W45

W02

W29

F03
Main harness fuse (50 A)
P291 P291

F01
Glow plugs fuse (60A)
P292 P292

F02
Engine ECU fuse (70A)
P293 P293

SP1 SP2 SP30

J12 P23

13 - ENGINE-4/P11/Glow Plug ECU
13 - ENGINE-PIN1/SP87
13 - ENGINE-PIN1/SP87
13 - ENGINE-PIN1/SP9
13 - ENGINE-PIN1/SP9

13 - ENGINE-PIN1/SP9
PIN1 PIN7 PIN2 PIN10 PIN15
P16 J17

3 - INSTRUMENT PANEL-PIN11/P16
13 - ENGINE-PIN1/SP9
Diode 600V 2A

AC compressor clutch
P25
GND_COMPRESSOR METALLIC CASE

2 - FUSE & RELAY BOX-PIN1/SP254
3 - INSTRUMENT PANEL-25/P74/INSTRUMENT PANEL

K01
STARTER RELAY
P339 P339

SP1588
10 - PTO-30/J31

SP_ACC
2 - FUSE & RELAY BOX-F14b/P289/FUSE BOX
2 - FUSE & RELAY BOX-F13b/P289/FUSE BOX
4 - LIGHTS-1/P333/BLINKER LEVER

SP_+15
2 - FUSE & RELAY BOX-F6b/P289/FUSE BOX
2 - FUSE & RELAY BOX-F10b/P289/FUSE BOX
2 - FUSE & RELAY BOX-F11b/P289/FUSE BOX
2 - FUSE & RELAY BOX-F7b/P289/FUSE BOX
2 - FUSE & RELAY BOX-F5b/P289/FUSE BOX
2 - FUSE & RELAY BOX-F4b/P289/FUSE BOX
2 - FUSE & RELAY BOX-F2b/P289/FUSE BOX
2 - FUSE & RELAY BOX-F1b/P289/FUSE BOX

2 - FUSE & RELAY BOX-6_87/P313/RELAY BOX

S01
IGNITION KEY
P340 P340

SP_+30
2 - FUSE & RELAY BOX-F12b/P289/FUSE BOX
2 - FUSE & RELAY BOX-F8b/P289/FUSE BOX
2 - FUSE & RELAY BOX-F3b/P289/FUSE BOX
2 - FUSE & RELAY BOX-F9b/P289/FUSE BOX

G01
BATTERY
P758 P757

G02
ALTERNATOR
P751 P27

M01
STARTER MOTOR
P465 P26 P24

S900
BATTERY POWER SWITCH
P473 P444 P568

J12 - Connection to P23
J17 - Connection to P16
P16 - Connection to J17
P23 - Connection to J12
P24 - Connection to Starter motor M01
P25 - Connection to AC compressor clutch
P26 - Connection to Starter motor M01
P27 - Connection to Alternator G02
P291 - Connection to Main fuse F03
P292 - Connection to Glow plug fuse F01
P293 - Connection to Engine ECU fuse F02
P339 - Connection to Starter relay K01
P340 - Connection to Ignition switch S01
P444 - Connection to Battery cutt-off switch S900
P465 - Connection to Starter motor M01
P473 - Connection to Battery cutt-off switch S900
P568 - Connection to Battery cutt-off switch S900
P751 - Connection to Alternator G02
P757 - Connection to Battery G01
P758 - Connection to Battery G01

W45_1

W29

FUSE BOX

4 - LIGHTS-PIN1/SP_+58 L-G 1,0
4 - LIGHTS-PIN1/SP_+58 L-G 1,0
1 - POWER SUPPLY-PIN1/SP_ACC C 1,5
1 - POWER SUPPLY-PIN1/SP_ACC C 1,5
1 - POWER SUPPLY-PIN1/SP_+30 R 1,5
1 - POWER SUPPLY-PIN1/SP_+15 M 1,0
1 - POWER SUPPLY-PIN1/SP_+15 M 1,5
1 - POWER SUPPLY-PIN1/SP_+30 R 1,5
1 - POWER SUPPLY-PIN1/SP_+30 R 0,75
1 - POWER SUPPLY-PIN1/SP_+15 M 0,75
1 - POWER SUPPLY-PIN1/SP_+15 M 0,75
1 - POWER SUPPLY-PIN1/SP_+15 M 1,5
1 - POWER SUPPLY-PIN1/SP_+15 M 0,75
1 - POWER SUPPLY-PIN1/SP_+30 R 1,0
1 - POWER SUPPLY-PIN1/SP_+15 M 1,0
1 - POWER SUPPLY-PIN1/SP_+15 M 0,75

F16 F15 F14 F13 F12 F11 F10 F9 F8 F7 F6 F5 F4 F3 F2 F1

P289 P289

G-N 1,0 » 4 - LIGHTS-2/J33
G 1,0 » 4 - LIGHTS-PIN1/SP252
H-L 1,5
M-R 1,5 » 4 - LIGHTS-3/P327/HAZARD
Z-N 1,0 » 4 - LIGHTS-PIN1/SP_F11
L 1,5 » 3 - INSTRUMENT PANEL-1/P685
S-N 1,5 » 6 - BEACON LIGHT-14/J33
S-N 1,0
Z-R 0,75 » 12 - THROTTLES-23/J31
Z-R 0,75 » 3 - INSTRUMENT PANEL-1/P74/INSTRUMENT PANEL
SP598
Z-R 0,75 » 3 - INSTRUMENT PANEL-21/P74/INSTRUMENT PANEL
G-R 0,75 » 9 - 24+24 HYD HI-LO-21/J33
C-N 0,75
G-R 0,75 » 3 - INSTRUMENT PANEL-2/P74/INSTRUMENT PANEL
G-V 1,5 » 12 - THROTTLES-18/J33
SP555
A-B 0,75 » 12 - THROTTLES-12/J33
R-V 1,0 » 8 - POWER SOCKET-11/J33
L-V 1,0 » 8 - POWER SOCKET-22/J33

0,75 B-R

RELAY BOX

4 - LIGHTS-3/P612/H3 WORK LIGHT SWITCH S-H 0,75
3 - INSTRUMENT PANEL-48/P74/INSTRUMENT PANEL C 0,75
12 - THROTTLES-21/J31 C 0,75
10 - PTO-1/P658/CLUTCH END-STROKE SWITCH R-L 0,75
3 - INSTRUMENT PANEL-23/P74/INSTRUMENT PANEL V 0,5
3 - INSTRUMENT PANEL-3/P74/INSTRUMENT PANEL H 0,5
4 - LIGHTS-3/P298/H4 WORK LIGHT SWITCH N-Z 0,75
V-B 1,5
4 - LIGHTS-6/P333/BLINKER LEVER V-S 0,75
4 - LIGHTS-5/P333/BLINKER LEVER H-R 0,75

1,5 V-N
H-N
0,75 C-N

K7 7_87a 7_87 7_30 7_86
K6 6_87a 6_87 6_30 6_86
K5 5_87a 5_87 5_30 5_86
K4 4_87a 4_87 4_30 4_86
K3 3_87a 3_87 3_30 3_86
K2 2_87a 2_87 2_30 2_86
K1 1_87a 1_87 1_30 1_86

P313 P313

7_87a 7_87 7_85
6_87a 6_87 6_85
5_87a 5_87 5_85
4_87a 4_87 4_85
3_87a 3_87 3_85
2_87a 2_87 2_85
1_87a 1_87 1_85

H-G 1,5 » 5 - BONNET-PIN1/SP1527
C-B 0,75 » 1 - POWER SUPPLY-2/P339/STARTER RELAY
B-Z 0,75
B-N 0,75 » 3 - INSTRUMENT PANEL-25/J31
NEUTRAL_CREEPER_DIODE 1N4007 1A
V 1,5 » 5 - BONNET-PIN1/SP_+56a
V-G 1,0 » 5 - BONNET-6/J33
V-G 1,0 » 5 - BONNET-5/J33
H 1,5 » 5 - BONNET-PIN1/SP_+56b
H-G 1,5 » 5 - BONNET-PIN1/SP1527
C-V 0,75 » 11 - VFR MR-20/J31
A-N 0,5 » 11 - VFR MR-1/P314/VFR WARNING LIGHT
A-N 0,5 » 7 - 4WD & D/L-17/J33
M-L 0,5
M-L 0,5 » 3 - INSTRUMENT PANEL-69/P74/INSTRUMENT PANE

0,5 N

P481
N 1,5
2
1
AUX FUEL TANK POWER SUPPLY

SP65
C-N 0,75
C-N 0,75 » 12 - THROTTLES-20/J33
C-N 0,5 » 11 - VFR MR-3/P314/VFR WARNING LIGHT

G-V 1,5

SP254 SP_GND_DB

1 - POWER SUPPLY-1/P339/STARTER RELAY N 0,75
4 - LIGHTS-7/P298/H4 WORK LIGHT SWITCH N 0,5
5 - BONNET-F/J40 N 1,0
5 - BONNET-G/J40 N 1,0
3 - INSTRUMENT PANEL-2/P322/BUTTON 2 N 0,5
4 - LIGHTS-1/P326/FLASHER UNIT N 1,0
11 - VFR MR-4/P314/VFR WARNING LIGHT N 0,5
3 - INSTRUMENT PANEL-PIN1/SP_TW1 N 0,75

N 0,5 » 4 - LIGHTS-10/P327/HAZARD
N 0,5 » 3 - INSTRUMENT PANEL-2/P321/BUTTON 1
N 0,75 » 3 - INSTRUMENT PANEL-40/P74/INSTRUMENT PANEL
N 1,5 » 10 - PTO-3/P431
N 1,0 » 5 - BONNET-C/J40
N 0,5 » 4 - LIGHTS-7/P612/H3 WORK LIGHT SWITCH
N 6,0 » 1 - POWER SUPPLY-7/J17
N 0,75 » 10 - PTO-3/P658/CLUTCH END-STROKE SWITCH

C-N 0,75

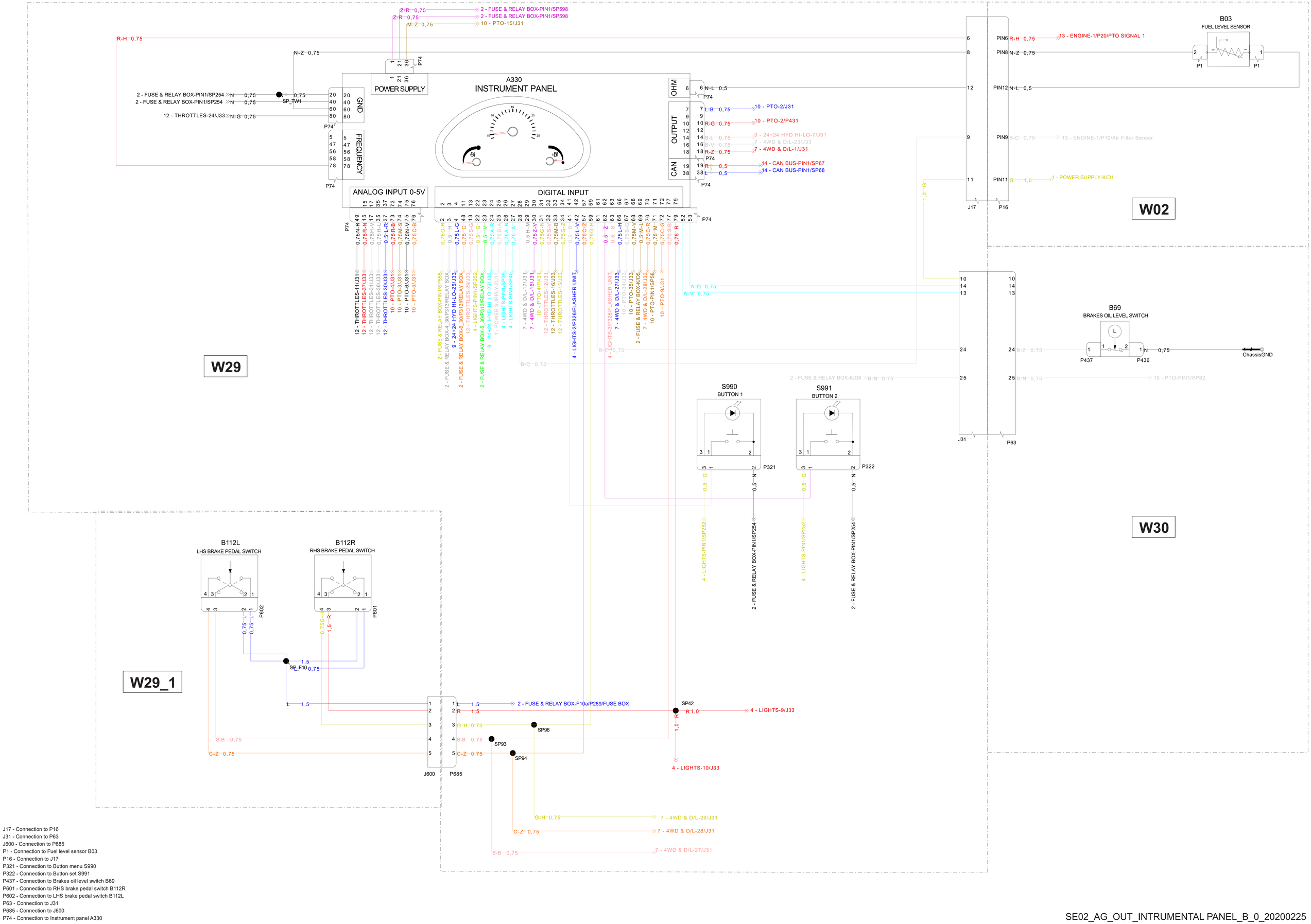
5 J17 16
PIN5 PIN16 P16

0,75 C-N
0,75 B-R

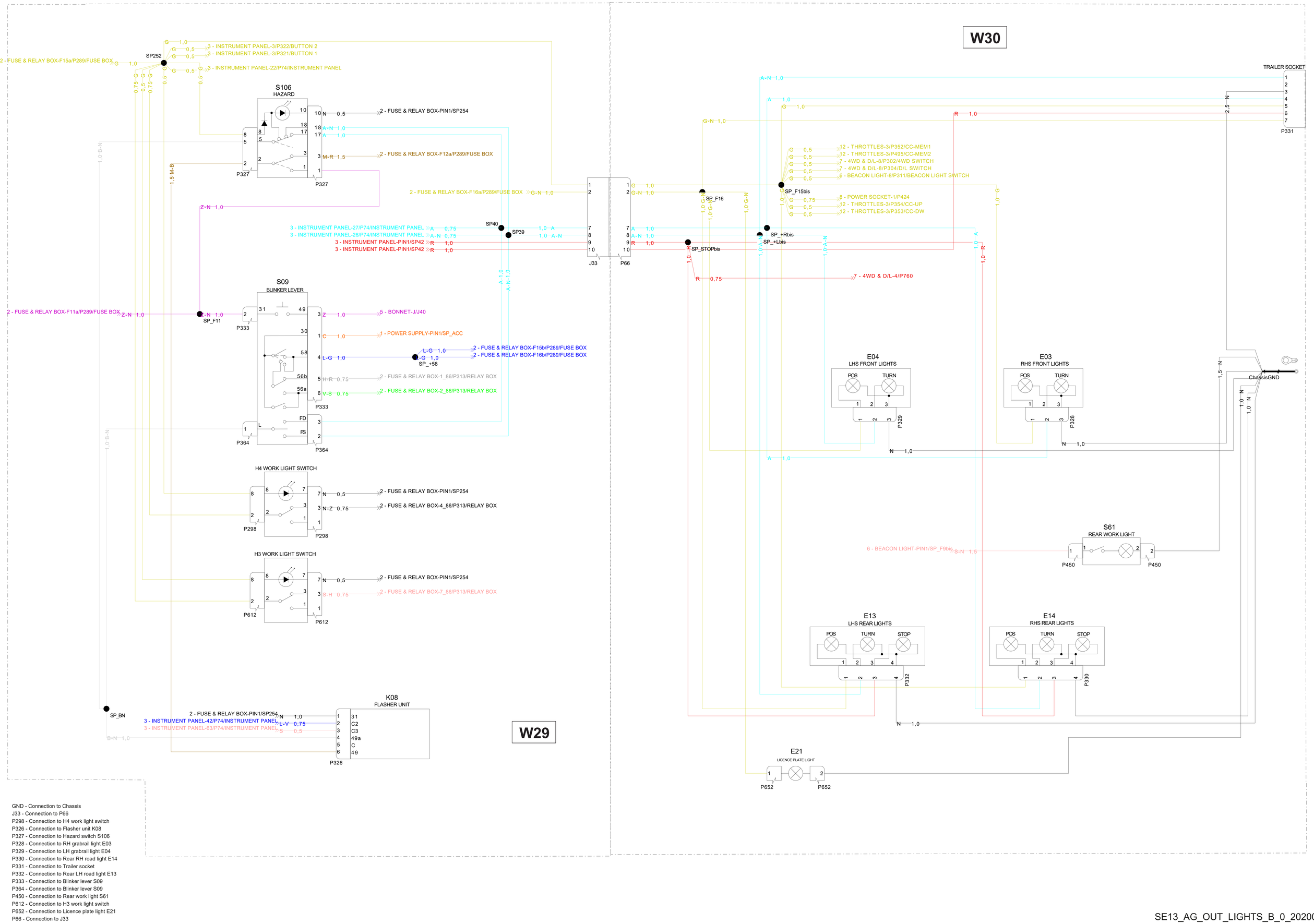
13 - ENGINE-PIN1/SP4
13 - ENGINE-PIN1/SP90

W02

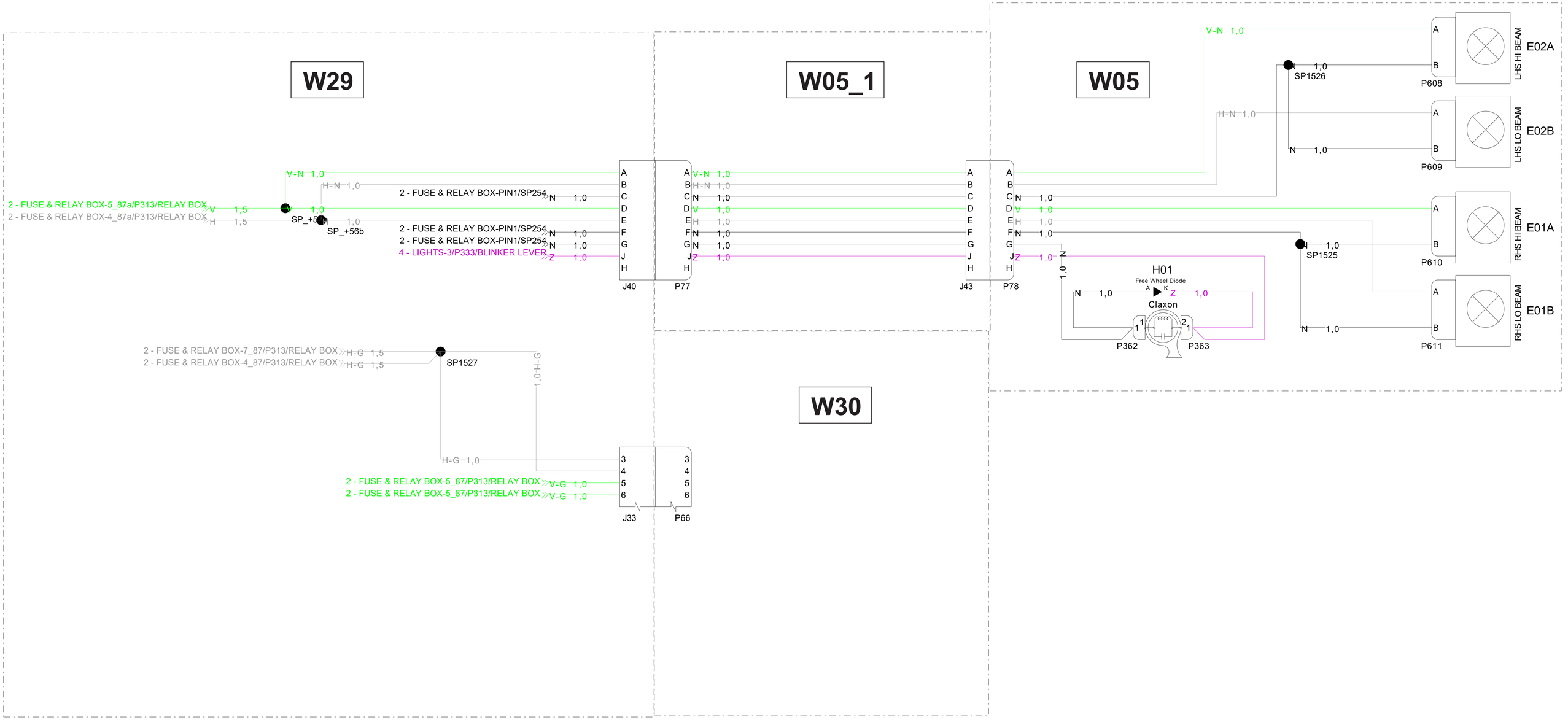
J17 - Connection to P16
P16 - Connection to J17
P289 - Connection to Fuse box
P313 - Connection to Relay box
P481 - Connection to Aux fuel tank power supply



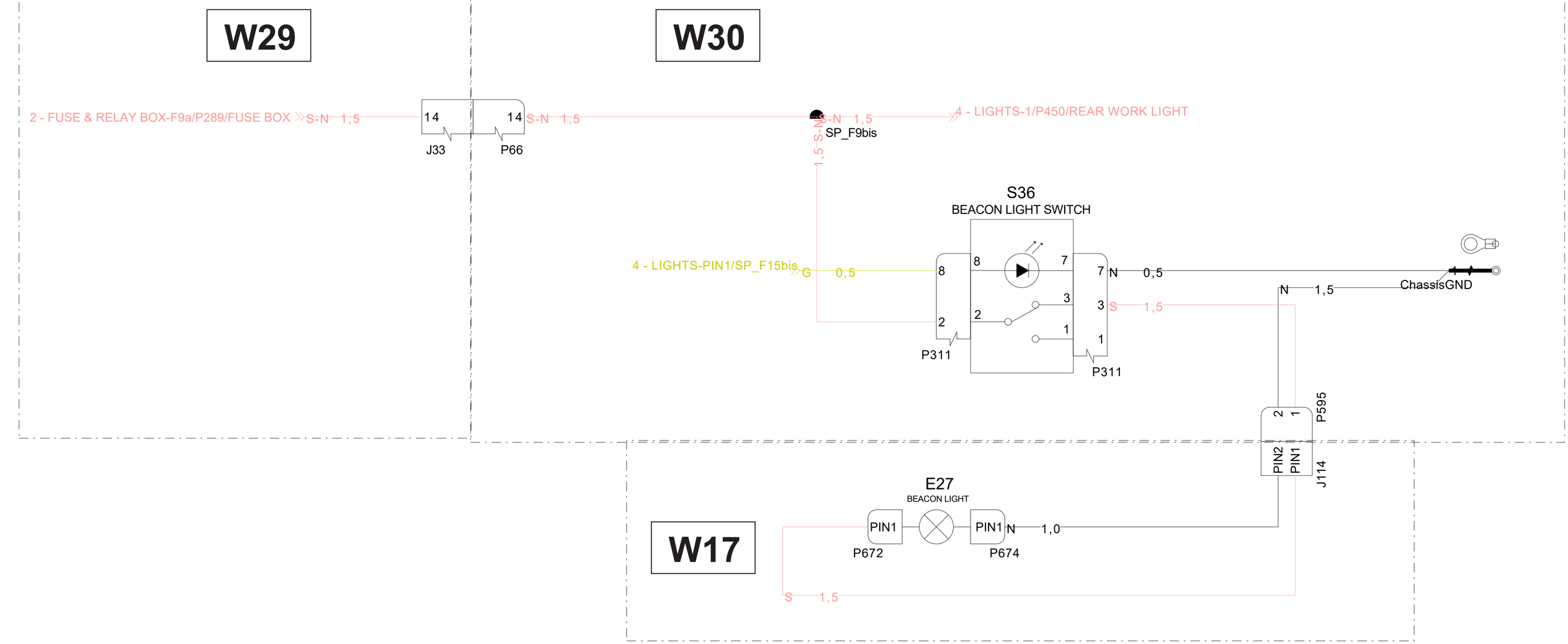
J17 - Connection to P16
J31 - Connection to P63
J600 - Connection to P685
P1 - Connection to Fuel level sensor B03
P16 - Connection to J17
P321 - Connection to Button menu S990
P322 - Connection to Button set S991
P437 - Connection to Brakes oil level switch B69
P601 - Connection to RHS brake pedal switch B112R
P602 - Connection to LHS brake pedal switch B112L
P63 - Connection to J31
P685 - Connection to J600
P74 - Connection to Instrument panel A330



GND - Connection to Chassis
J33 - Connection to P66
P298 - Connection to H4 work light switch
P326 - Connection to Flasher unit K08
P327 - Connection to Hazard switch S106
P328 - Connection to RH grabrail light E03
P329 - Connection to LH grabrail light E04
P330 - Connection to Rear RH road light E14
P331 - Connection to Trailer socket
P332 - Connection to Rear LH road light E13
P333 - Connection to Blinker lever S09
P364 - Connection to Blinker lever S09
P450 - Connection to Rear work light S61
P612 - Connection to H3 work light switch
P652 - Connection to Licence plate light E21
P66 - Connection to J33



J33 - Connection to P66
J40 - Connection to P77
J43 - Connection to P78
P362 - Connection to Claxon H01
P363 - Connection to Claxon H01
P608 - Connection to LHS Low beam E02A
P609 - Connection to LHS High beam E02B
P610 - Connection to RHS Low beam E01A
P611 - Connection to RHS High beam E01B
P66 - Connection to J33
P77 - Connection to J40
P78 - Connection to J43



GND - Connection to Chassis
J33 - Connection to P66
J34 - Connection to P595
P311 - Connection to Beacon switch S36
P595 - Connection to J114
P66 - Connection to J33
P672 - Connection to Beacon light E27
P674 - Connection to Beacon light E27

W29

W30

S63
4WD SWITCH

S22
D/L SWITCH

B988
4WD PRESSURE SWITCH

B987
D/L PRESSURE SWITCH

B05
Hand brake switch

Y03
4WD Valve

Y05
D/L Valve

4WD free wheel diode - 2A 100V

D/L free wheel diode - 2A 100V

2 - FUSE & RELAY BOX-K/D5 » M-L 0,5 — 17 — 17 — M-L 0,5

3 - INSTRUMENT PANEL-16/P74/INSTRUMENT PANEL » B-V 0,75 — 23 — 23 — B-V 0,75

3 - INSTRUMENT PANEL-66/P74/INSTRUMENT PANEL » L-H 0,75 — 27 — 27

3 - INSTRUMENT PANEL-70/P74/INSTRUMENT PANEL » C-R 0,75 — 28 — 28 — C-R 0,75

J33 — P66

L-H 0,75

4 - LIGHTS-PIN1/SP_F15bis » G 0,5 — P302 8 — P302 7

P302 2 — P302 1 — C-N 0,75 » 12 - THROTTLES-PIN1/SP_F6bis

P302 3 — P302 3 — 0,5 N — ChassisGND

4 - LIGHTS-PIN1/SP_F15bis » G 0,5 — P304 8 — P304 7

P304 2 — P304 1 — C-N 0,75 » 12 - THROTTLES-PIN1/SP_F6bis

P304 3 — P304 3 — 0,5 N — ChassisGND

D8 A K — M-G 0,75 — M-G 0,75

0,75 B-V

PIN1 — PIN2 — P358 — P358

12 - THROTTLES-PIN1/SP_F6bis » C-N 0,75 — P306 1 — P306 2

3 - INSTRUMENT PANEL-30/P74/INSTRUMENT PANEL » Z-V 0,75 — 16 — 16

3 - INSTRUMENT PANEL-29/P74/INSTRUMENT PANEL » H-M 0,5 — 17 — 17

Z-V 1,0

H-M 1,0

N 0,75

N 0,75

3 - INSTRUMENT PANEL-18/P74/INSTRUMENT PANEL » R-Z 0,75 — 1 — 1 — R-Z 0,75

3 - INSTRUMENT PANEL-PIN1/SP96 » G-H 0,75 — 29 — 29

3 - INSTRUMENT PANEL-PIN1/SP93 » S-B 0,75 — 27 — 27

3 - INSTRUMENT PANEL-PIN1/SP94 » C-Z 0,75 — 28 — 28

10 - PTO-2/P658/CLUTCH END-STROKE SWITCH » N 0,75 — 26 — 26

J31 — P63

0,75 C-Z

0,75 S-B

0,75 G-H

12 - THROTTLES-PIN1/SP_F6bis » C-N 0,75 — P307 1 — P307 2

P307 1 — P307 2

12 - THROTTLES-PIN1/SP_F4 » A-B 0,75 — P308 2 — P308 3 — M-L 0,5 — SP_HAND BRAKE

P308 1 — P308 4 — SP_HB

D7 A K — R-Z 0,75

0,75 N

PIN1 — PIN2 — P359 — P359

8 N-G 0,75

1

2

3

4 R 0,75 » 4 - LIGHTS-PIN1/SP_STOPbis

5 M-L 0,5

6 C 0,75 » 12 - THROTTLES-PIN1/SP SEAT SWITCH

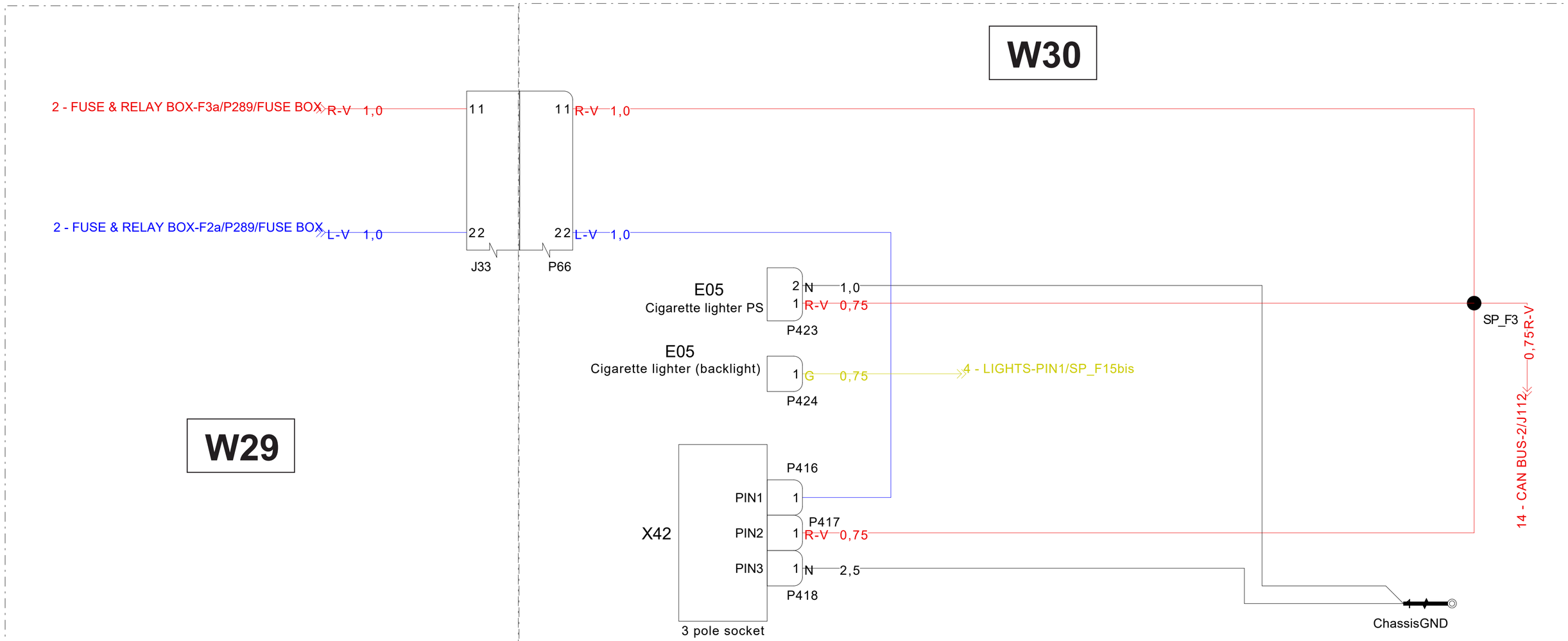
7 B-N 0,75 » 10 - PTO-PIN1/SP82

TO BE PLUGGED ON P760

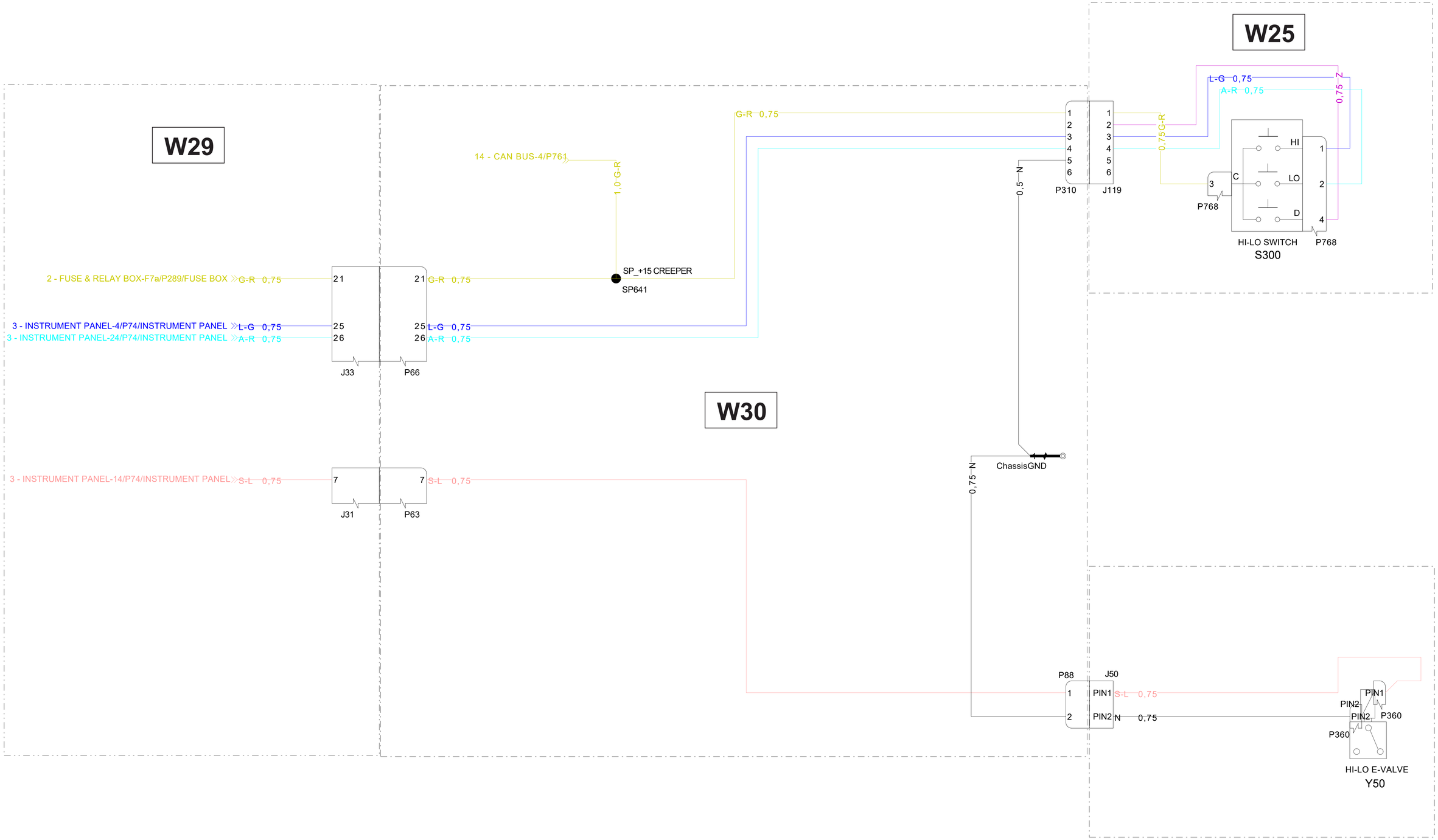
J147 — P760

CREEPER SIGNAL PREDISPOSITION

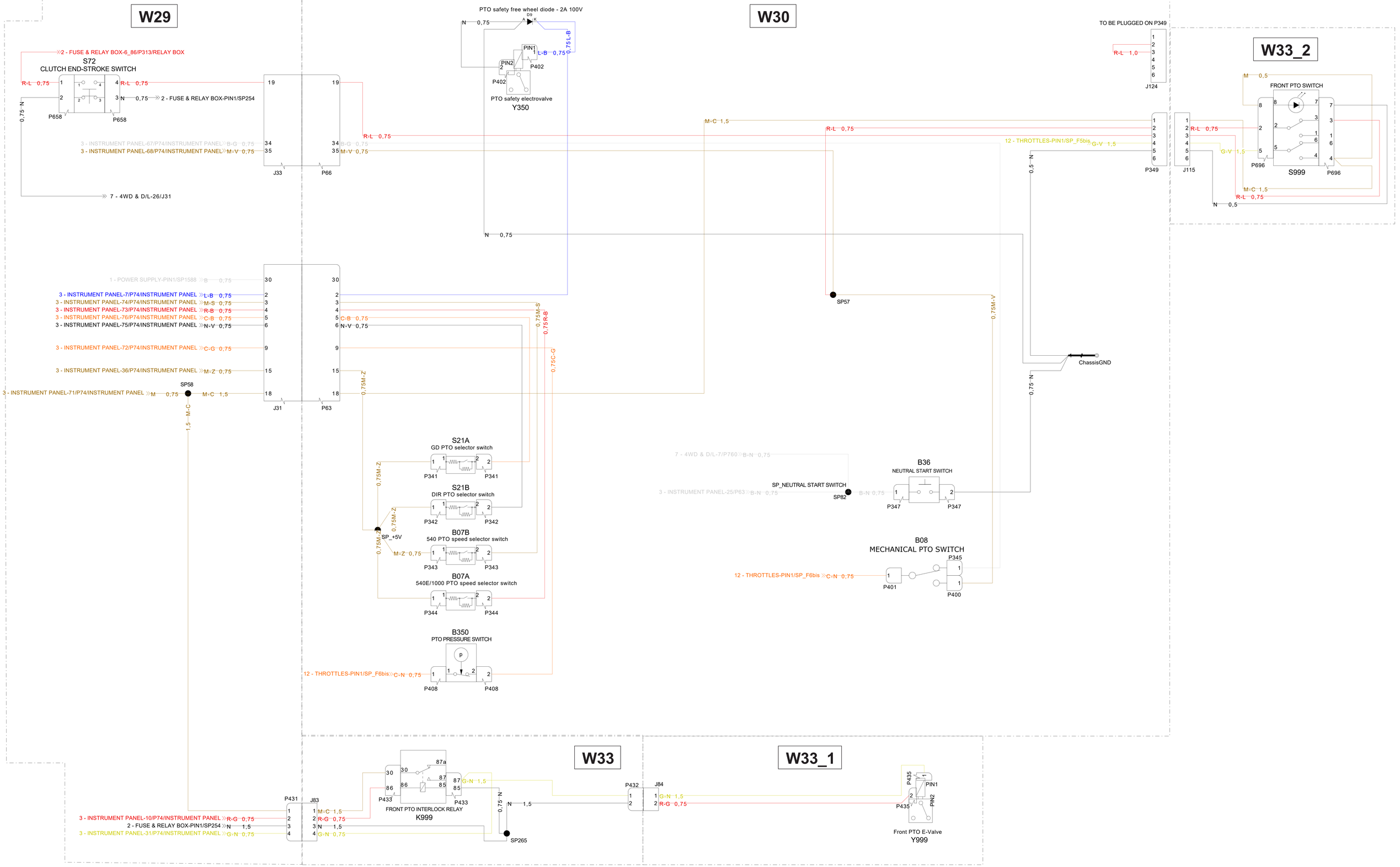
GND - Connection to Chassis
J147 - Connection to creeper signal predisposition P760
J31 - Connection to P63
J33 - Connection to P66
P302 - Connection to 4WD switch S63
P304 - Connection to Diff-lock switch S22
P306 - Connection to 4WD pressure switch B988
P307 - Connection to Diff-lock pressure switch B987
P308 - Connection to Hand brake switch B05
P358 - Connection to 4WD solenoid valve Y03
P359 - Connection to Diff-lock solenoid valve Y05
P63 - Connection to J31
P66 - Connection to J33
P760 - Connection to J147



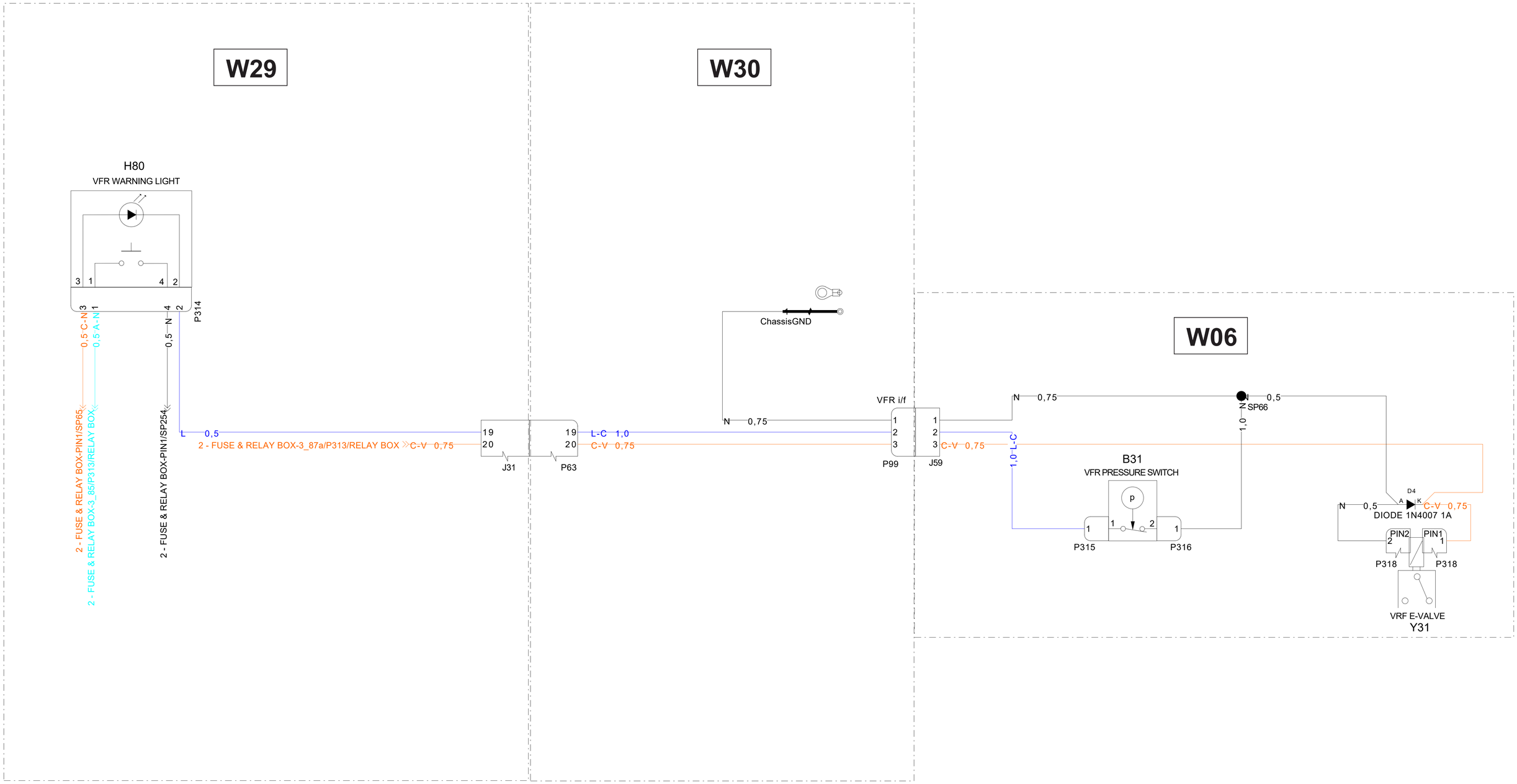
GND - Connection to Chassis
J33 - Connection to P66
P416 - Connection to 3 pole socket X42
P417 - Connection to 3 pole socket X42
P418 - Connection to 3 pole socket X42
P423 - Connection to Cigarette lighter E05
P424 - Connection to Cigarette lighter E05
P66 - Connection to J33



GND - Connection to Chassis
J119 - Connection to P310
J50 - Connection to P88
P310 - Connection to J119
P360 - Connection to HI-LO solenoid valve Y50
P63 - Connection to J31
P66 - Connection to J33
P768 - Connection to HI-LO switch S300
P88 - Connection to J50



GND - Connection to Chassis
J115 - Connection to P349
J124 - Connection to FPTO switch predisposition P349
J31 - Connection to P63
J33 - Connection to P66
J83 - Connection to P431
J84 - Connection to P432
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
P349 - Connection to J115 (Option)
P349 - Connection to J124 (Option)
P400 - Connection to Mechanical PTO switch B08
P401 - Connection to Mechanical PTO switch B08
P402 - Connection to PTO safety solenoid valve Y350
P408 - Connection to PTO pressure switch B350
P431 - Connection to J83
P432 - Connection to J84
P433 - Connection to Front PTO interlock relay K999
P435 - Connection to Front PTO solenoid valve Y999
P63 - Connection to J31
P658 - Connection to Clutch pedal end stroke switch S72
P66 - Connection to J33
P696 - Connection to Front PTO switch S999



GND - Connection to Chassis
J31 - Connection to P63
J59 - Connection to P99
P314 - Connection to Trailer brake switch H80
P315 - Connection to Trailer brake pressure sensor B31
P316 - Connection to Trailer brake pressure sensor B31
P318 - Connection to Trailer brake solenoid valve Y31
P63 - Connection to J31
P99 - Connection to J59

W29

W30

S40
SEAT SWITCH

P355

P355

M06
AIR SEAT

P312

P312

S994
CC-UP

S993
CC-DW

S992A
CC-MEM1

S992B
CC-MEM2

P354

P353

P352

P495

2 - FUSE & RELAY BOX-F4a/P289/FUSE BOX A-B 0,75 12

3 - INSTRUMENT PANEL-34/P74/INSTRUMENT PANEL G-Z 0,75 15

3 - INSTRUMENT PANEL-33/P74/INSTRUMENT PANEL M-B 0,75 16

2 - FUSE & RELAY BOX-PIN1/SP555 G-V 1,5 18

2 - FUSE & RELAY BOX-PIN1/SP65 C-N 0,75 20

3 - INSTRUMENT PANEL-80/P74/INSTRUMENT PANEL N-G 0,75 24

3 - INSTRUMENT PANEL-13/P74/INSTRUMENT PANEL S-G 0,75 29

3 - INSTRUMENT PANEL-37/P74/INSTRUMENT PANEL L-R 0,5 30

3 - INSTRUMENT PANEL-17/P74/INSTRUMENT PANEL H-V 0,75 31

3 - INSTRUMENT PANEL-35/P74/INSTRUMENT PANEL H-L 0,75 36

3 - INSTRUMENT PANEL-15/P74/INSTRUMENT PANEL R-N 0,75 37

J33

12 A-B 0,75

15

16

18 G-V 1,5

20 C-N 0,75

24 N-G 0,75

29 S-G 0,75

30 L-R 0,75

31

36

37

P66

3 - INSTRUMENT PANEL-49/P74/INSTRUMENT PANEL N-R 0,75 11

3 - INSTRUMENT PANEL-32/P74/INSTRUMENT PANEL S-V 0,75 12

2 - FUSE & RELAY BOX-6_30/P313/RELAY BOX C 0,75 21

2 - FUSE & RELAY BOX-PIN1/SP598 Z-R 0,75 23

J31

11 N-R 0,75

12 S-V 0,75

21 C 0,75

23 Z-R 0,75

P63

7 - 4WD & D/L-1/P308/Hand brake switch A-B 0,75

G-Z 0,75

M-B 0,75

G-V 1,5

10 - PTO-4/P349

SP_F4

SP_F5bis

SP_F6bis

SP_GNDref

SP_TW2

SP1501
SP_+30 CREEPER

SP SEAT SWITCH

0,75Z-R

0,75 C

1,5 G-V

0,75A-B

0,75A-B

0,75A-B

0,75H-V

0,75H-L

0,75R-N

0,75Z-R

14 - CAN BUS-3/P761

0,5 G

0,5 G

0,5 G

0,5 G

4 - LIGHTS-PIN1/SP_F15bis

4 - LIGHTS-PIN1/SP_F15bis

4 - LIGHTS-PIN1/SP_F15bis

4 - LIGHTS-PIN1/SP_F15bis

N 0,5

N 0,5

N 1,0

0,75 N

ChassisGND

C-N 0,75 10 - PTO-1/P401/MECHANICAL PTO SWITCH

C-N 0,75 7 - 4WD & D/L-1/P306/4WD PRESSURE SWITCH

C-N 0,75 10 - PTO-1/P408/PTO PRESSURE SWITCH

C-N 0,75 7 - 4WD & D/L-1/P302/4WD SWITCH

C-N 0,75 7 - 4WD & D/L-1/P307/D/L PRESSURE SWITCH

C-N 0,75 7 - 4WD & D/L-1/P304/D/L SWITCH

0,75 7 - 4WD & D/L-6/P760

B998
HAND THROTTLE SENSOR

Vin Vout GND

2 C-N 0,75

3

1 N-G 0,75

5 C-N 0,75

6

4 N-G 0,75

P351

B999
FOOT THROTTLE SENSOR

Vin Vout GND

2

3

1 N-G 0,75

5

6

4 N-G 0,75

P350

B06
VEHICLE SPEED SENSOR

Vin Vout GND

3

P357

1

2 N 0,75

P357

GND - Connection to Chassis
J31 - Connection to P63
J33 - Connection to P66
P312 - Connection to Air seat M06
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

SE98_AG_OUT_THROTTLES_B_0_20200225

W02

A500
ECU ENGINE

P14 (61 pins): 1 N-V 0,75 · 2 · 3 H-R 0,75 · 4 A-N 0,75 · 5 S-L 0,75 · 6 L-B 0,75 · 7 C-R 0,75 · 8 G-Z 0,75 · 9 V 0,5 · 10 G 0,5 · 11 SHIELD7 · 12 V-N 0,75 · 13 · 14 S-B 0,75 · 15 M-S 0,75 · 16 N-R 0,75 · 17 B-V 0,75 · 18 · 19 B-G 0,75 · 20 · 21 G-R 0,75 · 22 A-G 0,75 · 23 H-B 0,75 · 24 · 25 · 26 · 27 A-R 0,75 · 28 · 29 R-B 0,75 · 30 R-N 0,75 · 31 · 32 · 33 H-L 0,75 · 34 R-H 0,75 · 35 S 0,75 · 36 · 37 G-H 0,75 · 38 G-N 0,75 · 39 · 40 · 41 · 42 M-Z 0,75 · 43 R-L 0,75 · 44 · 45 · 46 · 47 · 48 · 49 · 50 · 51 · 52 · 53 · 54 · 55 · 56 · 57 · 58 · 59 · 60 · 61

Sez 2 signal connector

P15 (PIN1 … PIN60):
PIN1 · PIN2 · PIN4 · PIN6 · PIN8 · PIN9 · PIN10 · PIN11 · PIN12 · PIN13 · PIN14 · PIN15 · PIN16 · PIN17 · PIN23 · PIN24 · PIN25 · PIN26 · PIN27 · PIN28 · PIN31 · PIN32 · PIN34 · PIN35 · PIN37 · PIN38 · PIN39 · PIN40 · PIN41 · PIN43 · PIN44 · PIN46 · PIN48 · PIN49 · PIN50 · PIN53 · PIN55 · PIN57 · PIN58 · PIN59 · PIN60

P19 (PIN86 … PIN1):
PIN86 · PIN85 · PIN84 · PIN83 · PIN82 · PIN81 · PIN80 · PIN79 · PIN70 · PIN64 · PIN63 · PIN58 · PIN54 · PIN52 · PIN41 · PIN36 · PIN30 · PIN28 · PIN22 · PIN20 · PIN19 · PIN14 · PIN7 · PIN6 · PIN5 · PIN4 · PIN3 · PIN2 · PIN1

SP5 · SP7 · SP8 · SP10 · SP92 · SP_GND_ENGINE SP9 · SP6 · SP90 · SP87

P16: PIN13 · PIN14

P17: 1 — Fuse and relay PCB power supply

P18 (Fuse and relay PCB): 1 · 2 · 3 · 4 · 5 · 6 · 7 · 8 · 9 · 10 · 11 · 12 · 13 · 14 · 15 · 16 · 17 · 18 · 19 · 20 · 21 · 22 · 23

P21 (EHC CONNECTION): 1 · 2

P20 (B990 PTO SIGNAL 1): 1 · 2 · 3

P4 (R505 Fuel Filter Heating): PIN3 · PIN4

P10 (B02 Air Filter Sensor): 1 · 2

P5: 1 · 2 · 3 · 4 · 5 · 6

P12: 1 · 2 · 3 · 4 · 5 · 6 — B501 lambda sond

P2: 1 · 2 · 3 — B511 IP (Delta pressure sensor)

P13 — STEERING ANGLE SENSOR

P11: 1 · 2 · 3 · 4 · 5 · 6 · 7 · 8 — A510 Glow Plug ECU

P6: 1 · 2 · 3 — B510 Water In Fuel switch

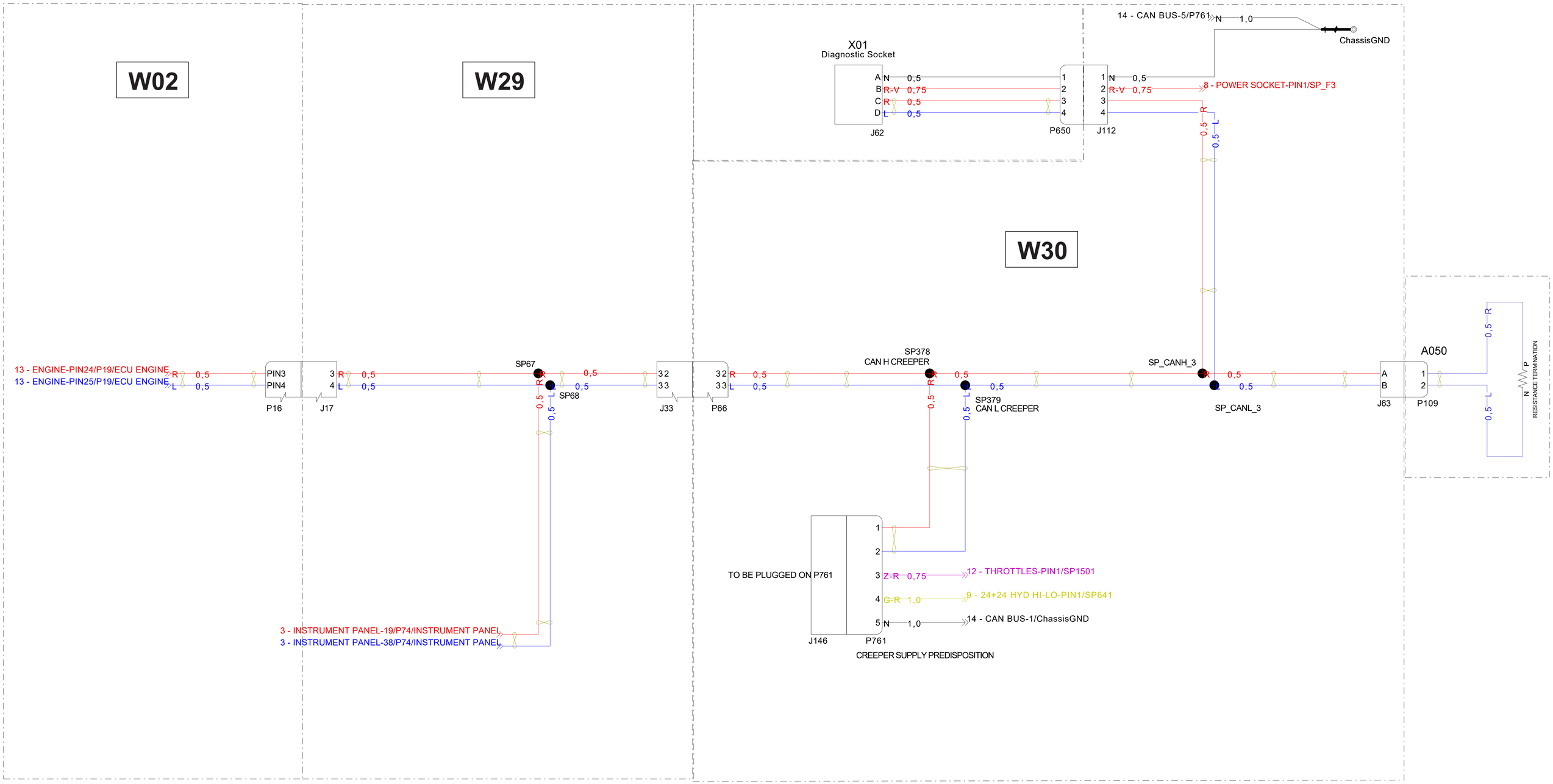
Sez1 (injector connector) P3: 1,5 Z-N H · 1,5 Z-G · 1,5 R-N F · 1,5 R-E · 1,5 M-N D · 1,5 M-C · 1,5 G-N B · 1,5 G-A

B509 AT (air Temperature Sensor) — P9 · P9
B513 EG2 (exaust gas Temperature sensor) — P7 · P7
B512 EG1 (exaust gas Temperature sensor) — P8 · P8

1 - POWER SUPPLY-4/P23 · 1 - POWER SUPPLY-3/P23 · 1 - POWER SUPPLY-5/P23
2 - FUSE & RELAY BOX-PIN5/P16
3 - INSTRUMENT PANEL-PIN6/P16
3 - INSTRUMENT PANEL-PIN9/P16
14 - CAN BUS-PIN3/P16 · 14 - CAN BUS-PIN4/P16

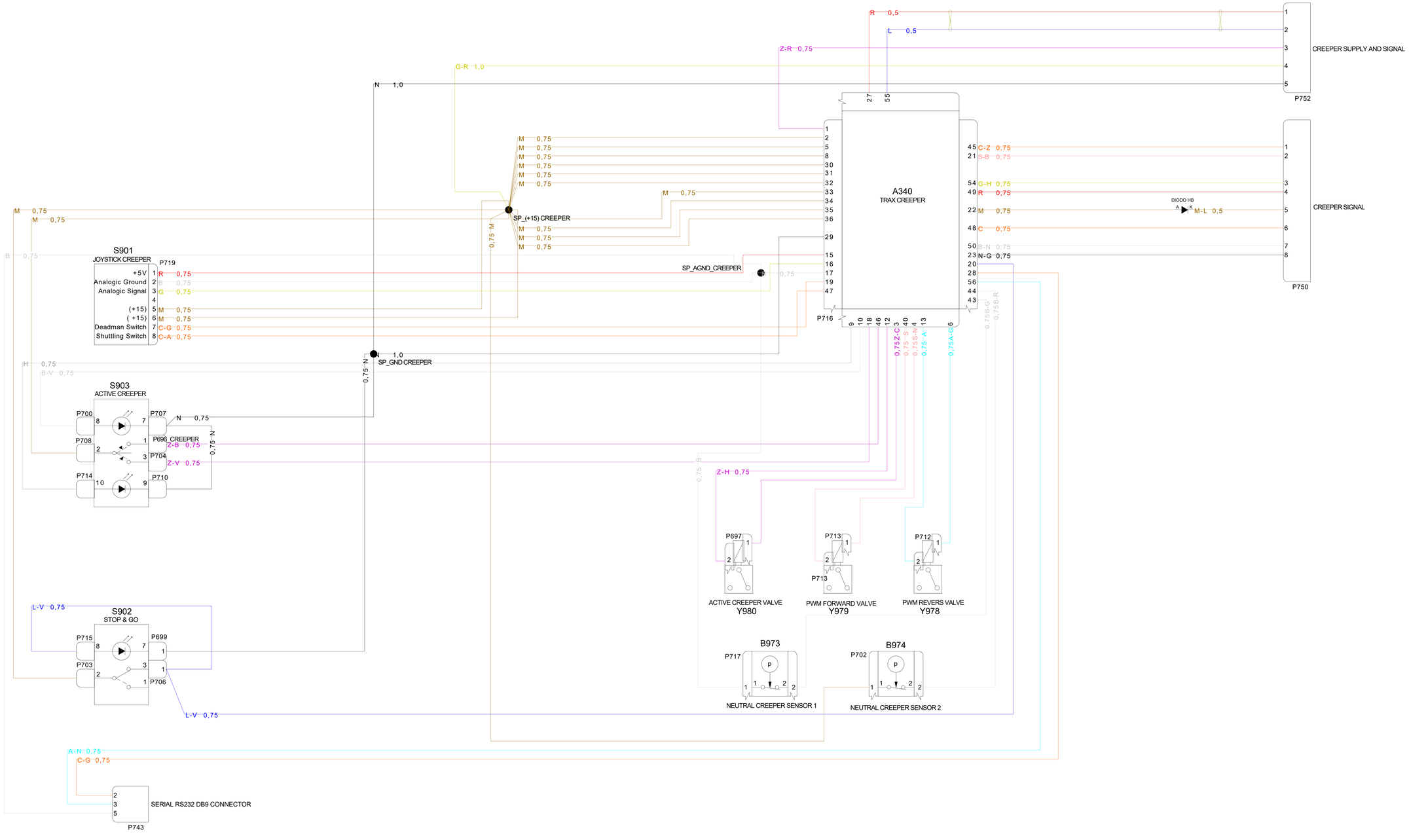
B-R 0,75 · L-N 0,75 · 0,75L-V · 0,75L-G · S-N 0,75 · M-B 0,75 · 2,5 V · 2,5 H · 0,75C-N · 0,75M-L · 0,75V-S · H-N 0,75 · L-H 0,75 · N-Z 0,75 · SHIELD7 · N-Z 0,75 · N 2,5 · B-L 0,75 · C-L 0,75 · C 2,5 · C-N 0,75 · R-H 0,75 · M 2,5 · M 1,5 · M 1,5 · M 1,5 · C 1,5 · C 1,5 · 1,5 G · 0,75 R · B-C 0,75

B-G 0,75 · 0,75L-B · 0,75G-V · G 6,0 · 0,75S-G · 0,75B-R · 0,75B-N · V-B 0,75 · A 0,75 · Z 0,75 · A-B 0,75 · Z-B 0,75 · N 0,75 · B-R 0,75 · M-V 0,75 · R-G 0,75 · C-N 0,75 · R-B 0,75 · M-N 0,75 · 0,75R-V · 0,75 N · 0,75 N · 0,75Z-V · 0,75N-G · 2,5 G · 2,5 C · 2,5 N · 2,5 N · 2,5 N · 2,5 G · 2,5 L · 0,5 R · 0,5 L · R-V 0,75 · 1,0 R-V · 0,75B-R · 0,75 N · 10,0 R · 0,75 N · 0,75 N · 0,75 N · 6,0 N · 6,0 N · 1,0 N · 6,0 N · 6,0 N · 6

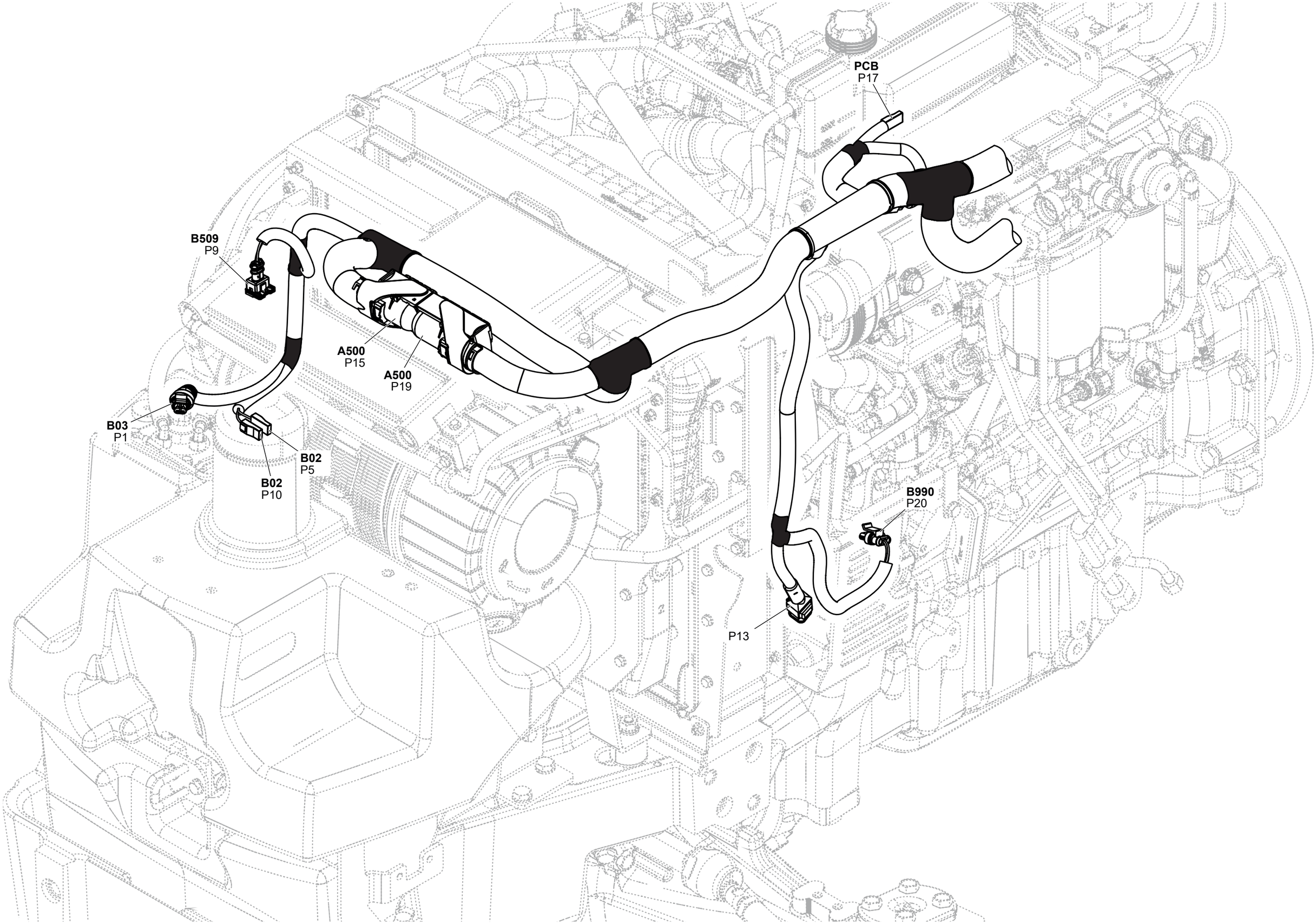


J112 - Connection to P650
J146 - Connection to creeper signal predisposition P761
J17 - Connection to P16
J33 - Connection to P66
J62 - Connection to Diagnostic socket X01
J63 - Connection to P109
P109 - Connection to CAN Bus resistor A050
P16 - Connection to J17
P650 - Connection to J112
P66 - Connection to J33
P761 - Connection to J146

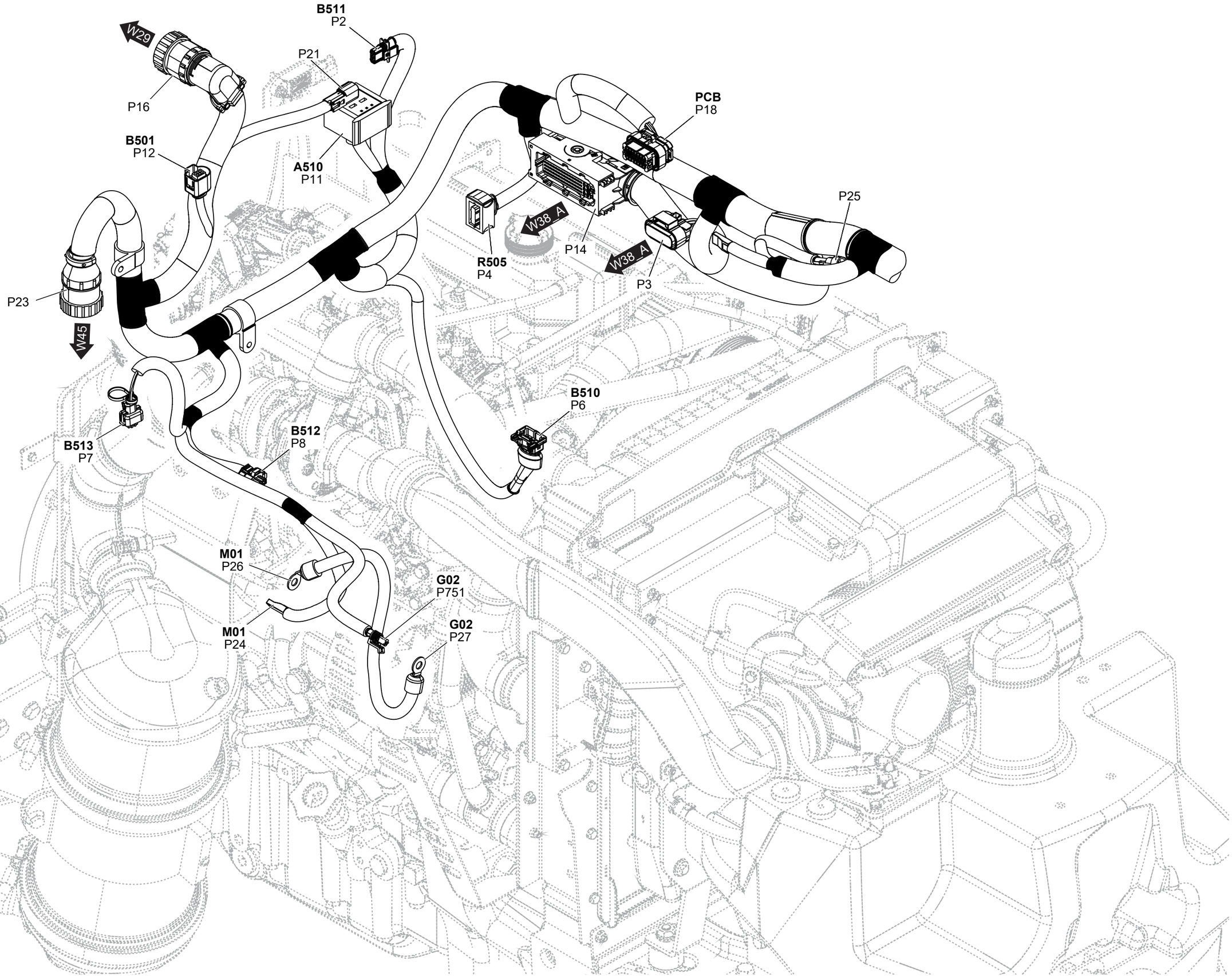
W65



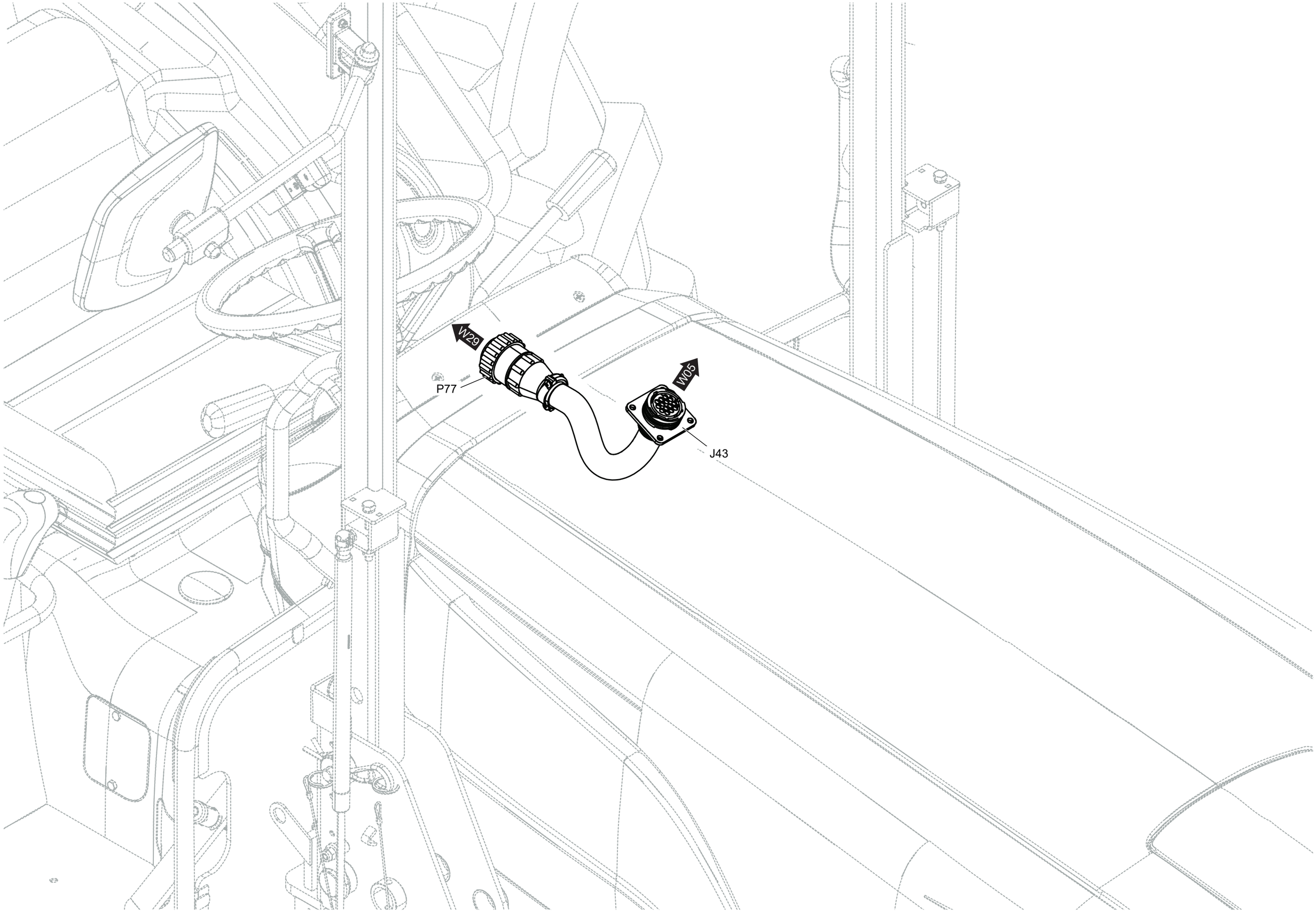
P716 - Connection to Transmission creeper control unit A340
P717 - Connection to Neutral creeper sensor 1 B973
P702 - Connection to Neutral creeper sensor 2 B974
P719 - Connection to Joystick creeper S901
P699 - Connection to Stop & go switch S902
P703 - Connection to Stop & go switch S902
P706 - Connection to Stop & go switch S902
P715 - Connection to Stop & go switch S902
P696 - Connection to Active creeper switch S903
P700 - Connection to Active creeper switch S903
P704 - Connection to Active creeper switch S903
P707 - Connection to Active creeper switch S903
P708 - Connection to Active creeper switch S903
P710 - Connection to Active creeper switch S903
P715 - Connection to Active creeper switch S903
P712 - Connection to Reverse Valve Y978
P713 - Connection to Forward valve Y979
P697 - Connection to Active creeper valve Y980
P743 - Connection to socket RS232
P752 - Connection to P761
P750 - Connection to P760



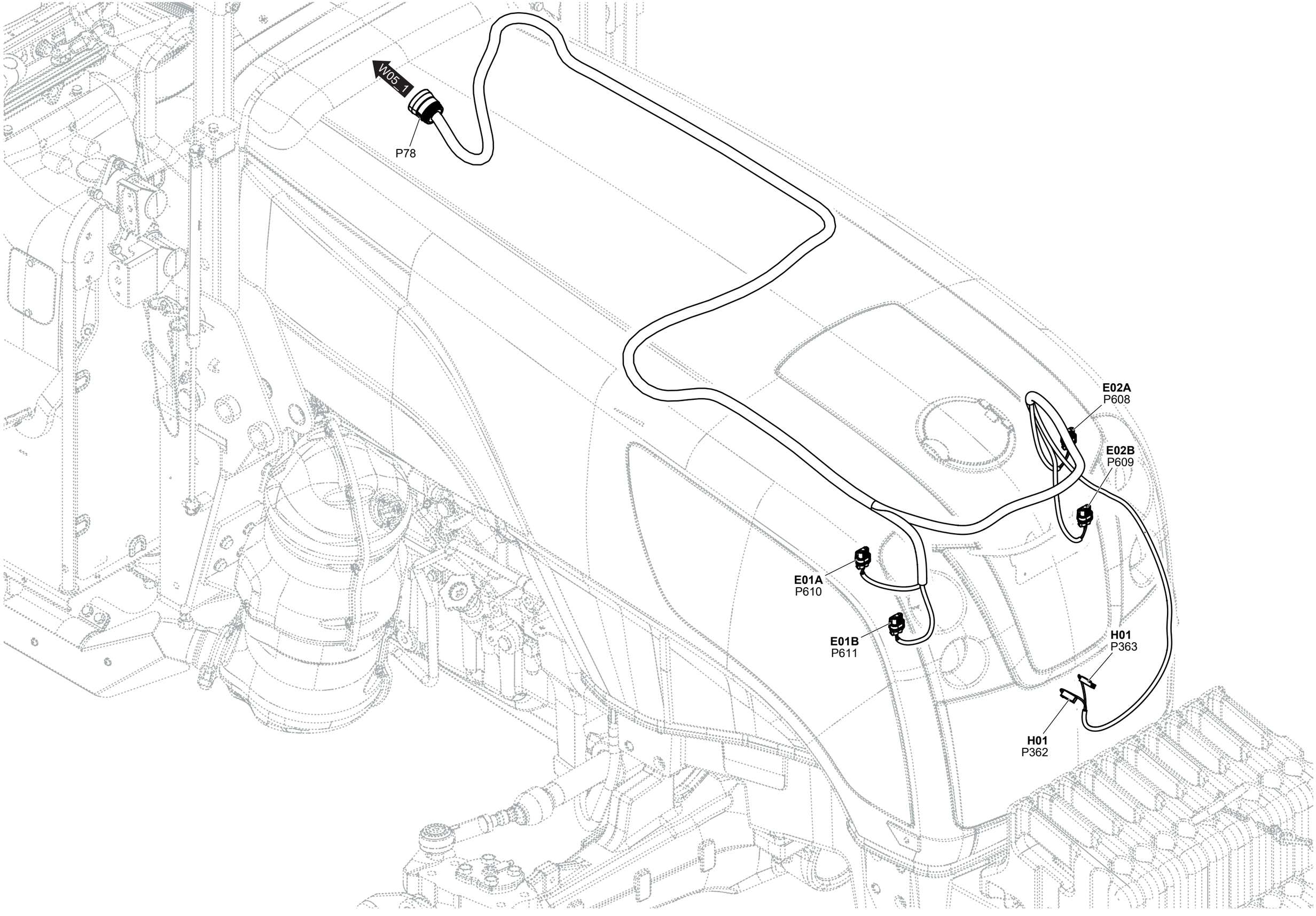
W02_AG_OUT_478889_B_0_LH_20200120



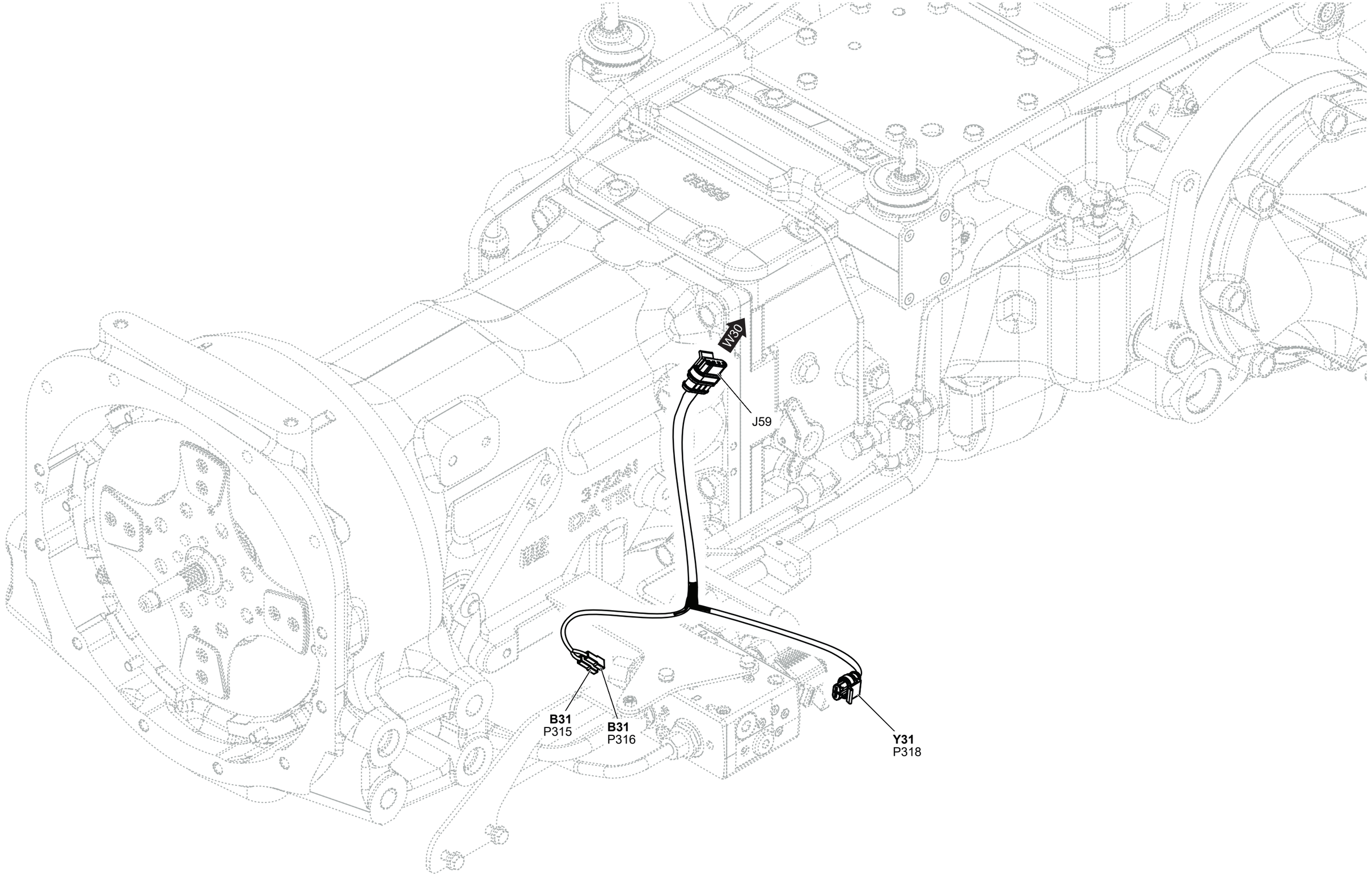
W02_AG_OUT_448889_B_0_RH_20200120



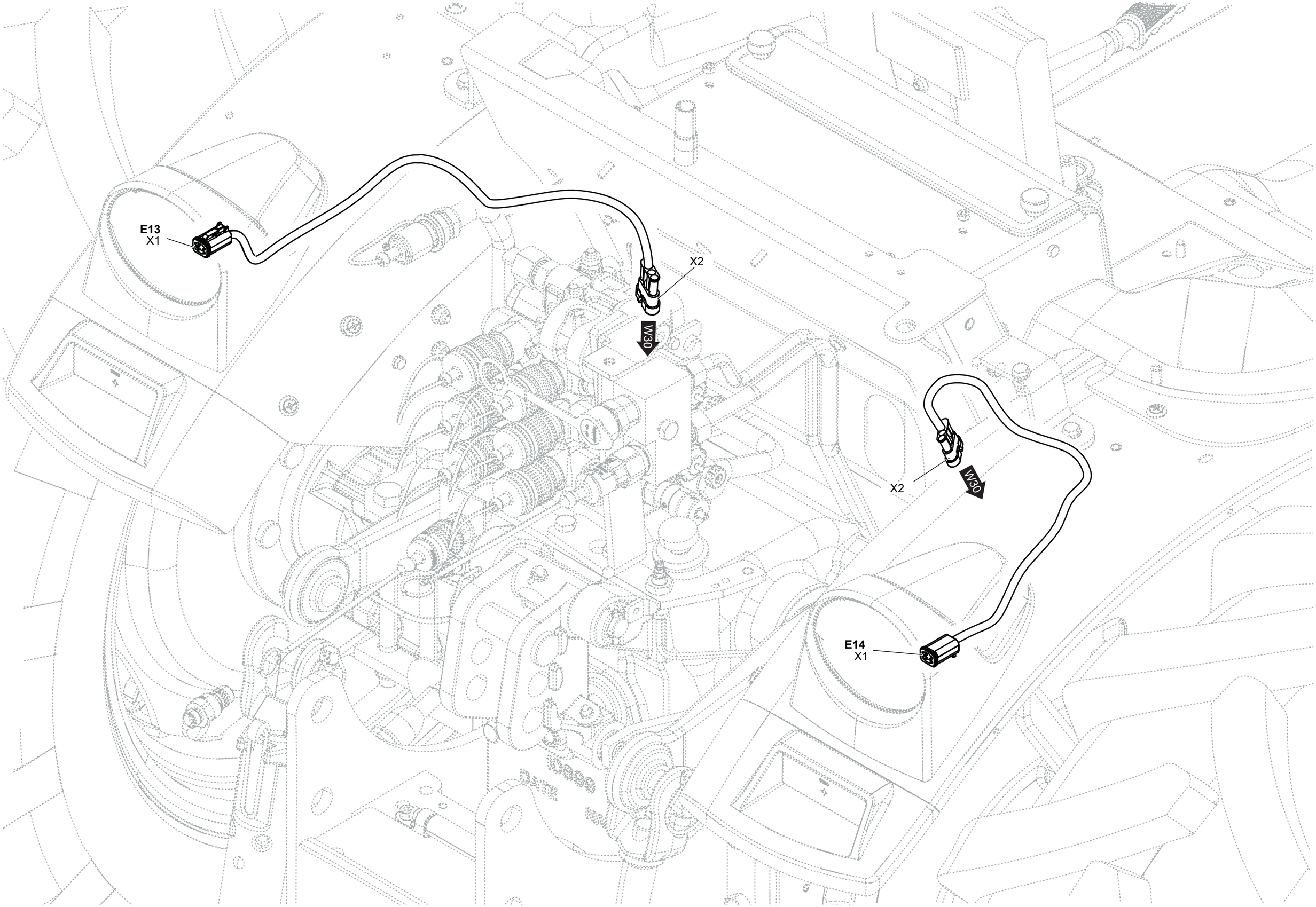
W05_1_AG_OUT_440937_B_0_20200220



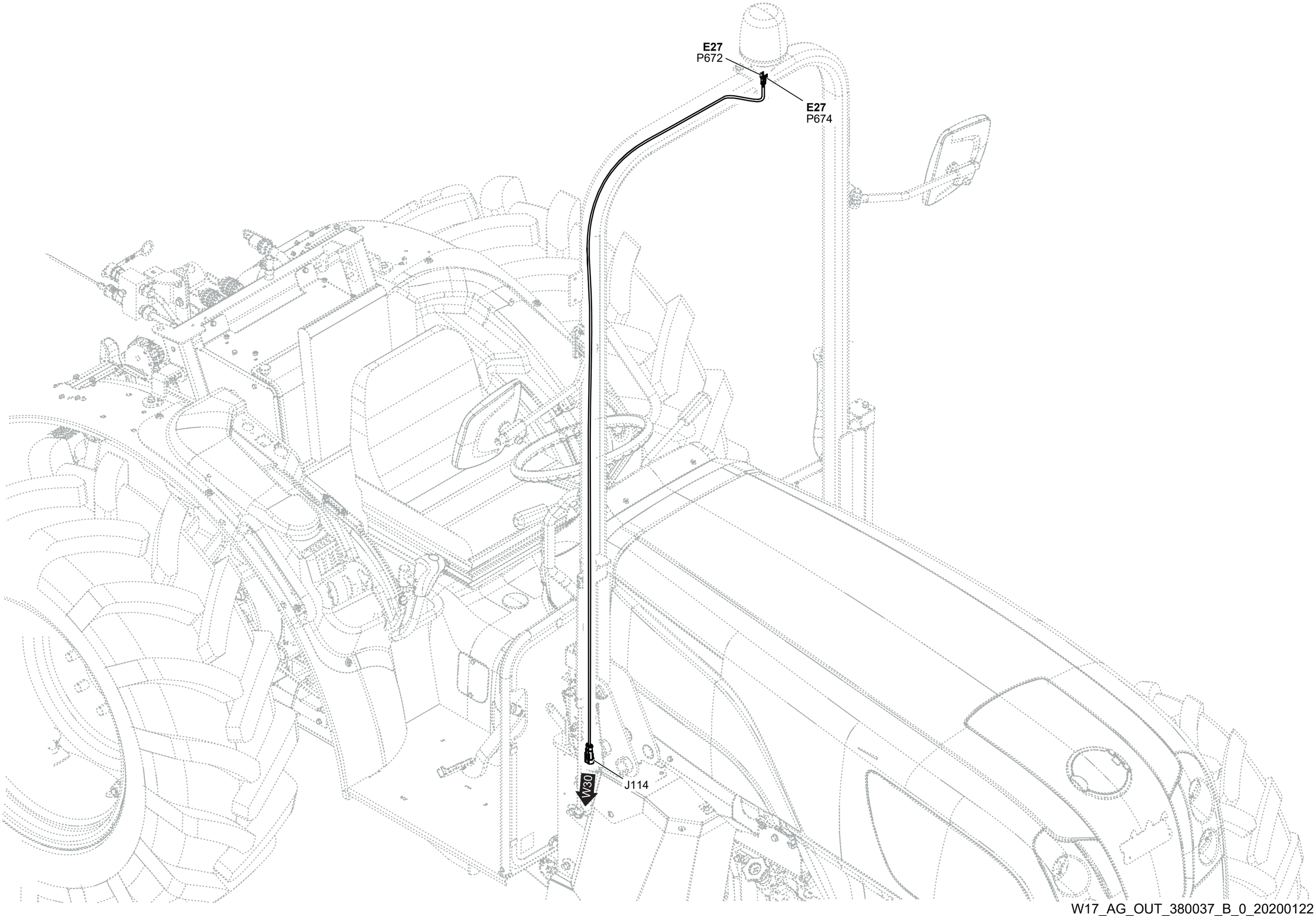
W05_AG_OUT_478888_B_0_20200120



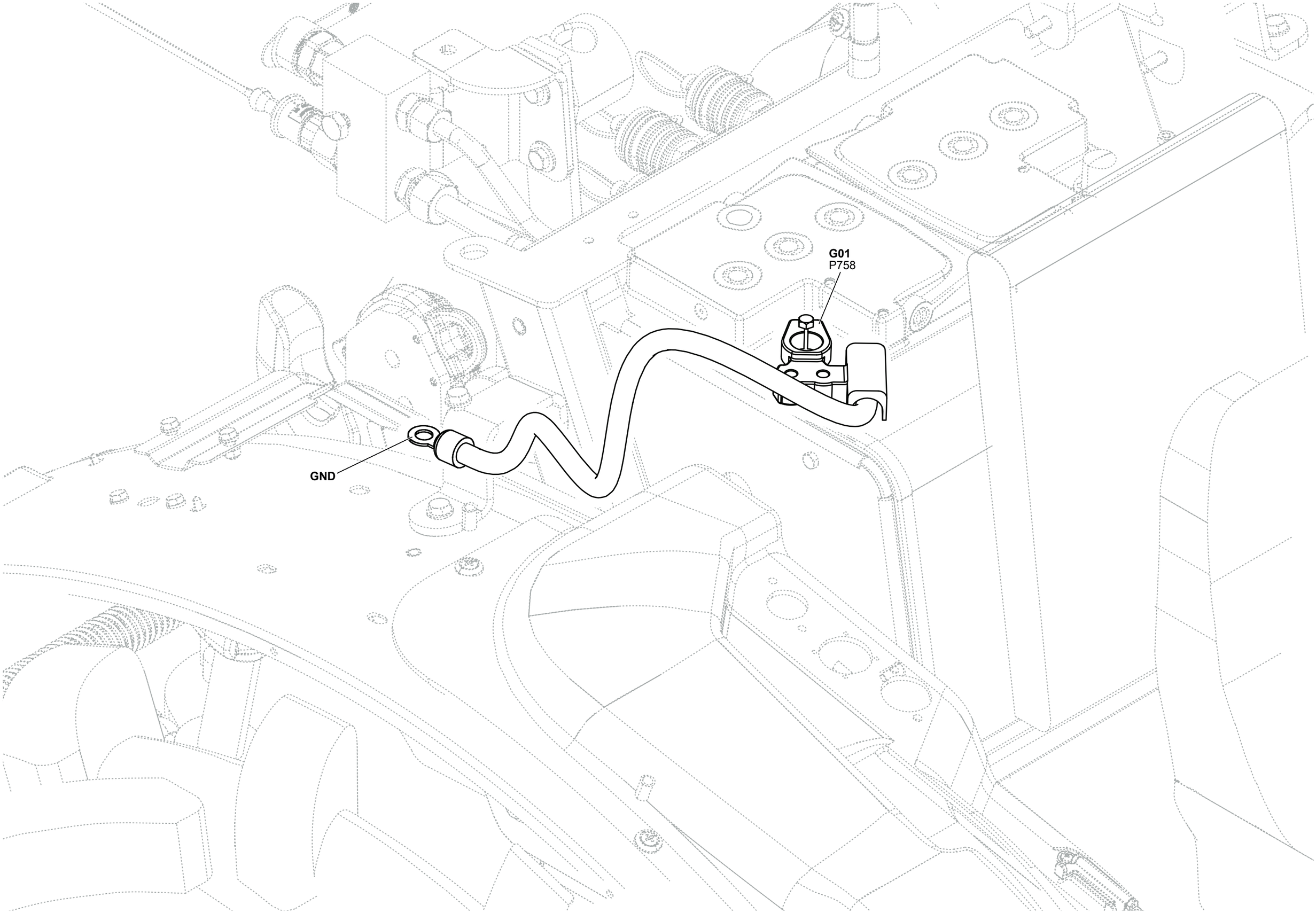
W06_AG_OUT_460148_B_0_20200127



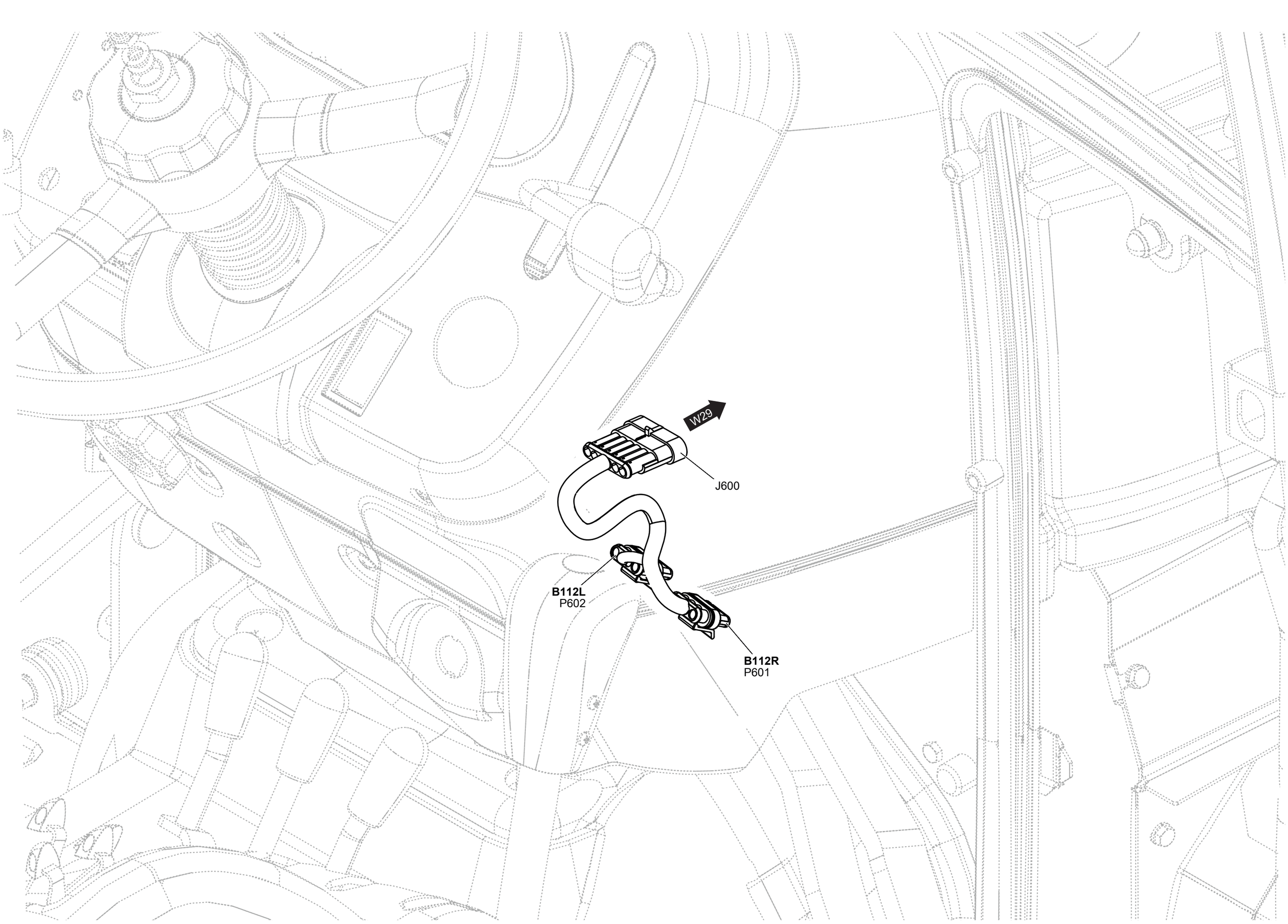
W12_AG_OUT_385594_B_0_20200122



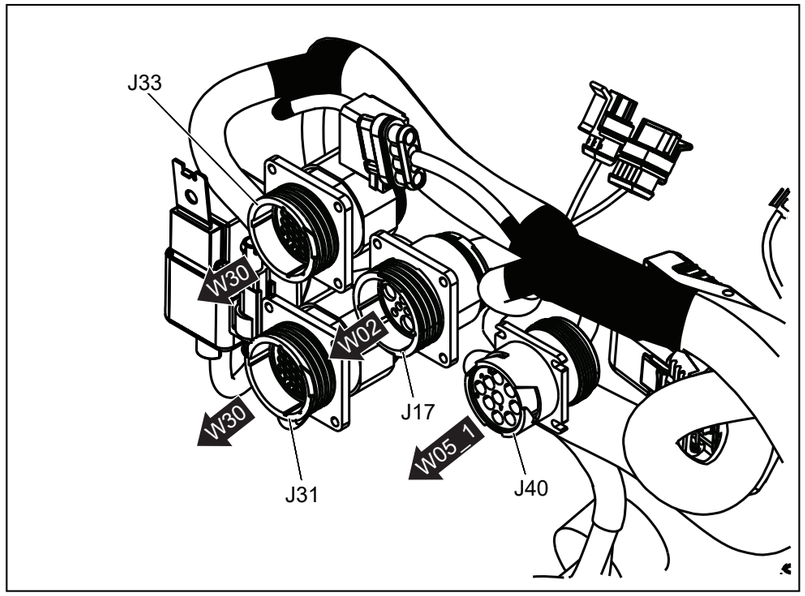
W17_AG_OUT_380037_B_0_20200122



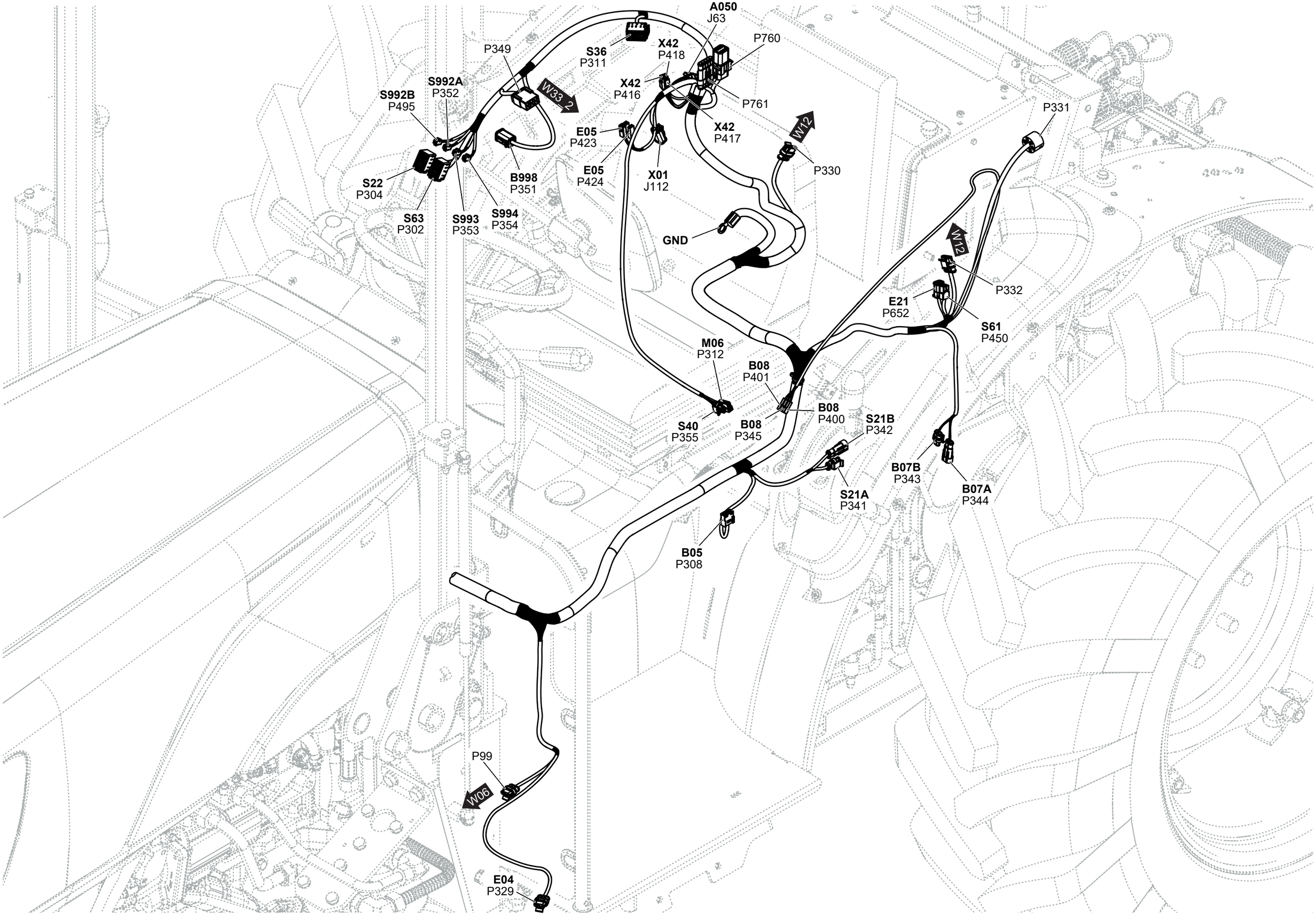
W22_AG_OUT_402970_B_0_20200116



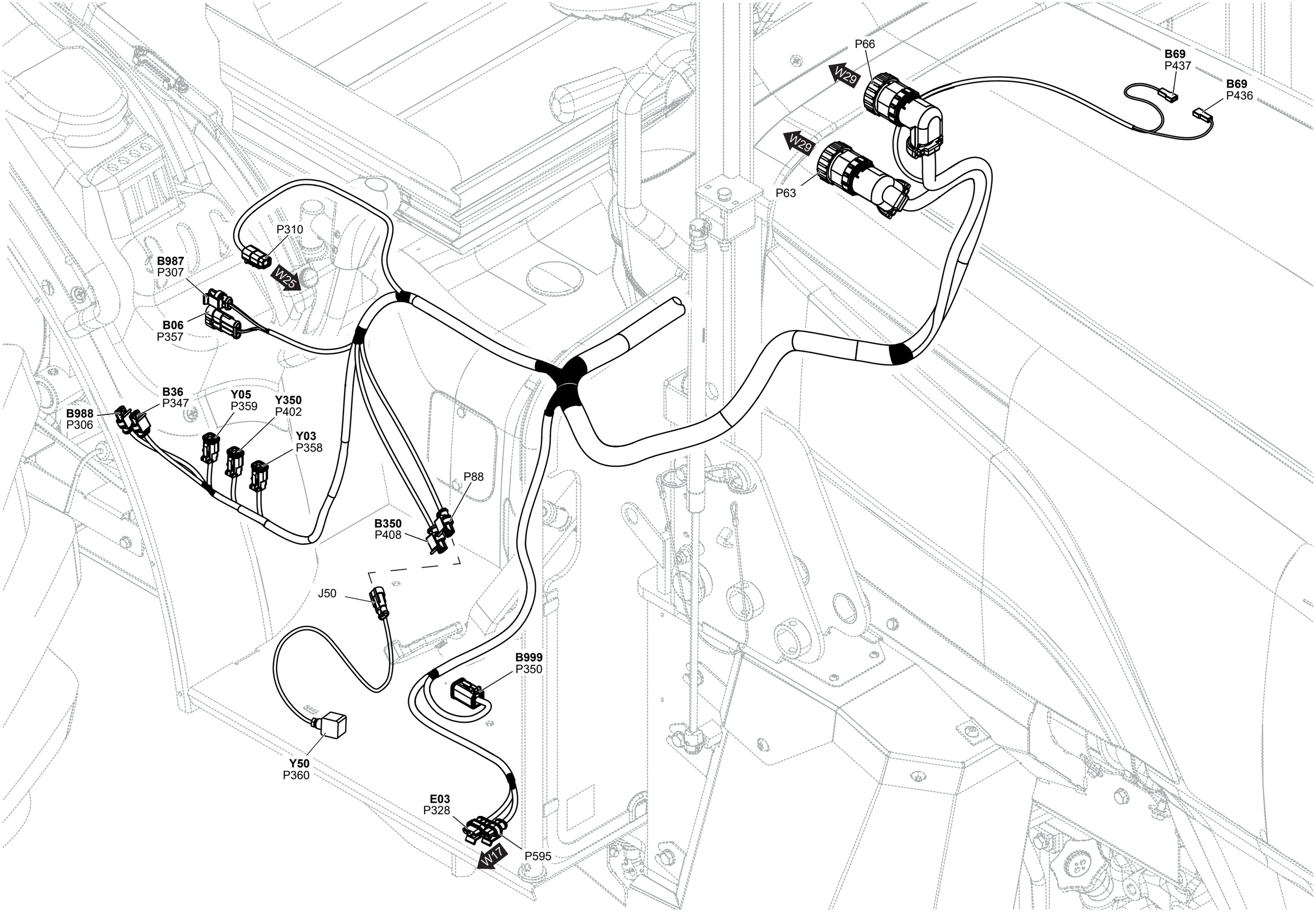
W29_1_AG_OUT_464658_B_0_20200121



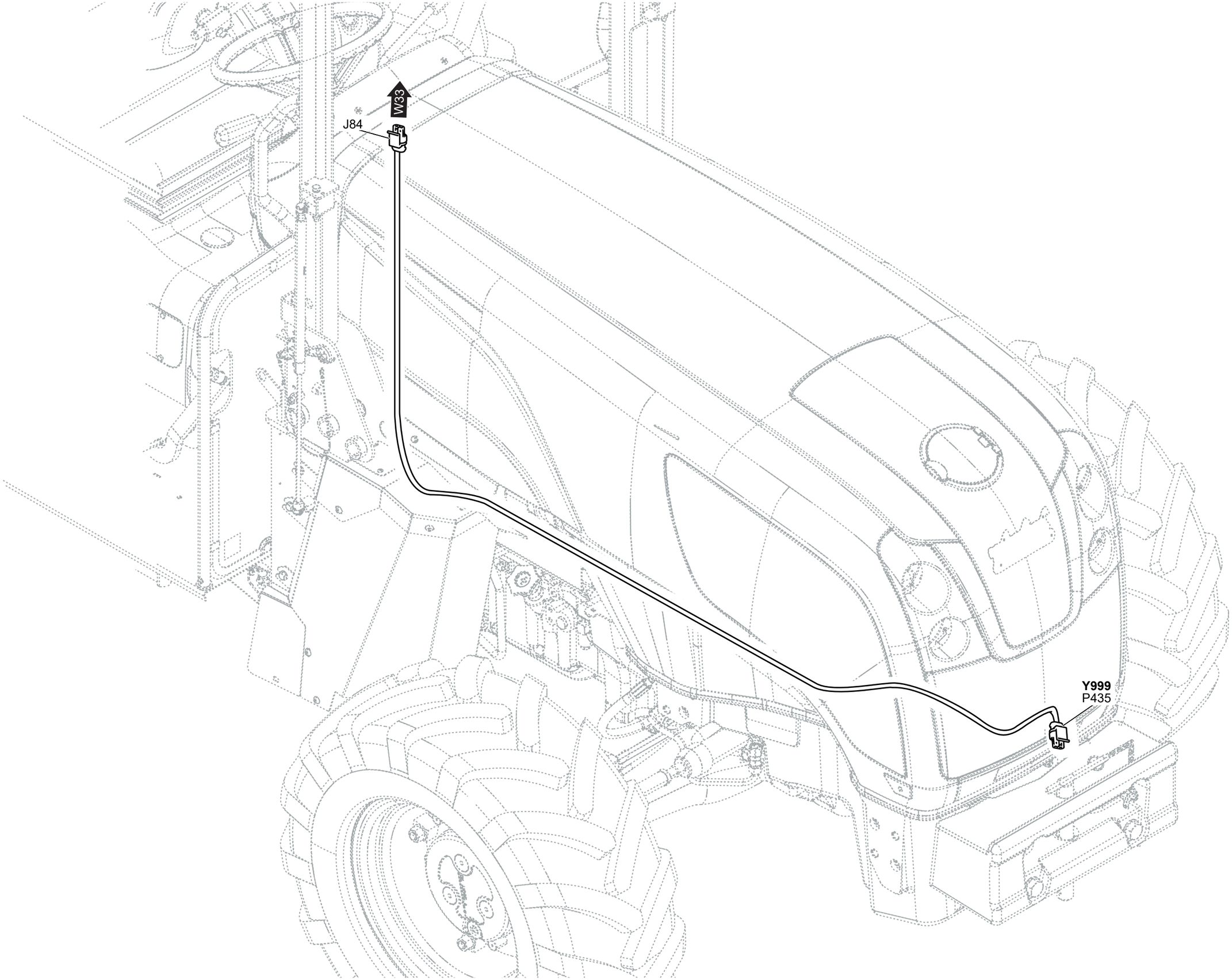
P431
W33
K08
P326
H80
P314
P612
A330
P74
K01
P339
S09
P364
P298
S09
P333
S72
P658
W29_1
P685
S106
P327
S990
P322
S991
P321
S01
P340
P313
P289
P481



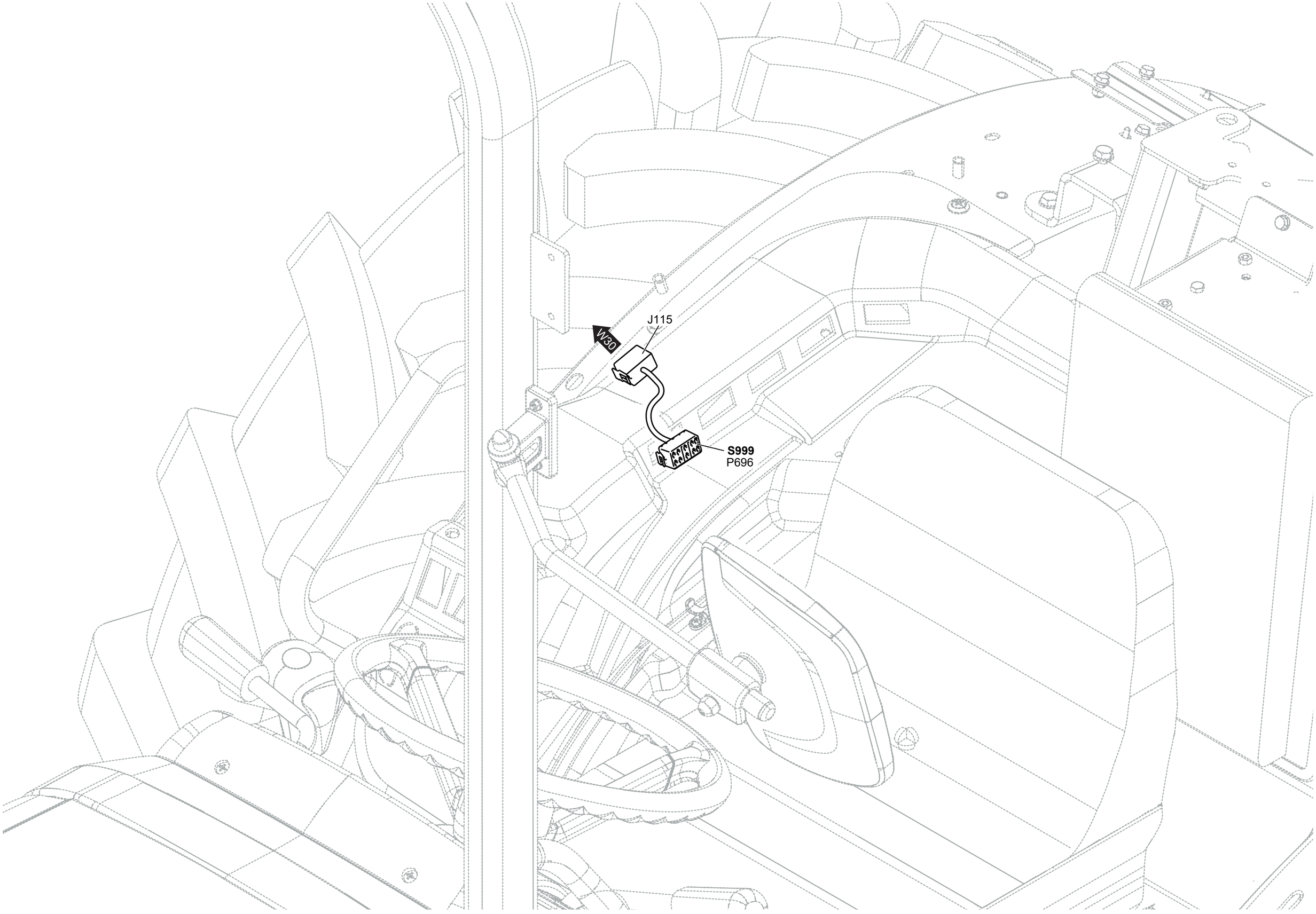
W30_AG_OUT_520037_B_1_LH_20200130



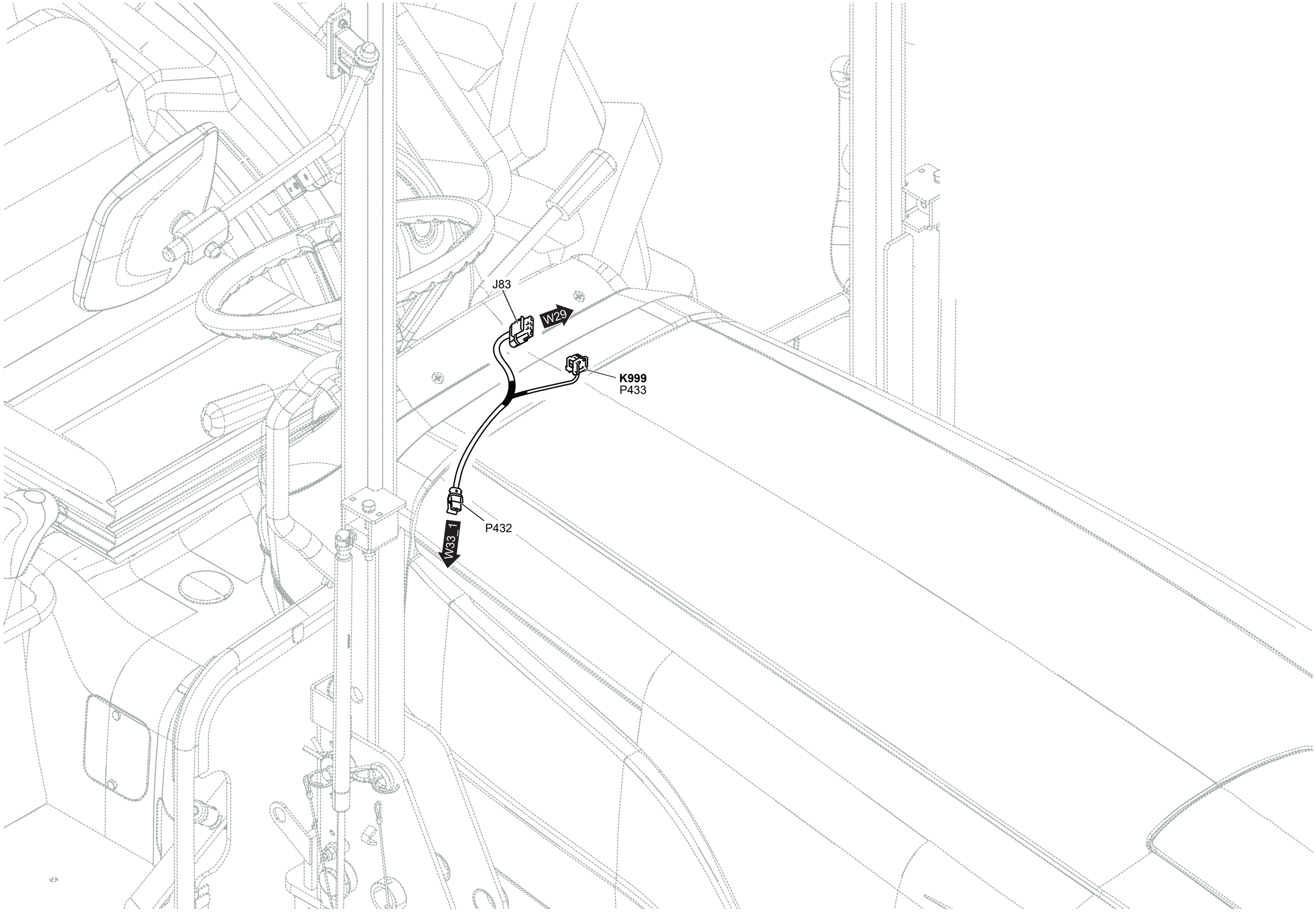
W30_AG_OUT_520037_B_1_RH_20200130



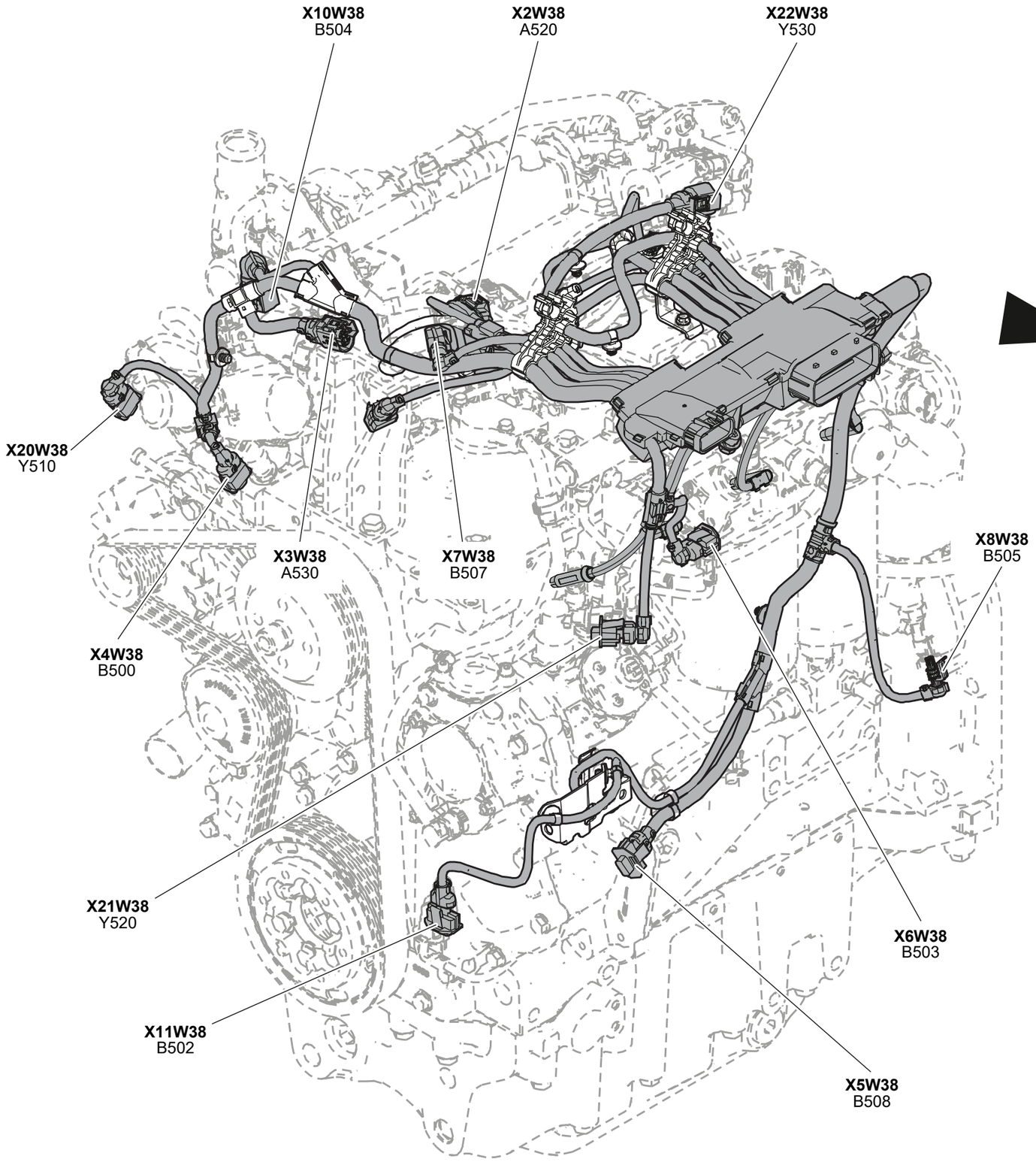
W33_1_AG_OUT_402856_B_0_20200124

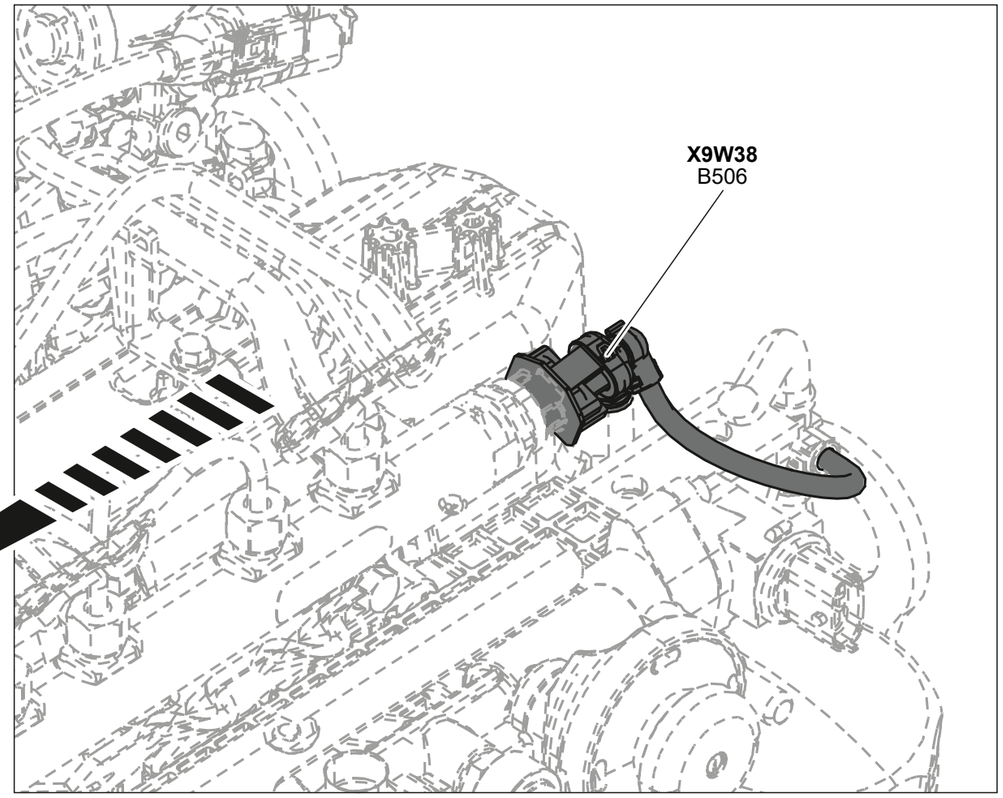


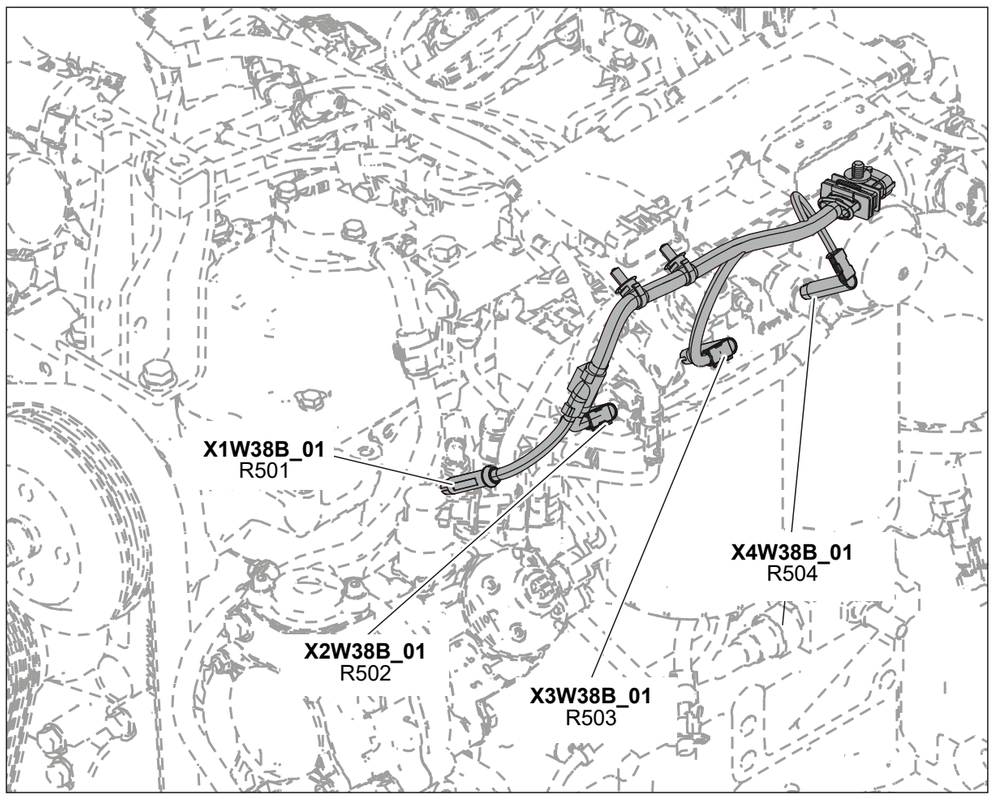
W33_2_AG_OUT_466771_B_0_20200212

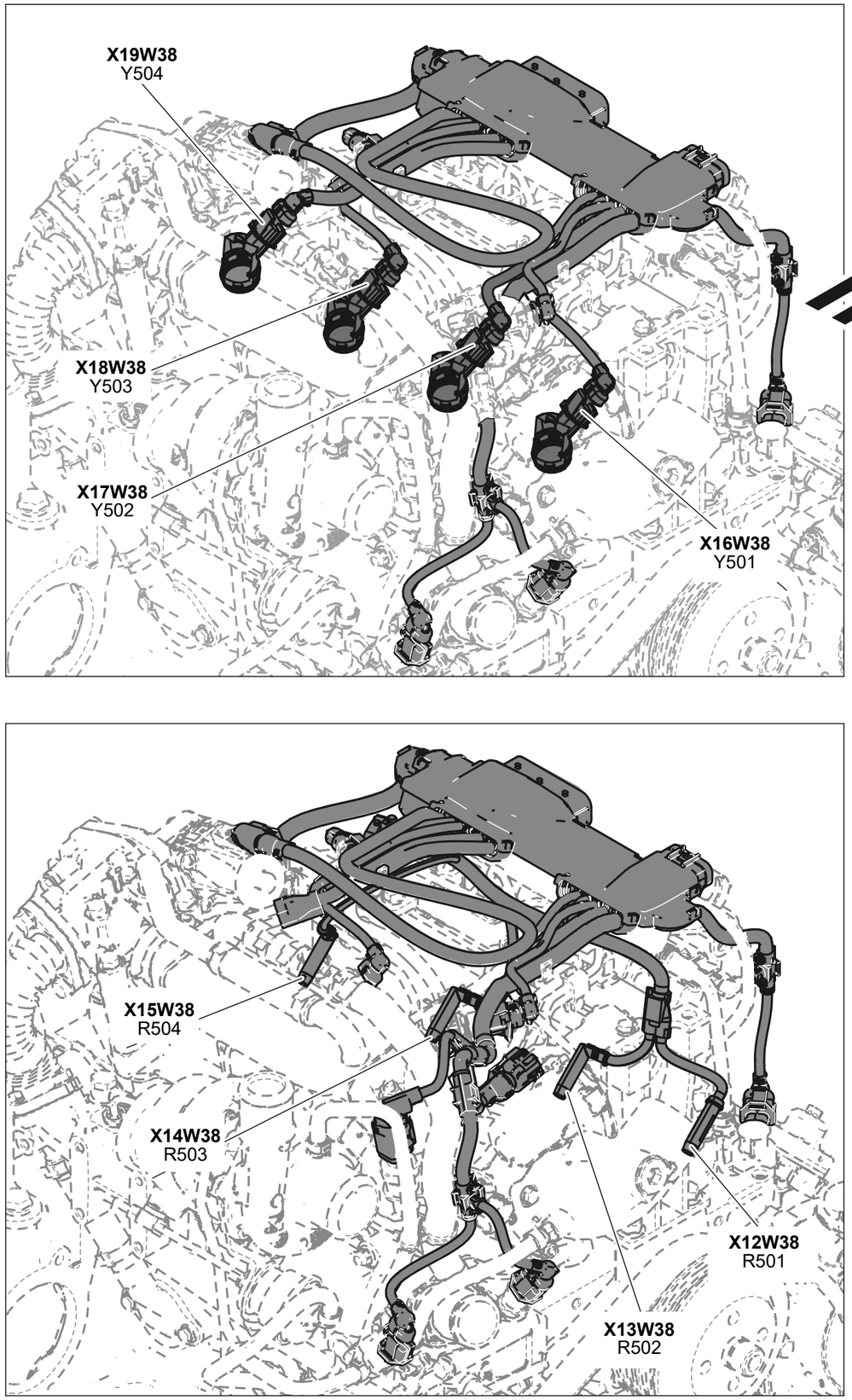


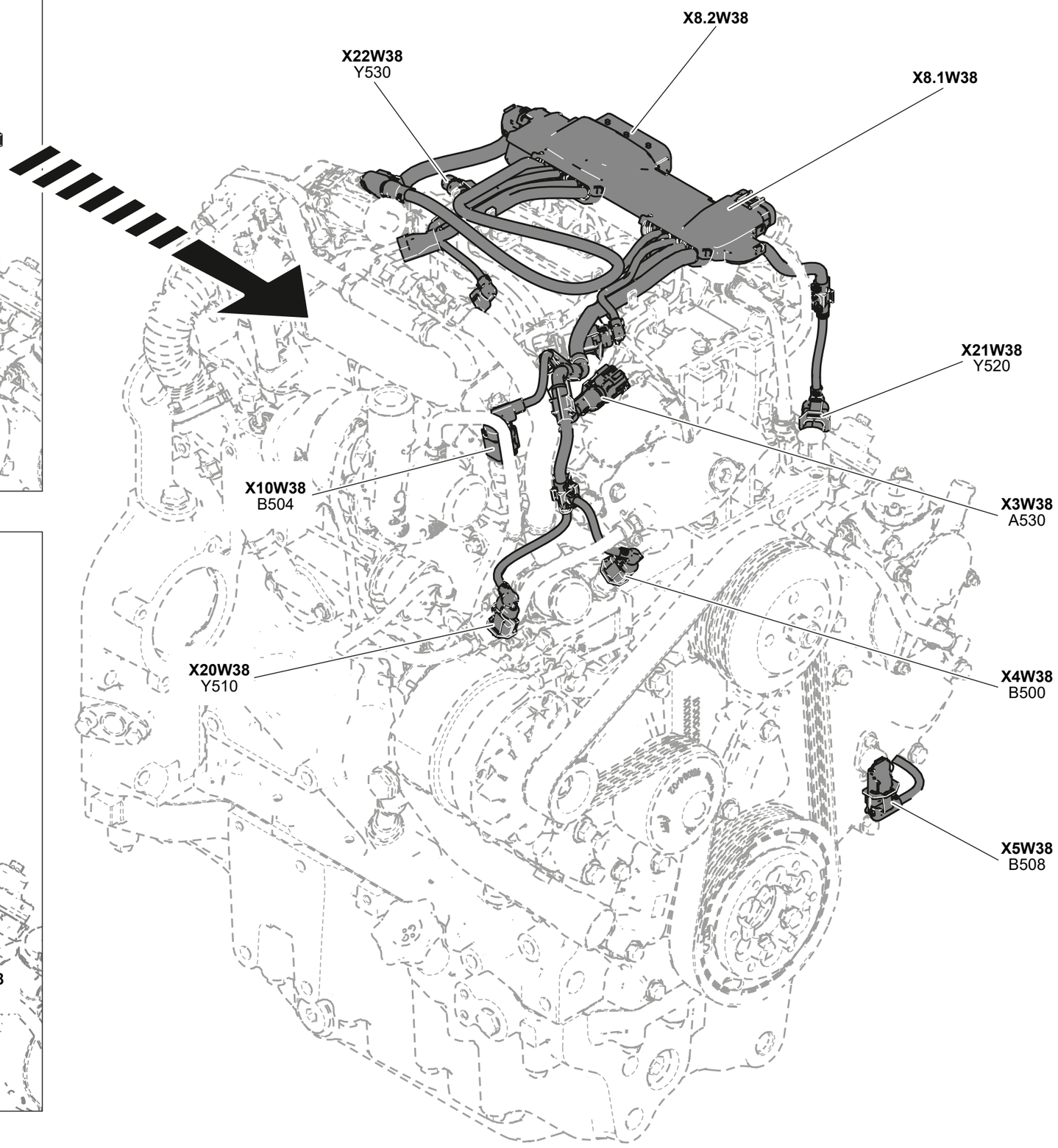
W33_AG_OUT_448938_B_0_20200220

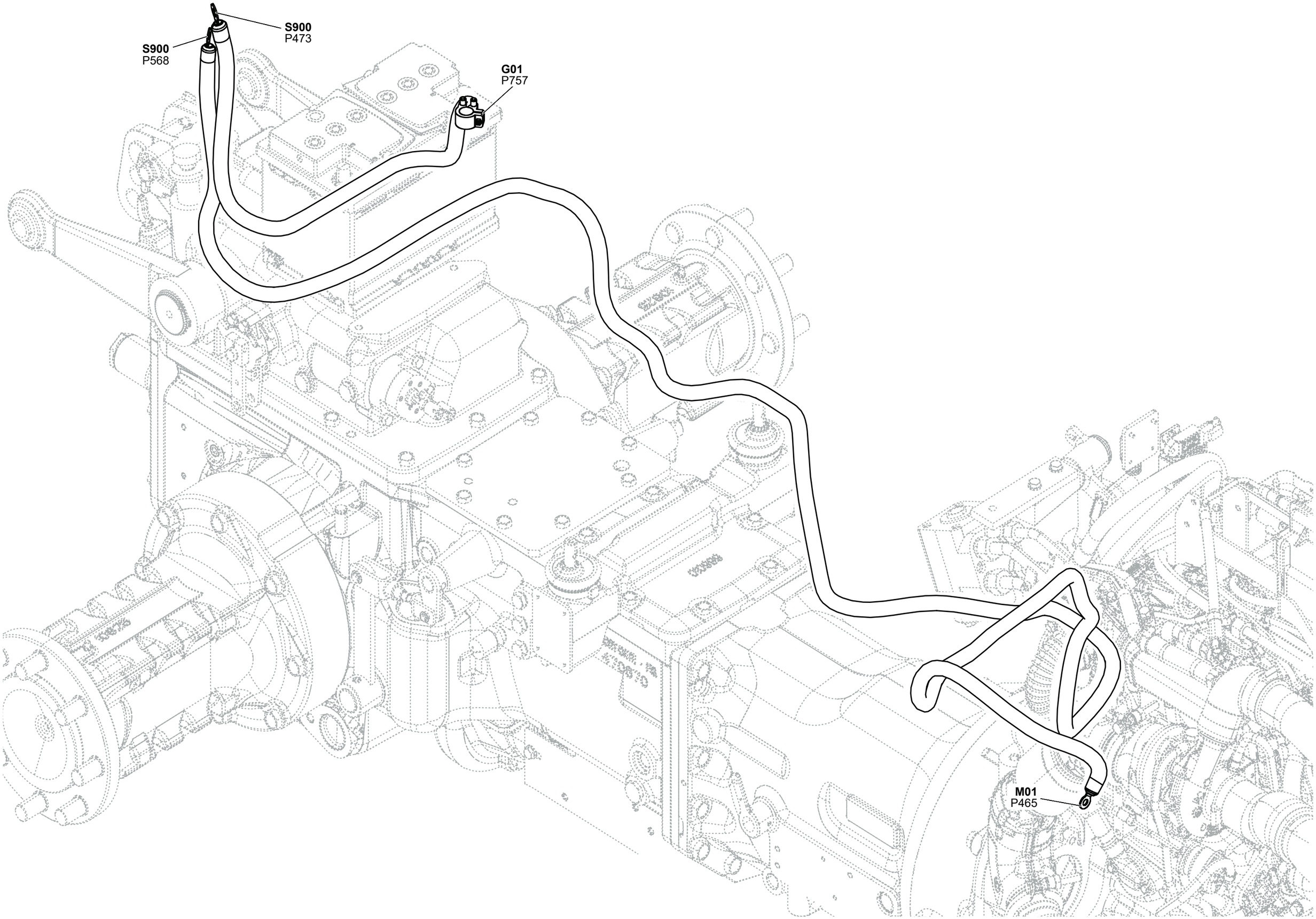

X10W38
B504
X2W38
A520
X22W38
Y530
X20W38
Y510
X3W38
A530
X7W38
B507
X8W38
B505
X4W38
B500
X21W38
Y520
X6W38
B503
X11W38
B502
X5W38
B508


X9W38
B506

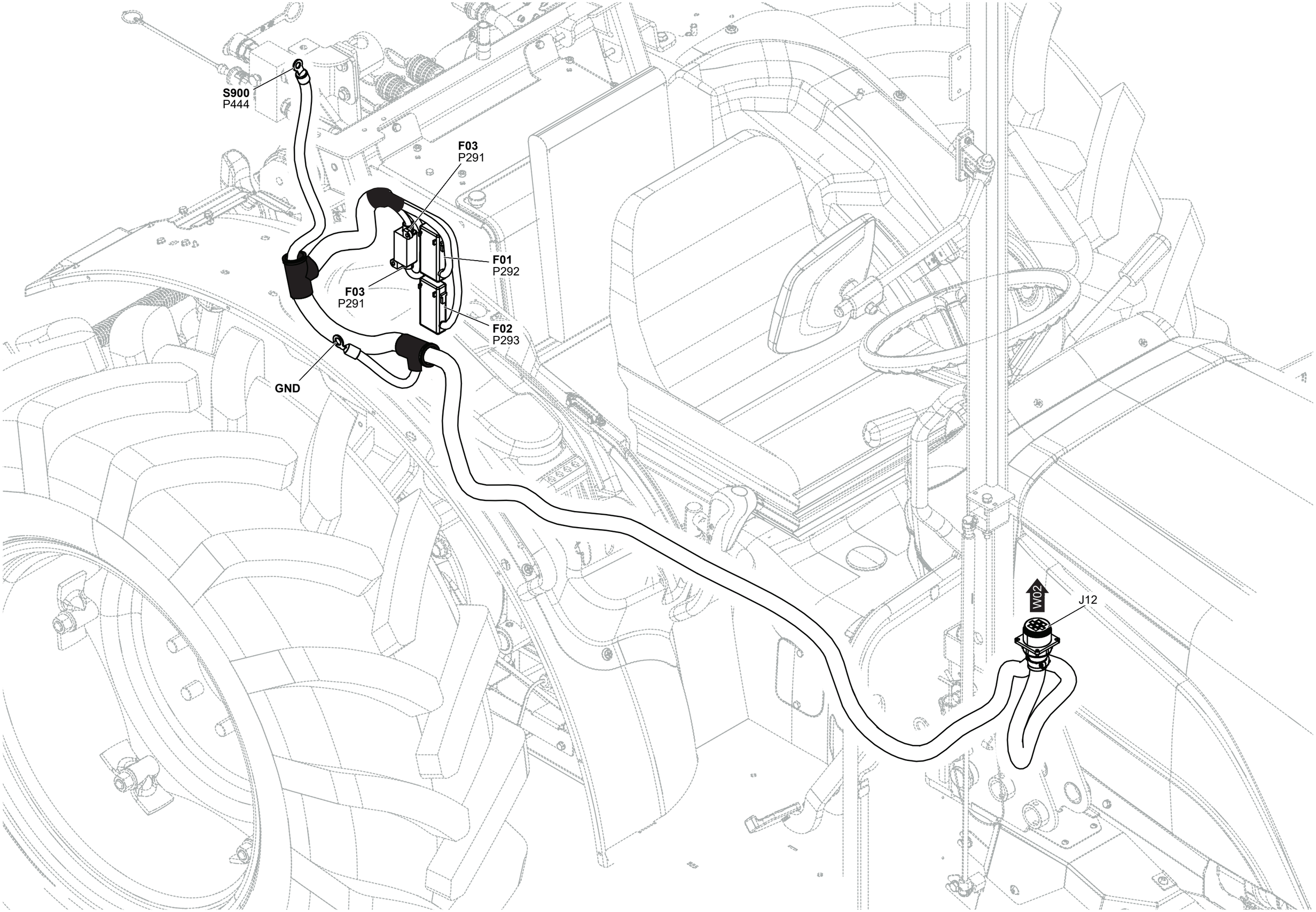

X1W38B_01
R501
X4W38B_01
R504
X2W38B_01
R502
X3W38B_01
R503


X19W38
Y504
X18W38
Y503
X17W38
Y502
X16W38
Y501
X15W38
R504
X14W38
R503
X12W38
R501
X13W38
R502

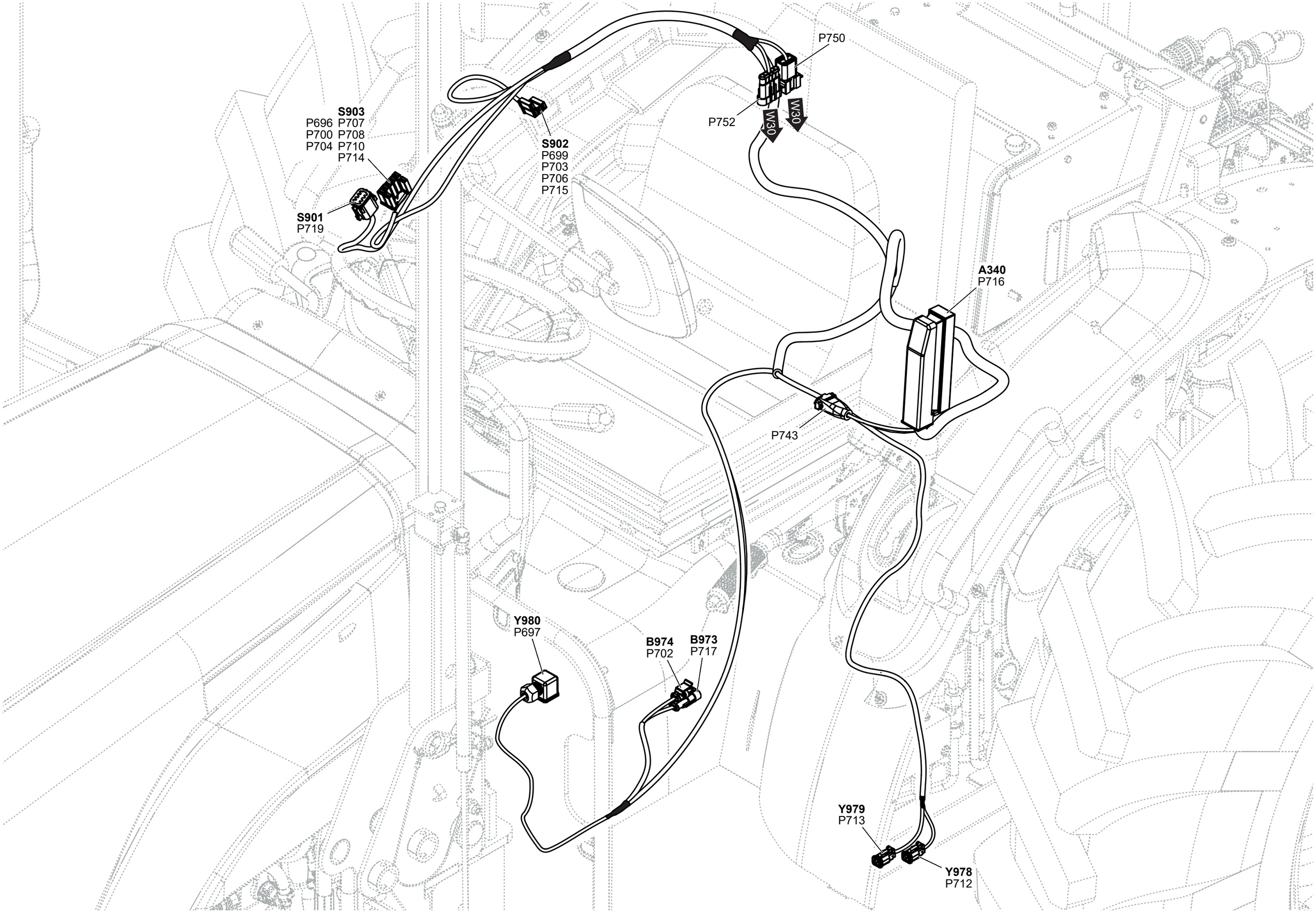

X8.2W38
X22W38
Y530
X8.1W38
X21W38
Y520
X10W38
B504
X3W38
A530
X20W38
Y510
X4W38
B500
X5W38
B508



W45_1_AG_OUT_464767_B_0_20200116

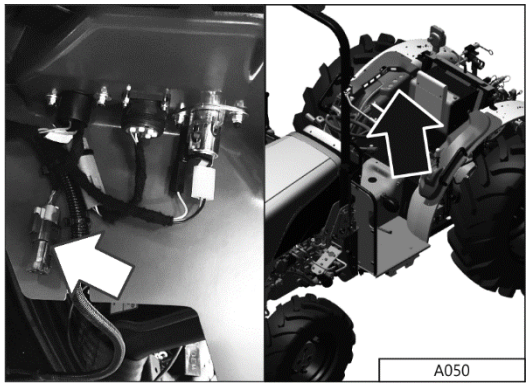


W45_AG_OUT_477720_B_0_20200116

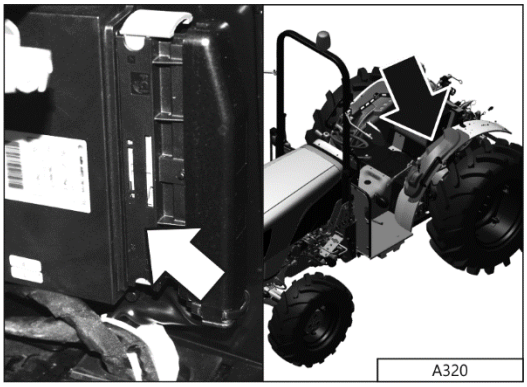


W65_AG_OUT_520499_B_1_20200214

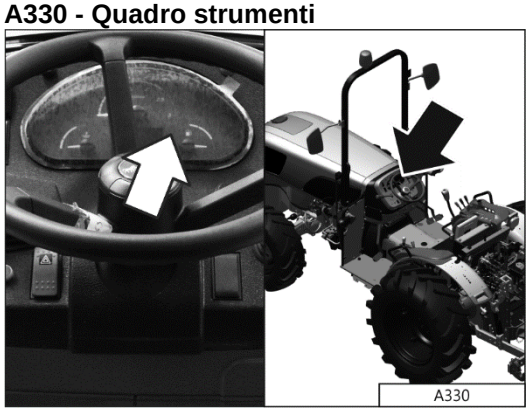
A050 - Resistenza CAN Bus



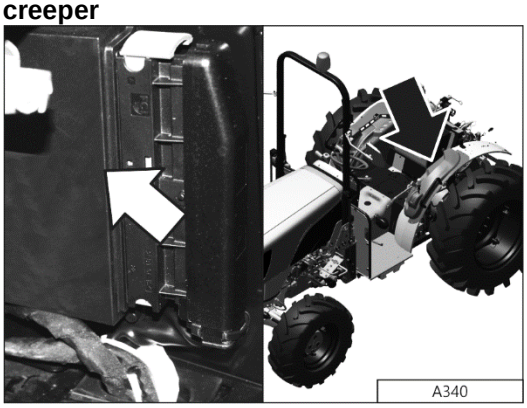
A320 - Centralina trasmissione



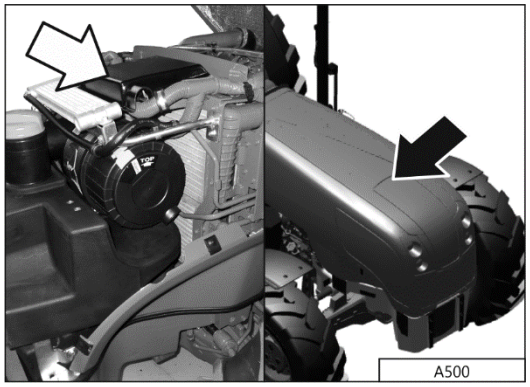
A330 - Quadro strumenti



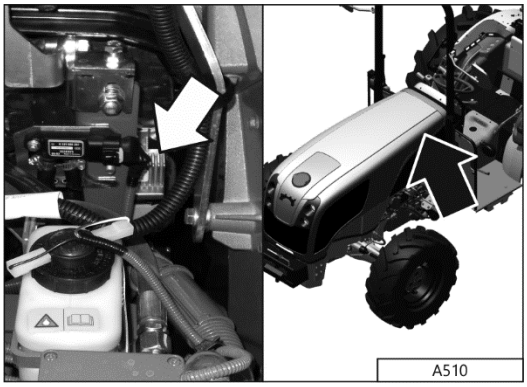
A340 - Centralina trasmissione super creeper



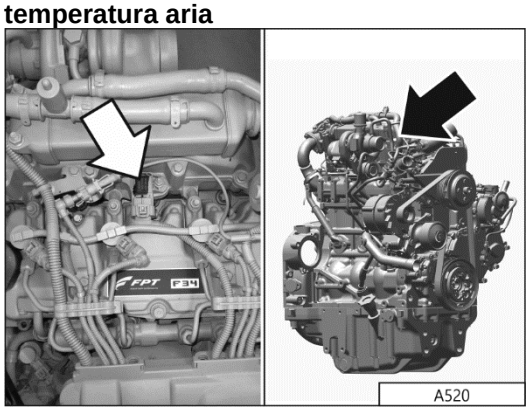
A500 - Centralina motore



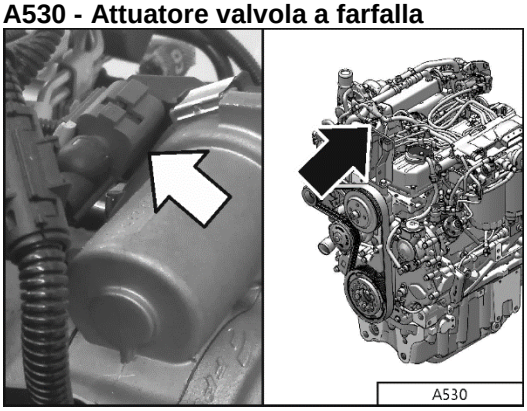
A510 - Centralina candelette



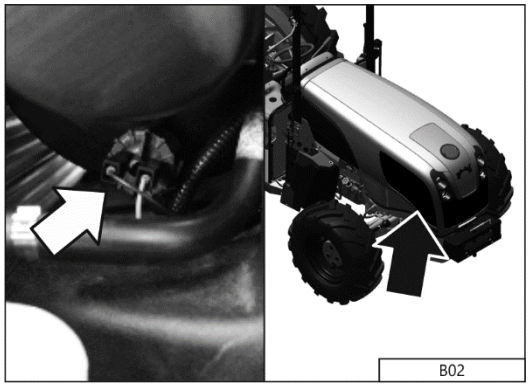
A520 - Sensore di aumento pressione e temperatura aria



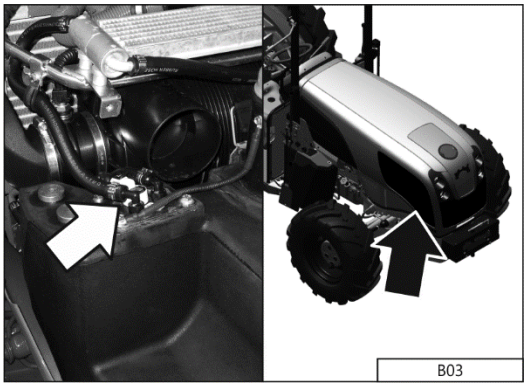
A530 - Attuatore valvola a farfalla



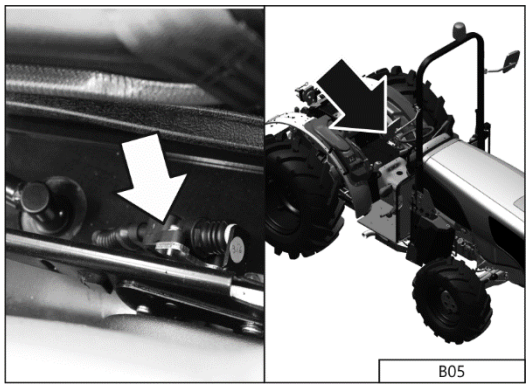
B02 - Pressostato intasamento filtro aria



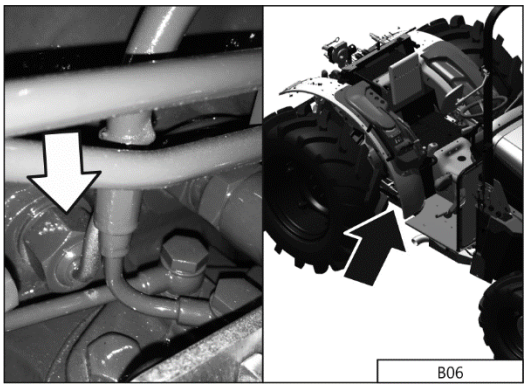
B03 - Sensore livello carburante



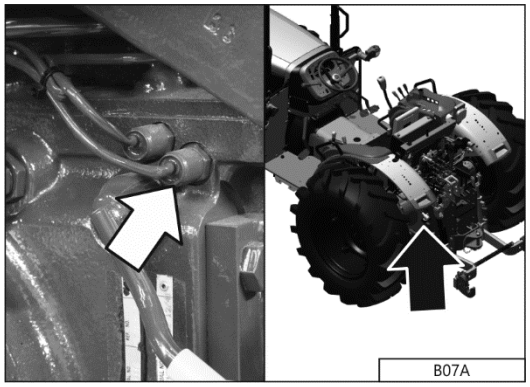
B05 - Interruttore freno a mano



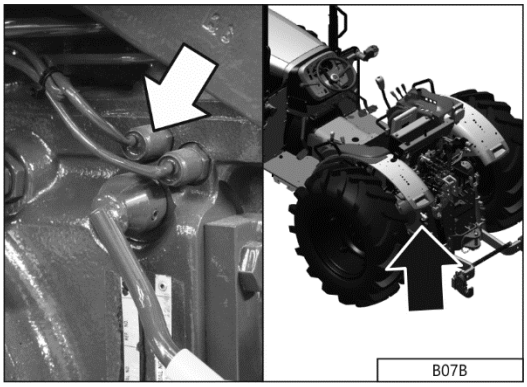
B06 - Sensore velocità veicolo



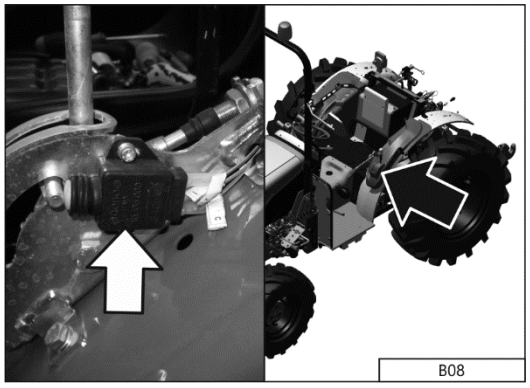
B07A - Interruttore velocità PTO 540E/1000



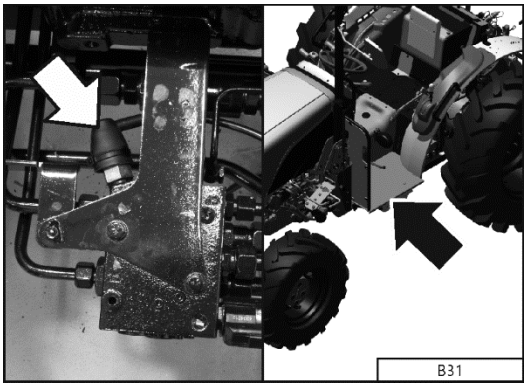
B07B - Interruttore velocità PTO 540



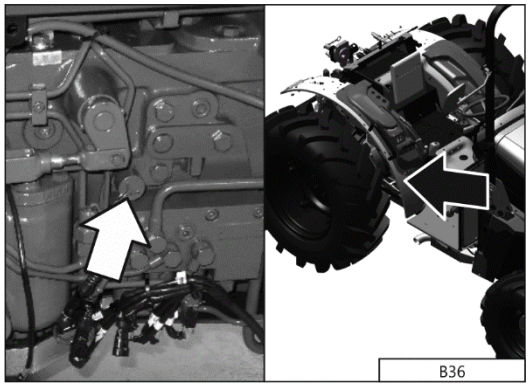
B08 - Interruttore PTO meccanica



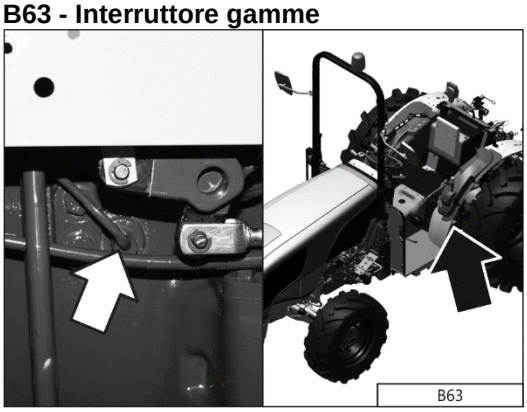
B31 - Pressostato circuito freno rimorchio



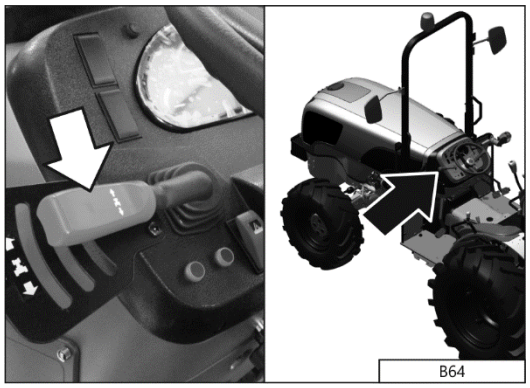
B36 - Interruttore Neutro trasmissione



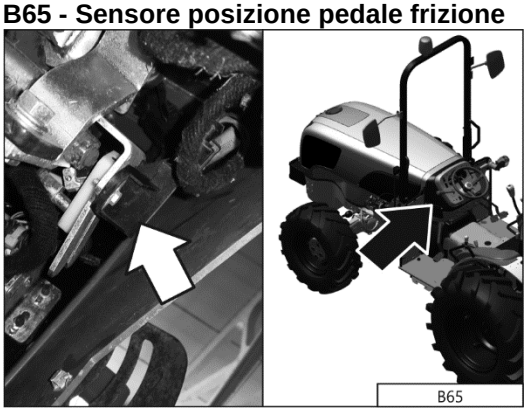
B63 - Interruttore gamme



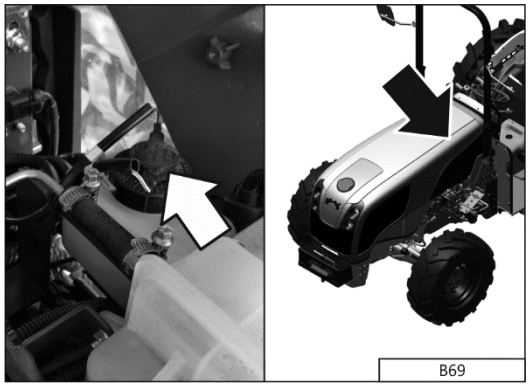
B64 - Leva inversore



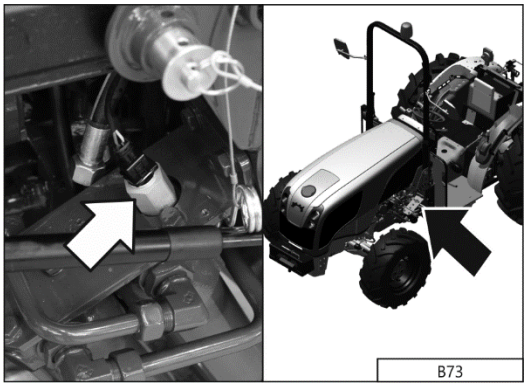
B65 - Sensore posizione pedale frizione



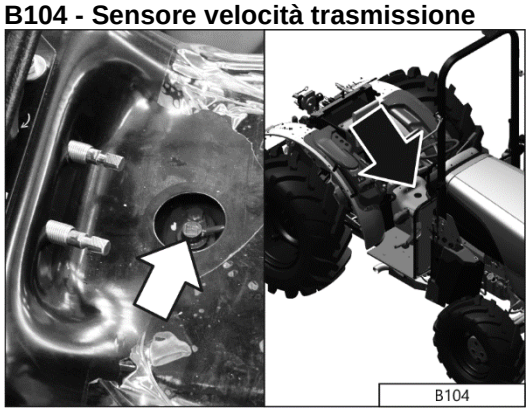
B69 - Interruttore livello olio freni



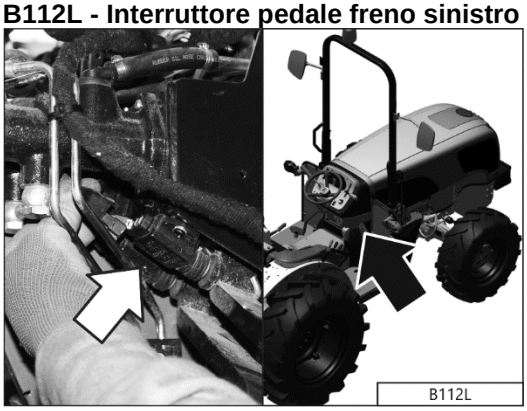
B73 - Pressostato intasamento filtro olio trasmissione



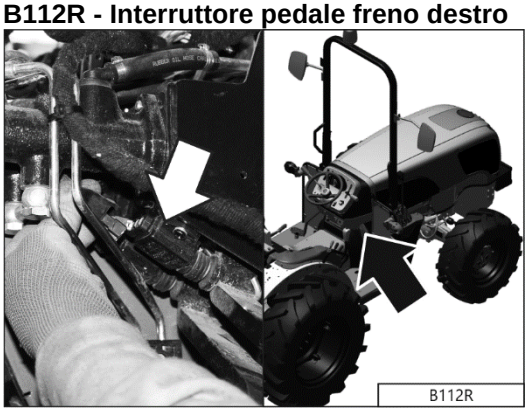
B104 - Sensore velocità trasmissione



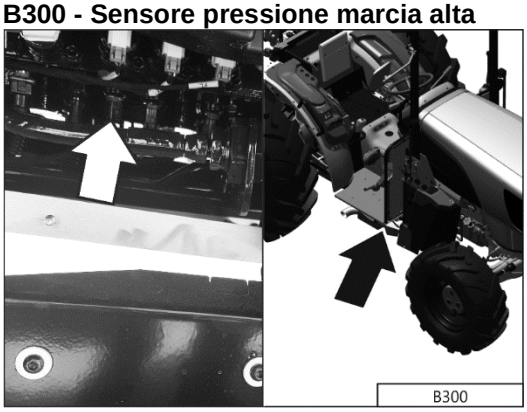
B112L - Interruttore pedale freno sinistro



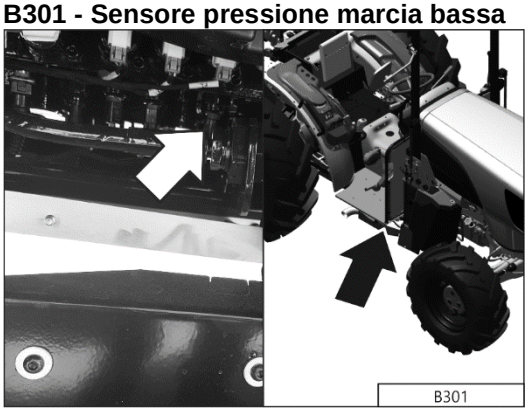
B112R - Interruttore pedale freno destro



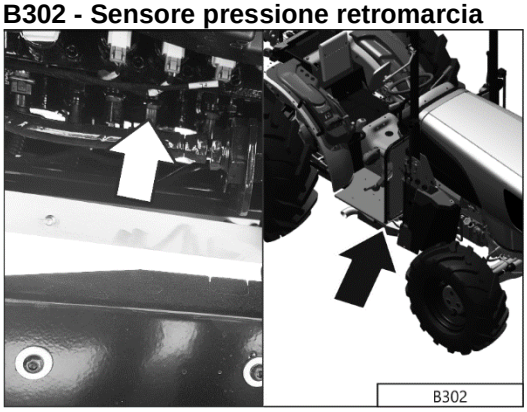
B300 - Sensore pressione marcia alta



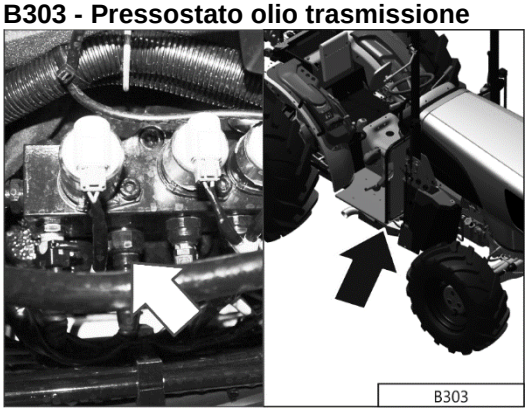
B301 - Sensore pressione marcia bassa



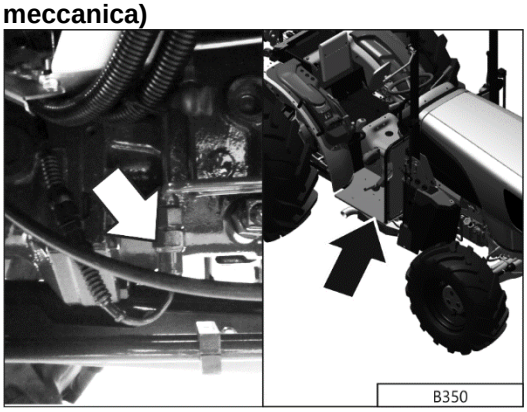
B302 - Sensore pressione retromarcia



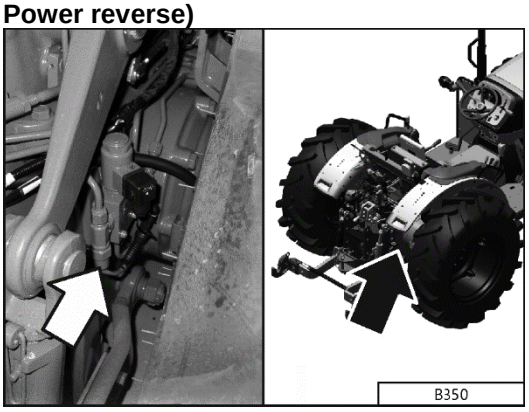
B303 - Pressostato olio trasmissione



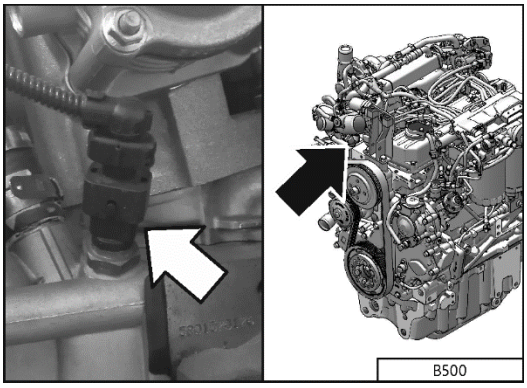
B350 - Pressostato circuito PTO (Versione meccanica)



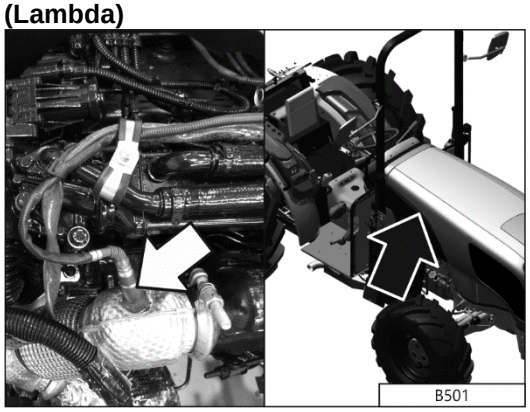
B350 - Pressostato circuito PTO (Versione Power reverse)



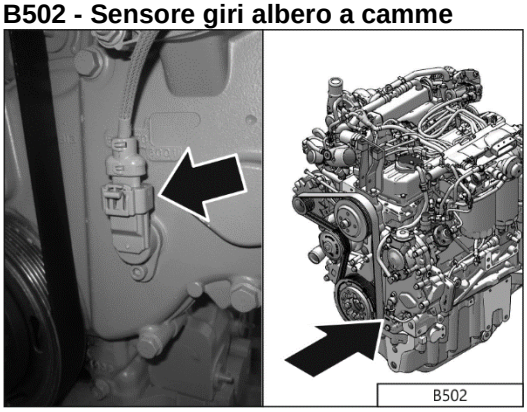
B500 - Sensore di temperatura liquido di raffreddamento



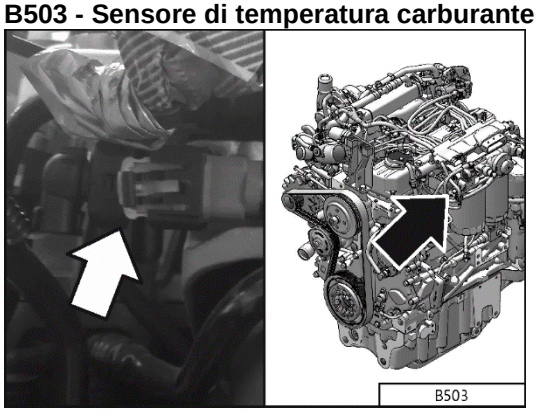
B501 - Sensore quantità di ossigeno (Lambda)



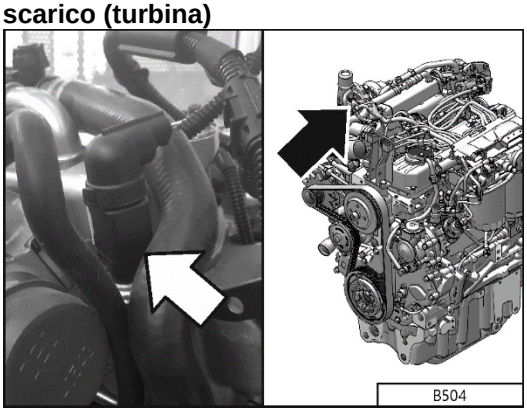
B502 - Sensore giri albero a camme



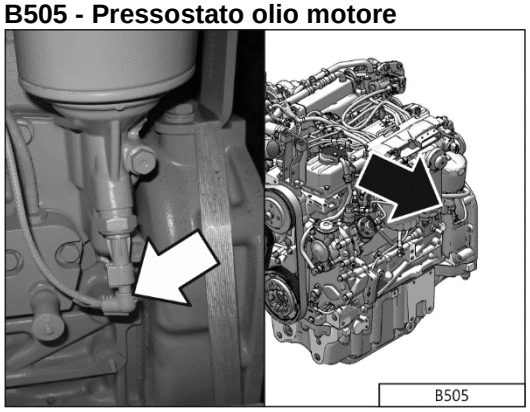
B503 - Sensore di temperatura carburante



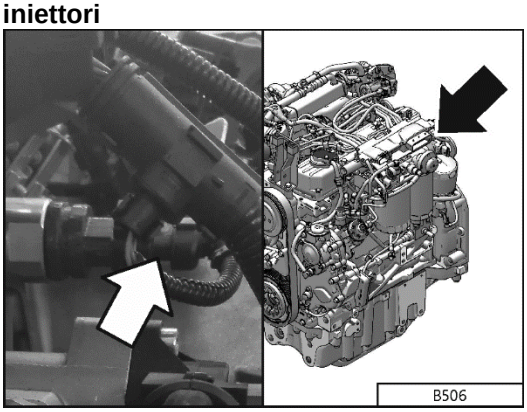
B504 - Sensore di pressione gas di scarico (turbina)



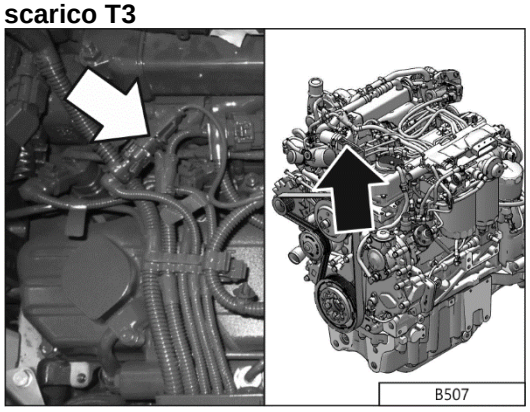
B505 - Pressostato olio motore



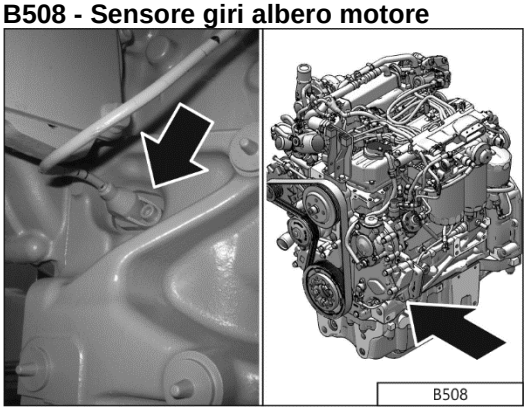
B506 - Sensore di pressione flauto iniettori



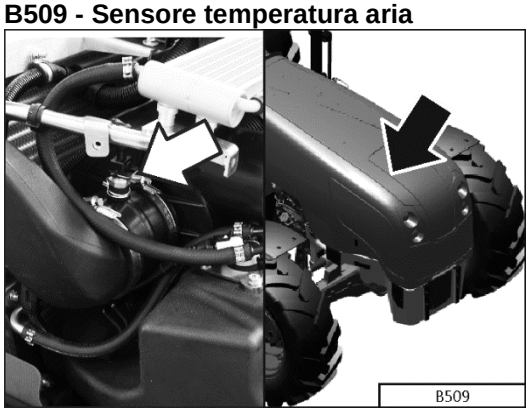
B507 - Sensore di temperatura dei gas di scarico T3



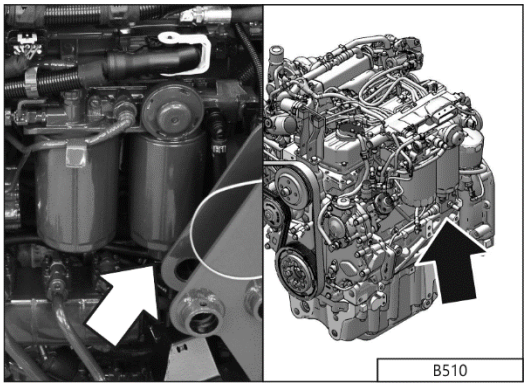
B508 - Sensore giri albero motore



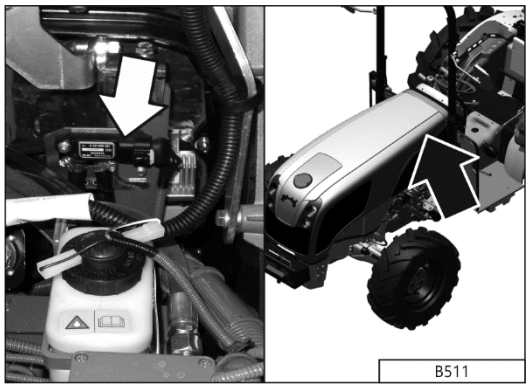
B509 - Sensore temperatura aria



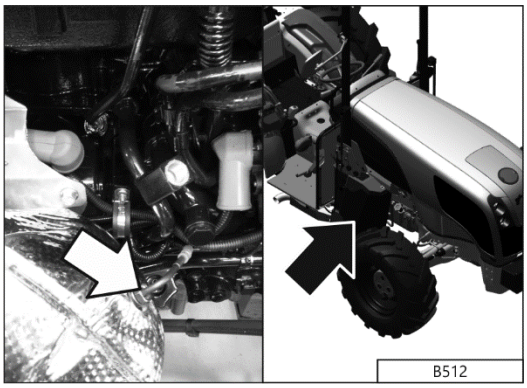
B510 - Sensore presenza acqua nel carburante



B511 - Sensore differenziale di pressione DPF



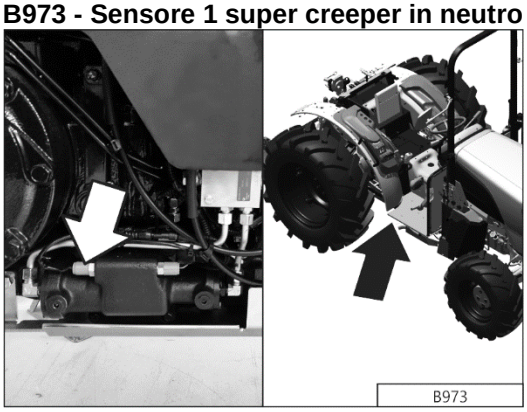
B512 - Sensore 1 temperatura gas di scarico



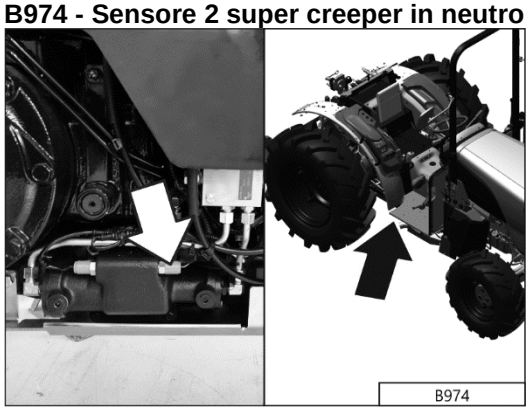
B513 - Sensore 2 temperatura gas di scarico



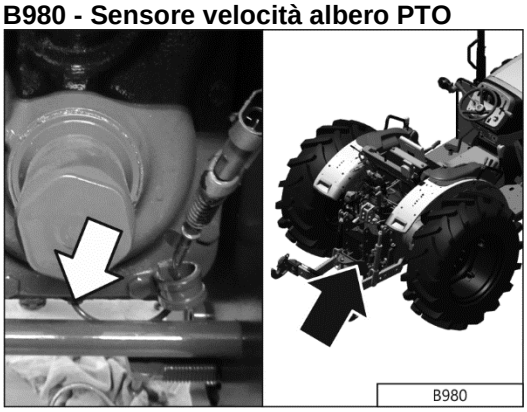
B973 - Sensore 1 super creeper in neutro



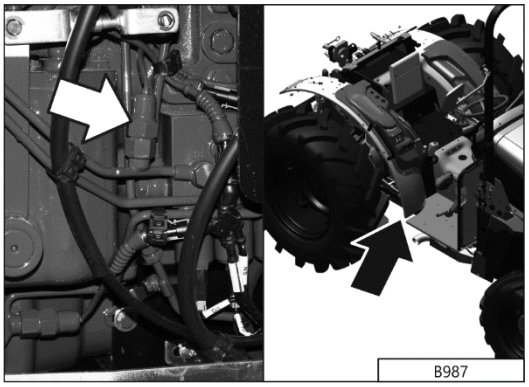
B974 - Sensore 2 super creeper in neutro



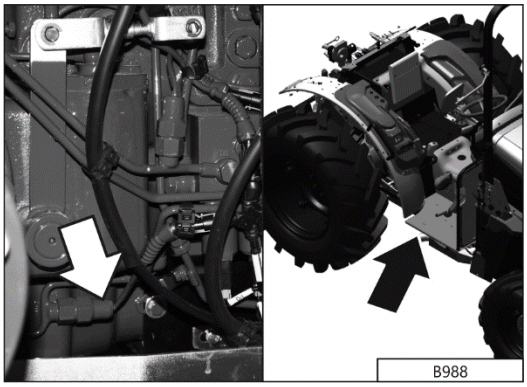
B980 - Sensore velocità albero PTO



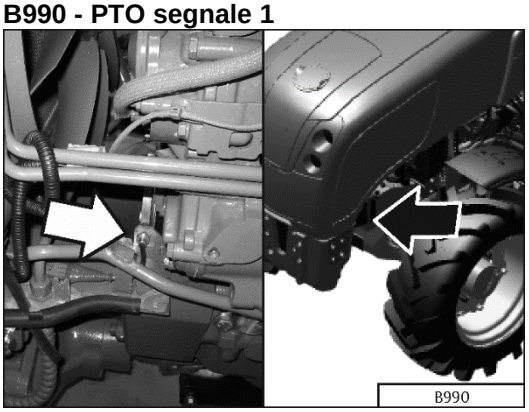
B987 - Pressostato circuito blocco differenziale



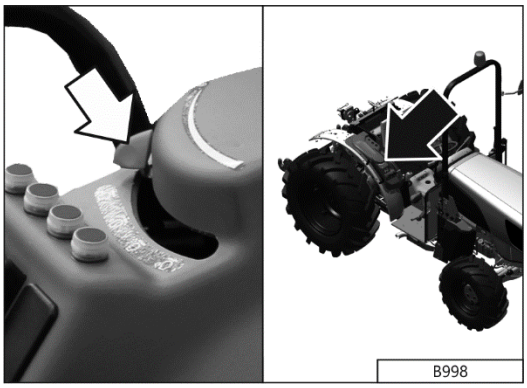
B988 - Pressostato circuito doppia trazione



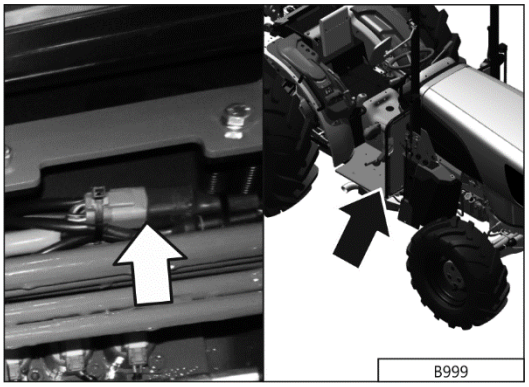
B990 - PTO segnale 1



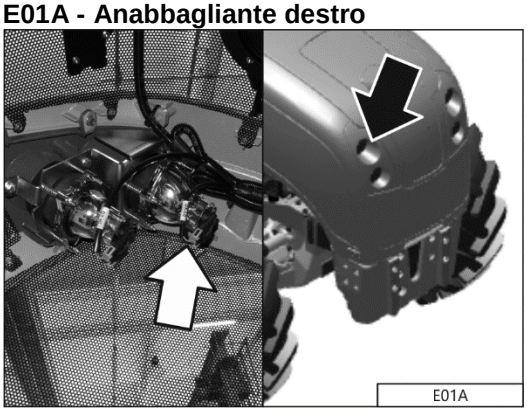
B998 - Acceleratore manuale



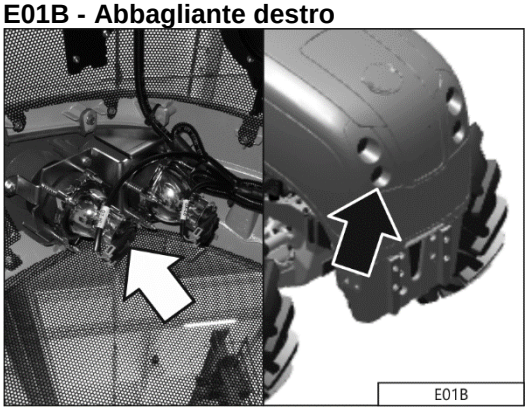
B999 - Pedale acceleratore



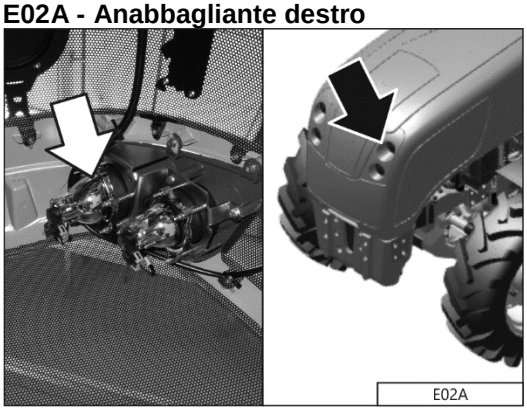
E01A - Anabbagliante destro



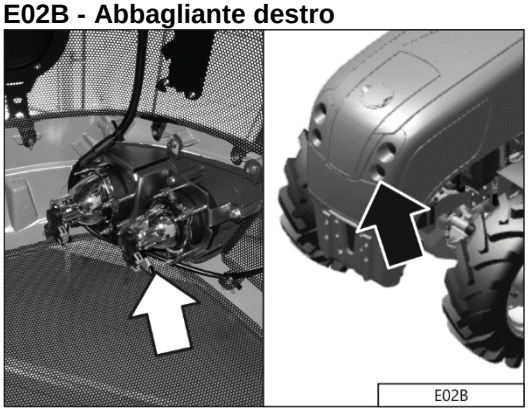
E01B - Abbagliante destro



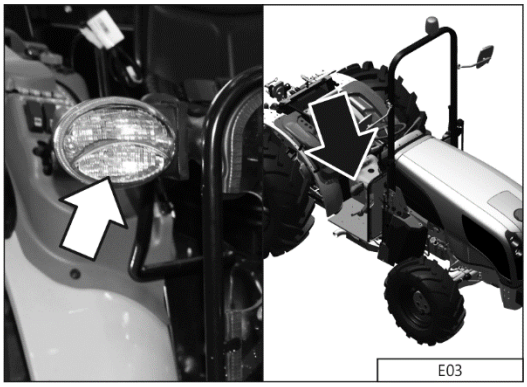
E02A - Anabbagliante destro



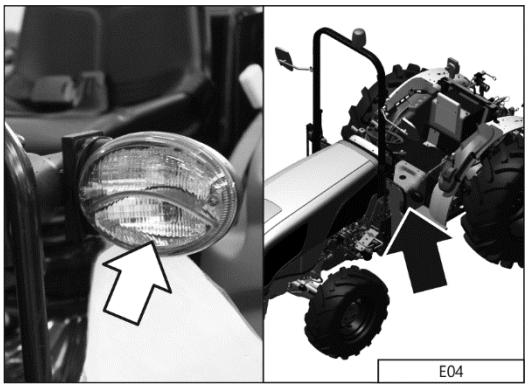
E02B - Abbagliante destro



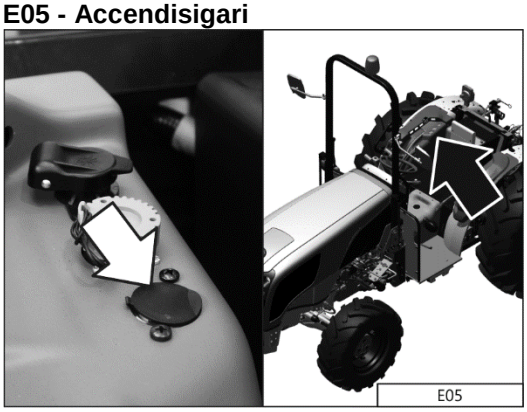
E03 - Luce corrimano destro



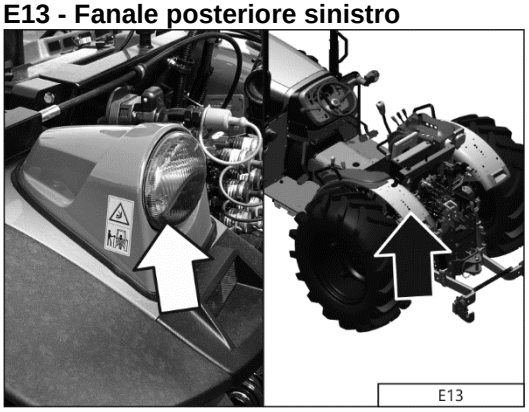
E04 - Luce corrimano sinistro



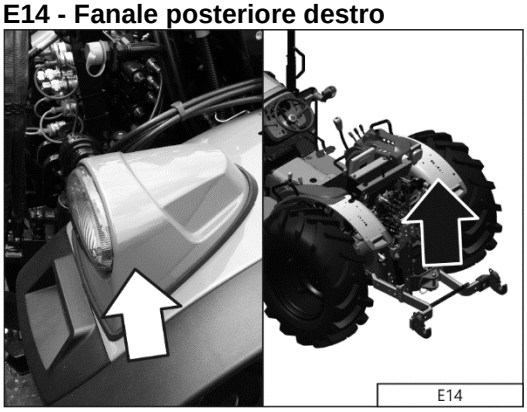
E05 - Accendisigari



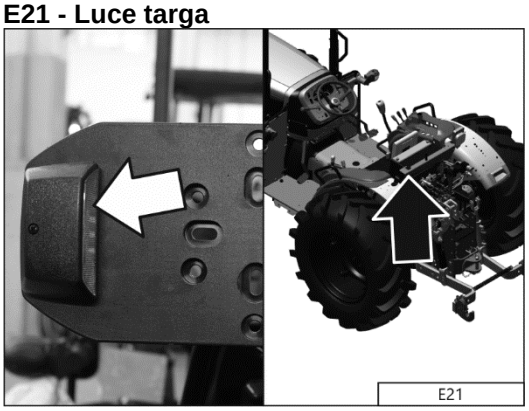
E13 - Fanale posteriore sinistro



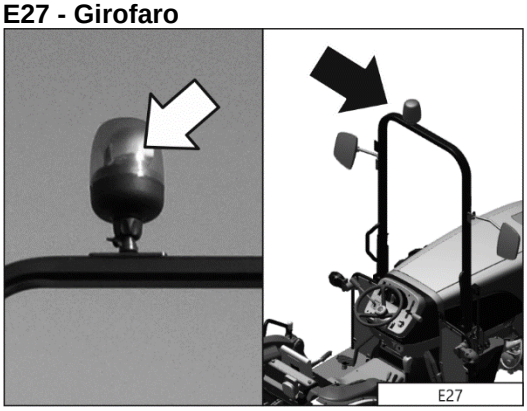
E14 - Fanale posteriore destro



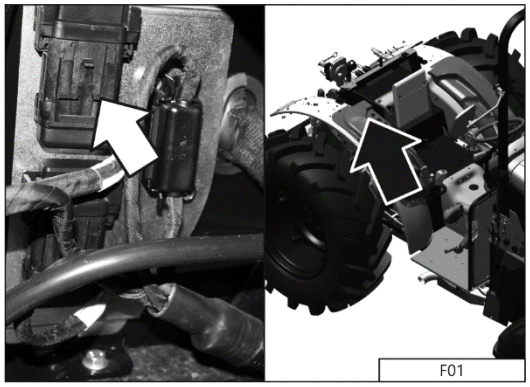
E21 - Luce targa



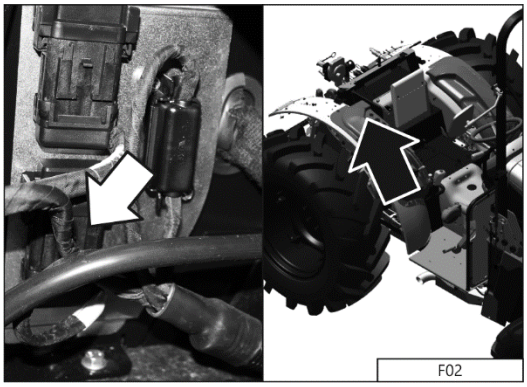
E27 - Girofaro



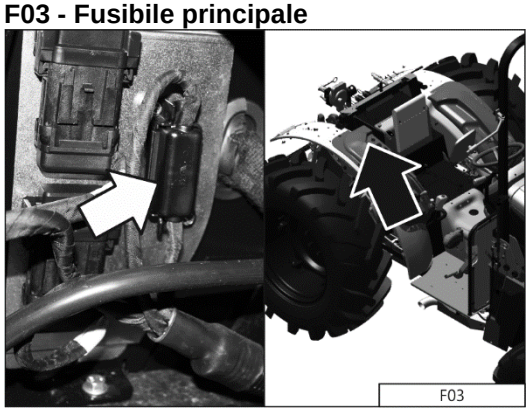
F01 - Maxi fusibile candelette



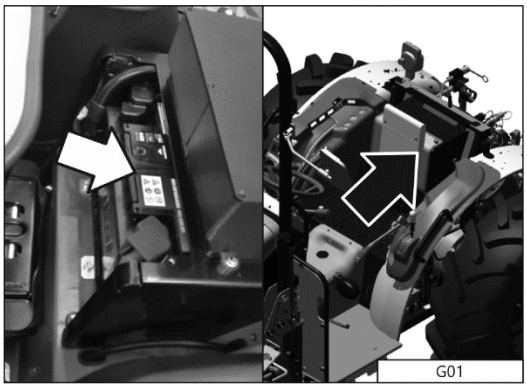
F02 - Fusibile centralina motore



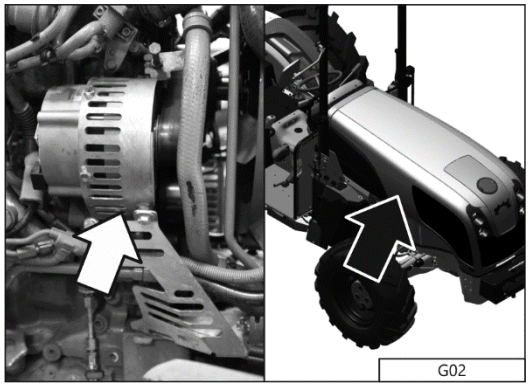
F03 - Fusibile principale



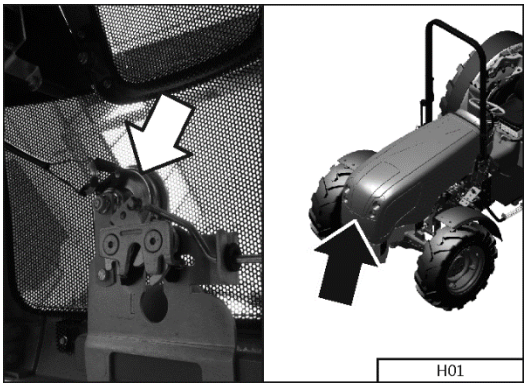
G01 - Batteria



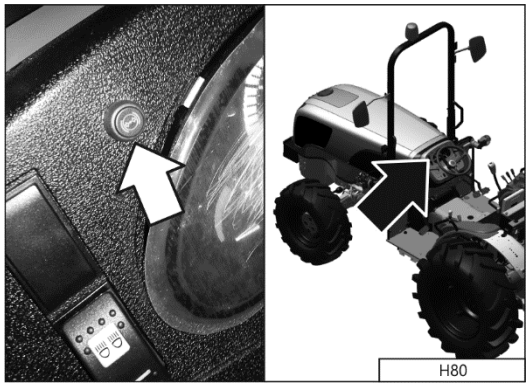
G02 - Alternatore



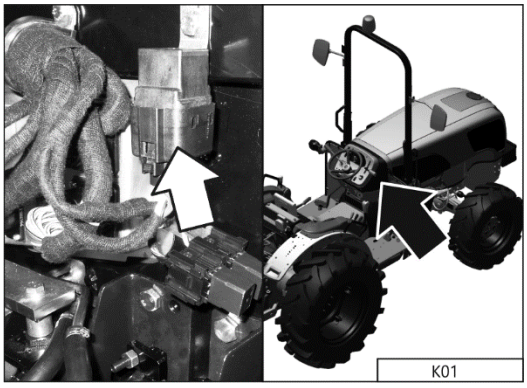
H01 - Claxon



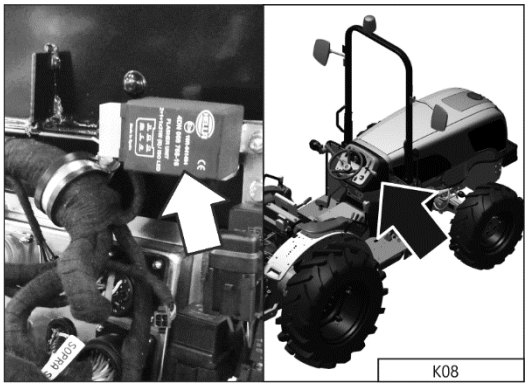
H80 - Interruttore freno rimorchio



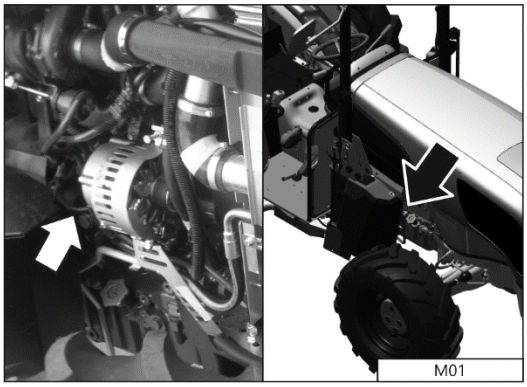
K01 - Relè avviamento



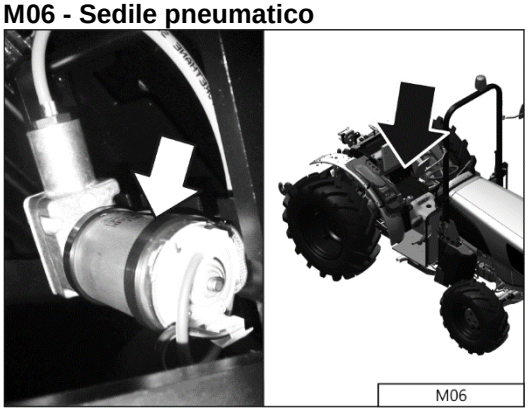
K08 - Temporizzatore indicatori di direzione



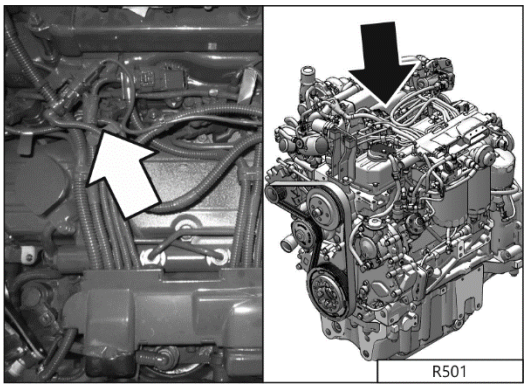
M01 - Motorino di avviamento



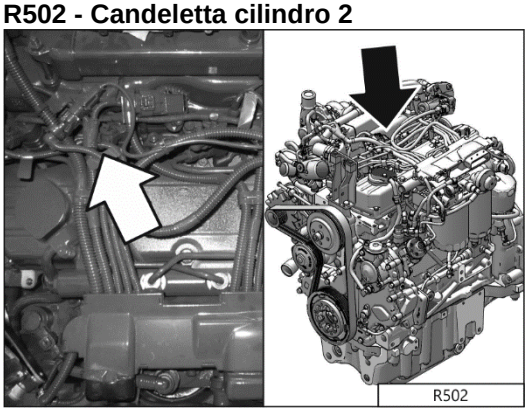
M06 - Sedile pneumatico



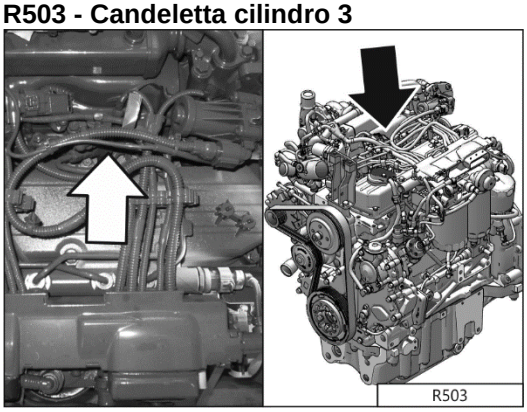
R501 - Candeletta cilindro 1



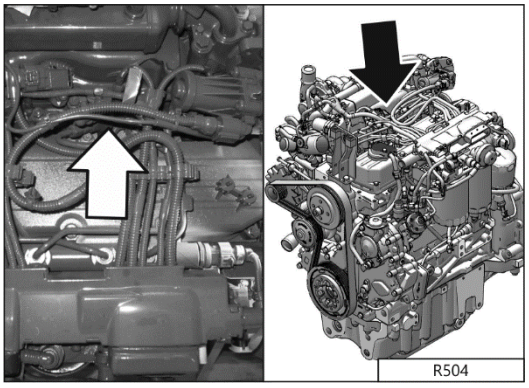
R502 - Candeletta cilindro 2



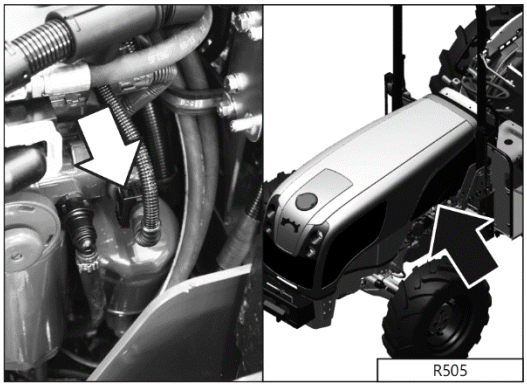
R503 - Candeletta cilindro 3



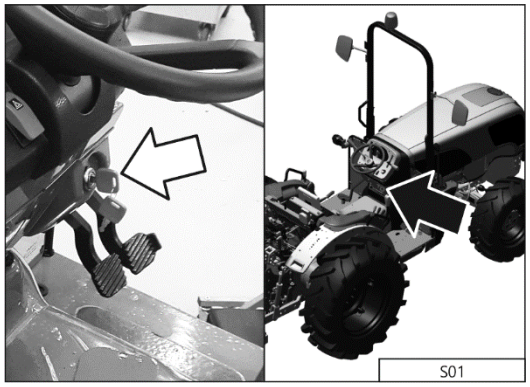
R504 - Candeletta cilindro 4



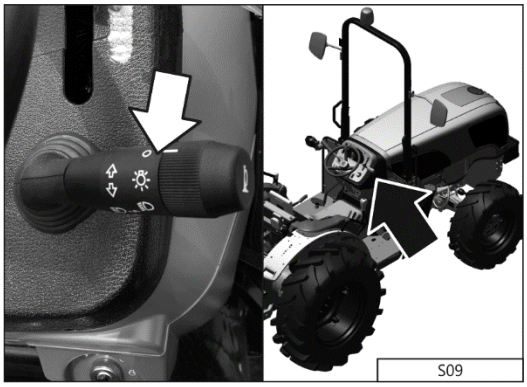
R505 - Riscaldatore filtro carburante



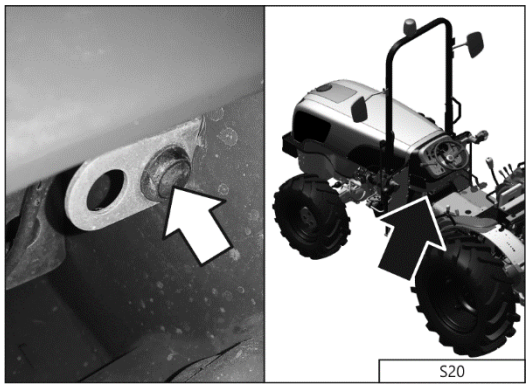
S01 - Interruttore di accensione



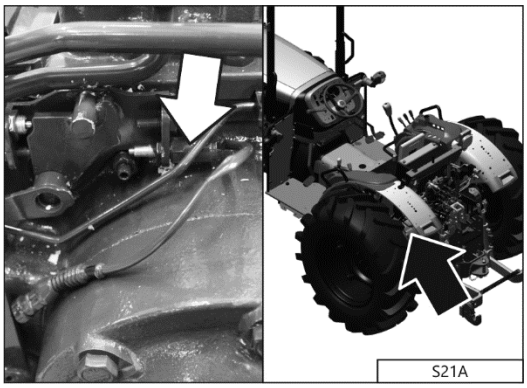
S09 - Leva indicatori di direzione



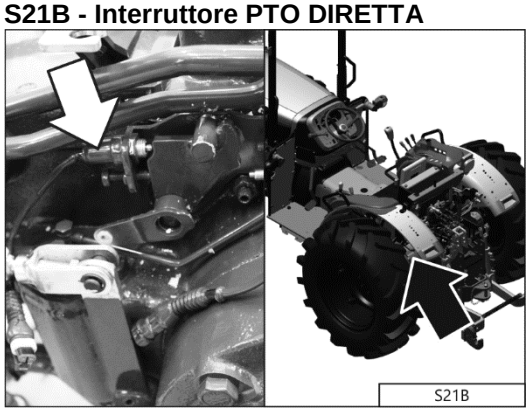
S20 - Pulsante calibrazione trasmissione



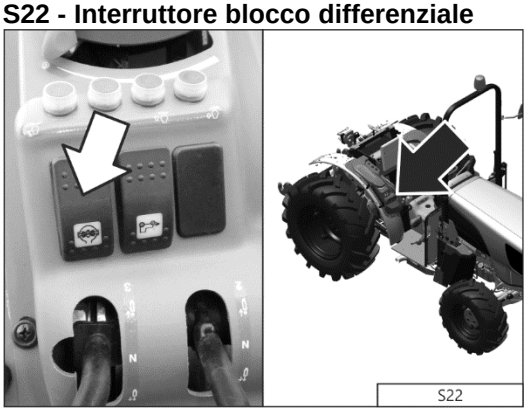
S21A - Interruttore PTO GROUND



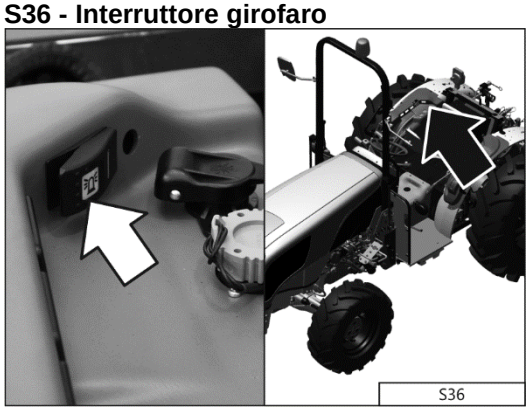
S21B - Interruttore PTO DIRETTA



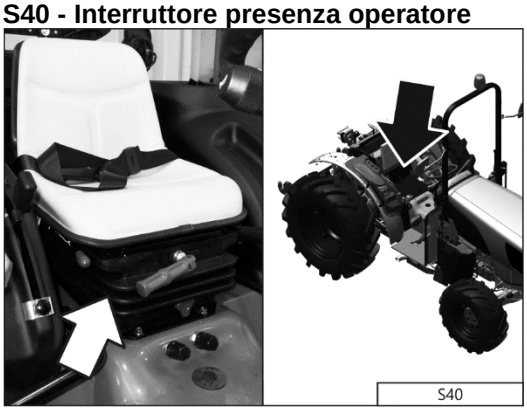
S22 - Interruttore blocco differenziale



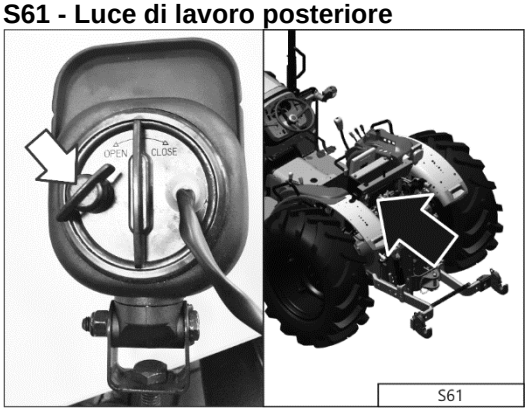
S36 - Interruttore girofaro



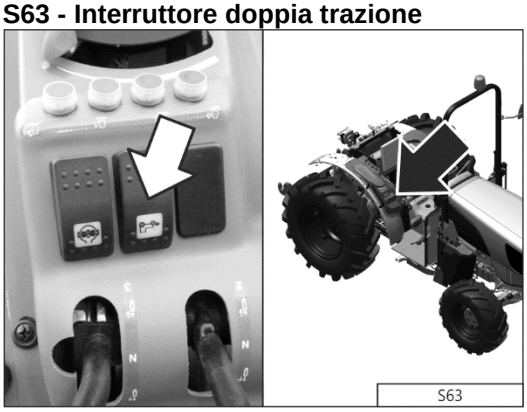
S40 - Interruttore presenza operatore



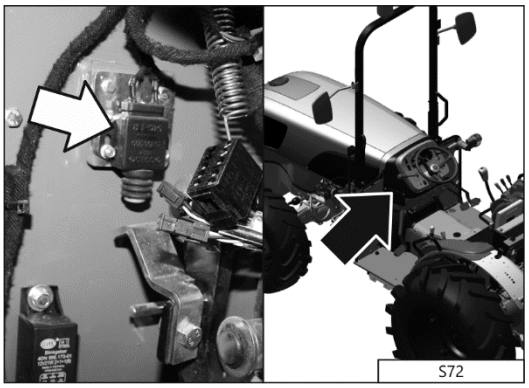
S61 - Luce di lavoro posteriore



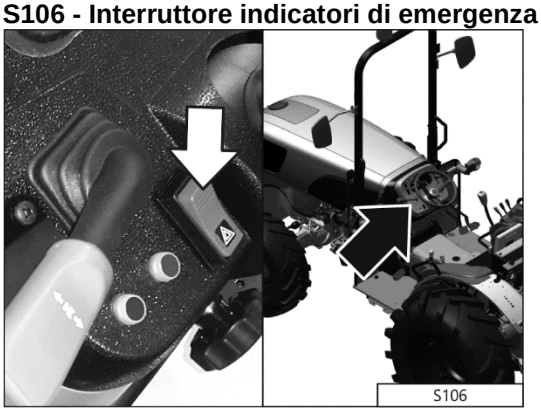
S63 - Interruttore doppia trazione



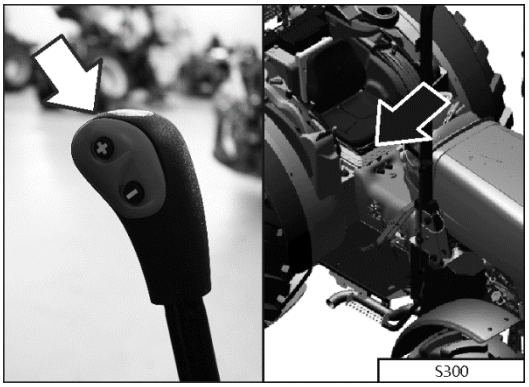
S72 - Interruttore fine corsa pedale frizione



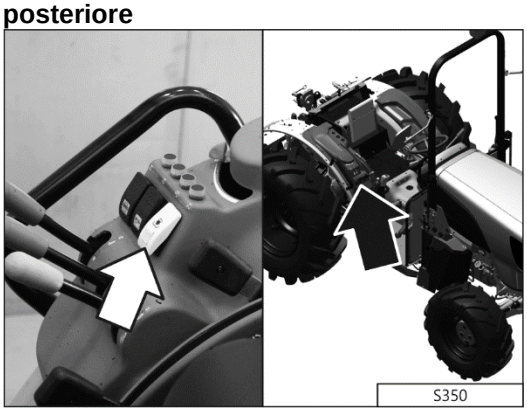
S106 - Interruttore indicatori di emergenza



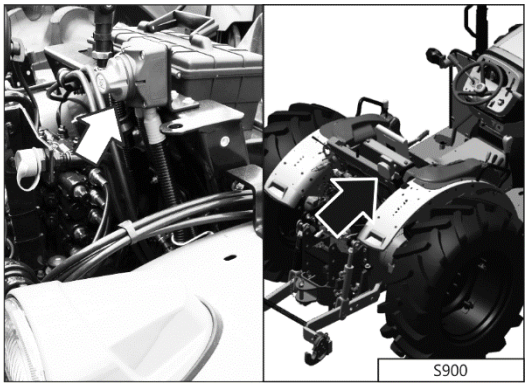
S300 - Interruttore funzione HI-LO



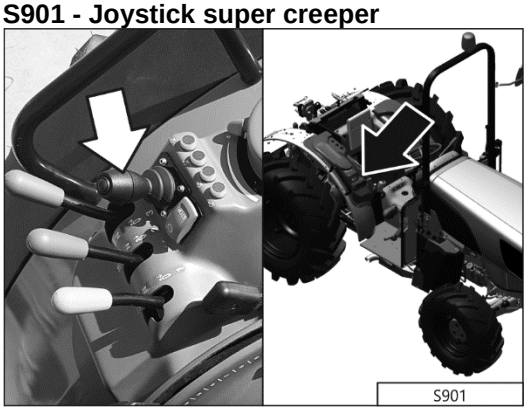
S350 - Interruttore PTO idraulica posteriore



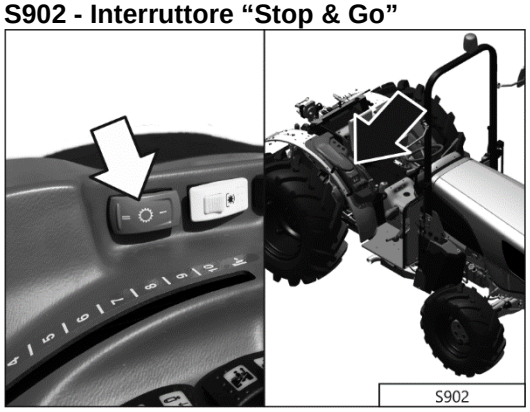
S900 - Interruttore stacca batteria



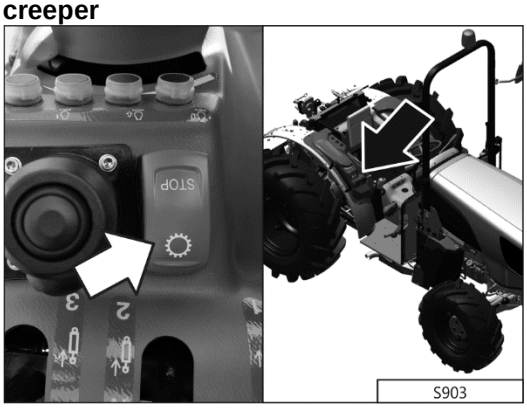
S901 - Joystick super creeper



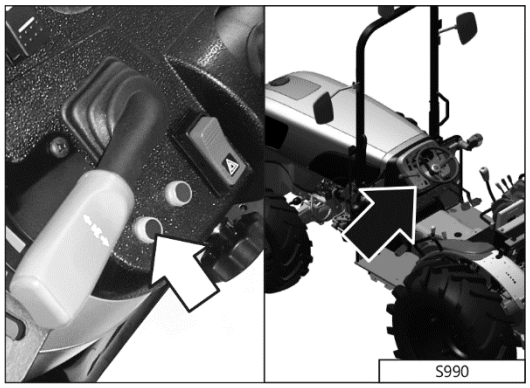
S902 - Interruttore “Stop & Go”



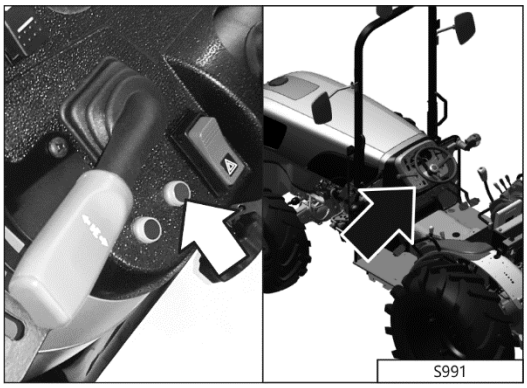
S903 - Interruttore attivazione super creeper



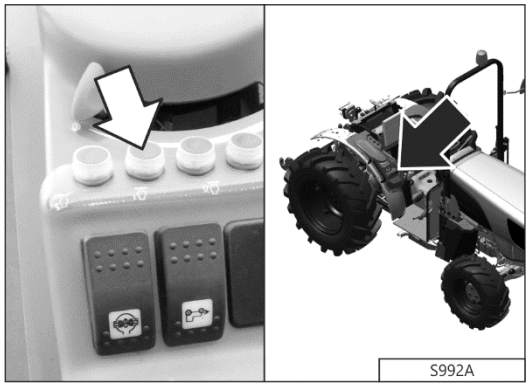
S990 - Pulsante MENU



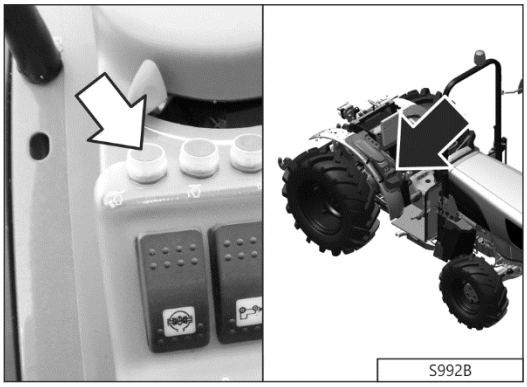
S991 - Pulsante SELEZIONE



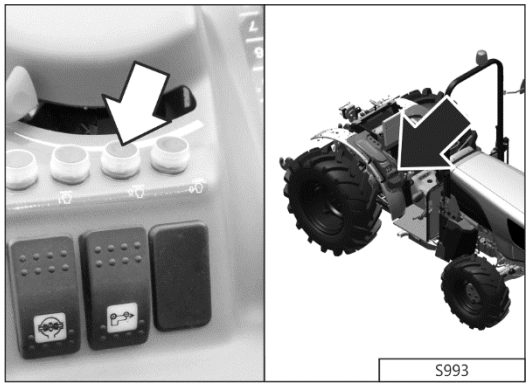
S992A - Pulsante “Cruise Control” memoria 1



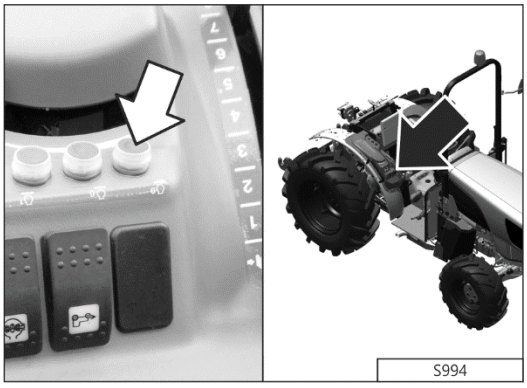
S992B - Pulsante “Cruise Control” memoria 2



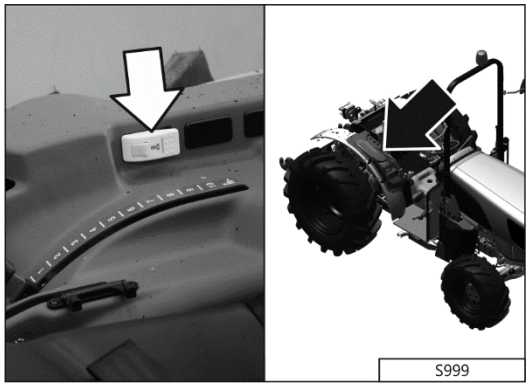
S993 - Pulsante “Cruise Control” DOWN



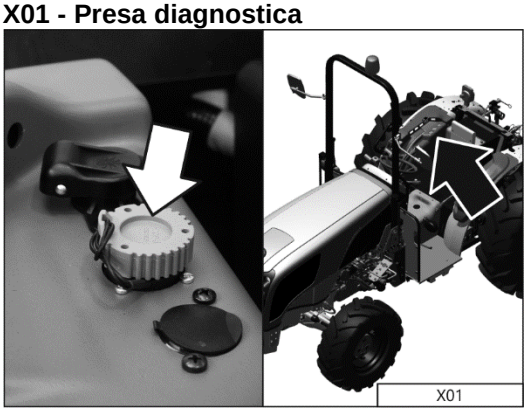
S994 - Pulsante “Cruise Control” UP



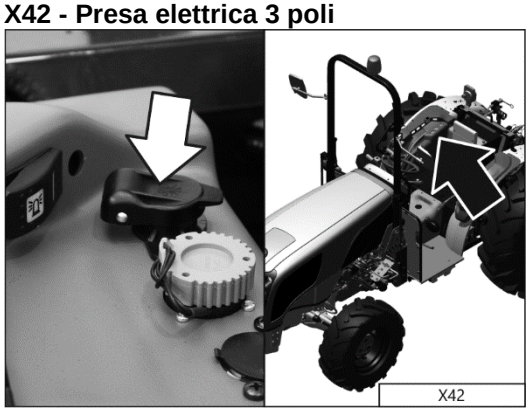
S999 - Interruttore PTO anteriore



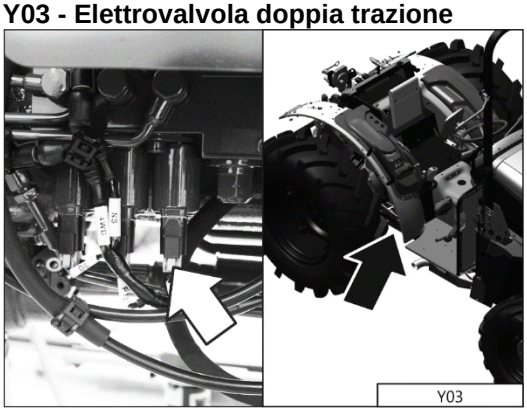
X01 - Presa diagnostica



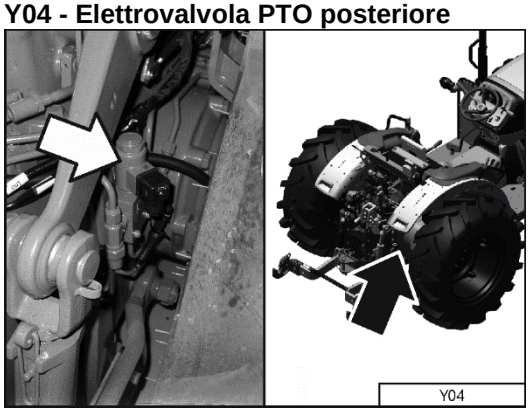
X42 - Presa elettrica 3 poli



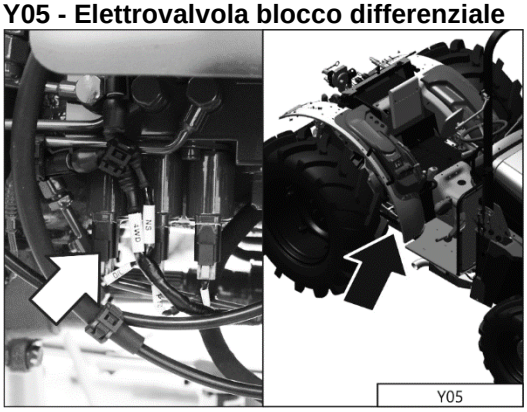
Y03 - Elettrovalvola doppia trazione



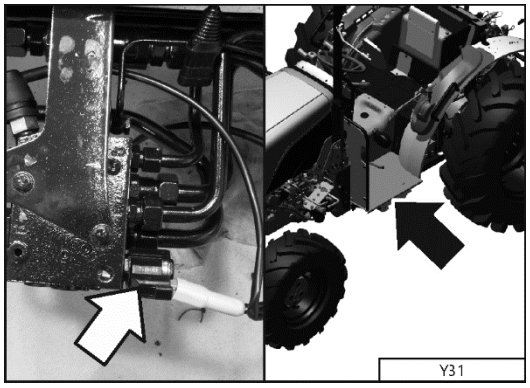
Y04 - Elettrovalvola PTO posteriore



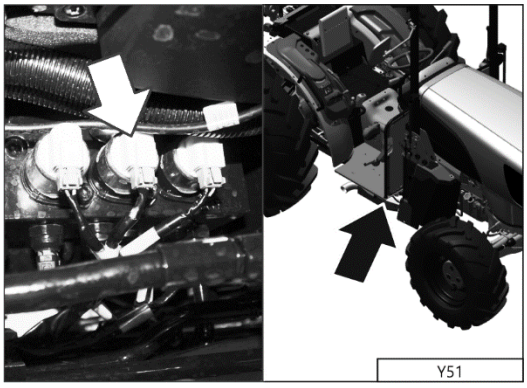
Y05 - Elettrovalvola blocco differenziale



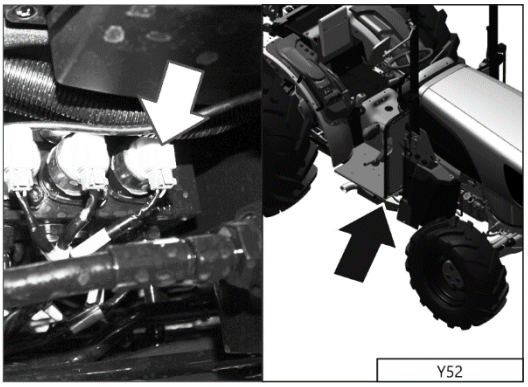
Y31 - Elettrovalvola freno rimorchio



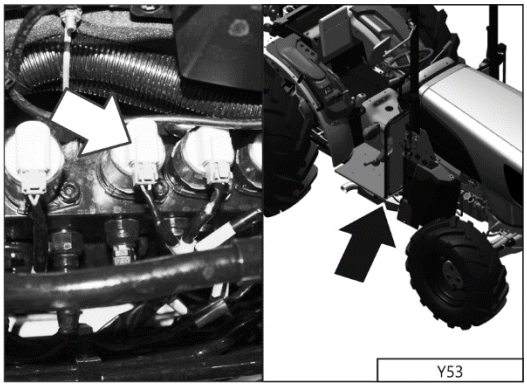
Y51 - Elettrovalvola retromarcia



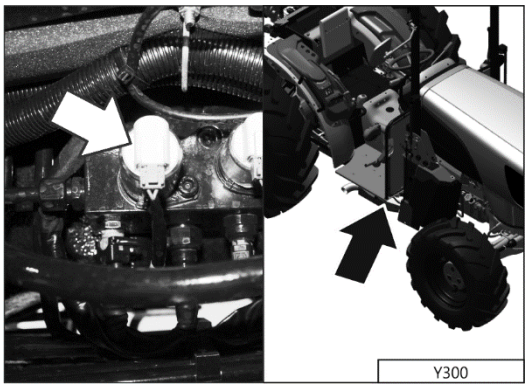
Y52 - Elettrovalvola marcia avanti lenta



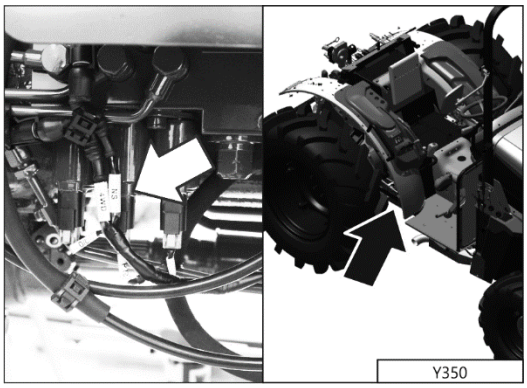
Y53 - Elettrovalvola marcia avanti veloce



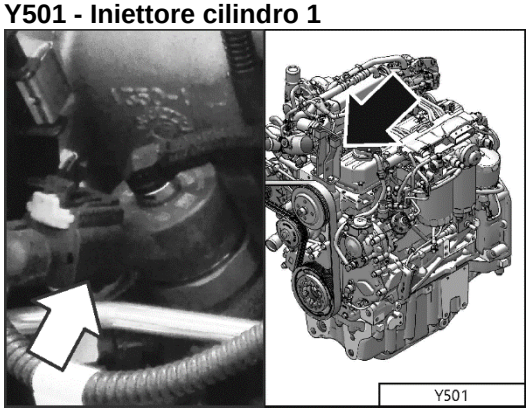
Y300 - Elettrovalvola principale trasmissione



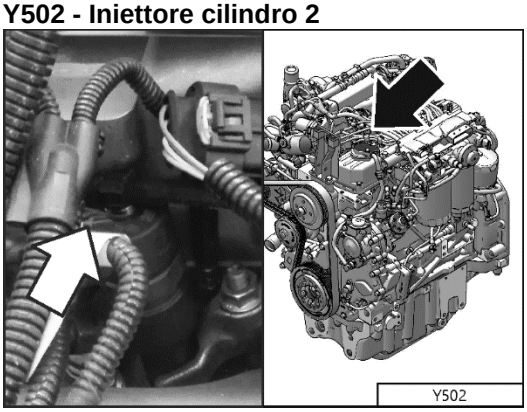
Y350 - Elettrovalvola sicurezza PTO



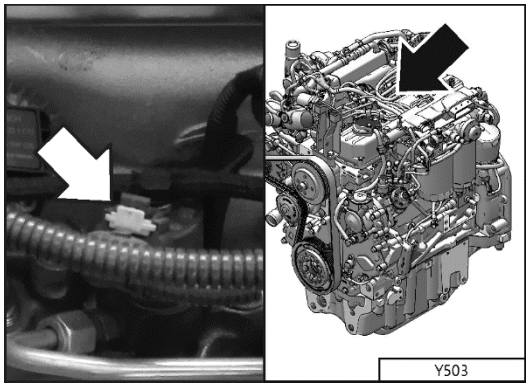
Y501 - Iniettore cilindro 1



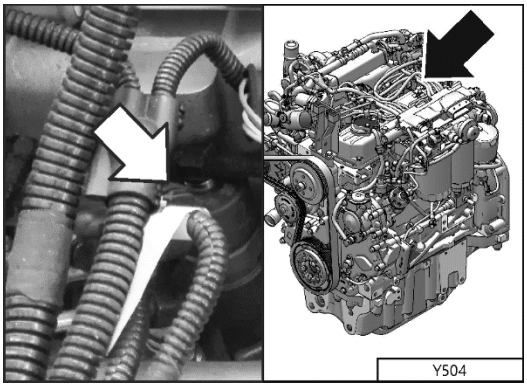
Y502 - Iniettore cilindro 2



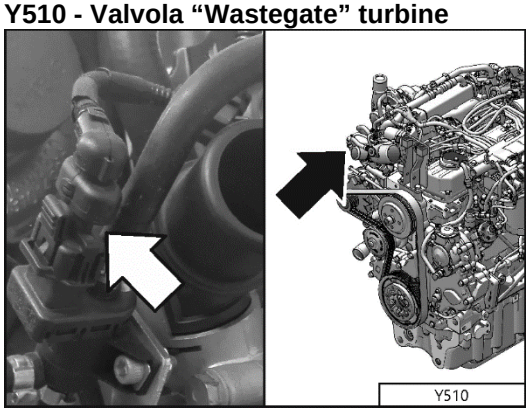
Y503 - Iniettore cilindro 3



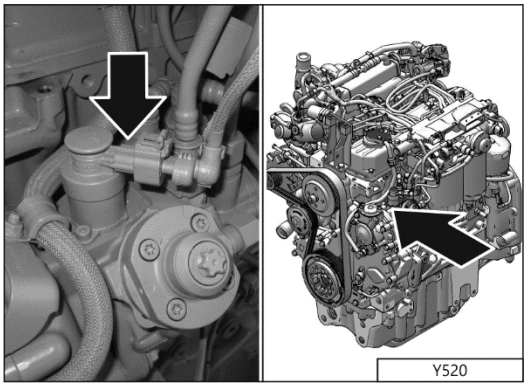
Y504 - Iniettore cilindro 4



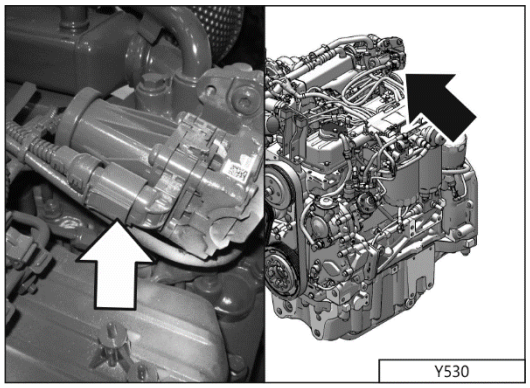
Y510 - Valvola “Wastegate” turbine



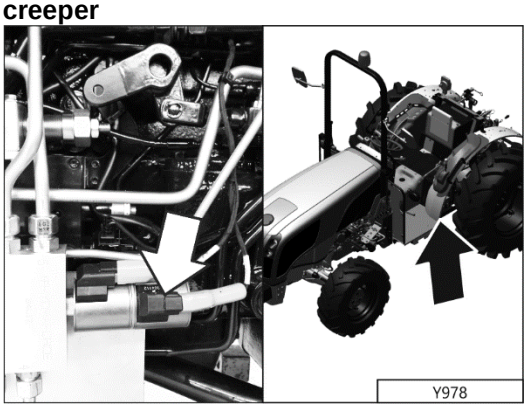
Y520 - Unità di misurazione del carburante



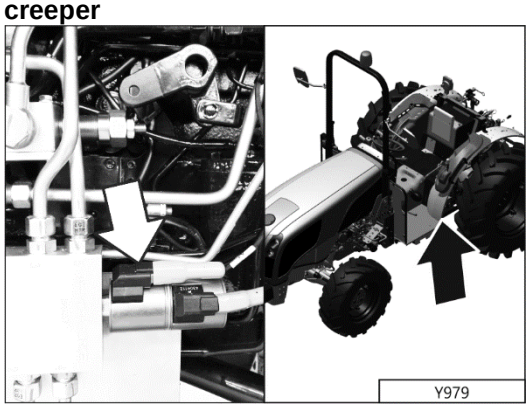
Y530 - Valvola EGR



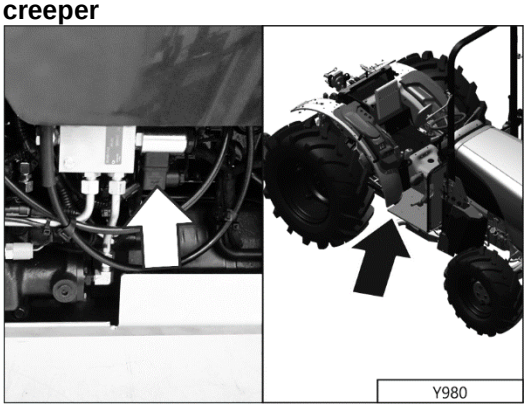
Y978 - Elettrovalvola retromarcia super creeper



Y979 - Elettrovalvola Marcia avanti super creeper



Y980 - Elettrovalvola attivazione super creeper



Y999 - Elettrovalvola PTO anteriore

