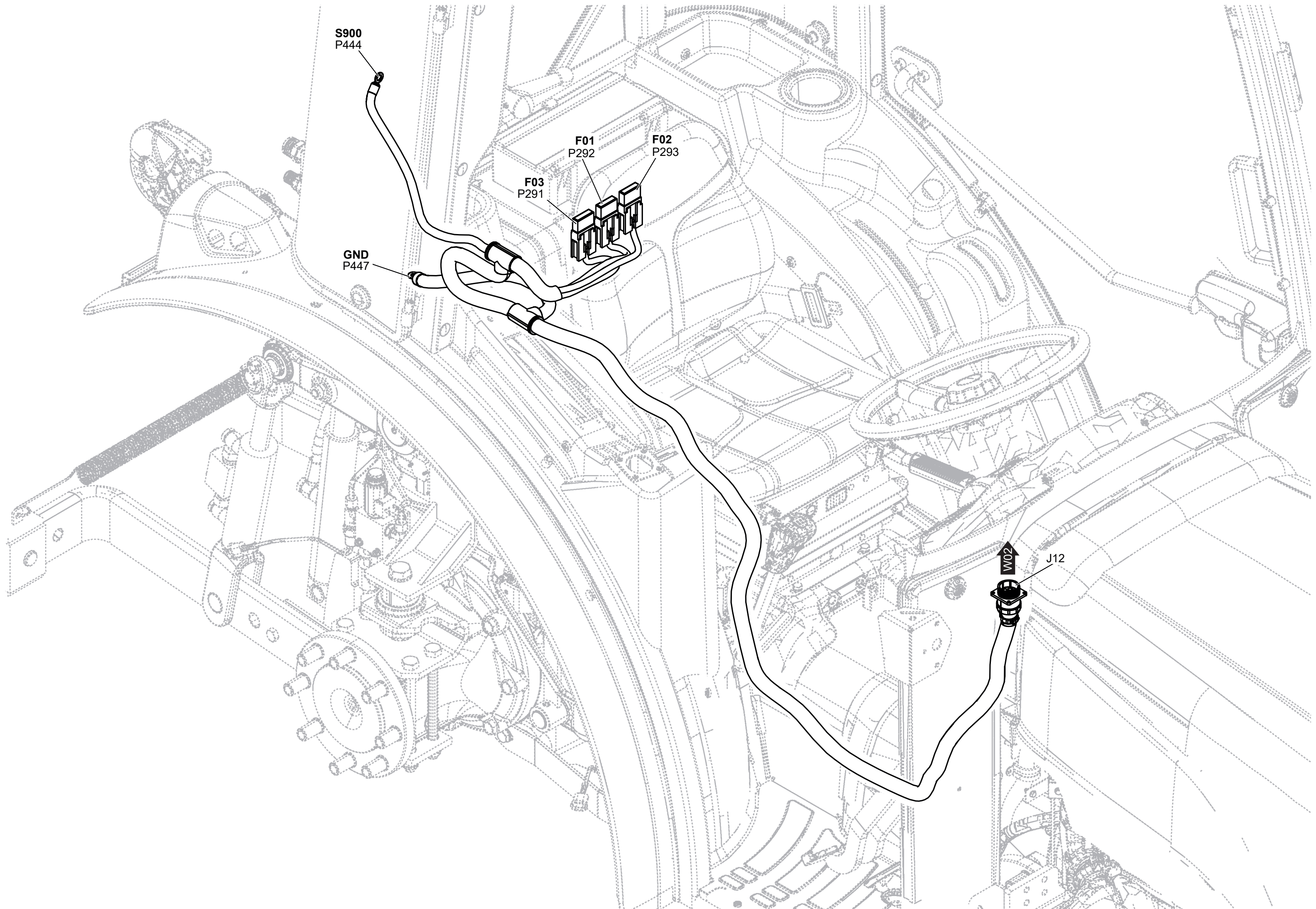


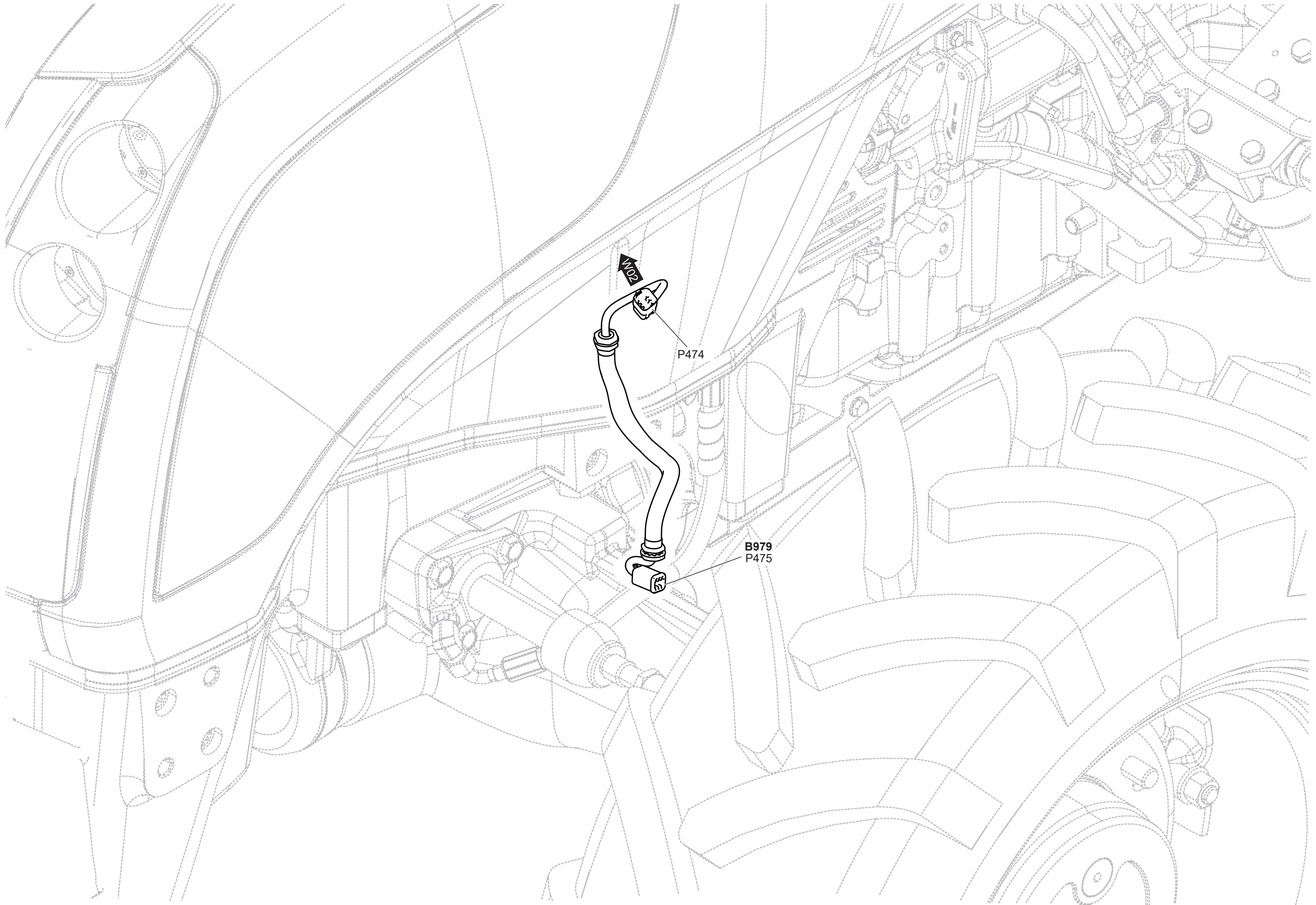


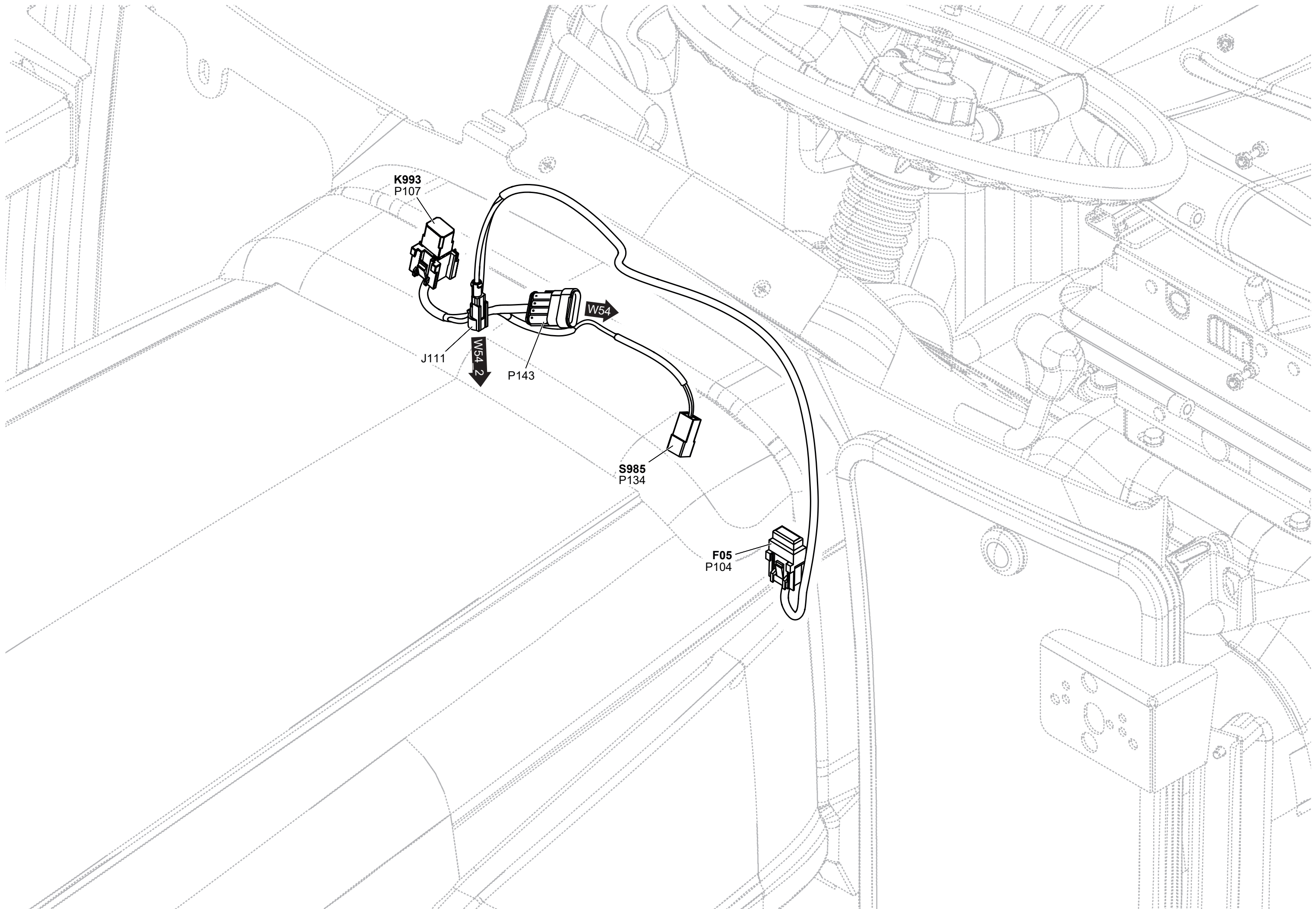


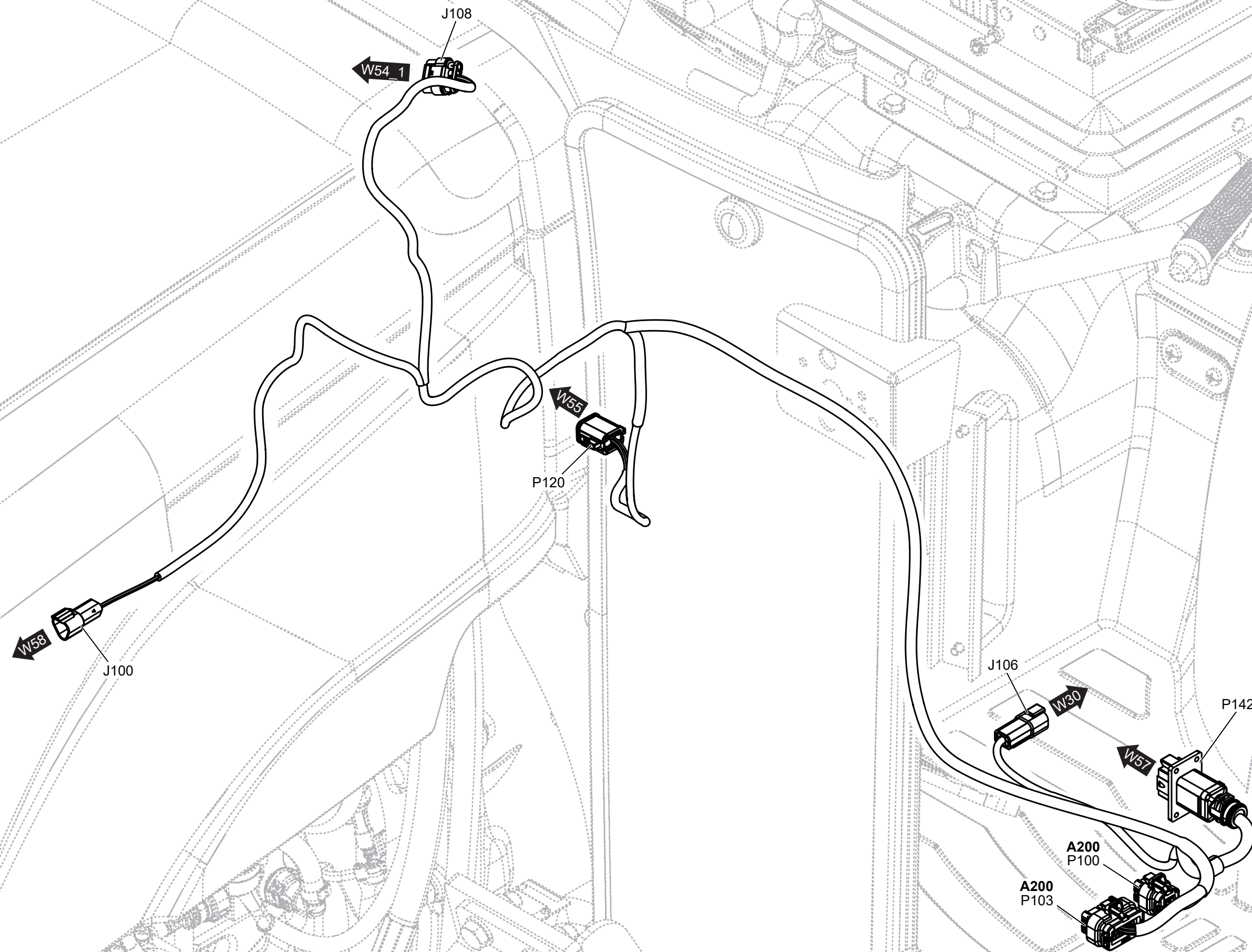


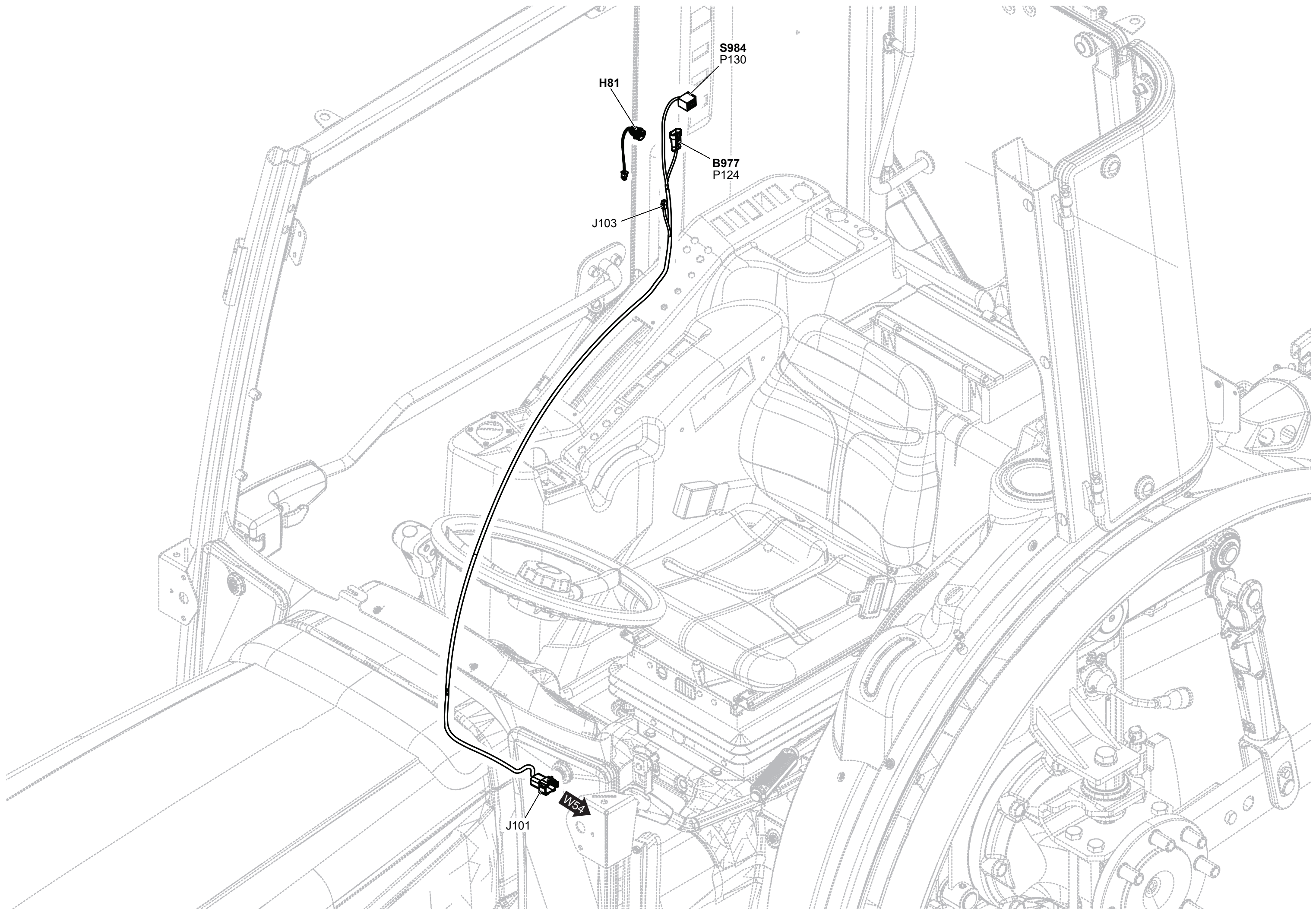


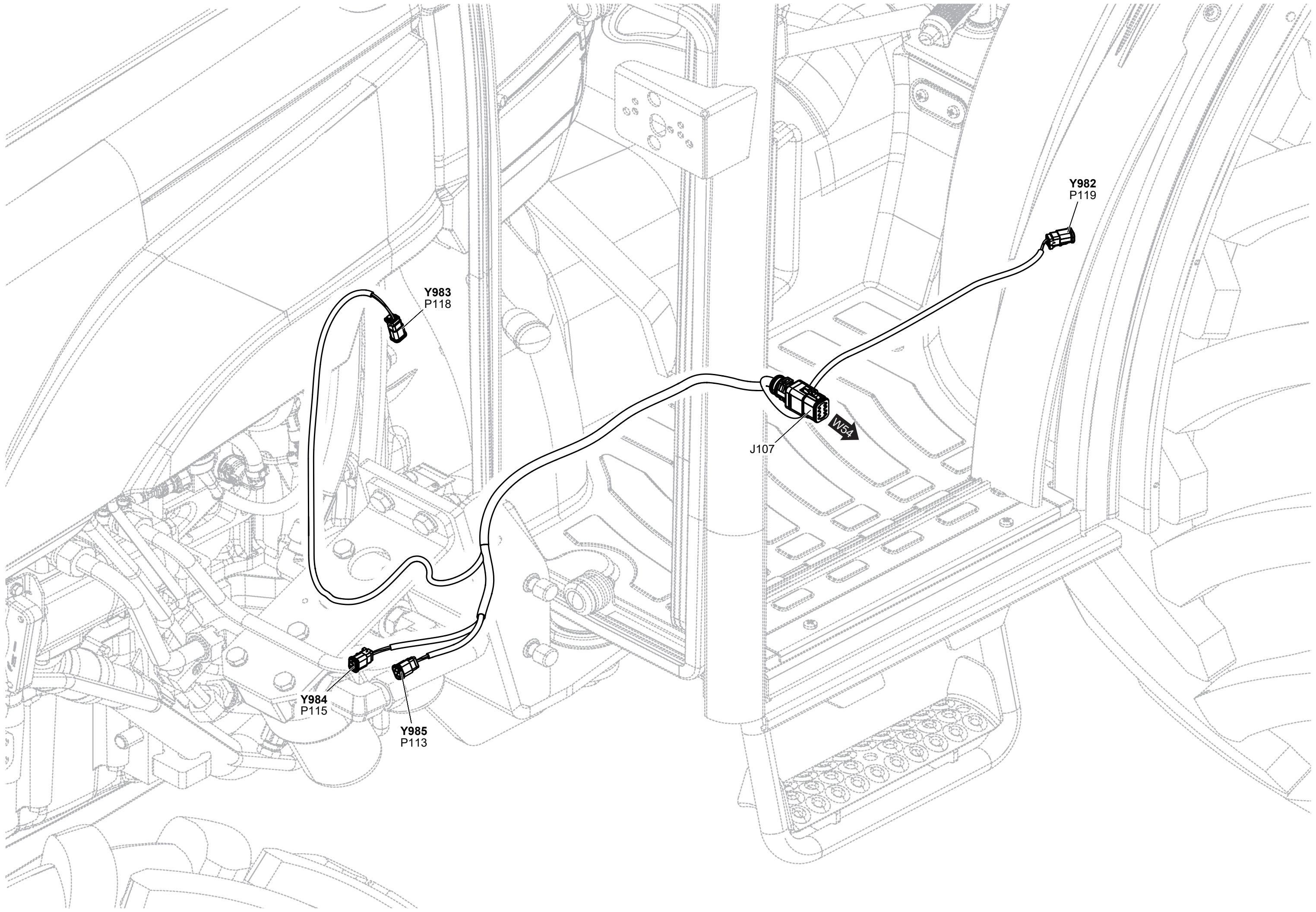


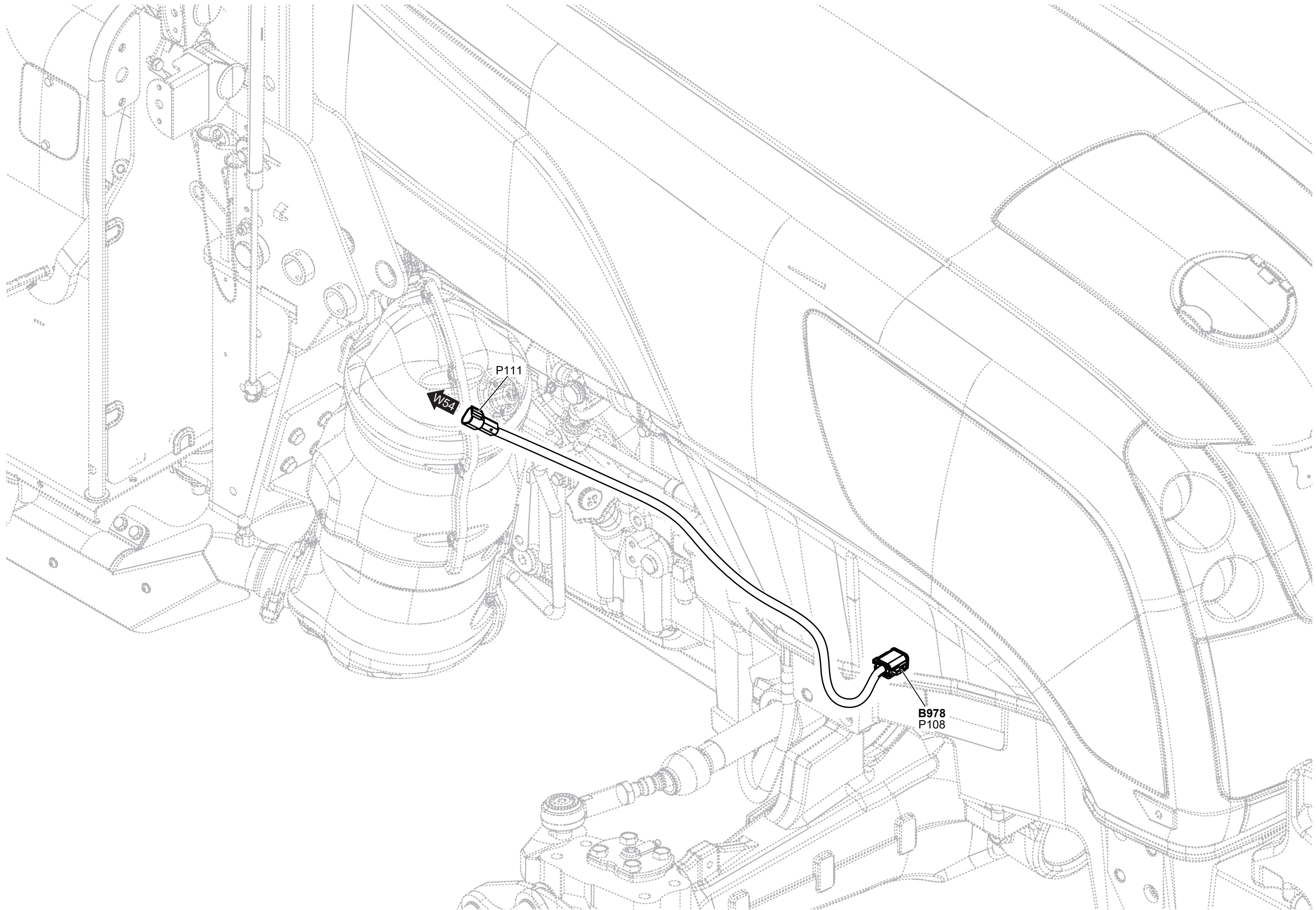




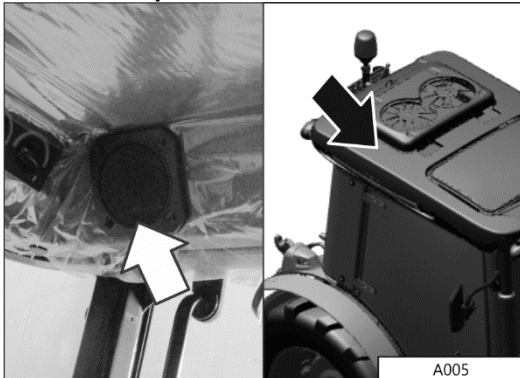




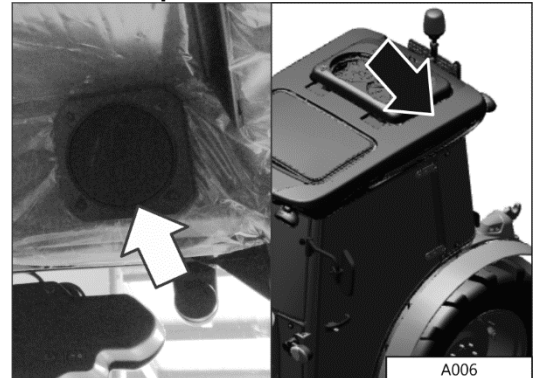




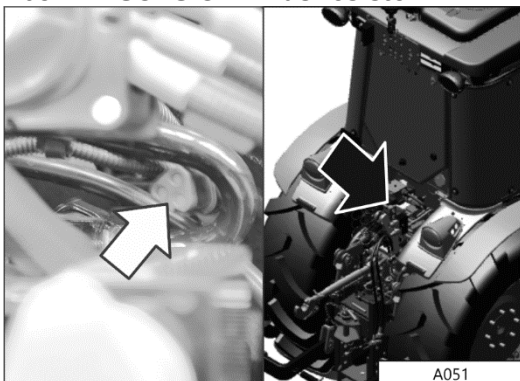
A005 - RH Speaker



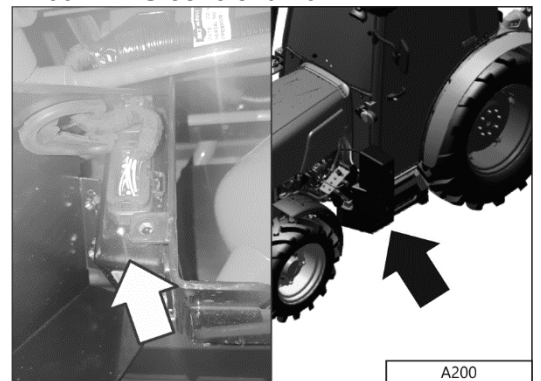
A006 - LH Speaker



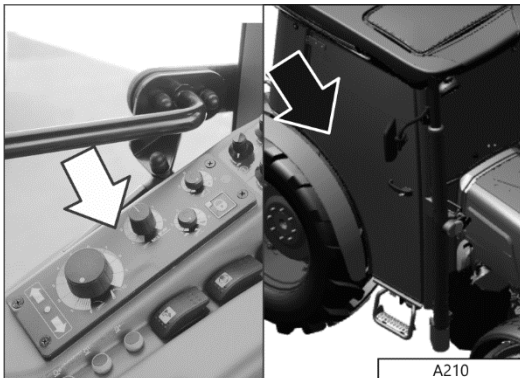
A051 - E-SCVS CAN Bus resistor



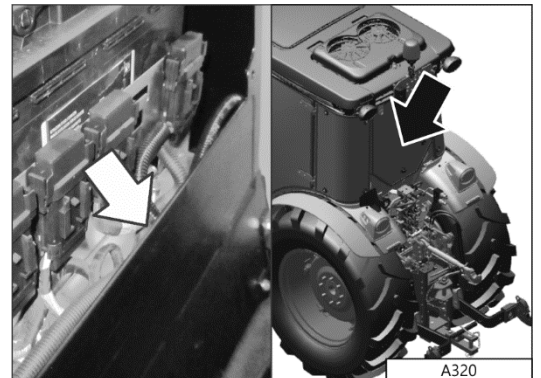
A200 - IFAS control unit



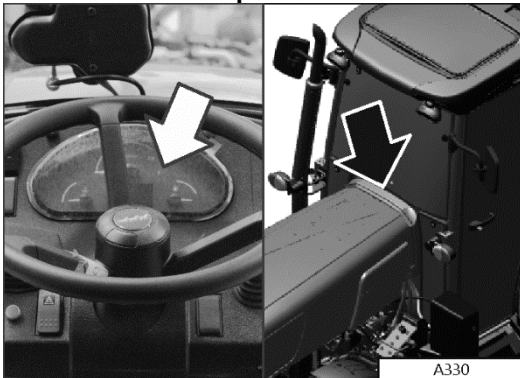
A210 - Electronic hitch control unit



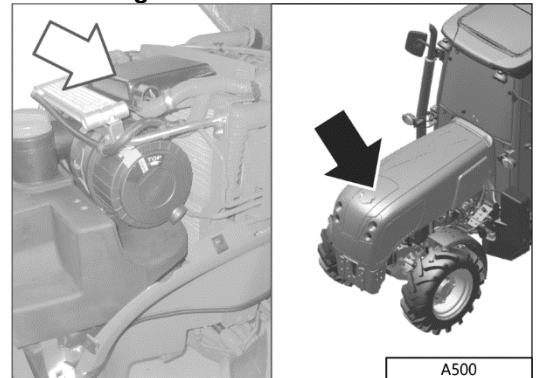
A320 - Transmission control unit



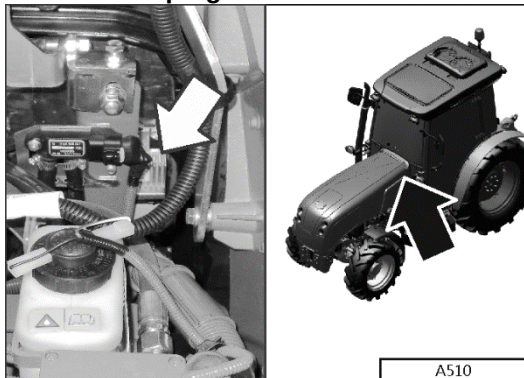
A330 - Instrument panel



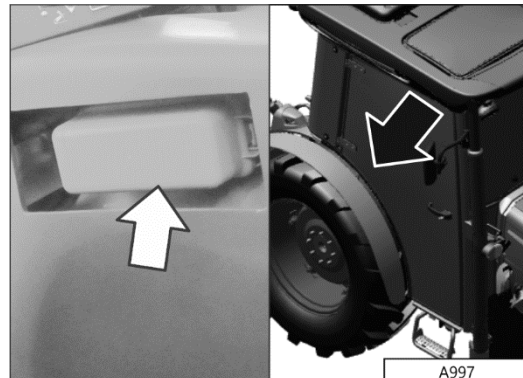
A500 - Engine control unit



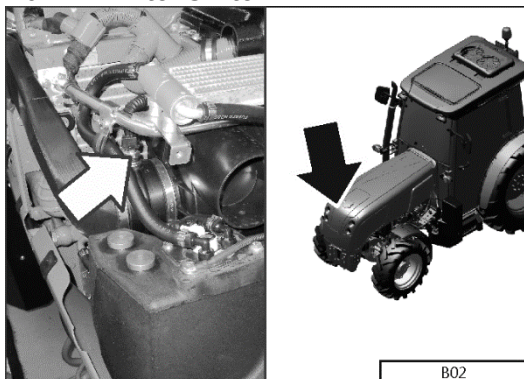
A510 - Glow plug ECU



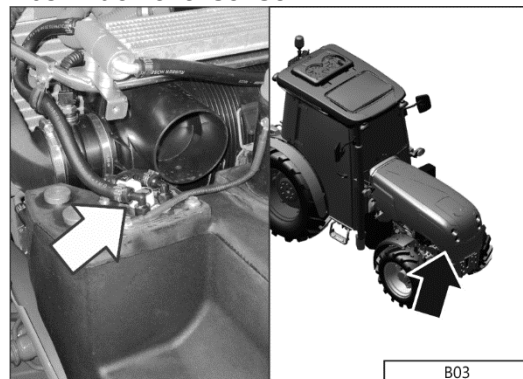
A997 - E-SCVS control unit



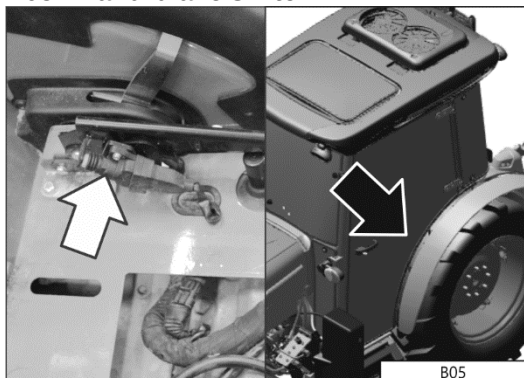
B02 - Air filter switch



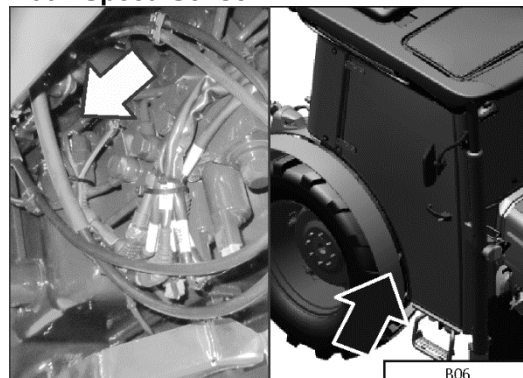
B03 - Fuel level sensor



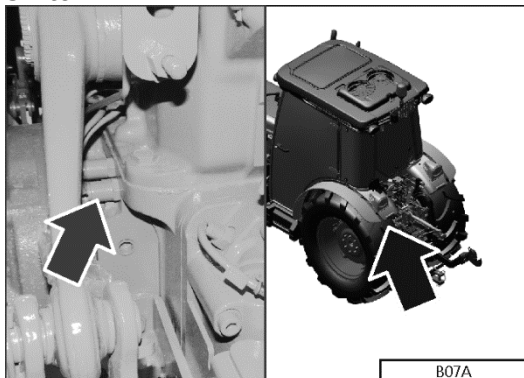
B05 - Hand brake switch



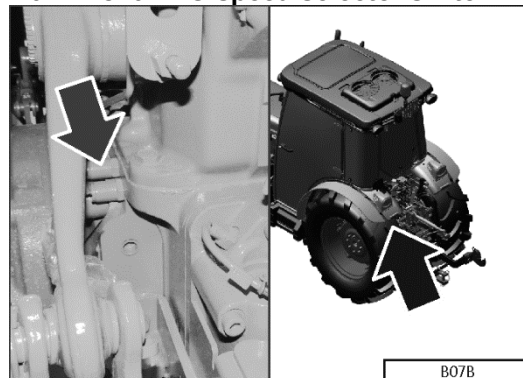
B06 - Speed Sensor



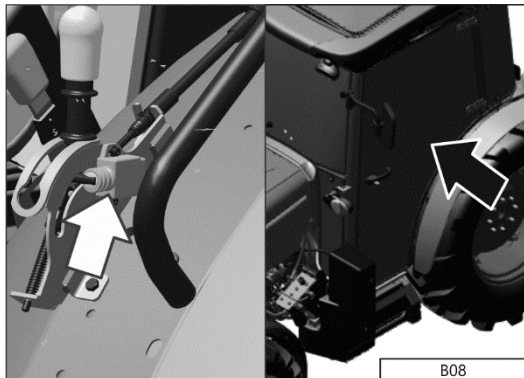
B07A - 540E/1000 PTO speed selector switch



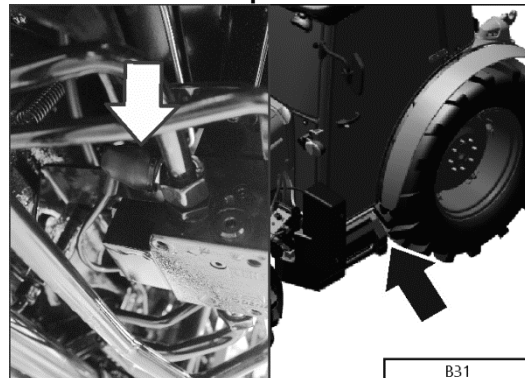
B07B - 540 PTO speed selector switch



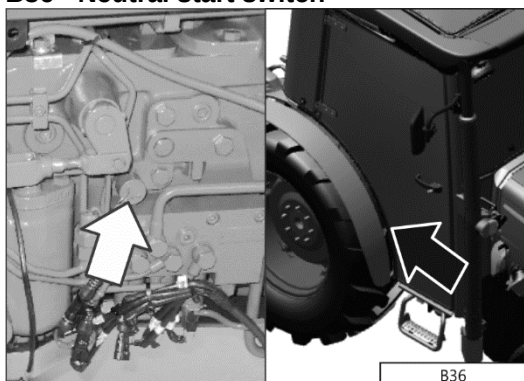
B08 - Mechanical PTO switch



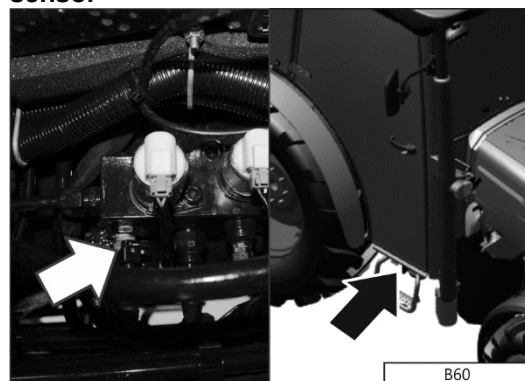
B31 - Trailer brake pressure sensor



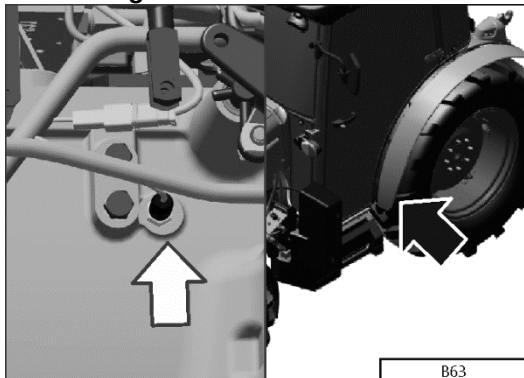
B36 - Neutral start switch



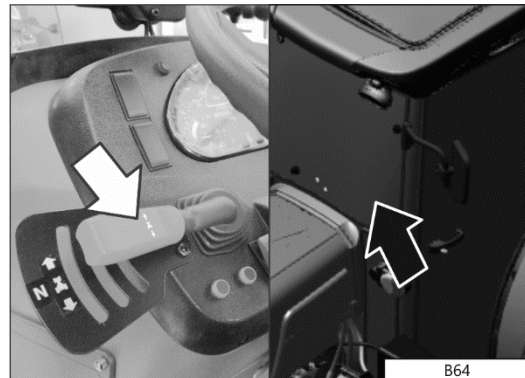
B60 - Transmission oil temperature sensor



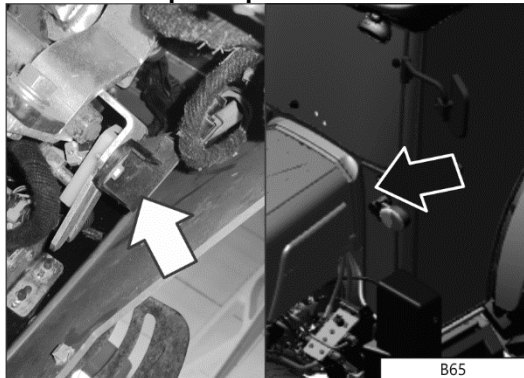
B63 - Ranges switch



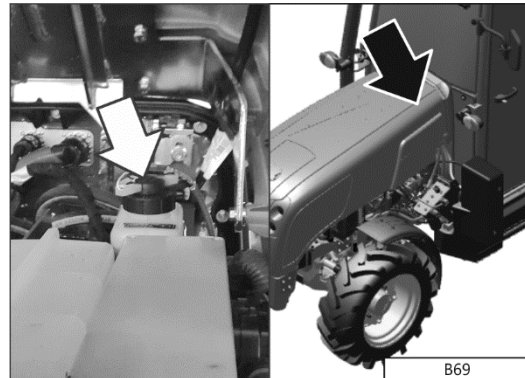
B64 - FNR lever



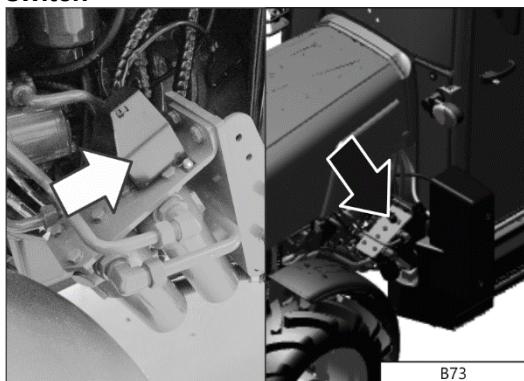
B65 - Clutch pedal position sensor



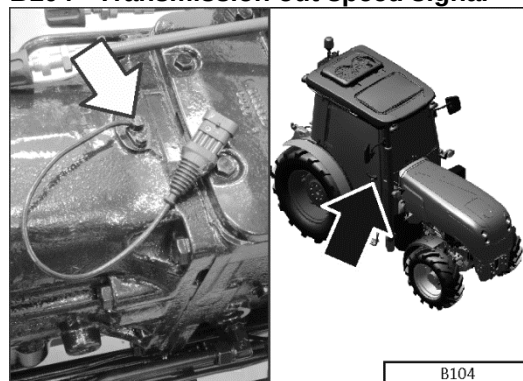
B69 - Brakes oil level switch



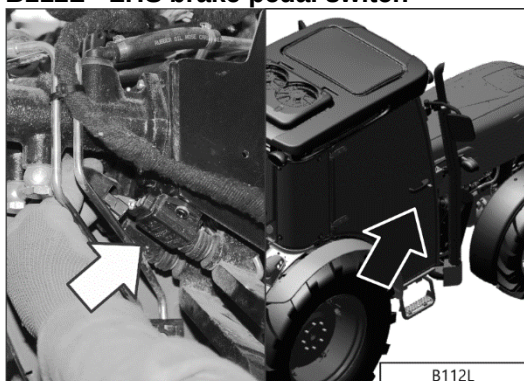
B73 - Transmission oil filter clogged switch



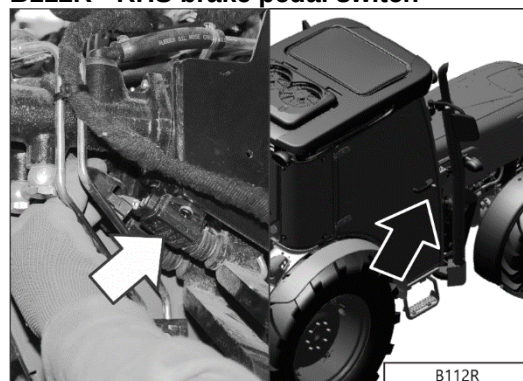
B104 - Transmission out speed signal



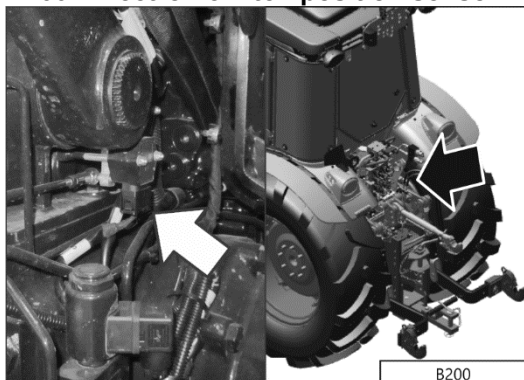
B112L - LHS brake pedal switch



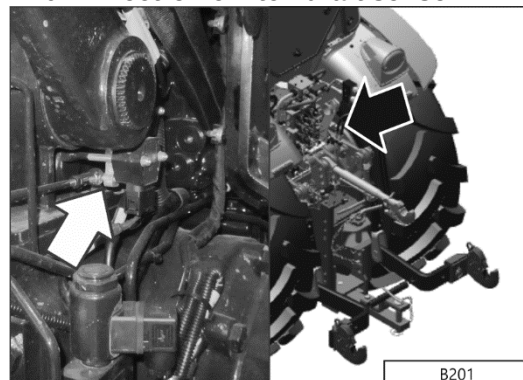
B112R - RHS brake pedal switch



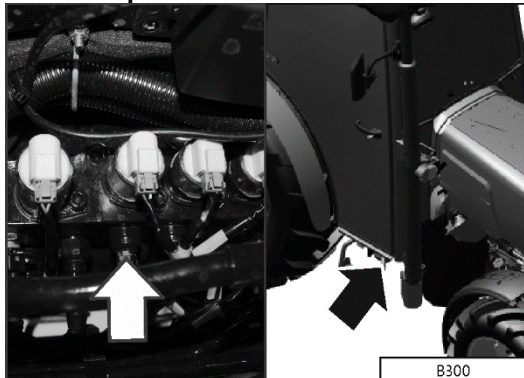
B200 - Electronic hitch position sensor



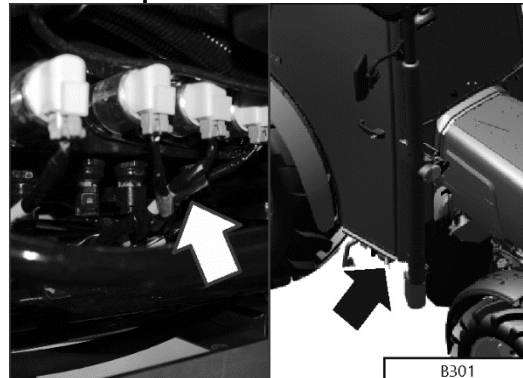
B201 - Electronic hitch draft sensor



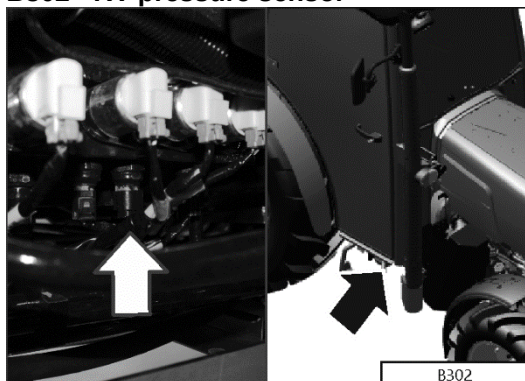
B300 - HI pressure sensor



B301 - LO pressure sensor



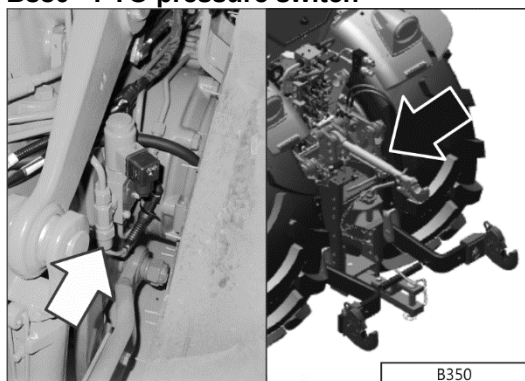
B302 - RV pressure sensor



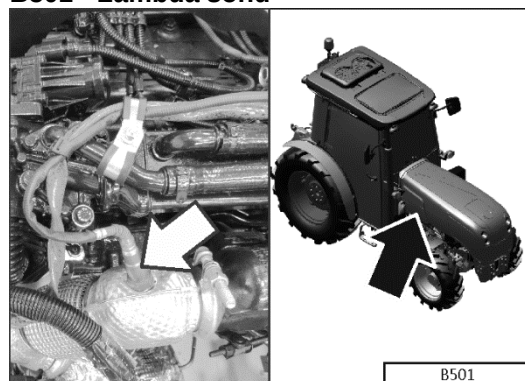
B303 - Transmission oil pressure switch



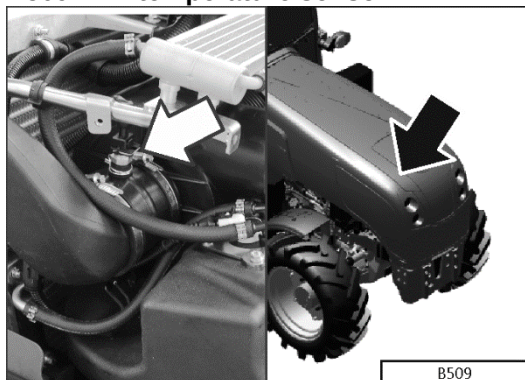
B350 - PTO pressure switch



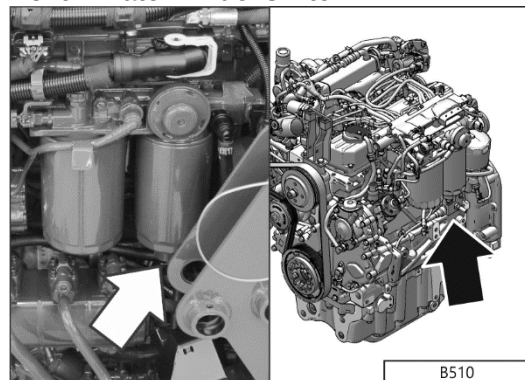
B501 - Lambda sond



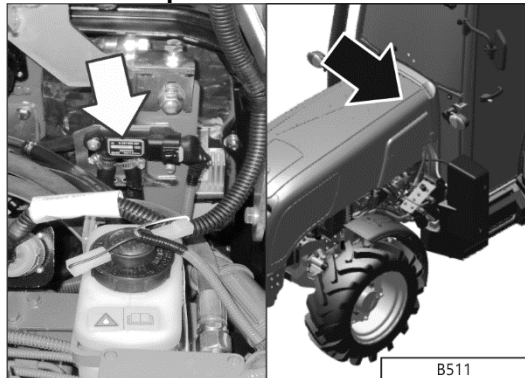
B509 - Air temperature sensor



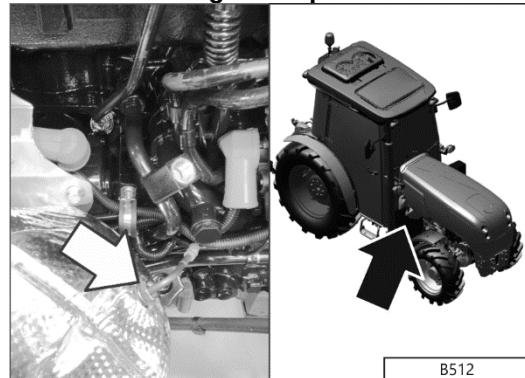
B510 - Water in fuel switch



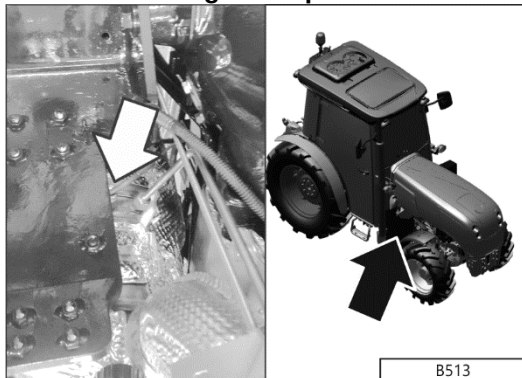
B511 - Delta pressure sensor



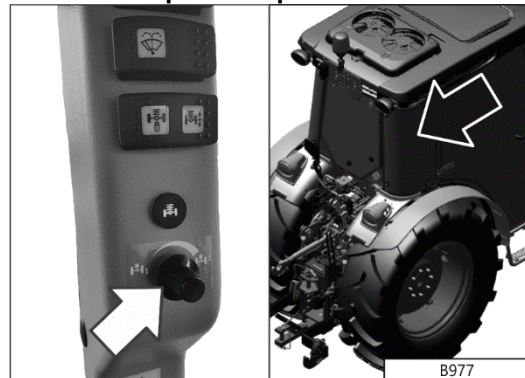
B512 - Exhaust gas temperature sensor 1



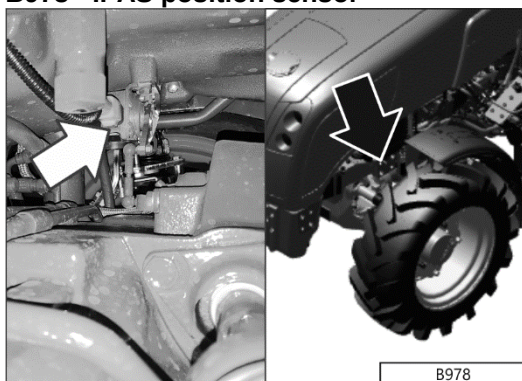
B513 - Exhaust gas temperature sensor 2



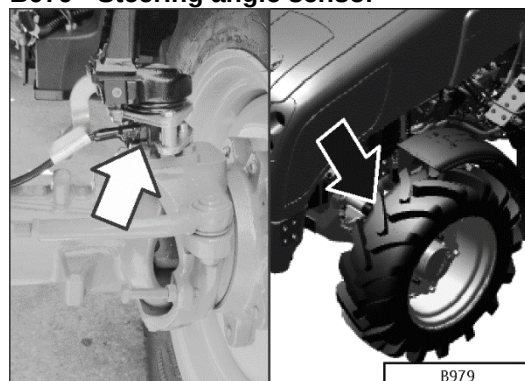
B977 - IFAS position potentiometer



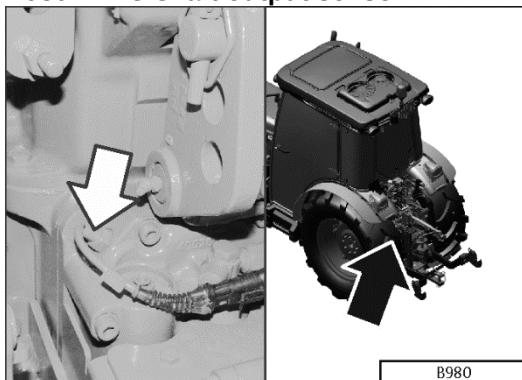
B978 - IFAS position sensor



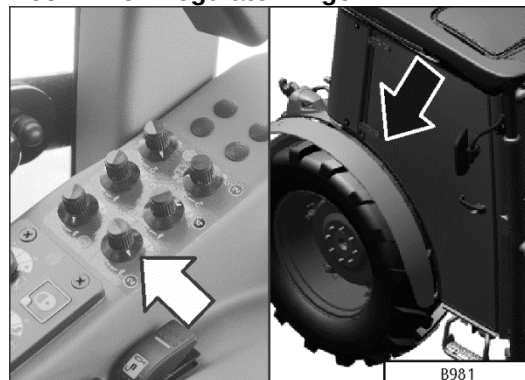
B979 - Steering angle sensor



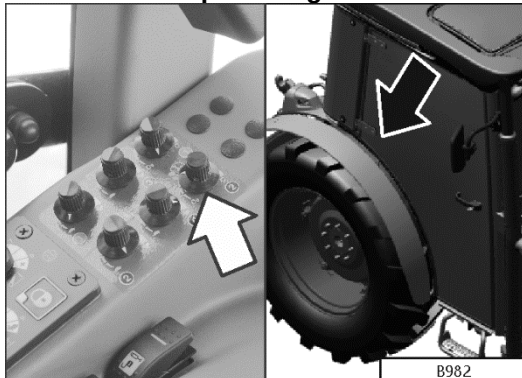
B980 - PTO shaft output sensor



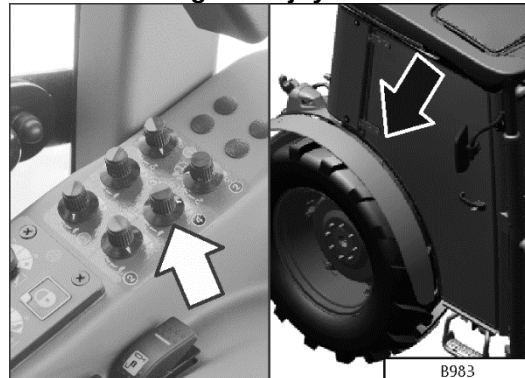
B981 - Flow regulator finger 2



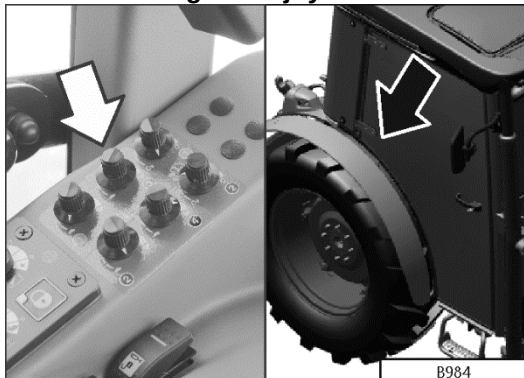
B982 - Time setpoint finger 2



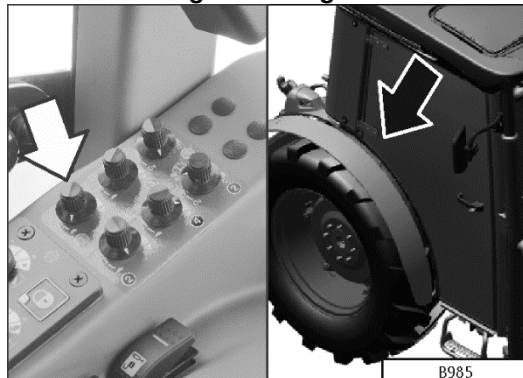
B983 - Flow regulator joy X axis



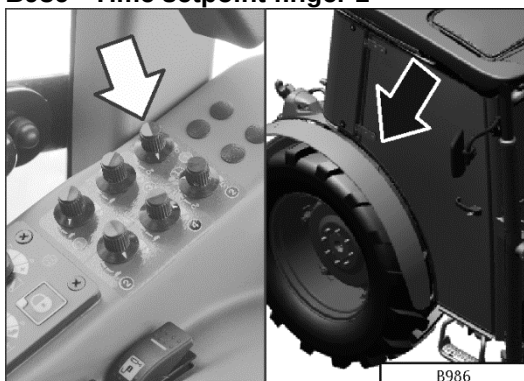
B984 - Flow regulator joy Y axis



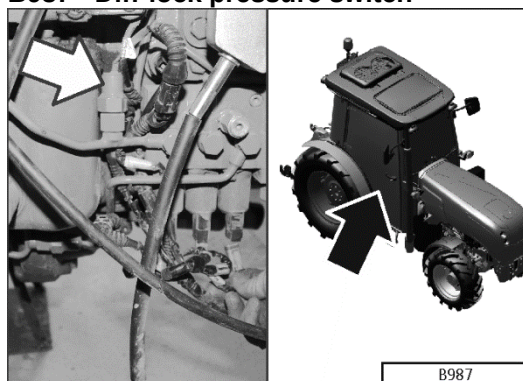
B985 - Flow regulator finger 1



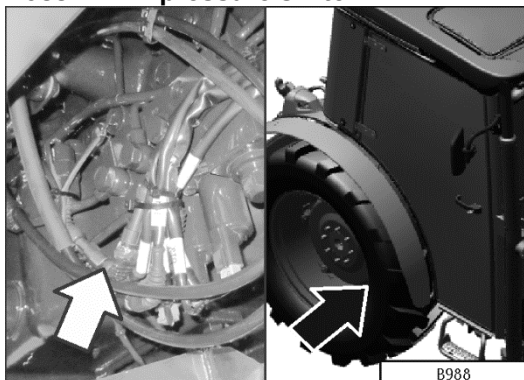
B986 - Time setpoint finger 1



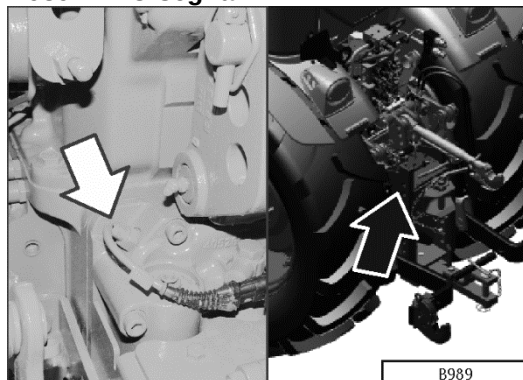
B987 - Diff-lock pressure switch



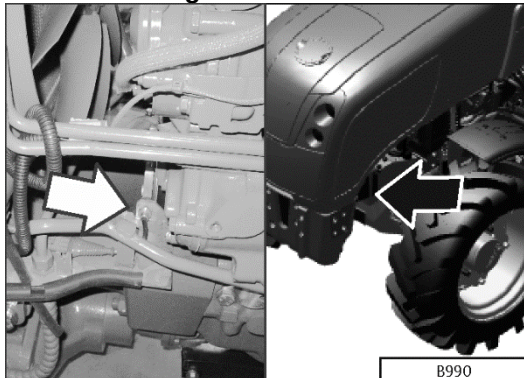
B988 - 4WD pressure switch



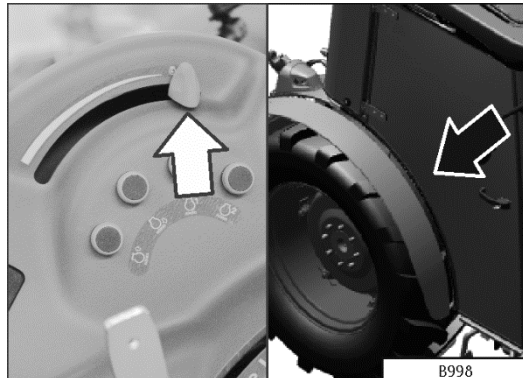
B989 - PTO signal 2



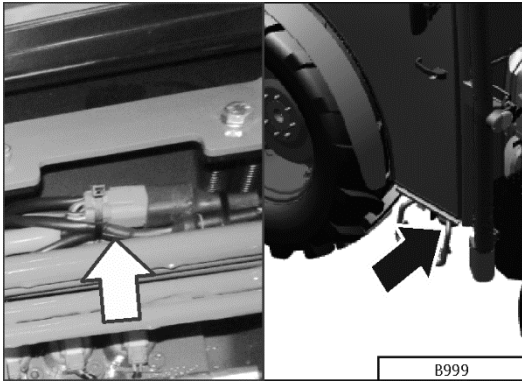
B990 - PTO signal 1



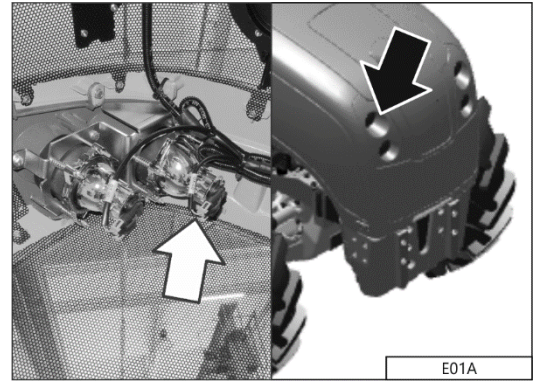
B998 - Hand throttle sensor



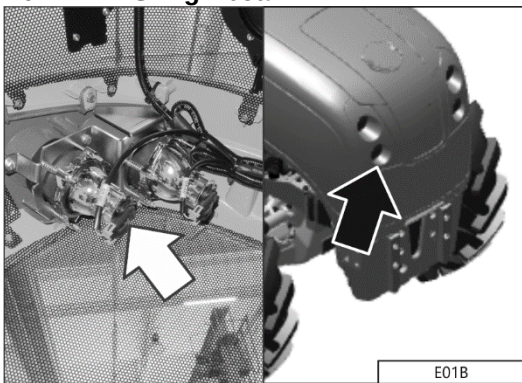
B999 - Foot throttle sensor



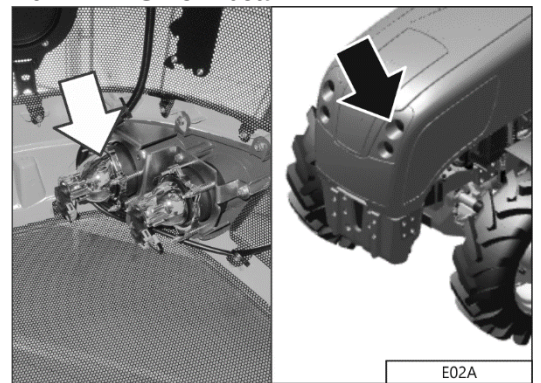
E01A - RHS Low beam



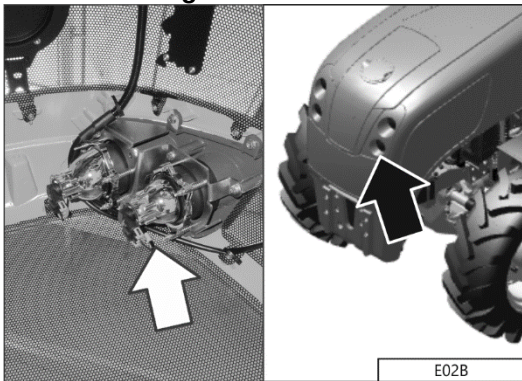
E01B - RHS High beam



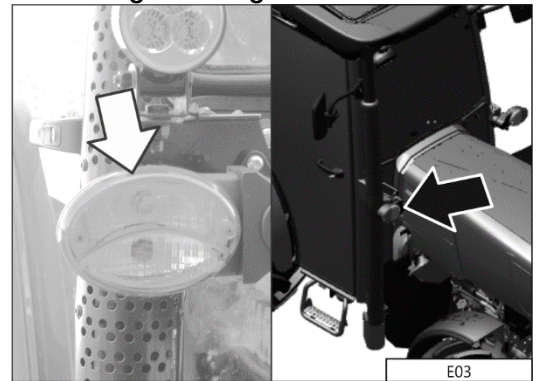
E02A - LHS Low beam



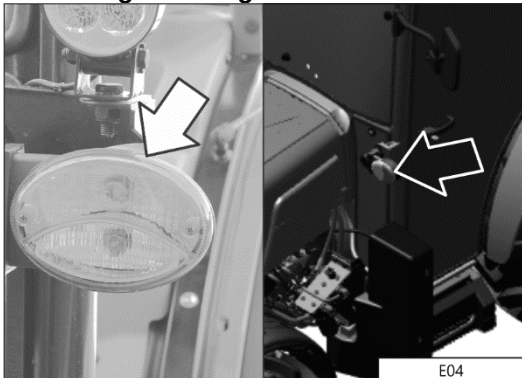
E02B - LHS High beam



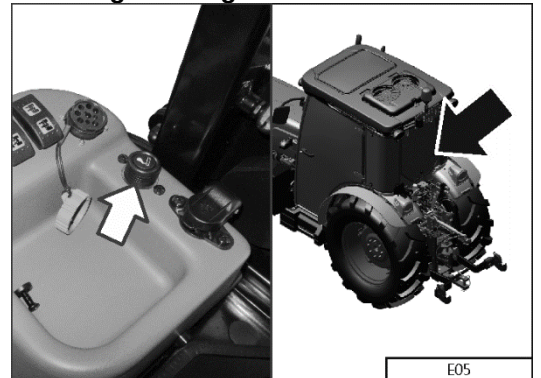
E03 - RH grabrail light



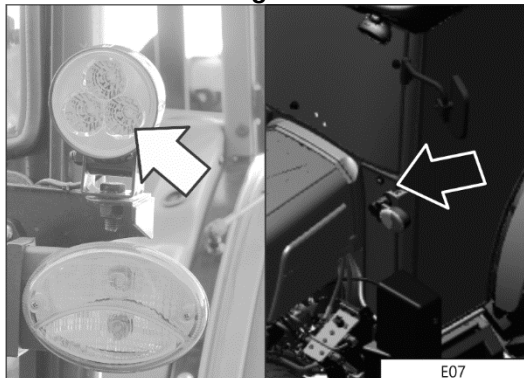
E04 - LH grabrail light



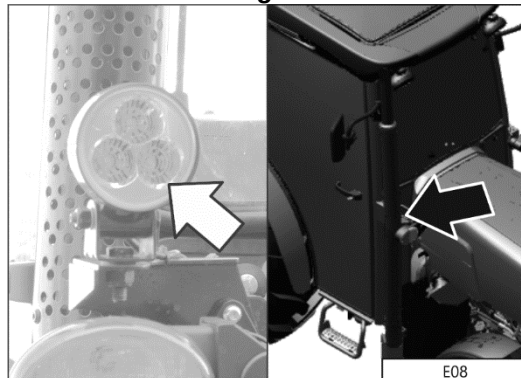
E05 - Cigarette lighter



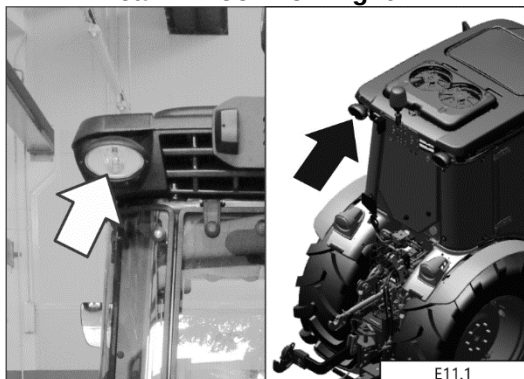
E07 - Front LH H4 light



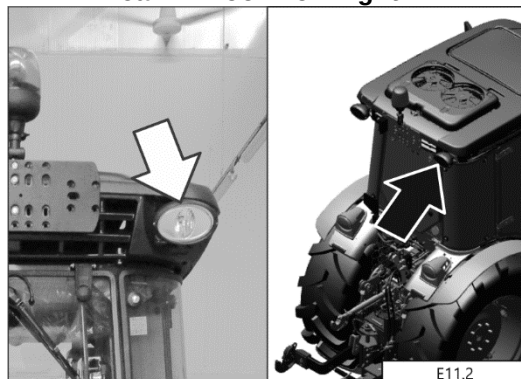
E08 - Front RH H4 light



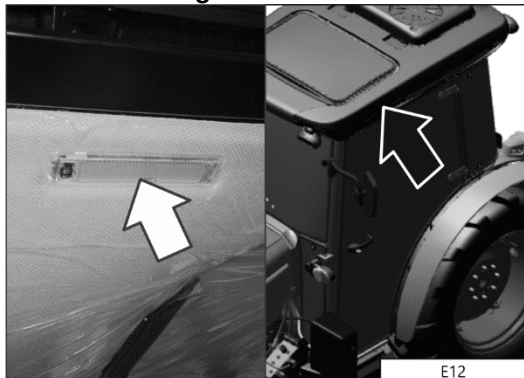
E11.1 - Rear LH roof work light



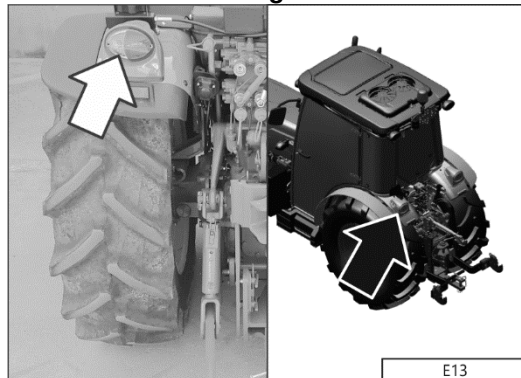
E11.2 - Rear RH roof work light



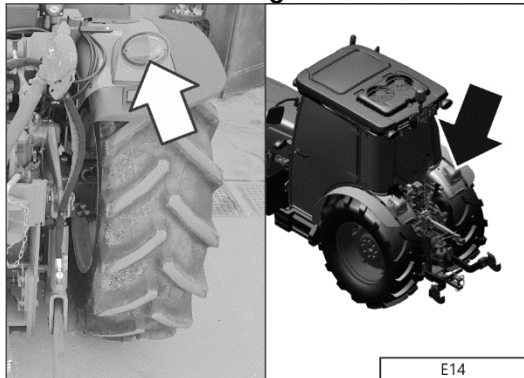
E12 - Internal light



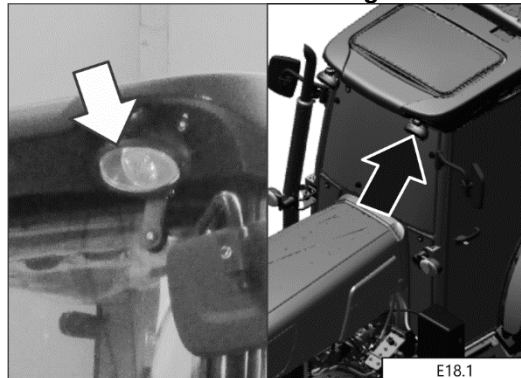
E13 - Rear LH road light



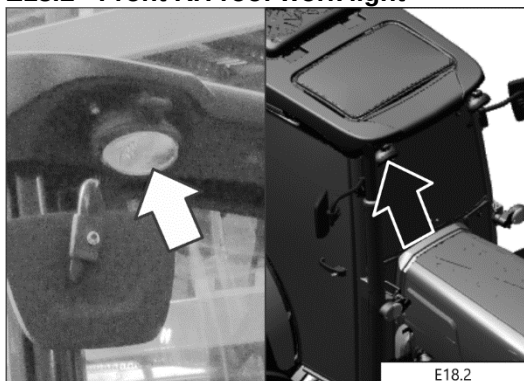
E14 - Rear RH road light



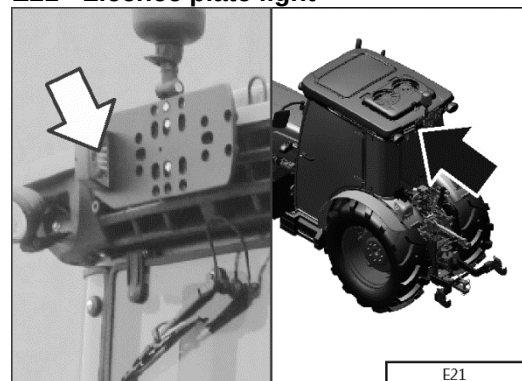
E18.1 - Front LH roof work light



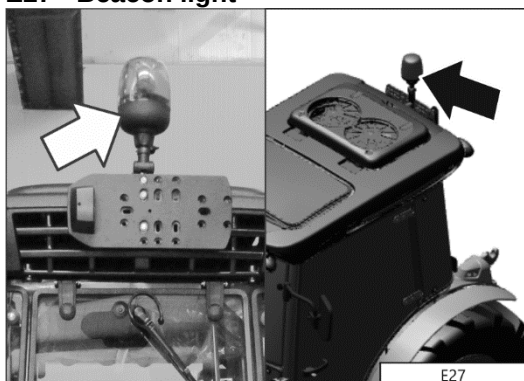
E18.2 - Front RH roof work light



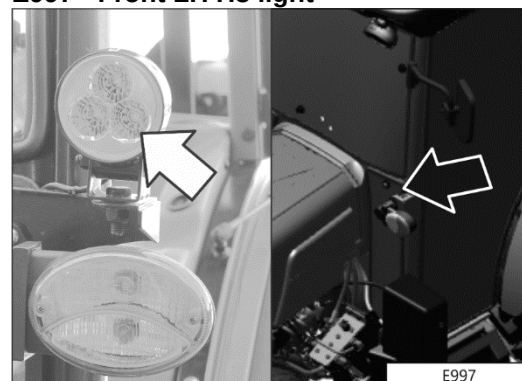
E21 - Licence plate light



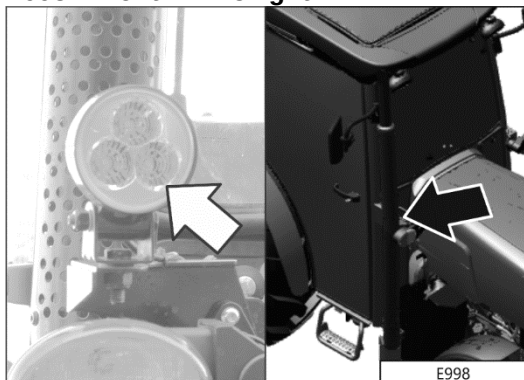
E27 - Beacon light



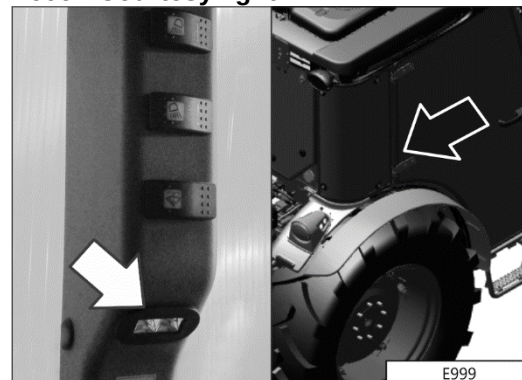
E997 - Front LH H3 light



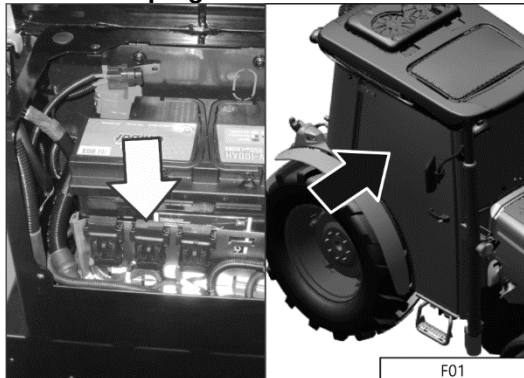
E998 - Front RH H3 light



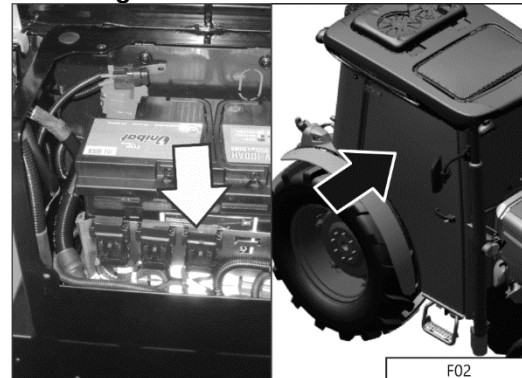
E999 - Courtesy light



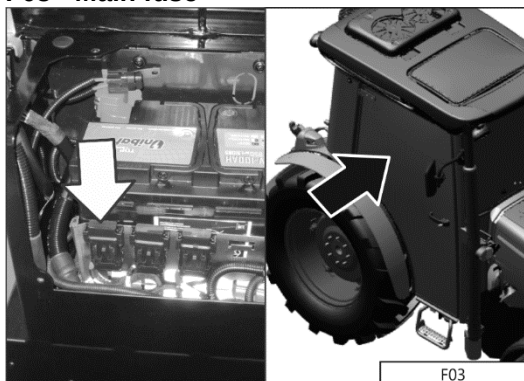
F01 - Glow plug fuse



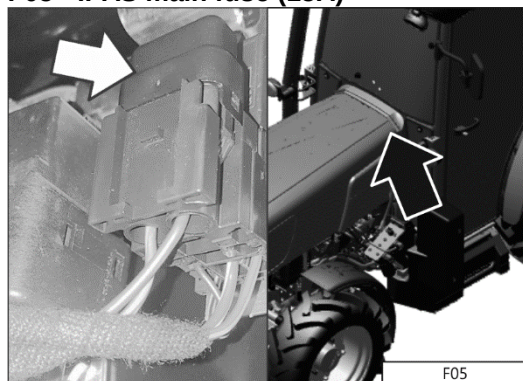
F02 - Engine ECU fuse



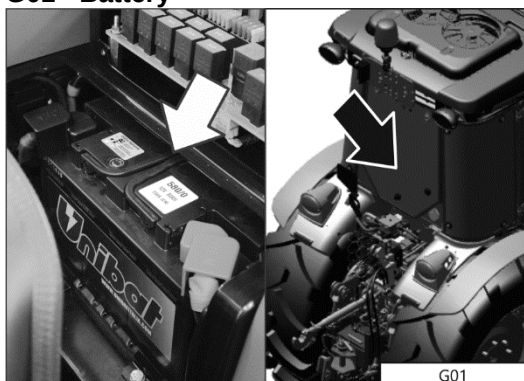
F03 - Main fuse



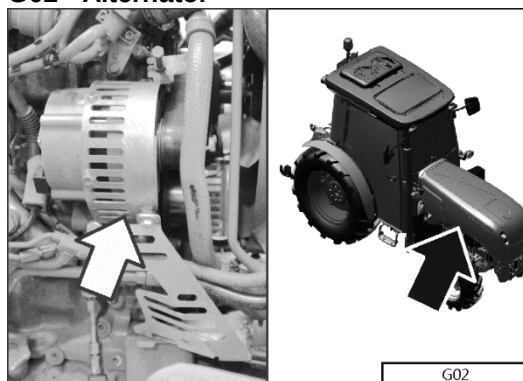
F05 - IFAS main fuse (15A)



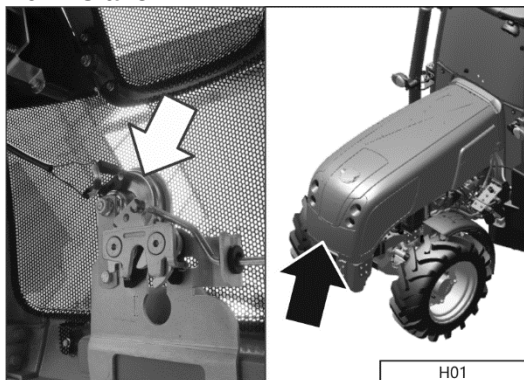
G01 - Battery



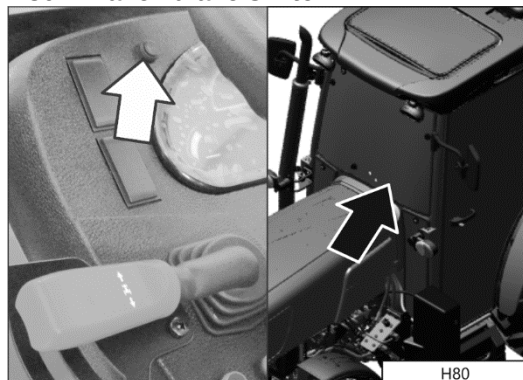
G02 - Alternator



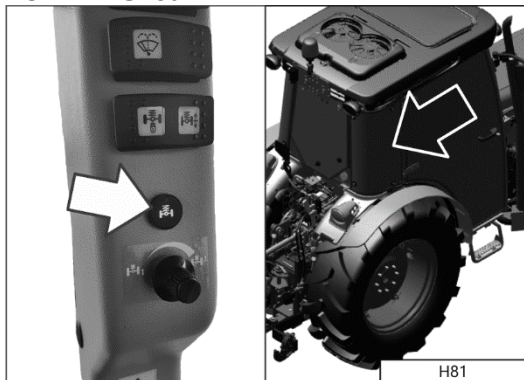
H01 - Claxon



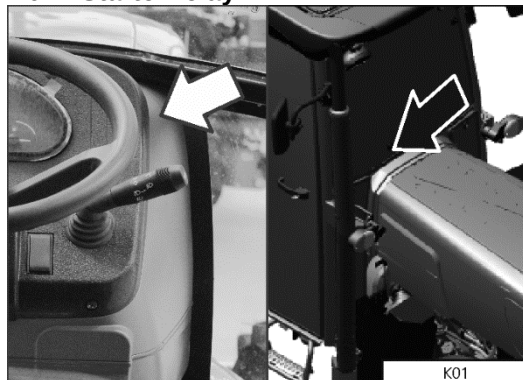
H80 - Trailer brake switch



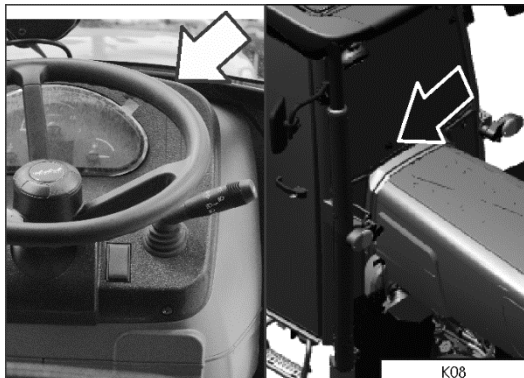
H81 - IFAS led



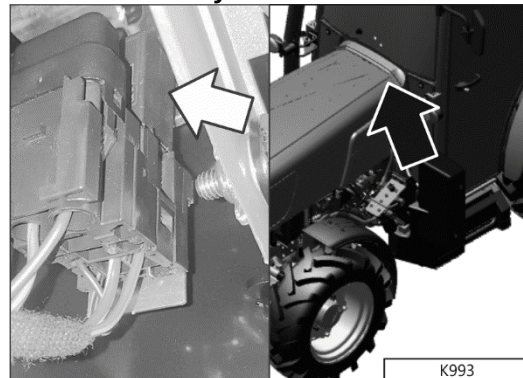
K01 - Starter relay



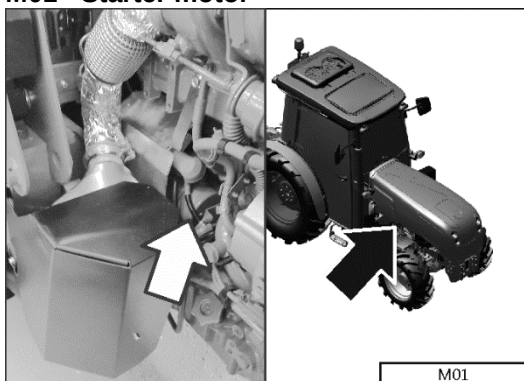
K08 - Flasher unit



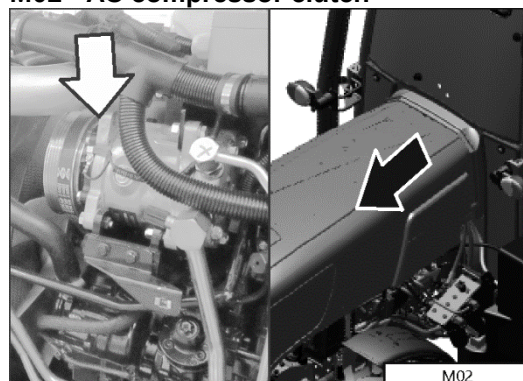
K993 - IFAS relay



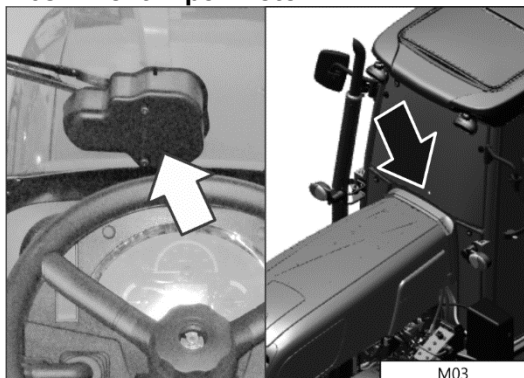
M01 - Starter motor



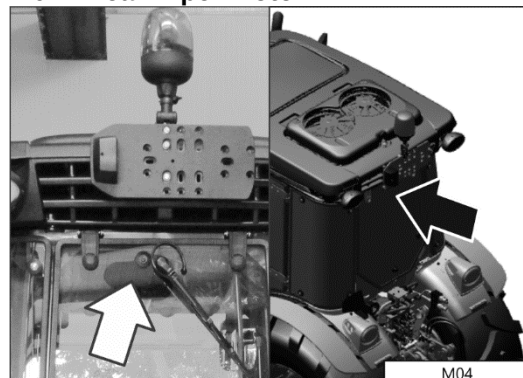
M02 - AC compressor clutch



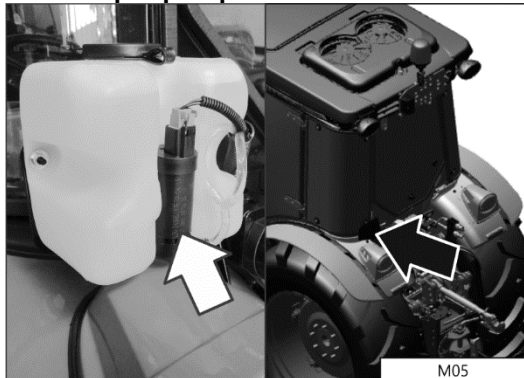
M03 - Front wiper motor



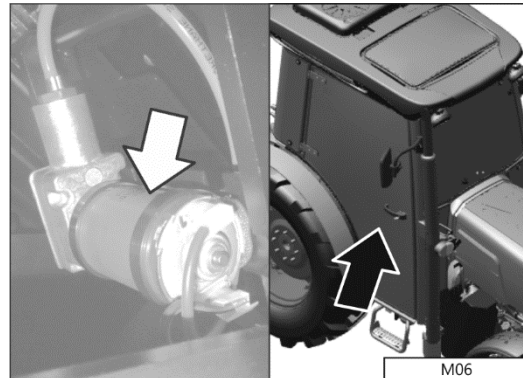
M04 - Rear wiper motor



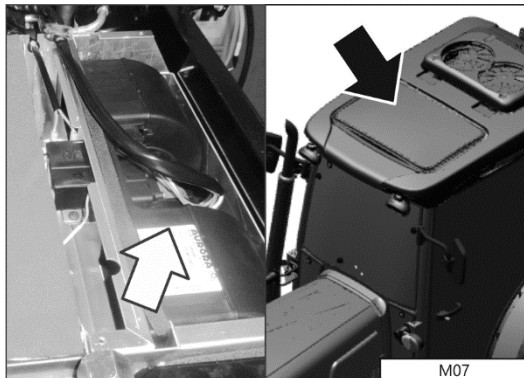
M05 - Wiper pump



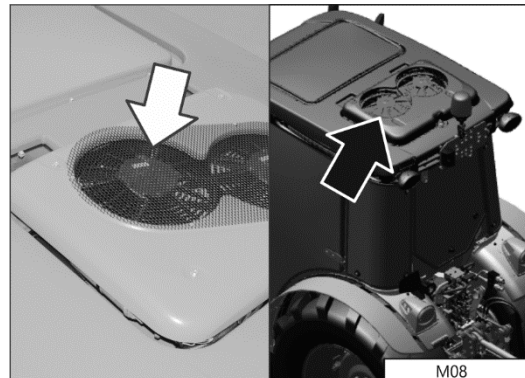
M06 - Air seat



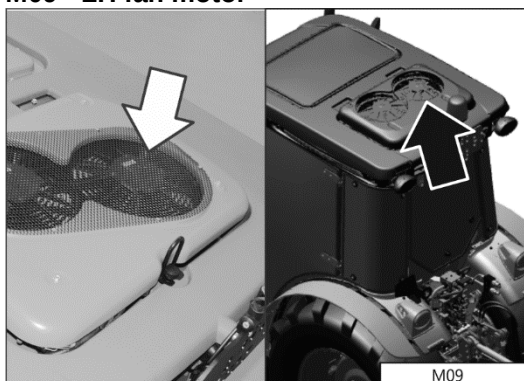
M07 - AC blower



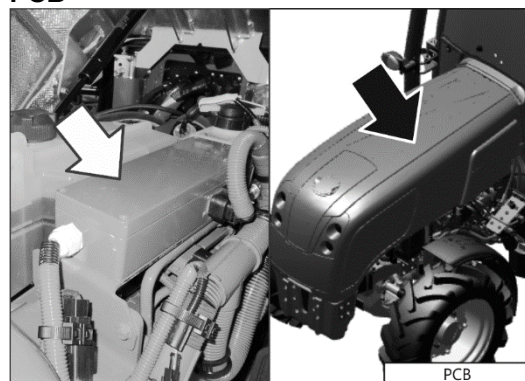
M08 - RH fan motor



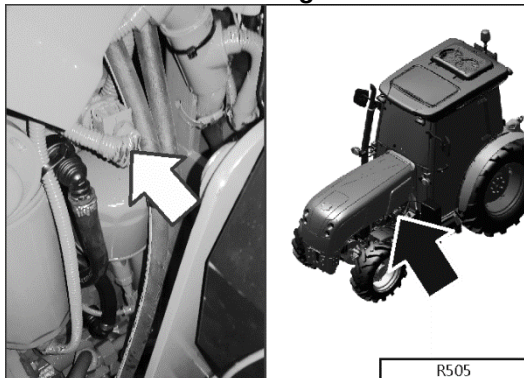
M09 - LH fan motor



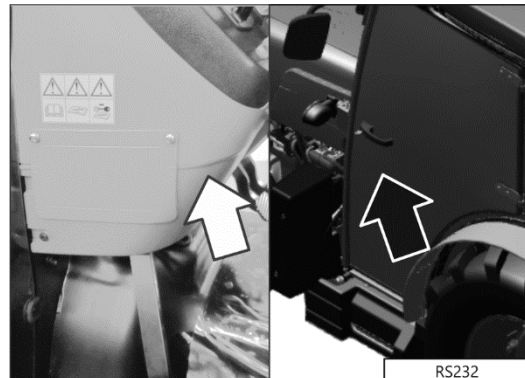
PCB



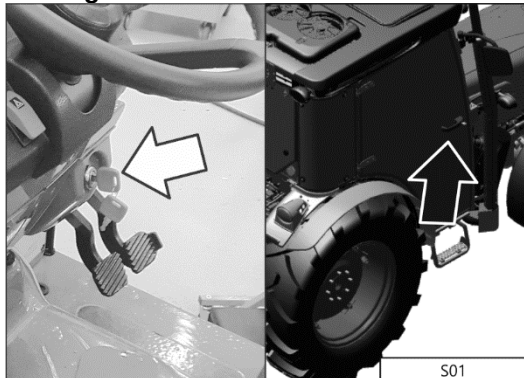
R505 - Fuel filter heating



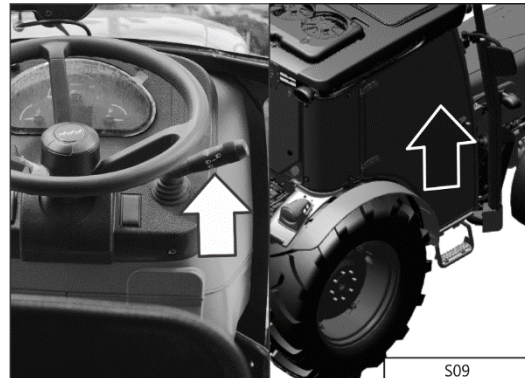
RS232 - Socket



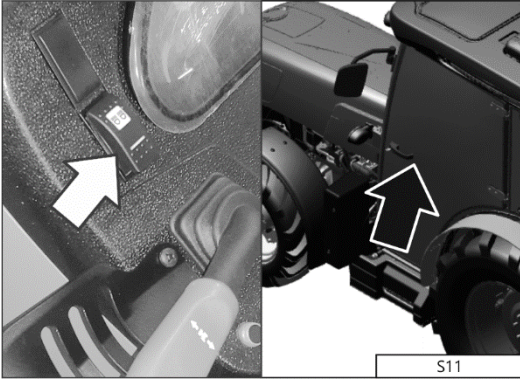
S01 - Ignition switch



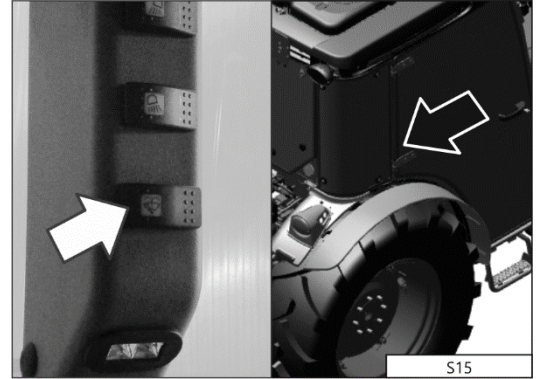
S09 - Blinker lever



S11 - H4 lights switch



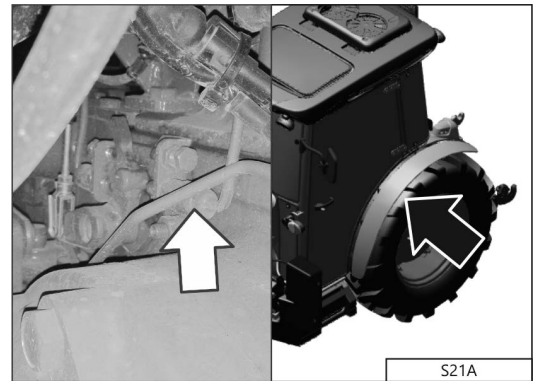
S15 - Front wiper switch



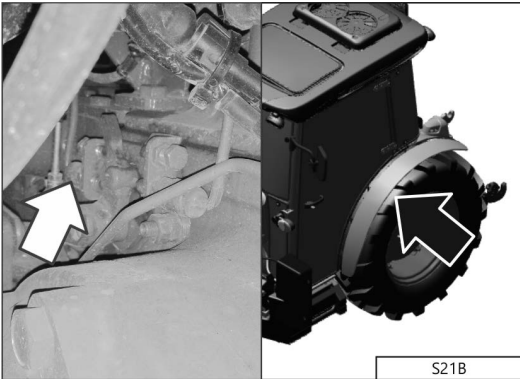
S20 - Calibration hidden button



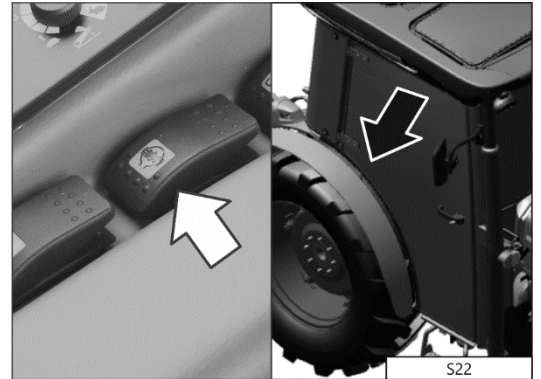
S21A - GD PTO selector switch



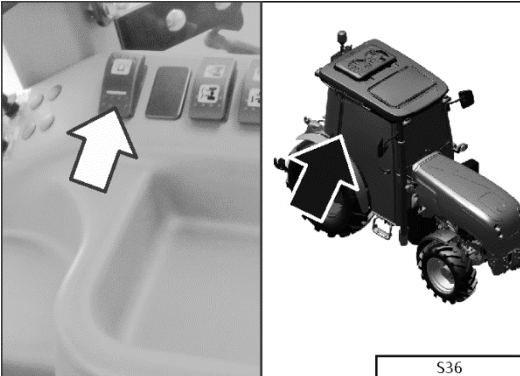
S21B - DIR PTO selector switch



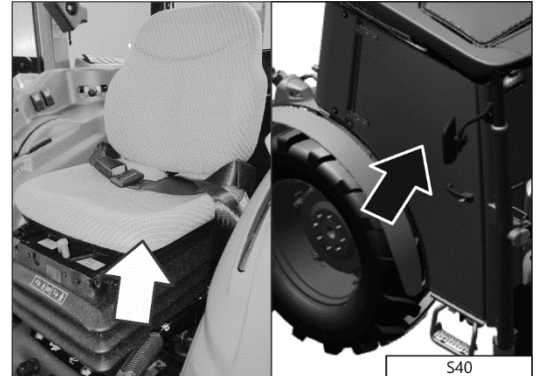
S22 - Diff-lock switch



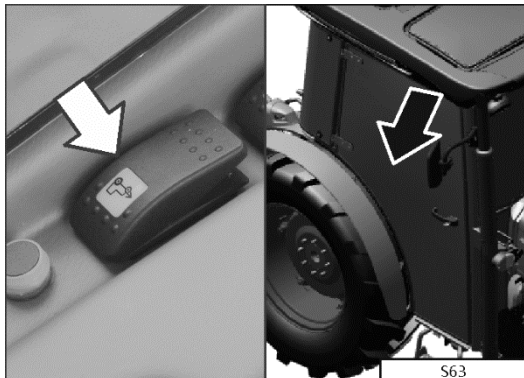
S36 - Beacon switch



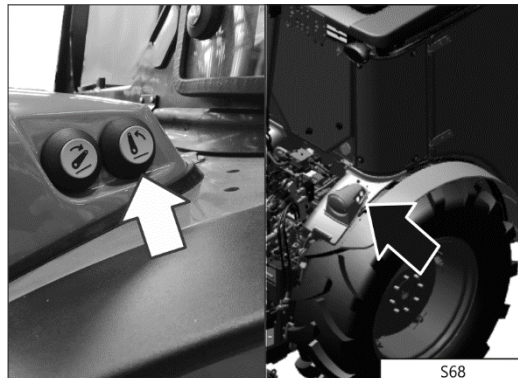
S40 - Seat switch



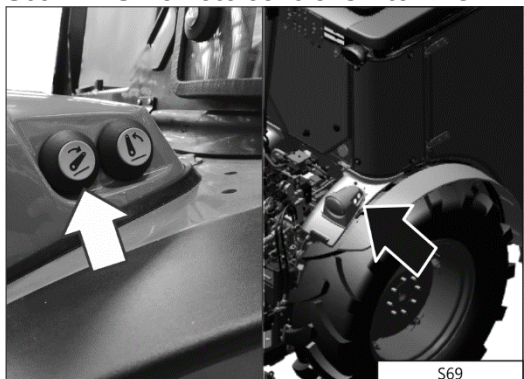
S63 - 4WD switch



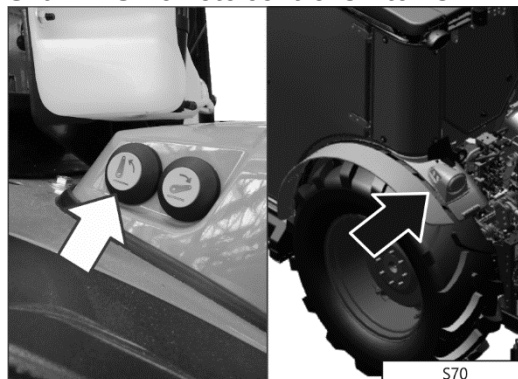
S68 - RHS Remote control switch UP



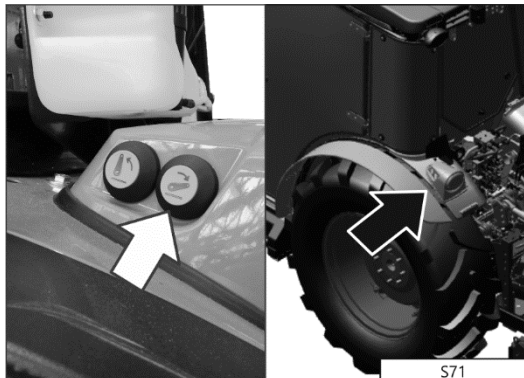
S69 - RHS Remote control switch DOWN



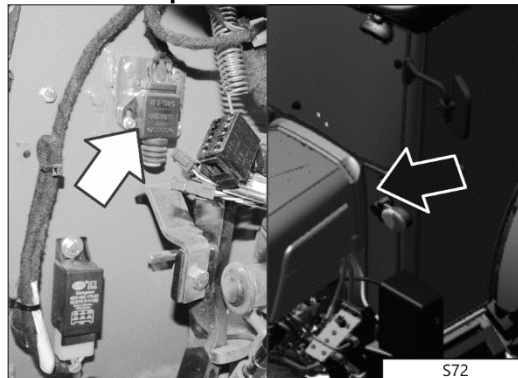
S70 - LHS Remote control switch UP



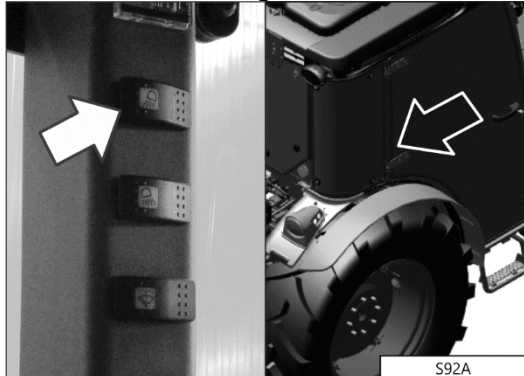
S71 - LHS Remote control switch DOWN



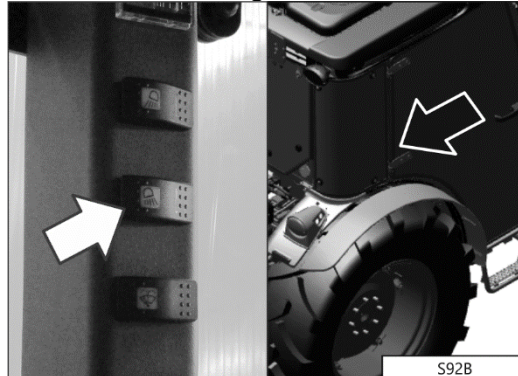
S72 - Clutch pedal end stroke switch



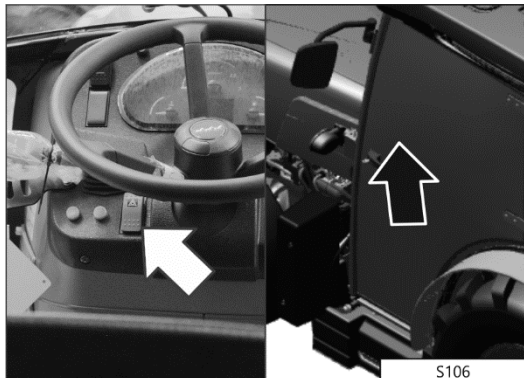
S92A - Front work lights switch



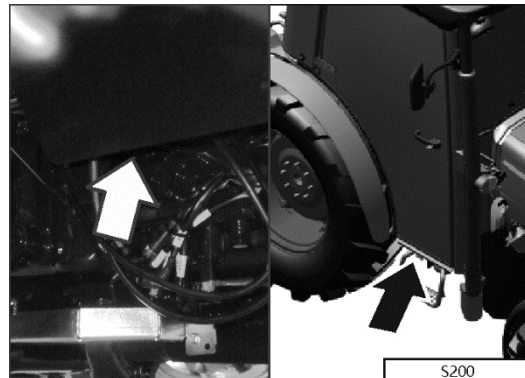
S92B - Rear work lights switch



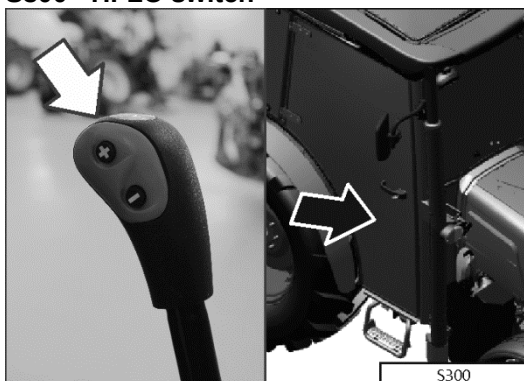
S106 - Hazard switch



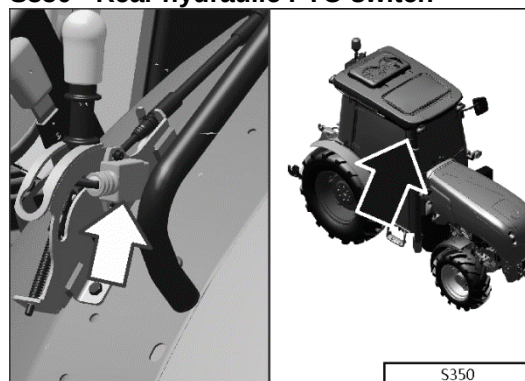
S200 - End stroke switch



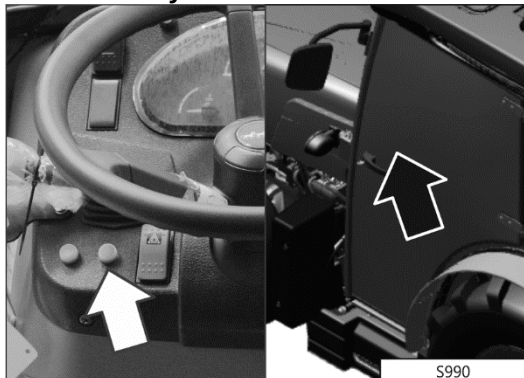
S300 - HI-LO switch



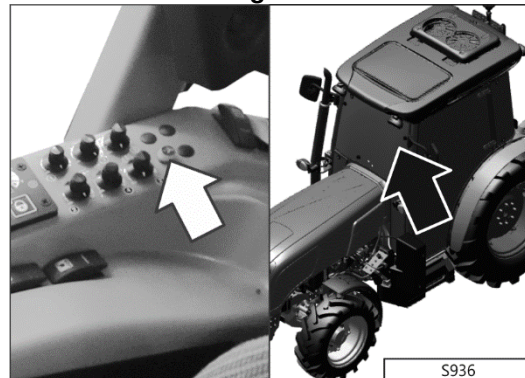
S350 - Rear hydraulic PTO switch



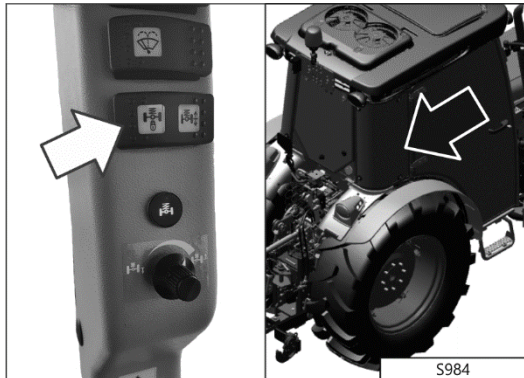
S900 - Battery cutt-off switch



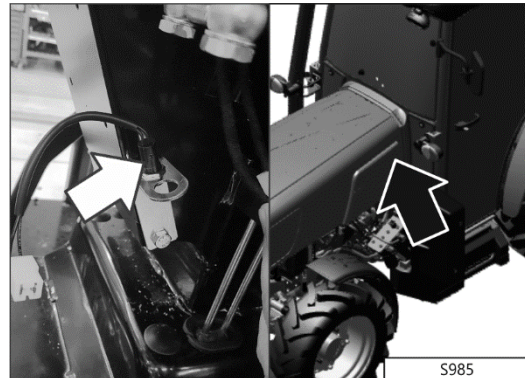
S936 - 4WD steering function



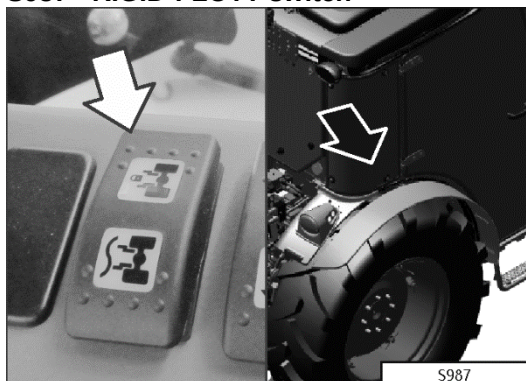
S984 - IFAS mode switch



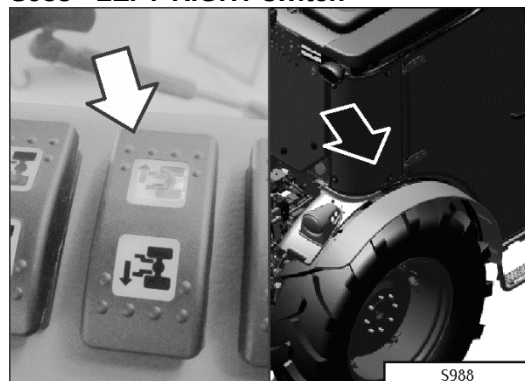
S985 - IFAS calibration button



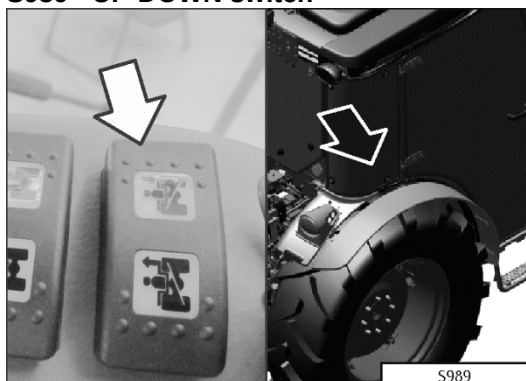
S987 - RIGID-FLOTT switch



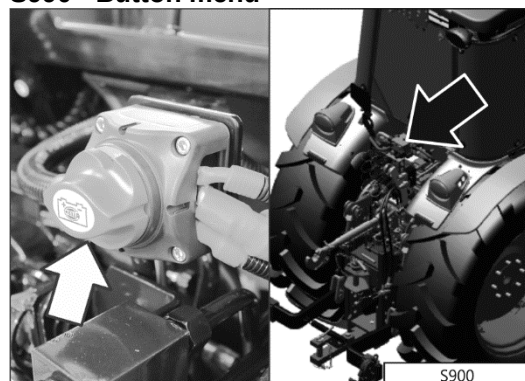
S988 - LEFT-RIGHT switch



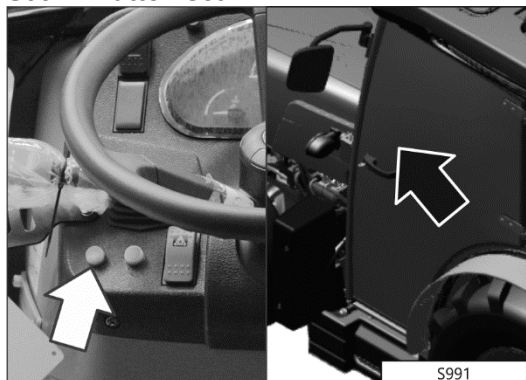
S989 - UP-DOWN switch



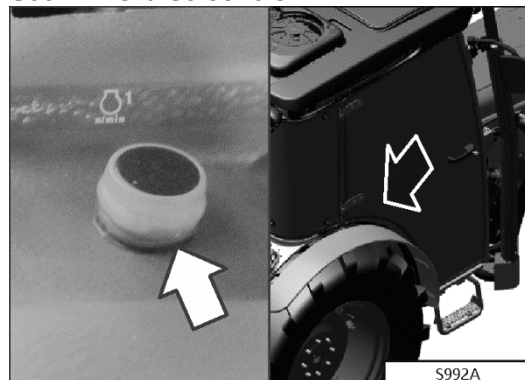
S990 - Button menu



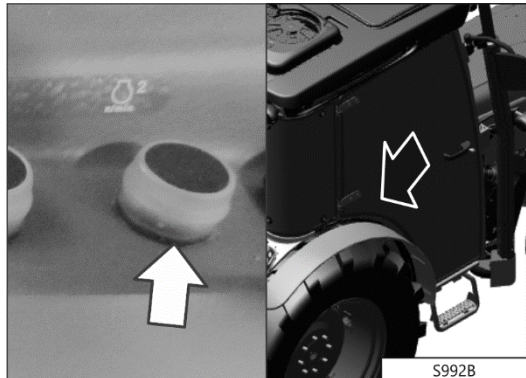
S991 - Button set



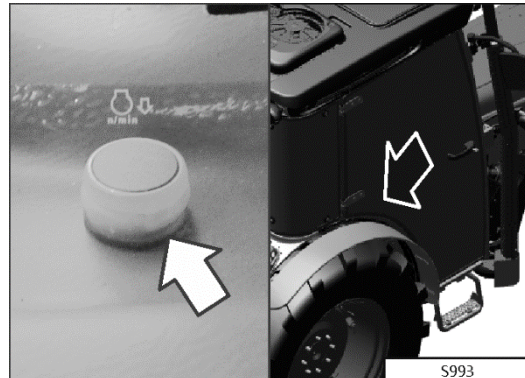
S992A - Cruise control MEM1



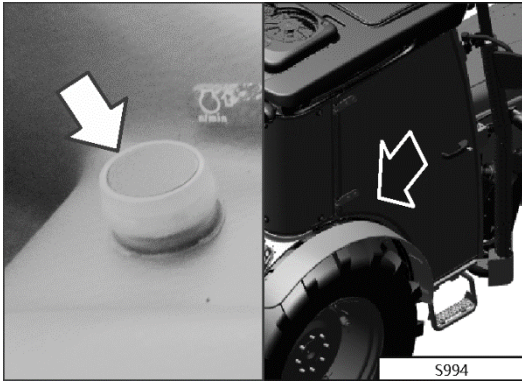
S992B - Cruise control MEM2



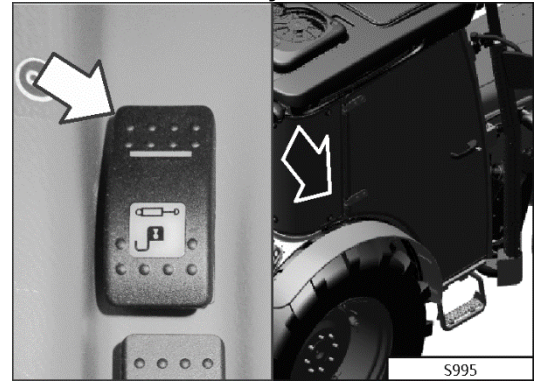
S993 - Cruise control DW



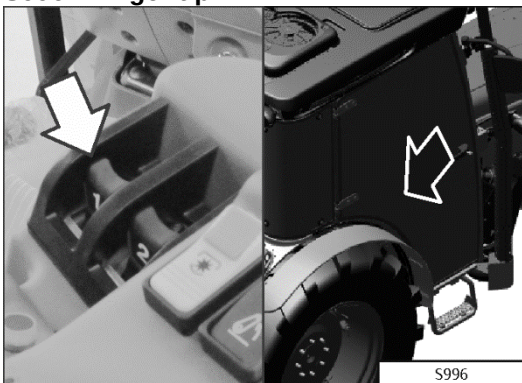
S994 - Cruise control UP



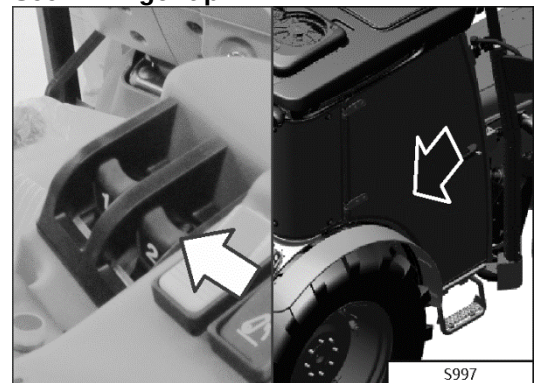
S995 - E-SCVS safety switch



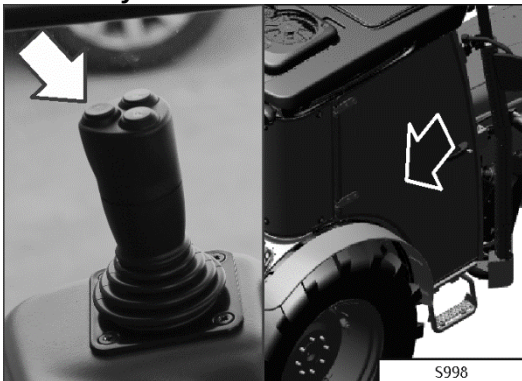
S996 - Finger tip 1



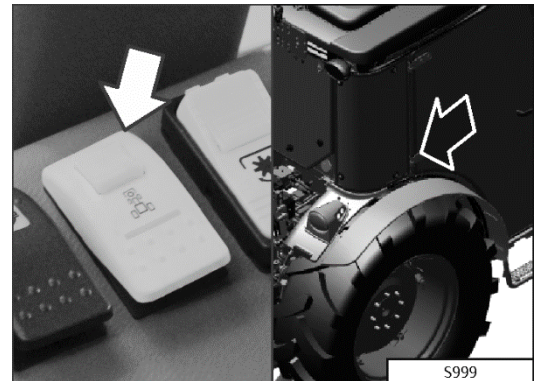
S997 - Finger tip 2



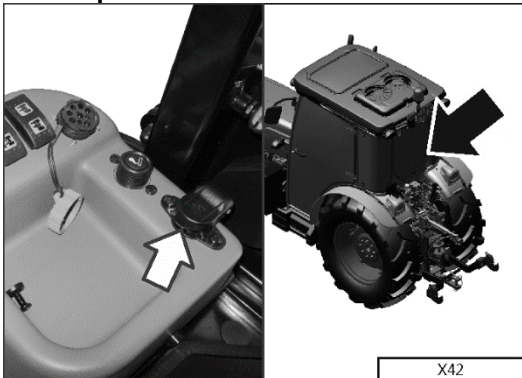
S998 - Joystick



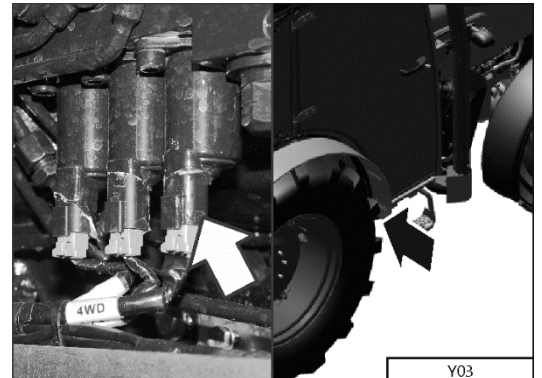
S999 - Front PTO switch



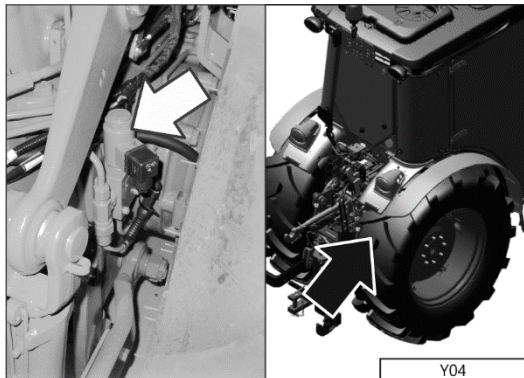
X42 - 3 pole socket



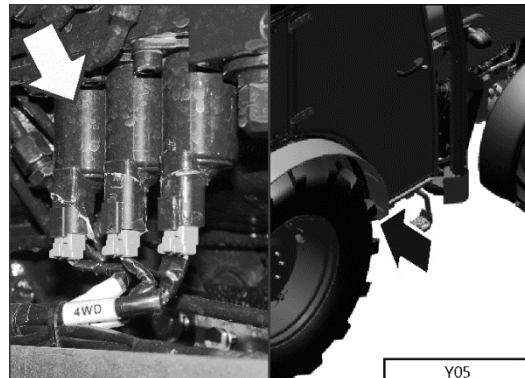
Y03 - 4WD solenoid valve



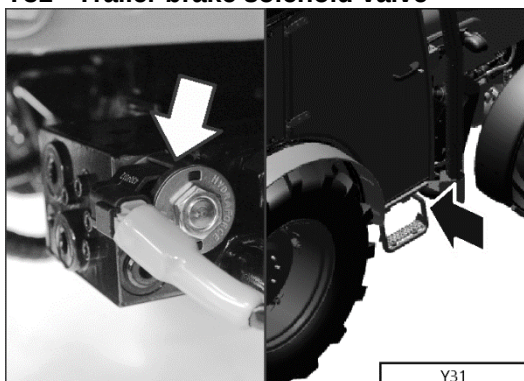
Y04 - PTO main valve connection



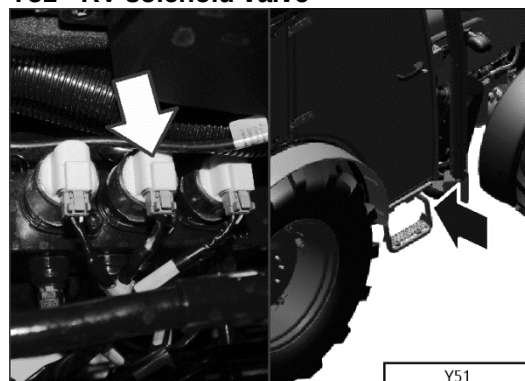
Y05 - Diff-lock solenoid valve



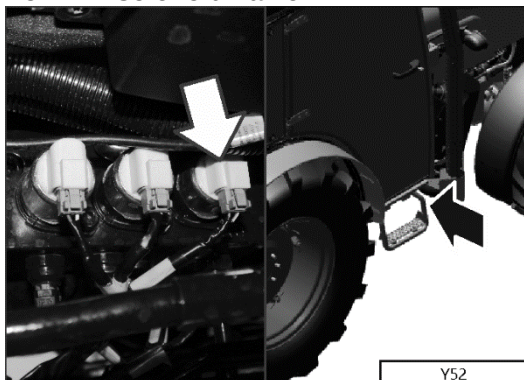
Y31 - Trailer brake solenoid valve



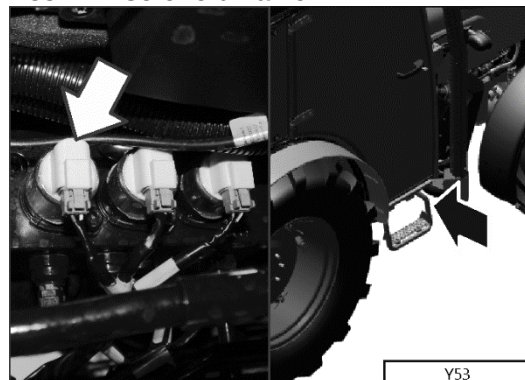
Y51 - RV solenoid valve



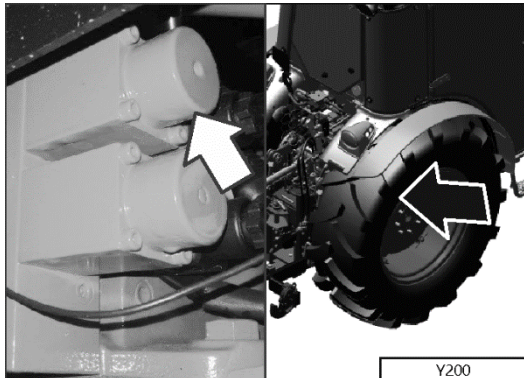
Y52 - FL solenoid valve



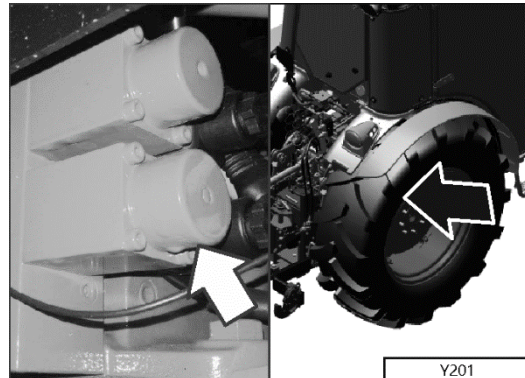
Y53 - FH solenoid valve



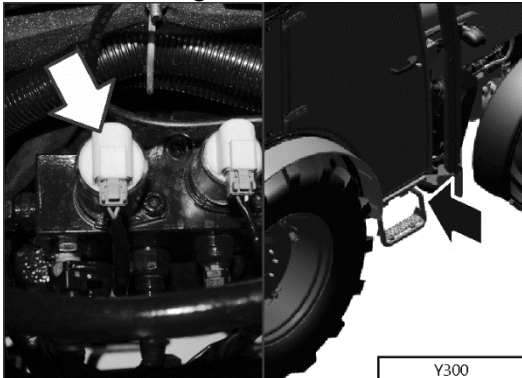
Y200 - Electronic hitch solenoid valve UP



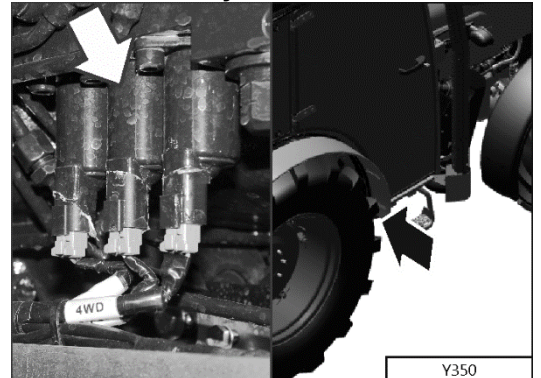
Y201 - Electronic hitch solenoid valve DOWN



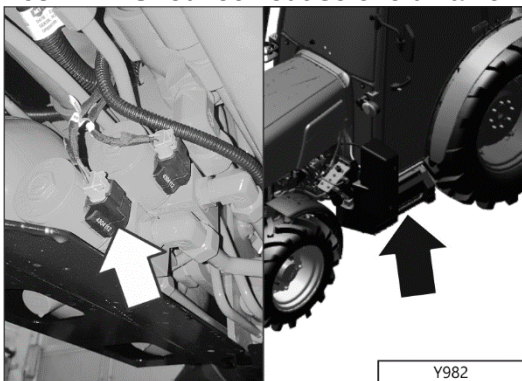
Y300 - Main ring solenoid valve



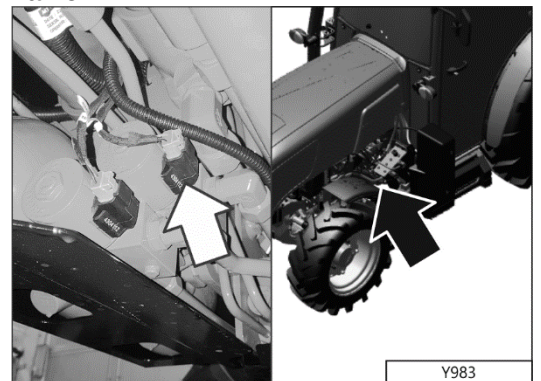
Y350 - PTO safety solenoid valve



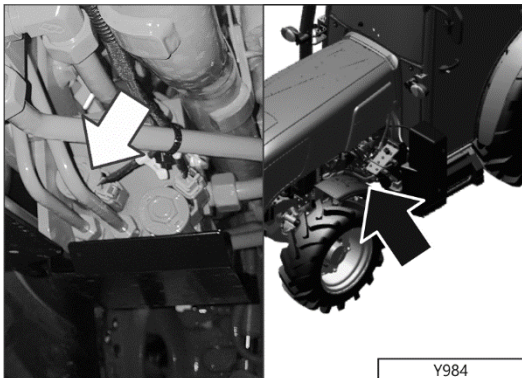
Y982 - IFAS rod lock out solenoid valve



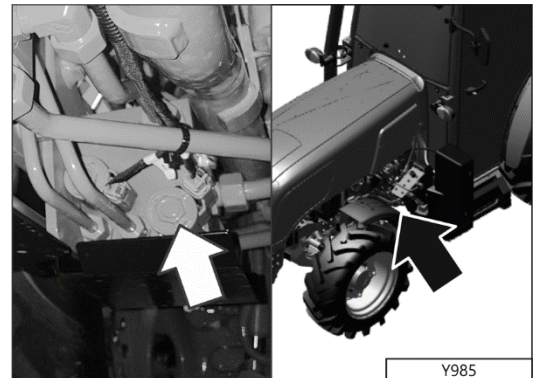
Y983 - IFAS piston lock out solenoid valve



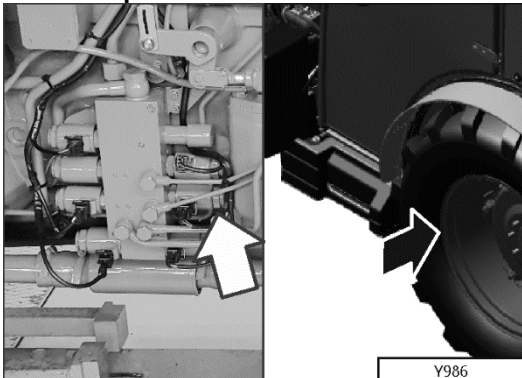
Y984 - IFAS axle lower solenoid valve



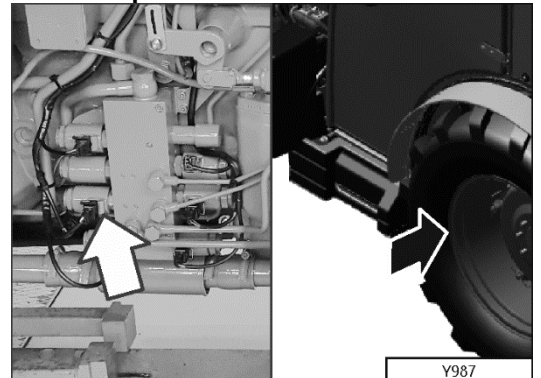
Y985 - IFAS axle raise solenoid valve



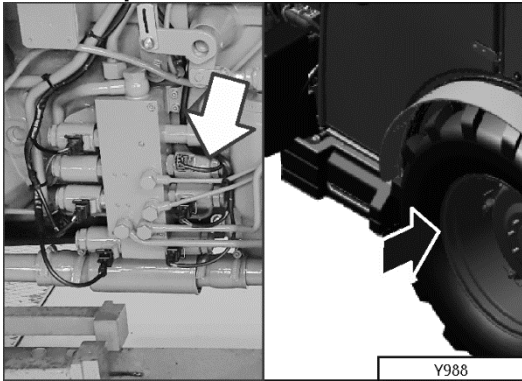
Y986 - Deport solenoid valve 7



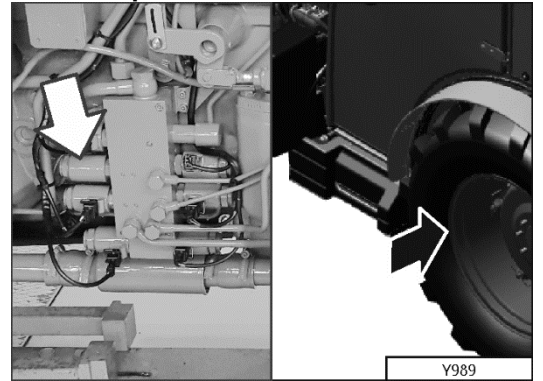
Y987 - Deport solenoid valve 6



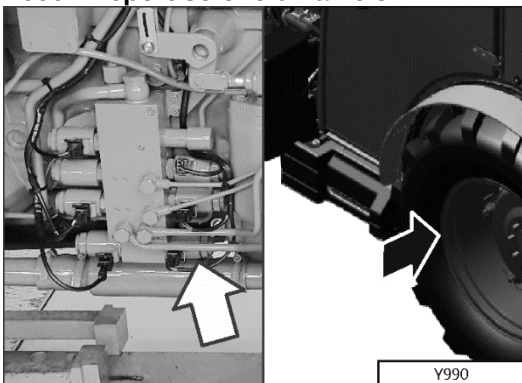
Y988 - Deport solenoid valve 5



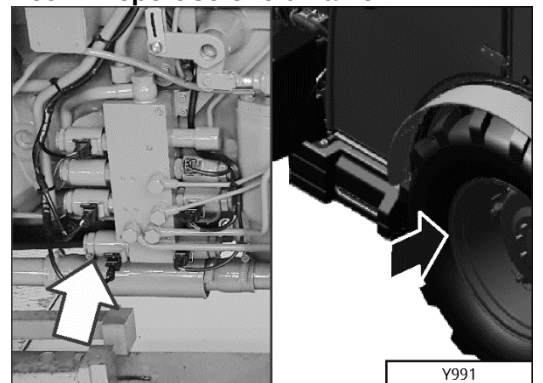
Y989 - Deport solenoid valve 4



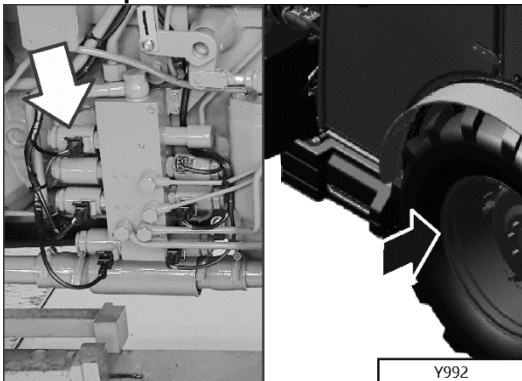
Y990 - Deport solenoid valve 3



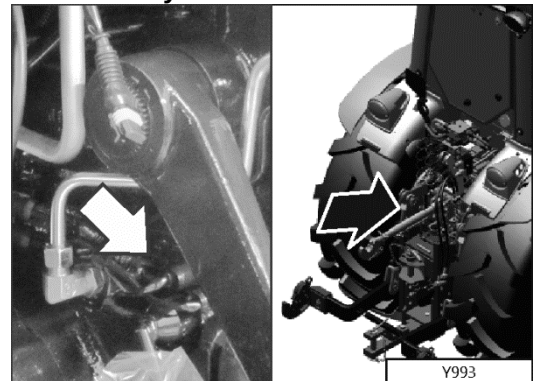
Y991 - Deport solenoid valve 2



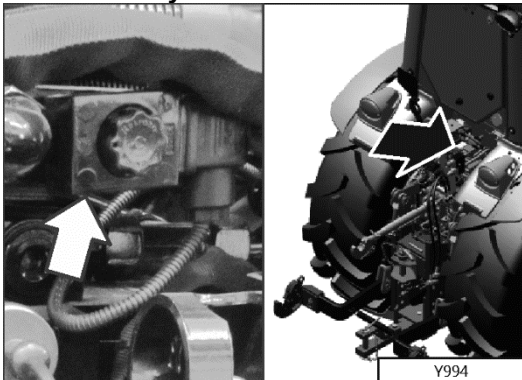
Y992 - Deport solenoid valve 1



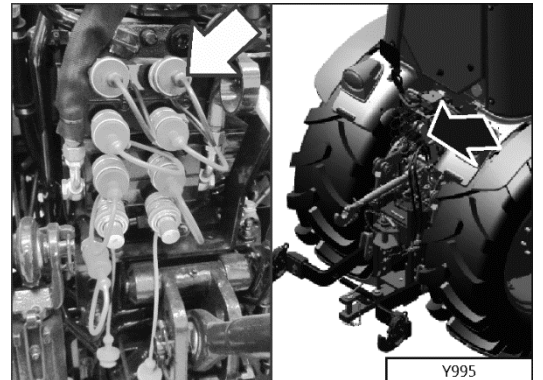
Y993 - Safety solenoid valve



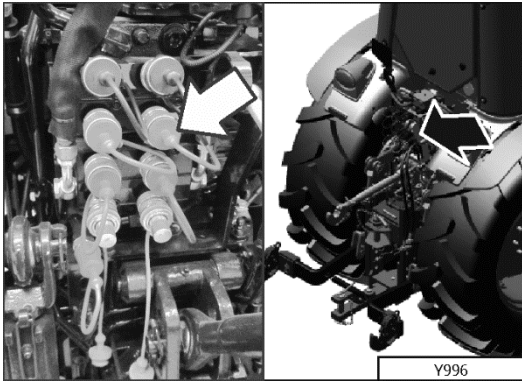
Y994 - Priority solenoid valve



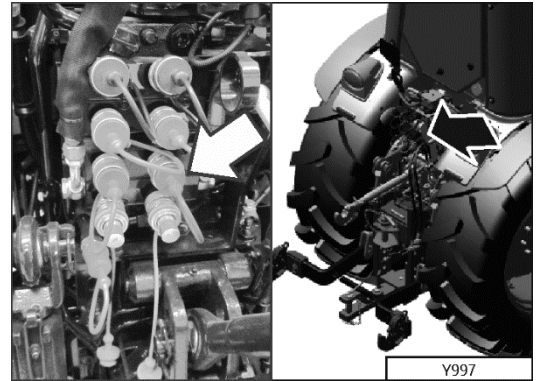
Y995 - E-SCV valve 6



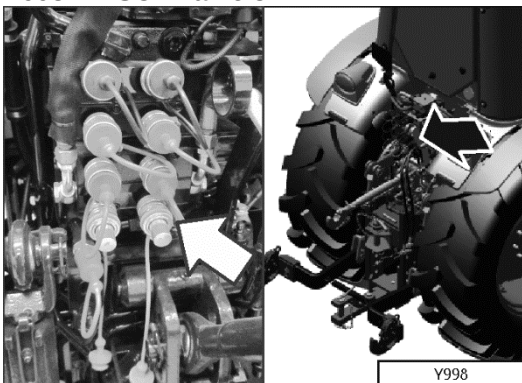
Y996 - E-SCV valve 5



Y997 - E-SCV valve 4



Y998 - E-SCV valve 3



Y999 - Front PTO solenoid valve

