DRAWING N.
PART N.

DASHBOARD

W29

W30

CHASSIS

CARTER

W31

14 - VFR MR-K/D5 — M-L 0,5 — 17
11 - DASHBOARD-16/P74 — B-V 0,75 — 23
11 - DASHBOARD-66/P74 — L-H 0,75 — 27
11 - DASHBOARD-70/P74 — C-R 0,75 — 28
J33

P66: 17 M-L 0,5; 23; 27 L-H 0,75; 28 C-R 0,75

0,75B-V

P67: 6; 10

J35: 6; 10

0,75L-H

0,75C-R

11 - DASHBOARD-18/P74 — R-Z 0,75 — 1
11 - DASHBOARD-30/P74 — Z-V 0,75 — 16
11 - DASHBOARD-29/P74 — H-M 0,5 — 17
J31

P63: 1; 16 Z-V 1,0; 17

0,75R-Z

1,0 H-M

Z012
Hand brake switch
P308 / P308: 2 — 1 A-B 0,75 — 3 — 4

13 - THROTTLES-PIN1/SP46

ChassisGND

N 0,75

N 0,75 — D7 — R-Z 0,75
D/L free wheel diode - 2A 100V
0,75 N
P359: PIN1, PIN2, 2
Y105
D/L Valve

0,75B-V

D8 — M-G 0,75
4WD free wheel diode - 2A 100V
P358: PIN1, PIN2, 2
4WD Valve
Y001

Z235
D/L pressure switch
13 - THROTTLES-PIN1/SP54 — C-N 0,75 — P307: 1, 1 — P307: 2, 2

Z234
4WD pressure switch
13 - THROTTLES-PIN1/SP54 — C-N 0,75 — P306: 1, 1 — P306: 2, 2

N 0,5 — 5 - POS, TURN, & STOP LIGHTS-PIN1/SP31

S001
4wd switch
P302 / P302:
7 — PIN7 — PIN8 — 8 G 0,5 — 5 - POS, TURN, & STOP LIGHTS-PIN1/SP3
PIN3 — 3 N 0,5 — 5 - POS, TURN, & STOP LIGHTS-PIN1/SP31
2 — PIN2 — PIN1 — 1 C-N 0,75 — 13 - THROTTLES-PIN1/SP48

S094
D/L switch
P304 / P304:
7 — PIN7 — PIN8 — 8 G 0,5 — 5 - POS, TURN, & STOP LIGHTS-PIN1/SP3
PIN3 — 3 N 0,5 — 5 - POS, TURN, & STOP LIGHTS-PIN1/SP31
2 — PIN2 — PIN1 — 1 C-N 0,75 — 13 - THROTTLES-PIN1/SP48

N 0,5 — 5 - POS, TURN, & STOP LIGHTS-PIN1/SP31

LEGENDA ETICHETTE - IDENTIFICATION

	AREA LAVORAZIONE
	PESO NETTO
	PESO LORDO
	ETICHETTA COLLAUDO
	TARGHETTA TIPO

TOLLERANZE CABLAGGI-WIRING TOLLERANCES

RANGE LUNGHEZZA (mm) RANGE LENGHT (mm)	TOLLERANZA (mm) TOLLERANCE (mm)
70 / 99	+5 / +15
100 / 199	+5 / +20
200 / 299	+5 / +30
300 / 399	+5 / +35
400 / 499	+5 / +40
> 500	+5 / +1%

LEGENDA COLORE CAVO - COLOUR ABBREVIATION

A	ASHGREY
	LIGHT BLUE
B	WHITE
	BLUE
C	ORANGE
	ORANGE
G	YELLOW
	GREEN
H	GREY (SILVER)
	BROWN
L	LIGHT BLUE
	MARRONE
M	BROWN
	BROWN
N	BLACK
	BLACK
R	RED
	RED
S	PINK
	PINK
V	VIOLET
	VIOLET
Z	GREY (PURPLE)
	V.A. AVVOLGIMENTO SCHERMO E CONDUTTORE/SHIELD AND CONDUCTOR WINDING
	V.A. CAVO SCHERMATO CON/SHIELDED CABLE/
	V.A. CAVO SCHERMATO CON/SHIELDED CABLE/

1	PRIMA EMISSIONE PER PROTOTIPI	
REV. REV.	DESCRIZIONE CHANGE	

QUESTO DISEGNO È DI PROPRIETÀ ESCLUSIVA DI CARRARO S.P.A. ANCHE IL CONTENUTO QUESTO DI CARRARO S.P.A. QUESTO DISEGNO NON PUÒ ESSERE RIPRODOTTO, O IN ALCUN MODO COPIATO, UTILIZZATO PER LA PRODUZIONE DEI COMPONENTI O ASSIEMI SU CUI/PUÒ RIFERIRSI TRASMESSO A CLIENTI TERZI SENZA AUTORIZZAZIONE SCRITTA DI CARRARO S.P.A. QUESTO DISEGNO NON PUÒ ESSERE RIPRODOTTO, O IN ALCUN MODO COPIATO, UTILIZZATO PER LA PRODUZIONE DEI COMPONENTI O ASSIEMI SU CUI/PUÒ RIFERIRSI TRASMESSO A CLIENTI TERZI SENZA AUTORIZZAZIONE SCRITTA DI CARRARO S.P.A. THIS DRAWING IS THE PROPERTY OF CARRARO S.P.A. ANY REPRODUCTION, EVEN PARTIAL, OR COPY OF THE CONTENT OF DRAWING IS STRICTLY PROHIBITED AND MUST NOT BE ALLOWED TO THIRD PARTIES WITHOUT WRITTEN CONSENT OF CARRARO S.P.A. OR INTERMEDIARY. WILL BE LEGALLY PURSUED.

MATERIALE STD STD MATERIAL	DISEGNATO DRAWN: D'APOLITO-TEORESI
MATERIALE OPT OPT MATERIAL	APPROVATO APPROVED: RIGHETTI
TRATT. TERM. HEAT TREAT.	DATA DATE: 25/04/2015
TRATT SUPERF. SURF. TREAT.	REF. GENERALI GENERAL REFS.
PROGETTO ASSEMBLY:	CARRARO TIER 3B CAB MEC
DENOMINAZIONE DESCRIPTION:	1 - 4WD & D/L

CARATTERISTICHE FUNZIONALI FUNCTIONAL REFERENCES	CF

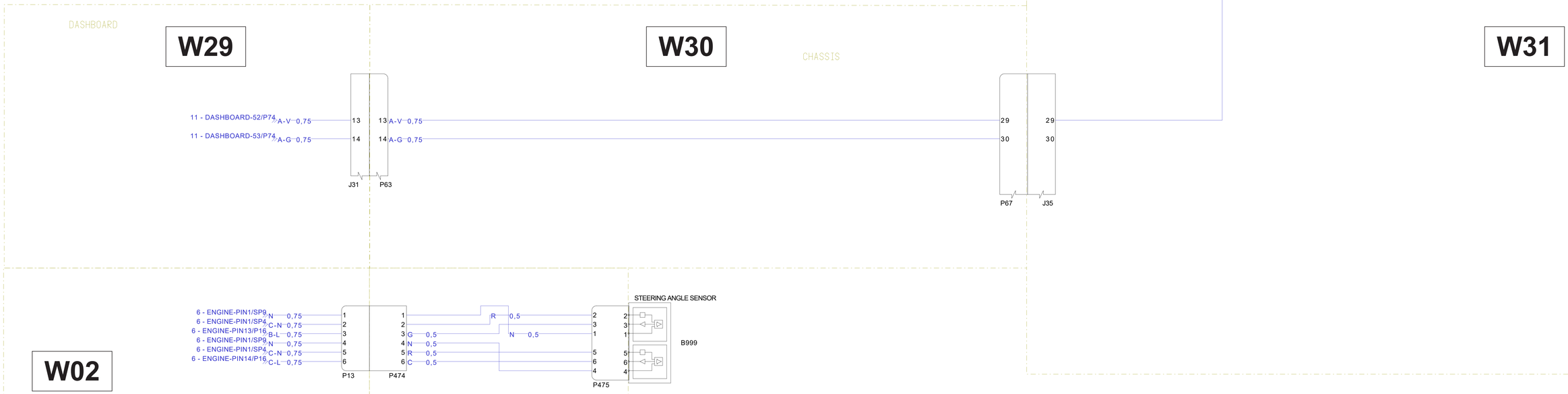
IN RIFERIMENTO DI INDICAZIONE DI CLASSE IL PARTICOLARE E' DA CONSIDERARSI IN CLASSE CF CC DI CARATTERISTICA IMPORTANTE
QUESTO DISEGNO CONTIENE N° ° RIFERIMENTI

IN THE CASE OF LACKING IN CLASS INDICATIONS THIS PARTICULAR HAS BE CONSIDERED IN CF CC CLASS ARE IMPORTANT CHARACTERISTIC
THIS DRAWING DOES INCLUDE THE FOLLOWING REF.

CARRARO AGRITALIA

CARRARO S.p.A. DIVISIONE AGRITALIA
VIALE DEL LAVORO 1
45100 ROVIGO, ITALY

MODELLO N. CASTING REF.:
A0
PESO WEIGHT:
SOST. A REPLACES:
SCALA SCALE:
DISEGNO N. PART N.:
TAV SHEET: 1 20



LEGENDA ETICHETTE - IDENTIFICATION

	ANELLO IDENTIFICATIVO
	ADESIVO
	ETICHETTA GRAFITA
	ANELLO
	ETICHETTA PLASTIFICATA
	VALVOLINA TAG

TOLLERANZE CABLAGGI-WIRING TOLLERANCES

PER LE DIMENSIONI NON INDICATE VALGONO LE SEGUENTI TOLLERANZE

IF NOT EXPRESSLY INDICAT ARE THE FOLLOWING STANDARD TOLLERANCE

RANGE LUNGHEZZA (mm)	TOLLERANZA (mm)
LENGTH RANGE (mm)	TOLLERANCE (mm)
0 ÷ 150	+5 / -10
151 ÷ 300	+5 / -15
301 ÷ 500	+5 / -20
501 ÷ 750	+5 / -25
751 ÷ 1000	+5 / -30
1001 ÷ 2000	+5 / -40
> 2000	+5 / -5 %

QUESTO DISEGNO E' PROPRIETA' ESCLUSIVA DELLA CARRARO S.p.A. E NON PUO' ESSERE RIPRODOTTO, COPIATO O COMUNICATO A TERZI SENZA AUTORIZZAZIONE SCRITTA DELLA CARRARO S.p.A.

THIS DRAWING IS PROPERTY OF CARRARO S.p.A. AND IT CANNOT BE REPRODUCED, COPIED OR COMMUNICATED TO THIRD PARTIES WITHOUT WRITTEN CONSENT OF CARRARO S.p.A. ANY INFRINGEMENT WILL BE LEGALLY PURSUED.

LEGENDA COLORE CAVO - COLOUR ABBREVIATION

A	GRIGIO
	LIGHT BLUE
B	BIANCO
	WHITE
C	ARANCIO
	ORANGE
G	VERDE
	YELLOW
H	GIALLO
	GREY BLUEL
L	BLU
	LIGHT BLUE
M	MARRONE
	BROWN
N	NERO
	BLACK
R	ROSSO
	RED
S	ROSA
	PINK
V	VIOLA
	VIOLET
Z	GRIGIO SCURO
	DARK GREY

	CAT. I (NON SU BLINDATI STANDARD) LOW/TORQUE
	CAT. I (NON SU BLINDATI STANDARD) LOW/TORQUE
	CAT. I (NON SU BLINDATI STANDARD) TRANSMISSIONE
	CAT. I (NON SU BLINDATI STANDARD) LOW/TORQUE

1	PRIMA EMISSIONE PER PROTOTIPI		
REV. REV.	DESCRIZIONE CHANGE		

MATERIALE STD STD MATERIAL		DISEGNATO DRAWN	D'APOLITO-TEORESI
MATERIALE DIFF DIFF MATERIAL		APPROVATO APPROVED	RIGHETTI
TRATT. TERM. HEAT TREAT.		DATA DATE	12/11/2015
TRATT SUPERF. SURF. TREAT.		REF. GENERALI GENERAL REFS.	
PROGETTO ASSEMBLY	CARRARO TIER 3B CAB MEC		
DENOMINAZIONE DESCRIPTION	2 - STEERING FUNCTION		

CARATTERISTICHE FUNZIONALI FUNCTIONAL REFERENCES	CF	- - -	

IN MANCANZA DI INDICAZIONE DI CLASSE IL PARTICOLARE E' DA CONSIDERARSI IN
CLASSE NON CRITICA - NO SPECIAL CHARACTERISTICS
QUESTO DISEGNO CONTIENE N° - REFERENCE/S

IN THE CASE OF LACKING IN CLASS INDICATIONS THIS PARTICULAR HAS BE CONSIDERED
IN CLASS NON CRITICAL - NO SPECIAL CHARACTERISTICS
THIS DRAWING DOES INCLUDE THE FOLLOWING REF.

CARRARO AGRITALIA

CARRARO S.p.A. DIVISIONE AGRITALIA
VIALE DEL LAVORO 1
45100 ROVIGO, ITALY

MODELLO N. CASTING REF.		PESO WEIGHT	(kg)
	A0		
SOST. N. REPLACES		SCALA SCALE	
DISEGNO N. PART N.		TAV. SHEET	2 20

DESIGNED N.
PART N.

DASHBOARD

W29

CHASSIS

W30

CARTER

W31

9 - POWER SUPPLY-F9a/P289/Fuse box >> S-N 1,5 — 14

9 - POWER SUPPLY-PIN1/SP555 >> G-V 1,5 — 18

J33

14 S-N 1,5 — 14

18 G-V 1,5 — 18

P66

SP61

G-V 1,5 >> 12 - CAN BUS-1/P648

0,75 G-V

G-V 1,5

4
17
18

P67

4
17
18

J35

1,5 G-V

1,5 S-N

1,5 S

SP62

G-V 1,5 >> 10 - PTO-4/P349

G-V 1,5

1,0 G-V >> 17 - DEPORT-2/P205

P312 1 — PIN1 — M — PIN2 — 2 P312

M008
Air seat

1,0 N >> 5 - POS, TURN, & STOP LIGHTS-PIN1/SP31

CAB connection

1
2 G 1,0 >> 11 - DASHBOARD-10/P63
3 S 1,5
4 G-N 1,0 >> 5 - POS, TURN, & STOP LIGHTS-PIN1/SP250

P92

S040
Beacon Switch

5 - POS, TURN, & STOP LIGHTS-PIN1/SP31 >> N 0,5 — 7 PIN7 — PIN8 — 8 G 0,5 >> 5 - POS, TURN, & STOP LIGHTS-PIN1/SP3

PIN3 — 3
2 — PIN2 — PIN1 — 1

P311 P311

LEGENDA ETICHETTE - IDENTIFICATION	
	LABELS IDENTIFICATION
	ASSY. DWG
	PART No. LABLEL
	LASER TAG
	ATTENTION DECALS
	TELEMATIC TAG

TOLLERANZE CABLAGGI-WIRING TOLLERANCES

PER MISURAZIONI NON SPECIFICATAMENTE A QUANTO TOLLERATO DIVERSO

FOR DIFFERENT MEASUR' OR NOT ALLOWABLE PLEASE TOLLERANCE

RANGE LUNGHEZZE (mm) RANGE LENGHT (mm)	TOLLERANZA (mm) TOLLERANCE (mm)
10 ÷ 100	±4 / ±16
101 ÷ 200	±5 / ±20
201 ÷ 300	±6 / ±24
301 ÷ 500	±8 / ±32
501 ÷ 1000	±11 / ±44
1001 ÷ 2000	±16 / ±64
> 2000	±21 / ±84

SPECIFICHE RICHIESTE PER CAVI SPECIALI
SPECIFIC REQUIREMENTS FOR SPECIAL WIRES

PER CAVI CON SEZIONE > 50 mm² LA TOLLERANZA È DA CONCORDARE CASO PER CASO
FOR WIRES WITH SECTION > 50 mm² TOLLERANCE TO BE AGREED CASE BY CASE

SPECIFICHE RICHIESTE PER CAVI SPECIALI
SPECIFIC REQUIREMENTS FOR SPECIAL WIRES

PER CAVI CON SEZIONE > 50 mm² LA TOLLERANZA È DA CONCORDARE CASO PER CASO
FOR WIRES WITH SECTION > 50 mm² TOLLERANCE TO BE AGREED CASE BY CASE

LEGENDA COLORE CAVO - COLOUR ABBREVIATION

A	AZZURRO LIGHT BLUE
B	BIANCO WHITE
C	ARANCIO ORANGE
G	GIALLO YELLOW
H	GRIGIO GRAY
L	BLU CHIARO LIGHT BLUE
M	MARRONE BROWN
N	NERO BLACK
R	ROSSO RED
S	GRIGIO GRAY
V	VERDE GREEN
Z	VIOLA VIOLET (PURPLE)

Esempio: G-V GIALLO-VERDE / LIGHT GREEN
G-V - CAVO DI GUAINA DI COLORE GIALLO-VERDE
G-V - WIRE OF SHEATH OF COLOUR YELLOW-GREEN

CARATTERISTICHE FUNZIONALI FUNCTIONAL REFERENCES	CF

IN RIFERIMENTO DI INDICAZIONE DI CLASSE E, PARTICOLARE CF SI CONSIDERANO IN CLASSE CF E DI CARATTERISTICA IMPORTANTE.
QUESTO DISEGNO CONTIENE N° - RIFERIMENTI.

IN THE CASE OF LAUGHING IN CLASS INDICATIONS THIS PARTICULAR HAS BE CONSIDERED IN CF CLASS AND IMPORTANT CHARACTERISTIC.
THIS DRAWING DOES INCLUDE THE FOLLOWING REF.

REV.	DESCRIZIONE CHANGE
1	PRIMA EMISSIONE PER PROTOTIPI

QUI E DISTRIBUITO QUESTO DISEGNO E LE INFORMAZIONI IN ESSO CONTENUTE SONO DI PROPRIETA' ESCLUSIVA DELLA DITTA CARRARO AGRITALIA S.p.A. E NON POSSONO ESSERE RIPRODOTTE, E/O SUO USO NEGOZIABILE ESCLUSO
HERE IS DISTRIBUTED THIS DRAWING AND THE INFORMATIONS CONTAINED IN IT ARE EXCLUSIVE PROPERTY OF THE COMPANY CARRARO AGRITALIA S.p.A. AND CANNOT BE REPRODUCED
AND / OR USED WITHOUT THE EXPRESS AUTHORIZATION OF THE COMPANY OF CARRARO AGRITALIA S.p.A. BE PROSECUTED. ALL RIGHTS RESERVED

MATERIALE ETO ETO MATERIAL	DISEGNATO DRAWN: D'APOLITO-TEORESI
MATERIALE DPT DPT MATERIAL	APPROVATO APPROVED: RIGHETTI
TRATT. TERM. HEAT TREAT.	DATA DATE: 25/04/2015
TRATT. SUPERF. SURF. TREAT.	RIF. GENERALI GENERAL REFS.
PROGETTO ASSEMBLY	CARRARO TIER 3B CAB MEC
DENOMINAZIONE DESCRIPTION	3 - BEACON LIGHT

CARRARO AGRITALIA

CARRARO S.p.A. DIVISIONE AGRITALIA
VIALE DEL LAVORO 1
45100 ROVIGO, ITALY

MODELLO N. CASTING REF.		FOGLIO SHEET	3 20
SOST. A REPLACES	A0	PESO WEIGHT	Unit
DISEGNO N. PART N.		SCALA SCALE	

W05

A101
Instrument Panel
3 H 0,5
23 V 0,5
P74

SP60
V-N 1,0
H-N 1,0
V 1,0
H 1,0
SP59
H 1,5
V 1,5

9 - POWER SUPPLY-PIN1/SP254 N 1,0
9 - POWER SUPPLY-PIN1/SP254 N 1,0
9 - POWER SUPPLY-PIN1/SP254 N 1,0
5 - POS, TURN, & STOP LIGHTS-3/P333/Light Switch Z 1,0
J40 P78

V-N 1,0
H-N 1,0
SP1526
N 1,0
N 1,0
A B P608 LHS HI BEAM E030
A B P609 LHS LO BEAM E030
SP1525
N 1,0
N 1,0
A B P610 RHS HI BEAM E033
A B P611 RHS LO BEAM E033
H 1,0
Free Wheel Diode
Claxon
0,0
0,0
1 2
P362 P363
H041

BONNET

9 - POWER SUPPLY-PIN1/SP254 N 0,5
5 - POS, TURN, & STOP LIGHTS-5/P333/Light Switch H-R 0,75
9 - POWER SUPPLY-PIN1/SP254 N 0,5
5 - POS, TURN, & STOP LIGHTS-6/P333/Light Switch V-S 0,75
9 - POWER SUPPLY-PIN1/SP254 N 0,5
9 - POWER SUPPLY-PIN1/SP254 N 0,5
9 - POWER SUPPLY-PIN1/SP254 N 0,75
9 - POWER SUPPLY-PIN1/SP254 N 0,75
9 - POWER SUPPLY-1/P445/clutch end stroke switch R-L 0,75
S-H 0,75

K1 1_85 1_86 11_30 11_87 11_87a H-L 1,5 → 9 - POWER SUPPLY-F13a/P289/Fuse box
K2 2_85 2_86 22_30 22_87 22_87a V-B 1,5 → 9 - POWER SUPPLY-F14a/P289/Fuse box
K3 3_85 3_86 3_30 3_87 3_87a
K4 4_85 4_86 4_30 4_87 4_87a H-G 1,5
K5 5_85 5_86 5_30 5_87 5_87a V-G 1,0 → 13 - THROTTLES-21/J31
K6 6_85 6_86 6_30 6_87 6_87a C 0,75 → 11 - DASHBOARD-48/P74
K7 7_85 7_86 7_30 7_87 7_87a C-B 0,75 → 9 - POWER SUPPLY-2/P339/Starter relay
S-N 1,0 → 9 - POWER SUPPLY-F9a/P289/Fuse box
1,5 V-N
1,5 H-N
1,5 H-G
SP1527
P313 Relay box P313

H-G 1,0
H-G 1,0
V-G 1,0
J33 P66

5 - POS, TURN, & STOP LIGHTS-PIN1/SP250 G-N 1,0
1,0 V-G
1,0 N
P80 X2
1 PIN1
2 PIN2
3 PIN3
4 PIN4
V-G 1,0
0,0
0,0
0,0
X1 PIN1 PIN2 PIN3 PIN4 A B C D LHS H4 light E999

W16LH

AG380631

5 - POS, TURN, & STOP LIGHTS-PIN1/SP252 G 0,5
5 - POS, TURN, & STOP LIGHTS-PIN1/SP252 G 0,75
8 PIN8 PIN7 7 N 0,5 → 9 - POWER SUPPLY-PIN1/SP254
PIN3
3 N-Z 0,75
2 PIN2 PIN1 1
P298 H4 lights switch P298
S015
N-Z 0,75 → 9 - POWER SUPPLY-PIN1/SP254

H-G 1,0
P79 X2
1 PIN1
2 PIN2
3 PIN3
4 PIN4
0,0
0,0
0,0
X1 PIN1 PIN2 PIN3 PIN4 A B C D RHS H4 light E998
5 - POS, TURN, & STOP LIGHTS-PIN1/SP248 G 1,0
0,0

W16RH

AG380631

ChassisGND

9 - POWER SUPPLY-PIN1/SP254 N 0,5
P612
7 1 3 9
7 1 3 9
8 2 10
P612
H3 lights switch
S289
5 - POS, TURN, & STOP LIGHTS-PIN1/SP252 G 0,5
5 - POS, TURN, & STOP LIGHTS-PIN1/SP252 G 0,75

W29

W30

J110
1
2 N 1,0
3 H-G 1,0
4
W16LH
W16RH
P617
1 A A1 N1 A2 N2 A3 N3
2 N
H3 work light
H3 work light

E995
E996

Bretella fari lavoro H3 AG467473

LEGENDA ETICHETTE - IDENTIFICATION
A ANELLI IDENTIFICATIVI
B ETICHETTA PRODOTTO
C ETICHETTA GRAFFIO
D NOME TAG
E ETICHETTA COLLARO
F VALVOLINA TAG

TOLLERANZE CABLAGGI-WIRING TOLLERANCES
IL CABLAGGIO DEVE ESSERE CONFORME ALLA NORMA ISO 6722 CLASSE B
IT MUST CONFORM TO WIRING HARNESS ISO 6722 CLASS B STANDARD TOLERANCE

RANGE LUNGHEZZA (mm) RANGE LENGTH (mm)	TOLLERANZA (mm) TOLERANCE (mm)
50 ÷ 150	± 5
151 ÷ 250	± 7
251 ÷ 315	± 8
316 ÷ 400	± 9
401 ÷ 500	± 10
501 ÷ 630	± 11
631 ÷ 800	± 12
> 800	± 1,5%

LEGENDA COLORE CAVO - COLOUR ABBREVIATION

A	ARANCIO
	LIGHT BLUE
B	BIANCO
	WHITE
C	ARANCIO
	ORANGE
G	GIALLO
	YELLOW
H	GRIGIO
	GREY
L	BLU
	DARK BLUE
M	MARRONE
	BROWN
N	NERO
	BLACK
R	ROSSO
	RED
S	VIOLA
	PINK
V	VERDE
	GREEN
Z	VIOLA
	VIOLET PURPLE

SCHERMATURA - SHIELDING
AR - ACCIAIO RIVESTITO-STEEL COATED
AI - ACCIAIO INOX-STAINLESS STEEL
AB - ACCIAIO BRUNITO-TINNED

1	PRIMA EMISSIONE PER PROTOTIPI				
REV. REV.	DESCRIZIONE CHANGE				

TUTTI I DIRITTI SONO RISERVATI AI TRATTATI DI CUI ALL'ARTICOLO 10 DELLA CONVENZIONE DI BERNA (LEGGE 20 GIUGNO 1978, N. 399) E DI QUELLI DERIVANTI DALLA LEGGE SUL DIRITTO D'AUTORE. LA RIPRODUZIONE DEL PRESENTE DISEGNO È VIETATA SENZA LA NOSTRA AUTORIZZAZIONE SCRITTA. ESSO NON PUO' ESSERE IMPRESTATO, COPIATO O COMUNICATO A TERZI SENZA IL NOSTRO PRECEDENTE CONSENSO SCRITTO. OGNI CONTRAVVENZIONE SARÀ PERSEGUITA A NORMA DI LEGGE. ALL RIGHTS RESERVED. THIS DRAWING IS THE EXCLUSIVE PROPERTY OF CARRARO S.P.A. AND SHALL NOT BE COPIED OR LOANED TO OTHER PARTIES WITHOUT WRITTEN CONSENT OF CARRARO S.P.A. OR AUTHORIZATION. WILL BE LEGALLY PURSUED.

MATERIALE STD STD MATERIAL		DISEGNATO DRAWN	D'APOLITO-TEORESI
MATERIALE DPT DPT MATERIAL		APPROVATO APPROVED	RIGHETTI
TRATT. TERM. HEAT TREAT.		DATA DATE	25/04/2015
TRATT SUPERF. SURF TREAT.		RIF. GENERALI GENERAL REFS.	
PROGETTO ASSEMBLY	CARRARO TIER 3B CAB MEC		
DENOMINAZIONE DESCRIPTION	4 - BONNET & H4 LIGHTS		

CARATTERISTICHE FUNZIONALI FUNCTIONAL REFERENCES — CF ***

IN RIFERIMENTO DI INDICAZIONE DI CLASSE IL PARTICOLARE E' DA CONSIDERARSI IN CLASSE CFF DI CARATTERISTICA IMPORTANTE
QUESTO DISEGNO CONTIENE N° * INFORMAZIONI.

IN THE CASE OF LACKING IN CLASS INDICATIONS THIS PARTICULAR HAS BE CONSIDERED IN CFF CLASS AND IMPORTANT CHARACTERISTIC.
THIS DRAWING DOES INCLUDE THE FOLLOWING INFO.

CARRARO AGRITALIA

CARRARO S.p.A. DIVISIONE AGRITALIA
VIALE DEL LAVORO 1
45100 ROVIGO, ITALY

MODELLO N. CASTING REF.		FOGLIO SHEET	A3	DI/OF
SOST. N. REPLACES				SCALA SCALE
DISEGNO N. PART N.				TAV. SHEET 4 20

W29

DASHBOARD

W30

CHASSIS

W31

CARTER

LHS rear light

E024

P332

Trailer socket

PIN1 PIN2 PIN3 PIN4 PIN5 PIN6 PIN7

P331

12 - CAN BUS-2/P648 N 1,5

ChassisGND

N 2,5

13 - THROTTLES-PIN1/SP298 N 0,75

4 - BONNET & H4 LIGHTS-4/P79 G 1,0

SP248

Flasher Unit

P326

0,75 L-V

0,5 S

SP252

G 0,75 4 - BONNET & H4 LIGHTS-2/P298/H4 lights switch

G 1,0

G 0,5 11 - DASHBOARD-3/P321/Button SET

G 0,5 11 - DASHBOARD-3/P322/Button MENU'

G 1,0 9 - POWER SUPPLY-F15a/P289/Fuse box

G 0,75 4 - BONNET & H4 LIGHTS-2/P612/DEV522

G 0,5 4 - BONNET & H4 LIGHTS-8/P612/DEV522

G 0,5 4 - BONNET & H4 LIGHTS-8/P298/H4 lights switch

1,5 M-B

1,0 N

0,5 G

9 - POWER SUPPLY-PIN1/SP254

1,0 G-N

1,0 R

1,0 A-N

1,0 A

1,0 N

SP253

SP251

A-N 1,0

A 1,0

G 1,0

SP249

1,0 G

1,0 A

9 - POWER SUPPLY-PIN1/SP28

1,0 L-G

0,75 H-R

0,75 V-S

1,0 Z

4 - BONNET & H4 LIGHTS-J/J40

P333 P364

Light Switch

C093

1,0 C

1,0 Z-N

B-N 1,0

9 - POWER SUPPLY-PIN1/SP_ACC

9 - POWER SUPPLY-F16a/P289/Fuse box G-N 1,0

A-N 1,0

11 - DASHBOARD-PIN1/SP42 R 1,0

11 - DASHBOARD-PIN1/SP42 R 1,0

1,5 B-N

J33 P66

A101

Instrument Panel

P74

A-N 0,75

0,75 A

SP39

A 1,0

SP40

SP38

9 - POWER SUPPLY-F11a/P289/Fuse box Z-N 1,0

9 - POWER SUPPLY-PIN1/SP254 N 0,5

A-N 1,0

A 1,0

9 - POWER SUPPLY-F12a/P289/Fuse box M-R 1,5

Z-N 1,5

P327 Hazard Switch S062 P327

3 - BEACON LIGHT-4/P92 G-N 1,0

SP250

1,0 G-N

4 - BONNET & H4 LIGHTS-4/P80

P67 J35

3 - BEACON LIGHT-8/P311/Beacon Switch G 0,5

1 - 4WD & D/L-8/P304/D/L switch G 0,5

G 0,75

13 - THROTTLES-3/P352/CC - MEM1 G 0,5

8 - POWER SOCKET-1/P424 G 0,75

SP3

G 0,5 1 - 4WD & D/L-8/P302/4wd switch

G 0,5 13 - THROTTLES-3/P353/CC - DW

G 0,5 13 - THROTTLES-3/P495/CC - MEM2

G 0,5 13 - THROTTLES-3/P354/CC- UP

G 0,5 2 - STEERING FUNCTION-3/P419/4WD STEERING FUNCTION

P330

G 0,75

A 1,0

R 1,0

N 1,0

RHS rear light

E026

N 1,0

17 - DEPORT-1/P205 N 1,0

13 - THROTTLES-2/P353/CC - DW N 0,5

13 - THROTTLES-2/P352/CC - MEM1 N 0,5

1 - 4WD & D/L-7/P304/D/L switch N 0,5

1 - 4WD & D/L-3/P304/D/L switch N 0,5

3 - BEACON LIGHT-7/P311/Beacon Switch N 0,5

3 - BEACON LIGHT-2/P312/Air seat N 1,0

12 - CAN BUS-3/P108 N 0,75

Splice GND carter lever

SP31

N 0,5 13 - THROTTLES-2/P354/CC- UP

N 0,5 1 - 4WD & D/L-7/P302/4wd switch

N 0,5 1 - 4WD & D/L-3/P302/4wd switch

N 0,5 10 - PTO-5/P349

N 1,0 8 - POWER SOCKET-2/P423

N 2,5 8 - POWER SOCKET-1/P418/3 pole socket

N 0,75 12 - CAN BUS-A/J62

N 0,5 13 - THROTTLES-2/P495/CC - MEM2

N 0,5 2 - STEERING FUNCTION-2/P419/4WD STEERING FUNCTION

P328 E027

RHS front light

P329 E025

LHS front light

1,0 G-N

LEGENDA ETICHETTE - IDENTIFICATION

	ANELLI IDENTIFICATIVI
	MASS GND
	POSITIVE (BRIDGE)
	STATIC ELECTRICITY
	LOCATED CYLLINDER
	VALIDATION TAG

TOLLERANCE CABLAGGIO-WIRING TOLLERANCES

WIRE LENGHT (mm)	TOLLERANCE (mm)
50 | 299	-50 | +50
300 | 599	-75 | +75
600 | 999	-100 | +100
1000 | 1999	-150 | +150
2000 | 2999	-200 | +200
3000 | 4999	-250 | +250
OVER	-5% | +5%

LEGENDA COLORE CAVO - COLOUR ABBREVIATION

A	ARANCIO
	LIGHT BLUE
B	BIANCO
C	CELESTE
D	MARRONE
G	GRIGIO
H	GIALLO
	VIOLA
L	BLU
	DARK BLUE
M	MARRONE
N	NERO
R	ROSSO
S	ROSA
T	TURCHESE
V	VERDE
Z	VERDE
	LIGHT GREEN

A.W. SIGNIFICANO MASSA E LAMPADA/BULB

A.W. = ANY WIRE IN BLACK INSULATION WITHOUT A TRACER

A.W. = ANY WIRE IN WHITE INSULATION WITHOUT A TRACER

REV. REV.	DESCRIZIONE CHANGE
1	PRIMA EMISSIONE PER PROTOTIPI

TUTTI I DISEGNI SONO E RIMANGONO DI PROPRIETA' DI CARRARO S.P.A. SENZA IL CONSENSO SCRITTO DI CARRARO S.P.A. QUESTO DISEGNO NON PUO' ESSERE RIPRODOTTO, E NE ALCUN MODO DISEGNI UTILIZZATO PER LA FABBRICAZIONE DI COMPONENTI O ASSIEMI AL DI FUORI DELLE NORME TECNICHE E ACCORDI SCRITTI APPROVATI DA CARRARO S.P.A. ALL'ATTO DELL'ORDINE. ALL'ATTO DELLA RICHIESTA DI UN PREVENTIVO, QUESTO DISEGNO DEVE ESSERE RESTITUITO A CARRARO S.P.A. SENZA ALCUNA COPIA

W29

W02

V031 — Glow plug ECU — P11

B381 — Water in fuel switch — P6

Sez1 (inlet connector) — P13

B001 — AT (air Temperature Sensor) — P9 / P9

EG2 (exaust gas Temperature sensor) — P7 / B358 / P7

EG1 (exaust gas Temperature sensor) — P8 / B357 / P8

R035 — Fuel Level Sensor — P1 / P1

SP4 — SP92 — SP_GND_ENGINE SP9 — SP6 — SP90 — SP87

P12 — Lambda sond — B539

P2 — IP (Delta pressure sensor) — B453

J17 — P16

P14 — Sez 2 signal connector

P19 — A015 — P15

SP5

P4 — R016 — Fuel filter heating

SP10 — SP7 — SP8

Fuse and relay PCB — P18

P17 — Fuse and relay PCB power supply

Z069 — Air Filter Sensor — P10 — P5

1	PRIMA EMISSIONE PER PROTOTIPI
REV.	DESCRIZIONE CHANGE

MATERIALE STD STD MATERIAL	DISEGNATO DRAWN: D'APOLITO-TEORESI
MATERIALE OPT OPT MATERIAL	APPROVATO APPROVED: RIGHETTI
TRATT. TERM HEAT TREAT.	DATA DATE: 25/04/2015
TRATT SUPERF SURF TREAT.	RIF. GENERALI GENERAL REFS.

PROGETTO PROJECT: CARRARO TIER 3B CAB MEC

DENOMINAZIONE DESCRIPTION: 6 - ENGINE

CARATTERISTICHE FUNZIONALI FUNCTIONAL REFERENCES — CF ***

IN INDICAZIONE DI INDICAZIONE DI CLASSE E, PARTICOLARE 0° DA CONSIDERARSI IN CLASSE (ITO DI CARATTERISTICA IMPORTANTE) QUESTO DISEGNO CONTIENE N° * RIFERIMENTI

IN THE CASE OF LAGGING IN CLASS INDICATIONS THIS PARTICULAR WAS BE CONSIDERED IN ITS CLASS AND IMPORTANT CHARACTERISTIC THIS DRAWING DOES INCLUDE THE FOLLOWING REF:

CARRARO AGRITALIA

CARRARO S.p.A. DIVISIONE AGRITALIA
VIALE DEL LAVORO 1
45100 ROVIGO, ITALY

MODELLO N. CASTING REF.: A0 — PESO WEIGHT: — CUV

SOST. A REPLACES — SCALA SCALE

DISEGNO N. PART N. — TAV SHEET: 9 di 20

LEGENDA ETICHETTE - IDENTIFICATION

A	AREA IDENTIFICATIVA
B	MODI FIMA
C	ETICHETTA GRAFFIA
D	ETICHETTA ADESIVA
E	ETICHETTA COLLANTE
F	PIASTRETTA TPU

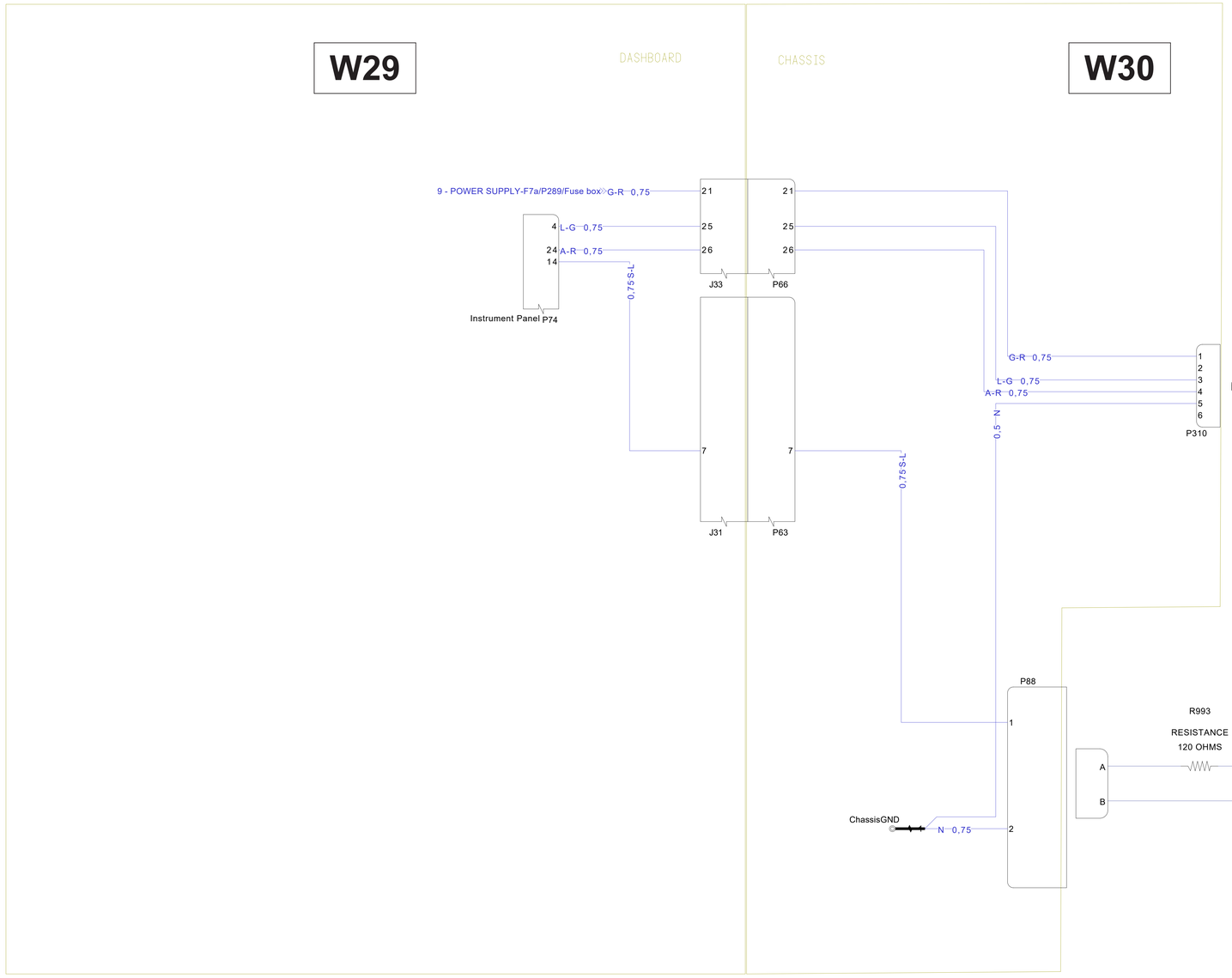
TOLLERANZE CABLAGGI-WIRING TOLLERANCES

FASCIO LUNGHEZZA (mm) HARNESS LENGHT (mm)	TOLLERANZA (mm) TOLLERANCE (mm)
0 ÷ 150	±5 / ±10
151 ÷ 300	±7 / ±10
301 ÷ 500	±10 / ±20
501 ÷ 1000	±15 / ±30
1001 ÷ 2000	±20 / ±40
> 2000	±1% / ±2%

LEGENDA COLORE CAVO - COLOUR ABBREVIATION

A	ARANCIO
AL	LIGHT BLUE
B	BIANCO
BK	BLACK
C	CELESTE
G	GRIGIO
H	GRAY
L	BLU
M	MARRONE
N	NERO
R	ROSSO
S	ROSA
V	VIOLA
Z	GIALLO

Assemblaggio: A.S. - ASSEMBLAGGIO SERVIZI E LUBRIFICAZIONE
A.M. - ASSE ALLA MACCHINA INTERVENTO ATTIVABILE
A.P. - ASSE ALLA MACCHINA PRESENTE NON ATTIVABILE
A.N. - ASSE ALLA MACCHINA NON PRESENTE



LEGENDA ETICHETTE - IDENTIFICATION	
	MIELLE/IDENTIFICATIVO
ADH	ADESIVO
	ETICHETTA GRAFICA
	MINI TAG
	ETICHETTA PLASTIFICATA
	CALCOMANIA

TOLLERANZE CABLAGGI-WIRING TOLLERANCES

PER LE DIMENSIONI NON INDICATE VALGONO LE SEGUENTI TOLLERANZE/FOR DIMENSIONS NOT INDICATED THE FOLLOWING TOLERANCE

RANGE LUNGHEZZA (mm) / LENGTH RANGE (mm)	TOLLERANZA (mm) / TOLERANCE (mm)
50 ÷ 150	+5 / -10
151 ÷ 250	+10 / -15
251 ÷ 400	+15 / -20
401 ÷ 630	+20 / -25
631 ÷ 1000	+25 / -30
1001 ÷ 2000	+30 / -40
> 2000	+40 / -50

SEZIONE/SECTION MM² - AWG

LEGENDA COLORE CAVO - COLOUR ABBREVIATION	
A	AZZURRO LIGHT BLUE
B	BIANCO WHITE
C	ARANCIO ORANGE
G	GRIGIO GRAY
H	GIALLO YELLOW
H	VERT.GIALLO GR.Y
L	BLU DARK BLUE
M	MARRONE BROWN
N	NERO BLACK
R	ROSSO RED
S	ROSA PINK
V	VIOLA VIOLET
Z	VERDE GREEN
	VIA DI SPURGO/SHIELD CONDITIONALE
	A.R. - ANTI BLACK-OUT/ANTI-LOCK CONTROLLO
	A.B. - AEROMMOBILISTA/ANTI-SKID
	A.L. - ANTI BLACK-OUT/ANTI-LOCK

1	PRIMA EMISSIONE PER PROTOTIPI
REV. REV.	DESCRIZIONE CHANGE

TUTTI I DIRITTI SONO RISERVATI A PROPRIETÀ DI CARRARO S.P.A. SENZA IL CONSENSO SCRITTO DI CARRARO S.P.A. QUESTO DISEGNO NON PUO' ESSERE RIPRODOTTO, E' IN ALCUN MODO OSSERVI UTILIZZATO.
TUTTE LE PRESCRIZIONI RIGUARDANTI LA NORMA DI PROTEZIONE DELLA PROPRIETÀ INTELLETTUALE, TRASMESSE E ALTRE PRESCRIZIONI SIMILI, DEVONO ESSERE OSSERVATE.
ALL PROPRIETARY RIGHTS RESERVED BY CARRARO S.P.A. THIS DRAWING SHALL NOT BE REPRODUCED OR BE MAY NOT UTILIZED FOR THE EXECUTION OF THE COMPONENT OR ASSEMBLY GIVEN ILLUSTRATED AND MUST NOT BE RELEASED TO OTHER PARTIES WITHOUT WRITTEN CONSENT OF CARRARO S.P.A. OR INTERESSANTI PRO. DE CARRARO S.P.A.

MATERIALE STD STD MATERIAL	DISEGNATO DRAWN: D'APOLITO-TEORESI
MATERIALE DIFF DIFF MATERIAL	APPROVATO APPROVED: RIGHETTI
TRATT. TERM. HEAT TREAT.	DATA DATE: 25/04/2015
TRATT SUPERF. SURF. TREAT.	REF. GENERALI GENERAL REFS.

PRODOTTO / ASSEMBLY: CARRARO TIER 3B CAB MEC

DENOMINAZIONE / DESIGNATION: 7 - 24+24 HYD Hi-Lo

CARATTERISTICHE FUNZIONALI FUNCTIONAL REFERENCES	CF
	- - -

IN MANCANZA DI INDICAZIONE DI CLASSE IL PARTICOLARE E' DA CONSIDERARSI IN
IN THE CASE OF LACKING IN CLASS INDICATIONS THIS PARTICULAR HAS BE CONSIDERED
QUESTO DISEGNO CONTIENE N° - INFORMAZIONI
THIS DRAWING DOES INCLUDE THE FOLLOWING REF.

CARRARO AGRITALIA

CARRARO S.p.A. DIVISIONE AGRITALIA
VIALE DEL LAVORO 1
45100 ROVIGO, ITALY

MODELLO N. CASTING REF.		PESO WEIGHT	(KG)
SOST. N. REPLACES	A0	SCALA SCALE	
DISEGNO N. PART N.		TAV. SHEET	7 20

DRAWING N.
PART N.

DASHBOARD

W29

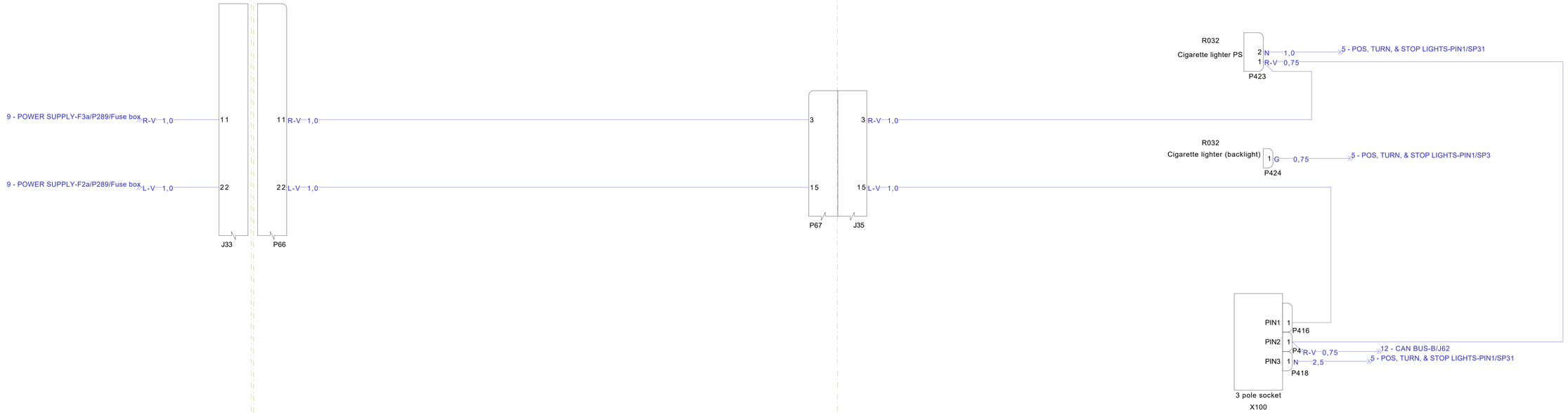
CHASSIS

W30

CARTER

W31

W31



LEGENDA ETICHETTE - IDENTIFICATION

	ANELLO IDENTIFICATIVO
ADH	ADESIVO
	ETICHETTA GRAFICA
	MANI 360
	ETICHETTA PROTEZIONE
	VALVOLINA TAG

TOLLERANZE CABLAGGI-WIRING TOLLERANCES

SALVO DIVERSA INDICAZIONE SUI DISEGNI VALGONO LE SEGUENTI TOLLERANZE

IF NOT DIFFERENTLY REQUIST ON THE FOLLOWING DRAWING TOLLERANCE

RANGE LUNGHEZZA (mm) LENGTH RANGE (mm)	TOLLERANZA (mm) TOLLERANCE (mm)
50 ÷ 150	+5 / -10
151 ÷ 250	+10 / -20
251 ÷ 400	+15 / -30
401 ÷ 630	+15 / -40
631 ÷ 1000	+20 / -50
1001 ÷ 2000	+25 / -60
> 2000	+30 / -70

SEZIONE MINIMA CONDUTTORE - MINIMUM CONDUCTOR SECTION

SEZIONE MINIMA CONDUTTORE - MINIMUM CONDUCTOR SECTION

LEGENDA COLORE CAVO - COLOUR ABBREVIATION

A	AZZURRO LIGHT BLUE
B	BIANCO WHITE
C	ARANCIO ORANGE
G	GRIGIO GRAY
G	GIALLO YELLOW
H	GRIGIO GREY (BLUISH)
L	BLU DARK BLUE
M	MARRONE BROWN
N	NERO BLACK
R	ROSSO RED
S	ROSA PINK
V	VERDE GREEN
Z	VIOLA VIOLET (PURPLE)

CONNESSIONE CAVO SCHERMATO / SHIELDED CABLE CONNECTION

A.R. = ANTI RUMORE - ANTI NOISE

A.M. = ACCIAIO MASSA - TRANSMISSION

A.S. = ANTI SCARICO - EXHAUST

1	PRIMA EMISSIONE PER PROTOTIPI		
REV. REV.	DESCRIZIONE CHANGE		

TUTTI I DIRITTI SONO RISERVATI A PROPRIETÀ DI CARRARO S.P.A. SENZA IL CONSENSO SCRITTO DI CARRARO S.P.A. QUESTO DISEGNO NON PUO' ESSERE RIPRODOTTO, E IN ALCUN MODO CEDUTO, UTILIZZATO PER LA FABBRICAZIONE DEI MATERIALI E PARTI DI CARRARO S.P.A. SENZA IL PRECEDENTE CONSENSO SCRITTO DI CARRARO S.P.A.
ALL RIGHTS RESERVED BY CARRARO S.P.A. THIS DRAWING WILL NOT BE REPRODUCED OR IN ANY WAY UTILIZED FOR THE BENEFACTION OF THE COMPONENT OR ASSEMBLY DESIGN ILLUSTRATED AND MUST NOT BE ALLOWED TO LEAVE PLACE WITHOUT WRITTEN CONSENT OF CARRARO S.P.A. OR AFFIDAVIT ONLY, BY LEGAL PURPOSES.

MATERIALE STD STD MATERIAL	DISEGNATO DRAWN	D'APOLITO-TEORESI
MATERIALE DIFF DIFF MATERIAL	APPROVATO APPROVED	RIGHETTI
TRATT. TERM. HEAT TREAT.	DATA DATE	25/04/2015
TRATT SUPERF. SURF. TREAT.	REF. GENERALI GENERAL REFS.	
PROGETTO ASSEMBLY	CARRARO TIER 3B CAB MEC	
DENOMINAZIONE DESIGNATION	8 - POWER SOCKET	

CARATTERISTICHE FUNZIONALI FUNCTIONAL REFERENCES	CF	- - -

IN MANCANZA DI INDICAZIONE DI CLASSE E, PARTICOLARE E' DA CONSIDERARSI IN
CLASSE DI APPARTENENZA DEL PRESENTE DISEGNO
QUESTO DISEGNO CONTIENE N° - REFERENCES

IN THE CASE OF LACKING IN CLASS INDICATIONS THIS PARTICULAR HAS BE CONSIDERED
IN CLASS OF THE PRESENT DRAWING
THIS DRAWING DOES INCLUDE THE FOLLOWING REF.

CARRARO AGRITALIA

CARRARO S.p.A. DIVISIONE AGRITALIA
VIALE DELL LAVORO 1
45100 ROVIGO, ITALY

MODELLO N. CASTING REF.		PESO WEIGHT	(KG)
	A0		
SOST. N. REPLACES		SCALA SCALE	
DISEGNO N. PART N.		TAV. SHEET	8 20

DASHBOARD

9 - POWER SUPPLY-1/P339/Starter relay N 0,75
4 - BONNET & H4 LIGHTS-6_85/P313/Relay box N 0,75
4 - BONNET & H4 LIGHTS-C/J40 N 1,0
5 - POS, TURN, & STOP LIGHTS-10/P327/Hazard Switch N 0,5
11 - DASHBOARD-2/P321/Button SET N 0,5
11 - DASHBOARD-40/P74 N 0,5
10 - PTO-3/P431 N 0,75
14 - VFR MR-4/P314/DEV520 N 1,5
4 - BONNET & H4 LIGHTS-7/P612/DEV522 N 0,5
4 - BONNET & H4 LIGHTS-7_85/P313/Relay box N 0,5
N 0,75
Splice GND DASH
SP254
N 0,5 → 4 - BONNET & H4 LIGHTS-7/P298/H4 lights switch
N 1,0 → 4 - BONNET & H4 LIGHTS-F/J40
N 0,5 → 4 - BONNET & H4 LIGHTS-2_85/P313/Relay box
N 0,5 → 4 - BONNET & H4 LIGHTS-1_85/P313/Relay box
N 0,5 → 4 - BONNET & H4 LIGHTS-G/J40
N 1,0 → 11 - DASHBOARD-2/P322/Button MENU'
N 1,0 → 5 - POS, TURN, & STOP LIGHTS-1/P326/Flasher Unit
N 0,75 → 11 - DASHBOARD-PIN1/SP297
N 0,5 → 4 - BONNET & H4 LIGHTS-5_85/P313/Relay box
N 0,5 → 4 - BONNET & H4 LIGHTS-4_85/P313/Relay box
N 1,0

AUX Fuel tank supply P481
2
1
1,5 G-V

J647 PLUG TO P646
P646 IFAS SUPPLY PREDISPOSITION
1 R 1,5

ENGINE

W45

Main harness fuse (50 A)
P291 P291
10,0 R
SP1
6,0 R

Glow plugs fuse (60A)
P292 P292
SP30
10,0 R
6,0
B 6,0

Engine ECU fuse (70A)
P293 P293
10,0 M
SP2
6,0 G

16,0 R

J12 P23
1 R 6,0 → 6 - ENGINE-PIN1/SP9
2 R 6,0
3 B 6,0 → 6 - ENGINE-4/P11/Glow plug ECU
4 G 6,0 → 6 - ENGINE-PIN1/SP87
5 G 6,0 → 6 - ENGINE-PIN1/SP87
6 N 6,0 → 6 - ENGINE-PIN1/SP9
7 N 6,0 → 6 - ENGINE-PIN1/SP9
N 6,0

P16 J17
PIN1 1 R 6,0
PIN7 7 N 6,0
PIN10 10
PIN11 11 G 1,0 → 11 - DASHBOARD-10/J31
PIN15 15 R 6,0
1,0 G

W02

6,0 L

C 4,0
SP_ACC
4,0 R
1,0 C

Fuse box
P289 P289

F1b	F1a	B-R 0,75	→ 6 - ENGINE-16/J17	
F2b	F2a	L-V 1,0	→ 8 - POWER SOCKET-22/J33	
F3b	F3a	R-V 1,0	→ 8 - POWER SOCKET-11/J33	
F4b	F4a	A-B 0,75	→ 13 - THROTTLES-12/J33	
F5b	F5a	G-V 1,5	G-V 1,5 SP555 → 3 - BEACON LIGHT-18/J33	
F6b	F6a	C-N 0,75	→ 14 - VFR MR-PIN1/SP65	
F7b	F7a	G-R 0,75	→ 11 - DASHBOARD-2/P74	
F8b	F8a	G-R 0,75	→ 7 - 24+24 HYD Hi-Lo-21/J33	
F9b	F9a	Z-R 0,75	→ 11 - DASHBOARD-PIN1/SP598	
F10b	F10a	S-N 1,5	Z-R 0,75 → 11 - DASHBOARD-21/P74	
F11b	F11a	L 1,5	S-N 1,5 → 3 - BEACON LIGHT-14/J33	
F12b	F12a	Z-N 1,0	S-N 1,0 → 4 - BONNET & H4 LIGHTS-7_30/P313/Relay box	
F13b	F13a	M-R 1,5	→ 11 - DASHBOARD-1/P685	
F14b	F14a	H-L 1,5	→ 5 - POS, TURN, & STOP LIGHTS-PIN1/SP38	
F15b	F15a	V-B 1,5	→ 5 - POS, TURN, & STOP LIGHTS-3/P327/Hazard Switch	
F16b	F16a	G 1,0	→ 4 - BONNET & H4 LIGHTS-1_30/P313/Relay box	
		G-N 1,0	→ 4 - BONNET & H4 LIGHTS-2_30/P313/Relay box	
			→ 5 - POS, TURN, & STOP LIGHTS-PIN1/SP252	
			→ 5 - POS, TURN, & STOP LIGHTS-2/J33	

SP+30
R 1,0
R 1,5
R 1,5
C 1,5
C 1,5
L-G 1,0
L-G 1,0
G 1,0 SP28 → 5 - POS, TURN, & STOP LIGHTS-4/P333/Light Switch
5 - POS, TURN, & STOP LIGHTS-1/P333/Light Switch

P340
P 0 1 2
15 15/54 30
30/1 30
30/1 30
3 7

Ignition key switch
S064

W29

SP+15
M 6,0

Z115
clutch end stroke switch
4 - BONNET & H4 LIGHTS-6_86/P313/Relay box R-L 0,75
P445 P451
R-L 0,75 → 10 - PTO-19/J33

9 - POWER SUPPLY-PIN1/SP254 N 0,75
P339 Starter relay P339
K01
C-B 0,75 → 4 - BONNET & H4 LIGHTS-6_87/P313/Relay box

W22

ChassisGND
P3 N 70,0 PIN1 P2
NEG PIN1 P447
Battery G001
POS PIN1 P290
R 70,0

PIN1 P444
P414 PIN1 R 6,0 → 16 - PROL. ESCV-2/P237/30A FUSE
PIN1 P568
70,0 R
S900
BATTERY CUT-OFF SWITCH
PIN1 P473

G002
Alternator
PIN1 P22 D+
B+ PIN1 P27
0,75 B-A
6 - ENGINE-PIN2/P16

PIN1 P24
P465
PIN1 P26
M021

W45_1

R 10,0
6 - ENGINE-PIN1/SP9 N 1,0
D1 A K
Diode 600V 2A

G 1,0

Y032
AC compressor clutch
1 P N
P25

0,0
GND_COMPRESSOR METALLIC CASE

LEGENDA ETICHETTE - IDENTIFICATION

	LABELS IDENTIFICATION
	ASSY/ENG
	LABEL ON CHAPTI
	LABEL ON
	ETICHETTA DOLCARO
	VALVOLINA TAG

TOLLERANZE CABLAGGI-WIRING TOLLERANCES

FOR INTERMEDIATE DIMENSIONS NOT LISTED USE A TOLERANCE TO LARGER CHANGE

IF NOT EXPRESSLY REQUEST OR NOTIFIED DIMENSIONAL TOLERANCE

RANGE LUNGHEZZA (mm) RANGE LENGHT (mm)	TOLLERANZA (mm) TOLLERANCE (mm)
0 ÷ 100	±5 / ±10
101 ÷ 250	±5 / ±10
251 ÷ 500	±5 / ±10
501 ÷ 750	±5 / ±10
751 ÷ 1000	±5 / ±10
1001 ÷ 1500	±5 / ±10
1501 ÷ 2000	±5 / ±10
> 2000	±5 / ±10

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QUESTO DISEGNO È PROPRIETA' DI CARRARO AGRITALIA S.p.A. E NON PUO' ESSERE COPIATO O RIPRODOTTO SENZA AUTORIZZAZIONE SCRITTA. TUTTI I DIRITTI SONO RISERVATI.

LEGENDA COLORE CAVO - COLOUR ABBREVIATION

A	ARANCIO
	LIGHT BLUE
B	BIANCO
C	CELESTE
D	ARANCIO
G	GIALLO
	GREEN
H	GRAY SILVER
L	BLU
	DARK BLUE
M	MARRONE
	BROWN
N	NERO
O	ROSA
R	ROSSO
	RED
S	GRIGIO
	TAN
V	VERDE
	GREEN
Z	VIOLA
	VIOLET (PURPLE)

CARATTERISTICHE FUNZIONALI FUNCTIONAL REFERENCES	CF ***

IN MANCANZA DI INDICAZIONE DI CLASSE E, PARTICOLARE E' DA CONSIDERARSI IN CLASSE 2 DI ELEMETTRICITA' E IMPORTANTE. QUESTO DISEGNO CONTIENE N° - RIFERIMENTI.

IN THE CASE OF LACKING IN CLASS INDICATIONS THIS PARTICULAR HAS BE CONSIDERED IN CLASS 2 AND IMPORTANT CHANGE FENESTS. THIS DRAWING DOES INCLUDE THE FOLLOWING REF.

1	PRIMA EMISSIONE PER PROTOTIPI		
REV. REV.	DESCRIZIONE CHANGE		

TUTTI I DIRITTI SUGLI DISEGNI E PROGETTI SU DI ESSI SVILUPPATI SONO DI PROPRIETA' DI CARRARO S.p.A. QUESTI DISEGNI NON POSSO ESSERE RIPRODOTTI, IN TUTTO O IN PARTE, NE' COMUNICATI A TERZI SENZA AUTORIZZAZIONE SCRITTA DI CARRARO S.p.A. ALL'ATTO DELLA CONSEGNA DI QUESTI DISEGNI SI IMPEGNA A RESTITUIRLI SU RICHIESTA DI CARRARO S.p.A. ED A NON UTILIZZARLI PER SCOPI DIVERSI DA QUELLI PER I QUALI SONO STATI FORNITI.
ALL RIGHTS ARE RESERVED TO CARRARO AGRITALIA S.p.A. AND THIS DRAWING MAY NOT BE REPRODUCED, IN WHOLE OR IN PART, NOR COMMUNICATED TO THIRD PARTIES WITHOUT WRITTEN PERMISSION OF CARRARO S.p.A. WE ACCEPT RESPONSIBILITY FOR THE CONFORMITY OF ASSEMBLY DESIGN & CONSTRUCTION ONLY.

MATERIALE ETO ETO MATERIAL		DISEGNATO DRAWN	RIGHETTI
MATERIALE DPT DPT MATERIAL		APPROVATO APPROVED	TOSO
TRATT. TERM. HEAT TREAT.		DATA DATE	27/03/2015
TRATT. SUPERF. SURF. TREAT.		RIF. GENERALI GENERAL REFS.	
PROGETTO ASSEMBLY	CARRARO TIER 3B CAB MEC		
DENOMINAZIONE DESCRIPTION	9 - POWER SUPPLY		

CARRARO AGRITALIA

CARRARO S.p.A. DIVISIONE AGRITALIA
VIALE DEL LAVORO 1
45100 ROVIGO, ITALY

MODELLO N. CASTING REF.		A0	PESO WEIGHT (Kg)
SOST. A REPLACES			SCALA SCALE
DISEGNO N. PART N.			TAV. SHEET 9 20

W30

W31

W29

W33

W33_1

W33_2

CARTER

DASHBOARD

CHASSIS

FRONT PTO

Instrument Panel A101

P74: 72, 58, 56, 12, 7

0,75 C-G — 0,75 L-B

ChassisGND

N 0,75

PTO signal 1 B047

P20 P20

6 - ENGINE-PIN6/P16 R-H 0,75

6 - ENGINE-PIN1/SP9 N 0,75

C-N 0,75 → 6 - ENGINE-PIN1/SP4

Y338 PTO priority valve

PIN1 L-B 0,75

PIN2 P402

P402

PTO safety free wheel diode - 2A 100V

D9 A K

N 0,75

13 - THROTTLES-PIN1/SP54 C-N 0,75

Z175 PTO SAFETY VALVE PRESSURE SWITCH

P408 P408

0,75 R-L

P67 J35

R-L 0,75

R-L 0,75

M-C 1,5

J124 CONNECT TO P349

J125 P349

1,5 M-C

0,75 R-L

1,5 G-V

0,5 N

0,75 R-L

G-V 1,5

N 0,5

5 - POS. TURN, & STOP LIGHTS-PIN1/SP31

3 - BEACON LIGHT-PIN1/SP62

M 0,75

S113 FRONT PTO SWITCH

P442

PIN8 PIN3 PIN1 PIN6 PIN4

PIN7 PIN2 PIN5

P442

9 - POWER SUPPLY-1/P451/clutch end stroke switch R-L 0,75 — 19 — 19 R-L 1,0

11 - DASHBOARD-67/P74 B-G 0,75 — 34 — 34 B-G 0,75

11 - DASHBOARD-68/P74 M-V 0,75 — 35 — 35 M-V 0,75

J33 P66

11 - DASHBOARD-74/P74 M-S 0,75 — 2 — 2 L-B 0,75

11 - DASHBOARD-73/P74 R-B 0,75 — 3 — 3 M-S 0,75

11 - DASHBOARD-76/P74 C-B 0,75 — 4 — 4 R-B 0,75

11 - DASHBOARD-75/P74 N-V 0,75 — 5 — 5

6 — 6

0,75 C-B

0,75 N-V

9 — 9 C-G 0,75

11 - DASHBOARD-36/P74 M-Z 0,75 — 15 — 15

0,75 M-Z

11 - DASHBOARD-PIN1/SP58 M-C 1,5 — 18 — 18 M-C 1,5

22 — 22

J31 P63

M-Z 0,75

M-Z 0,75

SP56

0,75 M-Z

0,75 M-Z

Z077 Neutral start switch

M-V 0,75

P347 P347

SP57

M-V 0,75

Z210 DIR PTO selector switch

P341 P341

GD PTO selector switch

Z162

P342 P342

Z208 540E/1000 PTO speed selector switch

P343 P343

540 PTO speed selector switch

Z161

P344 P344

Only for mechanical PTO versions

Z209

13 - THROTTLES-PIN1/SP54 C-N 0,75

P401

P345

P400

Mechanical PTO Switch

K995 Front PTO interlock relay

R-G 0,75

30 87 K2 85 86

P433 P433

G-N 1,5

N 1,5

N 0,75

SP265

P431 J83

11 - DASHBOARD-PIN1/SP58 M-C 1,5

11 - DASHBOARD-10/P74 R-G 0,75

9 - POWER SUPPLY-PIN1/SP254 N 1,5

11 - DASHBOARD-31/P74 G-N 0,75

Front PTO connection

P432 X5

G-N 1,5

R-G 0,75

X8 PIN1 PIN2

Front PTO E-Valve

Y326

LEGENDA ETICHETTE - IDENTIFICATION

TOLLERANZE CABLAGGI-MINIMA TOLLERANCES

LEGENDA COLORI CAVO - COLOUR ABBREVIATION

A	ARANCIO - ORANGE
B	BIANCO - WHITE
C	CELESTE - SKY BLUE
G	GIALLO - YELLOW
H	GRIGIO - GREY
L	BLU - BLUE
M	MARRONE - BROWN
N	NERO - BLACK
R	ROSSO - RED
S	ROSA - PINK
V	VERDE - GREEN
Z	VIOLA - PURPLE

1 PRIMA EMISSIONE PER PROTOTIPI

REV. / REV. — DESCRIZIONE / CHANGE

TUTTI I DIRITTI SONO RISERVATI A PROPRIETA' DI CARRARO S.P.A. SENZA IL CONSENSO SCRITTO DI CARRARO S.P.A. SUOI DI VIETATO RIVELARE NASCONDERE RIPRODURRE, O IN ALCUN MODO OSCURE UTILIZZATO QUESTO DISEGNO CONTENUTO IN QUALSIASI FORMA O MEDIANTE QUALSIASI MEZZO ELETTRONICO O MECCANICO, COMPRESI FOTOCOPIE E REGISTRAZIONI SU NASTRO O QUALSIASI SISTEMA DI MEMORIZZAZIONE E RECUPERO DELLE INFORMAZIONI, SENZA L'AUTORIZZAZIONE SCRITTA DI CARRARO S.P.A. ALL'UTILIZZO DI TALE DISEGNO SI ESTENDE ANCHE ALLA PROTEZIONE DEI DIRITTI DERIVANTI DAL DEPOSITO DI MODELLI O DISEGNI. ALL'ATTO DELLA VIOLAZIONE DEI DIRITTI DI CARRARO S.P.A. SARANNO PERSEGUITI A NORMA DI LEGGE

ALL RIGHTS ARE RESERVED BY CARRARO S.P.A. THIS DRAWING MAY NOT BE REPRODUCED, COPIED OR DISCLOSED TO THIRD PARTIES WITHOUT THE EXPRESS WRITTEN CONSENT OF CARRARO S.P.A. ANY INFRINGEMENT WILL BE LEGALLY PROSECUTED. THE COPYRIGHT ON DESIGNS / MODELS EXTENDS ALSO TO PROTECTION OF RIGHTS DERIVING FROM DEPOSITING OF DESIGNS / MODELS. ANY INFRINGEMENT WILL BE LEGALLY PROSECUTED

MATERIALE STD / STD MATERIAL — DISEGNATO / DRAWN: D'APOLITO-TEORESI

MATERIALE OPT / OPT MATERIAL — APPROVATO / APPROVED: RIGHETTI

TRATT. TERM. / HEAT TREAT. — DATA / DATE: 25/04/2015

TRATT. SUPERF. / SURF. TREAT. — RIF. GENERALI / GENERAL REFS.

PROGETTO / ASSEMBLY: CARRARO TIER 3B CAB MEC

DENOMINAZIONE / DESCRIPTION: 10 - PTO

CARATTERISTICHE FUNZIONALI / FUNCTIONAL REFERENCES — CF ***

IN MARCATA DI INDICAZIONE DI CLASSE IL PARTICOLARE E' DA CONSIDERARSI IN CLASSE DTC E DI CARATTERISTICA IMPORTANTE / THE PARTICULAR IS CONSIDERED IN DTC CLASS AND IMPORTANT CHARACTERISTIC

IN THE CASE OF LACKING IN CLASS INDICATIONS THIS PARTICULAR HAS BE CONSIDERED IN DTC CLASS AND IMPORTANT CHARACTERISTIC

THIS DRAWING DOES INCLUDE THE FOLLOWING REF.

CARRARO AGRITALIA

CARRARO S.p.A. DIVISIONE AGRITALIA
VIALE DEL LAVORO 1
45100 ROVIGO, ITALY

MODELLO N. / CASTING REF. — FOGLIO / SHEET: 19 20

FOGLIO N. / REPLACES — SCALA / SCALE: A0

DISEGNO N. / PART N. — PESO / WEIGHT — DATI

DISEGNO N.
PART N.

W29

W29_1

W30

Instrument Panel

A101

P74

SP598

SP637

SP42

SP58

SP297

P685
BRAKE SWITCH INTERFACE

J600

P602

P601

Z126
SX

Z127
DX

P63

J31

P436

P437

Z076
Oil level switch

CHASSIS

ChassisGND

P321

P322

T006

T013

Button SET

Button MENU'

9 - POWER SUPPLY-PIN1/SP254

9 - POWER SUPPLY-F8a/P289/Fuse box

9 - POWER SUPPLY-F7a/P289/Fuse box

9 - POWER SUPPLY-F10a/P289/Fuse box

9 - POWER SUPPLY-11/J17

4 - BONNET & H4 LIGHTS_6_30/P313/Relay box

3 - BEACON LIGHT-2/P92

5 - POS, TURN, & STOP LIGHTS-PIN1/SP252

5 - POS, TURN, & STOP LIGHTS-10/J33

5 - POS, TURN, & STOP LIGHTS-9/J33

10 - PTO-1/P431

10 - PTO-18/J31

13 - THROTTLES-23/J31

6 - ENGINE-12/J17

10 - PTO-2/P431

6 - ENGINE-2/J17

6 - ENGINE-9/J17

10 - PTO-4/P431

13 - THROTTLES-12/J31

6 - ENGINE-13/J17

6 - ENGINE-14/J17

2 - STEERING FUNCTION-13/J31

2 - STEERING FUNCTION-14/J31

6 - ENGINE-8/J17

13 - THROTTLES-29/J33

13 - THROTTLES-37/J33

13 - THROTTLES-31/J33

13 - THROTTLES-16/J33

13 - THROTTLES-15/J33

13 - THROTTLES-36/J33

13 - THROTTLES-30/J33

13 - THROTTLES-24/J33

13 - THROTTLES-11/J31

10 - PTO-15/J31

10 - PTO-34/J33

10 - PTO-35/J33

10 - PTO-4/J31

10 - PTO-3/J31

10 - PTO-6/J31

10 - PTO-5/J31

1 - 4WD & D/L-23/J33

1 - 4WD & D/L-1/J31

1 - 4WD & D/L-17/J31

1 - 4WD & D/L-16/J31

1 - 4WD & D/L-27/J33

1 - 4WD & D/L-28/J33

147 - VFR MR-K/D5

TUTTI I DIRITTI SONO RISERVATI E PROPRIETA' DI CARRARO S.P.A. SENZA IL CONSENSO SCRITTO DI CARRARO S.P.A. QUESTO DISEGNO NON PUO' ESSERE RIPRODOTTO, O IN ALCUN MODO ESSERE UTILIZZATO PER LA PRODUZIONE DEI COMPONENTI O ASSIEME ILLUSTRATO NE'ESSERE TRASMESSO A ALTRE PARTI, OGNI INFRAZIONE VERRA' PERSEGUITA LEGALMENTE.
ALL RIGHTS RESERVED. THIS DRAWING IS THE PROPERTY OF CARRARO S.P.A. AND MAY NOT BE REPRODUCED OR USED TO MANUFACTURE THE COMPONENT OR ASSEMBLY HEREIN ILLUSTRATED AND MUST NOT BE RELEASED TO OTHER PARTIES WITHOUT WRITTEN CONSENT BY CARRARO S.P.A. ANY INFRINGEMENT WILL BE LEGALLY PURSUED.

REV.	DESCRIZIONE / CHANGE
1	PRIMA EMISSIONE PER PROTOTIPI

MATERIALE STD / STD MATERIAL	DISEGNATO / DRAWN: D'APOLITO-TEORESI
MATERIALE OPT. / OPT MATERIAL -	APPROVATO / APPROVED: RIGHETTI
TRATT. TERM. / HEAT TREAT.	DATA / DATE: 25/04/2015
TRATT.SUPERF. / SURF TREAT.	RIF. GENERALI / GENERAL REFS.

PRODOTTO / ASSEMBLY: CARRARO TIER 3B CAB MEC

DENOMINAZIONE / DESCRIPTION: 11 - DASHBOARD

CARATTERISTICHE FUNZIONALI / FUNCTIONAL REFERENCES — CF ***

IN MANCANZA DI INDICAZIONE DI CLASSE O, PARTICOLARE E' DA CONSIDERARSI IN CLASSE CF2 E DI CARATTERISTICA IMPORTANTE
QUESTO DISEGNO CONTIENE N° * RIFERIMENTI

IN THE CASE OF LACKING IN CLASS INDICATIONS THIS PARTICULAR HAS BE CONSIDERED IN CF2 CLASS AND IMPORTANT CHARACTERISTIC.
THIS DRAWING DOES INCLUDE THE FOLLOWING REF.:

CARRARO AGRITALIA

CARRARO S.p.A. DIVISIONE AGRITALIA
VIALE DEL LAVORO 1
45100 ROVIGO, ITALY

MODELLO N. / CASTING REF.	A1
PESO / WEIGHT	daN
SOST. IL. / REPLACES	
SCALA / SCALE	
DISEGNO N. / PART N.	
TAV. / SHEET	11 / 20

LEGENDA ETICHETTE - IDENTIFICATION

	ANELLO IDENTIFICATIVO
	WIRE RING
	ETICHETTA GRUPPO
	WIRE TAG
	ETICHETTA COLLAUDO
	VALIDATION TAG

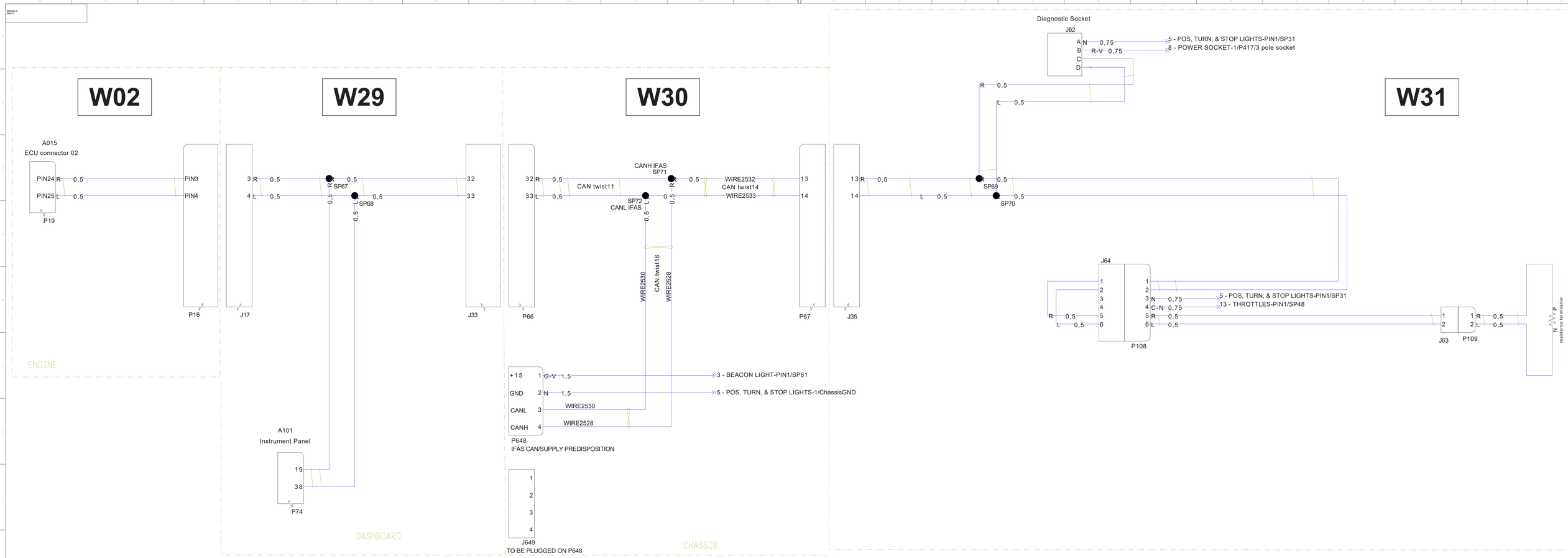
TOLLERANZE CABLAGGI-WIRING TOLLERANCES

RANGE LUNGHEZZA (mm) / WIRES LENGHT (mm)	TOLLERANZA (mm) / TOLLERANCE (mm)
10 ÷ 150	-10 ÷ +15
151 ÷ 250	-10 ÷ +20
251 ÷ 350	-10÷ +25
351 ÷ 500	-10 ÷ +30
501 ÷ 2500	-20 ÷ +35
2501 ÷ 4000	-30 ÷ +40
> 4000	-40 ÷ +70

LEGENDA COLORE CAVO - COLOUR ABBREVIATION

A	AZZURRO / LIGHT BLUE
B	BIANCO / WHITE
C	ARANCIO / ORANGE
G	GIALLO / YELLOW
H	GRIGIO / GRAY /SILVER
L	BLU / DARK BLUE
M	MARRONE / BROWN
N	NERO / BLACK
R	ROSSO / RED
S	ROSA / PINK
V	VERDE / GREEN
Z	VIOLA / VIOLET (PURPLE)

A-B - AZZURRO-BIANCO LONGITUDINALE
A-B - LIGHT BLUE-WHITE EXTENDING LATERALLY
A/B - AZZURRO/BIANCO TRASVERSALE
A/B - LIGHT BLUE/WHITE EXTENDING SPIRALLY



LEGENDA ETICHETTE - IDENTIFICATION	
	AREA DEMOLITA/TAGLIATA
	AREA SALDA
	ETICHETTA GRUPPO
	RIPIEGO
	ETICHETTA CAVO
	CALDO/STALDO

TOLLERANZE CABLAGGI-WIRING TOLLERANCES

PER LE DIMENSIONI NON INDICATE VALGONO LE SEGUENTI TOLLERANZE

IF NOT EXPRESSLY REQUIRED ON THE DRAWING OTHERWISE TOLERANCE

RANGE LUNGHEZZA (mm) LENGTH RANGE (mm)	TOLLERANZA (mm) TOLERANCE (mm)
0 ÷ 150	+5 / -10
151 ÷ 500	+10 / -20
501 ÷ 1000	+15 / -30
1001 ÷ 1500	+20 / -40
1501 ÷ 2000	+25 / -50
2001 ÷ 3000	+30 / -60
> 3000	+40 / -70

SALVO DIVERSA INDICAZIONE SUL DISEGNO
UNLESS OTHERWISE INDICATED ON THE DRAWING

SALVO DIVERSA INDICAZIONE SUL DISEGNO
UNLESS OTHERWISE INDICATED ON THE DRAWING

LEGENDA COLORE CAVO - COLOUR ABBREVIATION	
A	AZZURRO LIGHT BLUE
B	BIANCO WHITE
C	ARANCIO ORANGE
G	GRIGIO GRAY
H	VERDE GIALLO GREEN YELLOW
L	BLU BLUE
M	MARRONE BROWN
N	NERO BLACK
R	ROSSO RED
S	ROSA PINK
V	VIOLA VIOLET
Z	GIALLO YELLOW

	CAVO SCHERMATO/CAVO CONTORTO/TWISTED
	CAVI - WIRE BLINDATI SCHERMATI - SHIELDED
	CAVI - WIRE BLINDATI GUAINATI - SHEATHED

1	PRIMA EMISSIONE PER PROTOTIPI
REV. REV.	DESCRIZIONE CHANGE

TUTTI I DIRITTI SONO RISERVATI A PROPRIETA' DI CARRARO S.P.A. SENZA IL CONSENSO SCRITTO DI CARRARO S.P.A. QUESTO DISEGNO NON PUO' ESSERE RIPRODOTTO, E IN ALCUN MODO OSSERVI UTILIZZATO.
TUTTE LE PRESCRIZIONI RIGUARDANTI LA GARANZIA CONTENUTE IN QUESTO DISEGNO, TECNOLOGICI E/O TECNICHE, SONO DA INTENDERSI SENZA IMPEGNO DA PARTE DI CARRARO S.P.A.
ALL PROPRIETARY RIGHTS RESERVED BY CARRARO S.P.A. THIS DRAWING SHALL NOT BE REPRODUCED OR IN ANY WAY UTILIZED FOR MANUFACTURE OF THE COMPONENT OR ASSEMBLY SHOWN ILLUSTRATED AND NOT SET FOR BELOW TO OTHER PARTIES WITHOUT WRITTEN CONSENT OF CARRARO S.P.A. ANY INFRINGEMENT WILL BE LEGALLY PURSUED.

MATERIALE STD STD MATERIAL	DISEGNATO DRAWN	RIZZI
MATERIALE DIFF DIFF MATERIAL	APPROVATO APPROVED	RIGHETTI
TRATT. TERM. HEAT TREAT.	DATA DATE	20/07/2018
TRATT SUPERF. SURF. TREAT.	REF. GENERALI GENERAL REFS.	
PROGETTO ASSEMBLY	CARRARO TIER 3B CAB MEC	
DENOMINAZIONE DESIGNATION	12 - CAN BUS	

CARATTERISTICHE FUNZIONALI FUNCTIONAL REFERENCES	CF

IN MANCANZA DI INDICAZIONE DI CLASSE IL PARTICOLARE E' DA CONSIDERARSI IN
IN THE CASE OF LACKING IN CLASS INDICATIONS THIS PARTICULAR HAS BE CONSIDERED
QUESTO DISEGNO CONTIENE N° - REFERENCES
THIS DRAWING DOES INCLUDE THE FOLLOWING REF.

CARRARO AGRITALIA
CARRARO S.p.A. DIVISIONE AGRITALIA
VIALE DEL LAVORO 1
45100 ROVIGO, ITALY

MODELLO N. CASTING REF.	A0	PESO WEIGHT	(KG)
SOST. N. REPLACES		SCALA SCALE	
DISEGNO N. PART N.		TAV. SHEET	12 20

DISEGNO N.
PART N.

W29

W31

CARTER

DASHBOARD

CHASSIS

1 - 4WD & D/L-1/P306/4WD pressure switch C-N 0,75
10 - PTO-1/P401/Mechanical PTO Switch C-N 0,75
1 - 4WD & D/L-1/P307/D/L pressure switch C-N 0,75
10 - PTO-1/P408/PTO SAFETY VALVE PRESSURE SWITCH C-N 0,75

SP54 C-N 0,75 — 0,75 C-N — P67 1 — J35 1 — C-N 1,0

N-G 0,75 — P67 5 — J35 5 — 0,75N-G
L-R 0,75 — P67 7 — J35 7 — 0,75L-R
H-V 0,75 — P67 8 — J35 8 — 0,75H-V
N-G 0,75 — SP44 — 0,75N-G — 0,75N-G

Z005 Seat switch
operator weight
1 — 2
P355 — P355
0,75Z-R

A-B 0,75 — SP46 — 1 - 4WD & D/L-1/P308/Hand brake switch

9 - POWER SUPPLY-F4a/P289/Fuse box A-B 0,75 — J33 12 — P66 12 — A-B 0,75
0,75A-B — G-Z 0,75 — P67 24 — J35 24 — G-Z 0,75
0,75A-B — M-B 0,75 — P67 25 — J35 25 — M-B 0,75
S-G 0,75 — P67 26 — J35 26 — S-G 0,75

11 - DASHBOARD-34/P74 G-Z 0,75 — J33 15 — P66 15
11 - DASHBOARD-33/P74 M-B 0,75 — J33 16 — P66 16
14 - VFR MR-PIN1/SP65 C-N 0,75 — J33 20 — P66 20
11 - DASHBOARD-80/P74 N-G 0,75 — J33 24 — P66 24
11 - DASHBOARD-13/P74 S-G 0,75 — J33 29 — P66 29
11 - DASHBOARD-37/P74 L-R 0,5 — J33 30 — P66 30
11 - DASHBOARD-17/P74 H-V 0,75 — J33 31 — P66 31
0,75A-B — 0,75H-L — 0,75R-N

11 - DASHBOARD-35/P74 H-L 0,75 — J33 36 — P66 36
11 - DASHBOARD-15/P74 R-N 0,75 — J33 37 — P66 37

11 - DASHBOARD-49/P74 N-R 0,75 — J31 11 — P63 11
11 - DASHBOARD-32/P74 S-V 0,75 — J31 12 — P63 12 — S-V 0,75
DNNET & H4 LIGHTS-6_30/P313/Relay box C 0,75 — J31 21 — P63 21 — C 0,75
11 - DASHBOARD-PIN1/SP598 Z-R 0,75 — J31 23 — P63 23 — Z-R 0,75
0,75N-R — 0,75 N — 5 - POS, TURN, & STOP LIGHTS-1/ChassisGND

SP298 — 0,75 N

P67 — J35 — 0,75S-V

CC- UP — S188 — P354 — 33 11 22 — G 0,5 — N 0,5 — 5 - POS, TURN, & STOP LIGHTS-PIN1/SP3 — 5 - POS, TURN, & STOP LIGHTS-PIN1/SP31
CC - DW — S189 — P354 — 33 11 22 — G 0,5 — N 0,5 — 5 - POS, TURN, & STOP LIGHTS-PIN1/SP3 — 5 - POS, TURN, & STOP LIGHTS-PIN1/SP31
CC - MEM1 — S178 — P353 — 33 11 22 — G 0,5 — N 0,5 — 5 - POS, TURN, & STOP LIGHTS-PIN1/SP3 — 5 - POS, TURN, & STOP LIGHTS-PIN1/SP31
CC - MEM2 — S179 — P352 — 33 11 22 — G 0,5 — N 0,5 — 5 - POS, TURN, & STOP LIGHTS-PIN1/SP3 — 5 - POS, TURN, & STOP LIGHTS-PIN1/SP31
P495

SP47 — 0,75N-G — 0,75N-G

B154 Hand Throttle sensor — P351
C-N 0,75 — SP48
C-N 0,75 — 1 - 4WD & D/L-1/P302/4wd switch
C-N 0,75 — 1 - 4WD & D/L-1/P304/D/L switch
C-N 0,75 — 12 - CAN BUS-4/P108
C-N 0,75 — 2 - STEERING FUNCTION-1/P419/4WD STEERING FUNCTION

B153 Foot Throttle sensor — P350

B227 Speed sensor — P357 — P357

W30

LEGENDA ETICHETTE - IDENTIFICATION

	ANELLO IDENTIFICATIVO / INDEX RING
	ETICHETTA SALDATO / WIRE TAG
	ETICHETTA COLLAUDO / VALIDATION TAG

TOLLERANZE CABLAGGI-WIRING TOLLERANCES

RANGE LUNGHEZZA (mm) / RANGE LENGHT (mm)	TOLLERANZA (mm) / TOLLERANCE (mm)
10 ÷ 500	-10 ÷ +10
501 ÷ 1000	-15 ÷ +15
001 ÷ 2000	-30/ +25
001 ÷ 900	-15 ÷ +15
901 ÷ 2000	-20 ÷ +20
2001 ÷ 4000	-30 ÷ +30
> 4000	-40 ÷ +70

LEGENDA COLORE CAVO - COLOUR ABBREVIATION

A	AZZURRO / LIGHT BLUE
B	BIANCO / WHITE
C	ARANCIO / ORANGE
G	GIALLO / YELLOW
H	GRIGIO / GRAY (SILVER)
L	BLU / DARK BLUE
M	MARRONE / BROWN
N	NERO / BLACK
R	ROSSO / RED
S	ROSA / PINK
V	VERDE / GREEN
Z	VIOLA / VIOLET (PURPLE)
	A-B - AZZURRO-BIANCO LONGITUDINALE
	A-B - LIGHT BLUE-WHITE EXTENDING LATERALLY
	A-B - AZZURRO-BIANCO TRASVERSALE
	A-B - LIGHT BLUE-WHITE EXTENDING SPIRALLY

1	PRIMA EMISSIONE PER PROTOTIPI
REV. REV.	DESCRIZIONE CHANGE

TUTTI I DIRITTI SONO RISERVATI E PROPRIETA' DI CARRARO S.P.A. SENZA IL CONSENSO SCRITTO DI CARRARO S.P.A. QUESTO DISEGNO NON PUO' ESSERE RIPRODOTTO, O IN ALCUN MODO ESSERE UTILIZZATO
ALL RIGHTS RESERVED. ANY REPRODUCTION OR UNAUTHORIZED USE WITHOUT THE WRITTEN CONSENT OF CARRARO S.P.A. IS PROHIBITED
ALL PROPRIETARY RIGHTS RESERVED BY CARRARO S.P.A. THIS DRAWING SHALL NOT BE REPRODUCED OR IN ANY WAY UTILIZED FOR THE MANUFACTURE OF THE COMPONENT OR ASSEMBLY HEREIN ILLUSTRATED AND
MUST NOT BE RELEASED TO OTHER PARTIES WITHOUT WRITTEN CONSENT BY CARRARO S.P.A. ANY INFRINGEMENT WILL BE LEGALLY PURSUED

MATERIALE STD / STD MATERIAL	DISEGNATO / DRAWN: D'APOLITO-TEORESI
MATERIALE OPT / OPT MATERIAL	APPROVATO / APPROVED: RIGHETTI
TRATT. TERM. / HEAT TREAT.	DATA / DATE: 04/05/2015
TRATT.SUPERF. / SURF.TREAT.	RIF. GENERALI / GENERAL REFS.
PRODOTTO / ASSEMBLY	CARRARO TIER 3B CAB MEC
DENOMINAZIONE / DESCRIPTION	13 - THROTTLES

CARATTERISTICHE FUNZIONALI / FUNCTIONAL REFERENCES	CF
IN MANCANZA DI INDICAZIONE DI CLASSE IL PARTICOLARE E' DA CONSIDERARSI IN CLASSE CP2 DI CARATTERISTICA IMPORTANTE / QUESTO DISEGNO CONTIENE N° ° RIFERIMENTI	
IN THE CASE OF LACKING IN CLASS INDICATIONS THIS PARTICULAR HAS BE CONSIDERED IN CP2 CLASS AND IMPORTANT CHARACTERISTIC. / THIS DRAWING DOES INCLUDE THE FOLLOWING REF:	

CARRARO AGRITALIA

CARRARO S.p.A. DIVISIONE AGRITALIA
VIALE DEL LAVORO 1
45100 ROVIGO, ITALY

MODELLO N. / CASTING REF.		A1	PESO / WEIGHT
SOST. IL / REPLACES			SCALA / SCALE
DISEGNO N. / PART N.			TAV. / SHEET 13 20

DASHBOARD

CHASSIS

L 0,5

9 - POWER SUPPLY-PIN1/SP254 N 0,5

P314

VRF WARNING LIGHT
H084

0,75C-V

J31

0,5 A-N

0,5 C-N

0,75C-N

13 - THROTTLES-20/J33 C-N 0,75

SP65

C-N 0,75 → 6 - ENGINE-5/J17

C-N 0,75 → 9 - POWER SUPPLY-F6a/P289/Fuse box

C-N 0,75

11 - DASHBOARD-69/P74 M-L 0,5

1 - 4WD & D/L-17/J33 M-L 0,5

D5

A-N 0,5

DIODE 1N4007 1A

P313

Relay box

P313

K1 1_85 1_86 1_30 1_87a 1_87

K2 2_85 2_86 2_30 2_87a 2_87

K3 3_85 3_86 3_30 3_87a 3_87

K4 4_85 4_86 4_30 4_87a 4_87

K5 5_85 5_86 5_30 5_87a 5_87

K6 6_85 6_86 6_30 6_87a 6_87

K7 7_85 7_86 7_30 7_87a 7_87

W29

ChassisGND N 0,75

19 L-C 1,0

20 C-V 0,75

P63

W30

VFR i/f

1 N 0,75

2 L-C 1,0

3 C-V 0,75

P99 J59

SP66 N 0,5

0,5 N

Z121
PRESSURE SENSOR SWITCH

P316 P315

DIODE 1N4007 1A
D4
N 0,5 A K C-V 0,75

PIN2 PIN1
P318 P318

Y503
VRF E-VALVE

VFR MR harness

W06

LEGENDA ETICHETTE - IDENTIFICATION

	ANELLI IDENTIFICATIVI
	NASTRI NERI
	ETICHETTA GRIGIA
	ANELLI
	ETICHETTA GIALLA/ARG.
	TAGHETTE TAG

TOLLERANZE CABLAGGI-WIRING TOLLERANCES

IN MANCANZA DI INDICAZIONE DI CLASSE IL PARTICOLARE E' DA CONSIDERARSI IN CLASSE B - IN CASE OF NO CLASS INDICATION THE PART IS CONSIDERED IN CLASS B

IF NOT DIFFERENTLY REQUEST USE THE FOLLOWING STANDARD TOLERANCE

RANGE LUNGHEZZA (mm) RANGE LENGTH (mm)	TOLLERANZA (mm) TOLERANCE (mm)
20 ÷ 99	20 ÷ 99 = ± 3
100 ÷ 299	100 ÷ 299 = ± 4
300 ÷ 499	300 ÷ 499 = ± 5
500 ÷ 999	500 ÷ 999 = ± 6
1000 ÷ 1499	1000 ÷ 1499 = ± 7
> 1499	> 1499 = ± 1 %

LEGENDA COLORE CAVO - COLOUR ABBREVIATION

A	ARANCIO ORANGE
B	BIANCO WHITE
C	GRIGIO GREY
G	VERDE GREEN
H	GIALLO YELLOW
I	AVORIO IVORY
L	BLU DARK BLUE
M	MARRONE BROWN
N	NERO BLACK
R	ROSSO RED
S	ROSA PINK
V	VIOLA VIOLET
Z	CELESTE SKY BLUE

CARATTERISTICHE FUNZIONALI / FUNCTIONAL REFERENCES — CF - - -

IN MANCANZA DI INDICAZIONE DI CLASSE IL PARTICOLARE E' DA CONSIDERARSI IN CLASSE B - IN CASE OF NO CLASS INDICATION THE PART IS CONSIDERED IN CLASS B
QUESTO DISEGNO CONTIENE N° - - - RIFERIMENTI

IN THE CASE OF LACKING IN CLASS INDICATIONS THIS PARTICULAR HAS BE CONSIDERED IN CLASS B - IN CASE OF NO CLASS INDICATION THE PART IS CONSIDERED IN CLASS B
THIS DRAWING DOES INCLUDE THE FOLLOWING REF.

REV.	DESCRIZIONE / CHANGE
1	PRIMA EMISSIONE PER PROTOTIPI

TUTTI I DIRITTI SONO RISERVATI A TROPPER SI IN GARRARO S.P.A. DIVISIA A. DISEGNO STANTO DI GARRARO S.P.A. QUESTO DISEGNO NON PUO' ESSERE RIPRODOTTO, E IN ALCUN MODO OSSERVE UTILIZZATO SENZA AUTORIZZAZIONE SCRITTA DI GARRARO S.P.A. ALL RIGHTS RESERVED ON ALL ANY PART OF THIS DRAWING WILL NOT BE REPRODUCED OR IN ANY WAY UTILIZED FOR THE MANUFACTURE OF THE COMPONENT OR ASSEMBLY GIVEN ILLUSTRATED AND MUST NOT BE DISCLOSED TO OTHER PARTIES WITHOUT PERMIT OF GARRARO S.P.A. ARE INTRODUCED WILL BE LEGALLY PURSUED.

MATERIALE STD / STD MATERIAL	DISEGNATO / DRAWN: D'APOLITO-TEORESI
MATERIALE DIFF / DIFF MATERIAL	APPROVATO / APPROVED: RIGHETTI
TRATT. TERM. / HEAT TREAT.	DATA / DATE: 25/04/2015
TRATT SUPERF. / SURF. TREAT.	REF. GENERALI / GENERAL REFS.

PROGETTO / ASSEMBLY: CARRARO TIER 3B CAB MEC

DENOMINAZIONE / DESCRIPTION: 14 - VFR MR

CARRARO AGRITALIA
CARRARO S.p.A. DIVISIONE AGRITALIA
VIALE DEL LAVORO 1
45100 ROVIGO, ITALY

MODELLO N. / CASTING REF.	FOGLIO / SHEET: A0
SOST. A / REPLACES	SCALA / SCALE
DISEGNO N. / PART N.	TAV. / SHEET: 14 20

POWER SUPPLY
PIN1
P511
R 10,0
MAXI FUSE 70A
P537
P537
R 10,0
SP287
R 6,0
R 1,0
R 1,5
R 1,5
M 1,0
M 1,0
M 2,5
M 6,0
SP288
FUSE BOX
F1B F2B F3B F4B F5B F6B P502
F1A F2A F3A F4A F5A F6A P502
V 1,5
B 1,5
1,0 M-N
2,5 L
FRONT WORK LIGHT RELAY
P497 85 30 86 87 87a P497
R1
REAR WORK LIGHT RELAY
P498 85 30 86 87 87a P498
R2
POWER SUPPLY RELAY
P499 85 30 86 87 87a P499
0,5 C
R3
AC CLUTCH RELAY
P500 85 30 86 87 87a P500
0,5 G-V
R4
0,5 N
0,5 N
0,5 N
E009
LH FRONT WORK LIGHT
PIN1 PIN2
P504 P504
B-R 1,5
SP290
B-R 1,5
RH FRONT WORK LIGHT
PIN1 PIN2
P505 E012 P505
0,5 N
1,5 N
1,5 N
E078
LH REAR WORK LIGHT
PIN1 PIN2
P507 P507
Z-G 1,5
SP289
Z-G 1,5
E081
RH REAR WORK LIGHT
PIN1 PIN2
P509 P509
1,5 N
1,5 N
SIGNALS PICK-UP
1 C 0,5
2
3
4 G-N 1,0
P513
G 1,5
S
1,0 L-N
C 0,5
1,0 R-L
SP292
L-R 1,5
SP286
0,5 C
B-R 1,5
Z-G 1,5
G-N 0,5
FRONT WORK LIGHT SWITCH
8 7
P531 P531
S282
G-N 0,5
N 0,5
SP281
1,0 G-N
1,0 G-N
0,5 G-N
0,5 G-N
0,5 G-N
G-N 0,5
2 3
P531 P531
C-N 0,5
FRONT WORK LIGHT SWITCH
R-L 1,0
SP291
INTERNAL LIGHT
C C
1 2
P530 E034 P530
N 1,0
N 1,0
R 2,5
CONDENSER MODULE
PIN1
PIN2
PIN3
PIN4
PIN5
P528
0,5 V
AC i/f
PIN1
PIN2
PIN3
PIN4
P529
2,5 N
N 2,5
E128
LICENCE PLATE LIGHT
2 1
P514 P514
E993
CARTER COURTESY LIGHT
1 1
P616 P615
REAR WORK LIGHT SWITCH
8 7
P532 P532
S283
2 3
P532 P532
REAR WORK LIGHT SWITCH
L 2,5
RADIO POWER SUPPLY CONNECTOR
1 2 3 4 5 6 7 8 P526
RADIO SPEAKER CONNECTOR
1 2 3 4 5 6 7 8 P527
R-L 1,0
0,5 R-V
0,5 N-L
0,5 R-G
0,5 N-Z
R 1,0
ANTENNA
GND SUPPLY
C097
SPEAKER
N
P
C098
SPEAKER
N
P
N 1,0
SP284
M-N 1,0
M-N 1,0
1 2 M035 REAR WIPER P520
1 2 M013 PUMP P519
1 2 M016 FRONT WIPER CONNECTOR 1 P523
1 2 M016 FRONT WIPER CONNECTOR 2 P524
SP285
8 7
P516 P516
L-N 1,0
S158
2 1
3
4 L 1,0
6 R-N 1,0
5
P516 P516
WIPER SWITCH
A-B 1,0
L-N 1,0
N 0,5
N 1,0
N 1,0
N 1,0
N 1,0
N 1,0
N 1,0
N 1,0
N 0,5
N 1,0
GROUND
PIN4
P512
N 10,0
SP282
E047
BEACON
2 1
P522 BEACON P522

Fuse description:
-F1: 15A, Front work light
-F2: 15A, rear work light
-F3: 10A, radio +15, rear wiper
-F4: 10A, radio +30, dome light
-F5: 15A, Front wiper, pump
-F6: 30A, AC module

W04

LEGENDA ETICHETTE - IDENTIFICATION

	AREA DI RIDUCENTE
	AVVISI BUS
	ETICHETTA GRUPPO
	MAN. ING.
	ETICHETTA COLLARE
	TAGHETTA TAG

TOLLERANZE CABLAGGI-WIRING TOLLERANCES

IN CASO DI DISCREPANZA TRA LE QUOTE DEL DISEGNO E QUELLE DEL CAVO PREVALGONO LE QUOTE DEL DISEGNO

IN CASE OF DISCREPANCY BETWEEN DRAWING AND CABLE DIMENSIONS, DRAWING DIMENSIONS PREVAIL

RANGE LUNGHEZZA (mm) RANGE LENGTH (mm)	TOLLERANZA (mm) TOLERANCE (mm)
20 ÷ 99	+5 / -10
100 ÷ 199	+10 / -20
200 ÷ 499	+15 / -30
500 ÷ 999	+20 / -40
1000 ÷ 1999	+25 / -50
2000 ÷ 4999	+30 / -60
> 5000	+40 / -70

LEGENDA COLORE CAVO - COLOUR ABBREVIATION

A	AZZURRO LIGHT BLUE
B	BIANCO WHITE
C	ARANCIO ORANGE
G	GRIGIO GREY
H	GIALLO YELLOW
L	BLU BLUE
M	MARRONE BROWN
N	NERO BLACK
R	ROSSO RED
S	ROSA PINK
V	VERDE GREEN
Z	VIOLA PURPLE

	CAVO SCHERMATO - SHIELDED CABLE
	CAVO TWISTATO - TWISTED CABLE

	CAVO MULTIPOLARE - MULTIPOLAR CABLE
	CAVO MULTIPOLARE TWISTATO - MULTIPOLAR TWISTED CABLE

	CAVO MULTIPOLARE SCHERMATO - MULTIPOLAR SHIELDED CABLE
	CAVO MULTIPOLARE TWISTATO SCHERMATO - MULTIPOLAR TWISTED SHIELDED CABLE

	CAVO MULTIPOLARE TRASMISSIONE - MULTIPOLAR TRANSMISSION CABLE
	CAVO MULTIPOLARE TWISTATO TRASMISSIONE - MULTIPOLAR TWISTED TRANSMISSION CABLE

1	PRIMA EMISSIONE PER PROTOTIPI

REV. / REV. — DESCRIZIONE / CHANGE

"TUTTI I DIRITTI SONO RISERVATI A TTUTTI I DIRITTI SONO RISERVATI A TUTTI I DIRITTI SONO RISERVATI A TUTTI I DIRITTI SONO RISERVATI A T

DISEGNO N.
PART N.

W04

E28
X1

S93
X2

S14
X3

OFF
I
II
III
IV

X1 2 1
X2.1 1 2
X2.2 1 2
X3 1 2 3 4 5

N 0,5
C 0,5
N 2,5
M-N 2,5

P529
X4

G-N 0,5 — 4 — 4 — G-N 0,5
N 2,5 — 3 — 3 — N 2,5
L 2,5 — 2 — 2
V 0,5 — 1 — 1 — V 0,5

X6
N 0,5 — 3
L 0,5 — 1
B150
X6

X5
N 1,0 — 30
L 0,5 — 85
N 0,5 — 86
L-N 1,0 — 87
L-N 1,0
K28
X5

M07
X8
M
\+ C 2,5
\- M-N 2,5
X8

X7
1
R-N 1,5 — 2
H-N 1,5 — 3
M-N 1,5 — 4
Fuse
B151
X7

W36

LEGENDA ETICHETTE - IDENTIFICATION

	ANELLO IDENTIFICATIVO INDEX RING
	ETICHETTA GRUPPO WIRE TAG
	ETICHETTA COLLAUDO VALIDATION TAG

TOLLERANZE CABLAGGI-WIRING TOLLERANCES

RANGE LUNGHEZZA (mm) RANGE LENGHT (mm)	TOLLERANZA (mm) TOLLERANCE (mm)
10 ÷ 150	-10 ÷ +15
151 ÷ 300	-15 ÷ +20
301 ÷ 500	-15/+ +25
501 ÷ 900	-15 ÷ +30
901 ÷ 2500	-20 ÷ +35
2501 ÷ 4000	-30 ÷ +50
> 4000	-40 ÷ +70

LEGENDA COLORE CAVO - COLOUR ABBREVIATION

A	AZZURRO LIGHT BLUE
B	BIANCO WHITE
C	ARANCIO ORANGE
G	GIALLO YELLOW
H	GRIGIO GRAY (SILVER)
L	BLU DARK BLUE
M	MARRONE BROWN
N	NERO BLACK
R	ROSSO RED
S	ROSA PINK
V	VERDE GREEN
Z	VIOLA VIOLET (PURPLE)
	A-B - AZZURRO-BIANCO LONGITUDINALE
	A-B - LIGHT BLU-WHITE EXTERNAL LATERALLY
	A/B - AZZURRO/BIANCO TRASVERSALE
	A/B - LIGHT BLU/WHITE EXTERNAL SPIRALLY

1	PRIMA EMISSIONE PER PROTOTIPI
REV. REV.	DESCRIZIONE CHANGE

TUTTI I DIRITTI SONO RISERVATI E PROPRIETA' DI CARRARO S.P.A. SENZA IL CONSENSO SCRITTO DI CARRARO S.P.A. QUESTO DISEGNO NON PUO' ESSERE RIPRODOTTO, O IN ALCUN MODO ESSERE UTILIZZATO
ALL RIGHTS RESERVED AND PROPRIETARY TO CARRARO S.P.A. WITHOUT CARRARO S.P.A. WRITTEN CONSENT THIS DRAWING CANNOT BE REPRODUCED
ALL PROPRIETARY RIGHTS RESERVED BY CARRARO S.P.A. THIS DRAWING SHALL NOT BE REPRODUCED OR IN ANY WAY UTILIZED FOR THE MANUFACTURE OF THE COMPONENT OR ASSEMBLY HEREIN ILLUSTRATED AND
MUST NOT BE RELEASED TO OTHER PARTIES WITHOUT WRITTEN CONSENT BY CARRARO S.P.A. ANY INFRINGEMENT WILL BE LEGALLY PURSUED.

MATERIALE STD STD MATERIAL	DISEGNATO DRAWN
MATERIALE OPT OPT MATERIAL	APPROVATO APPROVED
TRATT. TERM. HEAT TREAT.	DATA DATE
TRATT.SUPERF. SURF.TREAT.	RIF. GENERALI GENERAL REFS.

PRODOTTO
ASSEMBLY: CARRARO TIER 3B CAB MEC

DENOMINAZIONE
DESCRIPTION: 22 - AIR CONDITIONING SYSTEM

CARATTERISTICHE FUNZIONALI FUNCTIONAL REFERENCES	CF	***

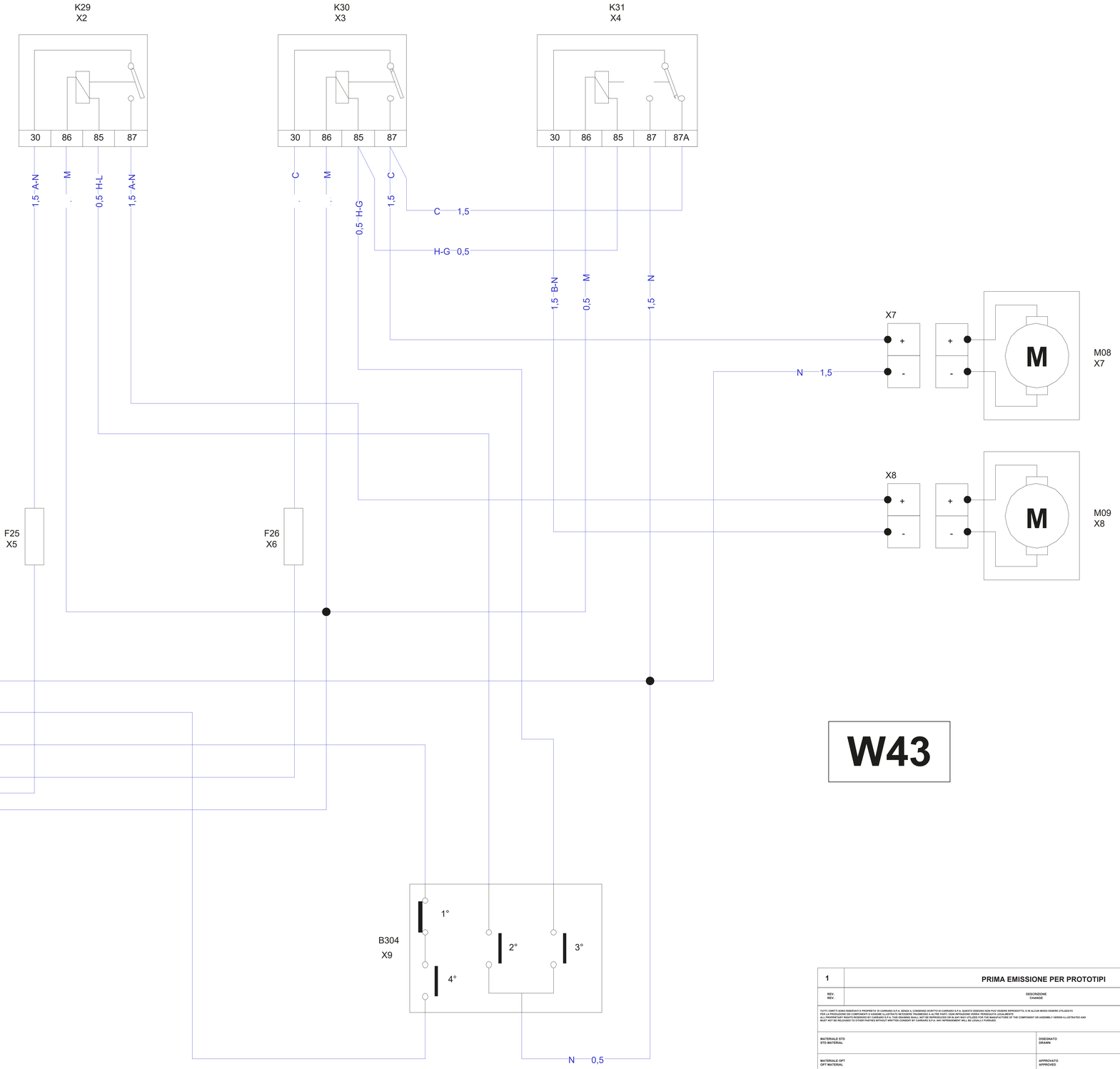
IN MANCANZA DI INDICAZIONE DI CLASSE IL PARTICOLARE E' DA CONSIDERARSI IN
CLASSE CF2 E DI CARATTERISTICA IMPORTANTE
QUESTO DISEGNO CONTIENE N° * RIFERIMENTI

IN THE CASE OF LACKING IN CLASS INDICATIONS THIS PARTICULAR HAS BE CONSIDERED
IN CF2 CLASS AND IMPORTANT CHARACTERISTIC.
THIS DRAWING DOES INCLUDE THE FOLLOWING REF:

CARRARO AGRITALIA
CARRARO S.p.A. DIVISIONE AGRITALIA
VIALE DEL LAVORO 1
45100 ROVIGO, ITALY

MODELLO N. CASTING REF.	A1	PESO WEIGHT	daN
SOST. IL REPLACES		SCALA SCALE	
DISEGNO N. PART N.		TAV SHEET	- / -

DISEGNO N.
PART N.



W04

W43

LEGENDA ETICHETTE - IDENTIFICATION

	ANELLO IDENTIFICATIVO
	INDEX RING
	ETICHETTA GRUPPO
	WIRE TAG
	ETICHETTA COLLAUDO
	VALIDATION TAG

TOLLERANZE CABLAGGI-WIRING TOLLERANCES

FOR NON DIMENSIONED IN PHOTO SECTION IS STANDARD TOLLERANCE STANDARD

IF NOT EXPRESS / *REQUEST USE THE FOLLOWING STANDARD TOLLERANCE

RANGE LUNGHEZZA (mm) / RANGE LENGHT (mm)	TOLLERANZA (mm) / TOLLERANCE (mm)
10 ÷ 150	-10 ÷ +15
151 ÷ 300	-15 ÷ +20
301 ÷ 550	-15/+ +25
551 ÷ 900	-15 ÷ +30
901 ÷ 2000	-20 ÷ +35
2001 ÷ 4000	-30 ÷ +45
> 4000	-40 ÷ +70

METODO DI MISURAZIONE: DRITTO/SEZIONE - TIPO A
METHOD OF MEASUREMENT: STRAIGHT/SECTION - TYPE A

MISURAZIONE DRITTO-SVILUPPO/SEZIONE - METODO
MEASUREMENT METHOD STRAIGHT-DEVELOPMENT/SECTION - METHOD

LEGENDA COLORE CAVO - COLOUR ABBREVIATION

A	AZZURRO LIGHT BLUE
B	BIANCO WHITE
C	ARANCIO ORANGE
G	GIALLO YELLOW
H	GRIGIO GRAY (SILVER)
L	BLU DARK BLUE
M	MARRONE BROWN
N	NERO BLACK
R	ROSSO RED
S	ROSA PINK
V	VERDE GREEN
Z	VIOLA VIOLET (PURPLE)
	A-B - AZZURRO-BIANCO LONGITUDINALE
	A-W - LIGHT BLUE-WHITE EXTENDING LENGHTWISE *
	A/B - AZZURRO/BIANCO TRASVERSALE
	A/W - LIGHT BLU/WHITE EXTENDING SPIRALLY

CARATTERISTICHE FUNZIONALI FUNCTIONAL REFERENCES	CF	***

IN MANCANZA DI INDICAZIONE DI CLASSE IL PARTICOLARE E' DA CONSIDERARSI IN CLASSE CF2 E DI CARATTERISTICA IMPORTANTE
QUESTO DISEGNO CONTIENE N° * RIFERIMENTI

IN THE CASE OF LACKING IN CLASS INDICATIONS THIS PARTICULAR HAS BE CONSIDERED IN CF2 CLASS AND IMPORTANT CHARACTERISTIC
THIS DRAWING DOES INCLUDE THE FOLLOWING REF.

REV.	DESCRIZIONE CHANGE
1	PRIMA EMISSIONE PER PROTOTIPI

TUTTI I DIRITTI SONO RISERVATI E PROPRIETA' DI CARRARO S.P.A. SENZA IL CONSENSO SCRITTO DI CARRARO S.P.A. QUESTO DISEGNO NON PUO' ESSERE RIPRODOTTO, O IN ALCUN MODO ESSERE UTILIZZATO PER LA PRODUZIONE DEI COMPONENTI O ASSIEME ILLUSTRATO NESSERE TRASMESSO A ALTRE PARTI, ODNI INFRAZIONE VERRA' PERSEGUITA LEGALMENTE
ALL RIGHTS RESERVED. NO PART OF THIS DRAWING SHALL BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING, OR OTHERWISE, WITHOUT THE PRIOR WRITTEN CONSENT OF CARRARO S.P.A. THE MANUFACTURE OF THE COMPONENT OR ASSEMBLY HEREIN ILLUSTRATED AND
MUST NOT BE RELEASED TO OTHER PARTIES WITHOUT WRITTEN CONSENT BY CARRARO S.P.A. ANY INFRINGEMENT WILL BE LEGALLY PURSUED

MATERIALE STD STD MATERIAL	DISEGNATO DRAWN
MATERIALE OPT OPT MATERIAL	APPROVATO APPROVED
TRATT. TERM. HEAT TREAT.	DATA DATE
TRATT.SUPERF. SURF.TREAT.	RIF. GENERALI GENERAL REFS.

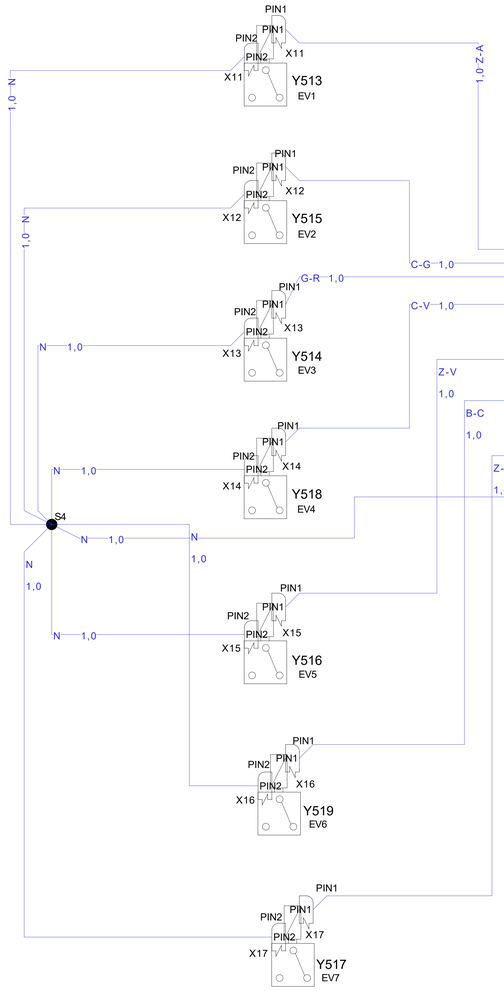
PRODOTTO / ASSEMBLY: **CARRARO TIER 3B CAB MEC**

DENOMINAZIONE / DESCRIPTION: **23 - CONDENSER MODULE**

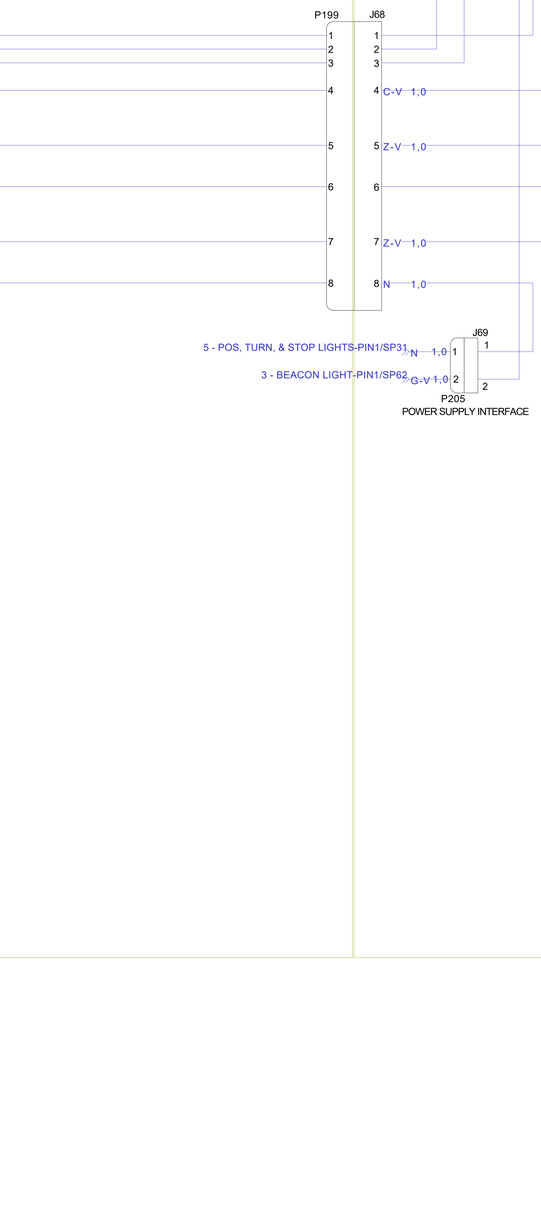
CARRARO AGRITALIA
CARRARO S.p.A. DIVISIONE AGRITALIA
VIALE DEL LAVORO 1
45100 ROVIGO, ITALY

MODELLO N. CASTING REF.		A1	PESO WEIGHT daN
SOST. IL REPLACES			SCALA SCALE
DISEGNO N. PART N.			TAV SHEET -/-

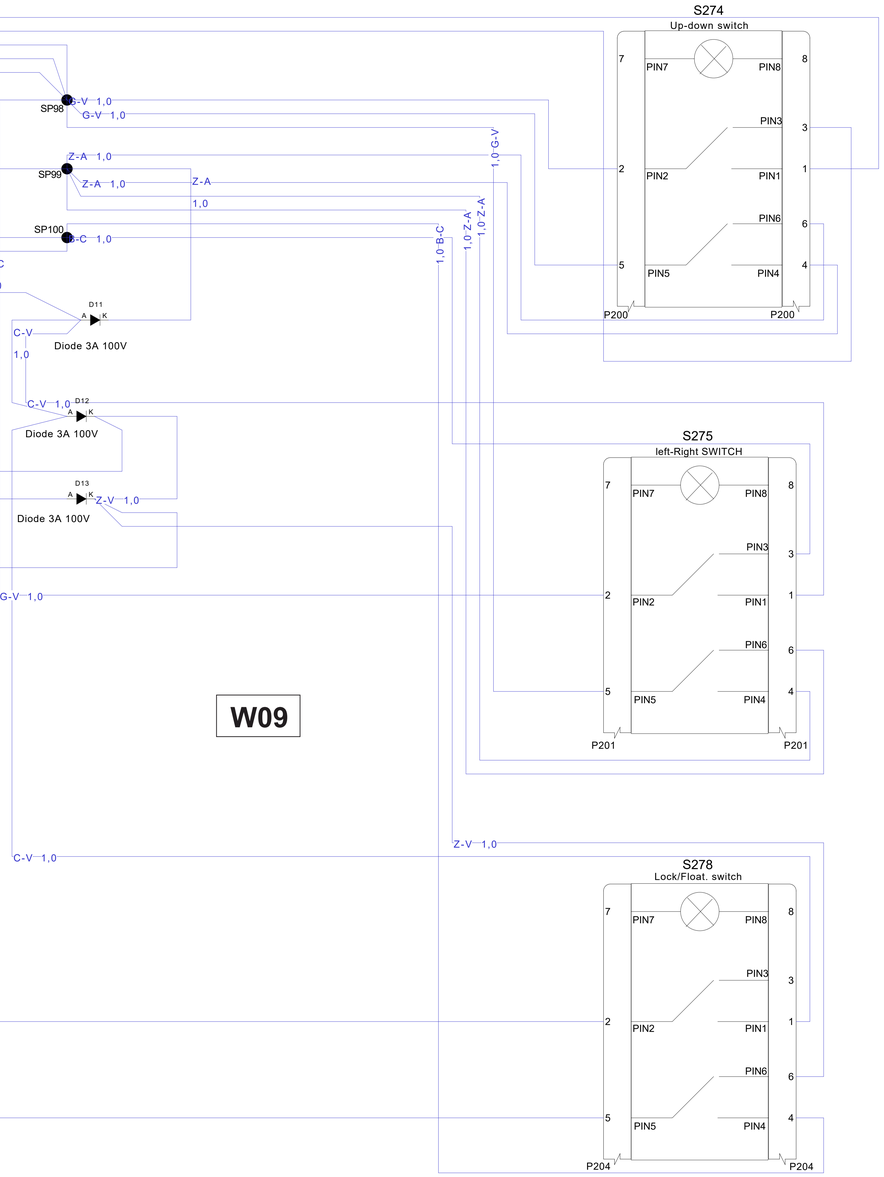
W09_2



W09_1



W09



LEGENDA ETICHETTE - IDENTIFICATION

	LABELS IDENTIFICATION
A/A	INDEX ROW
	ETICHETTA GRAFFITA
	GRAFFITI TAG
	LETTURE DI COLLAUDO
	CALIBRATION TAG

TOLLERANZE CABLAGGIO-WIRING TOLLERANCES

RANGE LUNGHEZZA (mm) / LENGTH RANGE (mm)	TOLLERANZA (mm) / TOLLERANCE (mm)
50 ÷ 99	-10 ÷ +10
100 ÷ 299	-15 ÷ +15
300 ÷ 499	-20 ÷ +20
500 ÷ 999	-25 ÷ +25
1000 ÷ 4999	-30 ÷ +30
> 5000	-40 ÷ +40

LEGENDA COLORE CAVO - COLOUR ABBREVIATION

A	AZZURRO
	LIGHT BLUE
B	BIANCO
	WHITE
C	ARANCIO
	ORANGE
G	GIALLO
	YELLOW
H	GRIGIO
	GREY (RS-485)
L	BLU
	DARK BLUE
M	MARRONE
	BROWN
N	NERO
	BLACK
R	ROSSO
	RED
S	ROSA
	PINK
V	VERDE
	GREEN
Z	VIOLA
	PURPLE

Schermato	S.P. TWO-WIRE BRAIDED SHIELDED PAIRS
	S.P. + SAT. CAB. W. BRAID. SCHERMO. GENERALE
	SAE - NEGATIVE BRAIDED TRANSMISSION
	SAE - WIRE ALLIEVO E SCHERMO GENERALE

1	PRIMA EMISSIONE PER PROTOTIPI	
REV. REV.	DESCRIZIONE CHANGE	

TUTTI I DIRITTI SONO RISERVATI A TERMINI DI LEGGE E LA MARCA È CONSEGUENTEMENTE TUTELATA A NORMA DI LEGGE. QUESTO DISEGNO NON PUO' ESSERE RIPRODOTTO, E' IN ALTRI MODI CEDUTO UTILIZZATO TERZI O PRESENTATO DAI CONCORRENTI A GARE SENZA AUTORIZZAZIONE SCRITTA DI CARRARO S.P.A. QUESTO DISEGNO NON PUO' ESSERE RIPRODOTTO, E' IN ALTRI MODI CEDUTO UTILIZZATO TERZI O PRESENTATO DAI CONCORRENTI A GARE SENZA AUTORIZZAZIONE SCRITTA DI CARRARO S.P.A. ALL RIGHTS NOT EXPRESSLY RESERVED BY CARRARO S.P.A. THIS DRAWING SHALL NOT BE REPRODUCED OR IN ANY WAY UTILIZED FOR THE BENEFIT OF THE CONFIDENCE OF ASSEMBLY WORKS ELECTRICITY AND ARE NOT TO BE INCLUDED TO OTHER PARTIES WITHOUT THE CONSENT OF CARRARO S.P.A. OR ITS REPRESENTATIVES. ART. 99, LEGISLATIVE DECREE

MATERIALE STD / STD. MATERIAL	DISEGNATO / DRAWN: D'APOLITO-TEORESI
MATERIALE OPT / OPT. MATERIAL	APPROVATO / APPROVED: RIGHETTI
TRATT. TERM. / HEAT TREAT.	DATA / DATE: 20/04/2015
TRATT. SUPERF. / SURF. TREAT.	REF. GENERALI / GENERAL REFS.

PROGETTO / ASSEMBLY: CARRARO TIER 3B CAB

DENOMINAZIONE / DESCRIPTION: 18 - DEPORT

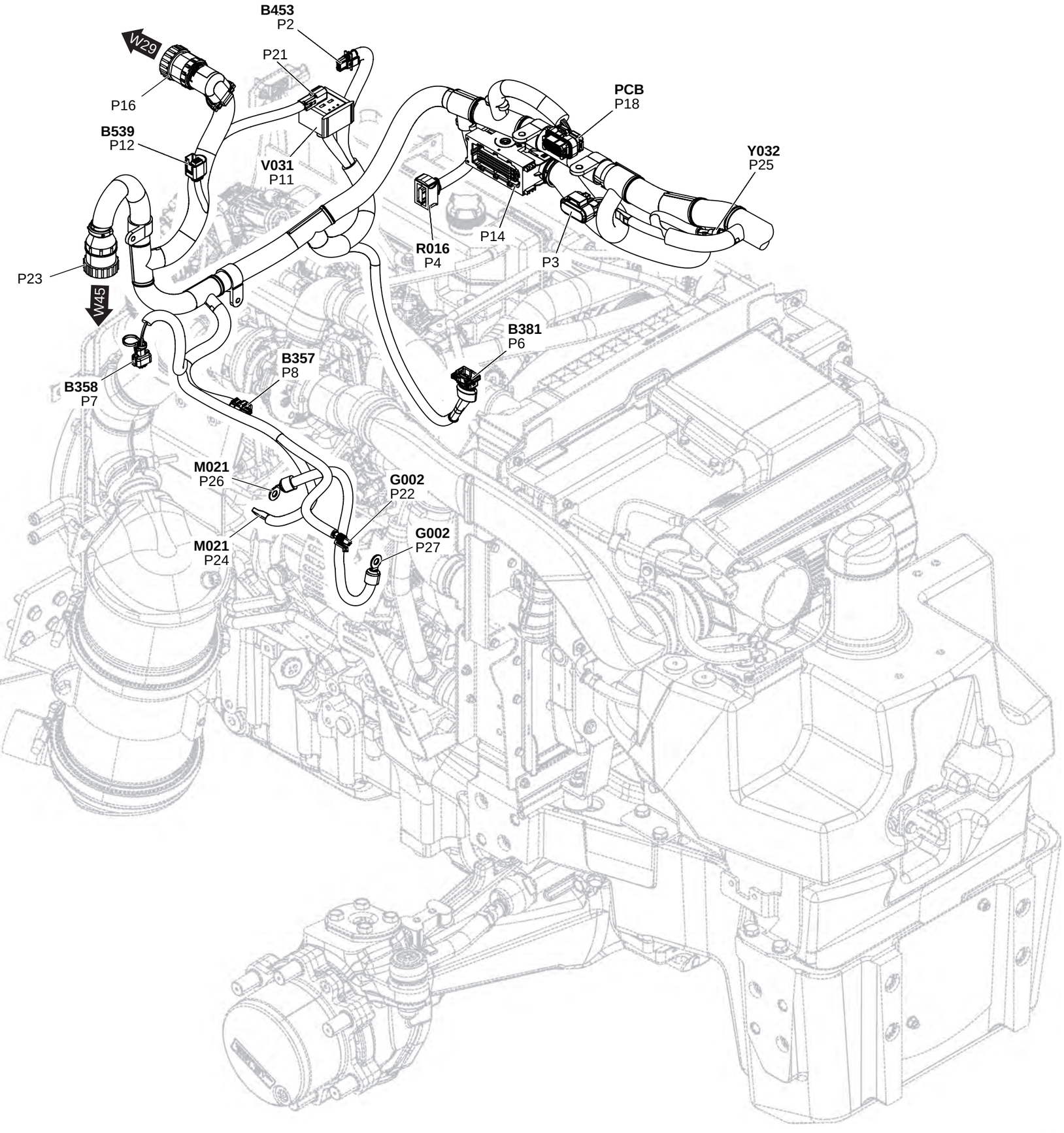
CARATTERISTICHE FUNZIONALI / FUNCTIONAL REFERENCES	CF	***

IN MANCANZA DI INDICAZIONE DI CLASSE E, PARTICOLARE E' DA CONSIDERARSI IN
IN THE CASE OF LACKING IN CLASS INDICATIONS THIS PARTICULAR HAS BE CONSIDERED
QUESTO DISEGNO CONTIENE N° / INFORMATIONS
THIS DRAWING DOES INCLUDE THE FOLLOWING REF.

CARRARO AGRITALIA

CARRARO S.p.A. DIVISIONE AGRITALIA
VIALE DEL LAVORO 1
45100 ROVIGO, ITALY

MODELLO N. / CASTING REF.:	A0	PESO / WEIGHT:	(Kg)
ASSY. N. / REPLACES:		SCALA / SCALE:	
DISEGNO N. / PART N.:		TAV. / SHEET:	18 / 20



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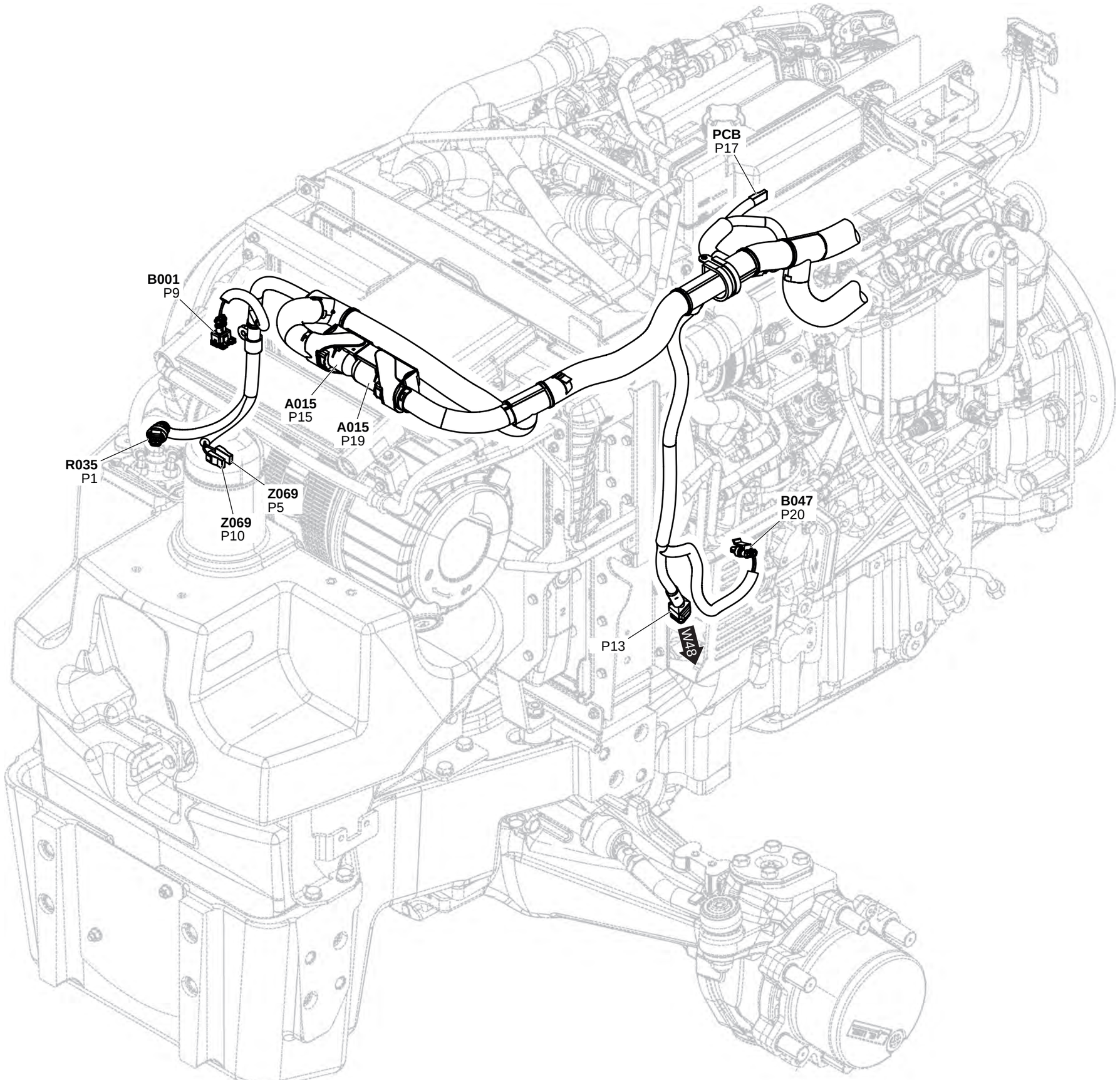

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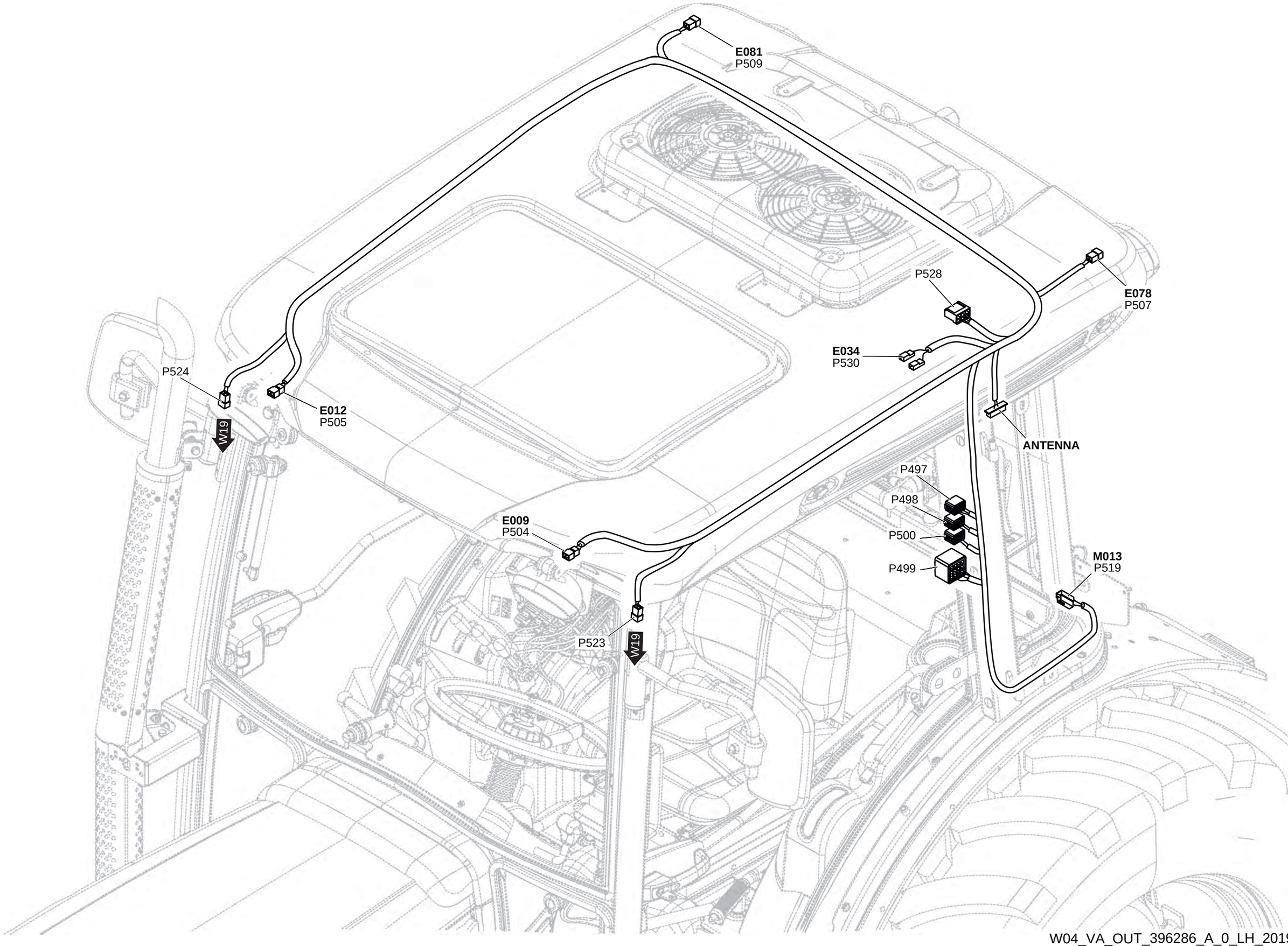

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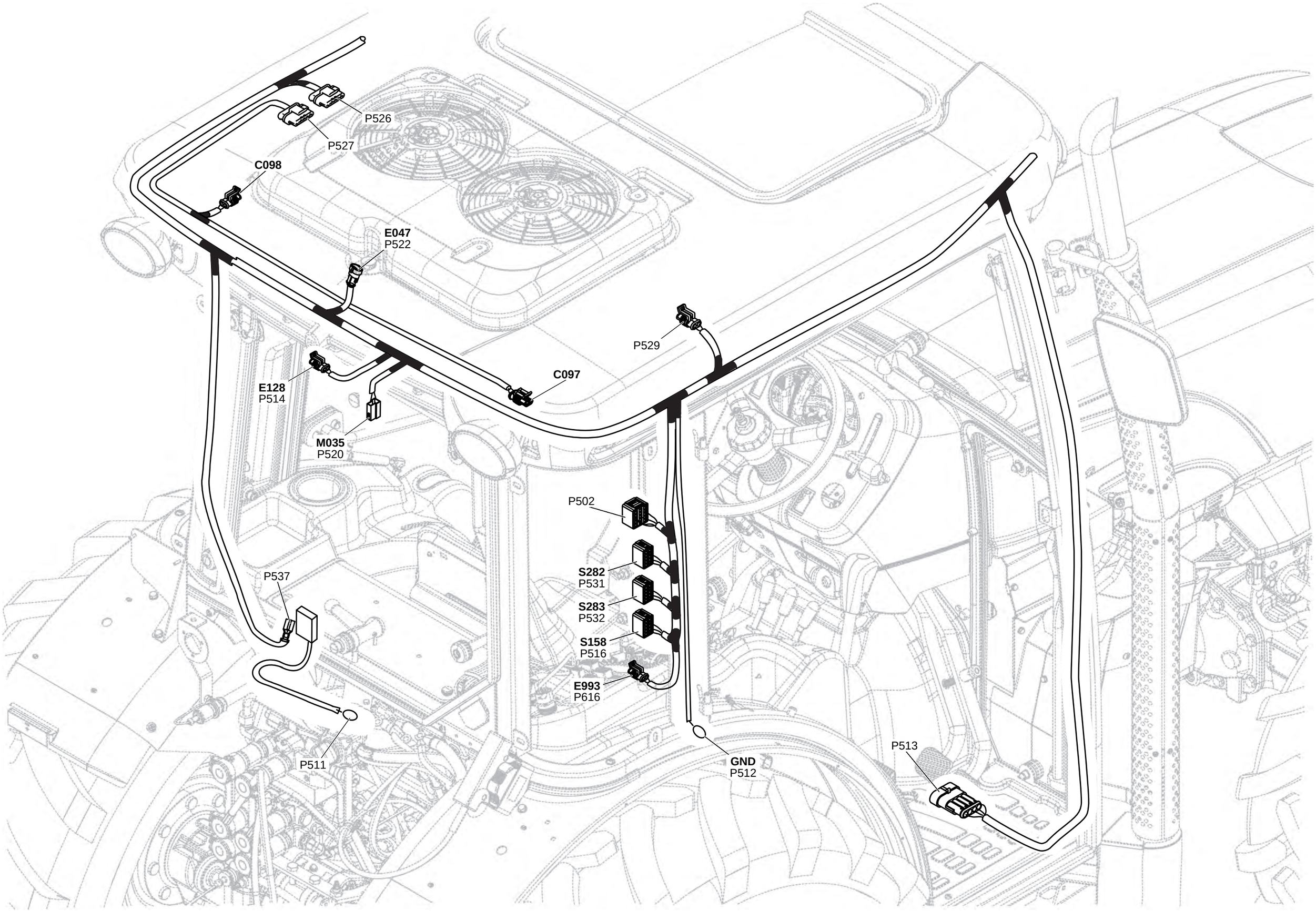

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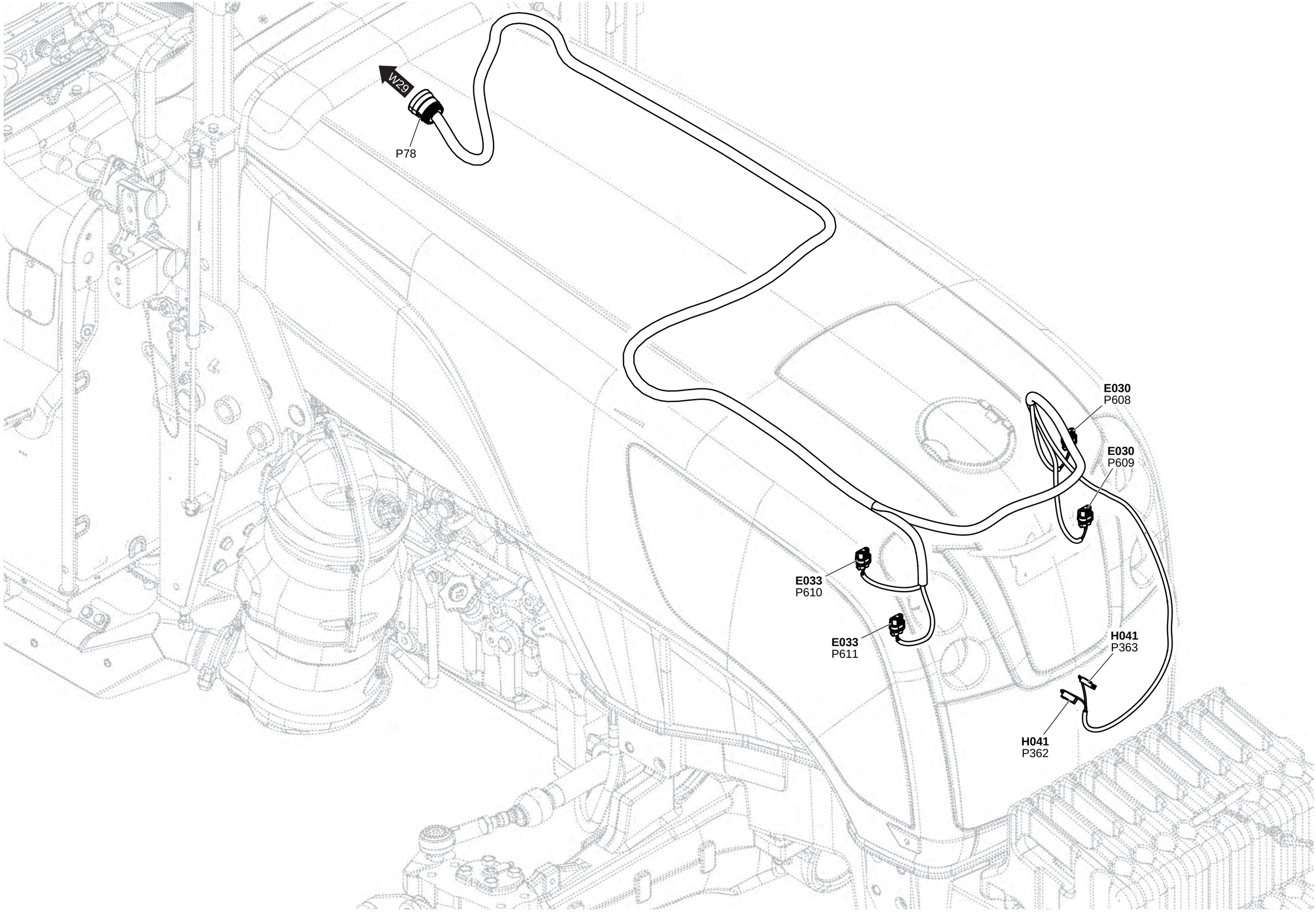

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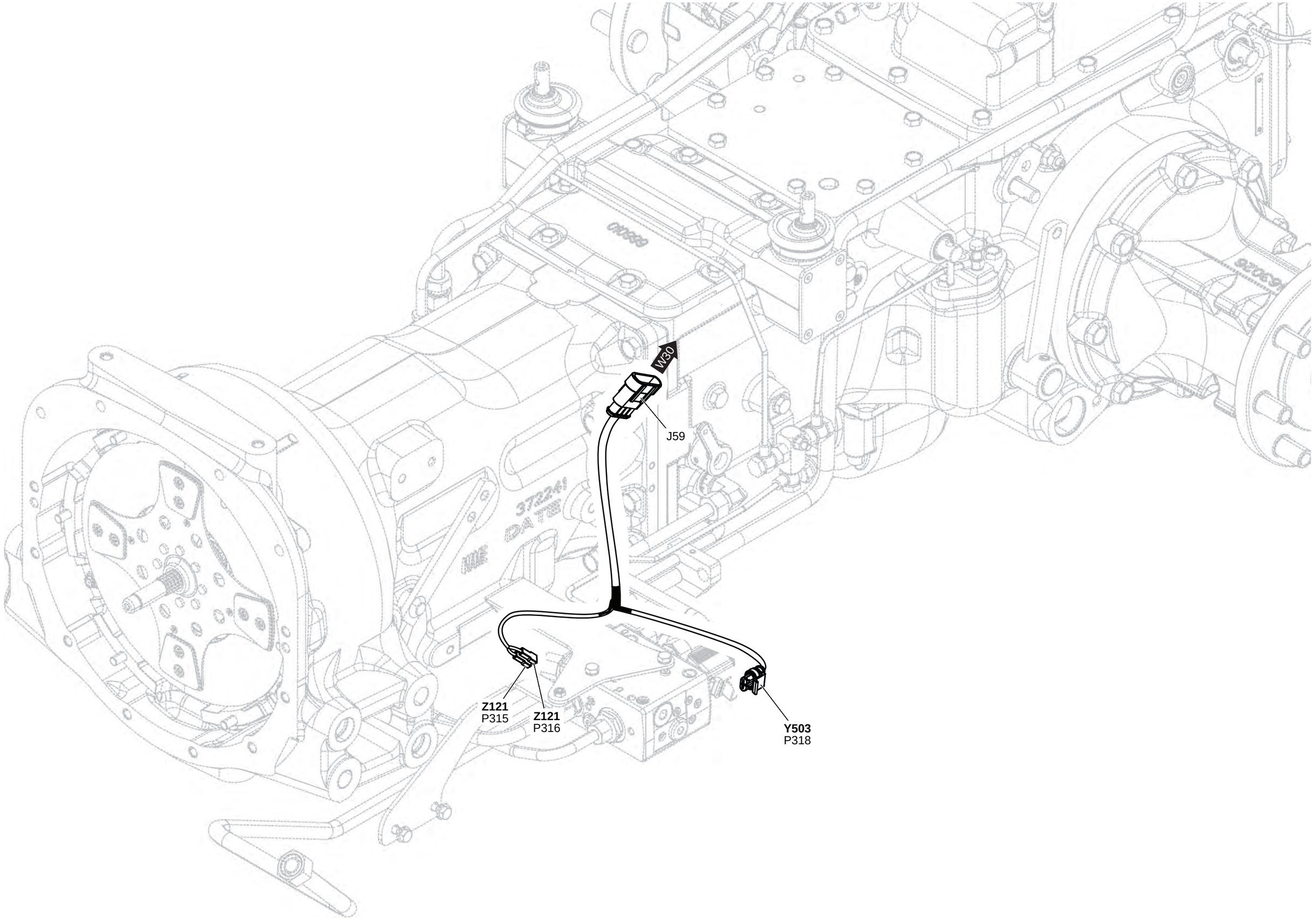

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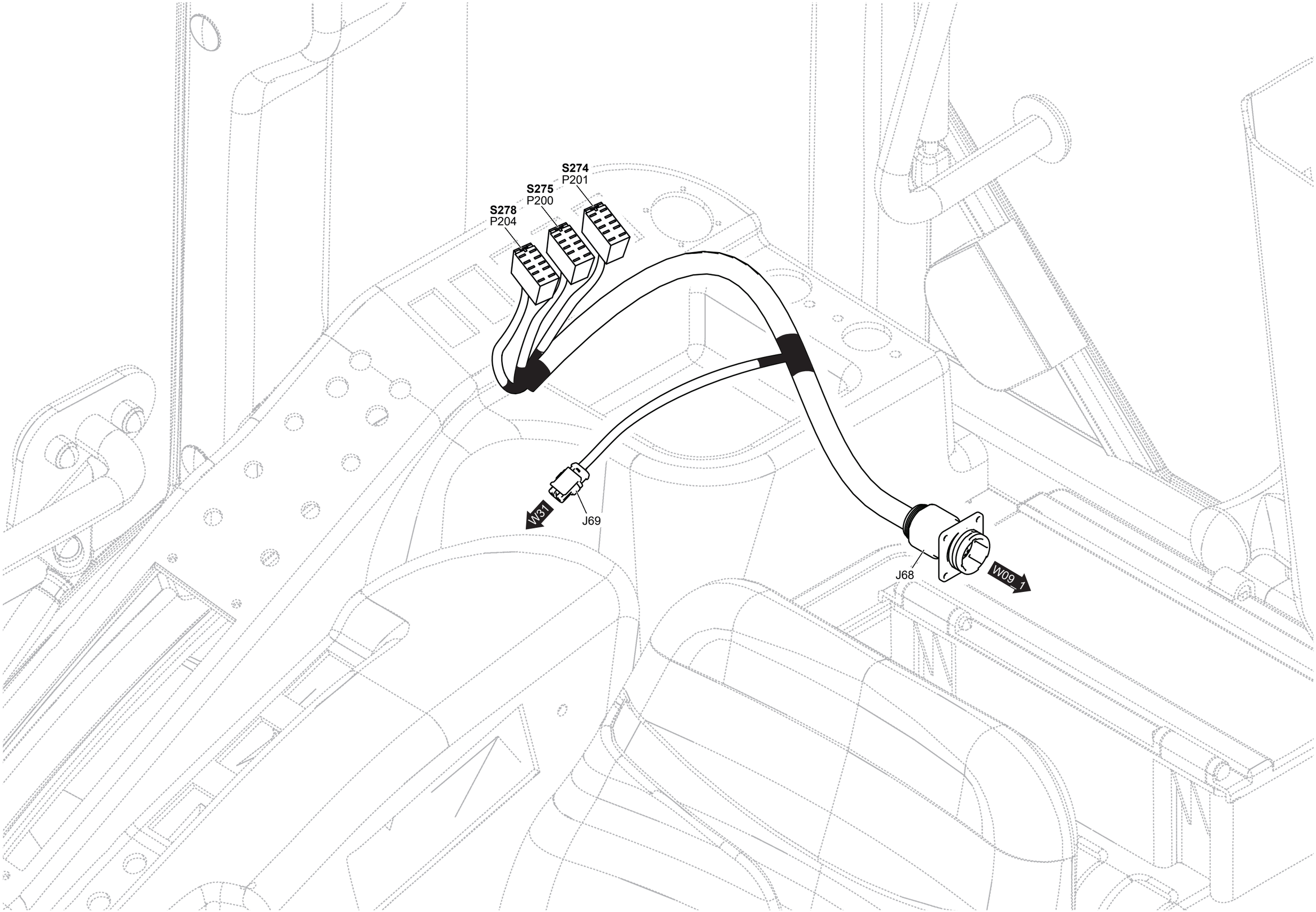

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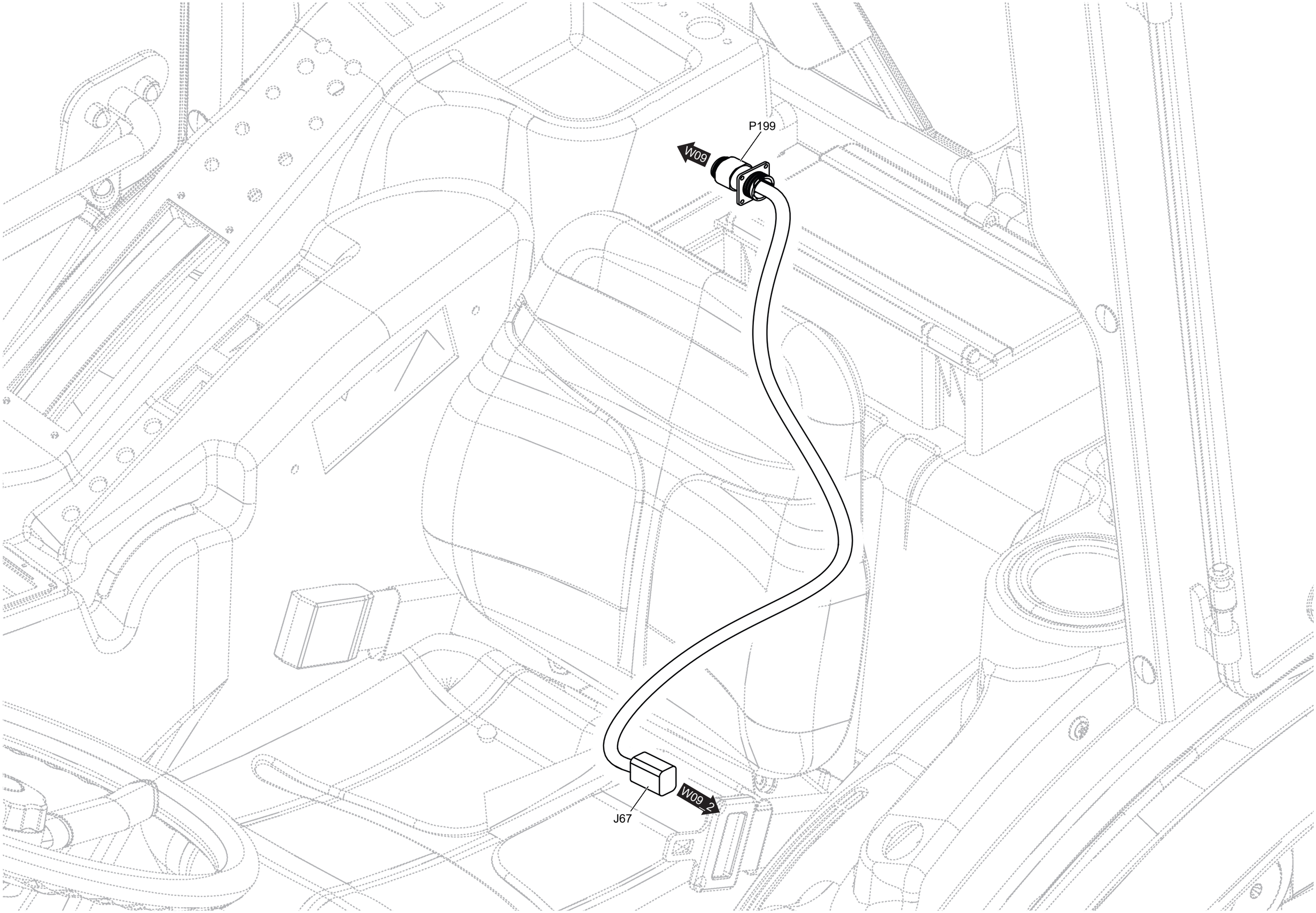

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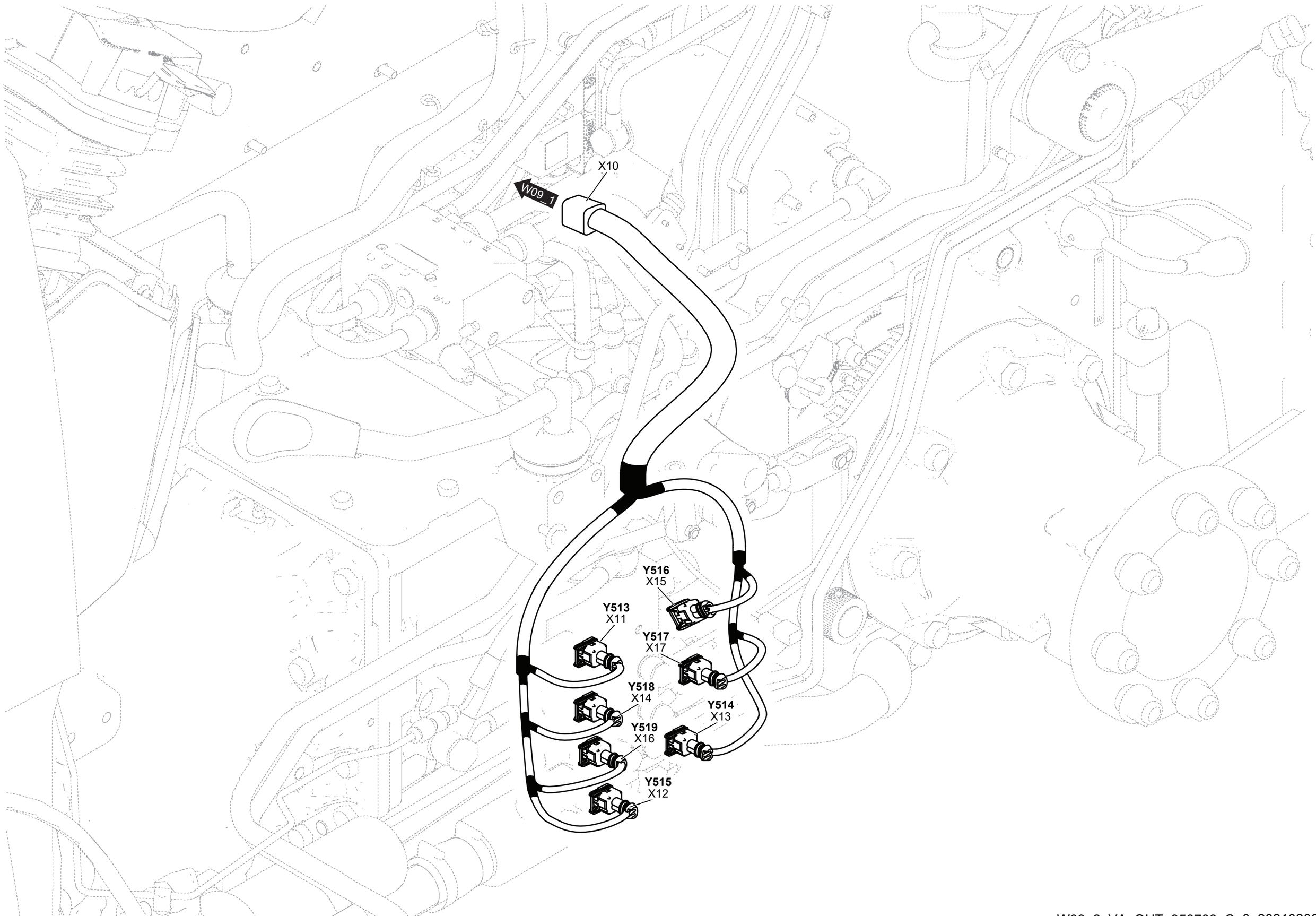

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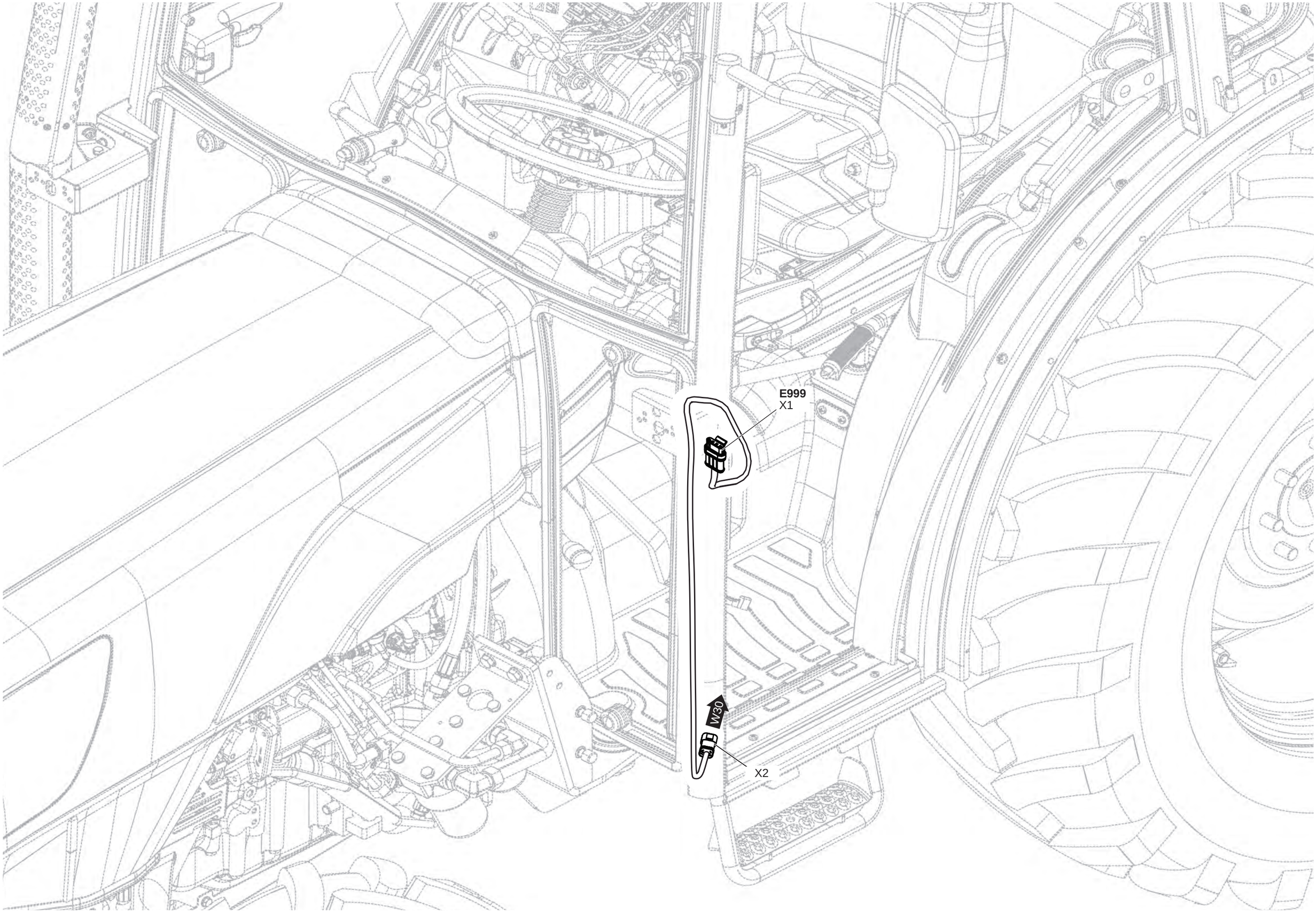

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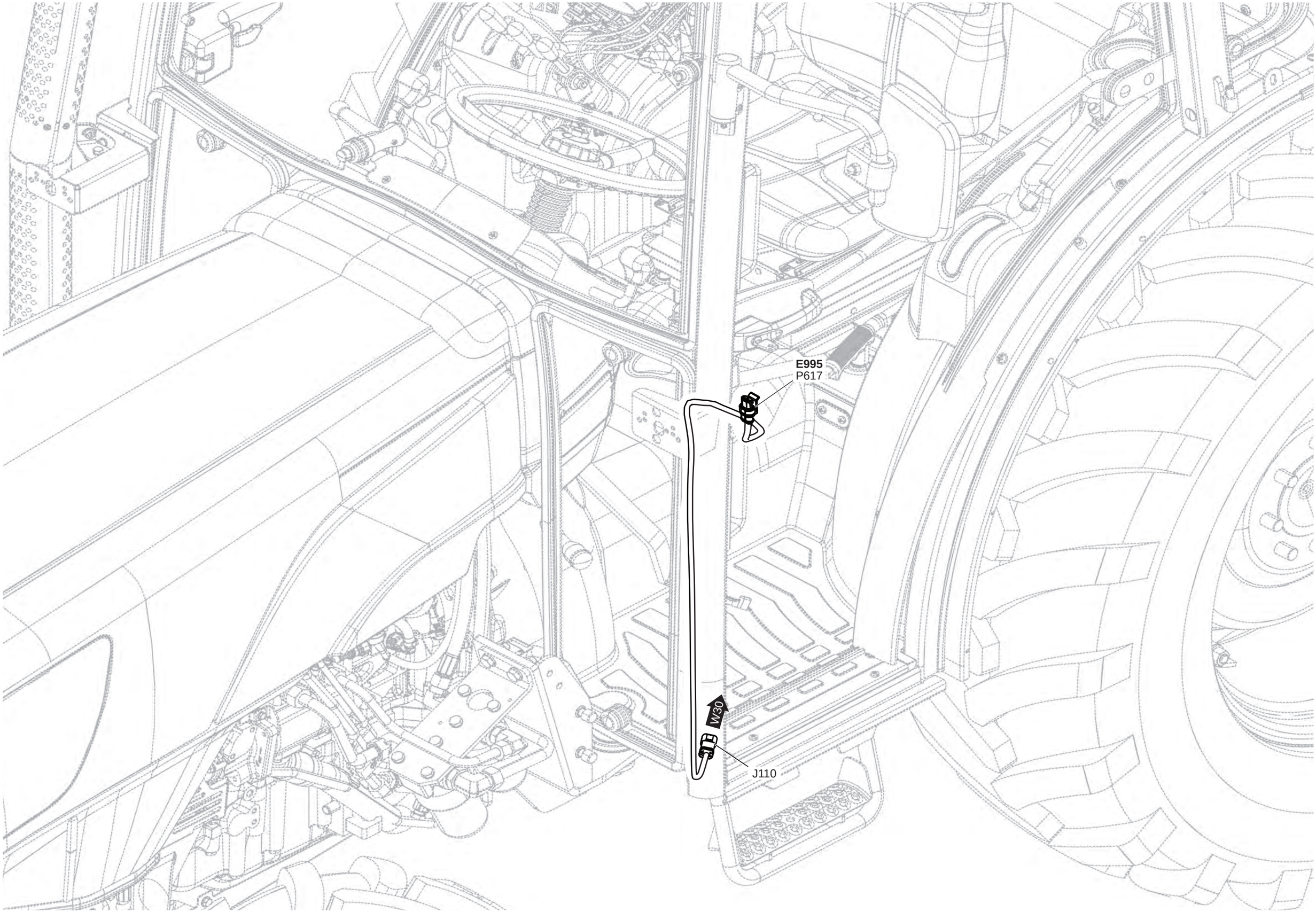

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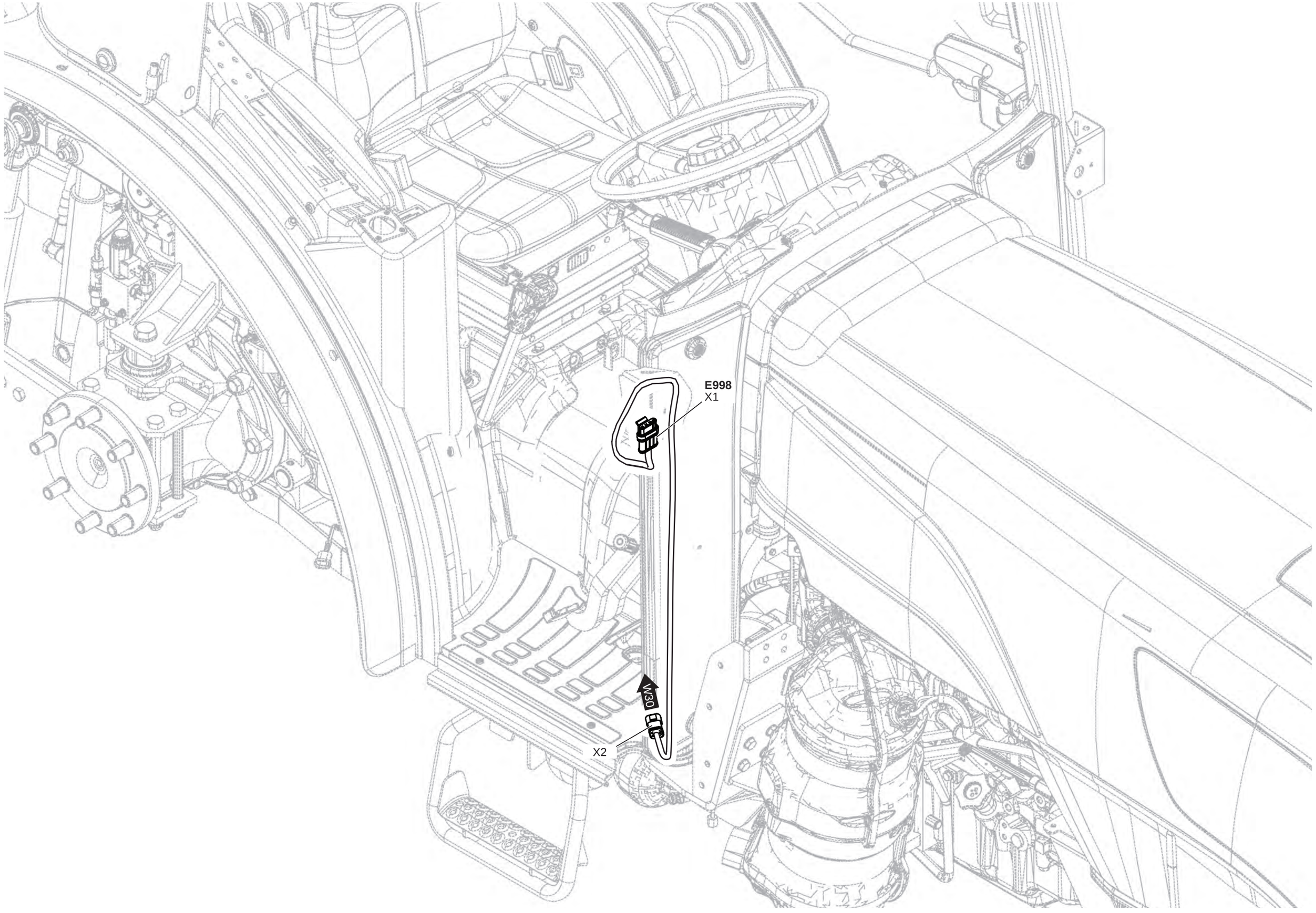

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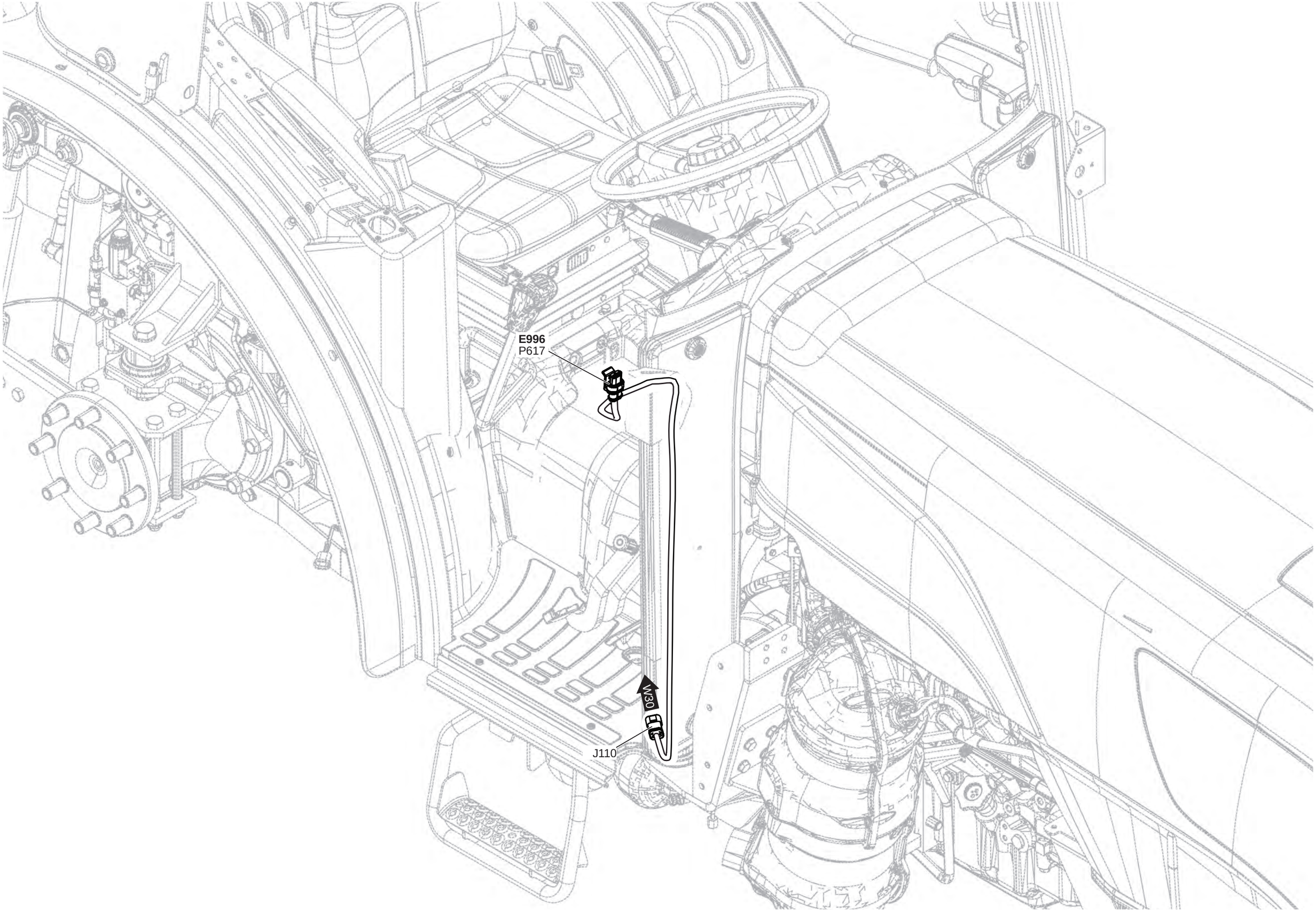

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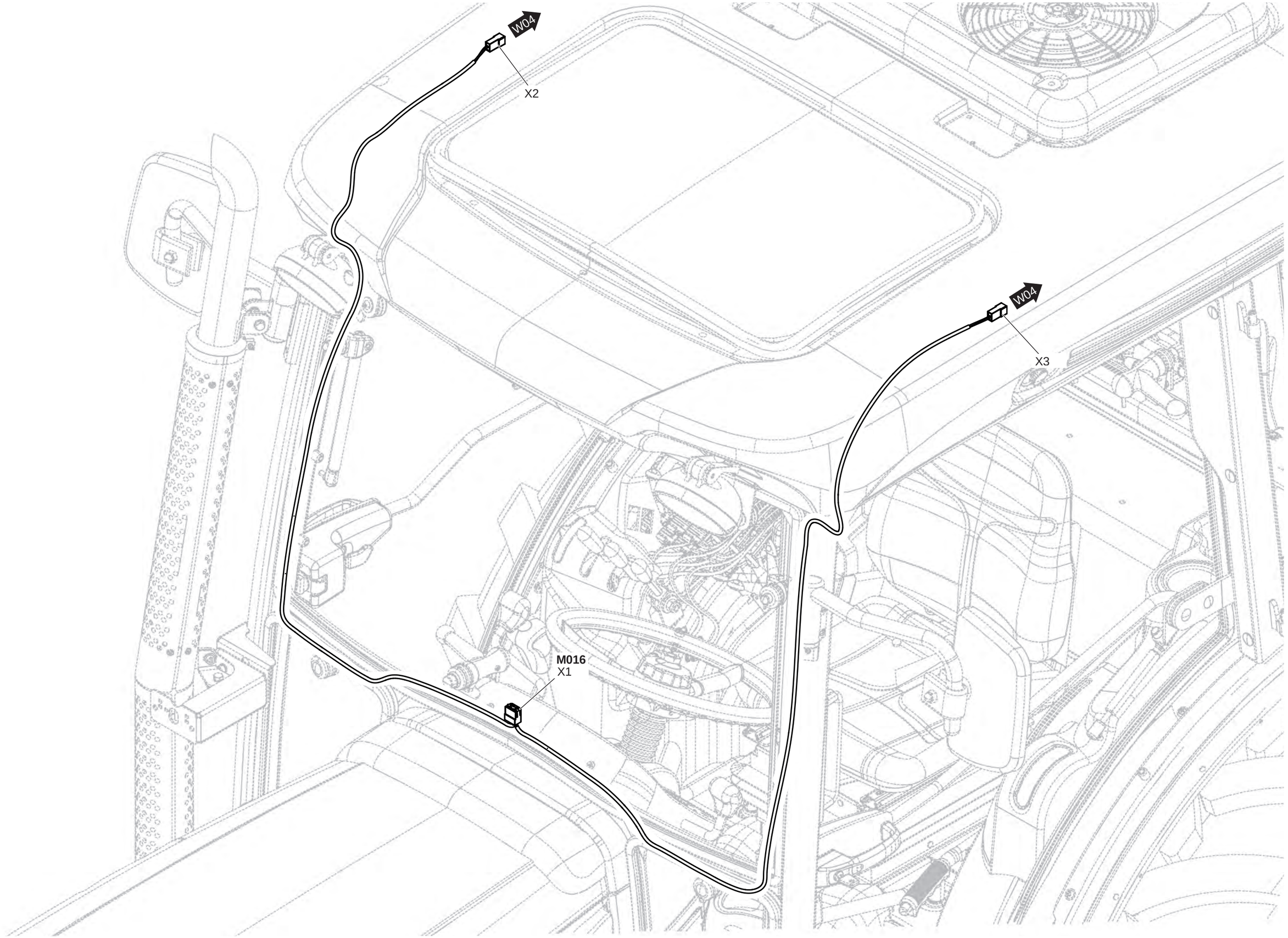

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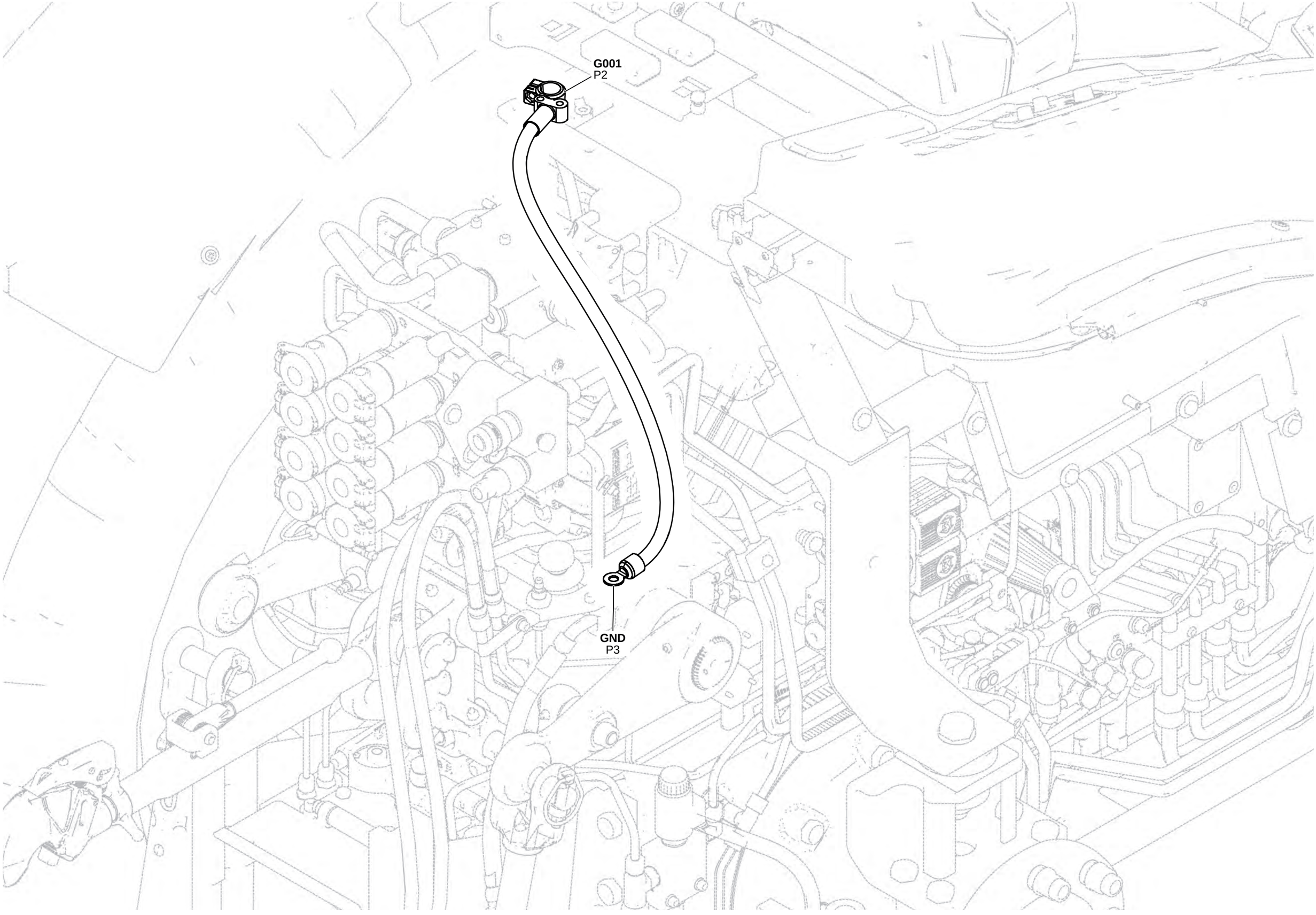

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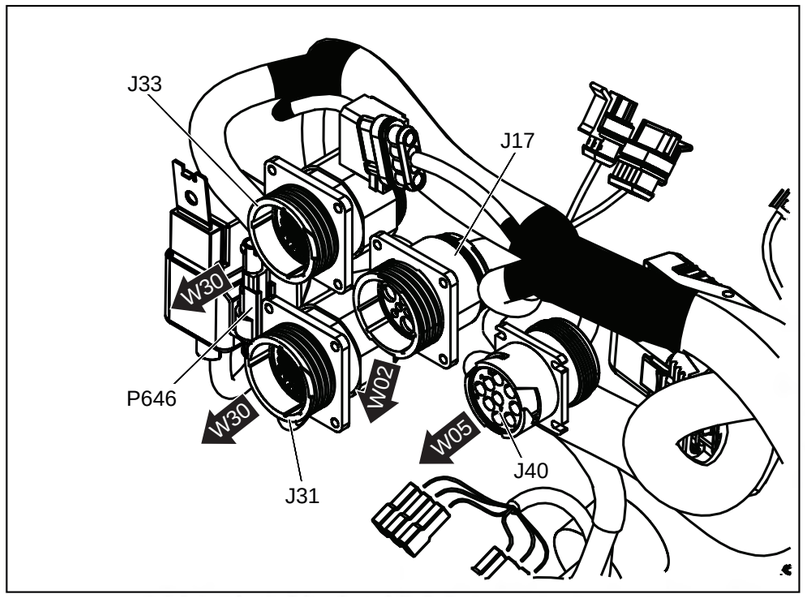

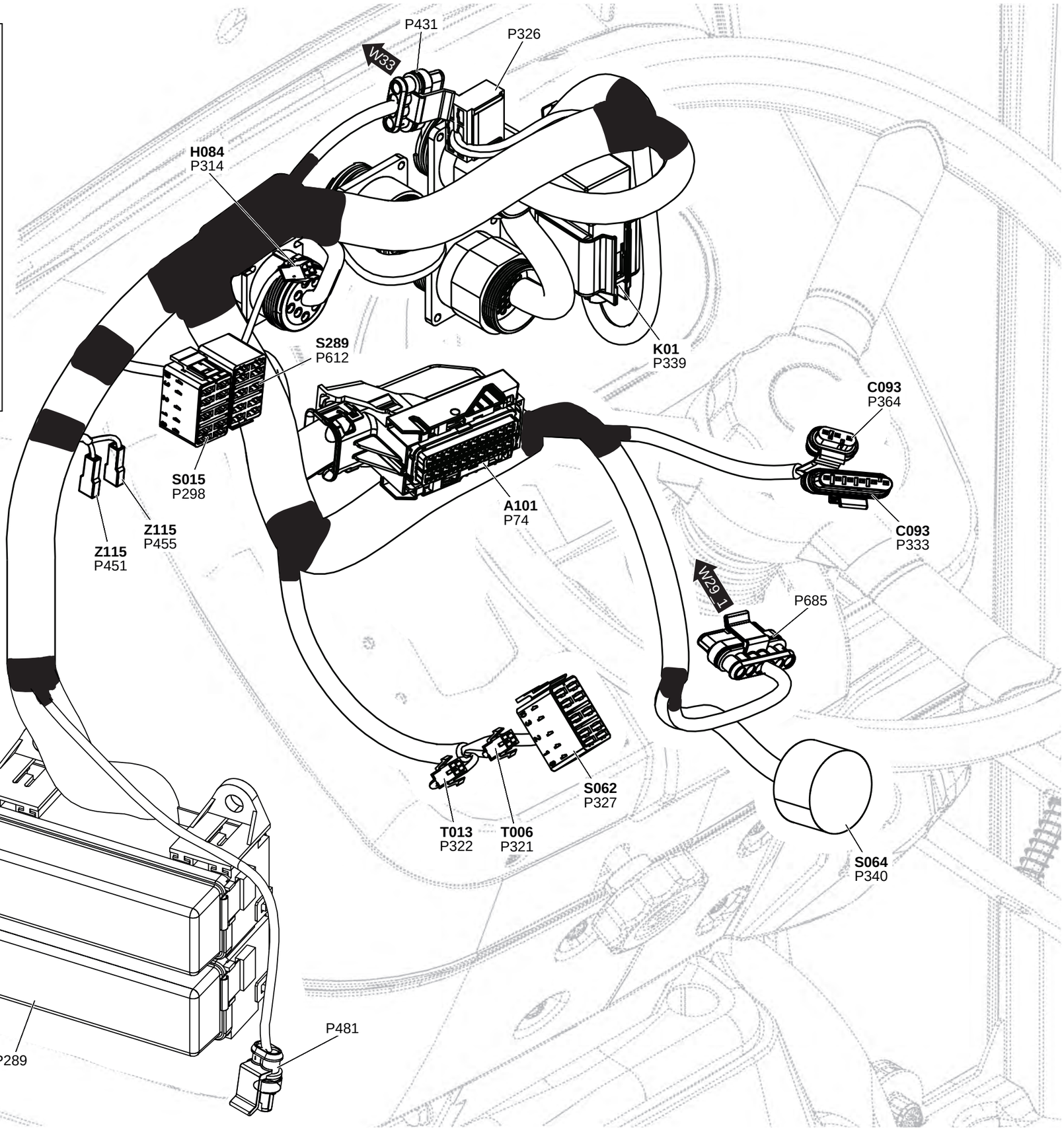

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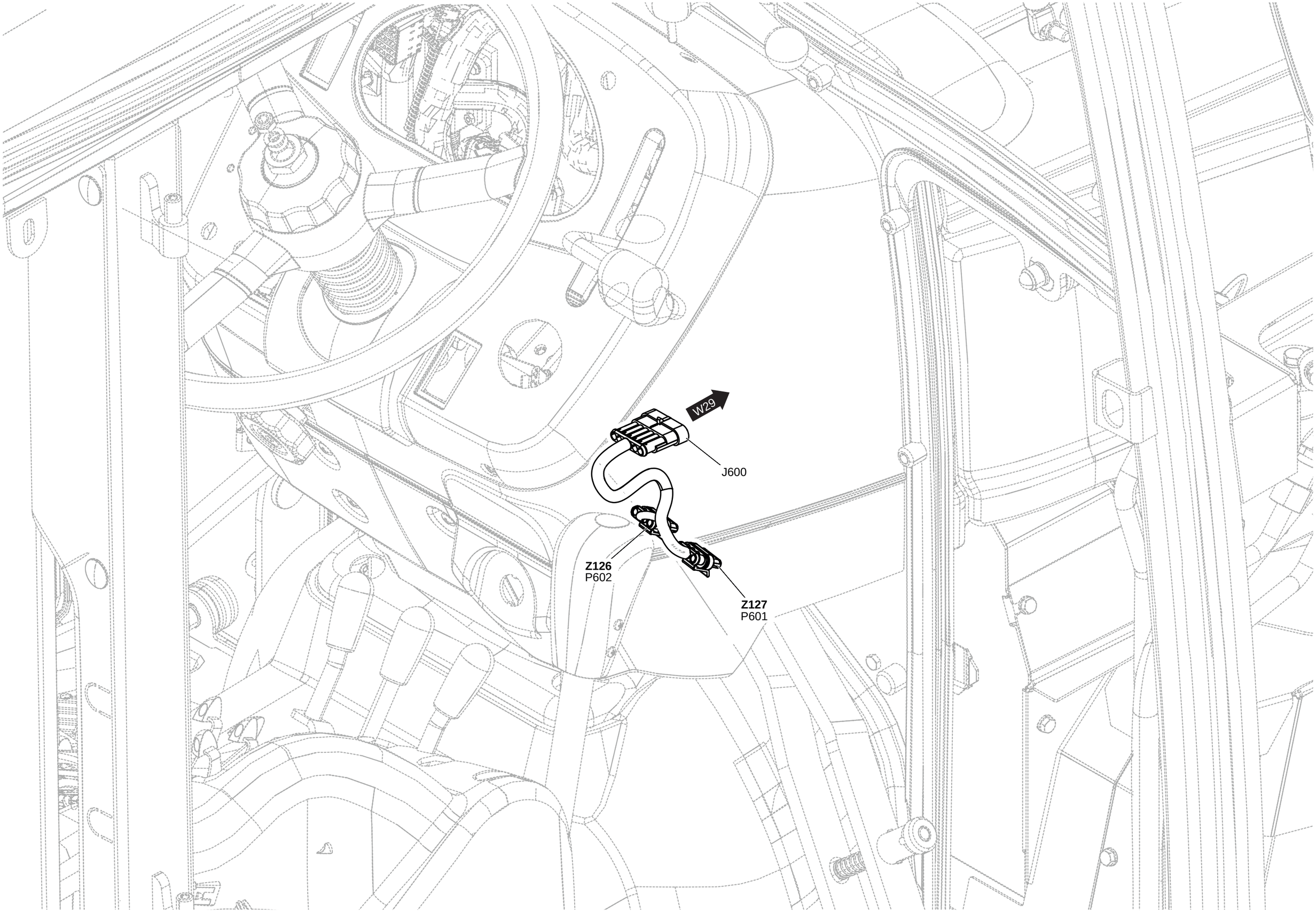

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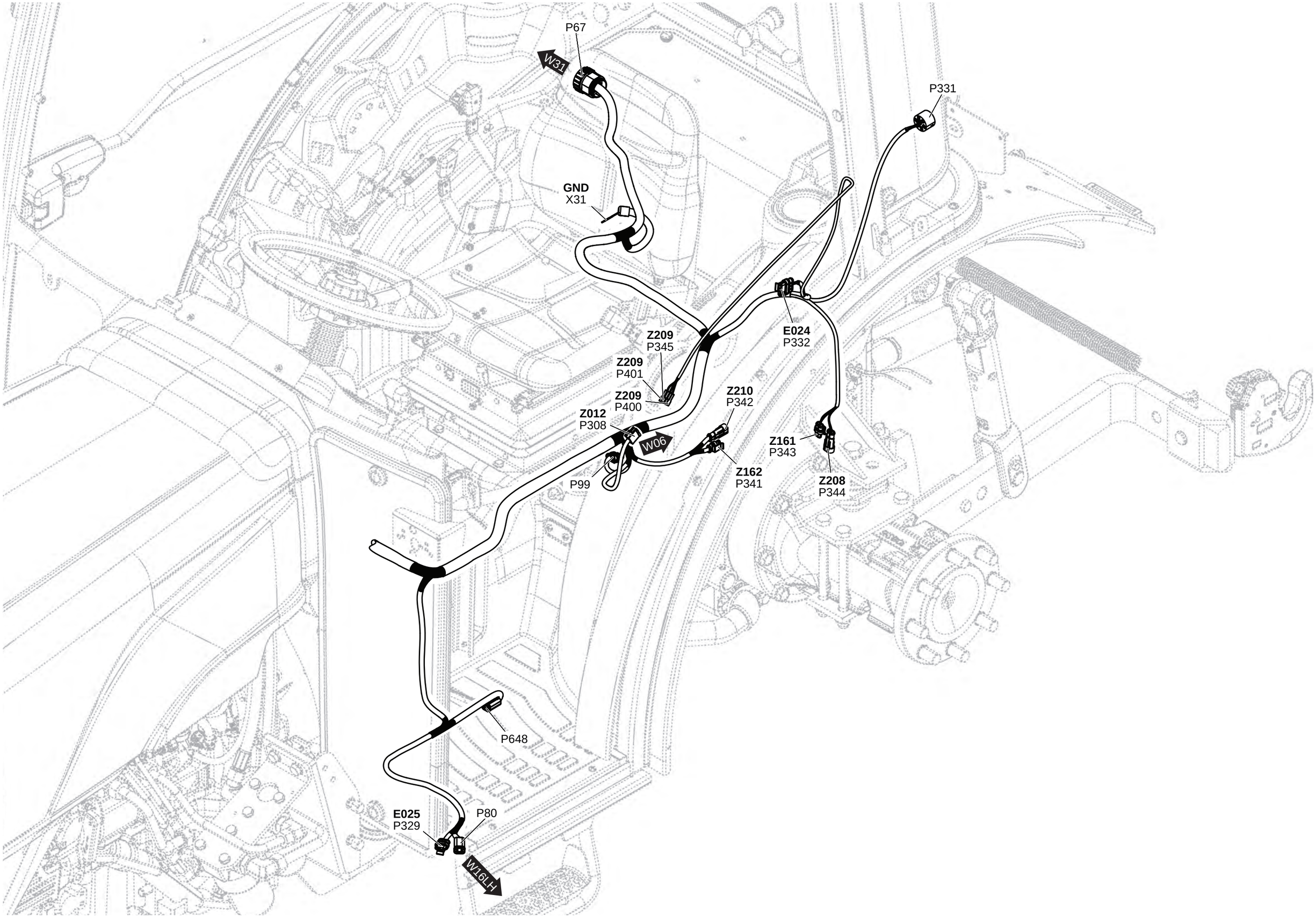

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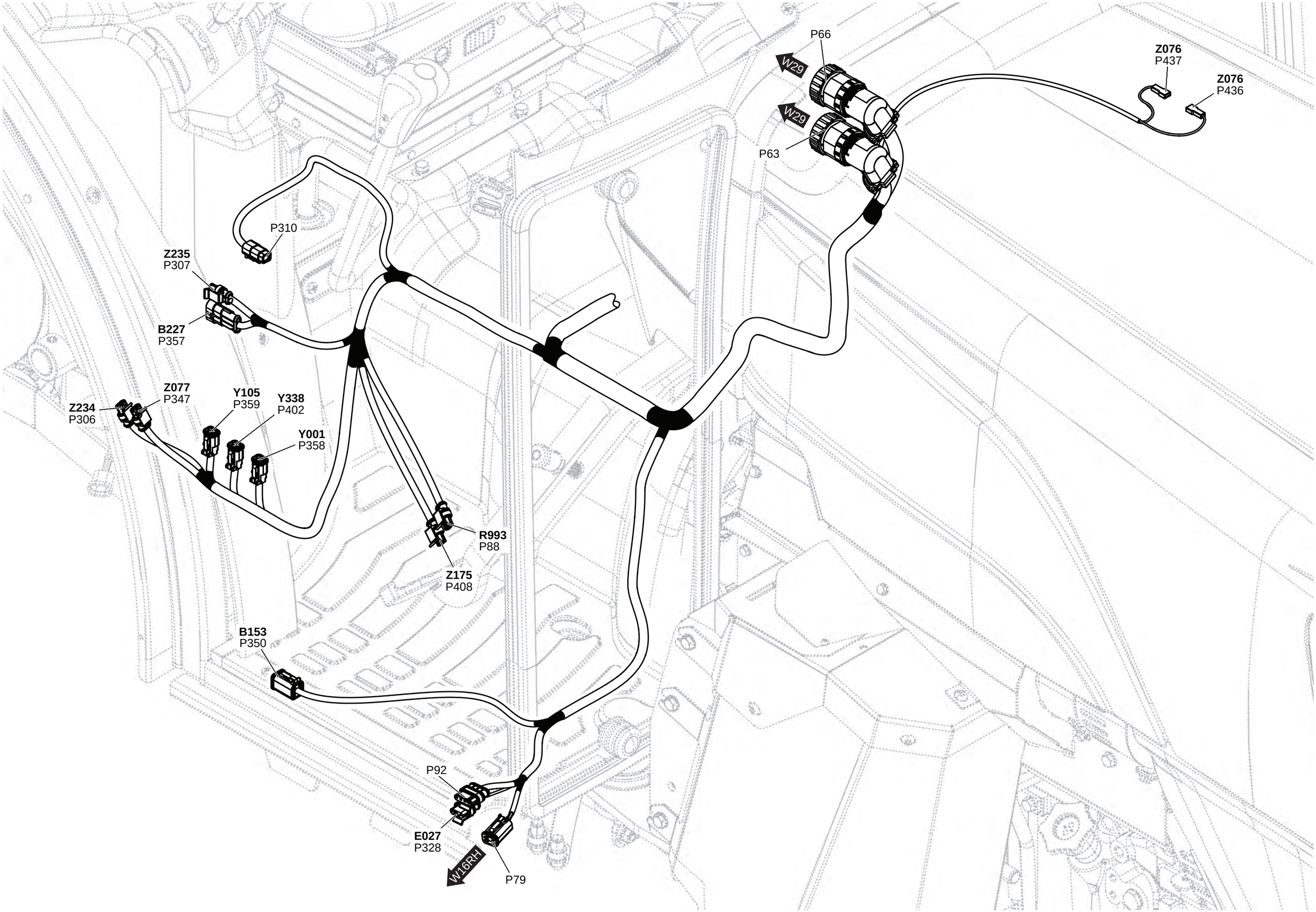

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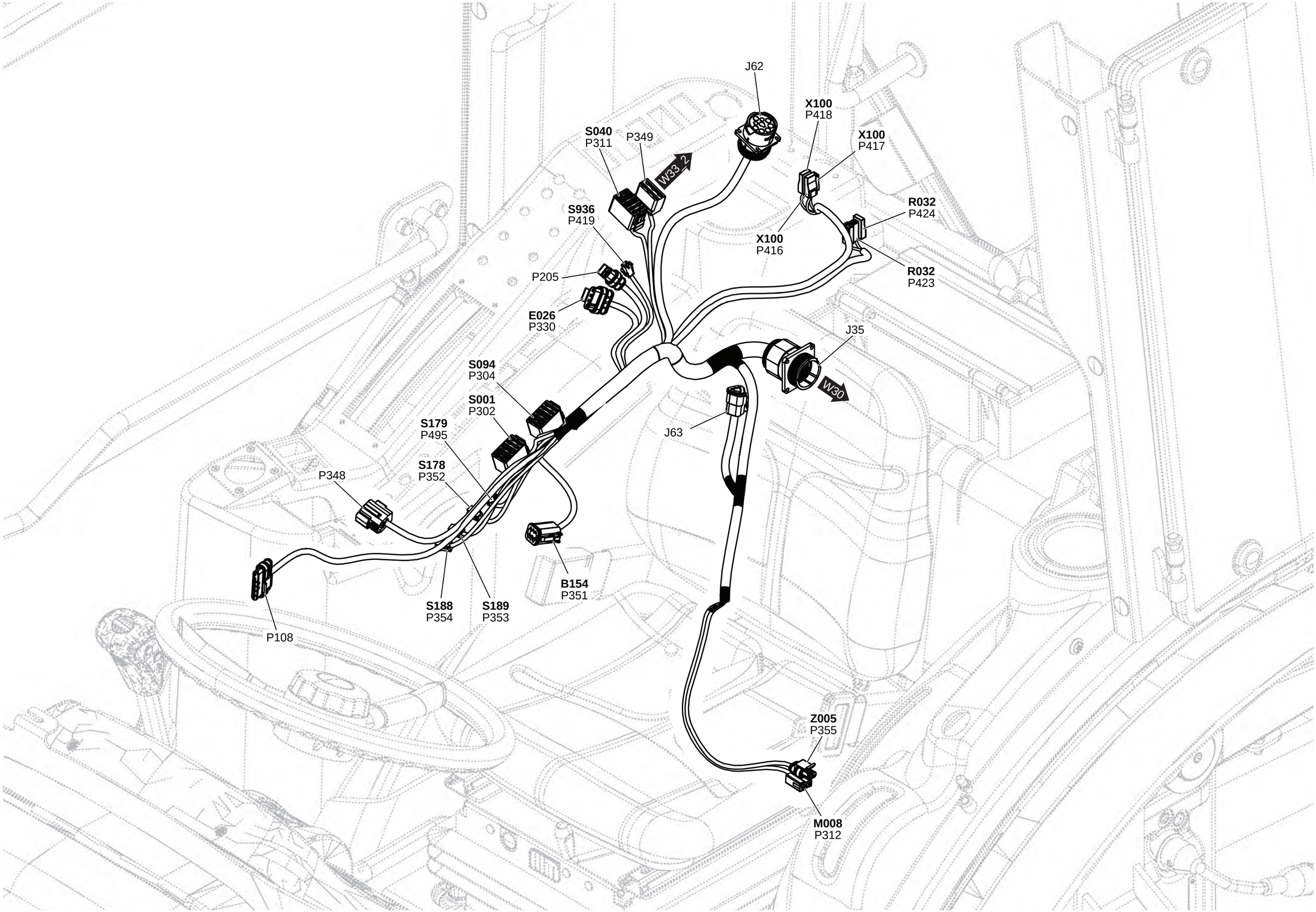

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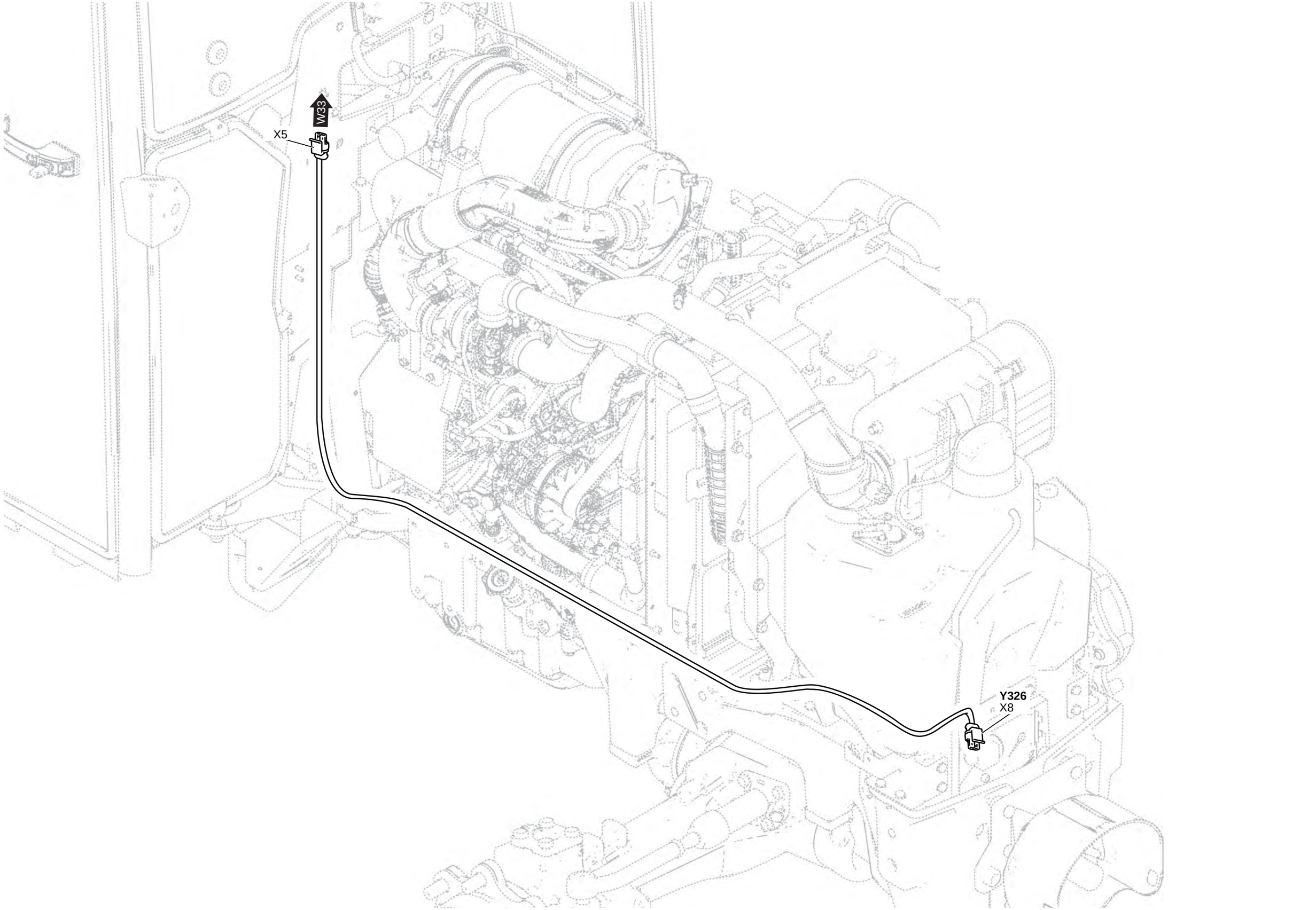

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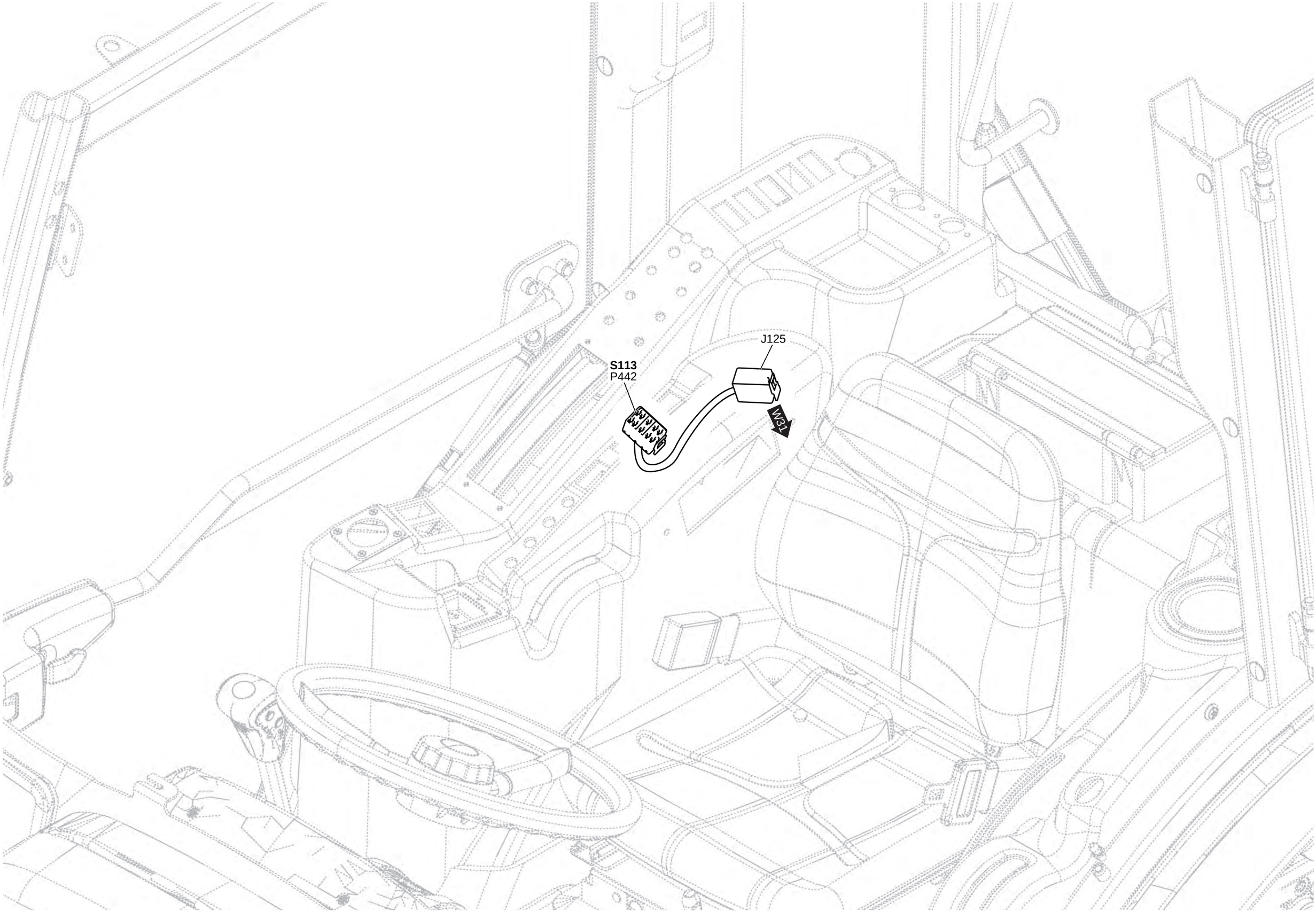

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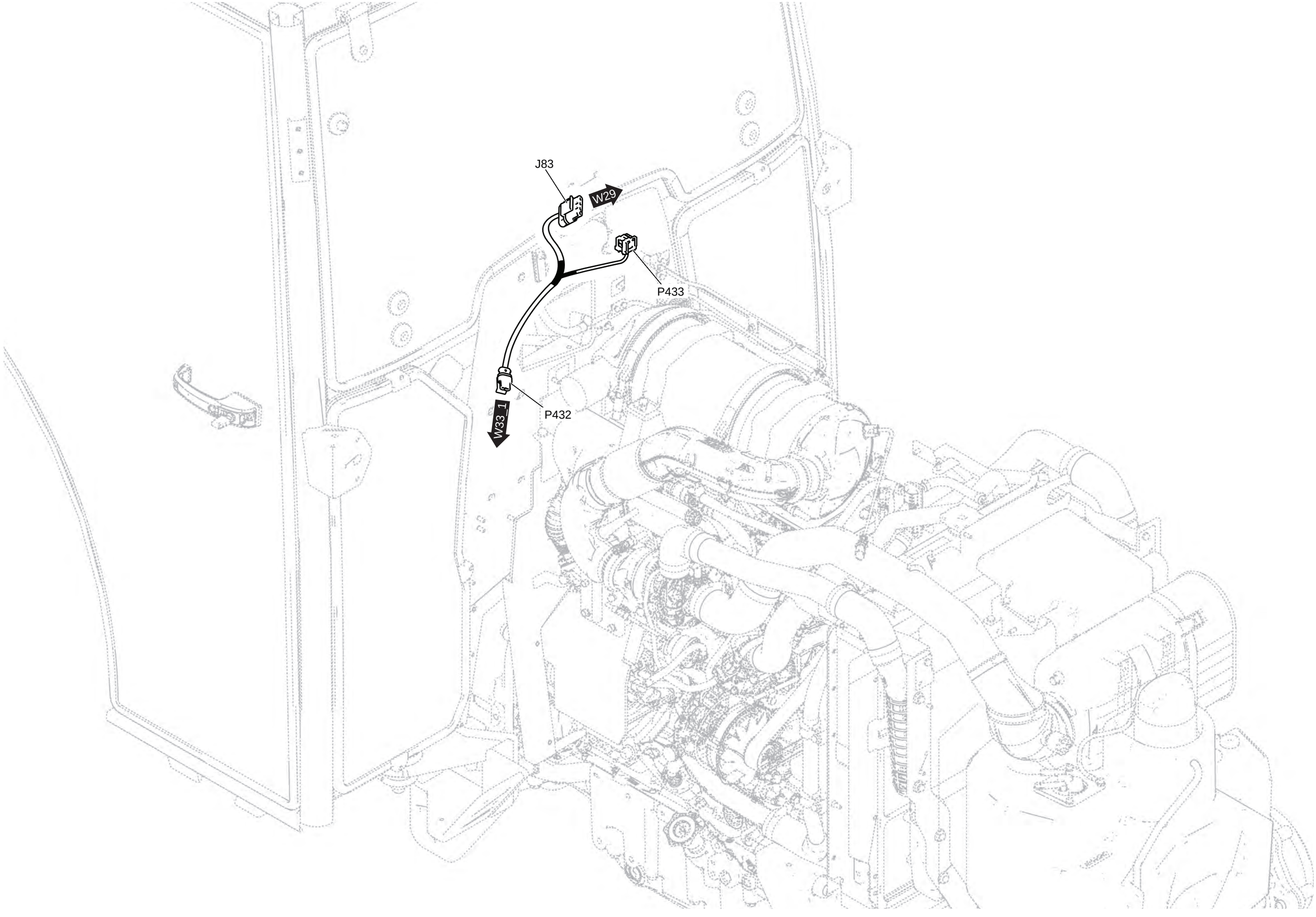

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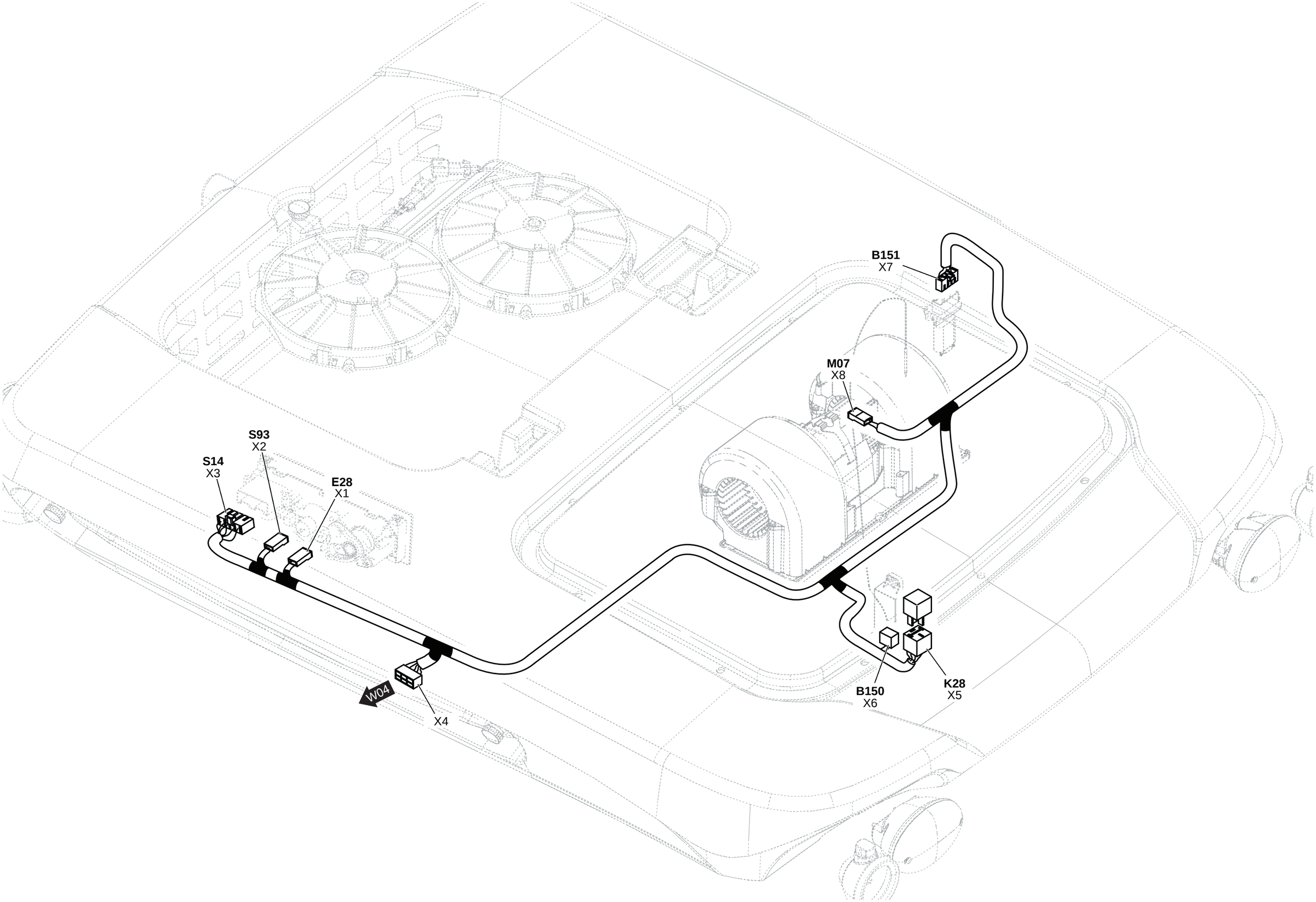

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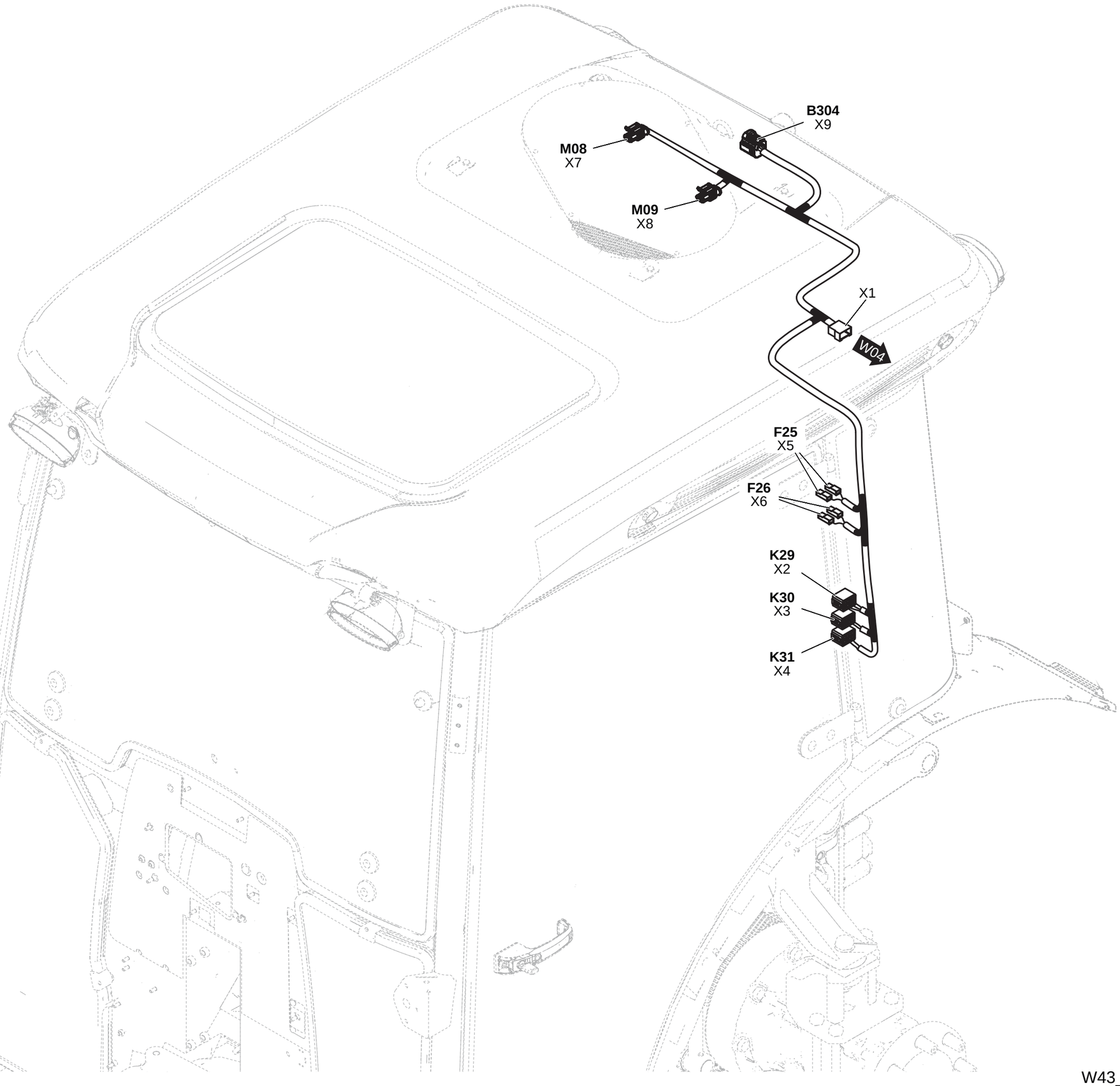

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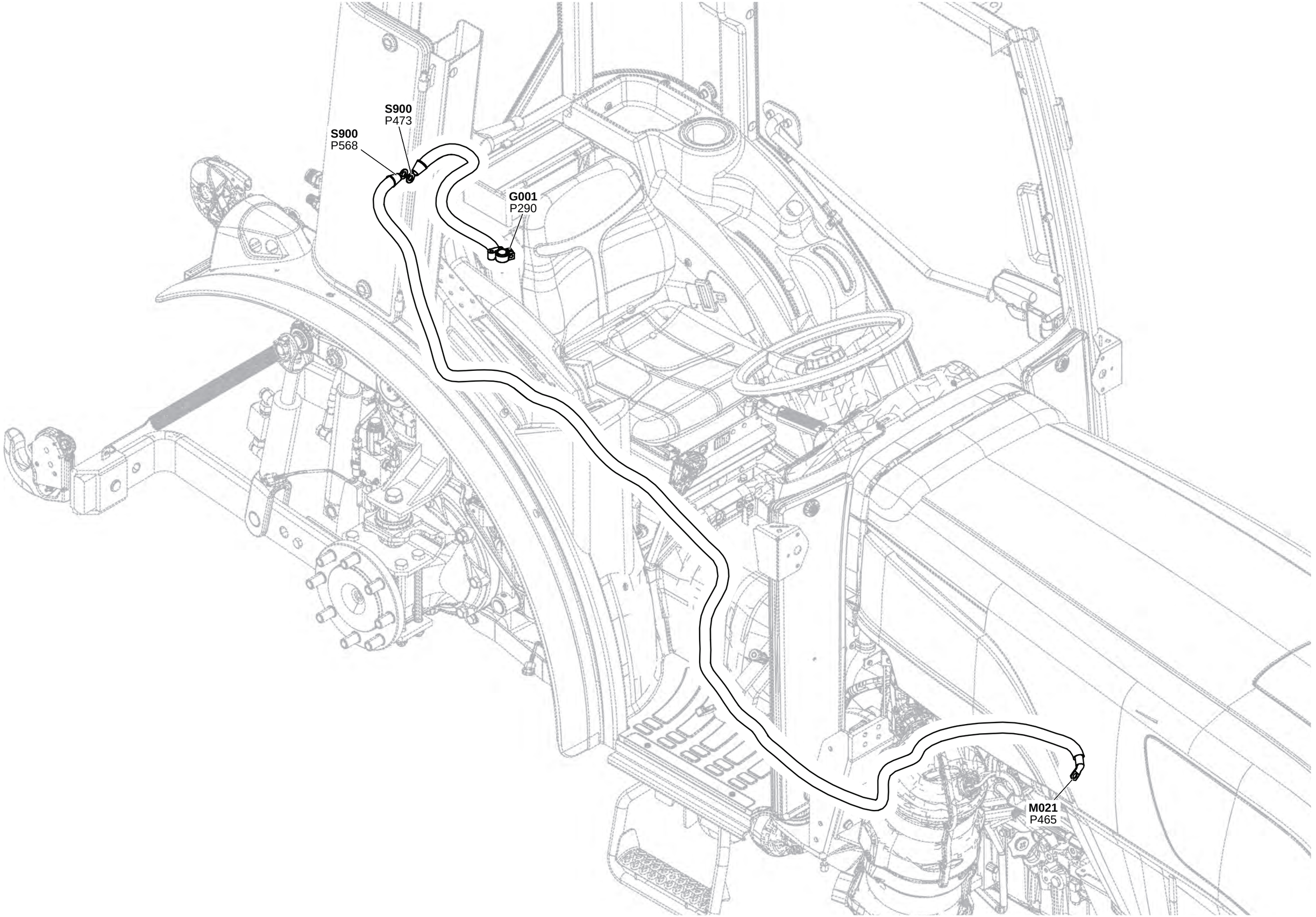

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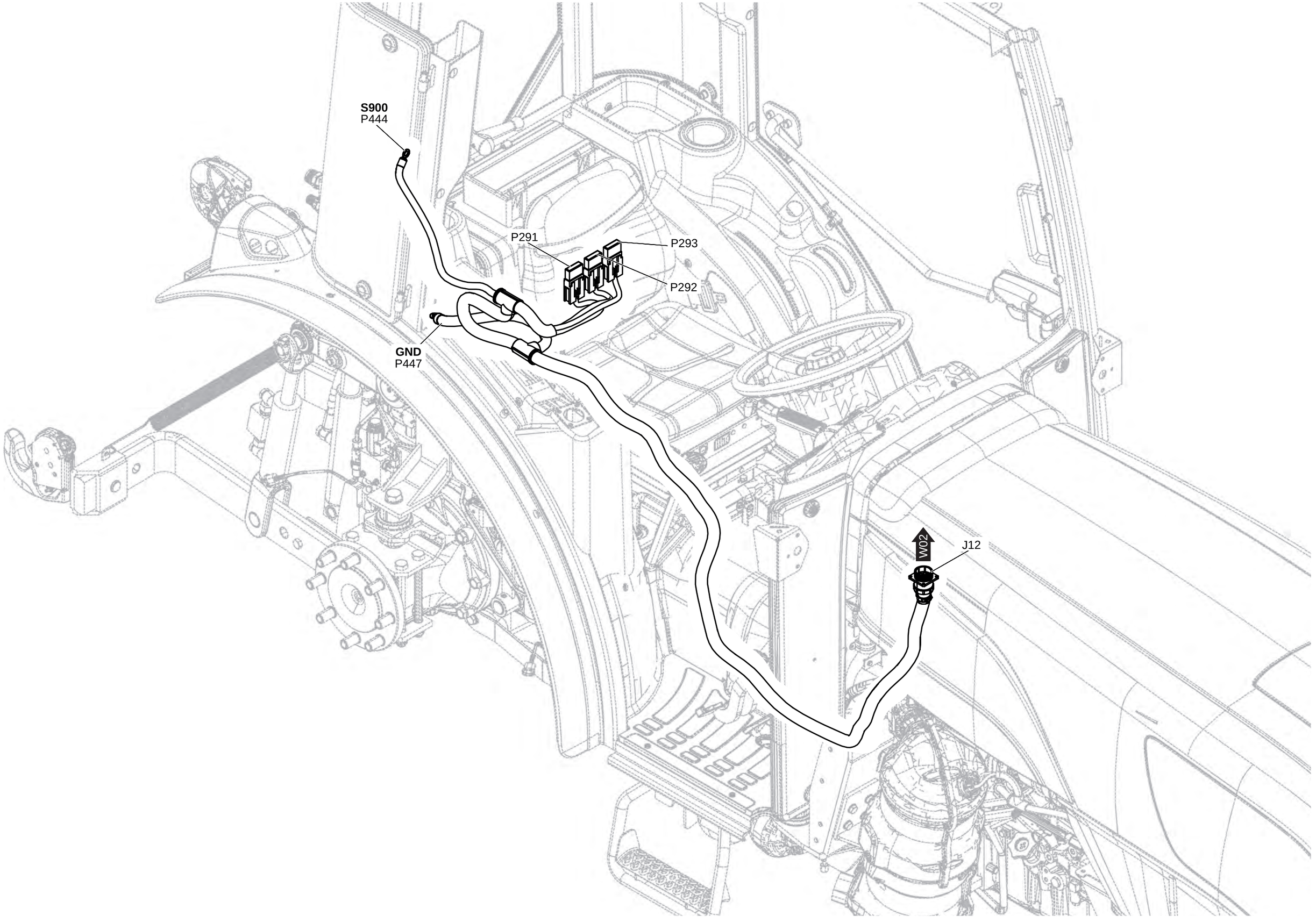

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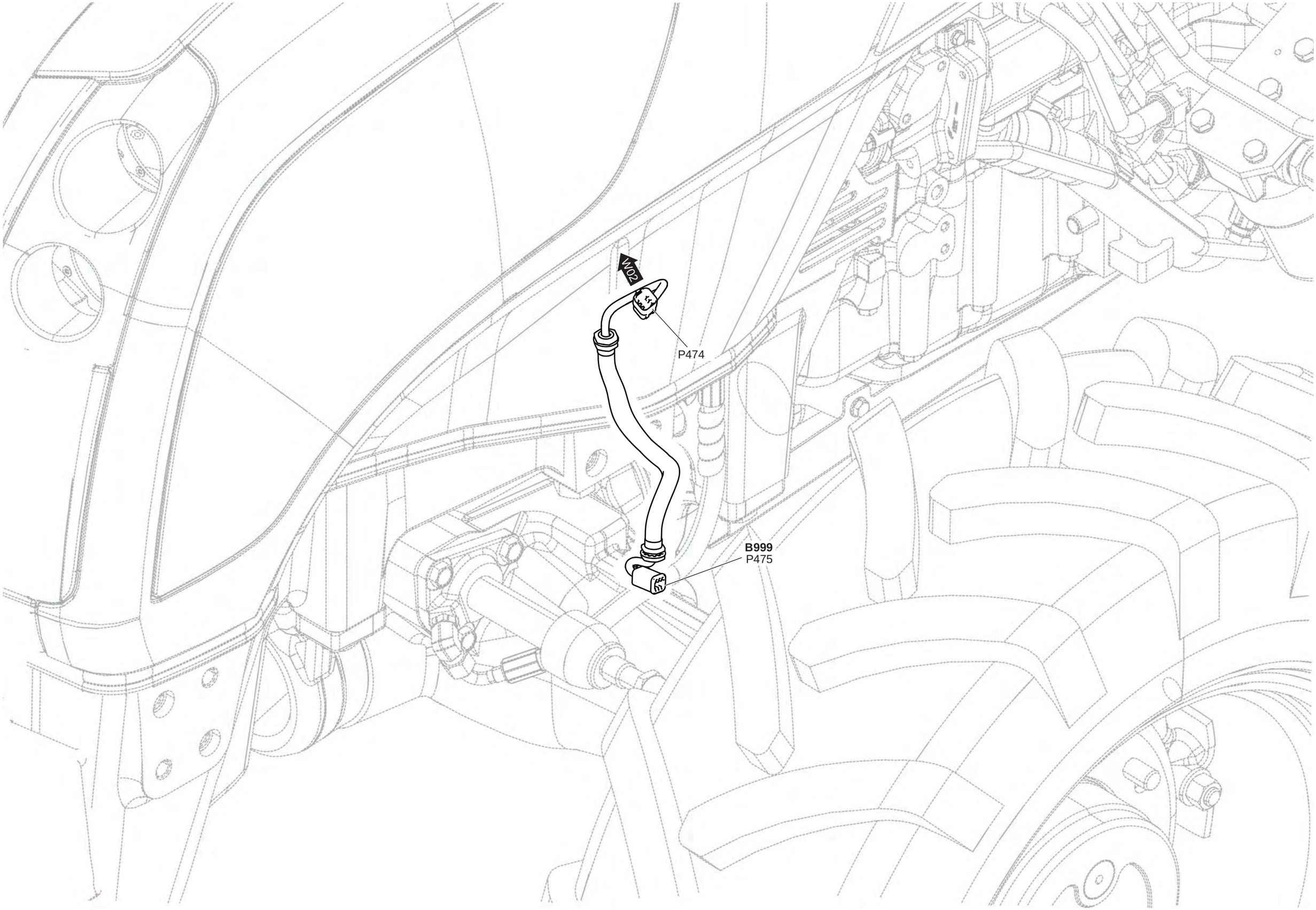

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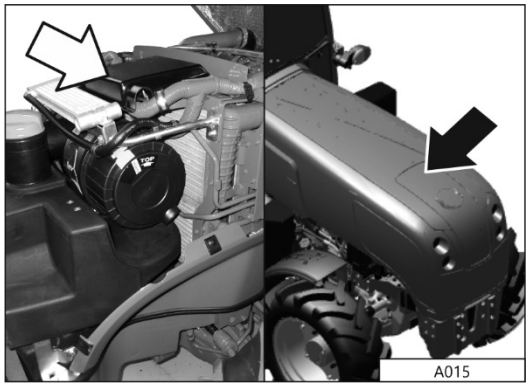
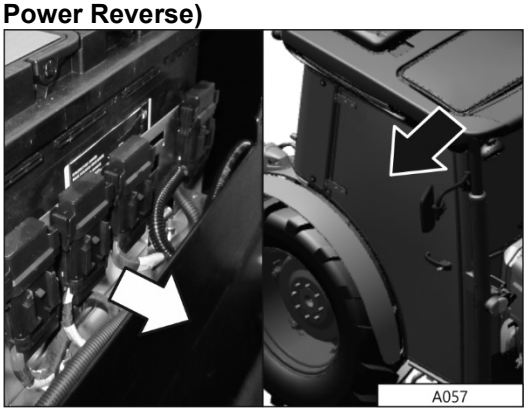
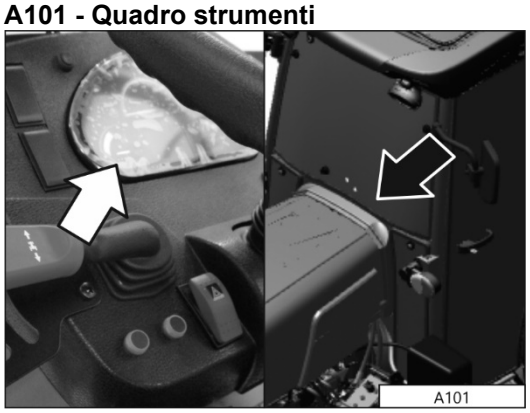
A015 - Centralina motore



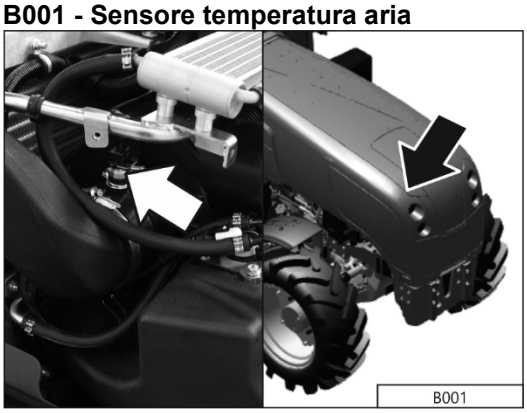
A057 - Centralina trasmissione (Versione Power Reverse)



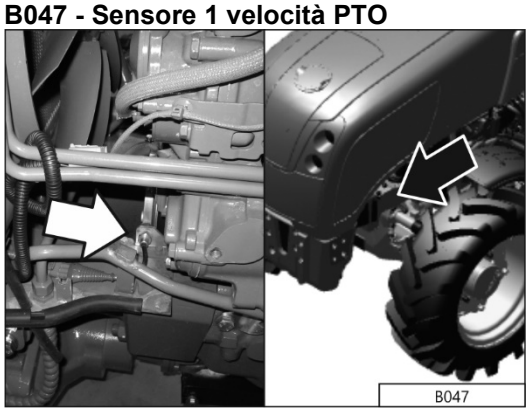
A101 - Quadro strumenti



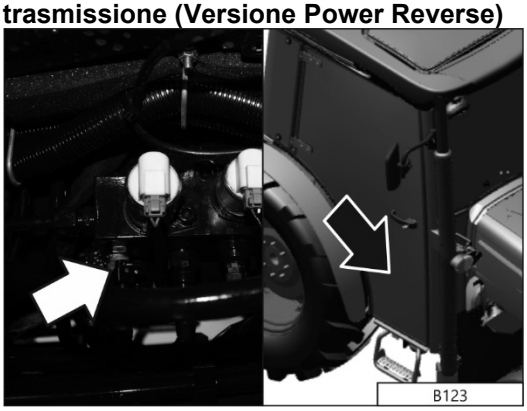
B001 - Sensore temperatura aria



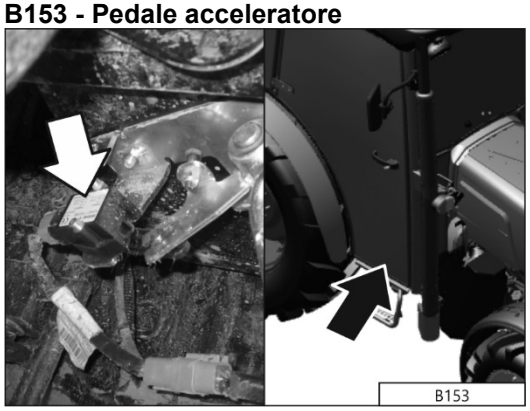
B047 - Sensore 1 velocità PTO



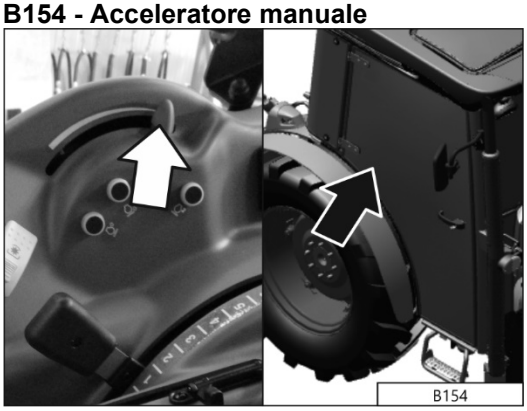
B123 - Sensore temperatura olio trasmissione (Versione Power Reverse)



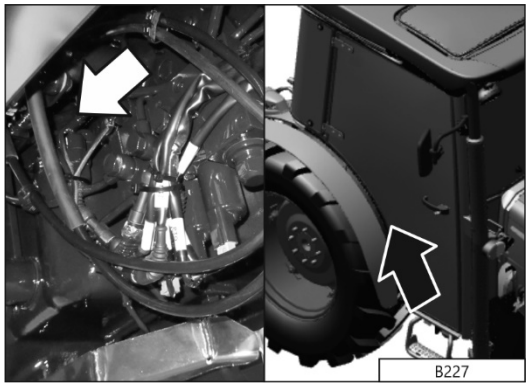
B153 - Pedale acceleratore



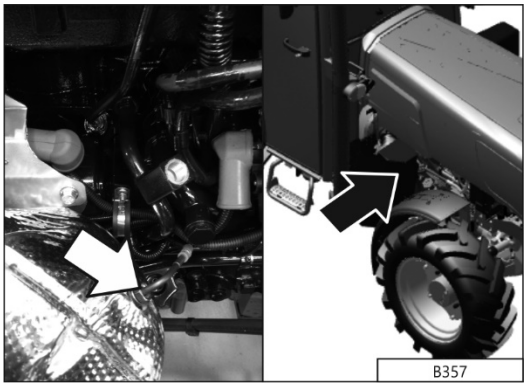
B154 - Acceleratore manuale



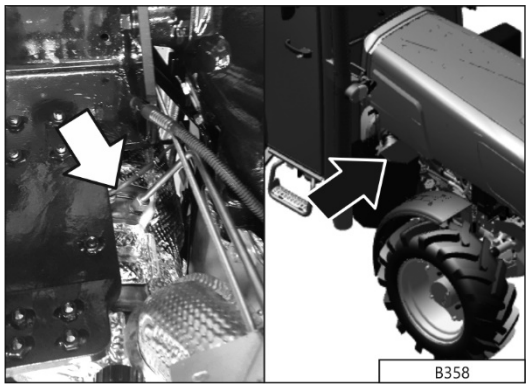
B227 - Sensore velocità veicolo



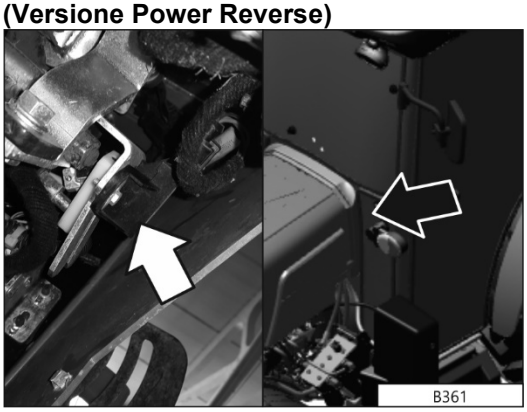
B357 - Sensore 1 temperatura gas di scarico



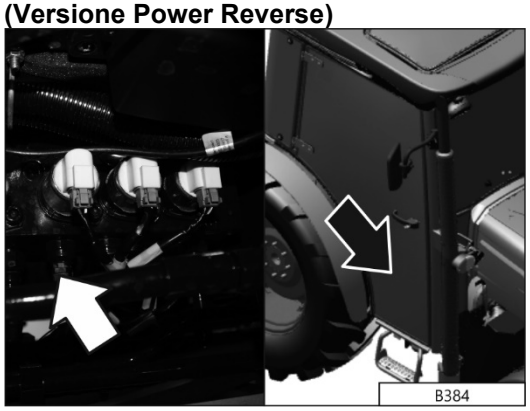
B358 - Sensore 2 temperatura gas di scarico



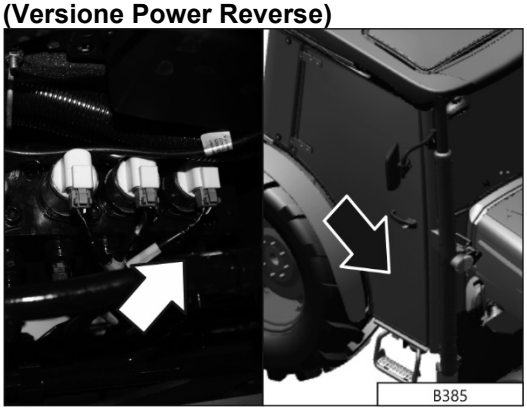
B361 - Sensore posizione pedale frizione (Versione Power Reverse)



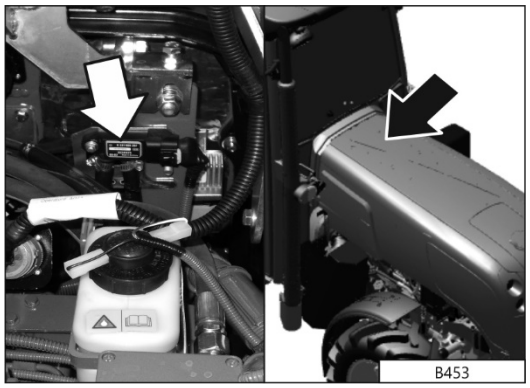
B384 - Sensore pressione marcia alta (Versione Power Reverse)



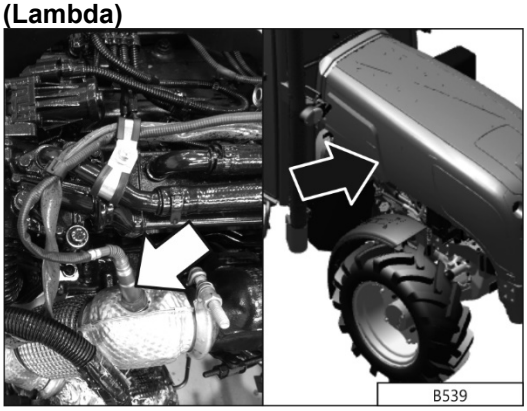
B385 - Sensore pressione marcia bassa (Versione Power Reverse)



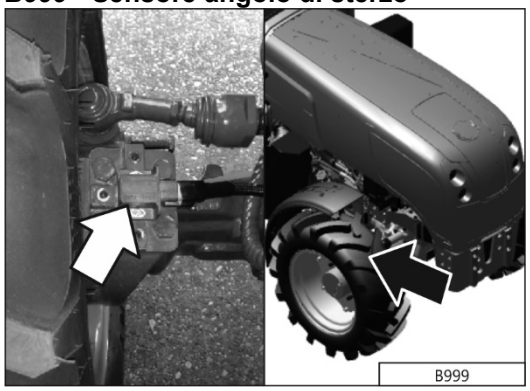
B453 - Sensore differenziale di pressione DPF



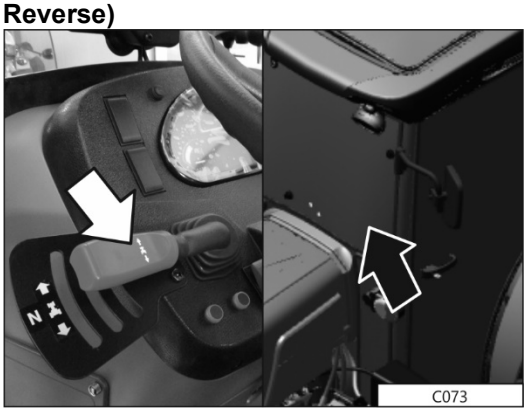
B539 - Sensore quantità di ossigeno (Lambda)



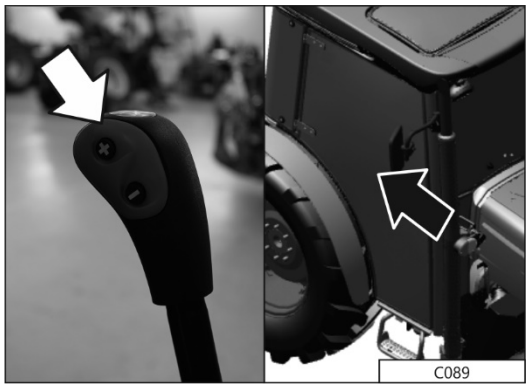
B999 - Sensore angolo di sterzo



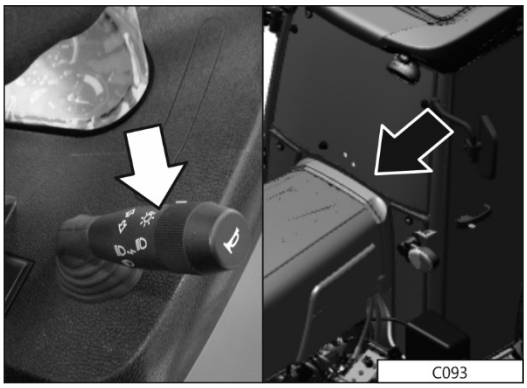
C073 - Leva inversore (Versione Power Reverse)



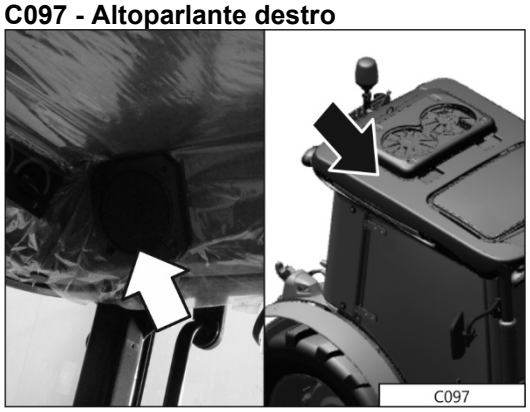
C089 - Leva funzione HI-LO



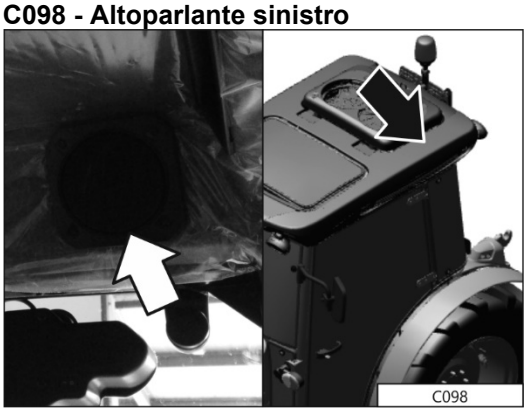
C093 - Leva indicatori di direzione



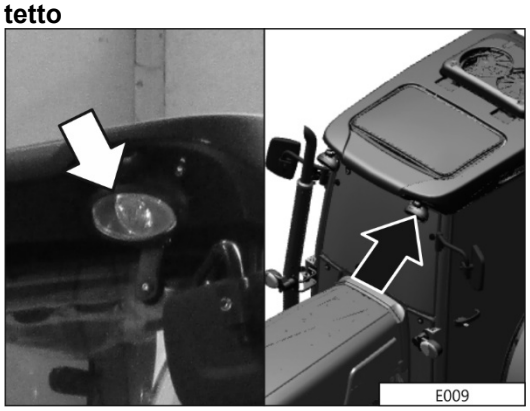
C097 - Altoparlante destro



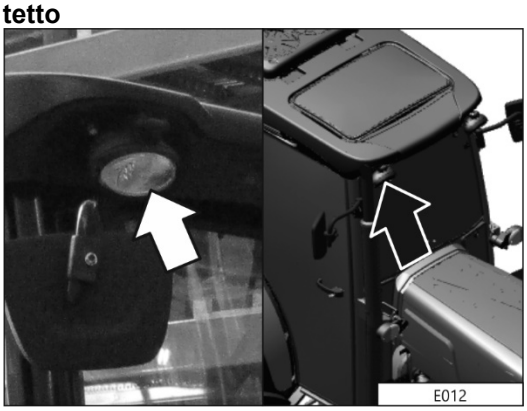
C098 - Altoparlante sinistro



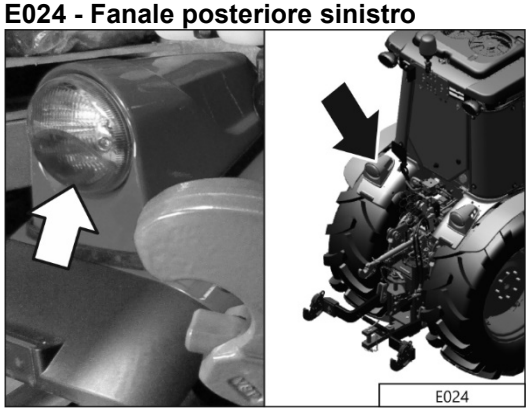
E009 - Luce di lavoro anteriore sinistra su tetto



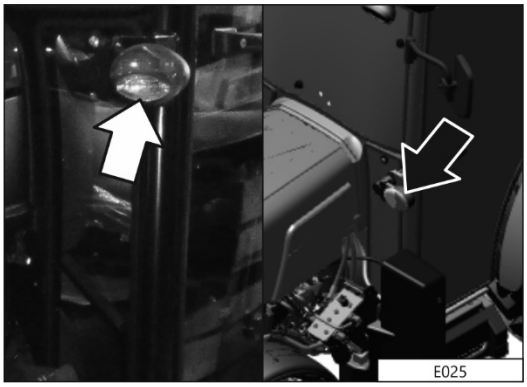
E012 - Luce di lavoro anteriore destra su tetto



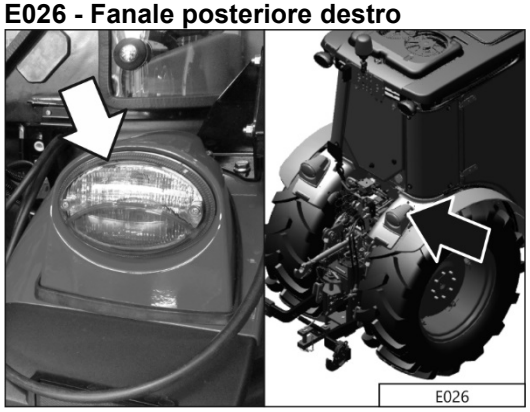
E024 - Fanale posteriore sinistro



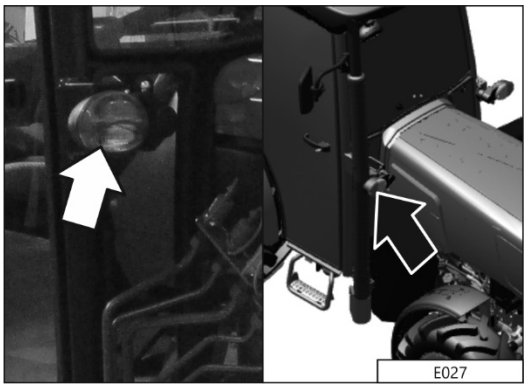
E025 - Luce corrimano sinistro



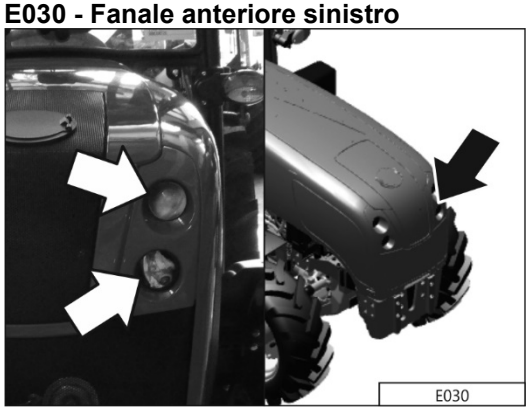
E026 - Fanale posteriore destro



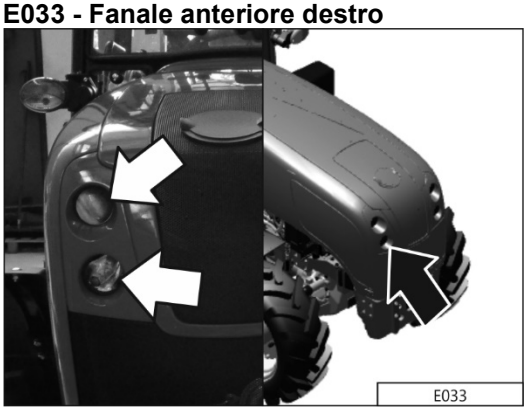
E027 - Luce corrimano destro



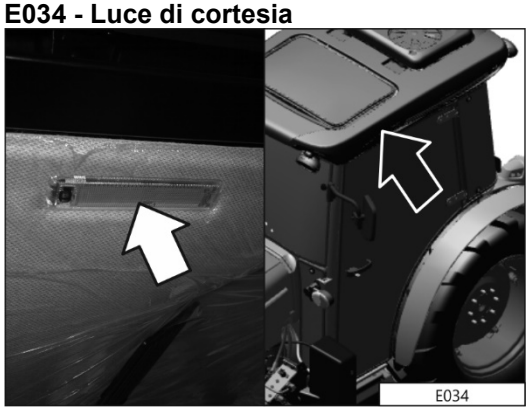
E030 - Fanale anteriore sinistro



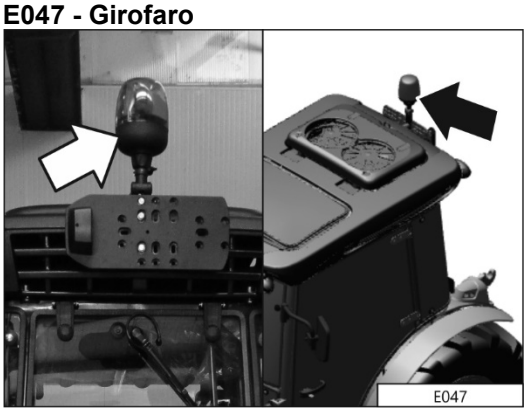
E033 - Fanale anteriore destro



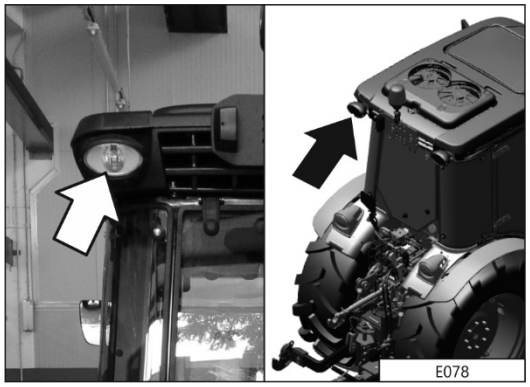
E034 - Luce di cortesia



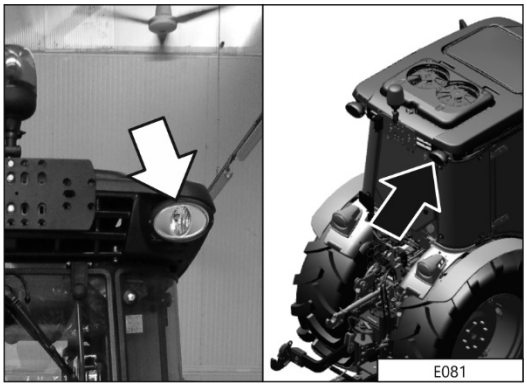
E047 - Girofaro



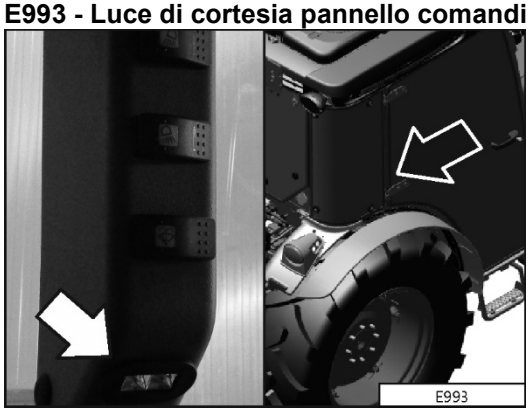
E078 - Luce di lavoro posteriore sinistra su tetto



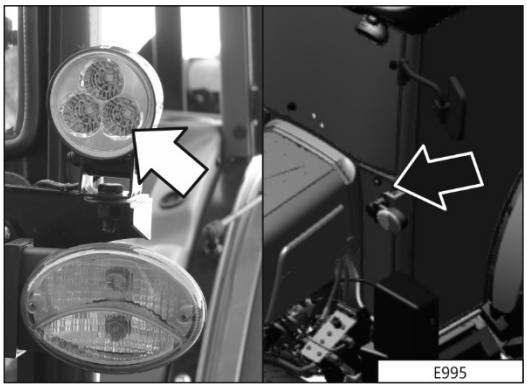
E081 - Luce di lavoro posteriore destra su tetto



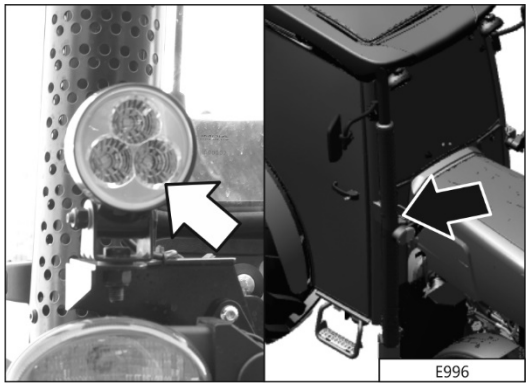
E993 - Luce di cortesia pannello comandi



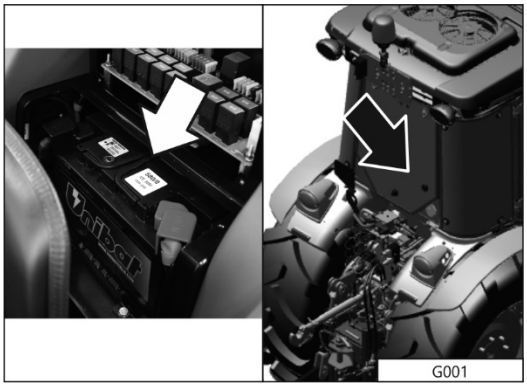
E995 - Faro H3 anteriore sinistro



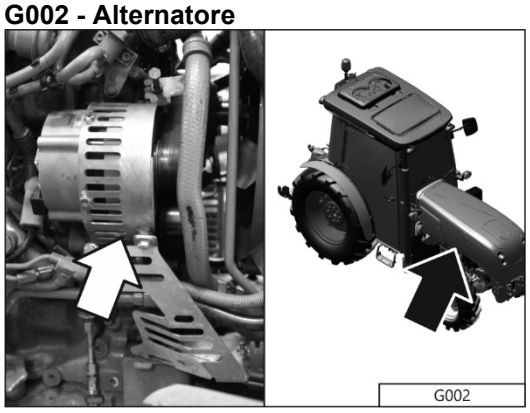
E996 - Faro H3 anteriore destro



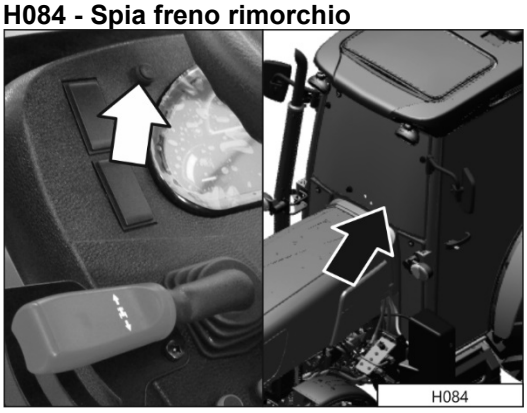
G001 - Batteria



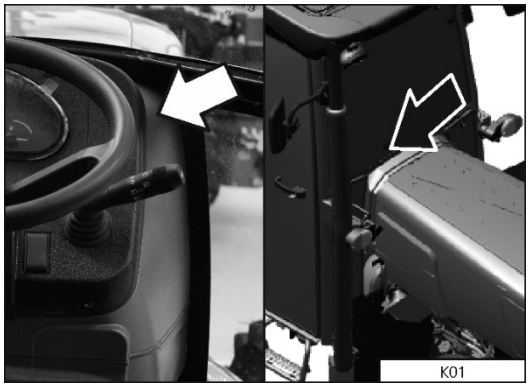
G002 - Alternatore



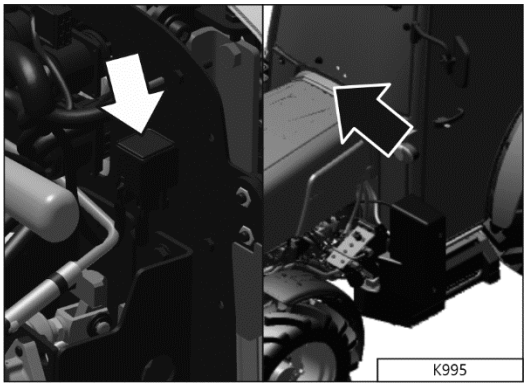
H084 - Spia freno rimorchio



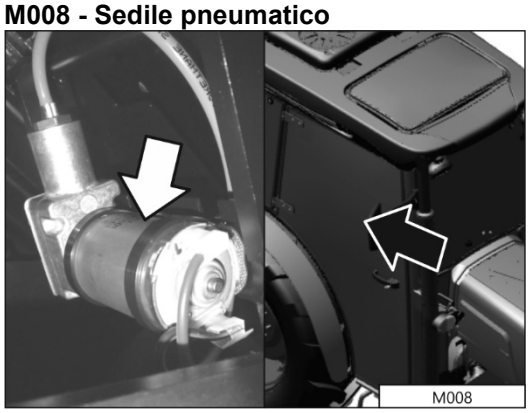
K01 - Relè avviamento



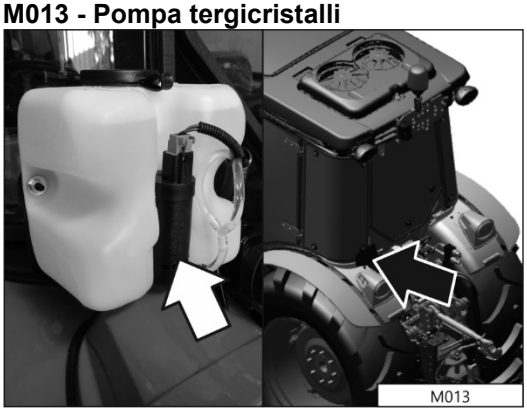
K995 - Relè di interblocco PTO anteriore



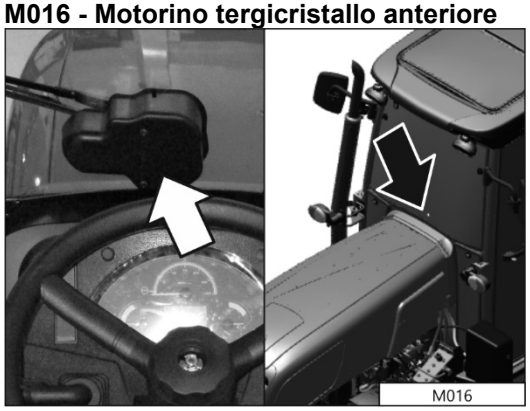
M008 - Sedile pneumatico



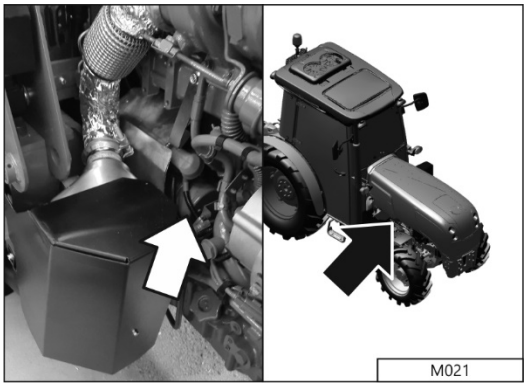
M013 - Pompa tergicristalli



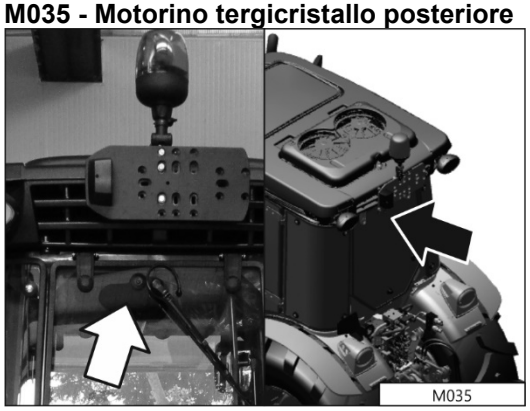
M016 - Motorino tergicristallo anteriore



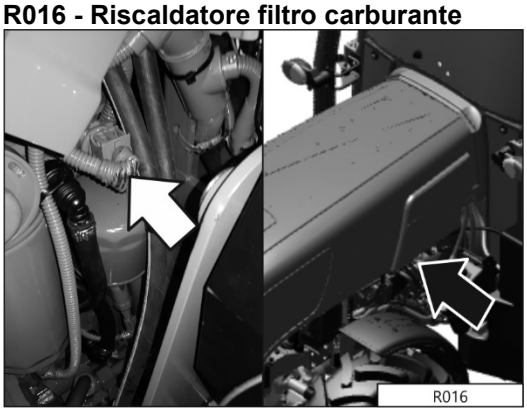
M021 - Motorino di avviamento



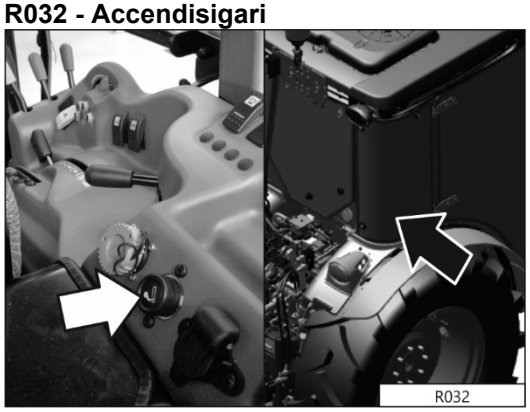
M035 - Motorino tergicristallo posteriore



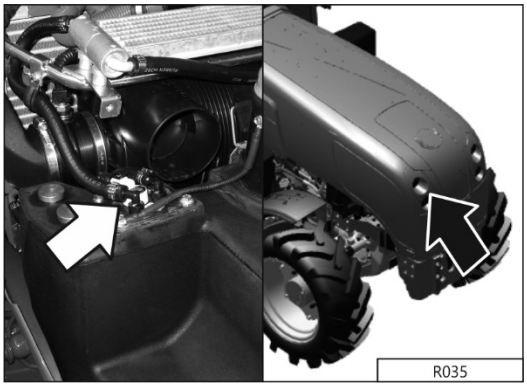
R016 - Riscaldatore filtro carburante



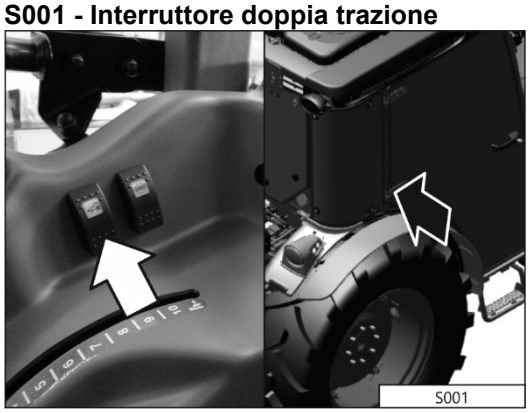
R032 - Accendisigari



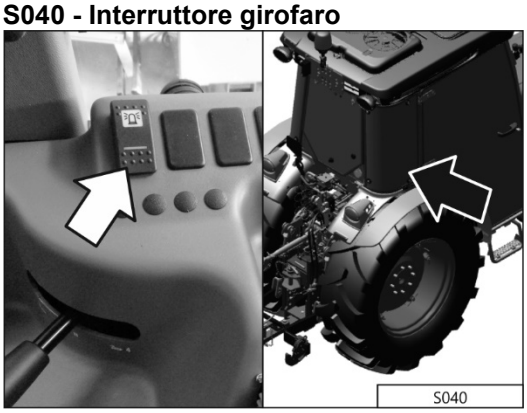
R035 - Sensore livello carburante



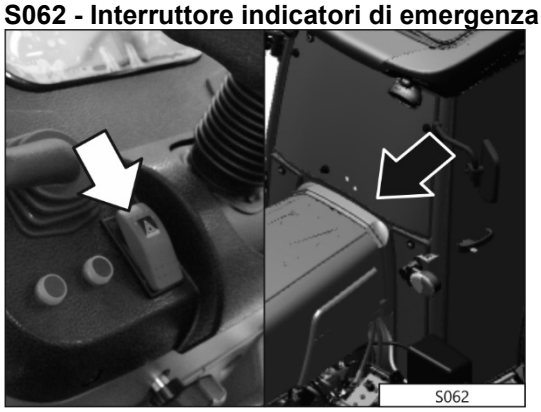
S001 - Interruttore doppia trazione



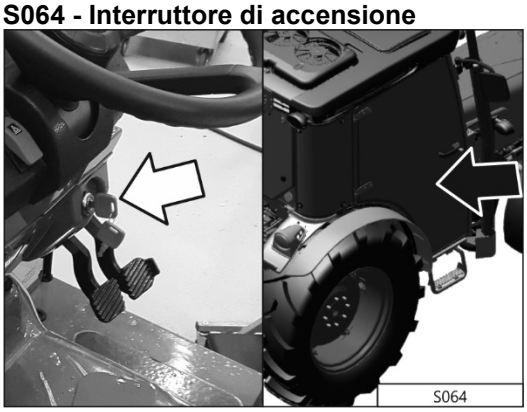
S040 - Interruttore girofaro



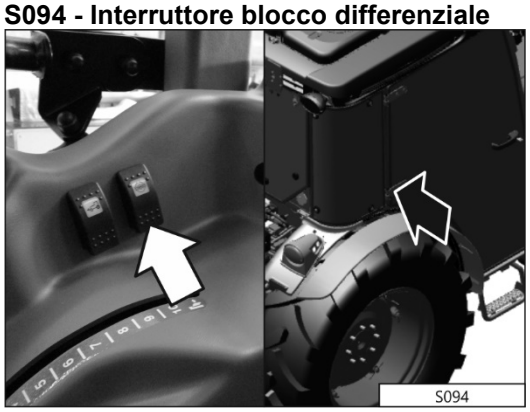
S062 - Interruttore indicatori di emergenza



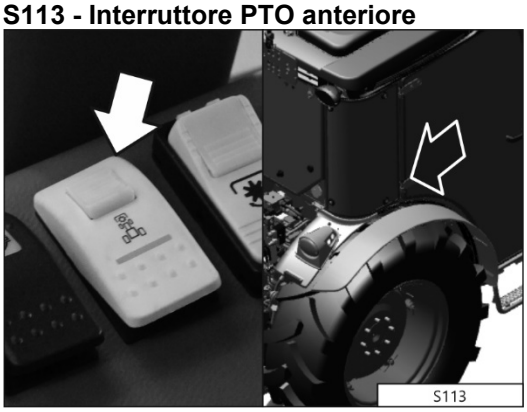
S064 - Interruttore di accensione



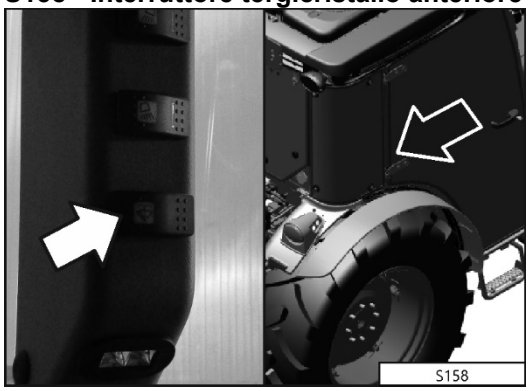
S094 - Interruttore blocco differenziale



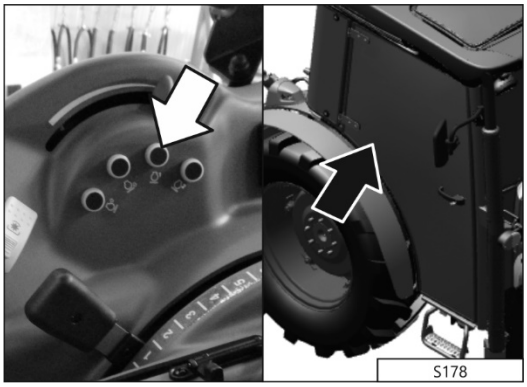
S113 - Interruttore PTO anteriore



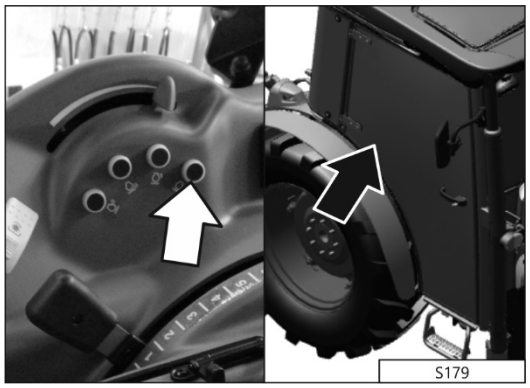
S158 - Interruttore tergicristallo anteriore



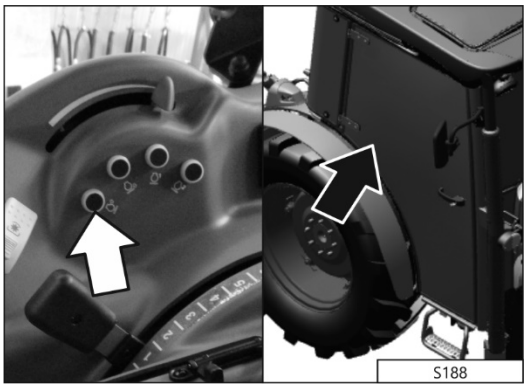
S178 - Pulsante Cruise Control memoria 1



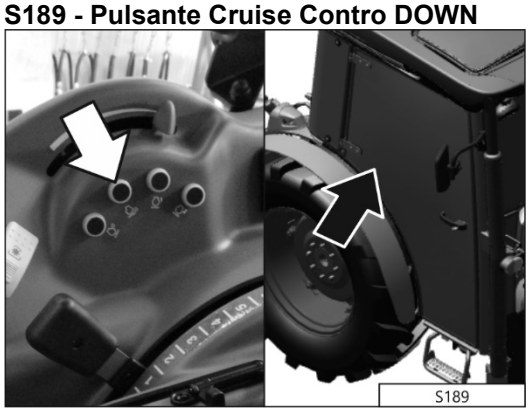
S179 - Pulsante Cruise Control memoria 2



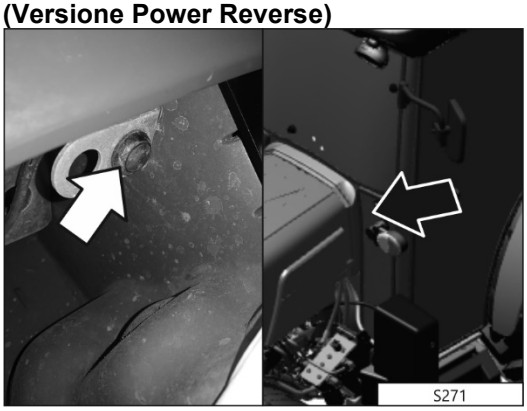
S188 - Pulsante Cruise Control UP



S189 - Pulsante Cruise Contro DOWN



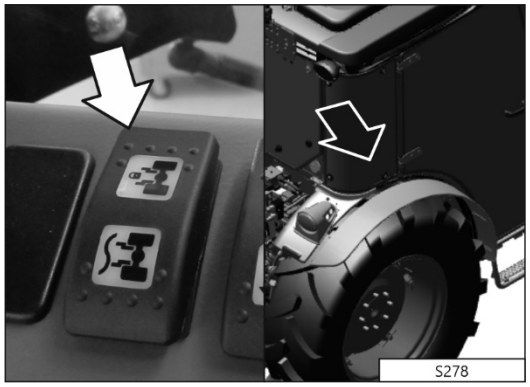
S271 - Pulsante calibrazione trasmissione (Versione Power Reverse)



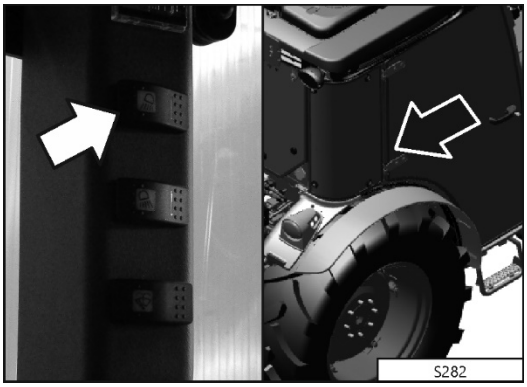
S274 - Interruttore salita/discesa

S275 - Interruttore sinistra/destra

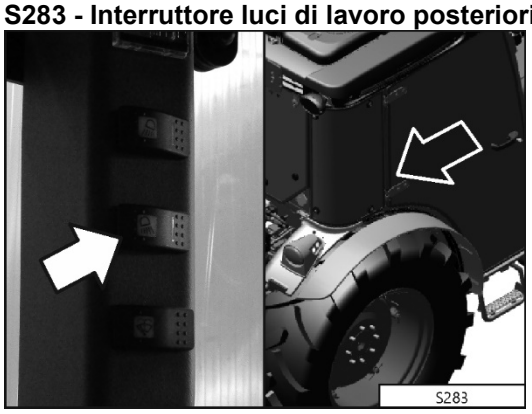
S278 - Interruttore blocco/flottante



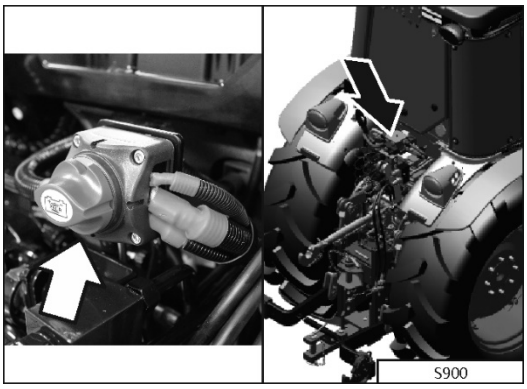
S282 - Interruttore luci di lavoro anteriori



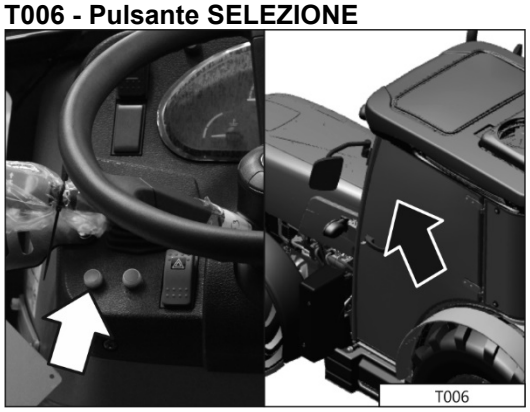
S283 - Interruttore luci di lavoro posteriori



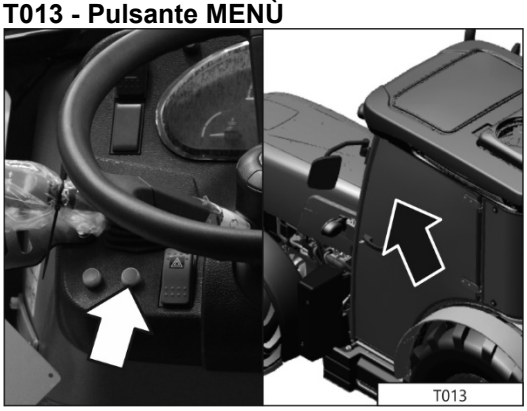
S900 - Interruttore stacca batteria



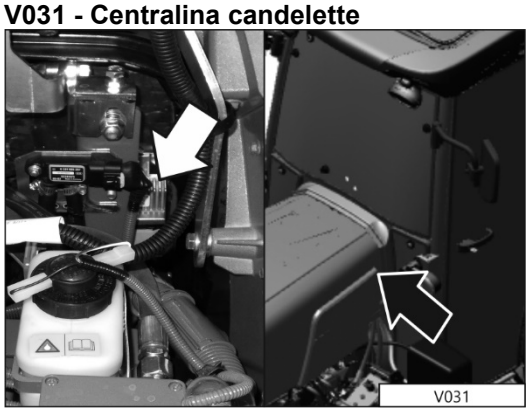
T006 - Pulsante SELEZIONE



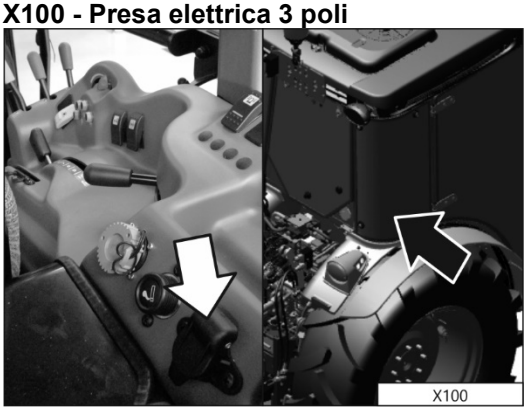
T013 - Pulsante MENÙ



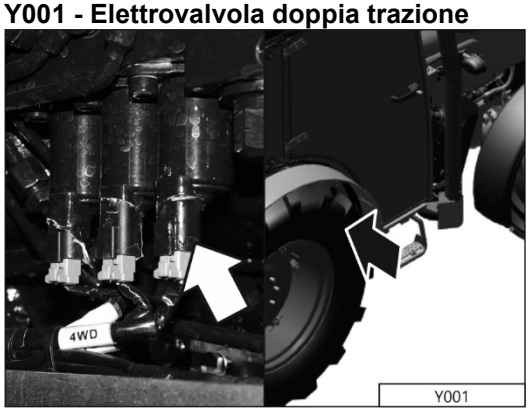
V031 - Centralina candelette



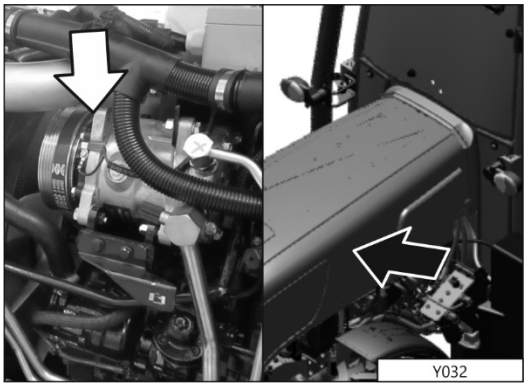
X100 - Presa elettrica 3 poli



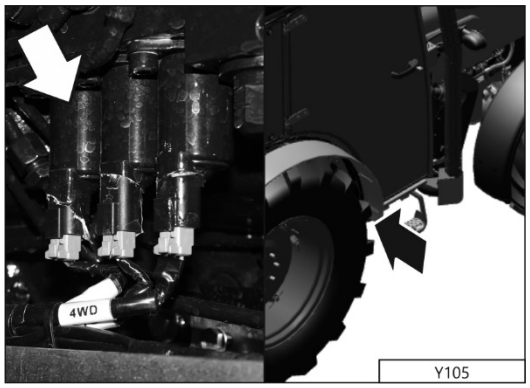
Y001 - Elettrovalvola doppia trazione



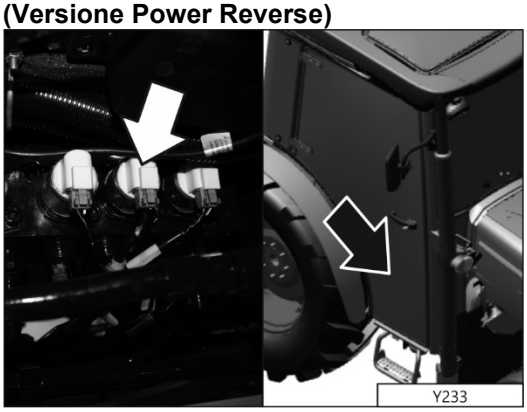
Y032 - Frizione innesto compressore aria condizionata



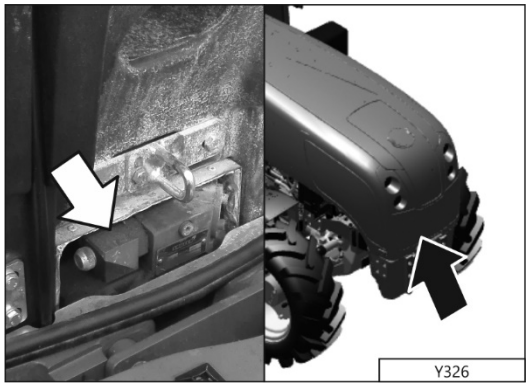
Y105 - Elettrovalvola blocco differenziale



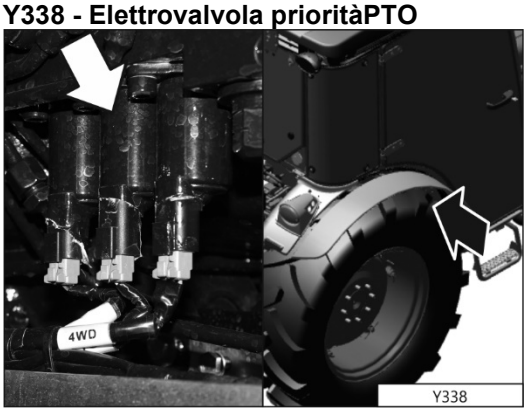
Y233 - Elettrovalvola retromarcia (Versione Power Reverse)



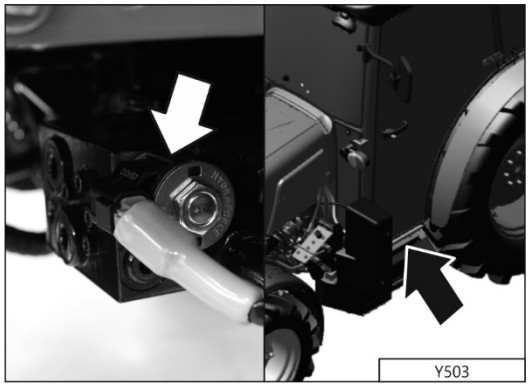
Y326 - Elettrovalvola PTO anteriore



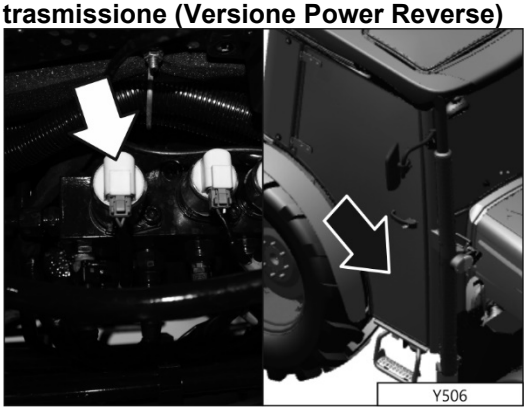
Y338 - Elettrovalvola prioritàPTO



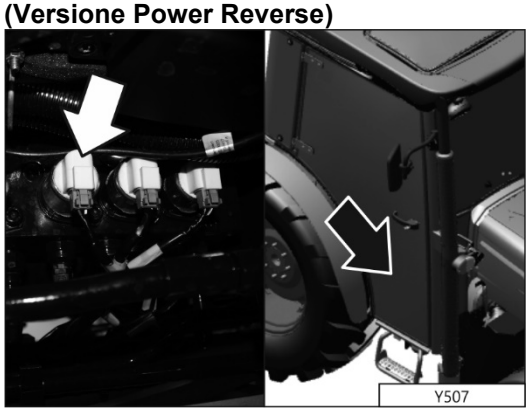
Y503 - Elettrovalvola freno rimorchio



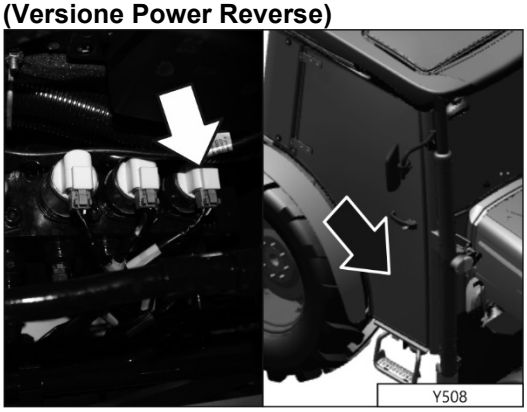
Y506 - Elettrovalvola principale trasmissione (Versione Power Reverse)



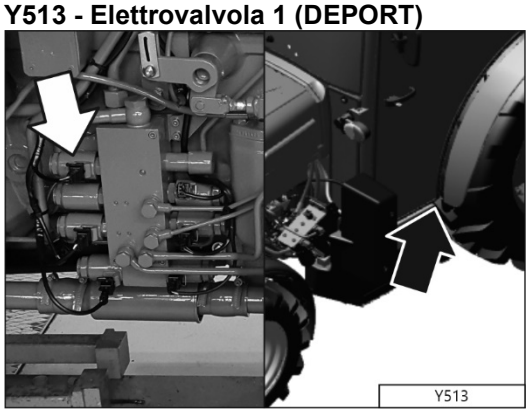
Y507 - Elettrovalvola marcia avanti veloce (Versione Power Reverse)



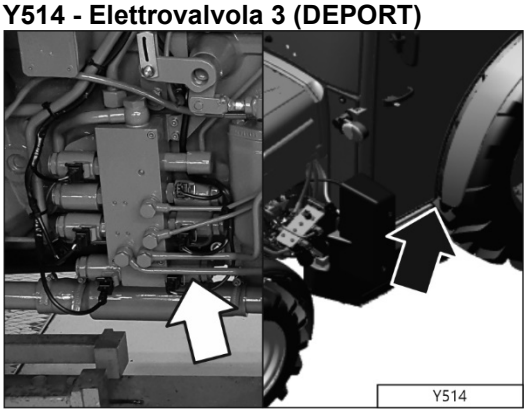
Y508 - Elettrovalvola marcia avanti lenta (Versione Power Reverse)



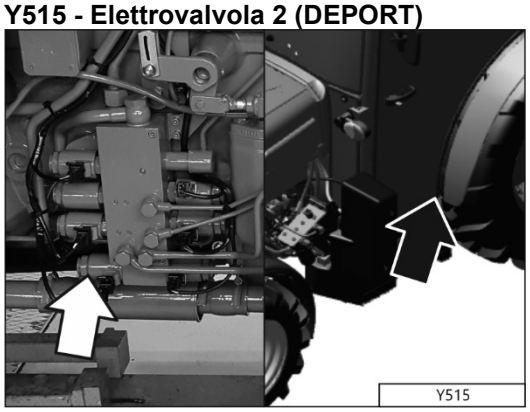
Y513 - Elettrovalvola 1 (DEPORT)



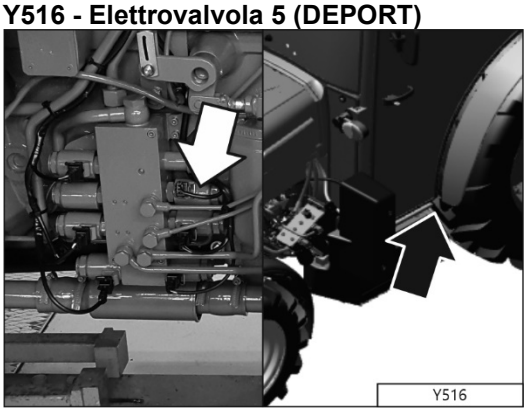
Y514 - Elettrovalvola 3 (DEPORT)



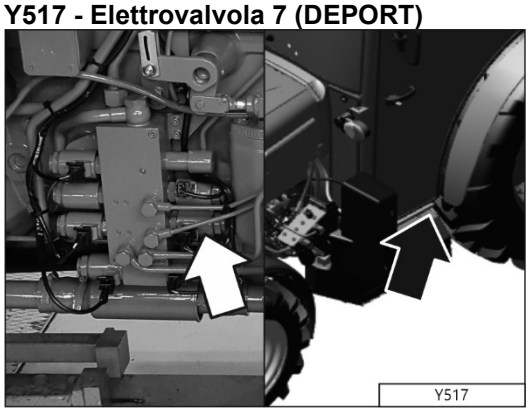
Y515 - Elettrovalvola 2 (DEPORT)



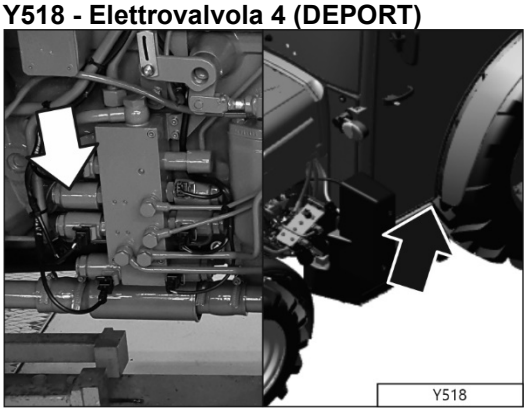
Y516 - Elettrovalvola 5 (DEPORT)



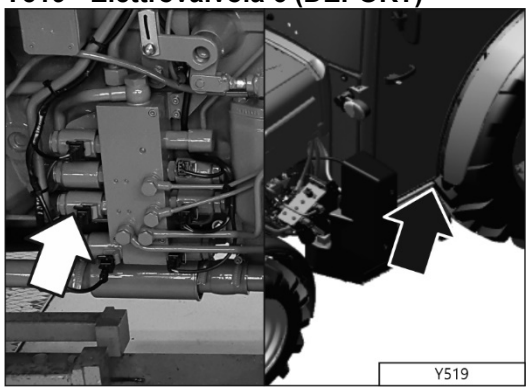
Y517 - Elettrovalvola 7 (DEPORT)



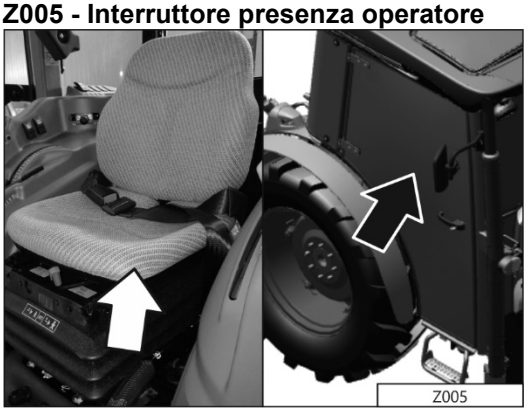
Y518 - Elettrovalvola 4 (DEPORT)



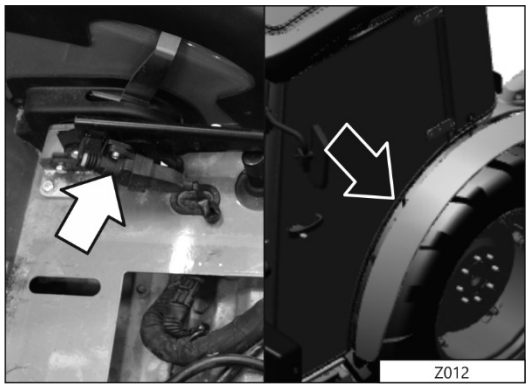
Y519 - Elettrovalvola 6 (DEPORT)



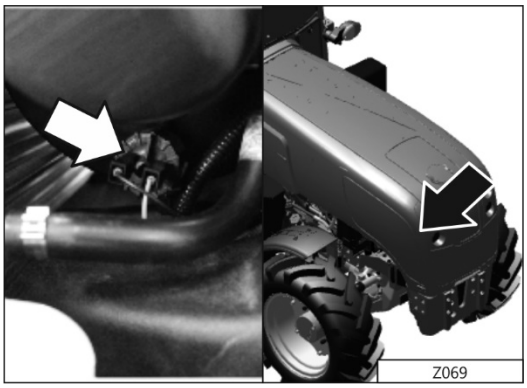
Z005 - Interruttore presenza operatore



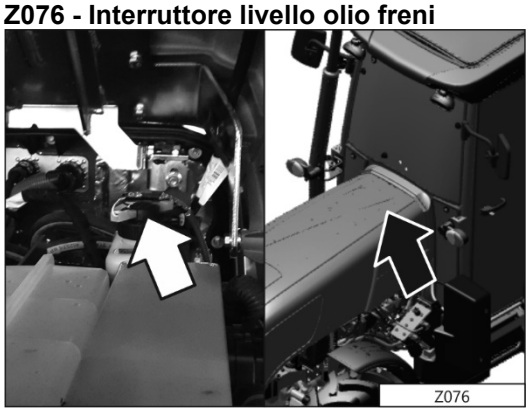
Z012 - Interruttore freno a mano



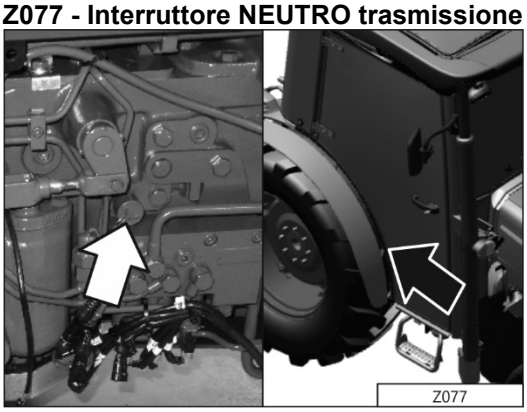
Z069 - Pressostato intasamento filtro aria



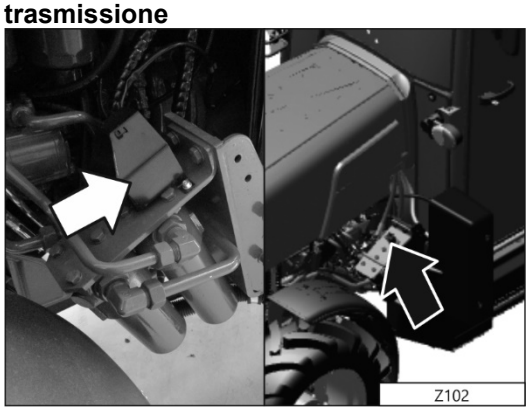
Z076 - Interruttore livello olio freni



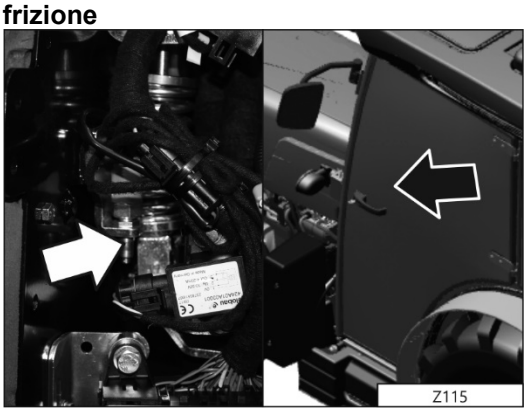
Z077 - Interruttore NEUTRO trasmissione



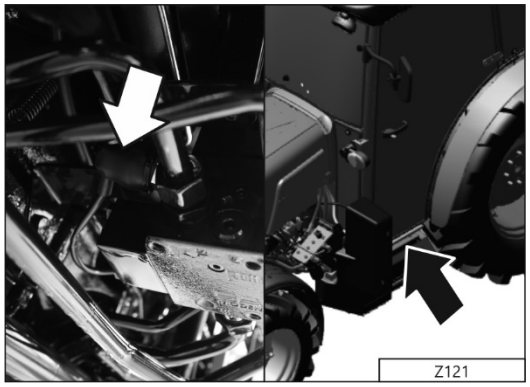
Z102 - Pressostato intasamento filtro olio trasmissione



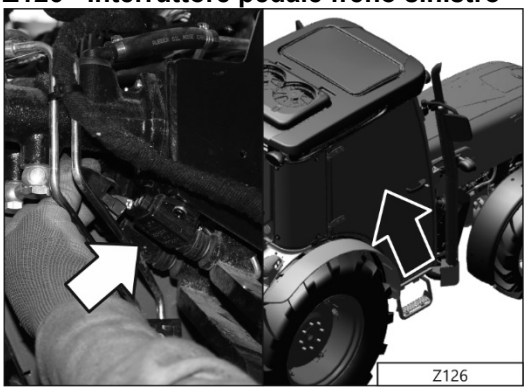
Z115 - Interruttore fine corsa pedale frizione



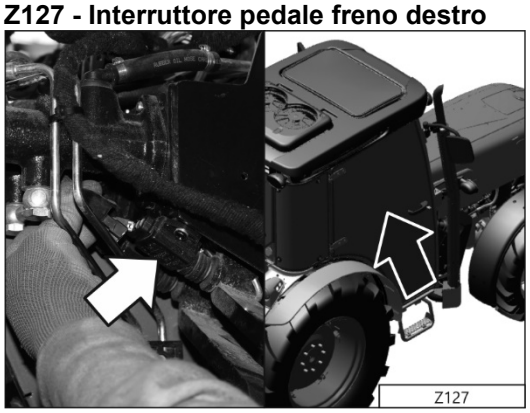
Z121 - Pressostato circuito freno rimorchio



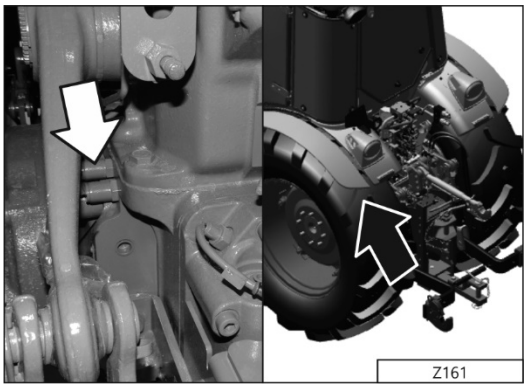
Z126 - Interruttore pedale freno sinistro



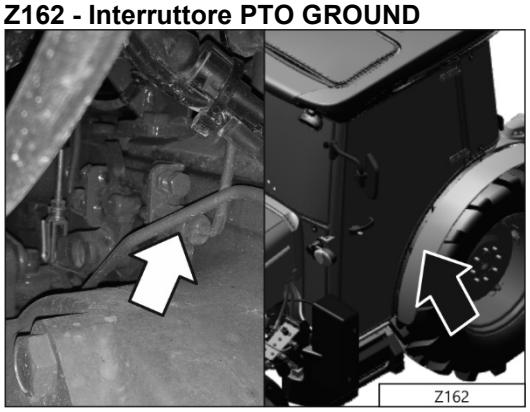
Z127 - Interruttore pedale freno destro



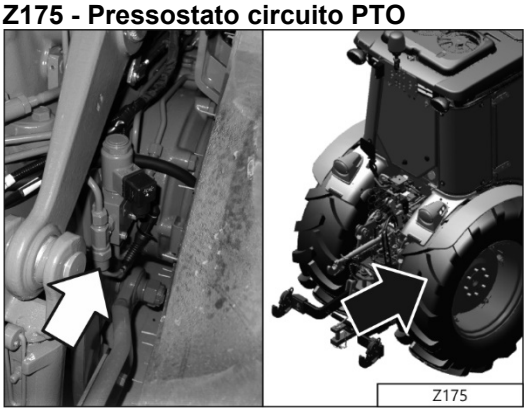
Z161 - Interruttore velocità PTO 540



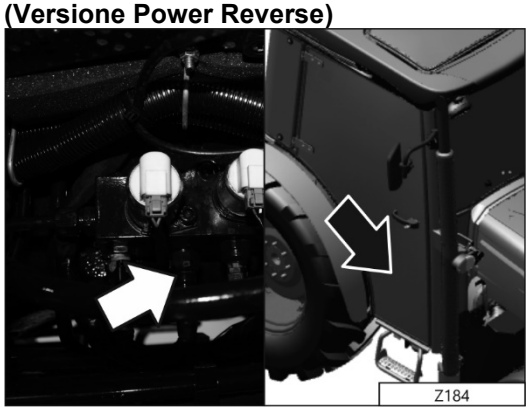
Z162 - Interruttore PTO GROUND



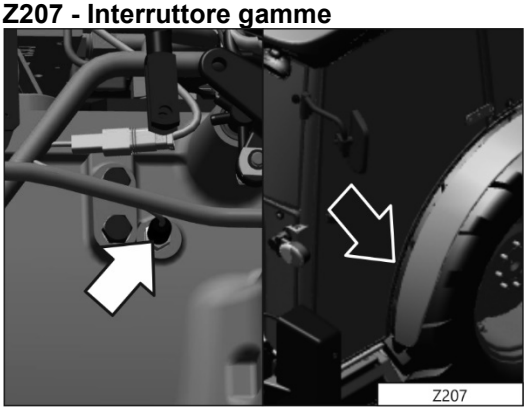
Z175 - Pressostato circuito PTO



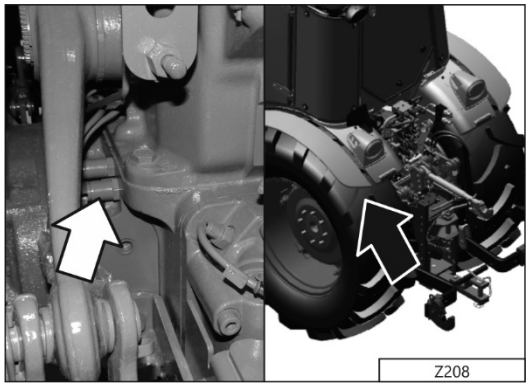
Z184 - Pressostato olio trasmissione (Versione Power Reverse)



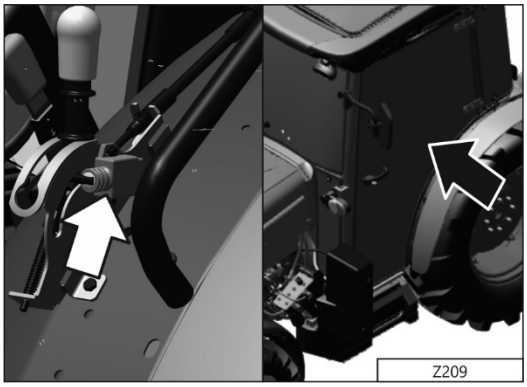
Z207 - Interruttore gamme



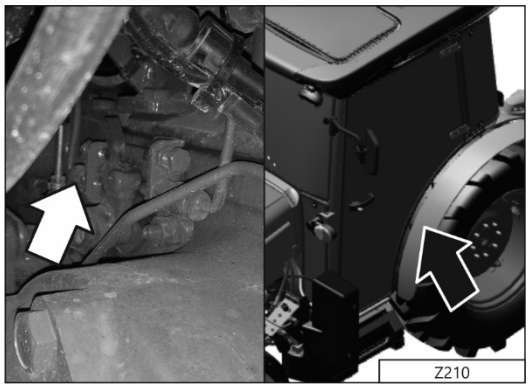
Z208 - Interruttore velocità PTO 540E/1000



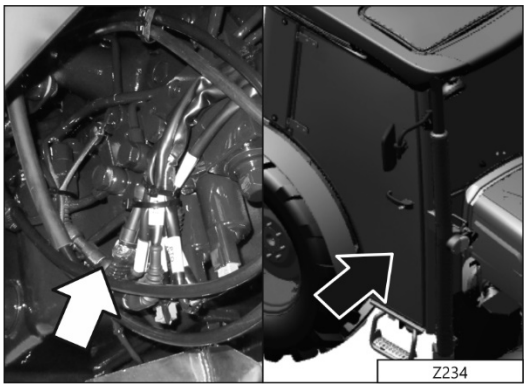
Z209 - Interruttore PTO meccanica innestata



Z210 - Interruttore PTO DIRETTA



Z234 - Pressostato circuito doppia trazione



Z235 - Pressostato circuito blocco differenziale