

Service Manual

Buses

Group **37**

Release **01**

Multiplex electrical system Version 2

Wiring Diagram

B7R with D7E (chno 114968-148000)

B9L with G9A (chno 114968-148000)

B9L, B9R, B9S, B9TL with D9B (chno 114968-148000)

B12B, B12M with DH12D (chno 114968-148000)

B12B, B12M with DH12E (chno 114968-148000)

Replaces: **TP 16786**



Foreword

The information in this manual is based on present design in December 2009.

The products are under continuous development. This may effect the correctness of the information in this manual. If the differences are significant, new editions of this manual will be released to cover the changes.

This manual replaces previously released edition:

1 **TP 16786**

Modified sheets:

Pin descriptions for all ECUs

AB

- Added splice XSA72. (loc. C5)
- Added wires (loc. C5 and D2)

BB

- Changed component name from R10 to R20. (loc. B0)

BD

- Added components B985 and B986. (loc. C0)
- Added some wires and PS1 connector. (loc. B0 and C0)

CC

- Added wire XC207.9B. (loc. C2)

EO

- Changed wire F17B connection. (loc. C4)

EP

- Changed wires connection. (loc. B0 and C0)

FA

- Changed wire GND1AR connection. (loc. B1)

FB

- Added wire A16.A14A. (loc. C0)
- Added inline connector ECS:7. (loc. C0)

FC

- Added resistors R10, R11 and R12. (loc. C2 and C3)
- Added splices XSJ23, XSJ24 and XSJ26. (loc. C2 and C3)
- Added component B956. (loc. C2)
- Added inline connectors XC920:1 and XC920:2. (loc. C2 and C3)
- Added wires. (loc. C2 and C3)

FO

- Added wires F13M and F13N. (loc. D3)

GA

- Deleted wire A27.D17A3. (loc. A3)
- Deleted splice XSB15. (loc. C1)

GD

- Deleted wire A27.D17G. (loc. C1)

GF

- Deleted wire. (loc. C1)
- Deleted splice XSK19. (loc. C1)

LA

- Added resistors R11 and R12. (loc. D3)
- Added splices XSJ47 and XSJ48. (loc. D3)
- Added some wires. (loc. D3)

LB

- Added resistors R10, R11 and R12. (loc. C1 and D2)
- Added component S48. (loc. C2)
- Added splices XSK19, XSK24 and XSK25. (loc. C1 and C3)
- Added some wires. (loc. C1 and C2)

NC

- Deleted wire GND.S925B. (loc. D2)
- Changed wire S925A connection. (loc. D2)

XC

- Added two wires. (loc. D5)

ZC

- Added wires. (loc. B2, C4, D3 and D4)
- Added splices XSB14, XSC17 and XSC18. (loc. C5, D3 and D4)
- Changed some wires connection. (D3 and D4)

Volvo Bus Corporation

Göteborg, Sweden

Order number: TP 16787

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Engineering Release Notice (ERN)	Location	Change Description	A = Added U = Deleted	W = Was	RELEASED Document Release Status	
		See DCN			Date	Modification Count

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**WIRING DIAGRAM
B7, B9, B12**

VOLVO
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Document Type
PRODUCT SCHEMATIC

Owner Domain:Document Prefix

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Abbreviations

AC	Air Condition	IJ	Inlet Jet
Acp	Accelerator Pedal	Ind	Indicator
AI	Analogue Input	Inj	Injection
Amb	Ambient	JK	Jack-knife
AO	Analogue Output	KL	Key Line
ARC	Air Regeneration Control	L	Low
BHSA	Brake Hill Start Aid	LCP	Light Control Panel
Brk	Brake	LDI	Low Digital Input
Buf	Buffered	LDO	Low Digital Output
C	Closing	LS	Low Side
CampL	Campaign Lights	Nd	Needle
Cent	Centering	O	Output
Ctrl	Control	OV	Overflow
Cyl	Cylinder	OP	Opening
Dash	Dashboard	PCV	Pressure Control Valve
Deliv	Delivery	Plo	Plough
DI	Digital Input	PR	Pressure Regulator
Diag	Diagnostic	Pres	Pressure
Dir	Direction	Pos	Position
Dis	Disable	PWM	Pulse Width Modulation
DO	Digital Output	Rad	Radiator
DRL_RMC	Daytime Running Light/Reduced Mode Control	RAI	Resistance Analogue Input
EACC	Electric Air Compressor Control	Red	Reductor
ECB	VBC, Engine Compressor Brake	Rel	Relay
ECU	Electronic Control Unit	Req	Request
ECU_GND	External Ground	RES	Input for Sensors with Variable Resistance
EGR	Exhaust Recirculation, valve	Ret	Retarder
EMT	Exhaust Manifold Temperature	Sen	Sensor
Eng	Engine	Sign	Signal
EPG	Exhaust Pressure Governor	Sno	Snow
ES	Engine Synchronization	Sp	Speed
ETCC	Exhaust Temperature Catalytic Converter	St	Start
Ext	External	Stp	Stop
GND	Signal Ground	SV	Supply Voltage
H	High	Sw	Switch
Haz	Hazard	Temp	Temperature
HDI	High Digital Input	Tor	Torque
HDO	High Digital Output	UBat	Feed Directly from Battery
HLa	HeadLamps	VEB	Volvo Engine Brake
HS	High Side	Veh	Vehicle
Hyd	Hydraulic		

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Document Title

WIRING DIAGRAM

Document Type

PRODUCT SCHEMATIC

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20904123

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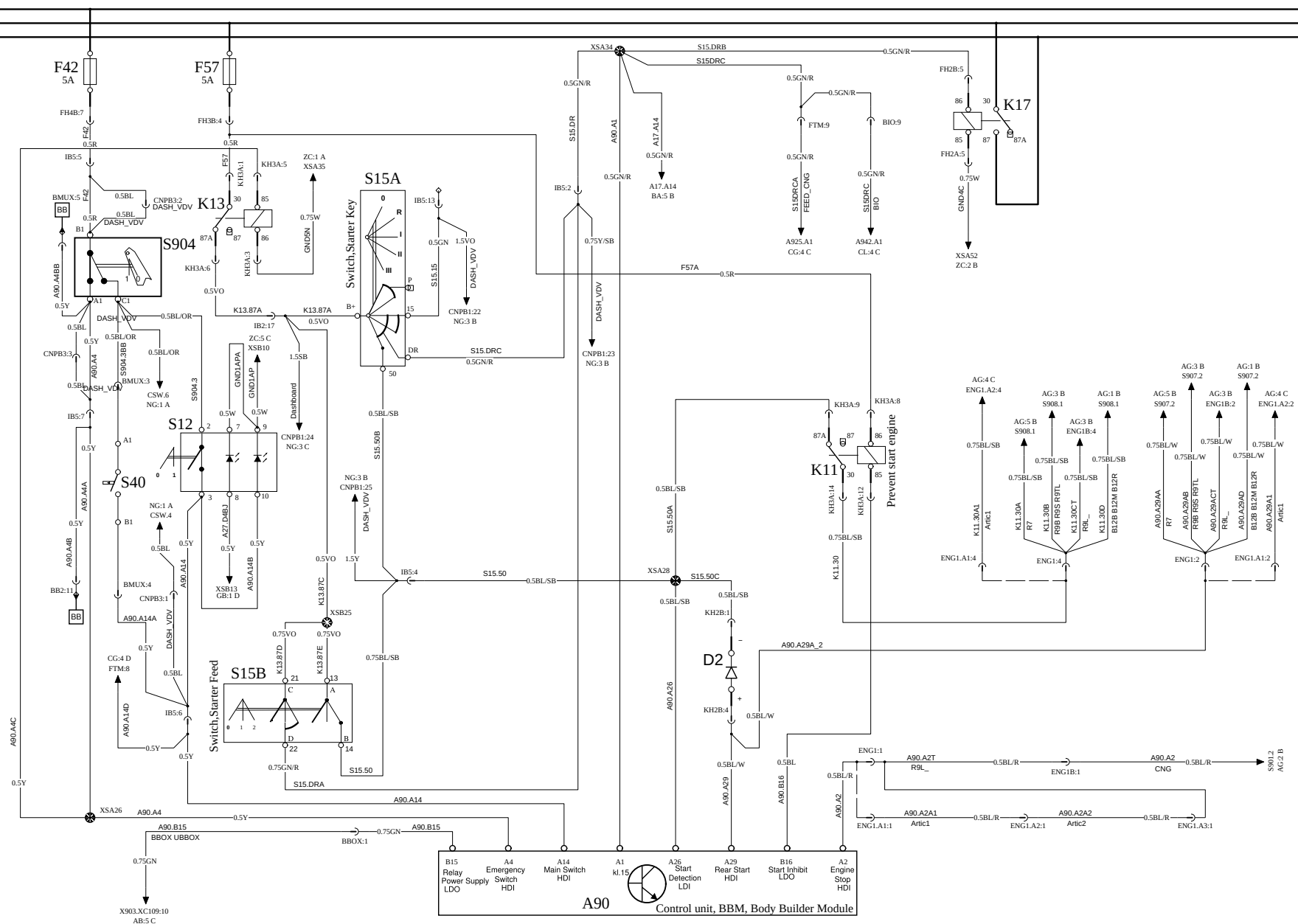
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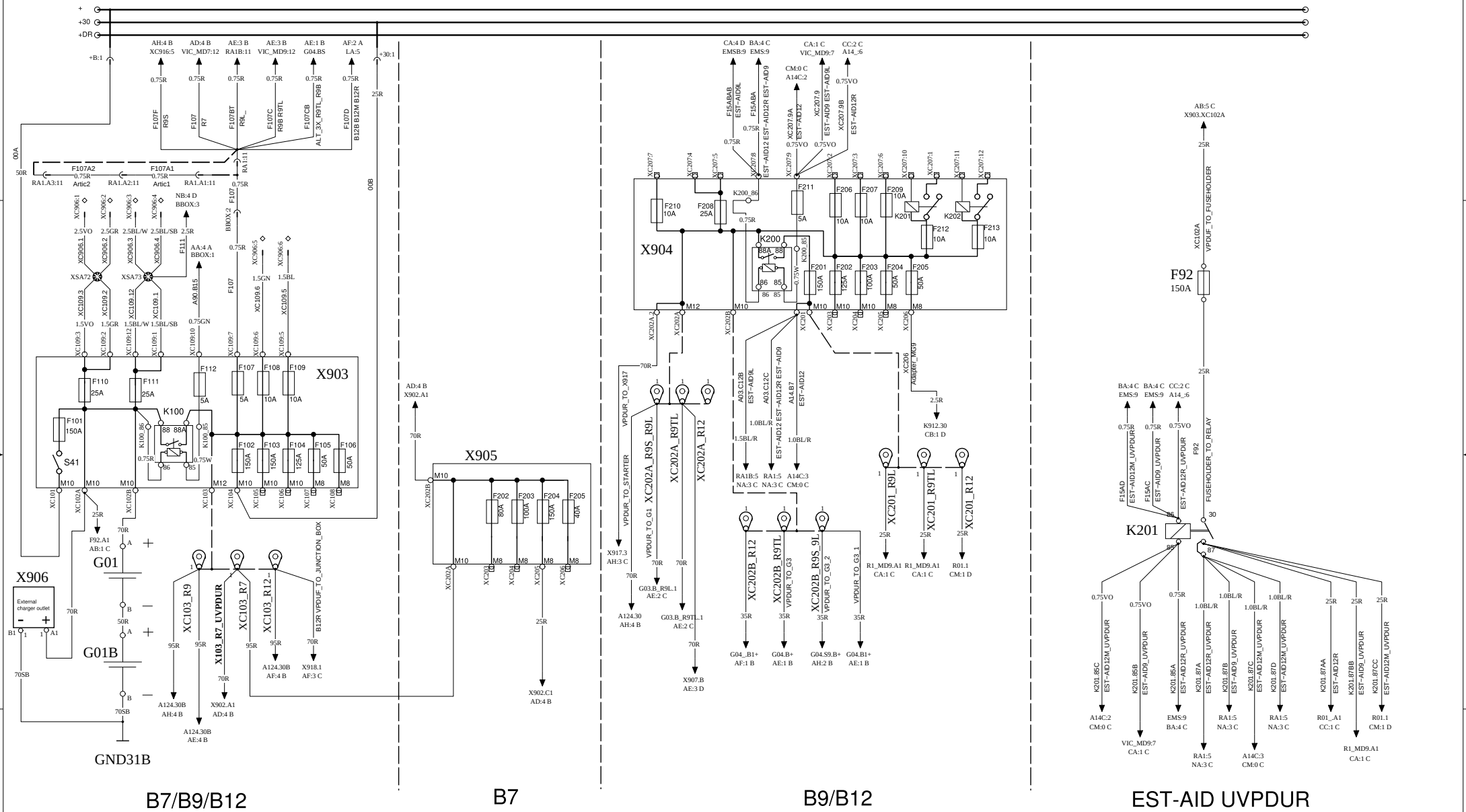
IGNITION AND STARTING SYSTEM

WIRING DIAGRAM AA



POWER SUPPLY

WIRING DIAGRAM AB



WIRING DIAGRAM AD



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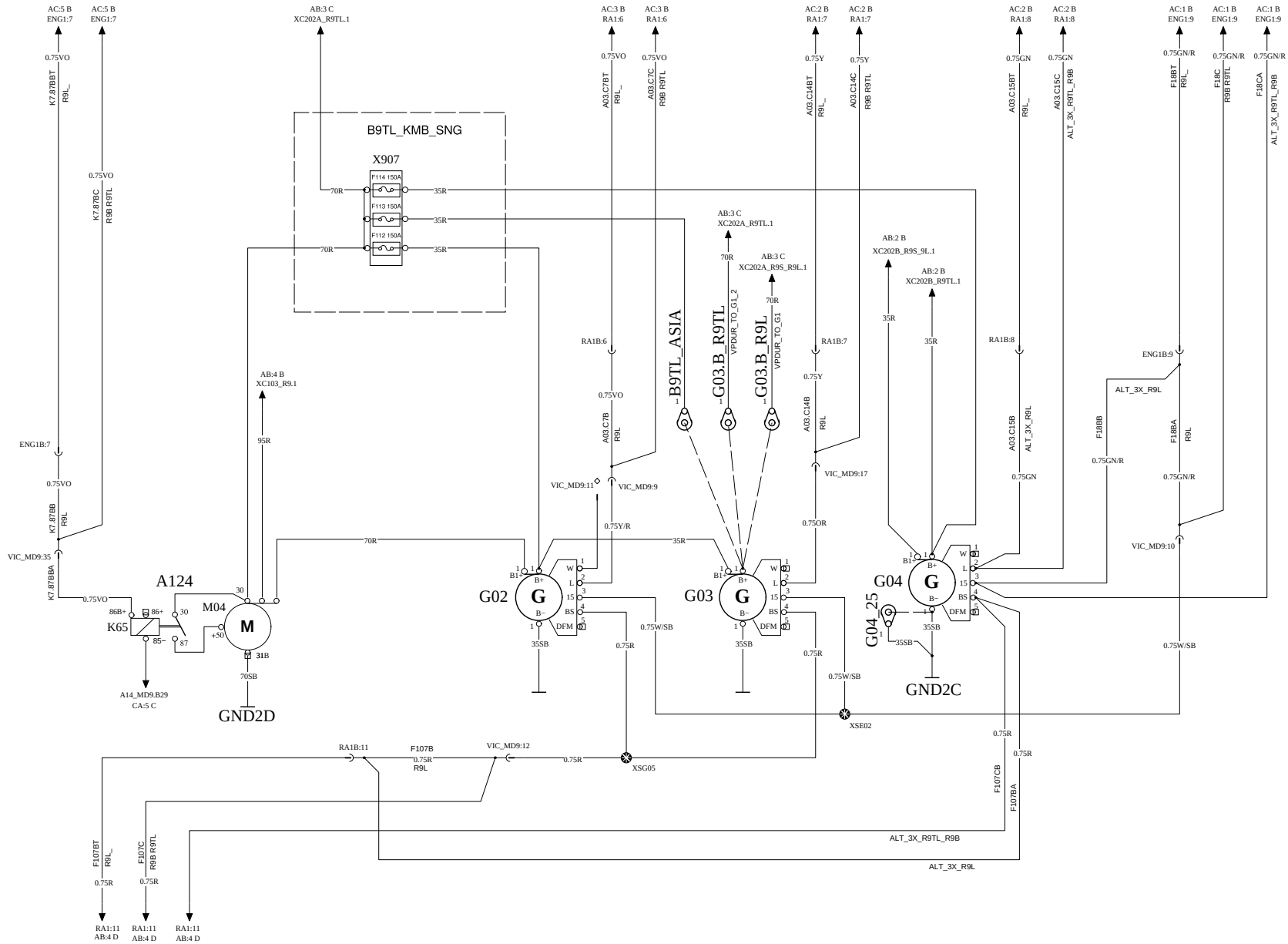
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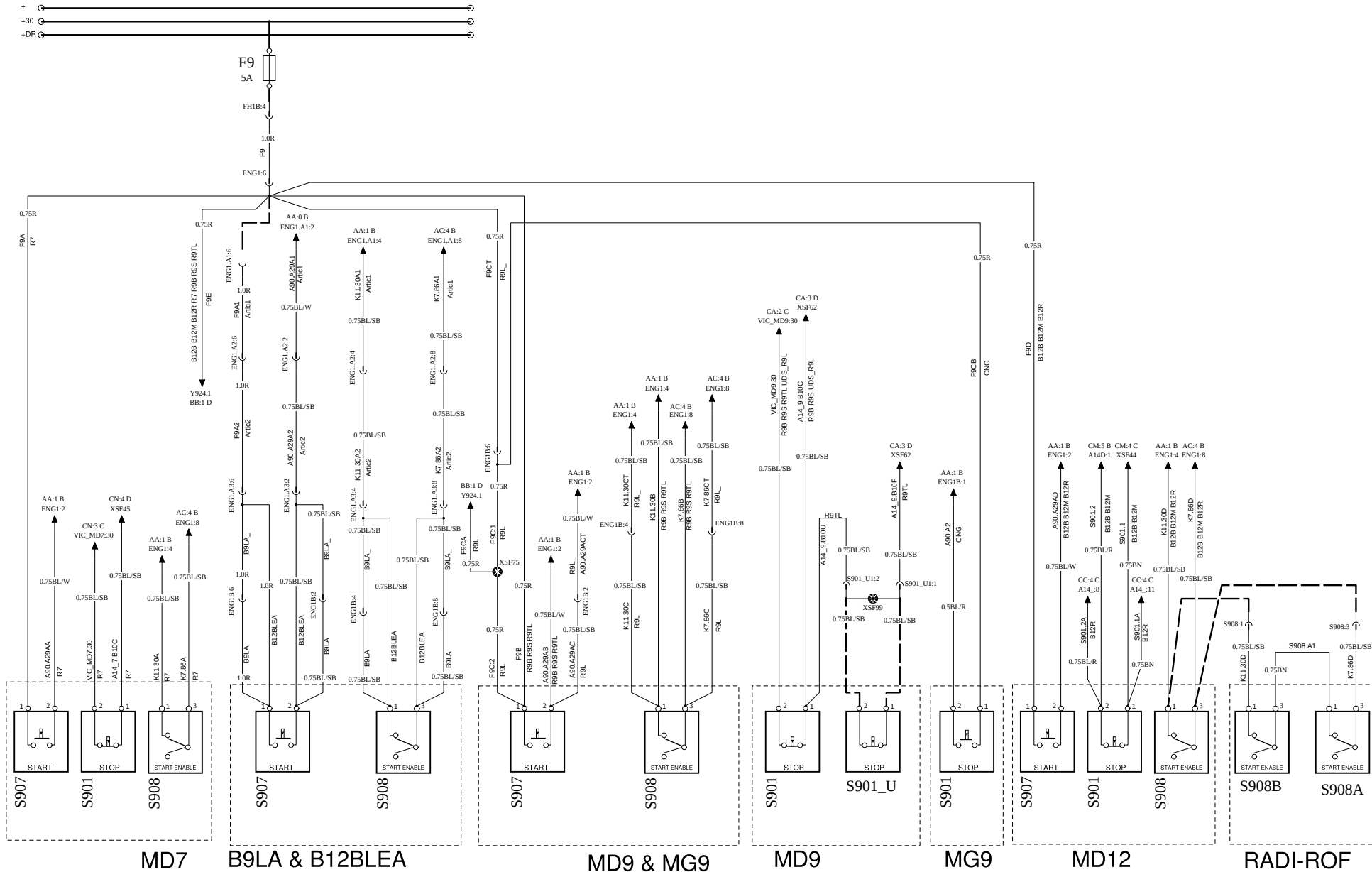
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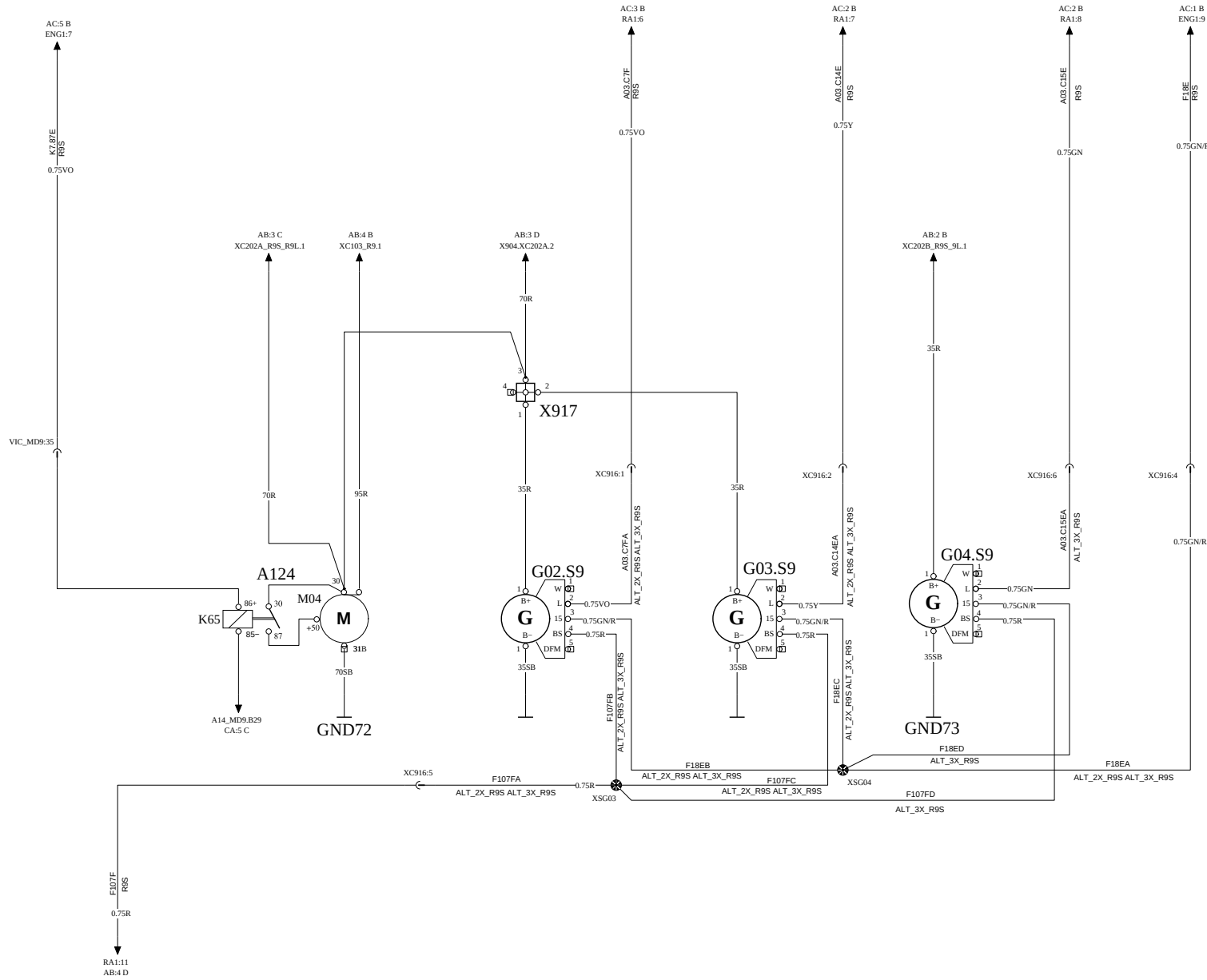
START/STOP SWITCHES REAR

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STARTER MOTOR AND ALTERNATOR FOR R9S

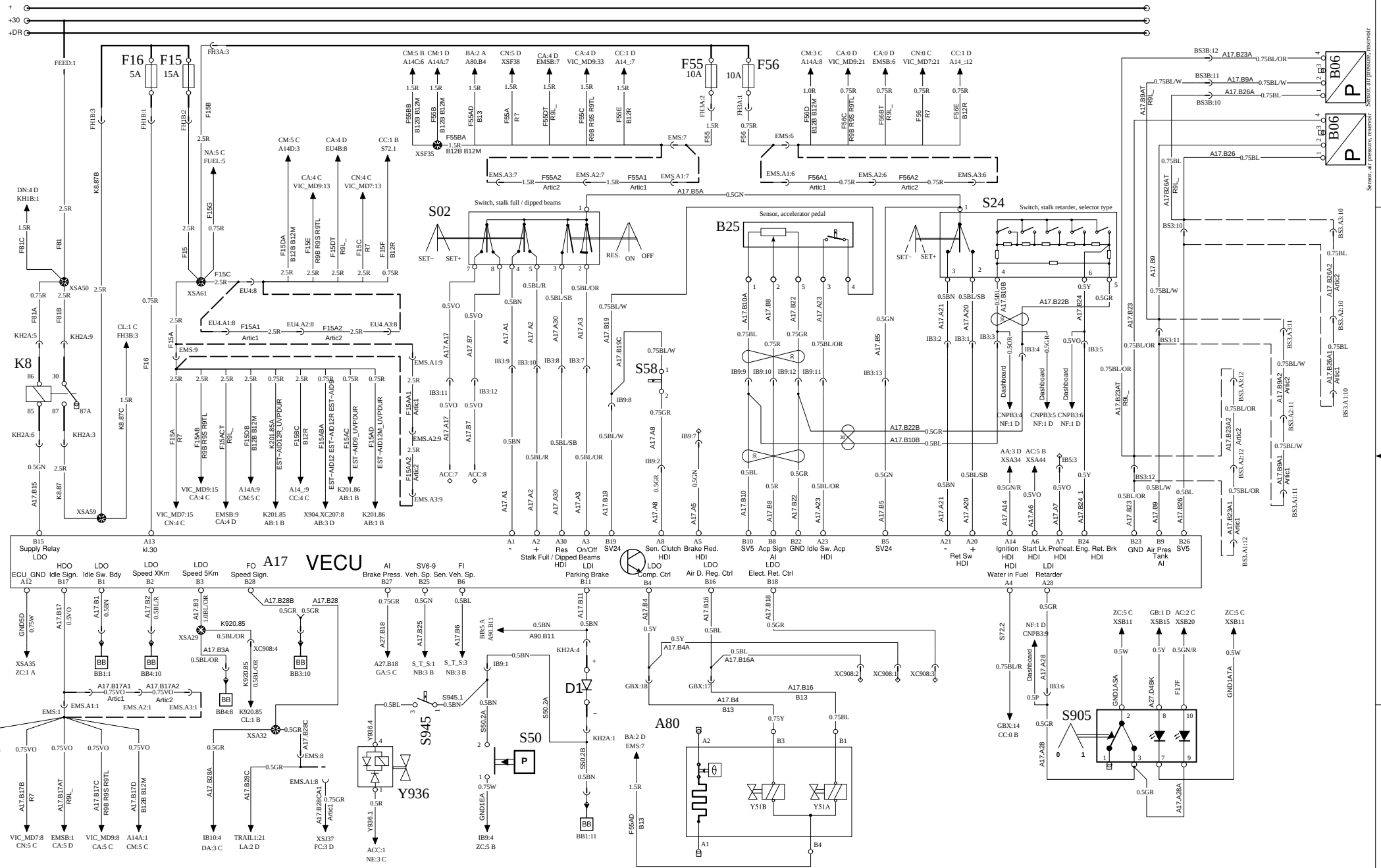
WIRING DIAGRAM AH



VECU

VEHICLE ECU

WIRING DIAGRAM BA



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Document title
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Document type
PRODUCT SCHEMATIC

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20904123

Issue

08

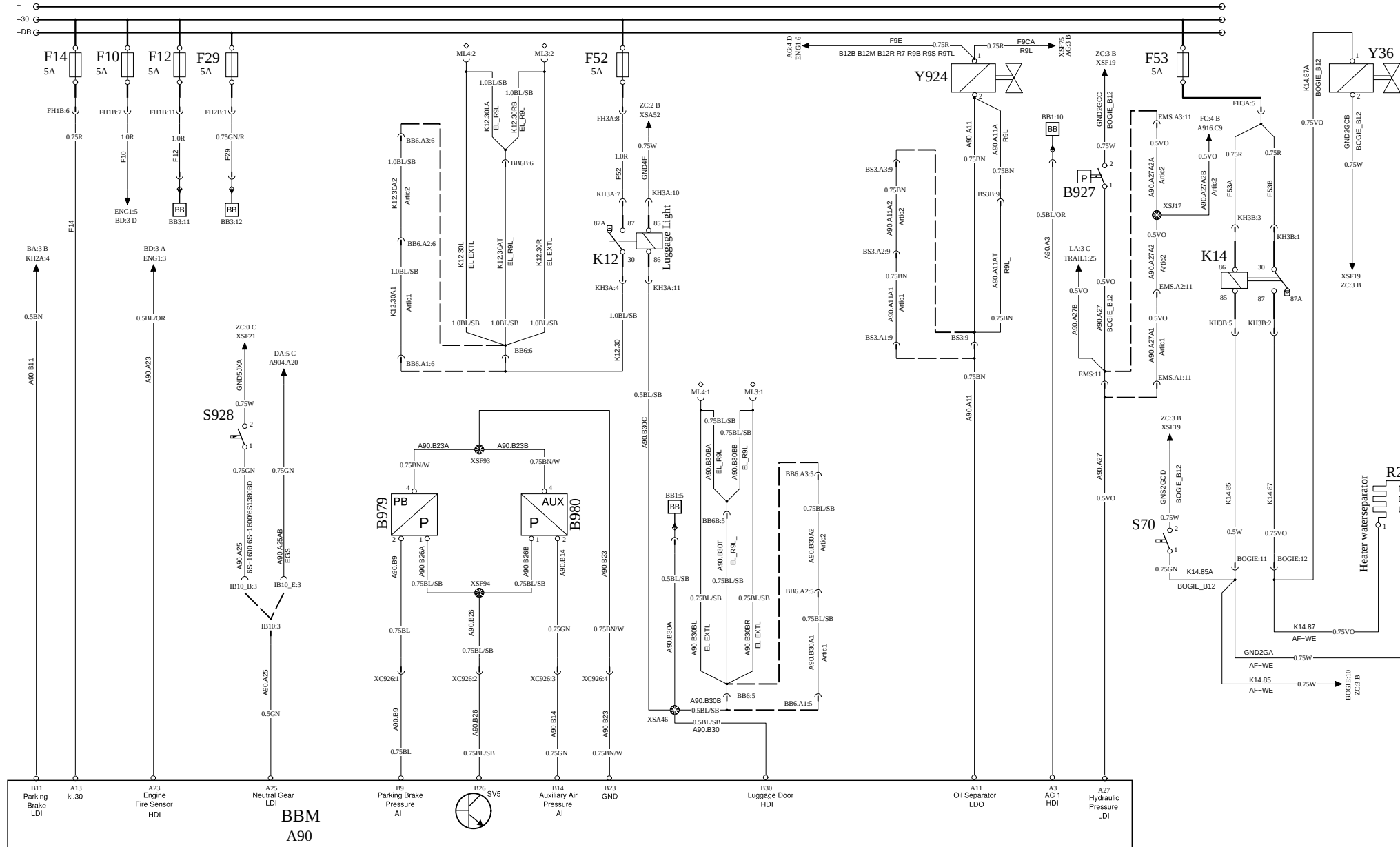
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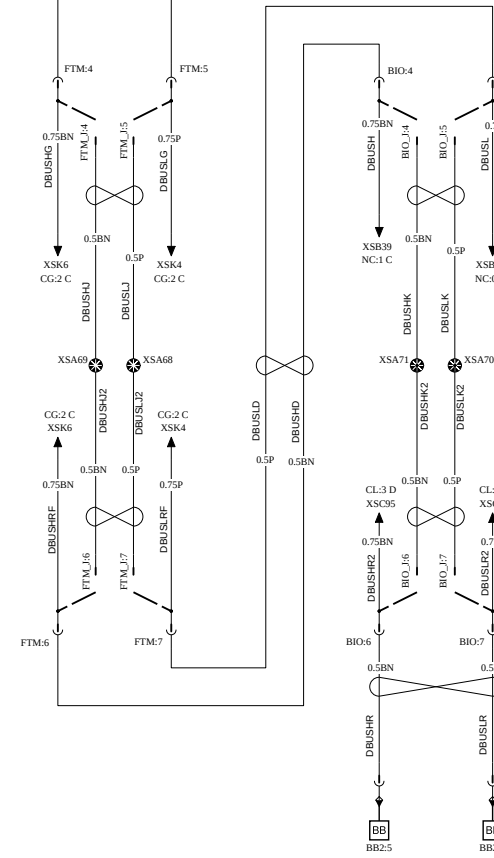
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BBM BODY BUILDER MODULE WIRING DIAGRAM BB

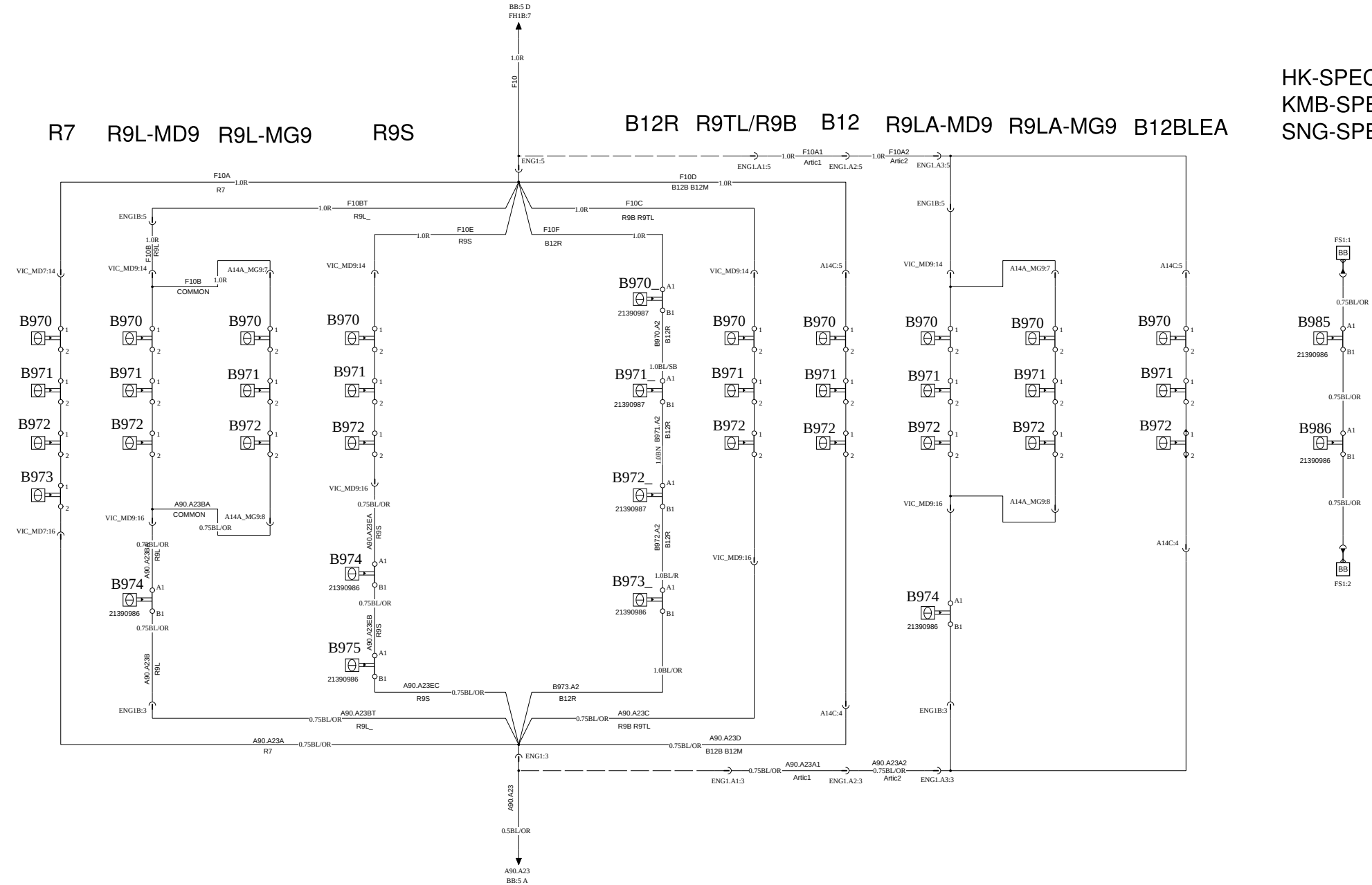


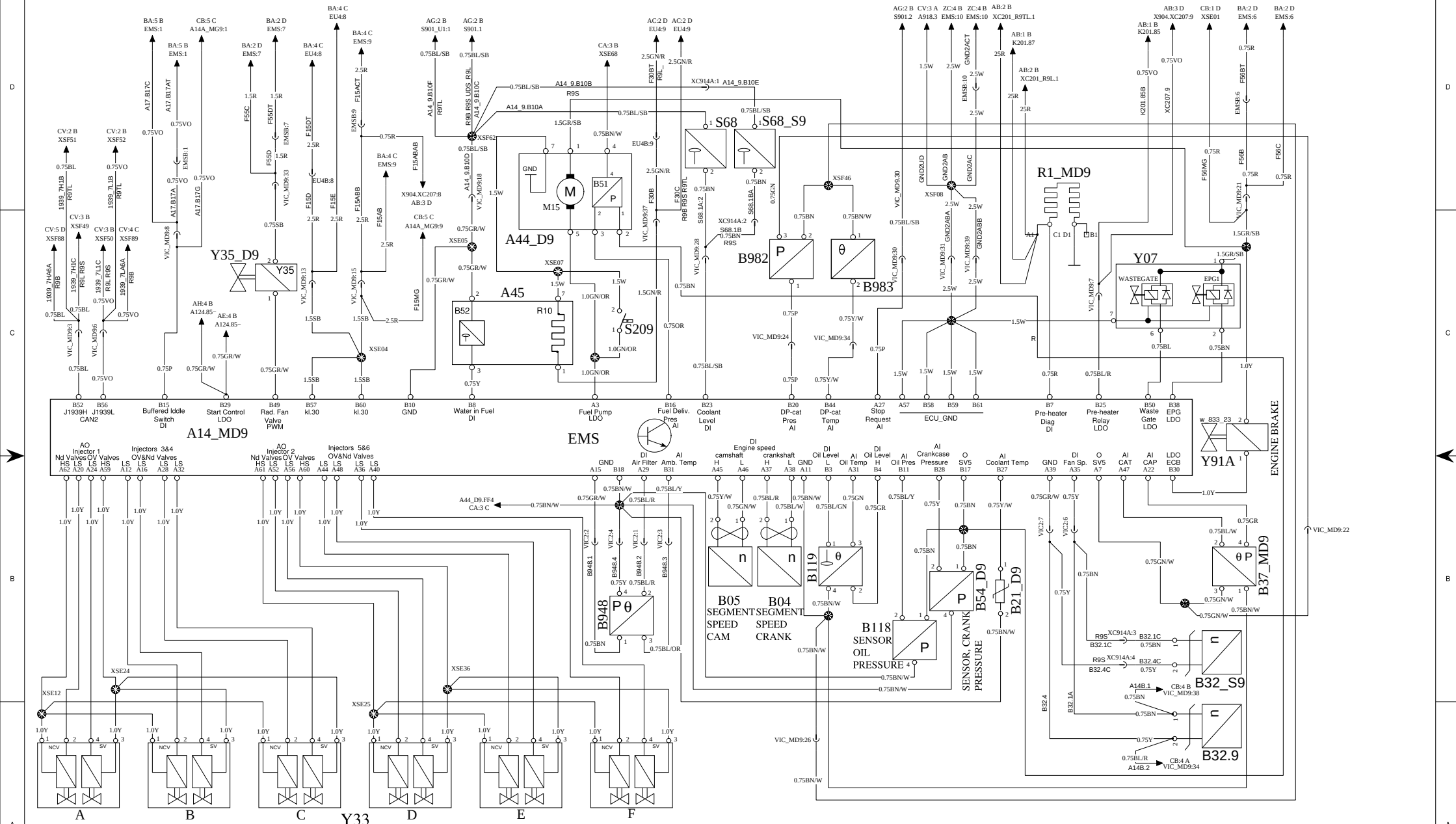


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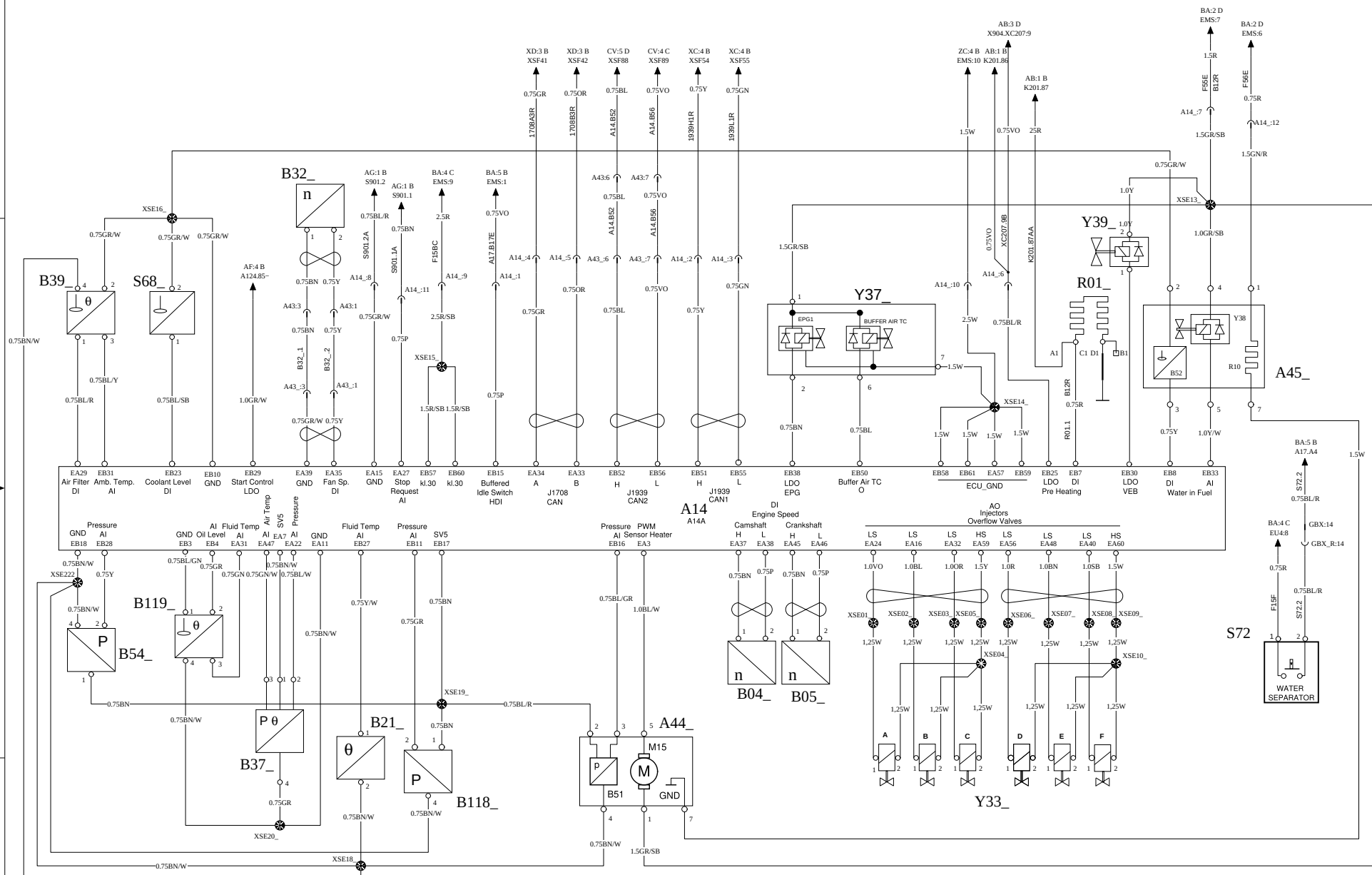
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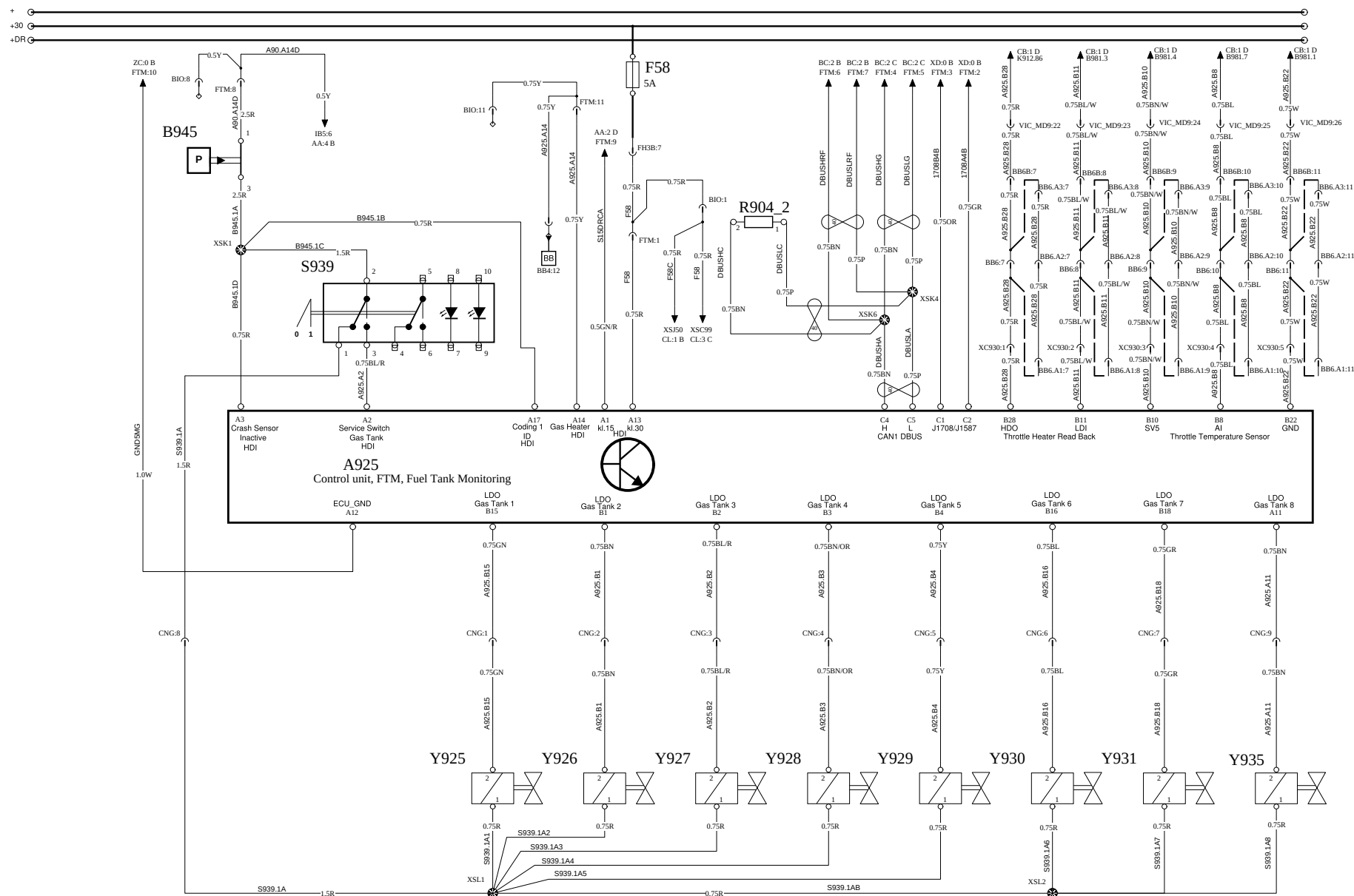
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SNG-SPEC



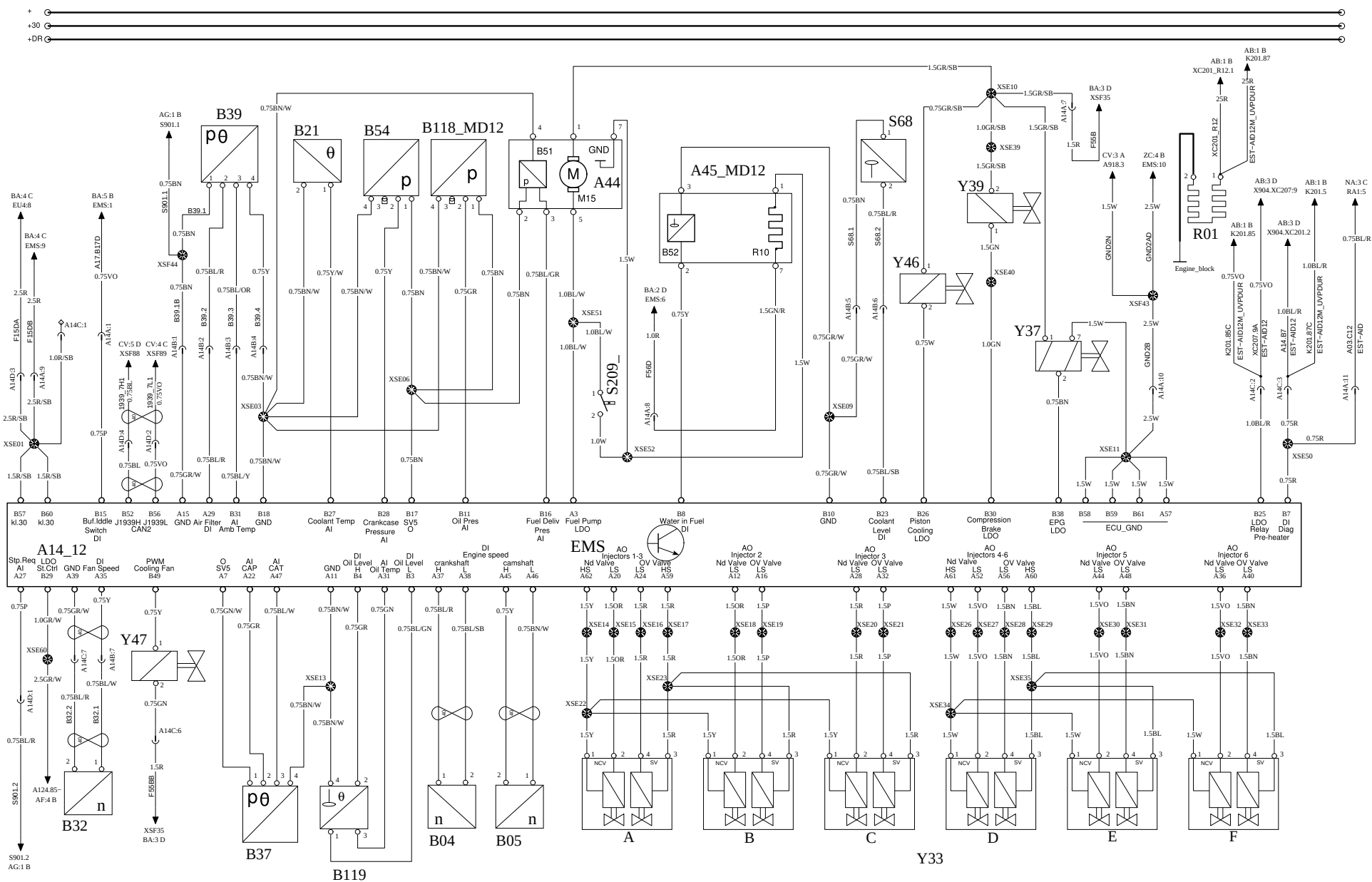


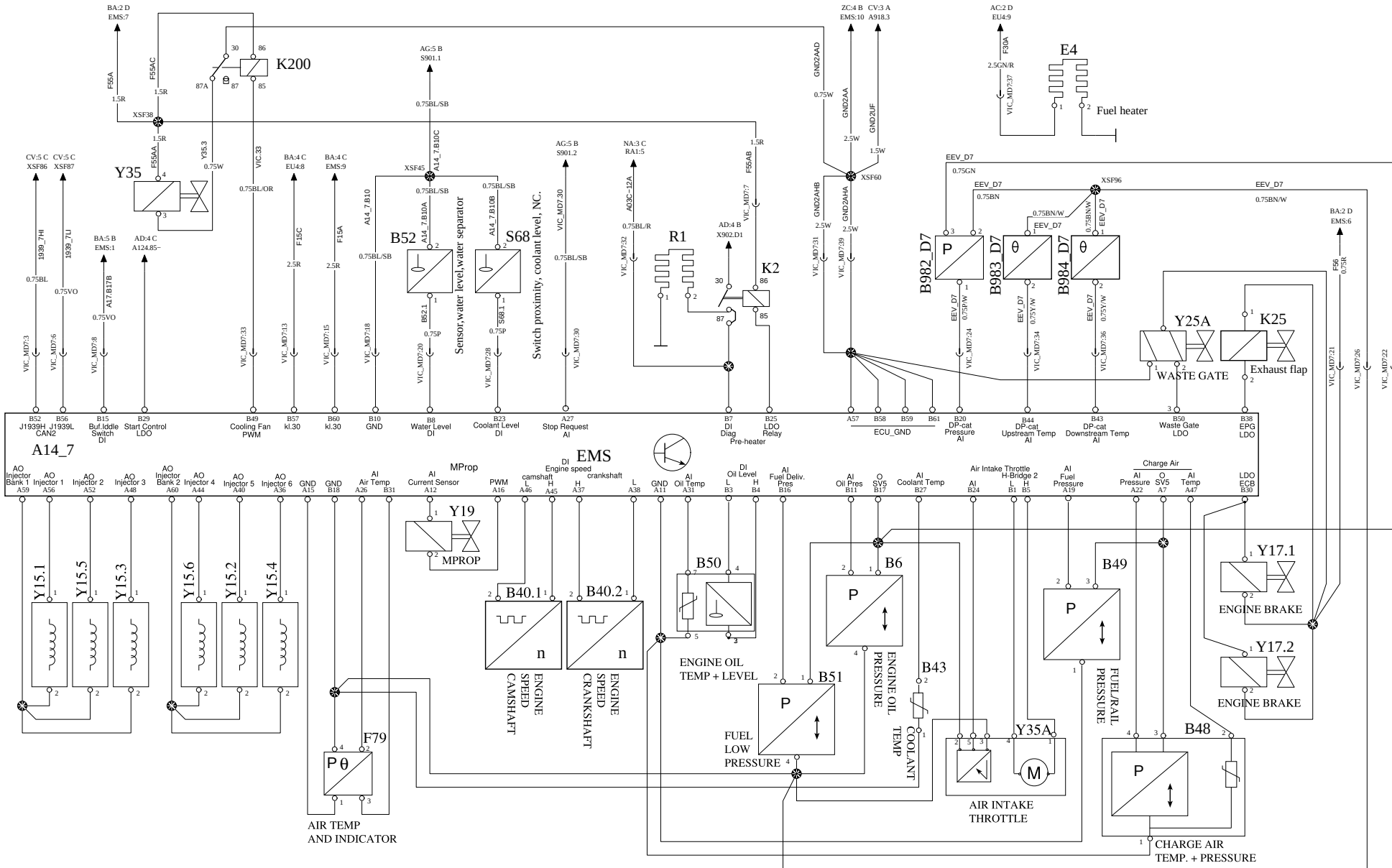
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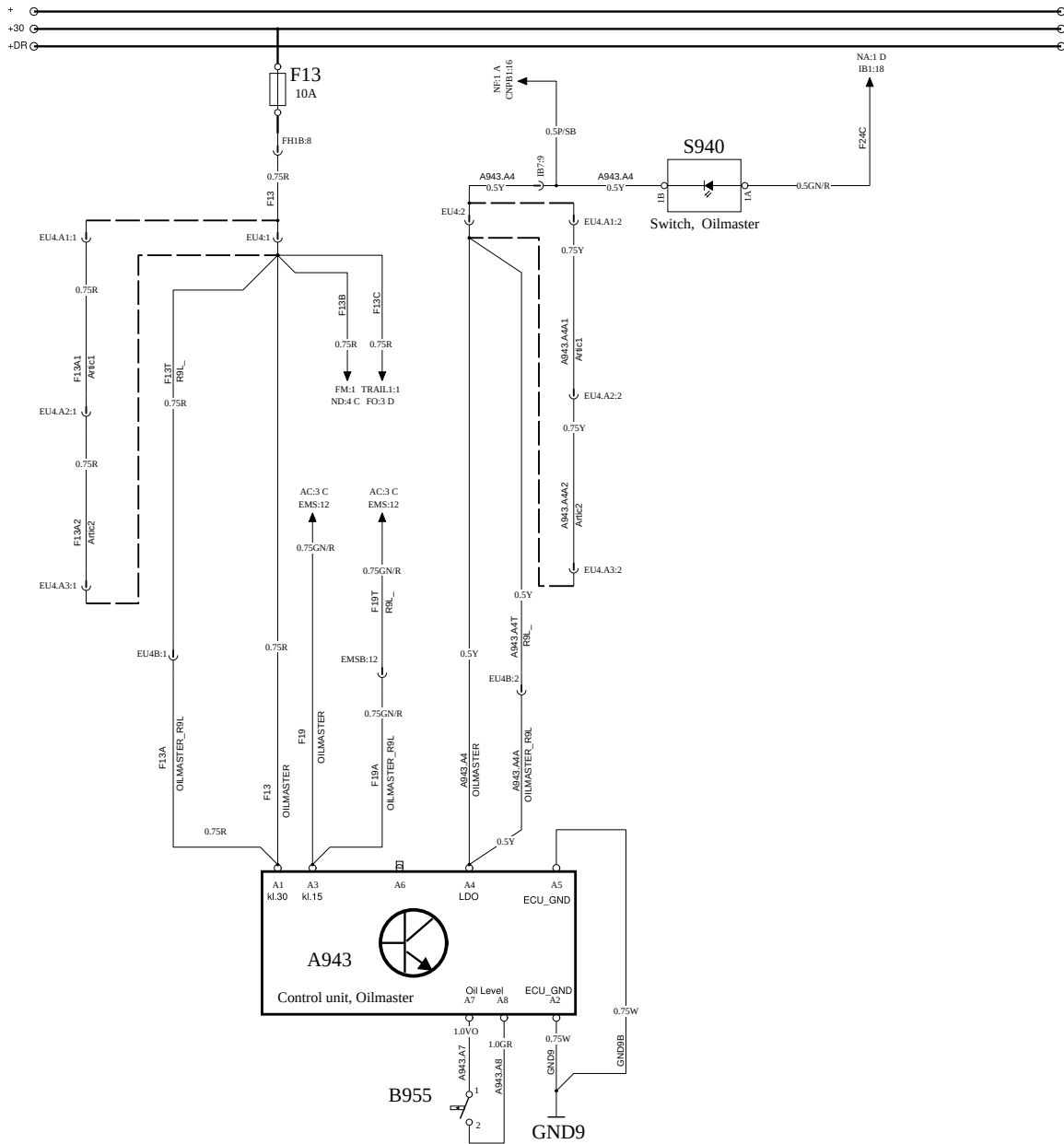






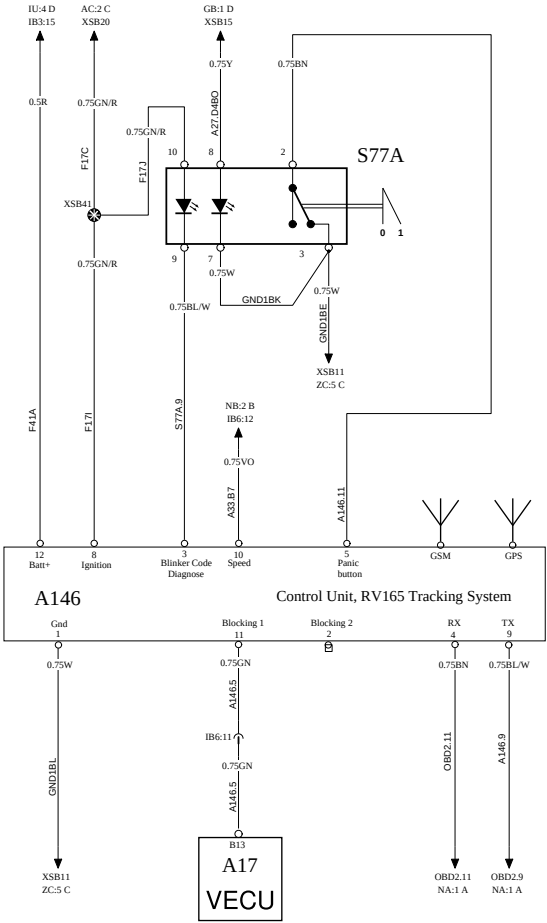
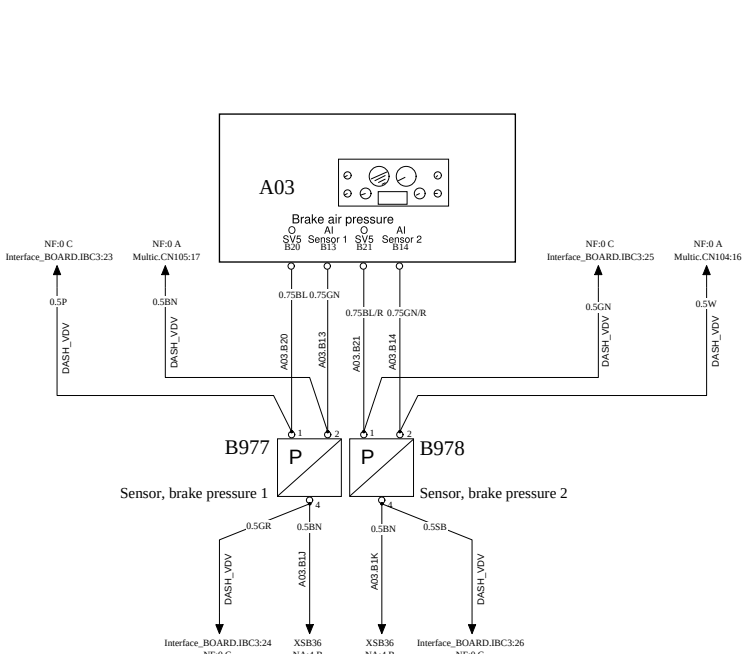
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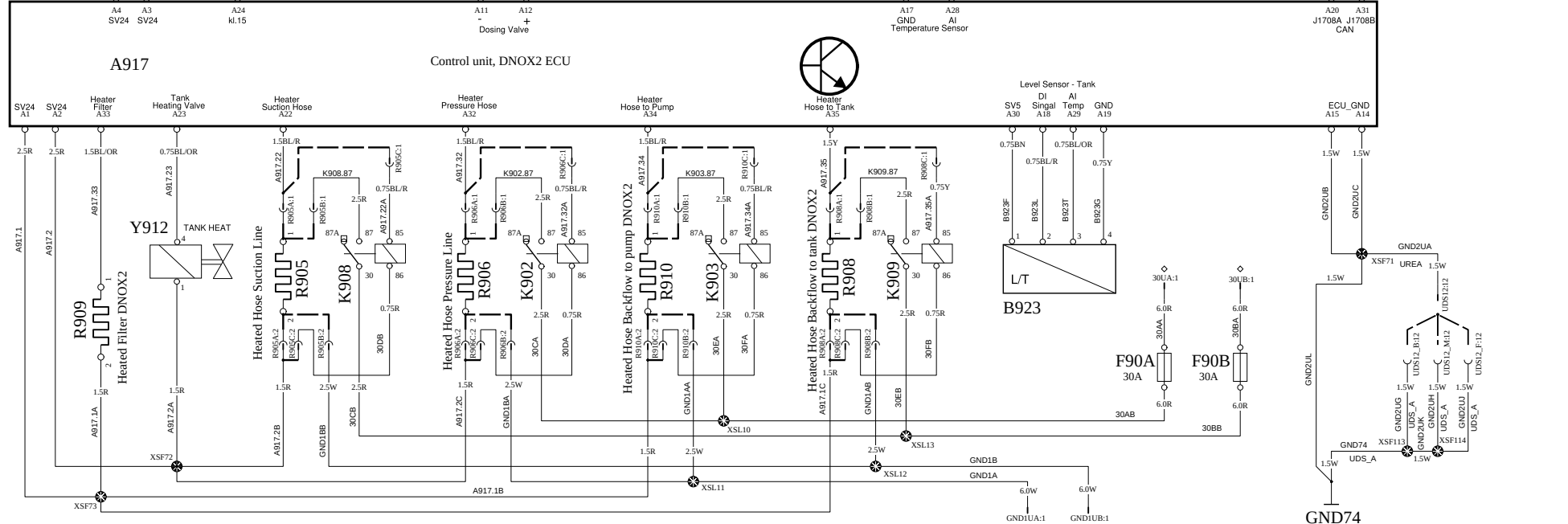
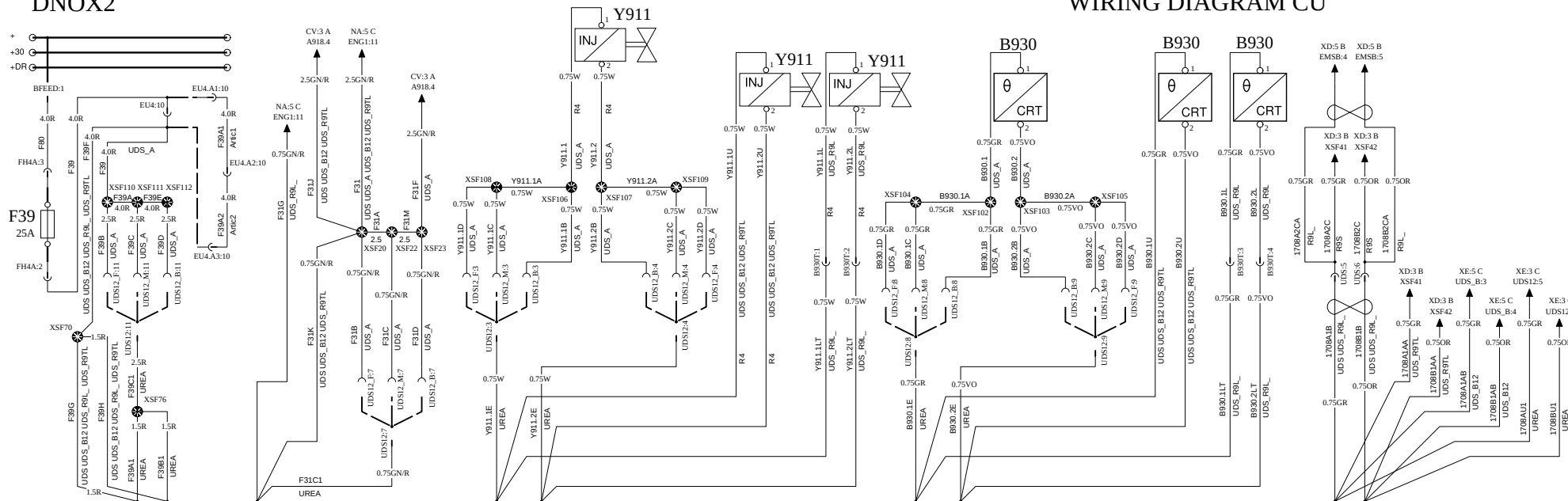
BIC AND RTVW

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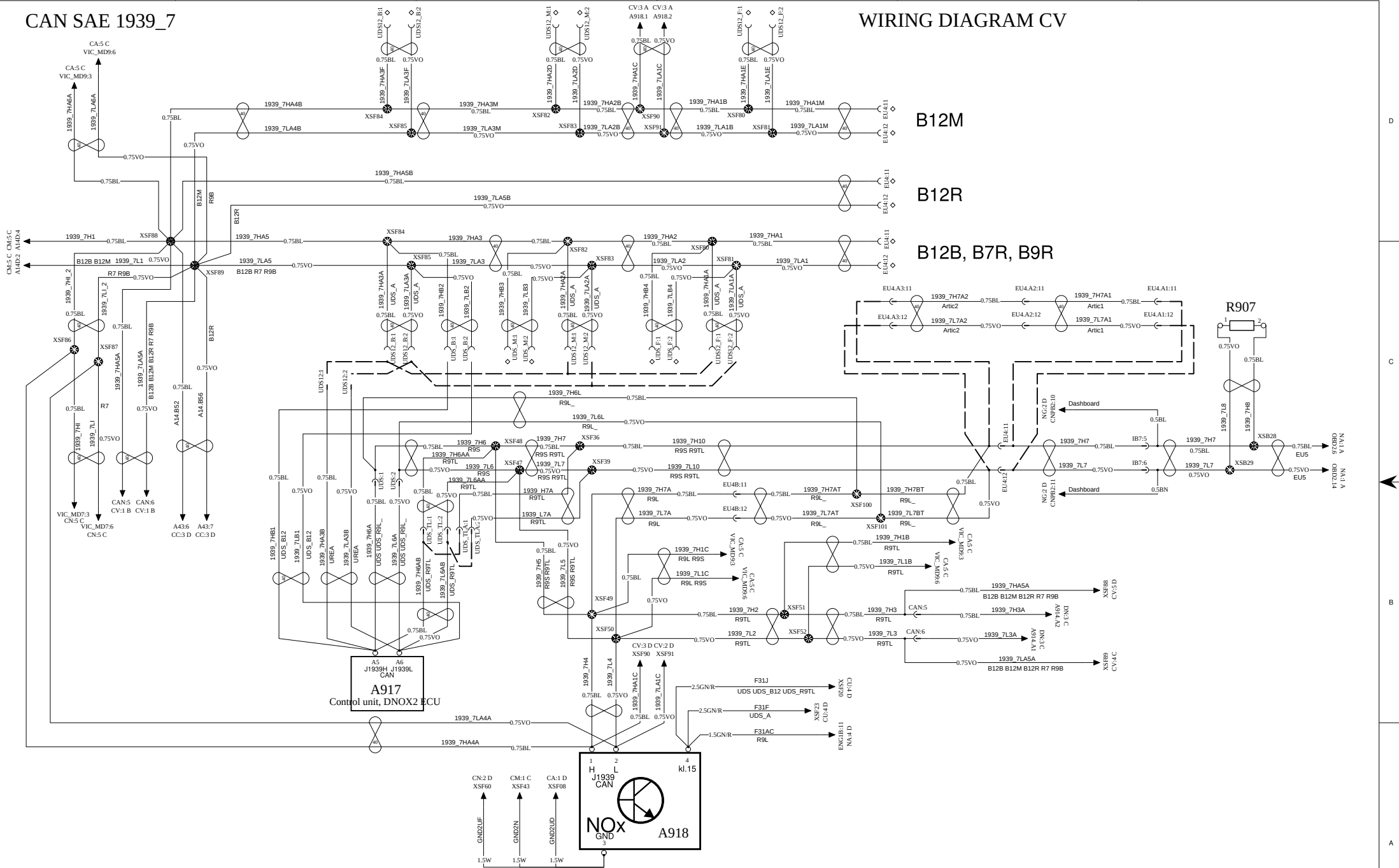
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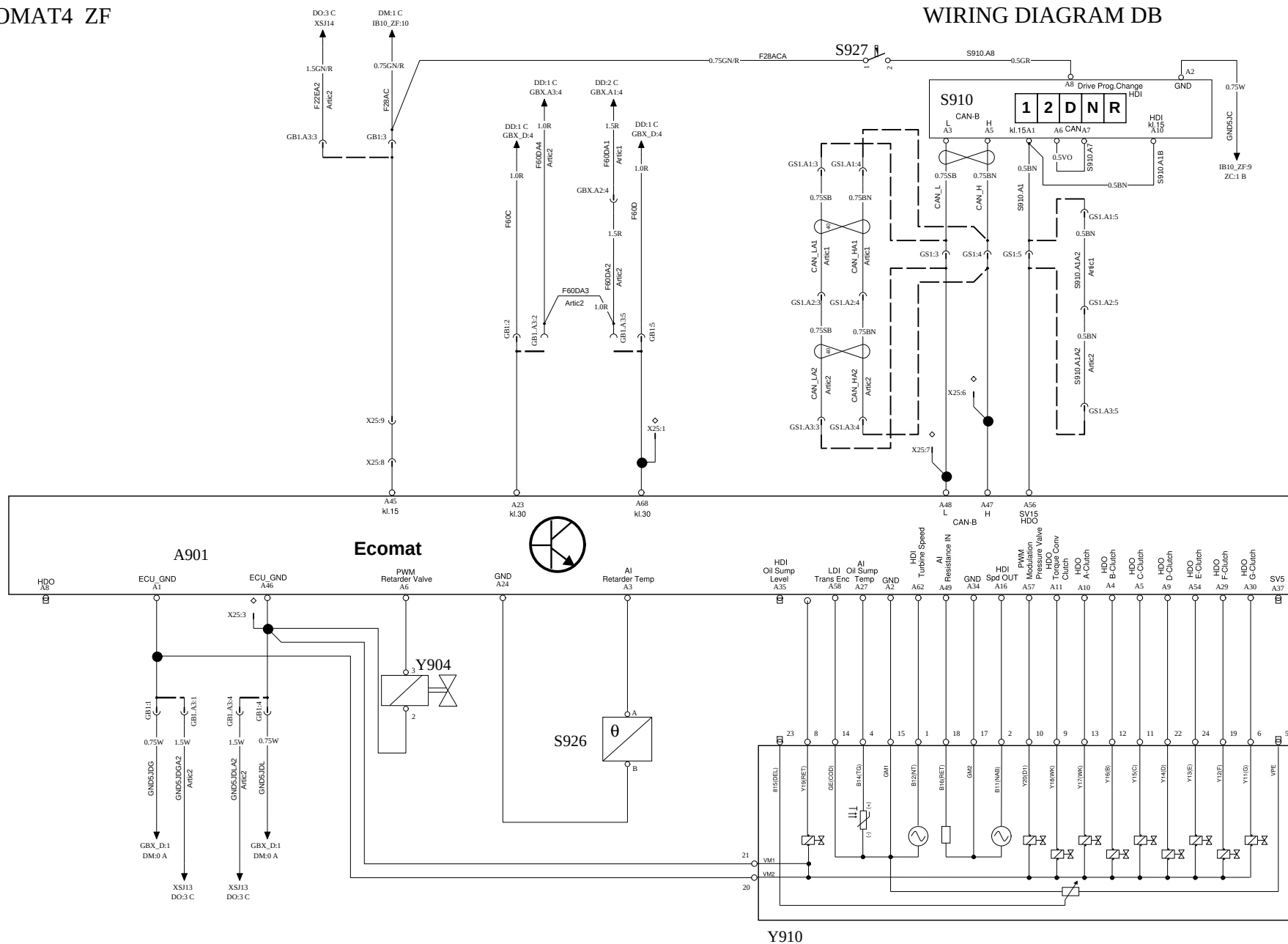
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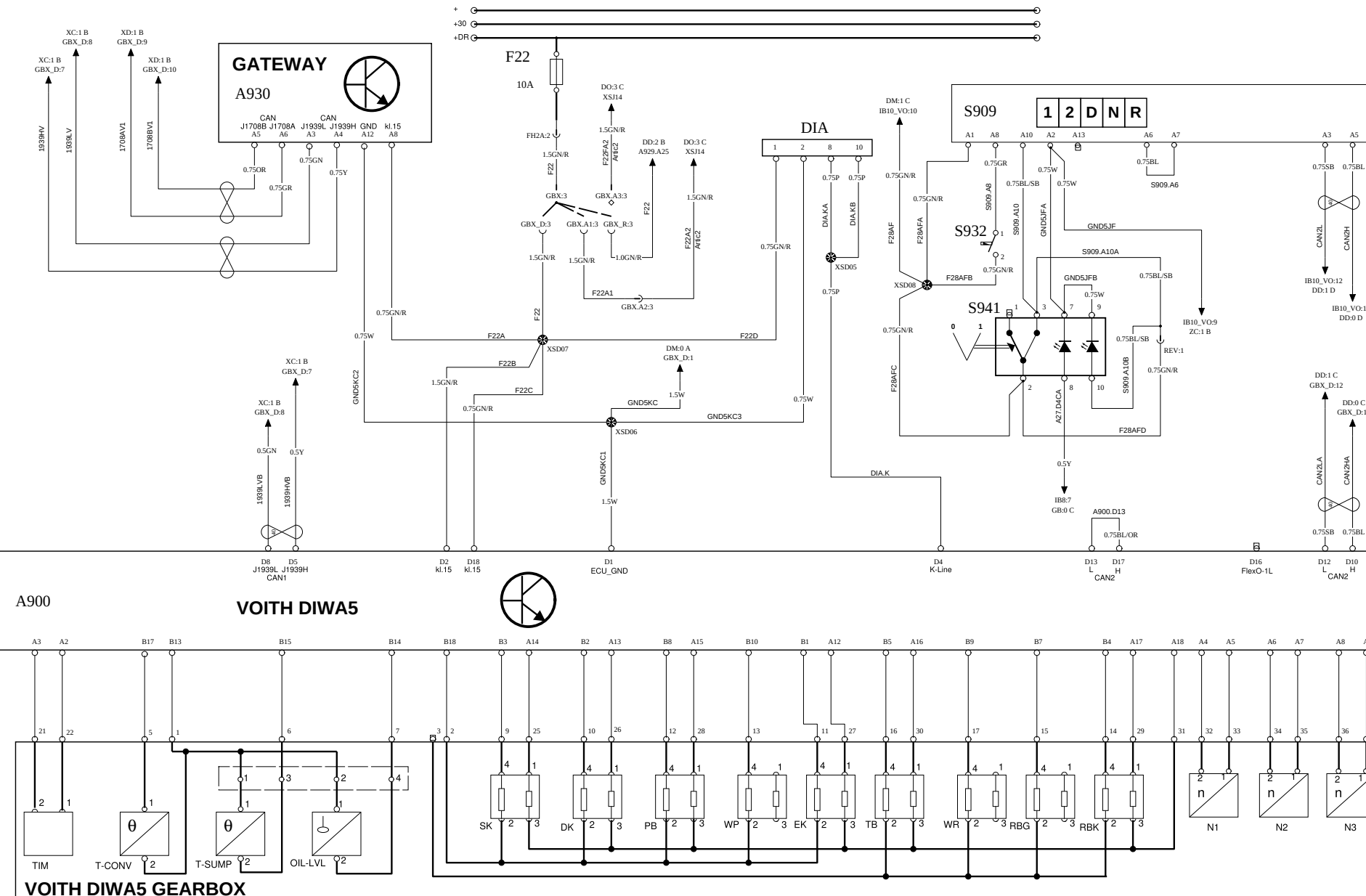
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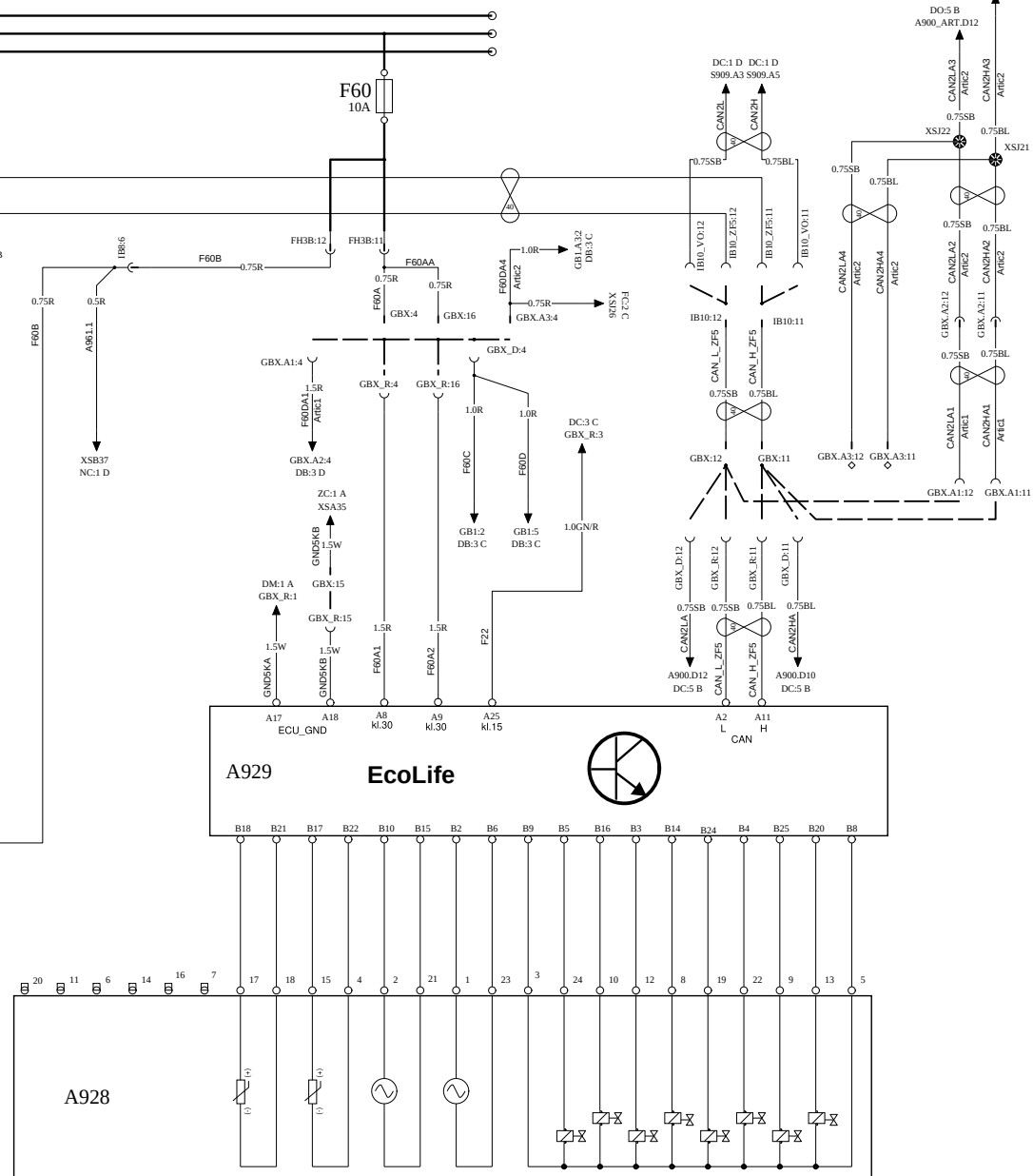
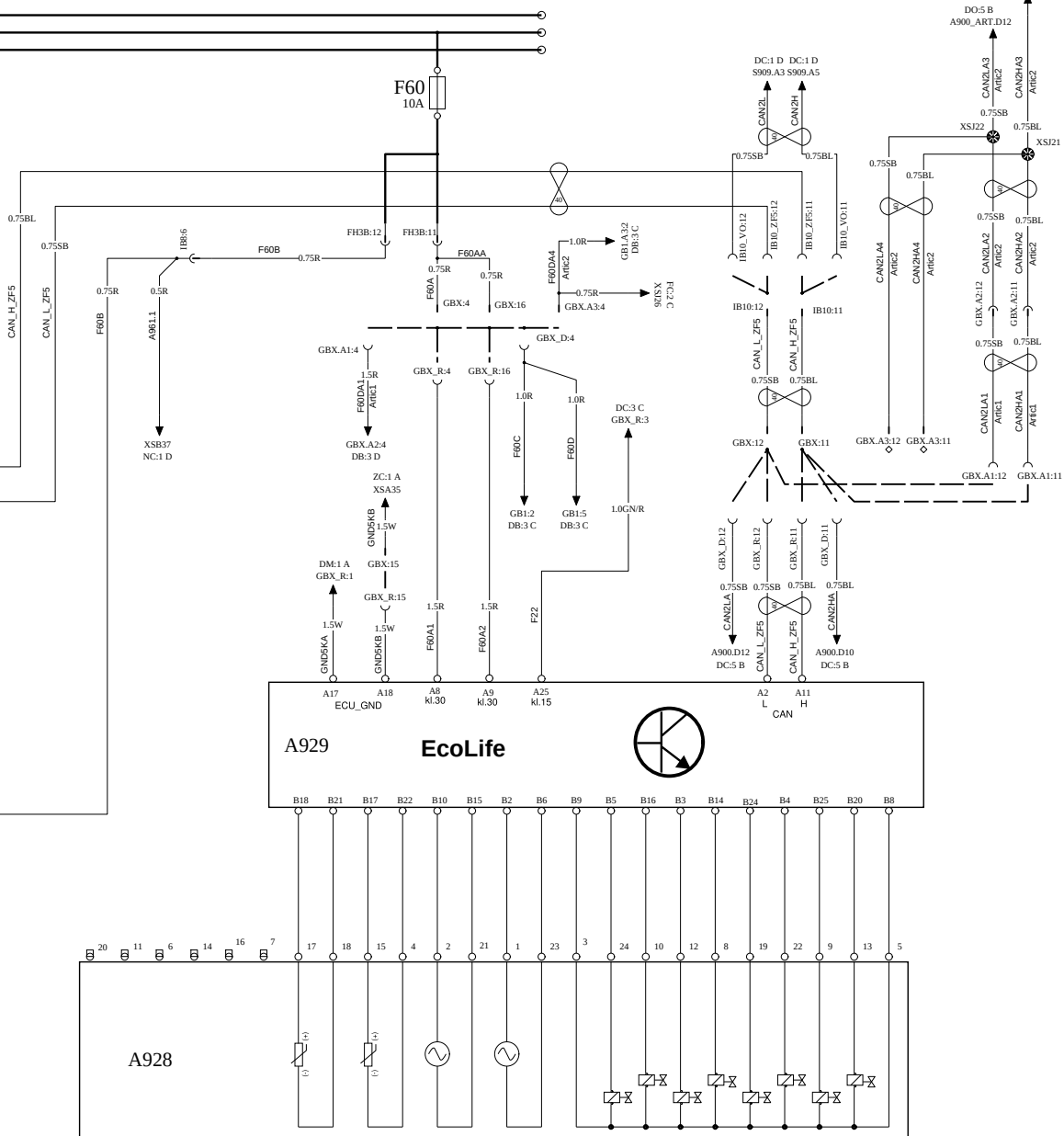
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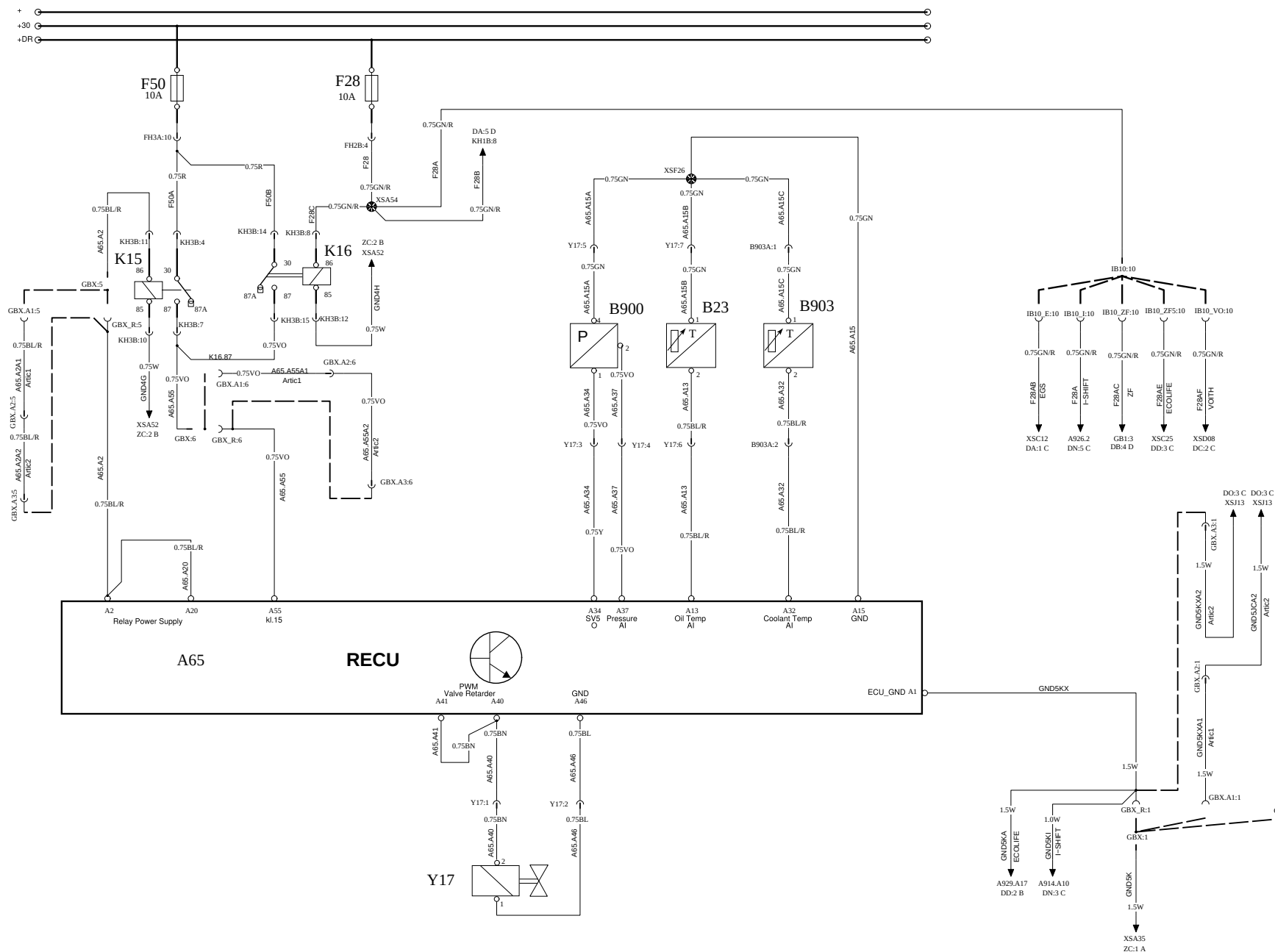
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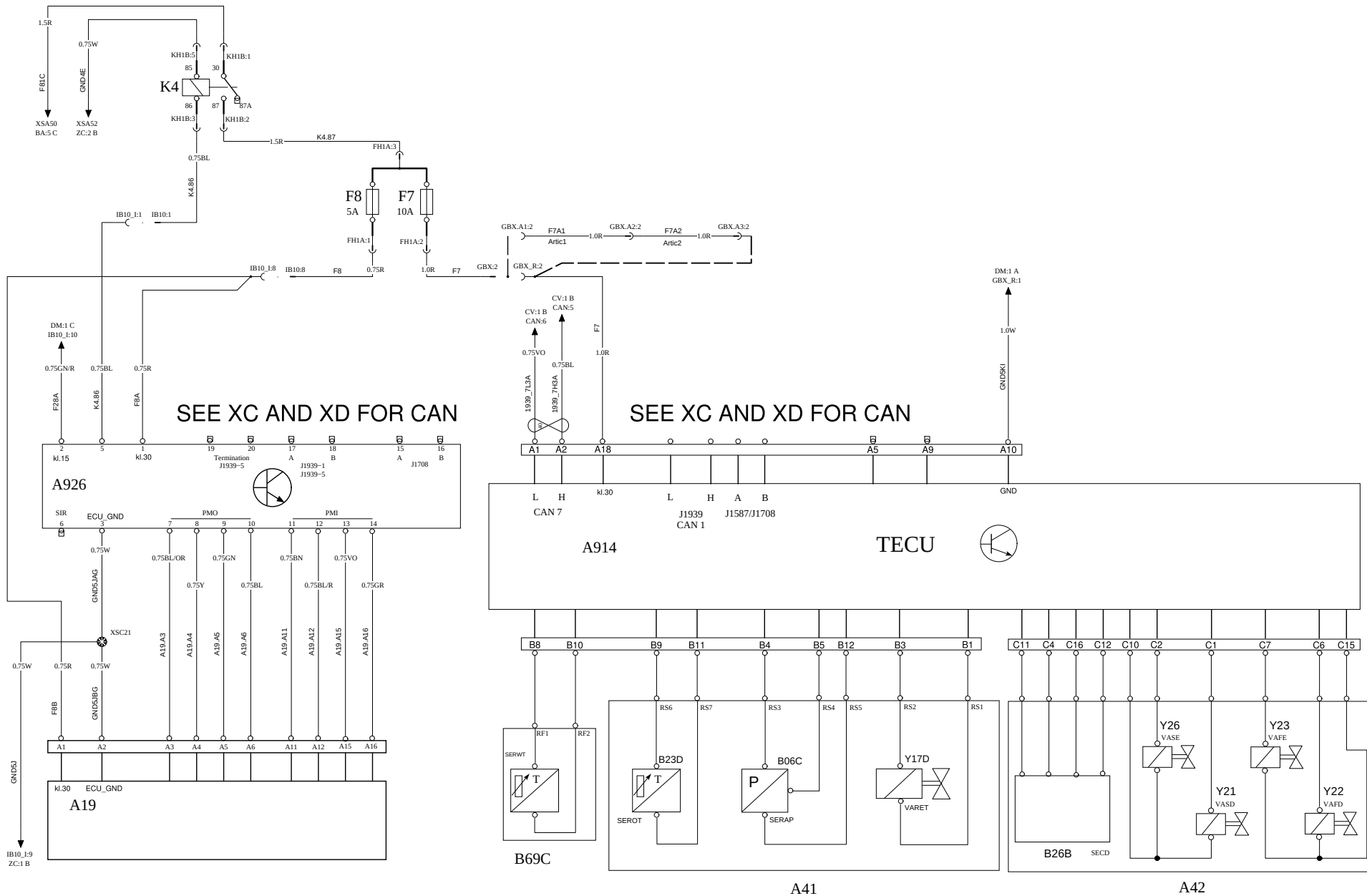
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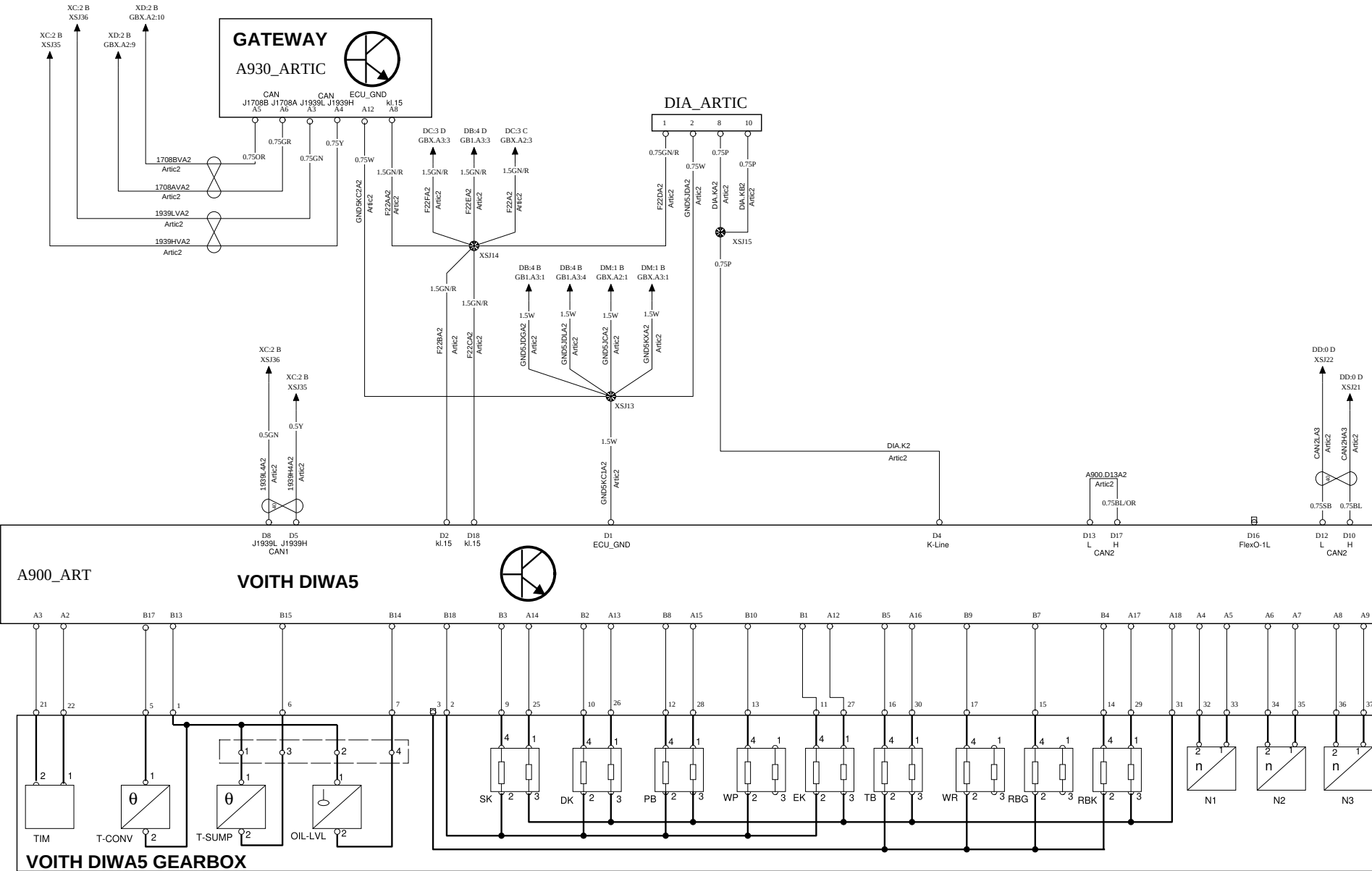
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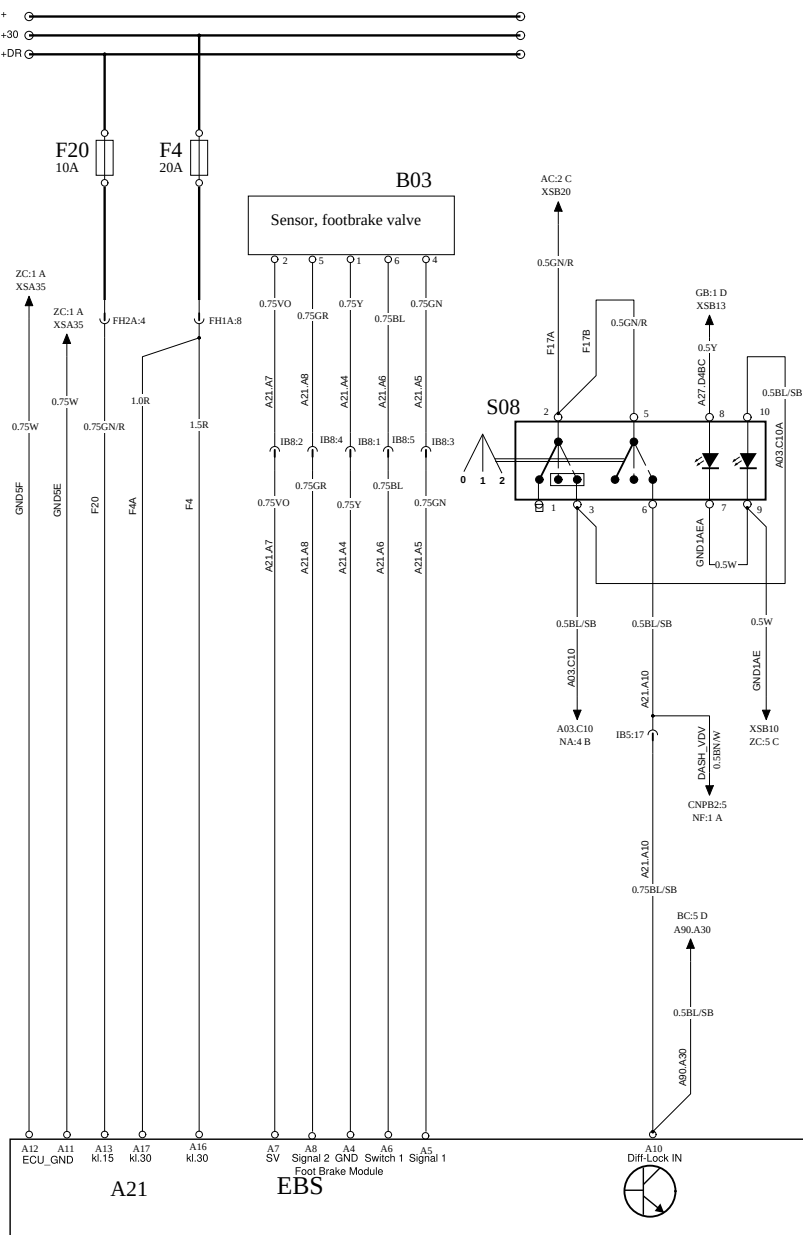


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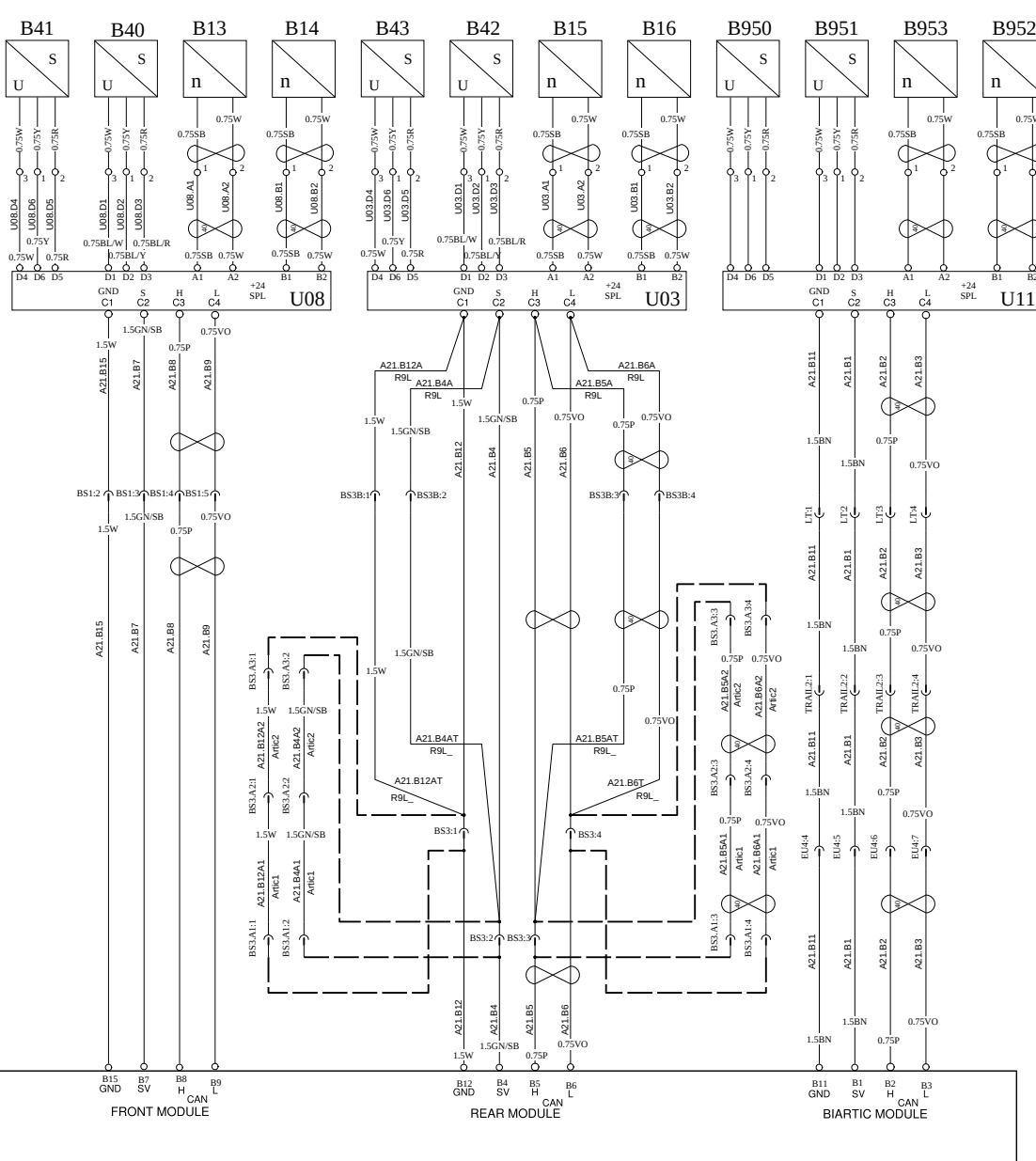
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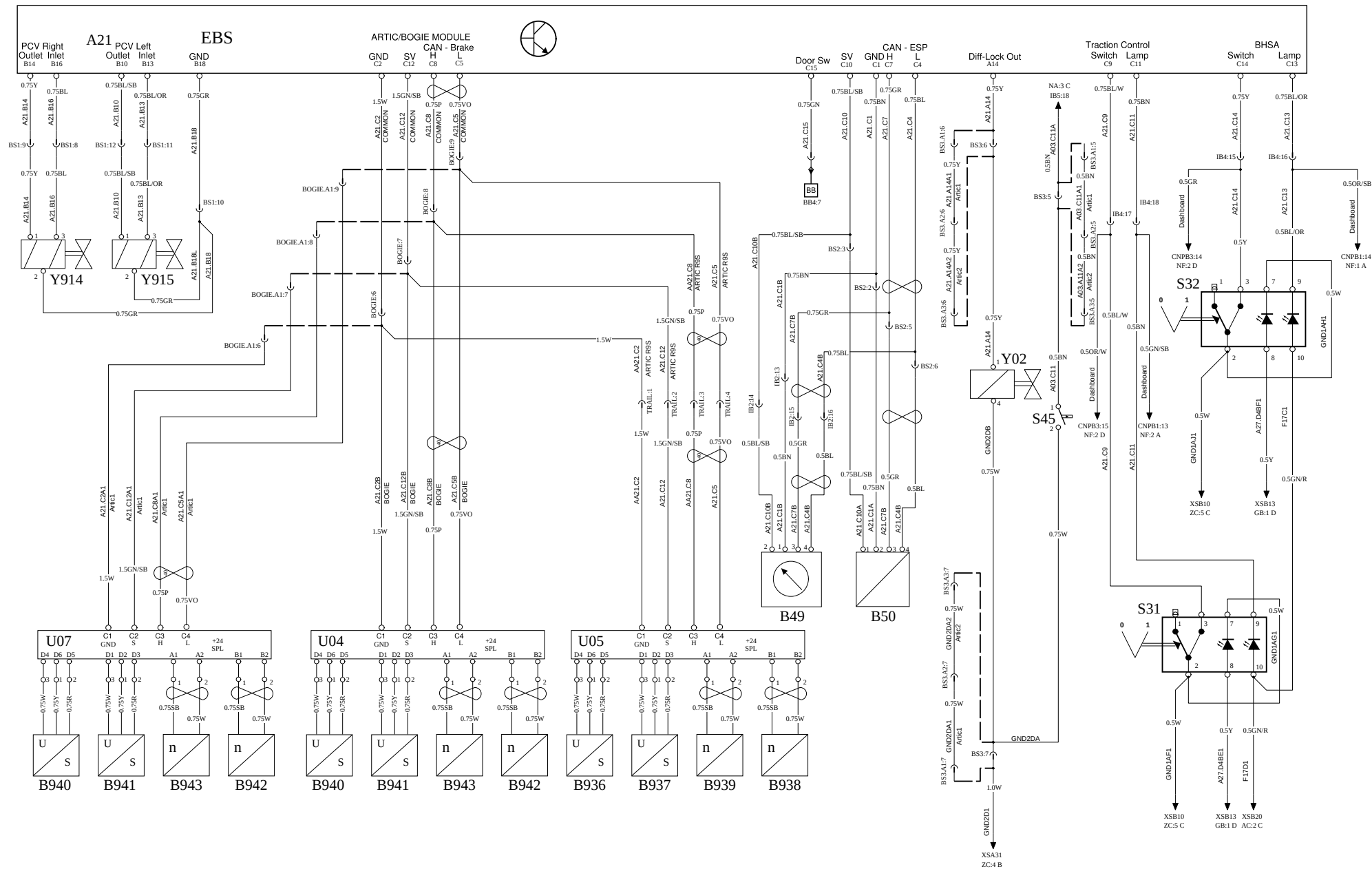


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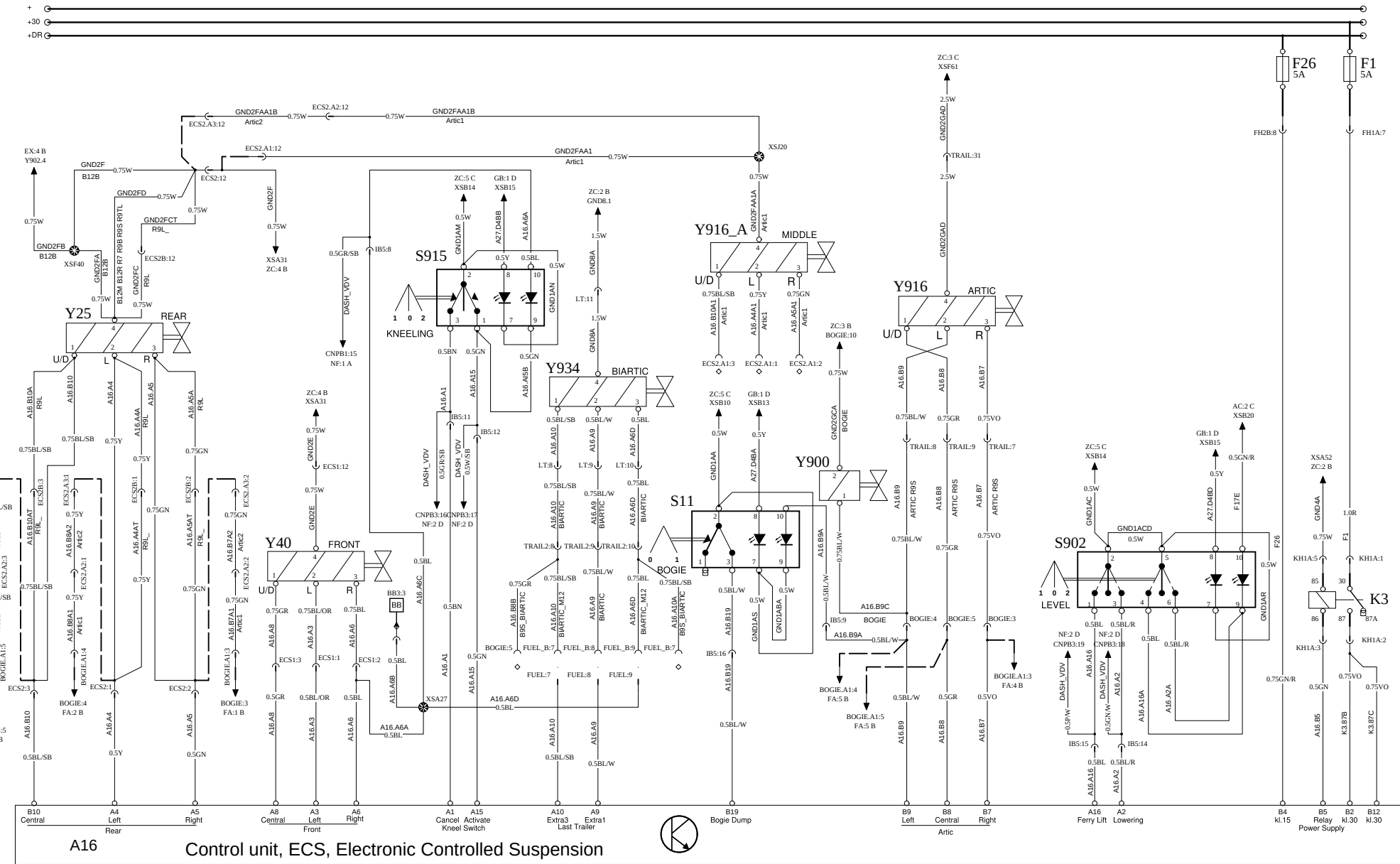
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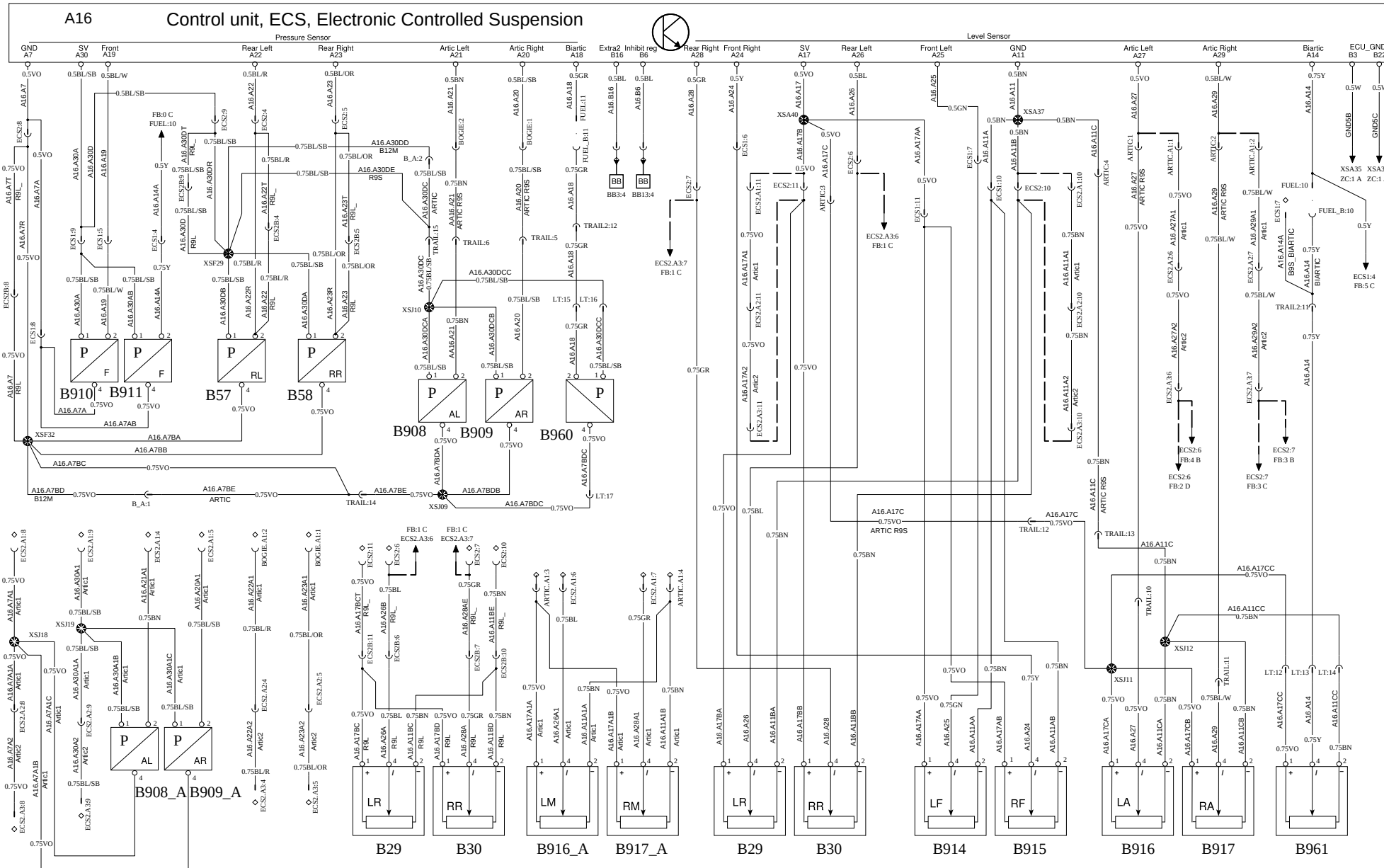
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WIRING DIAGRAM FA



AIR SUSPENSION ECS

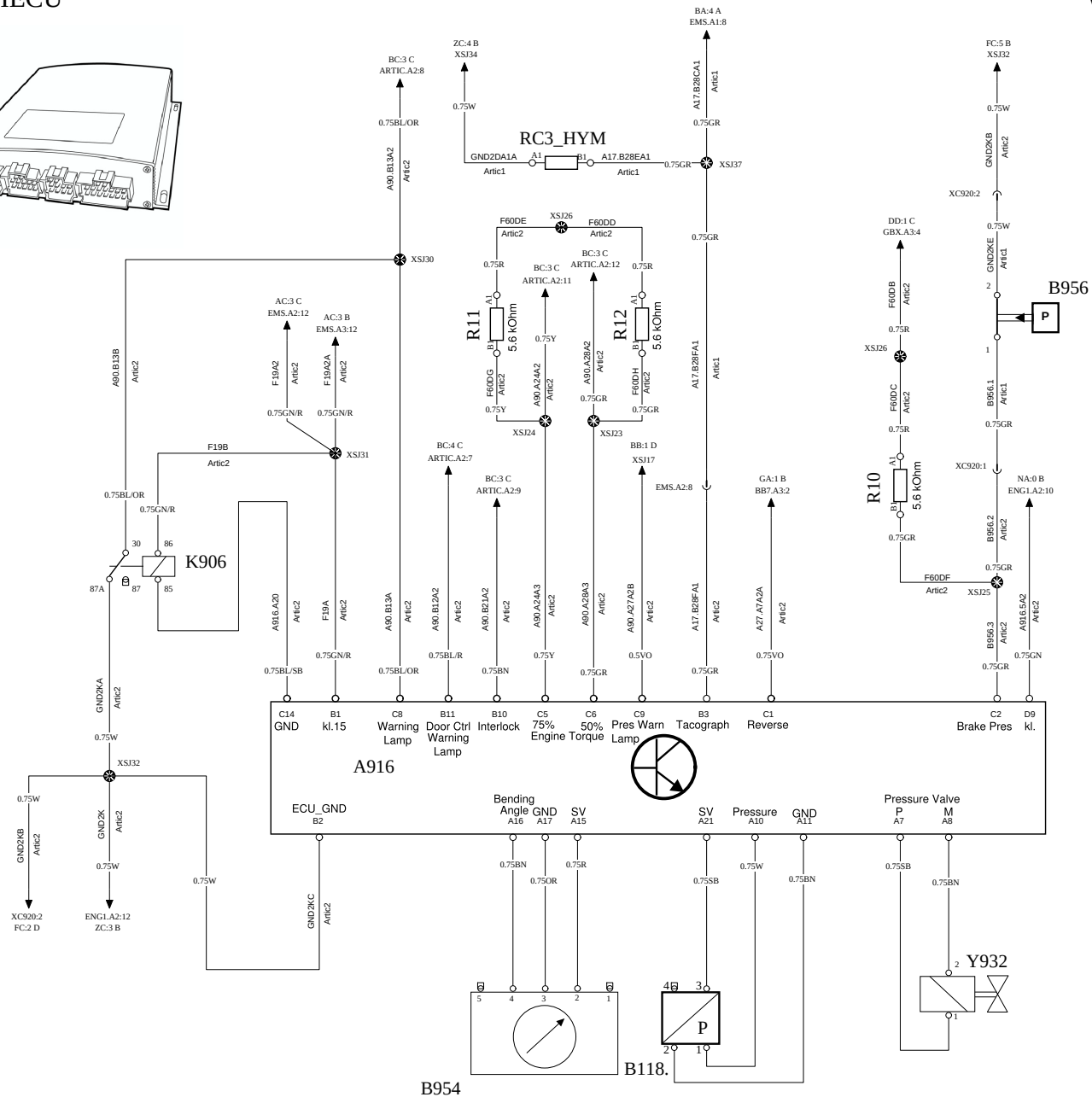
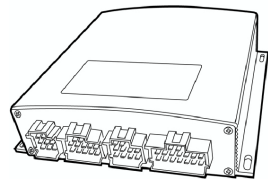
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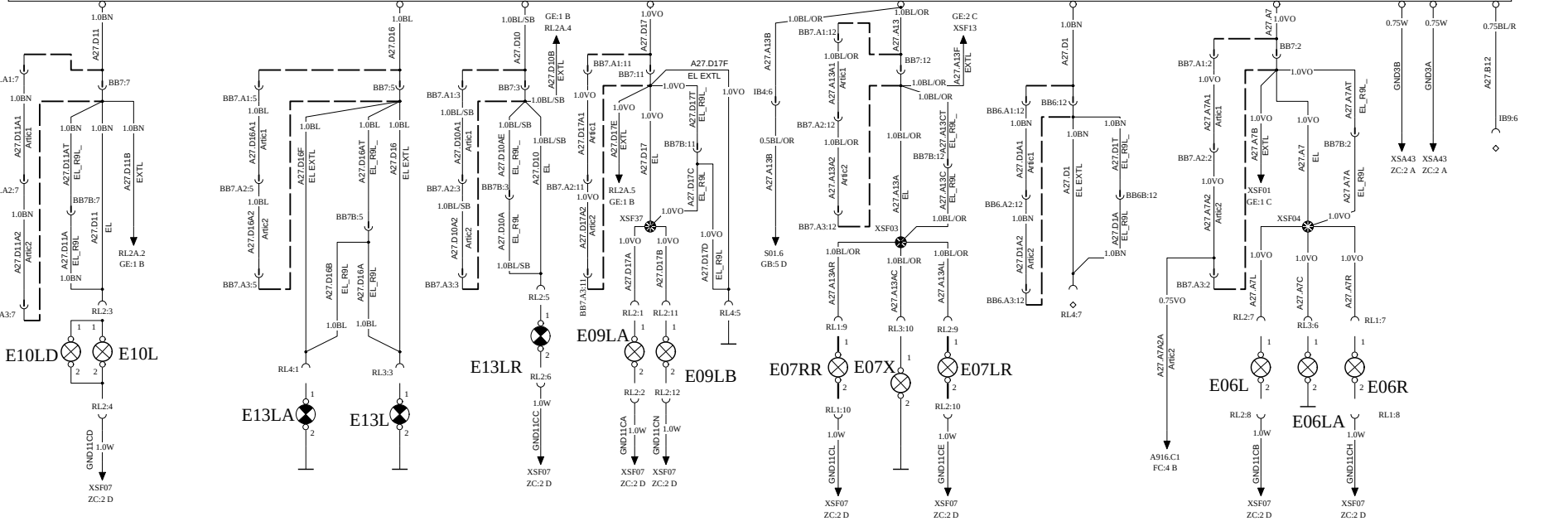
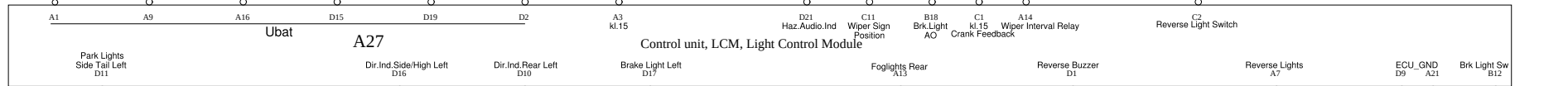
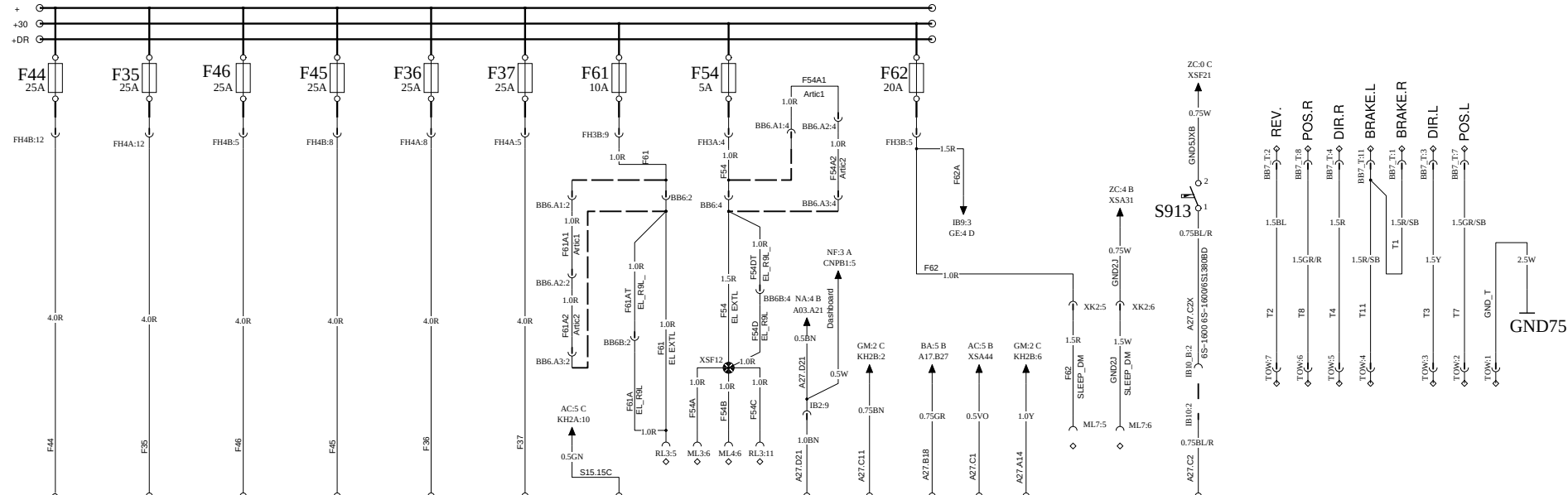
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LCM

REAR LIGHTS

WIRING DIAGRAM GA



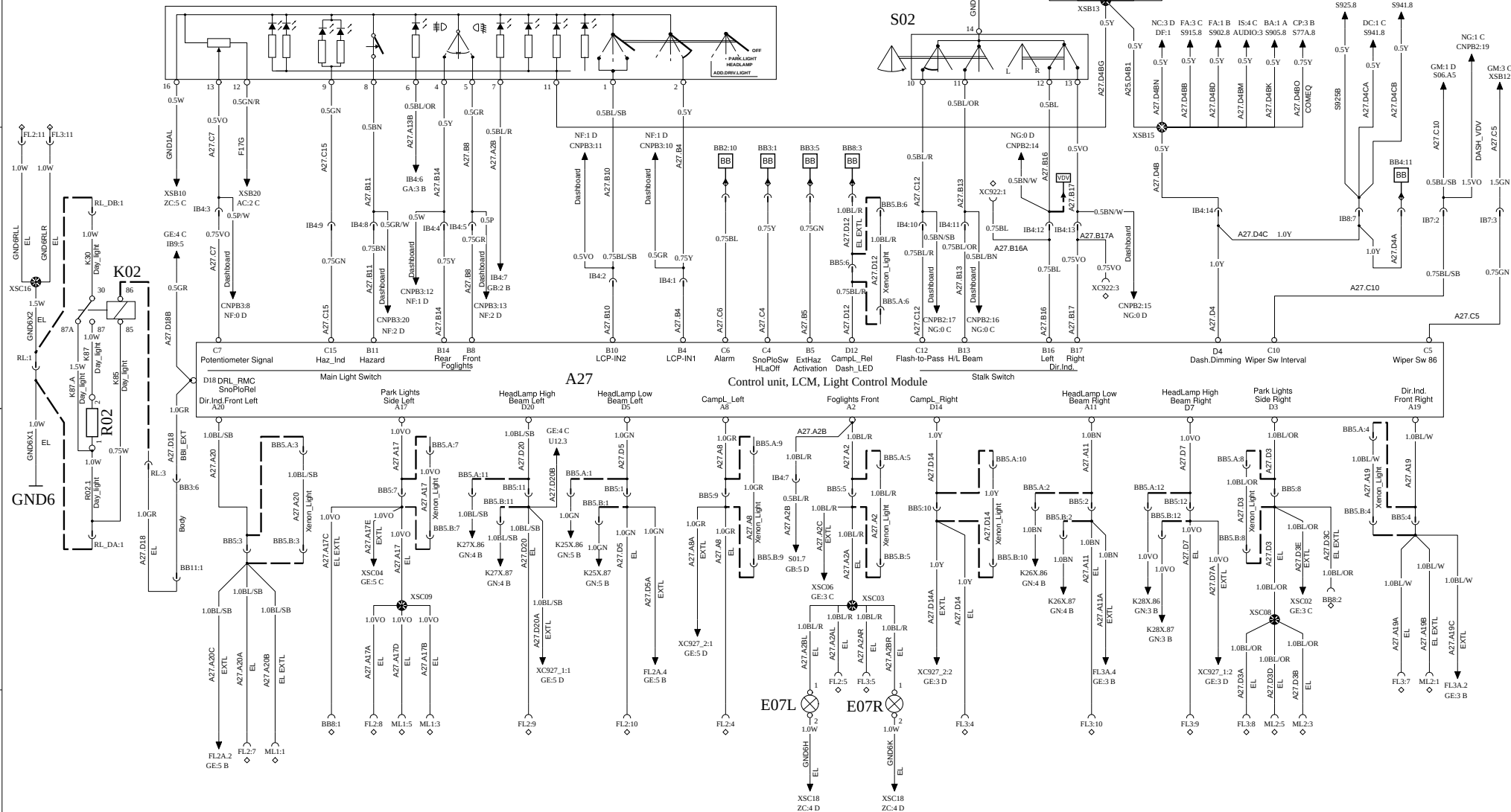
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FRONT LIGHTS

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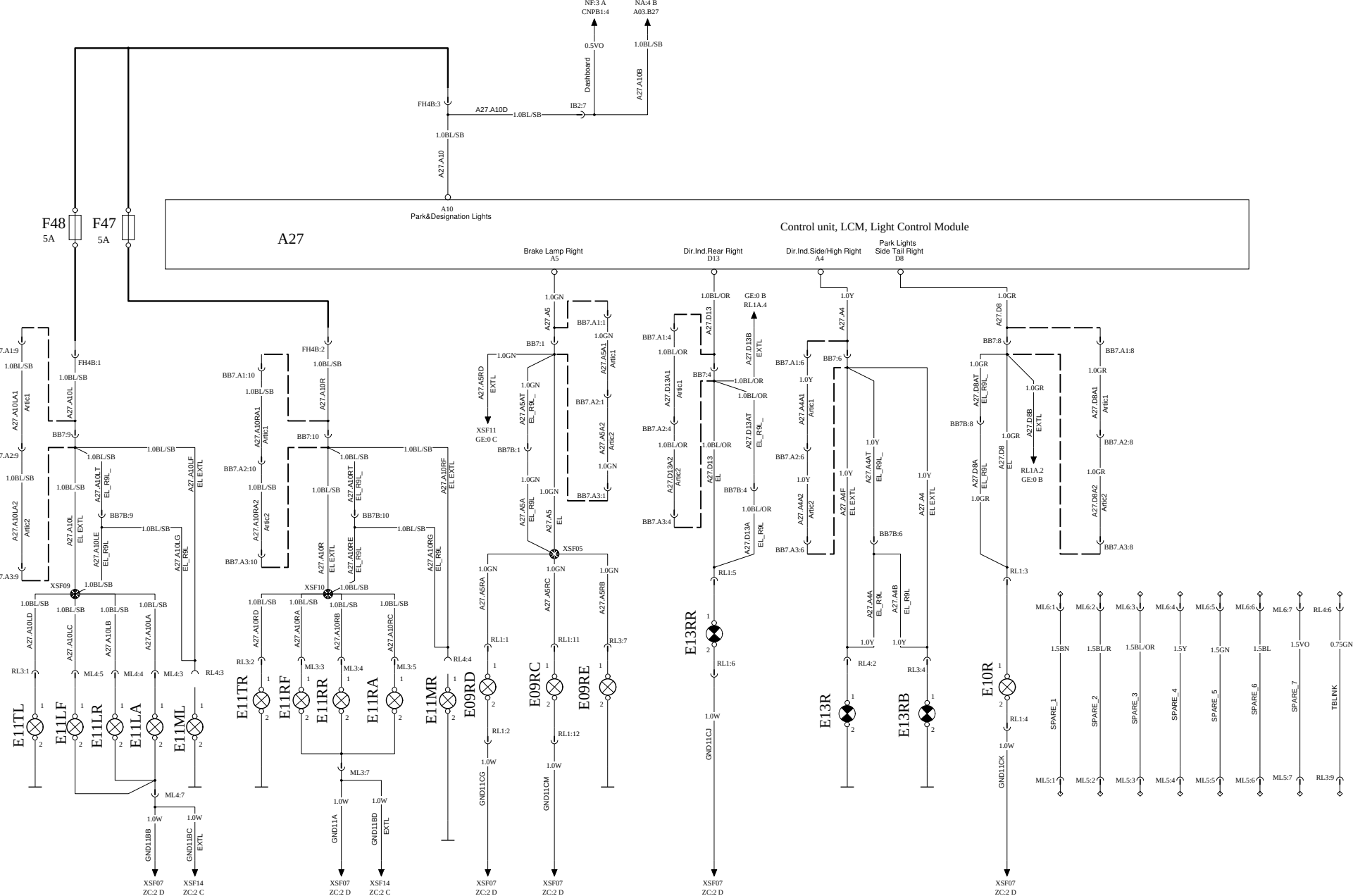
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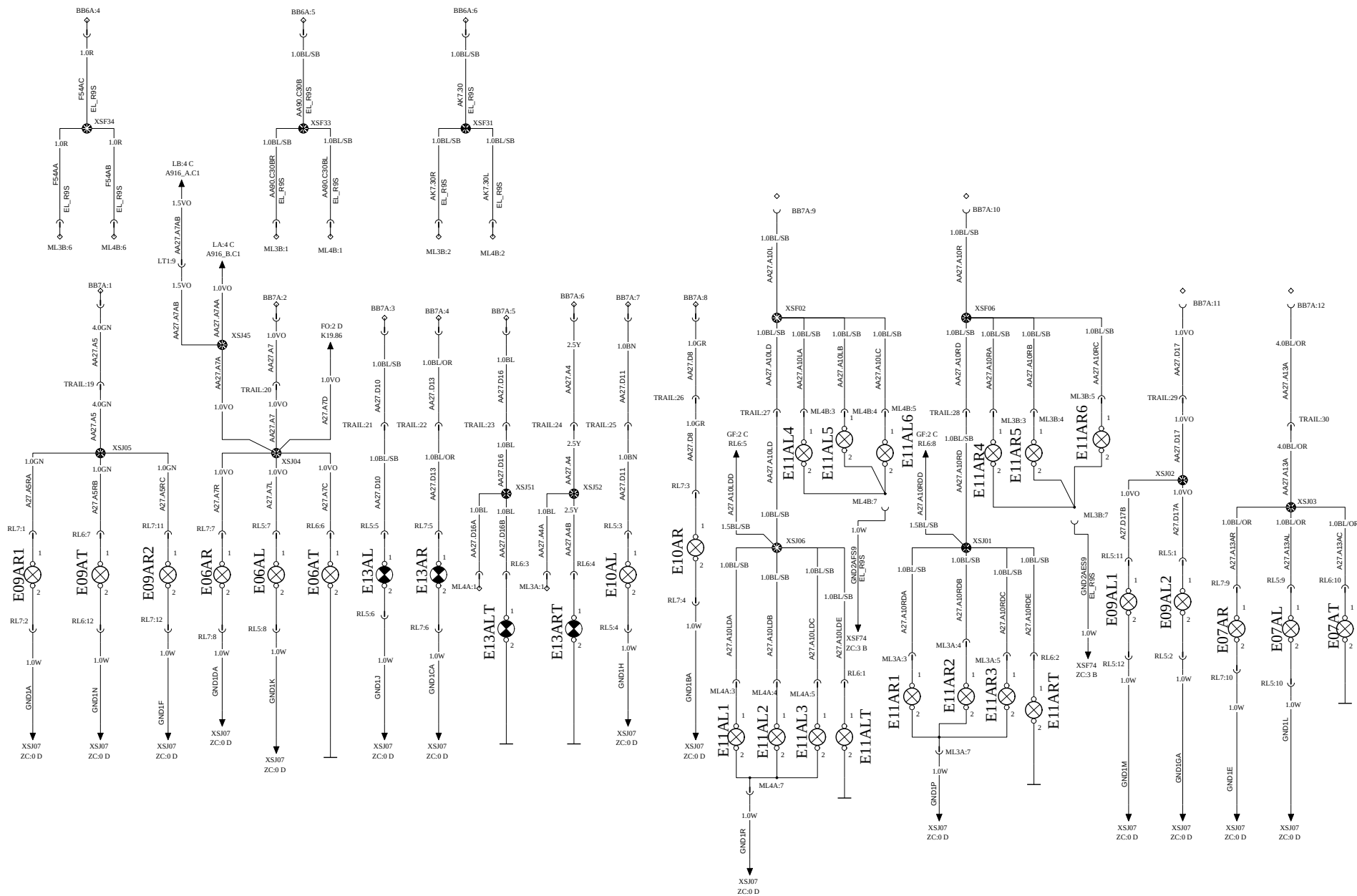


LCM

REAR LIGHTS

WIRING DIAGRAM GC



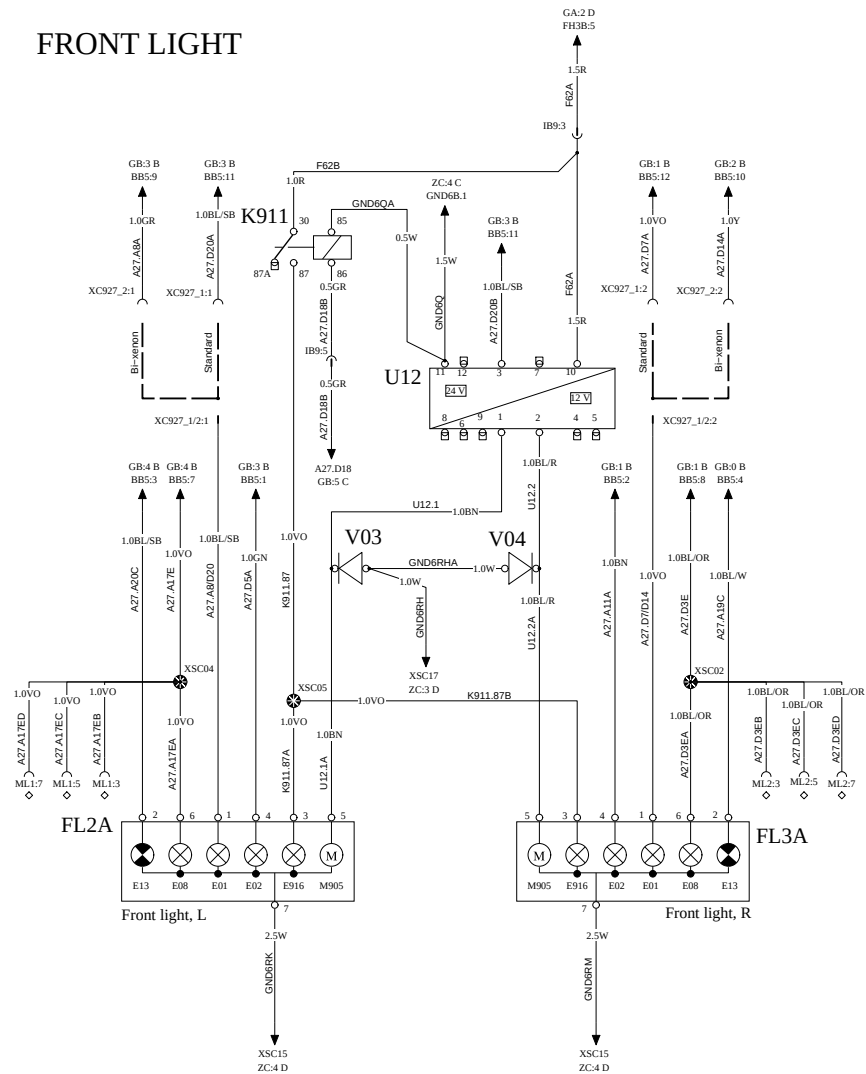


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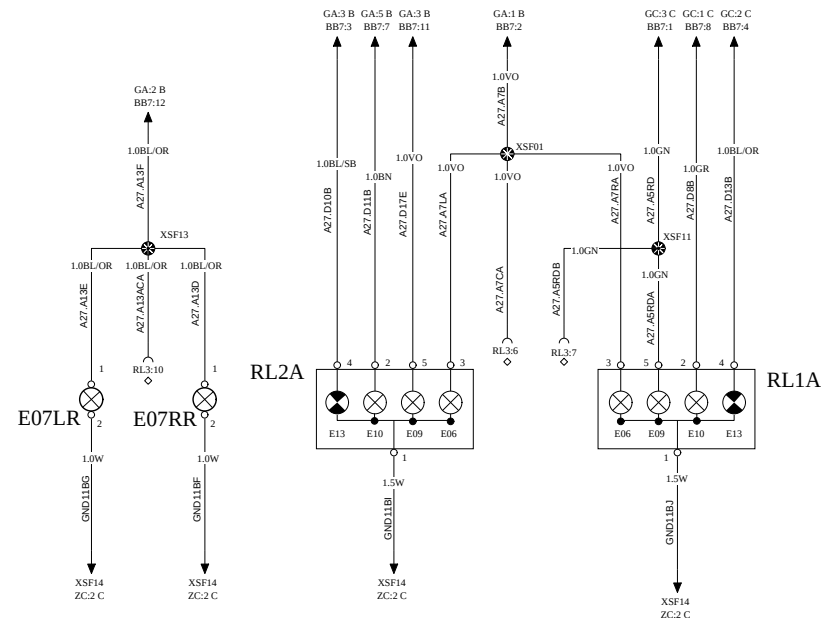
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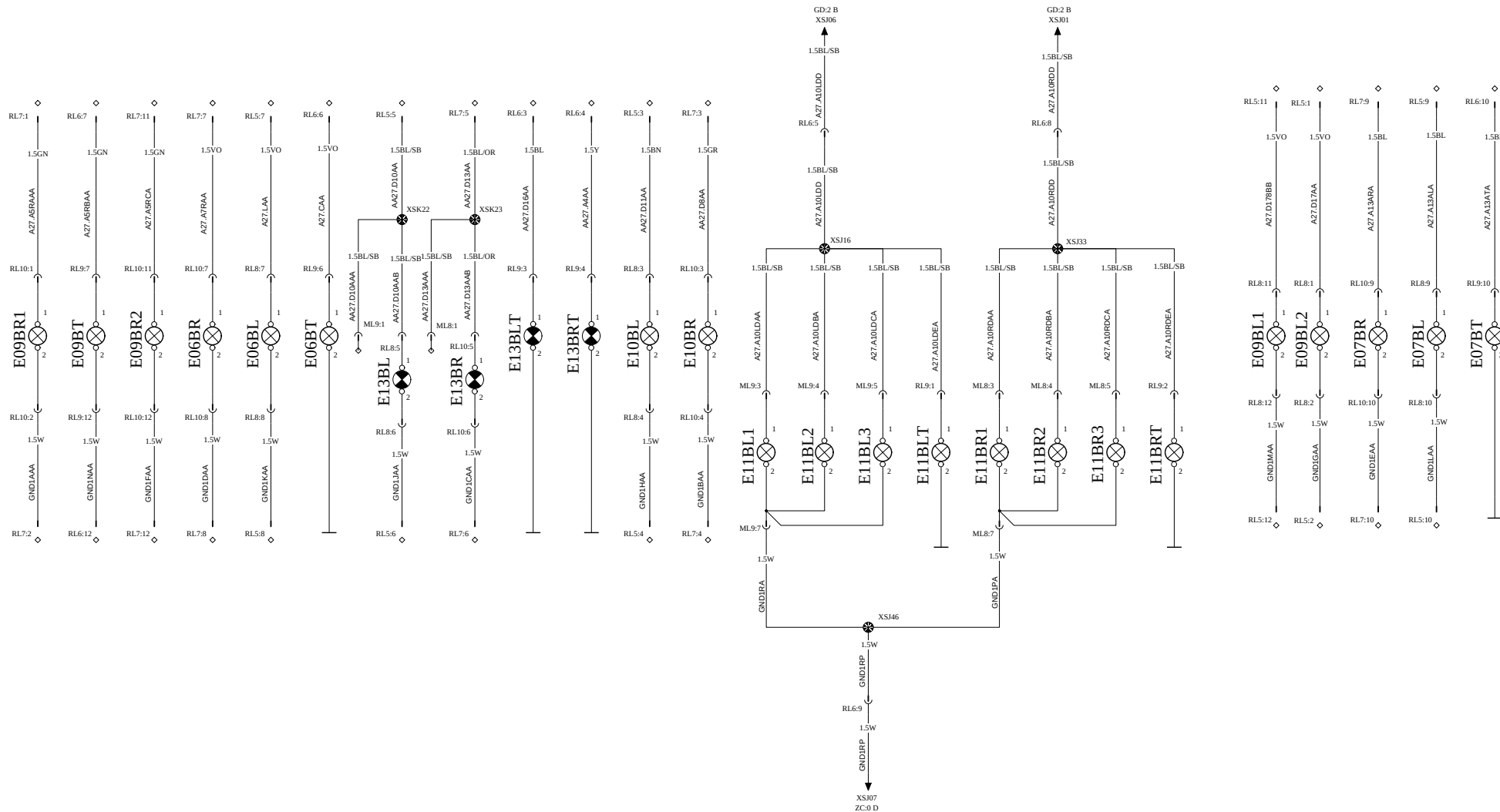


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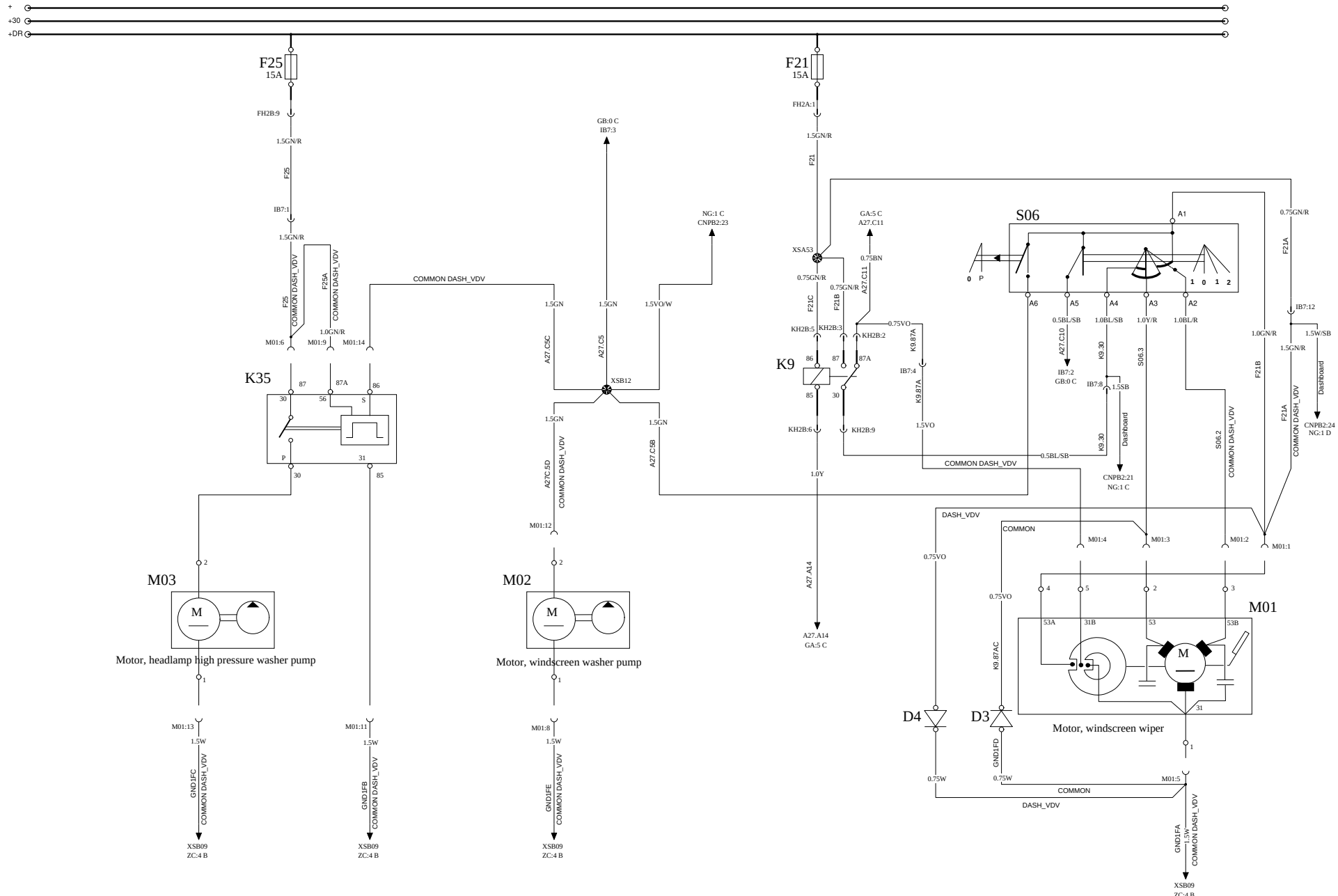
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WIPER, WASHER

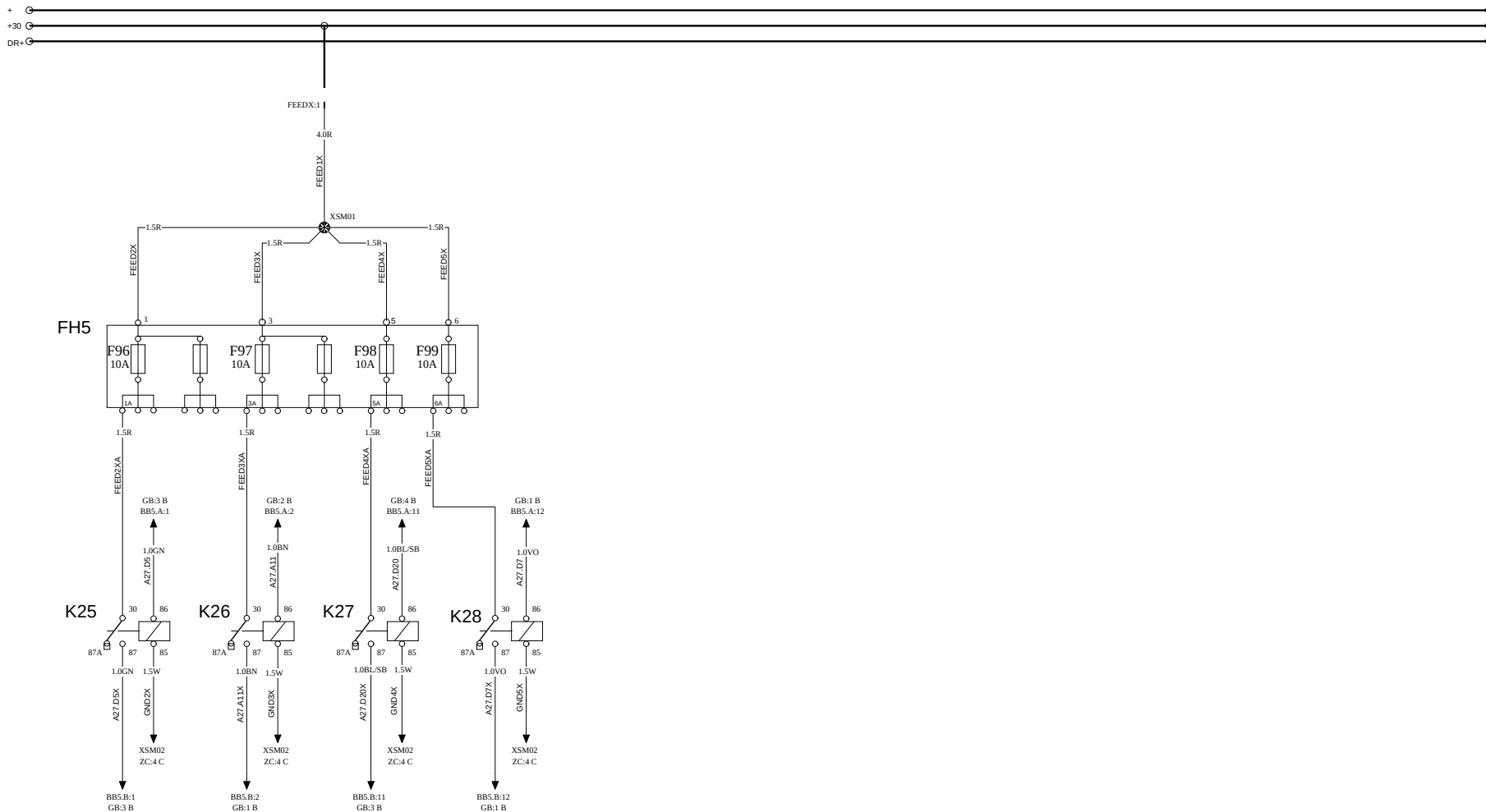
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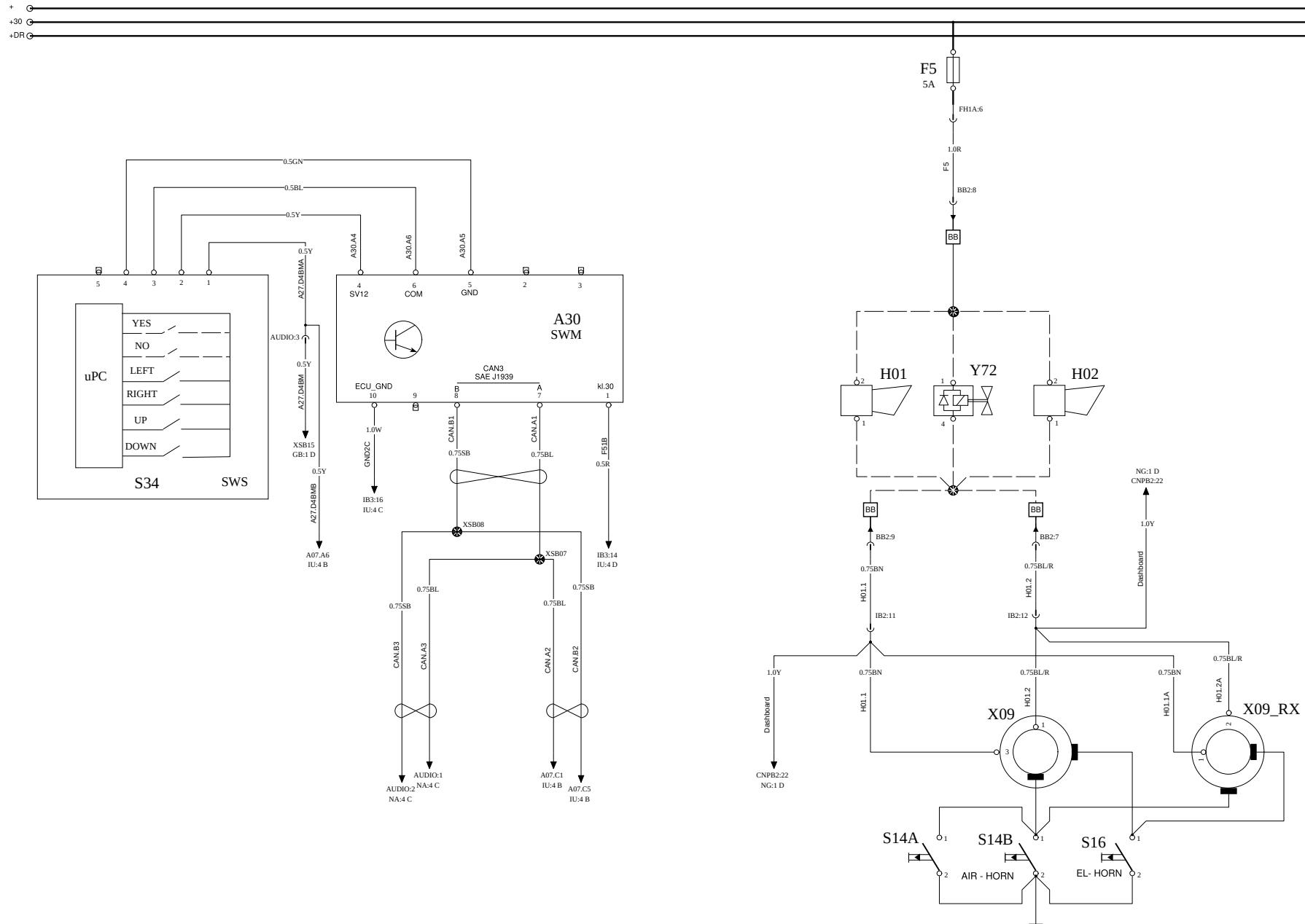
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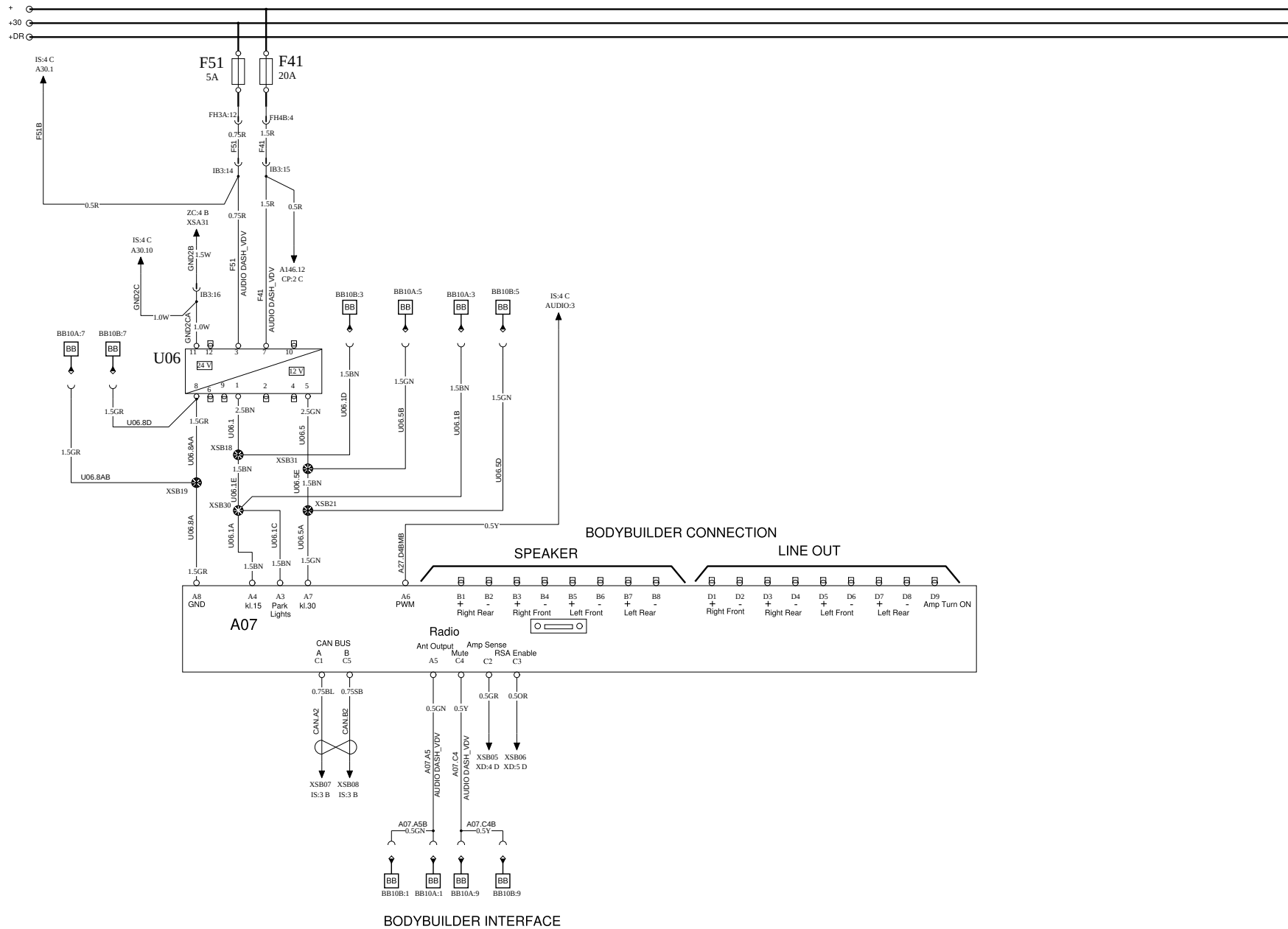
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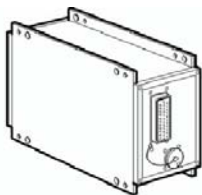


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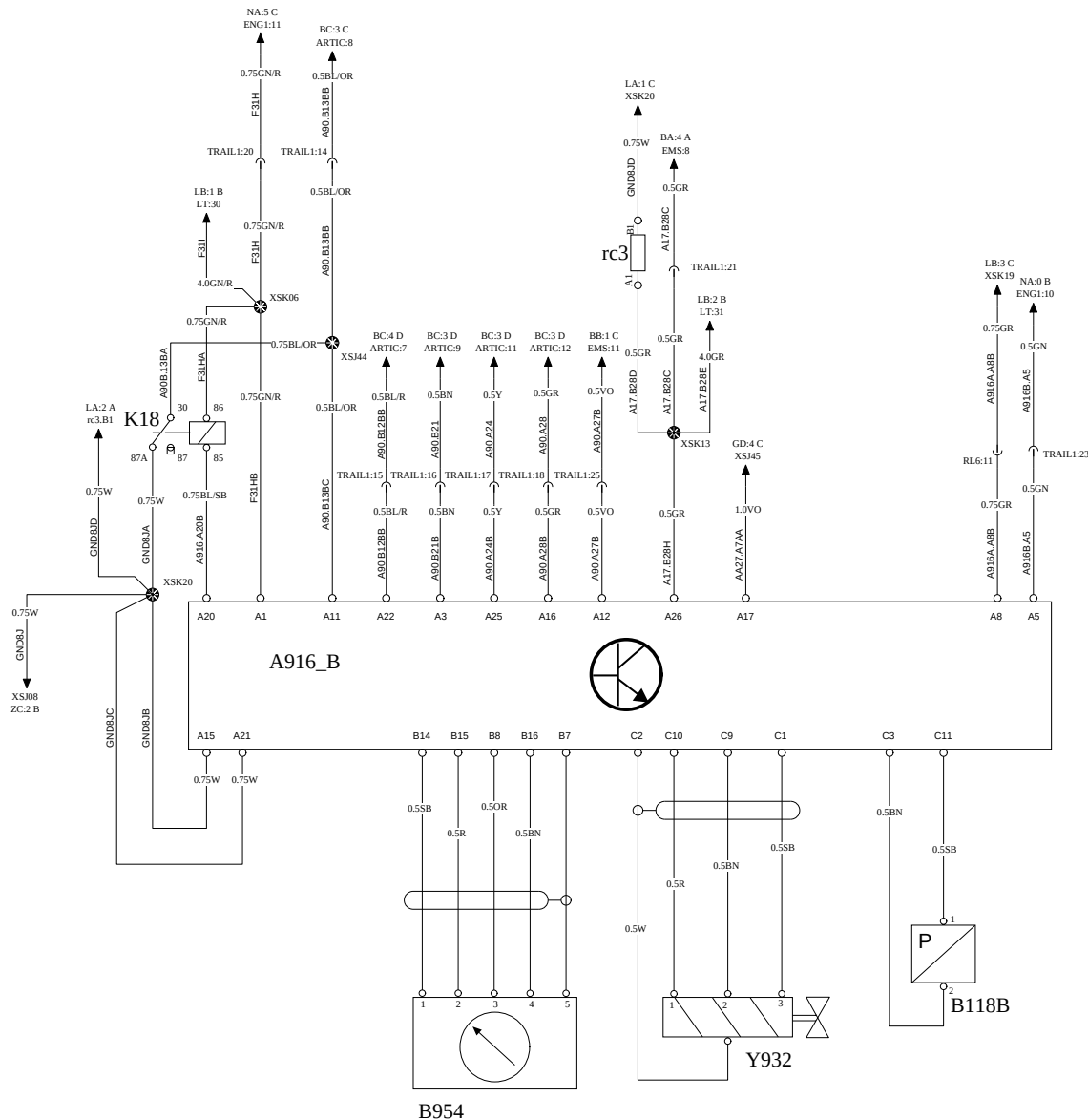


HUBNER ECU



1ST TURNTABLE

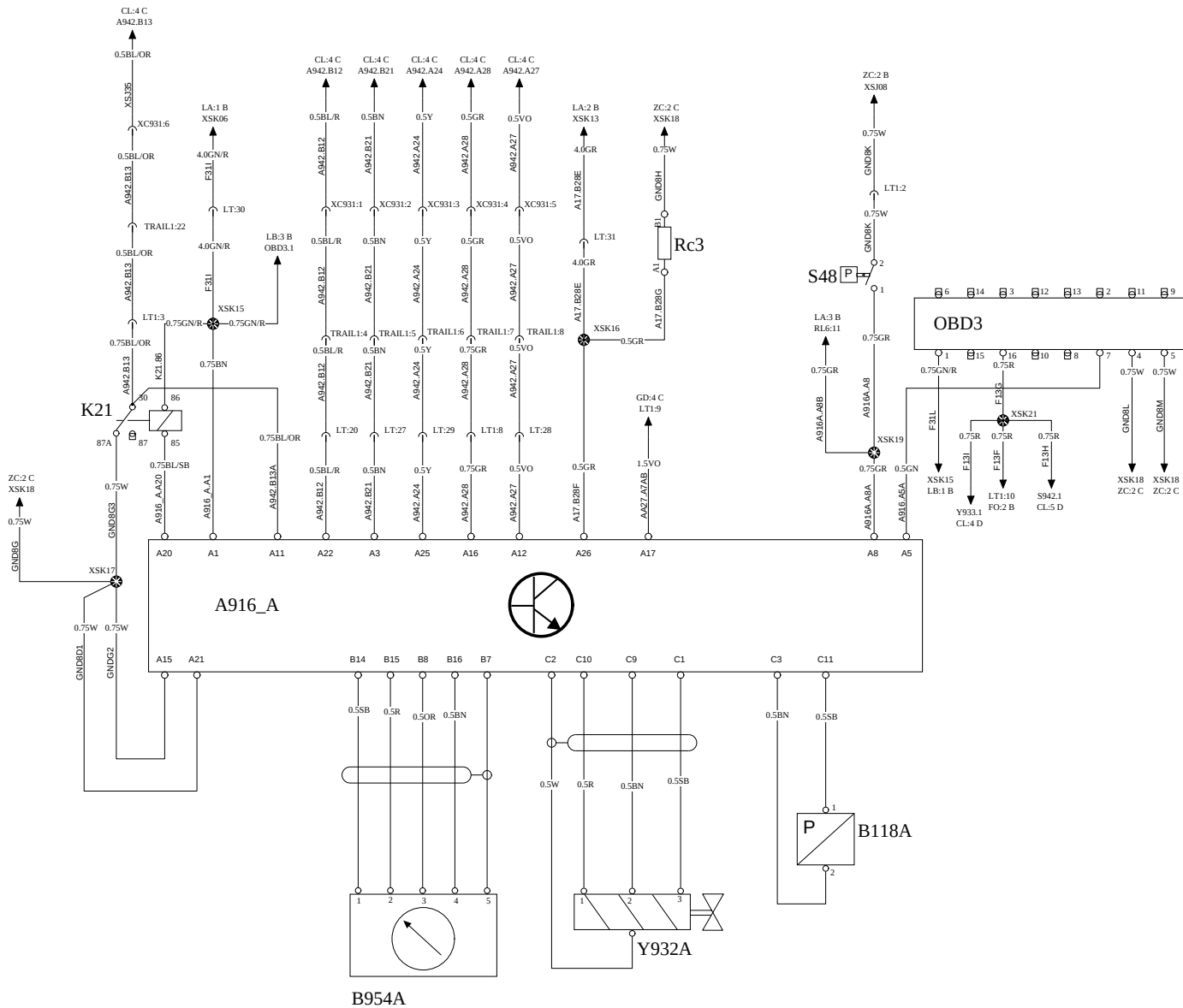
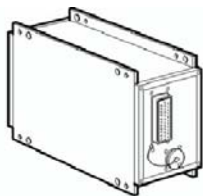
WIRING DIAGRAM LA



HUBNER ECU

2ND TURNTABLE

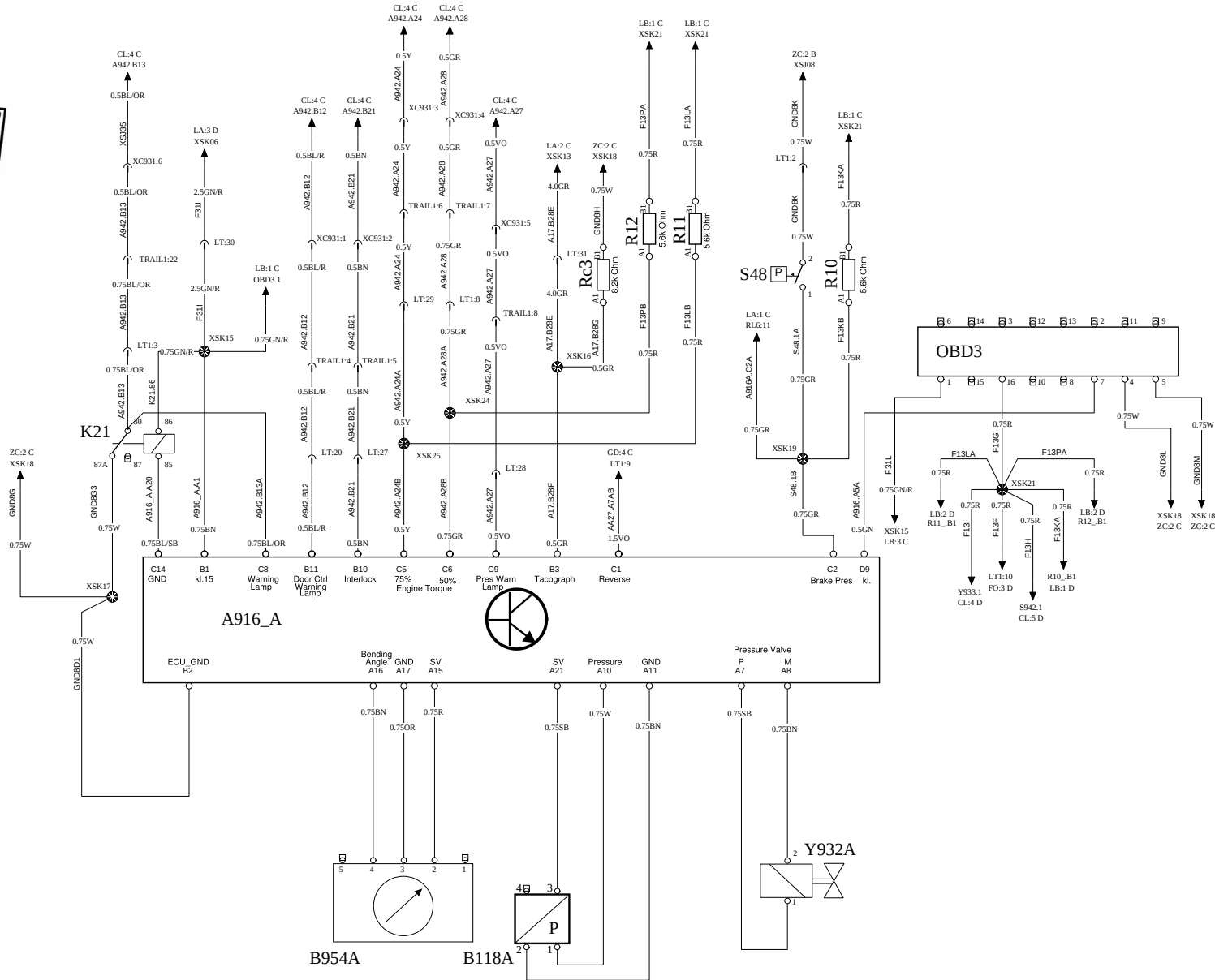
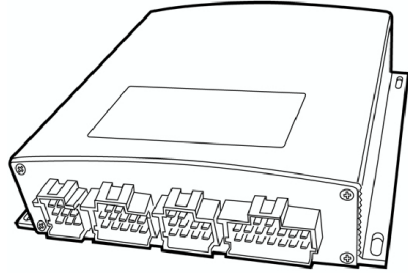
WIRING DIAGRAM LB



HUBNER ECU

2ND TURNTABLE

WIRING DIAGRAM LB



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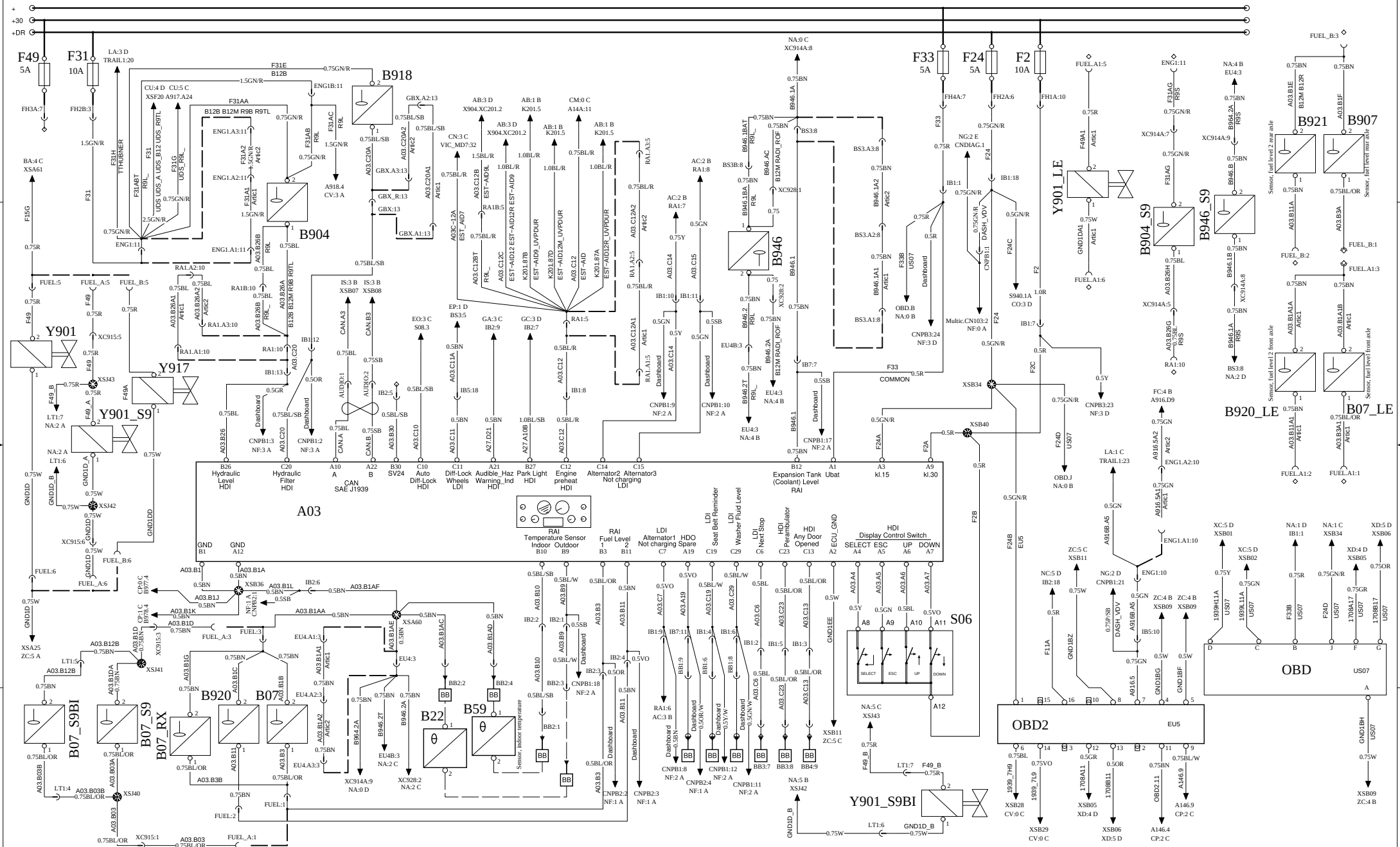
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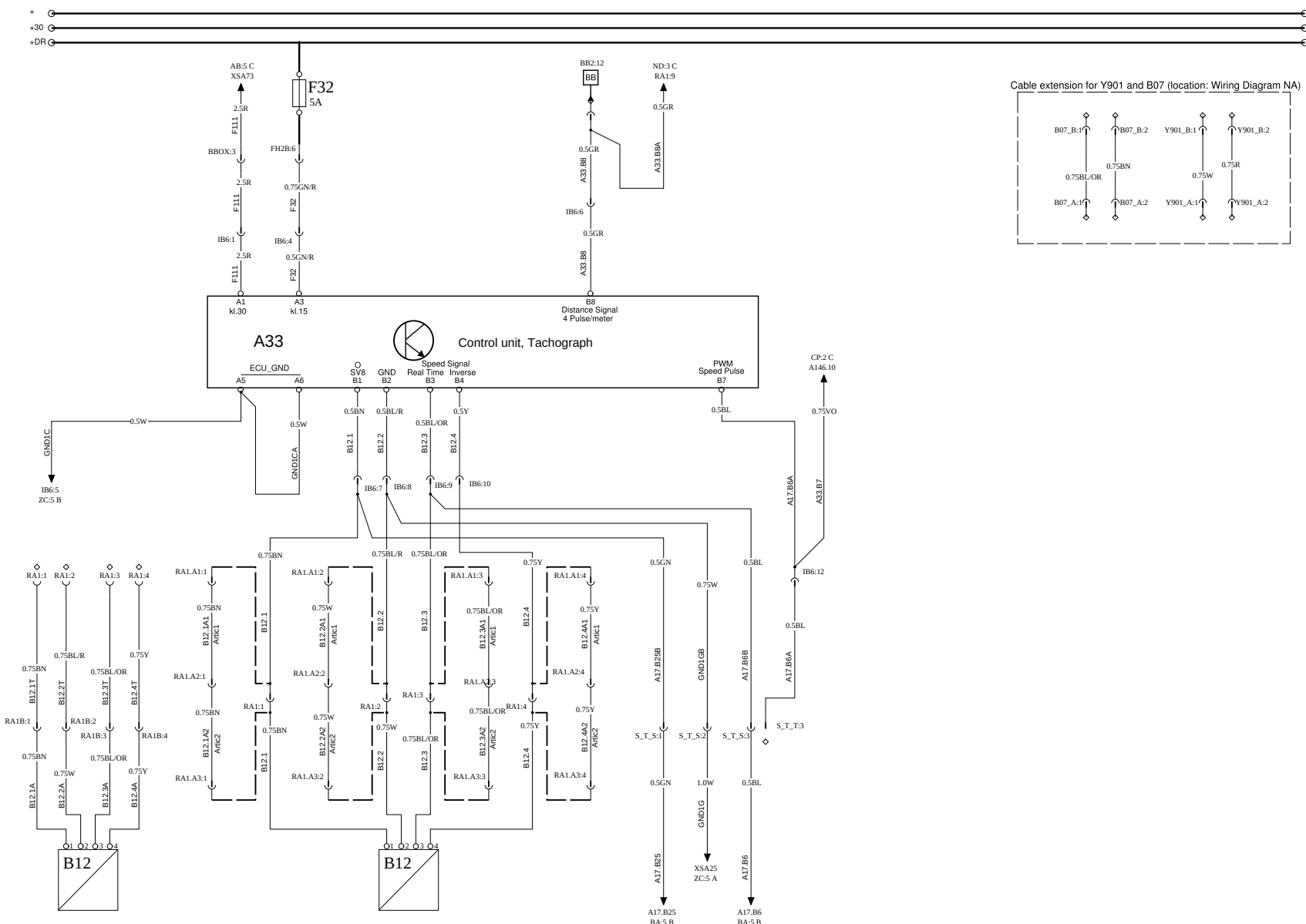
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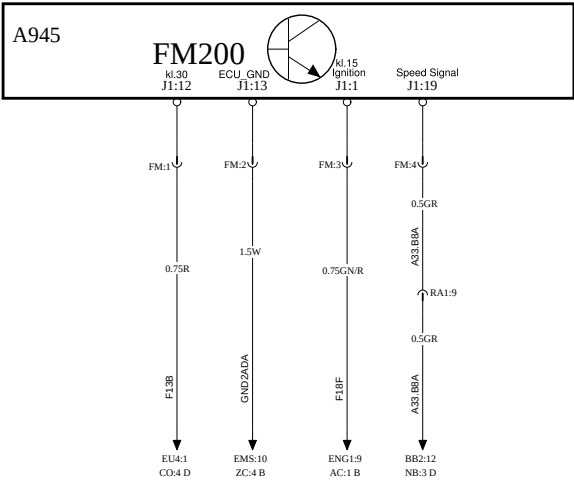
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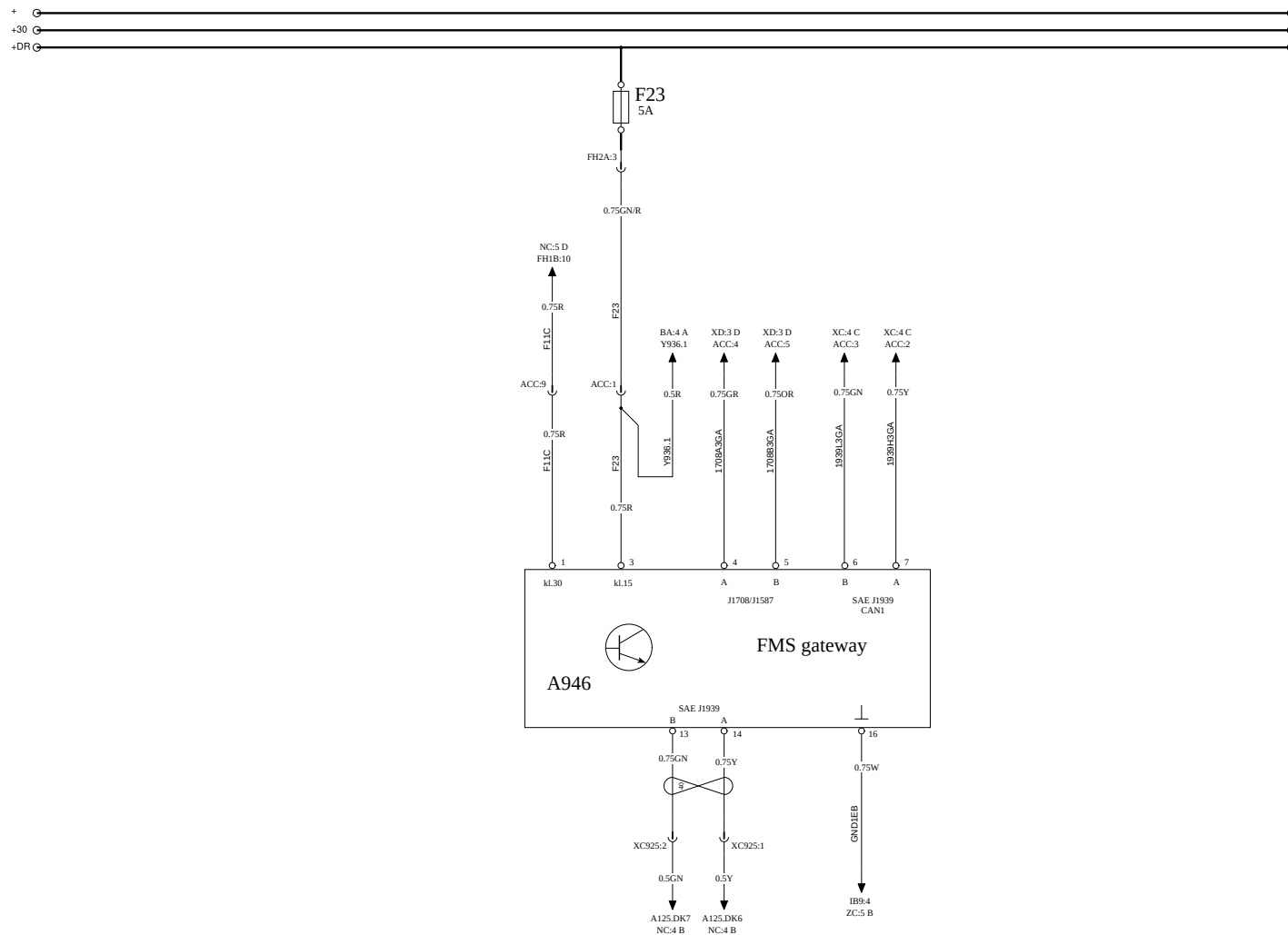
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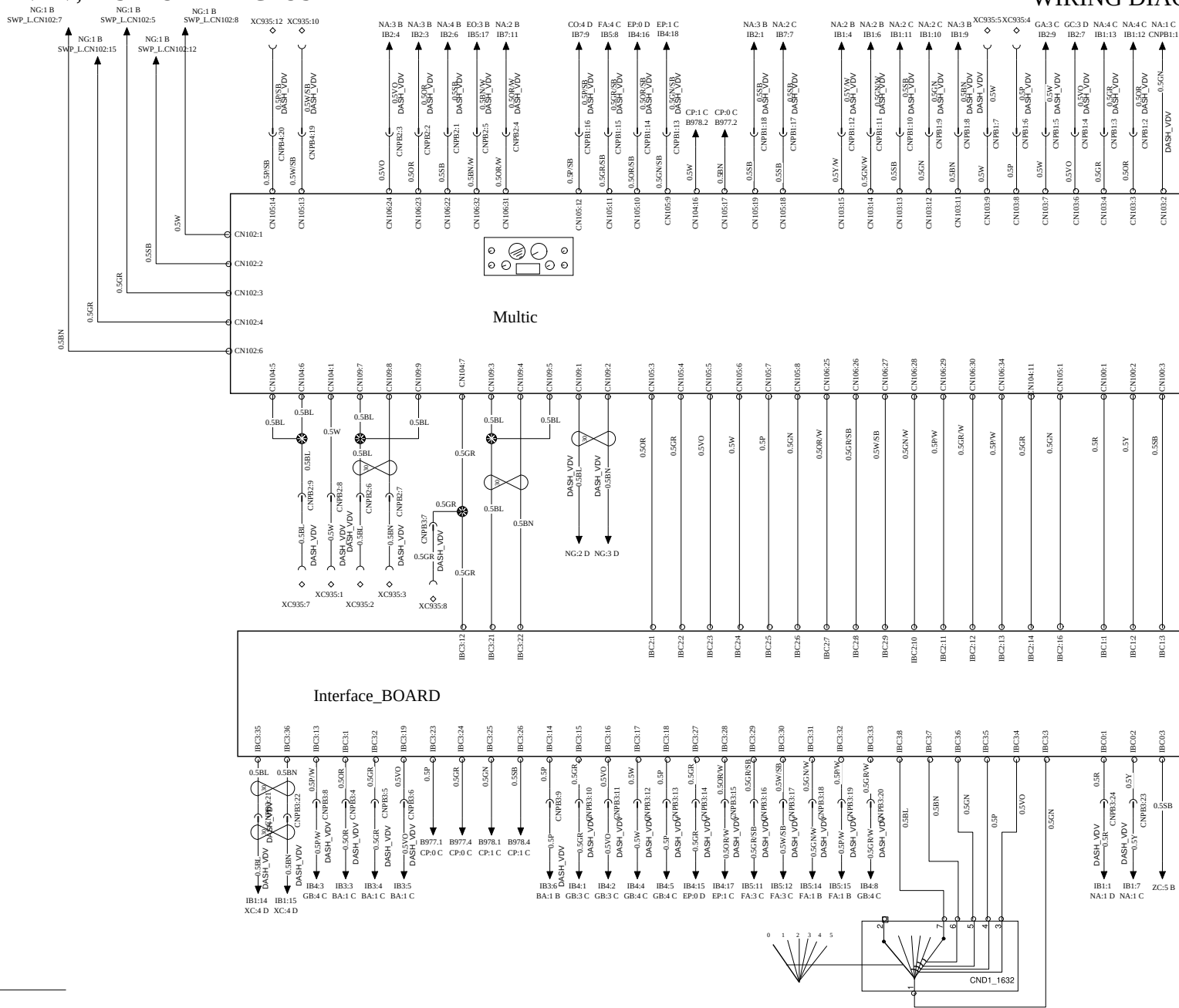
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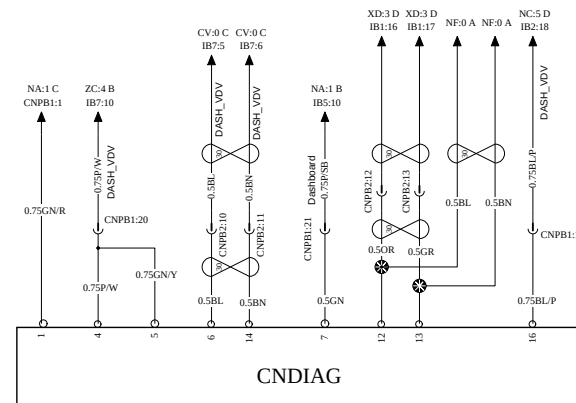
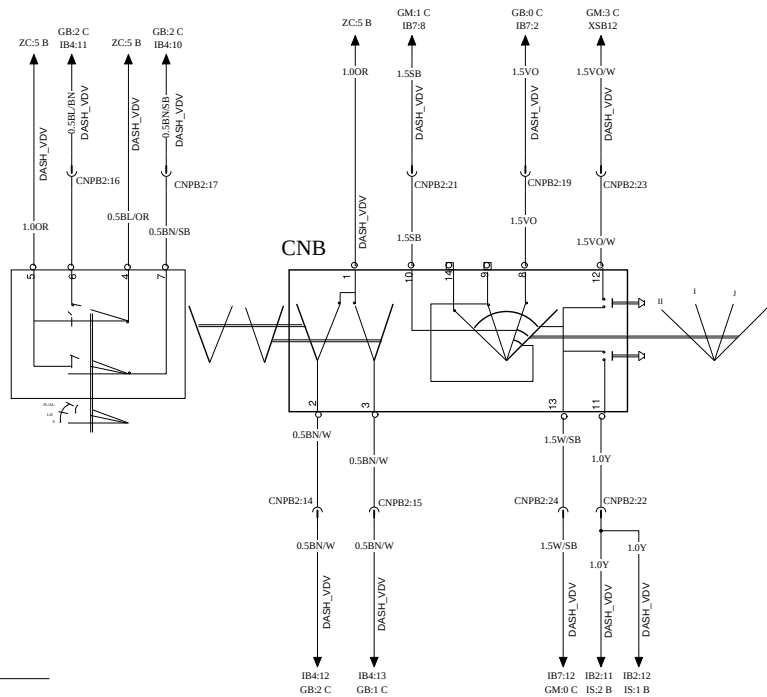
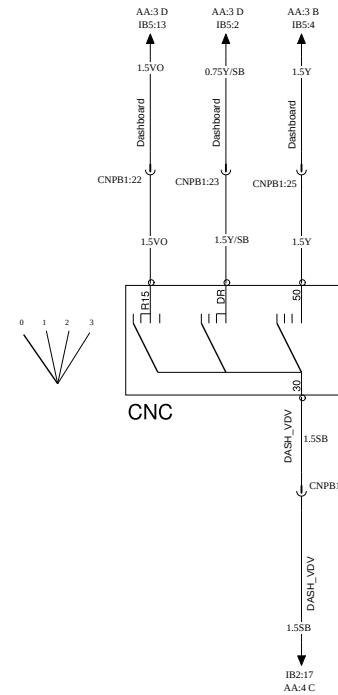
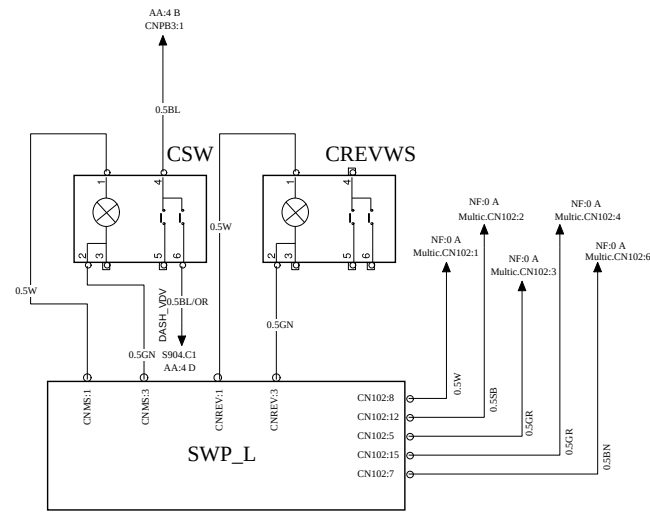
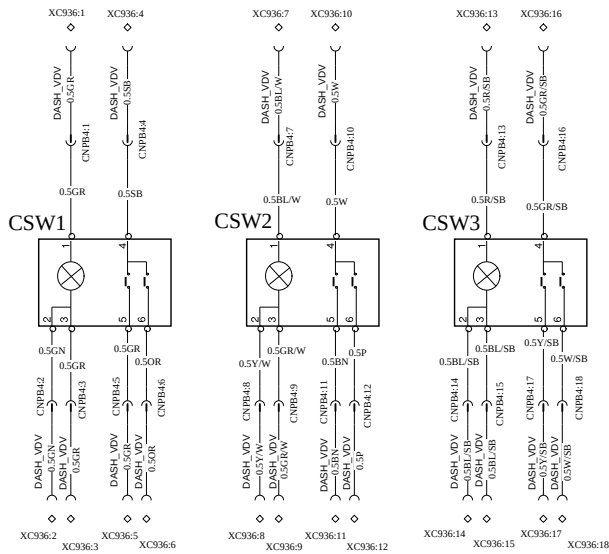
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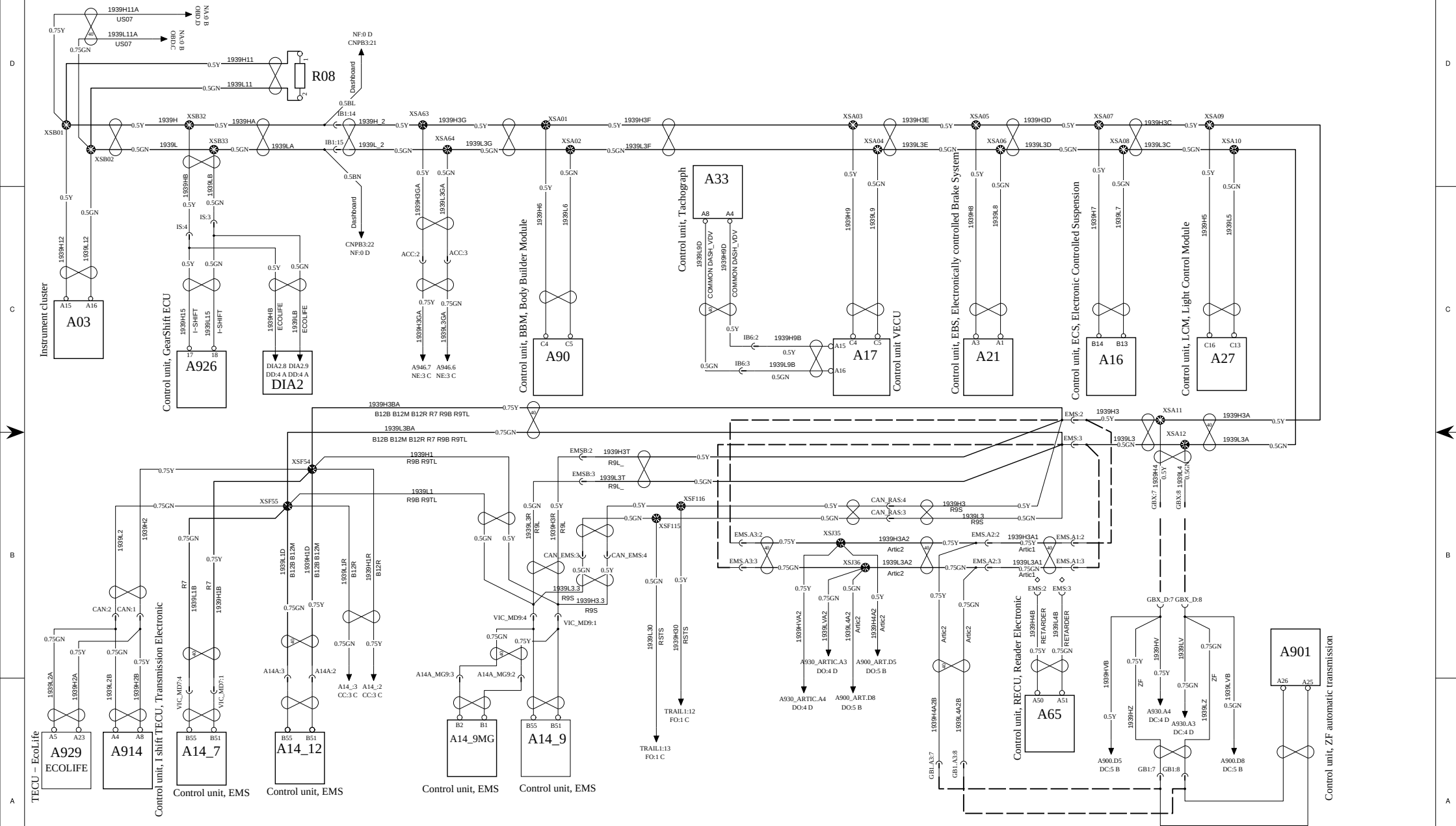
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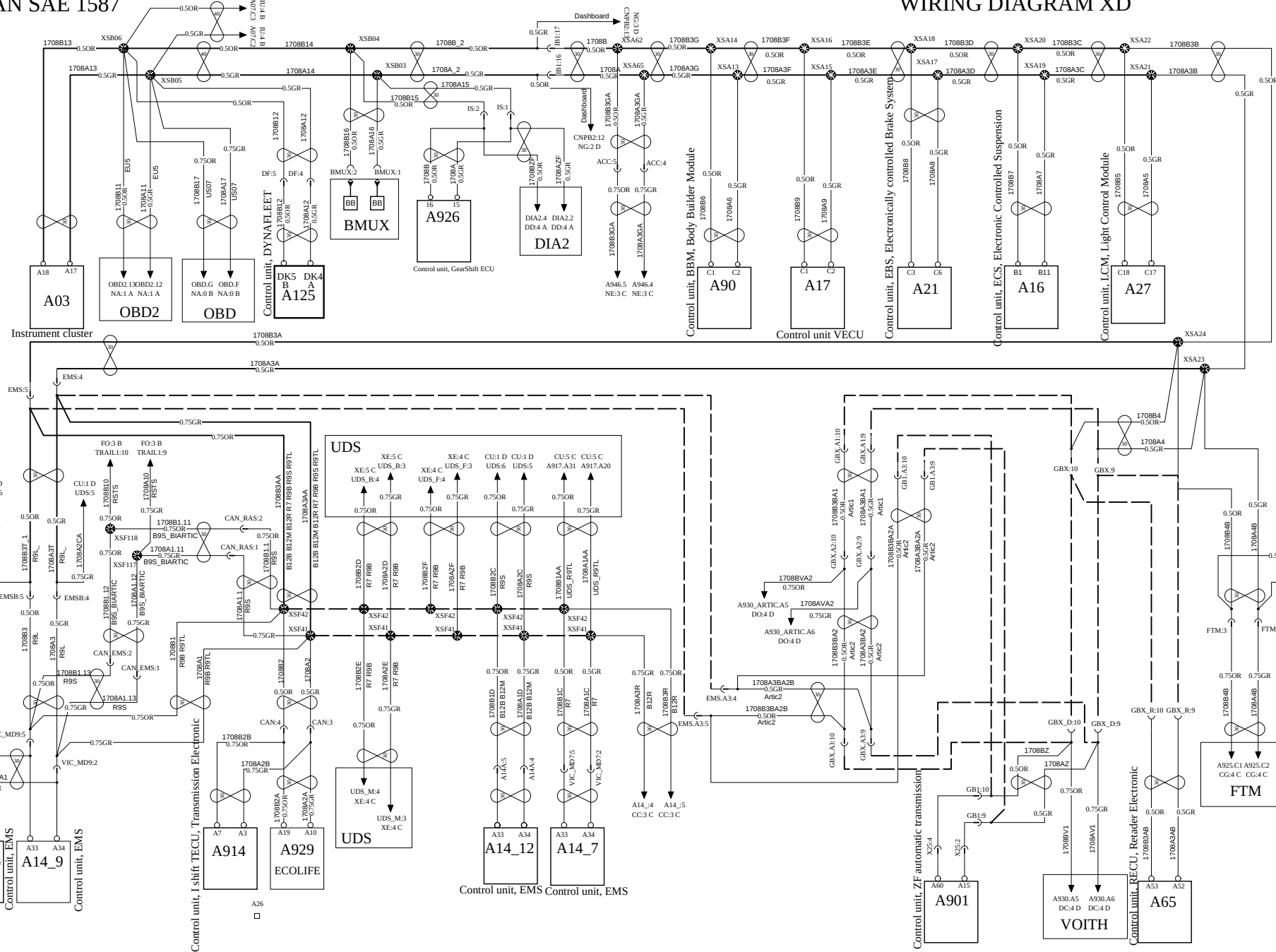
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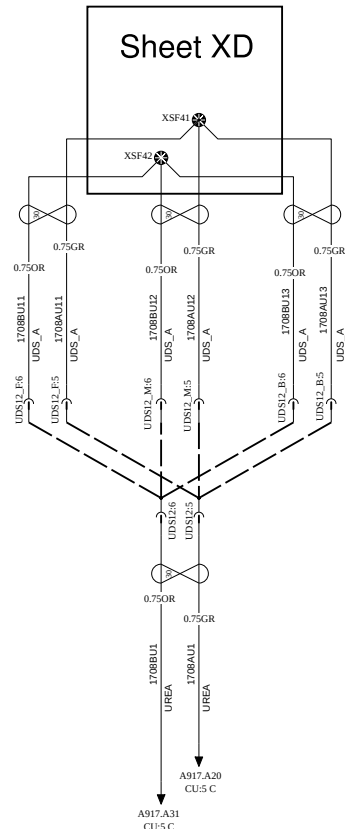
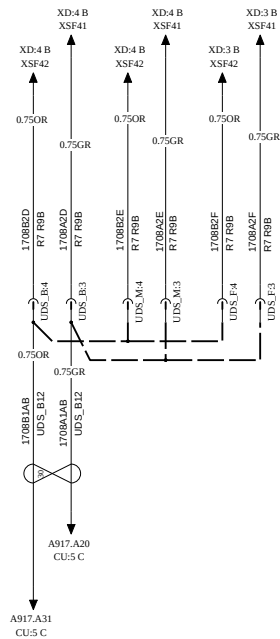


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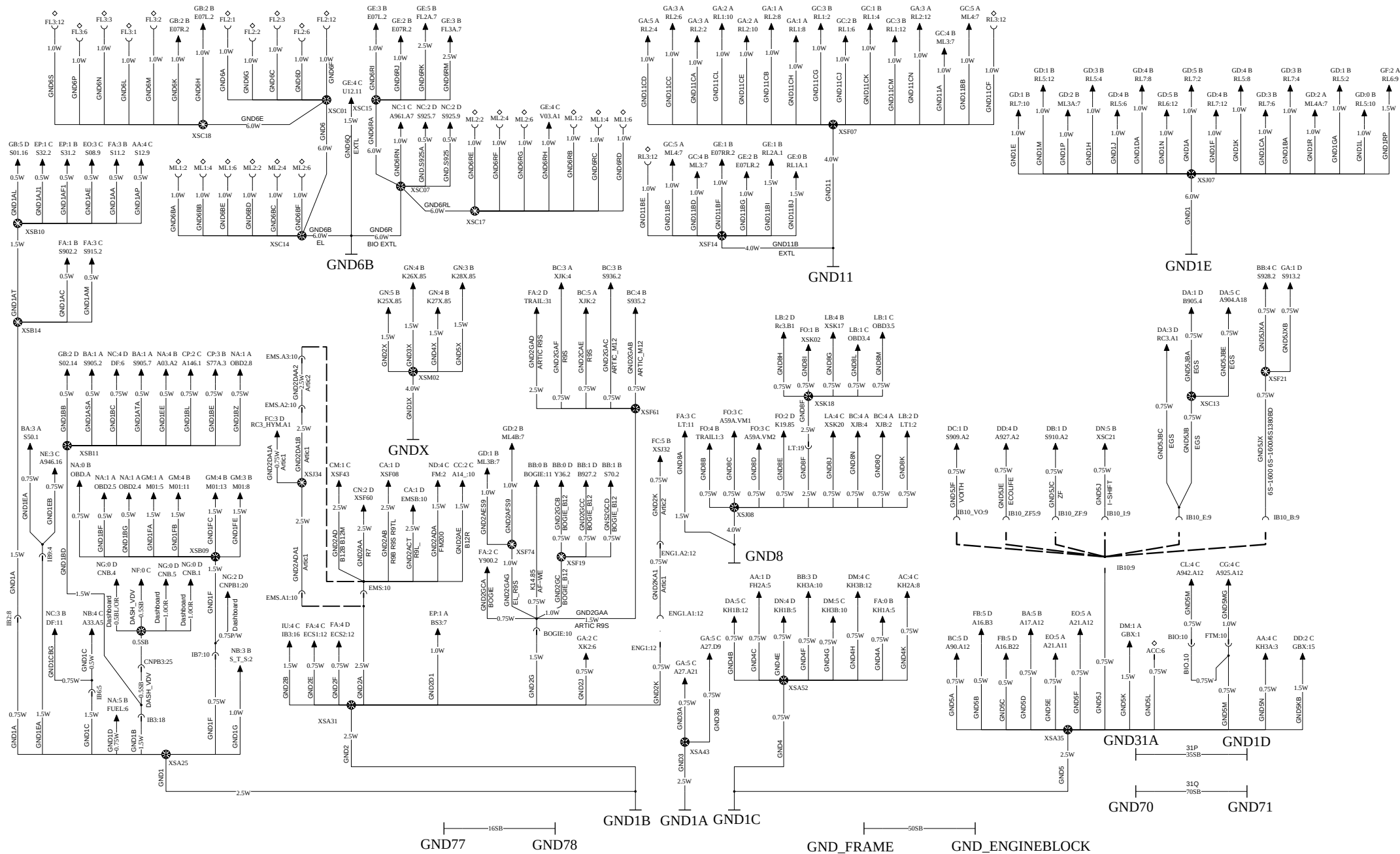






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More component placement information, see:

Language	Function group	Title
Arabic	300	وضع المكونات
Brazilian/Portuguese	300	Localização do componente
Canadian/French	300	Emplacement des composants
Chinese (simple.)	300	部件位置
Chinese (trad)	300	部件位置
Czech	300	Umístění komponenty
German	300	Platzierung der Bauteile
Danish	300	Komponentplacering
English	300	Component placement
Spanish	300	Colocación del componente
Estonian	300	Komponentide asukoht
Finnish	300	Komponenttien sijoittaminen
French	300	Emplacement des composants
Greece	300	Τοποθέτηση εξαρτήματος

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See also, 300, Component placement, Description, Design and function

The reader is advised that printed copies are uncontrolled.

Component Placement

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Hungarian	300	Alkatrész-elhelyezés
Indonesian	300	Penggantian komponen
Farsi/Persian	300	جا دادن قطعه
Hebrew	300	רכיב, הנחה במקום
Italian	300	Posizionamento dei componenti.
Japanese	300	コンポーネント配置
Korean	300	구성부품 배치
Lithuanian	300	Komponento išdėstymas
Latvian	300	Detāļu izvietojums
Mexican/Spanish	300	Colocación de componente
Dutch	300	Lokatie van componenten
Norwegian	300	Komponentplassering
Polish	300	Rozmieszczenie komponentów
Portuguese	300	Colocação de componentes
Romanian	300	Plasare componentă
Russian	300	Размещение компонентов
Serbian	300	Raspored komponenti
Slovak	300	Umiestnenie komponentu
Slovenian	300	Zamenjava sestavnih delov
Swedish	300	Komponentplacering
Thai	300	การติดตั้งอุปกรณ์
Turkish	300	Parça değiştirme
American/English	300	Component Placement

BILL OF MATERIAL/COMPONENT LIST

Part Name	Description	Location	Part Type
A03	Instrument cluster	{NA 4 B} {XC 5 C} {XD 5 C} {CP 0 B}	componentSymbol
A07	Radio	{IU 4 B}	componentSymbol
A124	Start Motor	{AD 4 C} {AE 4 B} {AF 4 B} {AH 4 B}	componentSymbol
A125	Control unit, DYNAFLEET	{NC 4 B} {XD 4 C}	componentSymbol
A14	Control unit, EMS	{CC 5 C}	componentSymbol
A14_12	Control unit, EMS	{XC 4 A} {CM 5 C} {XD 3 A}	componentSymbol
A14_7	Control unit, EMS	{XC 5 A} {CN 5 C} {XD 3 A}	componentSymbol
A14_9	Control unit, EMS	{XC 3 A} {XD 5 A}	componentSymbol
A14_9MG	Control unit, EMS	{XC 3 A} {CB 5 C} {XD 5 A}	componentSymbol
A14_MD9	Control unit, EMS	{CA 5 C}	componentSymbol
A146	Control Unit, RV165 Tracking System	{CP 2 C}	componentSymbol
A16	Control unit, ECS, Electronic Controlled Suspension	{FA 5 A} {XC 1 C} {XD 1 C} {FB 5 D}	componentSymbol
A17	Control unit VECU	{BA 5 B} {XC 2 C} {XD 2 C} {CP 2 D}	componentSymbol
A19	Control unit, GECU, gear selector ECU	{DN 5 B}	componentSymbol
A21	Control unit, EBS, Electronically controlled Brake System	{XC 1 C} {EO 5 A} {XD 2 C} {EP 5 D}	componentSymbol
A27	Control unit, LCM, Light Control Module	{GA 5 C} {GB 5 C} {GC 5 D} {XD 2 D}	componentSymbol
A30	Control unite,SWM(Steering Wheel Module)	{IS 4 C}	componentSymbol
A33	Control unit, Tachograph	{NB 4 C} {XC 2 C} {NC 3 B}	componentSymbol
A41	Control unit, Contains B23, B06 and Y17	{DN 3 B}	componentSymbol
A42	Control unit, Contains B26, Y21, Y22, Y23 and Y26	{DN 1 B}	componentSymbol
A44	Control unit, Body I/O Module 44	{CM 3 D}	componentSymbol
A44_	Control unit, Body I/O Module 44	{CC 3 B}	componentSymbol
A44_D9	Control unit, Fuel pump	{CA 3 C}	componentSymbol

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Part Name	Description	Location	Part Type
A45	Body I/O Module 45	{CA 3 C}	componentSymbol
A45_	Control unit, Body I/O Module 45	{CC 1 C}	componentSymbol
A45_MD12	Control unit, Fuel water separator	{CM 3 D}	componentSymbol
A59A	Control unit, RAS ECU	{FO 3 C}	componentSymbol
A65	Control unit, RECU, Retarder Electronic	{DM 5 B} {XC 1 A} {XD 1 A}	componentSymbol
A80	Control unit, Heated air dryer, electronically controlled	{BA 2 A}	componentSymbol
A90	Control unit, BBM, Body Builder Module	{BB 5 A} {XC 3 C} {AA 4 A} {XD 2 C} {BC 5 D}	componentSymbol
A900	Control unit, Voith automatic transmission	{DC 5 B}	componentSymbol
A900_ART	Control unit, VOITH ECU, ARTIC	{DO 5 B}	componentSymbol
A901	Control unit, ZF automatic transmission	{DB 5 C} {XC 0 A} {XD 2 A}	componentSymbol
A904	Control unit, Volvo EGS gearbox	{DA 5 C}	componentSymbol
A914	Control unit, I shift TECU, Transmission Electronic	{XC 5 A} {DN 3 C} {XD 4 A}	componentSymbol
A916	Control unit, AMECU	{FC 4 B}	componentSymbol
A916_A	Control unit, AMECU	{LB 4 C}	componentSymbol
A916_B	Control unit, AMECU	{LA 4 C}	componentSymbol
A917	Control unit, DNOX2 ECU	{CU 5 C} {CV 4 B}	componentSymbol
A918	Control unit, NOx sensor	{CV 3 A}	componentSymbol
A925	Control unit, FTM, Fuel Tank Monitoring	{CG 4 C}	componentSymbol
A926	Control unit, GearShift ECU	{XC 5 C} {DN 5 C} {XD 3 D}	componentSymbol
A927	Control unit, GECU, Ecomat 5	{DD 4 D}	componentSymbol
A928	Control unit, Gearbox Ecomat 5	{DD 2 B}	componentSymbol
A929	TECU - EcoLife	{XC 5 A} {DD 2 B} {XD 4 A}	componentSymbol
A930	Control unit, Gateway DIVA5	{DC 4 D}	componentSymbol
A930_ARTIC	Control unit, Gateway DIWA5	{DO 4 D}	componentSymbol
A942	BIO - Bus I/O	{CL 4 C}	componentSymbol
A943	Control unit, Oilmaster	{CO 4 B}	componentSymbol
A945	Control unit, VDO FM200	{ND 4 D}	componentSymbol
A946	Control unit, Gateway FMS, Fleet management system	{NE 3 C}	componentSymbol
A961	Alcohol Interlock, ECU	{NC 1 C}	componentSymbol
B03	Sensor, footbrake valve	{EO 4 D}	componentSymbol
B04	Sensor, engine speed,crankshaft	{CM 4 A}	componentSymbol
B04_	Sensor, engine speed crankshaft	{CC 3 B}	componentSymbol
B05	Sensor,engine speed,camshaft	{CM 3 A}	componentSymbol
B05_	Sensor, engine speed camshaft	{CC 2 B}	componentSymbol
B06	Sensor, air pressure, reservoir	{BA 0 D} {BA 0 D}	componentSymbol

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Part Name	Description	Location	Part Type
B07	Sensor, fuel level	{NA 4 A}	componentSymbol
B07_LE	Sensor, fuel level front axle	{NA 0 C}	componentSymbol
B07_RX	Sensor, fuel level	{NA 4 A}	componentSymbol
B07_S9	Sensor, fuel level	{NA 5 A}	componentSymbol
B07_S9BI	Sensor, fuel level	{NA 5 A}	componentSymbol
B10C	Sensor, oil level (hydraulic steered axle, electric controlled)	{FO 4 C}	componentSymbol
B118	Sensor, Oil Pressure	{CB 2 B}	componentSymbol
B118.	Sensor, Oil pressure	{FC 3 A}	componentSymbol
		{LA 2 A}	
B118_	Sensor, oil pressure	{CC 4 A}	componentSymbol
B118_MD12	Sensor, oil pressure	{CM 3 D}	componentSymbol
B118A	Sensor, Oil pressure	{LB 2 A}	componentSymbol
B119	Sensor, oil level/temp	{CM 4 A}	componentSymbol
B119_	Sensor, oil level/temp	{CC 5 B}	componentSymbol
B12	Sensor, tachograph/speedometer	{NB 5 A}	componentSymbol
		{NB 4 A}	
B13	Sensor, wheel speed, lhs. 1:st front axle	{EO 2 D}	componentSymbol
B14	Sensor, wheel speed,rhs. 1:st front axle	{EO 2 D}	componentSymbol
B15	Sensor, wheel speed, lhs. 1:st rear axle	{EO 1 D}	componentSymbol
B16	Sensor, wheel speed, rhs. 1:st rear axle	{EO 1 D}	componentSymbol
B21	Sensor,coolant temperature	{CM 4 D}	componentSymbol
B21_	Sensor, coolant temperature	{CC 4 B}	componentSymbol
B21_D9	Sensor, coolant temperature	{CA 1 B}	componentSymbol
B22	Sensor, outdoor temperature	{NA 3 A}	componentSymbol
B23	Sensor,oil temperature,retarder	{DM 3 C}	componentSymbol
B25	Sensor, accelerator pedal	{BA 2 C}	componentSymbol
B29	Sensor, chassis level, lhs.rear axle	{FB 4 A}	componentSymbol
		{FB 3 A}	
B30	Sensor, chassis level, rhs.rear axle	{FB 4 A}	componentSymbol
		{FB 2 A}	
B32	Sensor,engine cooling fan speed	{CM 5 B}	componentSymbol
B32.9	Sensor, engine cooling fan speed	{CA 1 A}	componentSymbol
B32_	Sensor, engine cooling fan speed	{CC 4 C}	componentSymbol
B32_S9	Sensor, engine cooling fan speed	{CA 1 B}	componentSymbol
B37	Sensor,boots pressure and boots temperature	{CM 4 A}	componentSymbol
B37_	Sensor, boost pressure and temp	{CC 4 B}	componentSymbol
B37_MD9	Sensor, boost pressure and temp	{CA 0 B}	componentSymbol
B39	Sensor,air filter pressure and air filter temperature	{CM 4 D}	componentSymbol
B39_	Sensor, air filter pressure and temp	{CC 5 C}	componentSymbol
B40	Sensor, brake lining wear indicator, lhs.1:st front axle	{EO 3 D}	componentSymbol
B41	Seansor, brake lining wear indicator, rhs. 1:st front axle	{EO 3 D}	componentSymbol
B42	Sensor, brake lining wear indicator,lhs. 1:st rear axle	{EO 2 D}	componentSymbol
B43	Sensor, brake lining wear indicator,rhs. 1:st rear axle	{EO 2 D}	componentSymbol
B48	Sensor, coolant pressure	{CN 1 B}	componentSymbol
B49	Sensor, steering angle	{EP 2 B}	componentSymbol
B49F	Sensor, steering angle, Front	{FO 3 B}	componentSymbol

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Part Name	Description	Location	Part Type
B49R	Sensor, steering angle, Rear	{FO 2 B}	componentSymbol
B50	Sensor, yaw rate	{EP 2 B}	componentSymbol
B52	Sensor,water level,water separator	{CN 4 C}	componentSymbol
B54	Sensor, crankhouse pressure	{CM 4 D}	componentSymbol
B54_	Sensor, crankhouse pressure	{CC 5 B}	componentSymbol
B54_D9	Sensor, crankhouse pressure	{CA 1 B}	componentSymbol
B57	Sensor, air pressure, suspension bellows, lhs.rear	{FB 4 C}	componentSymbol
B58	Sensor, air pressur, suspension bellows, rhs.rear	{FB 4 C}	componentSymbol
B59	Sensor, indoor temperature	{NA 3 A}	componentSymbol
B66	Sensor pressure downstream SCRT	{CL 3 A}	componentSymbol
B68	Sensor,output shaft speed, gearbox	{DA 1 A}	componentSymbol
B69C	Sensor, coolant temperature, retarder	{DN 3 B}	componentSymbol
B900	Sensor, manuel gearbox retarder pressure	{DM 3 C}	componentSymbol
B903	Sensor, Man.gbx.retarder water temperature	{DM 2 C}	componentSymbol
B904	Sensor, hydraulic oil level	{NA 4 C}	componentSymbol
B904_S9	Sensor, Hydraulic oil level	{NA 0 C}	componentSymbol
B905	Sensor, Clutch pedal position inductive	{DA 1 D}	componentSymbol
B906	Sensor,Brake Press (6*2)	{BC 4 C}	componentSymbol
B907	Sensor, fuel level rear axle	{NA 0 D}	componentSymbol
B908	Sensor air press. ECS AL	{FB 4 C}	componentSymbol
B908_A	Sensor, air press. ECS AL	{FB 5 A}	componentSymbol
B909	Sensor air press. ECS AR	{FB 3 C}	componentSymbol
B909_A	Sensor, air press. ECS AR	{FB 5 A}	componentSymbol
B910	Sensor, airpressure ECS frot LHS	{FB 5 C}	componentSymbol
B911	Sensor, airpressure ECS front RHS	{FB 5 C}	componentSymbol
B914	Sensor, chassis level front axle LHS	{FB 2 A}	componentSymbol
B915	Sensor, chassis level front axle RHS	{FB 1 A}	componentSymbol
B916	Sensor, chassis level artic front axle RHS	{FB 1 A}	componentSymbol
B916_A	Sensor, chassis level artic axle LHS	{FB 3 A}	componentSymbol
B917	Sensor, chassis level artic front axle RHS	{FB 1 A}	componentSymbol
B917_A	Sensor, chassis level artic axle LHS	{FB 3 A}	componentSymbol
B918	Sensor, Hydraulic oil level	{NA 4 D}	componentSymbol
B920	Sensor, fuel level 2	{NA 4 A}	componentSymbol
B920_LE	Sensor, fuel level 2 front axle	{NA 0 C}	componentSymbol
B921	Sensor, fuel level 2 rear axle	{NA 0 D}	componentSymbol
B922	Sensor, temp.downstream SCRT	{CL 4 B}	componentSymbol
B923	Sensor, temp/level adblue SCRT	{CU 2 B}	componentSymbol
B927	Sensor, hydr.oil press	{BB 1 D}	componentSymbol
B930	Sensor, temp uppstream scrt DNOX2	{CU 1 D} {CU 2 D} {CU 1 D}	componentSymbol
B936	Sensor, brake lining wear indicator Artic, A/B R	{EP 3 B}	componentSymbol
B937	Sensor, brake lining wear indicator Artic, A/B L	{EP 3 B}	componentSymbol
B938	Sensor, wheel speed Artic, A/B R	{EP 2 B}	componentSymbol
B939	Sensor, wheel speed Artic, A/B L	{EP 2 B}	componentSymbol
B940	Sensor, brake lining wear indicator, A/B R	{EP 5 B}	componentSymbol
		{EP 4 B}	

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Part Name	Description	Location	Part Type
B941	Sensor, brake lining wear indicator, A/B L	{EP 5 B} {EP 4 B}	componentSymbol
B942	Sensor, wheel speed, A/B R	{EP 4 B} {EP 3 B}	componentSymbol
B943	Sensor, wheel speed, A/B L	{EP 5 B} {EP 3 B}	componentSymbol
B944	Sensor, Trailer air brake pressure	{BC 5 C}	componentSymbol
B945	Sensor, Crash	{CG 4 D}	componentSymbol
B946	Sensor, coolant level	{NA 2 C}	componentSymbol
B946_S9	Sensor, coolant level	{NA 0 C}	componentSymbol
B948	Sensor, air filter pressure and temp	{CA 3 B}	componentSymbol
B949	Sensor, last trailer air brake pressure, biartic	{CL 3 A}	componentSymbol
B950	Sensor, brake lining wear indicator Biartic, A/B R	{EO 1 D}	componentSymbol
B951	Sensor, brake lining wear indicator Biartic, A/B L	{EO 1 D}	componentSymbol
B952	Sensor, wheel speed Biartic, A/B R	{EO 0 D}	componentSymbol
B953	Sensor, wheel speed Biartic, A/B L	{EO 0 D}	componentSymbol
B954	Sensor, turntable angle	{FC 3 A} {LA 3 B}	componentSymbol
B954A	Sensor, turntable angle	{LB 3 B}	componentSymbol
B955	Sensor, oil level	{CO 4 A}	componentSymbol
B956	Sensor, drake pressure to AMEC, After Market Executive Committee	{FC 2 D}	componentSymbol
B960	Sensor, air Pressure ECS, Last Trailer, Biartic	{FB 3 C}	componentSymbol
B961	Sensor, chassi level last trailer (Biartic)	{FB 0 A}	componentSymbol
B964	Sensor, Trailer air brake pressure sensor2	{BC 4 C}	componentSymbol
B970	Sensor, Fire temp	{BD 0 C} {BD 1 C} {BD 1 C} {BD 3 C} {BD 4 C} {BD 2 C} {BD 2 C} {BD 5 C} {BD 5 C}	componentSymbol
B970_	Fire sensor, 110 C	{BD 2 C}	componentSymbol
B971	Sensor, Fire temp	{BD 0 C} {BD 1 C} {BD 1 C} {BD 3 C} {BD 4 C} {BD 2 C} {BD 2 C} {BD 5 C} {BD 5 C}	componentSymbol
B971_	Fire Sensor, 110 C	{BD 2 C}	componentSymbol

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Part Name	Description	Location	Part Type
B972	Sensor, Fire temp	{BD 0 C} {BD 2 B} {BD 1 C} {BD 1 C} {BD 3 C} {BD 4 C} {BD 2 B} {BD 5 C} {BD 5 C}	componentSymbol
B972_	Fire Sensor, 110 C	{BD 2 C}	componentSymbol
B973	Sensor, Fire temp	{BD 5 B}	componentSymbol
B973_	Fire Sensor, 150 C	{BD 2 B}	componentSymbol
B974	Sensor, Fire temp	{BD 1 B} {BD 3 B} {BD 5 B}	componentSymbol
B975	Sensor, Fire temp	{BD 3 B}	componentSymbol
B977	Sensor, brake pressure 1	{CP 0 C}	componentSymbol
B978	Sensor, brake pressure 2	{CP 1 C}	componentSymbol
B979	Sensor, Parking brake pressure	{BB 3 B}	componentSymbol
B980	Sensor, Auxilliary pressure	{BB 3 B}	componentSymbol
B981	Sensor, Throttle heater MG9	{CB 1 D}	componentSymbol
B982	Sensor, DP-cat differential pressure	{CA 2 C}	componentSymbol
B982_D7	Sensor, DPF differential pressure	{CN 2 C}	componentSymbol
B983	Sensor, DP-cat temp	{CA 2 C}	componentSymbol
B983_D7	Sensor, temperature upstream catalyst	{CN 1 C}	componentSymbol
B984_D7	Sensor, temperature downstream catalyst	{CN 1 C}	componentSymbol
B9TL_ASIA	Alternator2	{AE 2 C}	componentSymbol
CNB	VDV-dash	{NG 0 D}	componentSymbol
CNDIAG	VDV_dash	{NG 2 E}	componentSymbol
CREVWS	VDV dash	{NG 2 A}	componentSymbol
CSW	VDV_dash	{NG 1 A}	componentSymbol
CSW1		{NG 0 B}	componentSymbol
CSW2		{NG 0 B}	componentSymbol
CSW3	VDV dash	{NG 1 B}	componentSymbol
D1	Diod	{BA 3 B}	componentSymbol
D2	Diod	{AA 2 B}	componentSymbol
D3	Diod	{GM 1 B}	componentSymbol
D4	Diod	{GM 2 B}	componentSymbol
DIA	Diagnostic connector	{DC 2 D}	componentSymbol
DIA_ARTIC	Diagnostic connector artic	{DO 3 D}	componentSymbol
DIA2	Diagnostic connector for Ecomat 5	{DD 4 A}	componentSymbol
E06AL	Reverse light(Left), Artic	{GD 4 B}	componentSymbol
E06AR	Reverse light(Right), Artic	{GD 4 B}	componentSymbol
E06AT	Reverse light(Triler), Artic	{GD 4 B}	componentSymbol
E06BL	Reverse light (Left), Biartic	{GF 4 C}	componentSymbol
E06BR	Reverse light (Right), Biartic	{GF 4 C}	componentSymbol
E06BT	Reverse light (Triler), Biartic	{GF 4 C}	componentSymbol
E06L	Reversing light left	{GA 1 A}	componentSymbol
E06LA	Reversing light left optional	{GA 1 A}	componentSymbol
E06R	Reversing light right	{GA 1 A}	componentSymbol
E07AL	Fog light(Left),Artic	{GD 0 B}	componentSymbol

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E07AR	Fog light(Right), Artic	{GD 1 B}	componentSymbol
E07AT	Fog light,Trailer, Artic	{GD 0 B}	componentSymbol
E07BL	Fog light (Left), Biartic	{GF 0 C}	componentSymbol
E07BR	Fog light (Right), Biartic	{GF 0 C}	componentSymbol
E07BT	Fog light, Trailer, Biartic	{GF 0 C}	componentSymbol
E07L	Fog light left	{GB 2 B} {GE 3 B}	componentSymbol
E07LR	Fog light left rear	{GA 2 A} {GE 2 B}	componentSymbol
E07R	Fog light right	{GB 2 B} {GE 2 B}	componentSymbol
E07RR	Fog light right rear	{GA 2 A} {GE 1 B}	componentSymbol
E07X	Fog light, Extra	{GA 2 A}	componentSymbol
E09AL1	Brake light(left), Artic	{GD 1 B}	componentSymbol
E09AL2	Brake light(left), Artic	{GD 1 B}	componentSymbol
E09AR1	Brake light (Right), Artic	{GD 5 B}	componentSymbol
E09AR2	Brake light(Right), Artic	{GD 4 B}	componentSymbol
E09AT	Brake light, Centre(Artic ,Trailer)	{GD 5 B}	componentSymbol
E09BL1	Brake light (Left), Biartic	{GF 1 C}	componentSymbol
E09BL2	Brake light (Left), Biartic	{GF 1 C}	componentSymbol
E09BR1	Brake light (Right), Biartic	{GF 5 C}	componentSymbol
E09BR2	Brake light (Right), Biartic	{GF 5 C}	componentSymbol
E09BT	Brake light, Centre (Biartic, Trailer)	{GF 5 C}	componentSymbol
E09LA	Brake light left	{GA 3 A}	componentSymbol
E09LB	Brake light left	{GA 3 A}	componentSymbol
E09RC	Brake light right	{GC 3 B}	componentSymbol
E09RD	Brake light right(Rear)	{GC 3 B}	componentSymbol
E09RE	Brake light left,Centre	{GC 3 B}	componentSymbol
E10AL	Tail light(left),Artic	{GD 3 B}	componentSymbol
E10AR	Tail light(Right),Artic	{GD 3 B}	componentSymbol
E10BL	Tail light (Left), Biartic	{GF 3 C}	componentSymbol
E10BR	Tail light (Right), Biartic	{GF 3 C}	componentSymbol
E10L	Tail light left	{GA 5 A}	componentSymbol
E10LD	Tail light left	{GA 5 A}	componentSymbol
E10R	Tail light right	{GC 1 B}	componentSymbol
E11AL1	Side marker(Left)Artic	{GD 2 B}	componentSymbol
E11AL2	Side marker((Left),Artic	{GD 2 B}	componentSymbol
E11AL3	Side marker(Left),Artic	{GD 2 B}	componentSymbol
E11AL4	Side marker(Left),Artic	{GD 2 C}	componentSymbol
E11AL5	Side marker(Left),Artic	{GD 2 C}	componentSymbol
E11AL6	Side marker(Left),Artic	{GD 2 C}	componentSymbol
E11ALT	Position light,Left(Trailer),Artic	{GD 2 B}	componentSymbol
E11AR1	Side marker(Right),Artic	{GD 2 B}	componentSymbol
E11AR2	Side marker(Right),Artic	{GD 2 B}	componentSymbol
E11AR3	Side marker(Right),Artic	{GD 1 B}	componentSymbol
E11AR4	Side marker(Right),Artic	{GD 1 C}	componentSymbol
E11AR5	Side marker(Right),Artic	{GD 1 C}	componentSymbol
E11AR6	Side marker(Right),Artic	{GD 1 C}	componentSymbol
E11ART	Side marker(Right) ,trailer,Artic	{GD 1 B}	componentSymbol
E11BL1	Side marker (Left), Biartic	{GF 3 B}	componentSymbol

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Part Name	Description	Location	Part Type
E11BL2	Side marker (Left), Biartic	{GF 2 B}	componentSymbol
E11BL3	Side marker (Left), Biartic	{GF 2 B}	componentSymbol
E11BLT	Position light, Left (Trailer), Biartic	{GF 2 B}	componentSymbol
E11BR1	Side marker (Right), Biartic	{GF 2 B}	componentSymbol
E11BR2	Side marker (Right), Biartic	{GF 2 B}	componentSymbol
E11BR3	Side marker (Right), Biartic	{GF 1 B}	componentSymbol
E11BRT	Side marker (Right), Trailer, Biartic	{GF 1 B}	componentSymbol
E11LA	Side marker light left	{GC 5 B}	componentSymbol
E11LF	Side marker light left front	{GC 5 B}	componentSymbol
E11LR	Side marker light left rear	{GC 5 B}	componentSymbol
E11ML	Side marker light middle left	{GC 4 B}	componentSymbol
E11MR	Side marker light middle right	{GC 3 B}	componentSymbol
E11RA	Side marker light right	{GC 4 B}	componentSymbol
E11RF	Side marker light right front	{GC 4 B}	componentSymbol
E11RR	Side marker light right rear	{GC 4 B}	componentSymbol
E11TL	Position Light,Left(Trailer)	{GC 5 B}	componentSymbol
E11TR	Position Light,Right(Trailer)	{GC 4 B}	componentSymbol
E13AL	Direction indicator (left),Artic	{GD 4 B}	componentSymbol
E13ALT	Direction indicator,Left(trailer),Artic	{GD 3 B}	componentSymbol
E13AR	Direction indicator,(Left),Artic	{GD 3 B}	componentSymbol
E13ART	Direction indicator,Right,(Artic)	{GD 3 B}	componentSymbol
E13BL	Direction indicator (Left), Biartic	{GF 4 C}	componentSymbol
E13BLT	Direction indicator, Left (Trailer), Biartic	{GF 3 C}	componentSymbol
E13BR	Direction indicator (Right), Biartic	{GF 4 C}	componentSymbol
E13BRT	Direction indicator, Right (Trailer), Biartic	{GF 3 C}	componentSymbol
E13L	Lamp direction indicator left	{GA 4 A}	componentSymbol
E13LA	Dir.indicator left	{GA 4 A}	componentSymbol
E13LR	Dir. indicator left rear	{GA 3 B}	componentSymbol
E13R	Dir. indicator right	{GC 2 B}	componentSymbol
E13RB	Dir.indicator right	{GC 2 B}	componentSymbol
E13RR	Dir. indicator right rear	{GC 2 B}	componentSymbol
E4	Fuel heater	{CN 1 D}	componentSymbol
E913A	Lamp, EGS gearbox diagnostics	{DA 1 D}	componentSymbol
E913B	Lamp, EGS gearbox diagnostics	{DA 1 B}	componentSymbol
F1	Fuse, ECS, 5A	{FA 0 D}	componentSymbol
F10	Fuse, Fire Alarm, 5A	{BB 5 D}	componentSymbol
F11	Fuse, Dynafleet, 10A	{NC 5 D}	componentSymbol
F12	Fuse, Body +30, 5A	{BB 4 D}	componentSymbol
F13	Fuse, Oilmaster 10A	{CO 4 D}	componentSymbol
F14	Fuse, BBM, 5A	{BB 5 D}	componentSymbol
F15	Fuse, EECU, 15A	{BA 4 D}	componentSymbol
F16	Fuse, VECU, 5A	{BA 4 D}	componentSymbol
F17	Fuse, Switch feed, 5A	{AC 2 D}	componentSymbol
F18	Fuse, Alternator, 5A	{AC 1 D}	componentSymbol
F19	Fuse, Hymer, 10A	{AC 3 D}	componentSymbol
F2	Fuse, BIC2, 10A	{NA 1 D}	componentSymbol
F20	Fuse, EBS, 10A	{EO 5 D}	componentSymbol
F21	Fuse, Wiper washer, 15A	{GM 2 D}	componentSymbol
F22	Fuse, Diva 5, Ecolife, 10A	{DC 3 D}	componentSymbol
F23	Fuse, ACC, 5A	{NE 3 D}	componentSymbol

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F24	Fuse, BIC2, 5A	{NA 1 D}	componentSymbol
F25	Fuse, Washer motor, 15A	{GM 4 D}	componentSymbol
F26	Fuse, ECS, 5A	{FA 0 D}	componentSymbol
F27	Fuse, G8-EGS, 10A	{DA 4 D}	componentSymbol
F28	Fuse, Retarder, 10A	{DM 4 D}	componentSymbol
F29	Fuse, Body +DR, 5A	{BB 4 D}	componentSymbol
F30	Fuse, Fuel heater MD7, 20A	{AC 2 D}	componentSymbol
F31	Fuse, Hydraulic oil, DNOX2, 10A	{NA 5 D}	componentSymbol
F32	Fuse, Tachograph, 5A	{NB 4 D}	componentSymbol
F33	Fuse, BIC2, 5A	{NA 1 D}	componentSymbol
F34	Fuse, Tachograph, 10A	{NB 4 D}	componentSymbol
F35	Fuse, LCM, 25A	{GA 5 D}	componentSymbol
F36	Fuse, LCM, 25A	{GA 4 D}	componentSymbol
F37	Fuse, LCM, 25A	{GA 3 D}	componentSymbol
F39	Fuse, DNOX2, 25A	{CU 5 D}	componentSymbol
F4	Fuse, EBS, 20A	{EO 5 D}	componentSymbol
F41	Fuse, Radio, 20A	{IU 4 D}	componentSymbol
F42	Fuse, Main switch, 5A	{AA 5 D}	componentSymbol
F44	Fuse, LCM, 25A	{GA 5 D}	componentSymbol
F45	Fuse, LCM, 25A	{GA 4 D}	componentSymbol
F46	Fuse, LCM, 25A	{GA 4 D}	componentSymbol
F47	Fuse, Side marker L, 5A	{GC 5 D}	componentSymbol
F48	Fuse, Side marker R, 5A	{GC 5 D}	componentSymbol
F49	Fuse, Fuel cut off valve, 5A	{NA 5 D}	componentSymbol
F5	Fuse, Horn, 5A	{IS 2 D}	componentSymbol
F50	Fuse, Retarder, 10A	{DM 4 D}	componentSymbol
F51	Fuse, Radio, 5A	{IU 4 D}	componentSymbol
F52	Fuse, Luggage light, 10A	{BB 3 D}	componentSymbol
F53	Fuse, Bogie valve, Heater waterseparator, 10A	{BB 0 D}	componentSymbol
F54	Fuse, Engine/Luggage hatch, 5A	{GA 3 D}	componentSymbol
F55	Fuse, Engine brake valve, Preheat relay, Fan speed clutch, 10A	{BA 2 D}	componentSymbol
F56	Fuse, Engine brake, 10A	{BA 2 D}	componentSymbol
F57	Fuse, Key switch, 5A	{AA 4 D}	componentSymbol
F58	Fuse, FTM, 5A	{CG 3 D}	componentSymbol
F6	Fuse, Emergency parking brake release, 5A	{EX 4 D}	componentSymbol
F60	Fuse, Ecolife, ZF4, 10A	{DD 1 D}	componentSymbol
F61	Fuse, Light luggage room, 10A	{GA 3 D}	componentSymbol
F62	Fuse, Light sleeping compartment, 20A	{GA 2 D}	componentSymbol
F63	Fuse, Starter motor control, 5A	{CL 1 D}	componentSymbol
F64	Fuse, Load Indicator 10A	{CL 2 C}	componentSymbol
F7	Fuse, Gearbox ECU I-shift, 15A	{DN 4 D}	componentSymbol
F8	Fuse, Gear selector I-shift, 5A	{DN 4 D}	componentSymbol
F9	Fuse, Switchbox start/stop rear, 5A	{AG 4 D}	componentSymbol
F90A	Fuse, heated hose	{CU 1 B}	componentSymbol
F90B	Fuse, heated hose	{CU 1 B}	componentSymbol
F92	Fuse 150A, pre-heater	{AB 1 C}	componentSymbol
F96	Fuse, Xenon low beam L, 10A	{GN 5 C}	componentSymbol
F97	Fuse, Xenon low beam R, 10A	{GN 4 C}	componentSymbol

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Part Name	Description	Location	Part Type
F98	Fuse, Xenon high beam L, 10A	{GN 4 C}	componentSymbol
F99	Fuse, Xenon high beam R,10A	{GN 4 C}	componentSymbol
FH5	Fuse house, Xenon light	{GN 5 C}	componentSymbol
FL2A	Front light, L	{GE 5 B}	componentSymbol
FL3A	Front light, R	{GE 3 B}	componentSymbol
G01	Battery	{AB 5 B}	componentSymbol
G01B	Battery	{AB 5 B}	componentSymbol
G02	Alternator 1	{AD 3 C} {AE 3 B}	componentSymbol
G02.S9	Alternator 1	{AH 3 B}	componentSymbol
G02_	Alternator 1	{AF 3 B}	componentSymbol
G03	Alternator 2	{AD 2 C} {AE 2 B}	componentSymbol
G03.B_R9L	Alternator 2	{AE 2 C}	componentSymbol
G03.B_R9TL	Alternator 2	{AE 2 C}	componentSymbol
G03.S9	Alternator 2	{AH 3 B}	componentSymbol
G03_	Alternator 2	{AF 2 B}	componentSymbol
G04	Alternator 3	{AE 1 B}	componentSymbol
G04.S9	Alternator 3	{AH 2 B}	componentSymbol
G04_	Alternator 3	{AF 1 B}	componentSymbol
G04_25	Alternator 3	{AE 2 B}	componentSymbol
GND_ENGINEBLOCK		{ZC 1 A}	componentSymbol
GND_FRAME		{ZC 2 A}	componentSymbol
GND11		{ZC 2 C}	componentSymbol
GND1A		{ZC 2 A}	componentSymbol
GND1B		{ZC 3 A}	componentSymbol
GND1C		{ZC 2 A}	componentSymbol
GND1D		{ZC 0 A}	componentSymbol
GND1E		{ZC 0 C}	componentSymbol
GND2A		{AF 3 B}	componentSymbol
GND2B		{AF 2 B}	componentSymbol
GND2C		{AE 1 B}	componentSymbol
GND2D		{AE 4 B}	componentSymbol
GND2F		{AF 3 B}	componentSymbol
GND2G		{AF 2 B}	componentSymbol
GND31A		{ZC 1 A}	componentSymbol
GND31B		{AB 5 A}	componentSymbol
GND6		{GB 5 B}	componentSymbol
GND6B		{ZC 4 D}	componentSymbol
GND70		{ZC 1 A}	componentSymbol
GND71		{ZC 0 A}	componentSymbol
GND72		{AH 4 B}	componentSymbol
GND73		{AH 2 B}	componentSymbol
GND74		{CU 1 A}	componentSymbol
GND75		{GA 0 C}	componentSymbol
GND76		{CB 1 D}	componentSymbol
GND77		{ZC 3 A}	componentSymbol
GND78		{ZC 3 A}	componentSymbol
GND8		{ZC 2 B}	componentSymbol
GND9		{CO 3 A}	componentSymbol

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Part Name	Description	Location	Part Type
GNDX		{ZC 4 C}	componentSymbol
GS1	VDV_dash	{NF 3 D}	componentSymbol
GS2	VDV_dash	{NF 3 E}	componentSymbol
H01	Horn, air operated	{IS 2 C}	componentSymbol
H02	Horn	{IS 1 C}	componentSymbol
H05	Buzzer,H05	{DA 1 D}	componentSymbol
Interface_BOARD	VDV-dash	{NF 0 C}	componentSymbol
K02	Relay_Day_Light_Running	{GB 5 C}	componentSymbol
K11	Prevent start engine	{AA 2 C}	componentSymbol
K12	Luggage Light	{BB 3 C}	componentSymbol
K13	Emergency switch relay	{AA 4 D}	componentSymbol
K14	Bogie	{BB 0 C}	componentSymbol
K15	RECU	{DM 4 C}	componentSymbol
K16	RECU	{DM 4 C}	componentSymbol
K17	Ignition +DR	{AA 1 D}	componentSymbol
K18	Hubner warning	{LA 4 C}	componentSymbol
K19	Hubner reverse signal	{FO 2 D}	componentSymbol
K2	Load Indicator	{CL 2 C}	componentSymbol
K200	Relay engine preheat	{CN 4 D}	componentSymbol
K201	Relay, pre-heater	{AB 1 B}	componentSymbol
K21	Hubner warning	{LB 4 C}	componentSymbol
K25	Exhaust flap	{CN 1 C}	componentSymbol
K25X	Xenon light low beam left	{GN 5 B}	componentSymbol
K26X	Xenon light low beam right	{GN 4 B}	componentSymbol
K27X	Xenon light high beam left	{GN 4 B}	componentSymbol
K28X	Xenon light high beam right	{GN 3 B}	componentSymbol
K3	ECS	{FA 0 B}	componentSymbol
K35	Relay, disconn headlight wash	{GM 4 C}	componentSymbol
K4	I-Shift/Voith	{DN 4 D}	componentSymbol
K48	Relay Engine Preheating	{CN 2 C}	componentSymbol
K5	EGS	{DA 4 D}	componentSymbol
K6	EGS	{DA 5 D}	componentSymbol
K7	Start engine	{AC 5 C}	componentSymbol
K8	VECU/EMS	{BA 5 C}	componentSymbol
K9	Wiper/Washer	{GM 2 C}	componentSymbol
K902	Relay heated hose pressure line	{CU 3 B}	componentSymbol
K903	Relay heated hose backflow to pump line	{CU 3 B}	componentSymbol
K906	Relay, Turntable failure	{FC 5 C}	componentSymbol
K908	Relay heated hose suction line	{CU 4 B}	componentSymbol
K909	Relay heated hose backflow to tank line	{CU 2 B}	componentSymbol
K911	Relay, DRL, Day Running Light	{GE 4 D}	componentSymbol
K912	Relay, Throttle heater MG9	{CB 1 D}	componentSymbol
K920		{CL 1 B}	componentSymbol
M01	Motor, windscreen wiper	{GM 1 B}	componentSymbol
M02	Motor, windscreen washer pump	{GM 3 B}	componentSymbol
M03	Motor, headlamp high pressure washer pump	{GM 4 B}	componentSymbol
Multic	VDV_dash	{NF 0 A}	componentSymbol
OBD	On Board Diagnostic	{NA 0 B}	componentSymbol
OBD2	On Board Diagnostic	{NA 1 A}	componentSymbol
OBD3	Diagnostic connector for HUBNER ECU.	{LB 1 C}	componentSymbol

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Part Name	Description	Location	Part Type
R01	Heater, engine preheat	{CM 1 D}	componentSymbol
R01_	Heater, engine preheat	{CC 1 C}	componentSymbol
R02	Heater, rear view mirror	{GB 5 C}	componentSymbol
R08	Resistor, CAN-bus Termination	{XC 4 D}	componentSymbol
R1	Heater engine preheat	{CN 3 C}	componentSymbol
R1_MD9	Heater, engine preheat	{CA 1 C}	componentSymbol
R10	Pulldown for Brake signal	{FC 2 C}	componentSymbol
R10_	Pulldown for Brake signal	{LB 1 D}	componentSymbol
R11	Pulldown for E-Gas step 1 signal	{FC 3 C}	componentSymbol
R11.	Pulldown for E-Gas step 1 signal	{LA 3 D}	componentSymbol
R11_	Pulldown for E-Gas step 1 signal	{LB 2 D}	componentSymbol
R12	Pulldown for E-Gas step 2 signal	{FC 3 C}	componentSymbol
R12.	Pulldown for E-Gas step 2 signal	{LA 2 D}	componentSymbol
R12_	Pulldown for E-Gas step 2 signal	{LB 2 D}	componentSymbol
R20	Heater waterseparator	{BB 0 B}	componentSymbol
R904	Resistor, DBUS Termination	{CL 3 D}	componentSymbol
R904_2	Resistor_DBUS	{CG 2 D}	componentSymbol
R905	Heated Hose Suction Line	{CU 4 B}	componentSymbol
R906	Heated Hose Pressure Line	{CU 4 B}	componentSymbol
R907	Resistor, CAN2 termination	{CV 0 C}	componentSymbol
R908	Heated Hose Backflow to tank DNOX2	{CU 2 B}	componentSymbol
R909	Heated Filter DNOX2	{CU 5 B}	componentSymbol
R910	Heated Hose Backflow to pump DNOX2	{CU 3 B}	componentSymbol
R911	Resistor, CRT diagnos	{CL 4 B}	componentSymbol
rc3	Pulldown for C3 signal	{LA 2 D}	componentSymbol
Rc3	Pulldown for C3 signal	{LB 2 D}	componentSymbol
RC3	Pulldown for C3 signal	{DA 3 D}	componentSymbol
RC3_HYM	Pulldown for C3 signal	{FC 3 D}	componentSymbol
RL1A	Rear light, R	{GE 0 B}	componentSymbol
RL2A	Rear light, L	{GE 1 B}	componentSymbol
S01	Switch, main lighting, selector type	{GB 5 D}	componentSymbol
S02	Switch, stalk full / dipped beams	{BA 3 D} {GB 2 D}	componentSymbol
S06	Switch, stalk windscreen wiper, selector type	{NA 2 B} {GM 1 D}	componentSymbol
S08	Switch,differential gear lock,rear wheels	{EO 3 C}	componentSymbol
S11	Switch, bogie lift, selector type	{FA 3 B}	componentSymbol
S12	Switch, battery main switch	{AA 4 C}	componentSymbol
S14A	Switch, push button, horn	{IS 2 A}	componentSymbol
S14B	Switch, push button, horn	{IS 1 A}	componentSymbol
S15A	Switch,Starter Key	{AA 3 D}	componentSymbol
S15B	Switch,Starter Feed	{AA 4 B}	componentSymbol
S16	Switch, push button, air horn	{IS 1 A}	componentSymbol
S19	Switch,extra	{DA 2 C}	componentSymbol
S209	Switch, fuel pump	{CA 3 C}	componentSymbol
S209_	Switch, fuel pump	{CM 3 C}	componentSymbol
S24	Switch, stalk retarder, selector type	{BA 1 D}	componentSymbol
S31	Switch, TCS, Traction Control System	{EP 1 B}	componentSymbol
S32	Switch, brake hold	{EP 1 C}	componentSymbol
S34	Switch unit, steering wheel push buttons	{IS 5 C}	componentSymbol

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Part Name	Description	Location	Part Type
S40	Switch, battery main switch	{AA 5 C}	componentSymbol
S45	Switch, position differential gear lock indicator, rear wheels, NC. or NO.	{EP 1 C}	componentSymbol
S48	Pressure switch, brake light, NO.	{LB 2 D}	componentSymbol
S50	Switch, pressure parking brake indicator, NO	{BA 3 A}	componentSymbol
S58	Switch, position clutch pedal, NO.	{BA 2 C}	componentSymbol
S68	Switch proximity, coolant level, NC.	{CN 3 C} {CM 2 D} {CA 2 D}	componentSymbol
S68_	Switch proximity, coolant level, NC.	{CC 5 C}	componentSymbol
S68_S9	Switch proximity, coolant level, NC.	{CA 2 D}	componentSymbol
S70	Switch position , flow sensor, power-steering, NC	{BB 1 B}	componentSymbol
S72	Switch, water separator draining	{CC 1 B}	componentSymbol
S77	Switch, emergency call	{NC 3 C}	componentSymbol
S77A	Switch, emergency call	{CP 3 B}	componentSymbol
S901	Switch, eng stop rear	{AG 1 B} {AG 5 B} {AG 2 B} {AG 2 B}	componentSymbol
S901_U	Switch, eng stop switch outside	{AG 2 B}	componentSymbol
S902	Switch, raise/lower	{FA 1 B}	componentSymbol
S904	Switch,emergency cut-out	{AA 4 D}	componentSymbol
S905	Switch,Retarder	{BA 1 A}	componentSymbol
S907	Switch, eng start rear	{AG 1 B} {AG 3 B} {AG 5 B} {AG 4 B}	componentSymbol
S908	Switch, eng start enable rear	{AG 4 B} {AG 1 B} {AG 3 B} {AG 5 B}	componentSymbol
S908A	Switch, eng start enable roof	{AG 0 B}	componentSymbol
S908B	Switch, eng start enable rear	{AG 0 B}	componentSymbol
S909	Switch group,Voith transmission gear selector	{DC 1 D}	componentSymbol
S910	Switch, group ecomat transmission gear selector	{DB 1 D}	componentSymbol
S911	Switch, EGG, Israel	{EX 3 C}	componentSymbol
S913	Switch, cl.cont/rev.l man.transm	{GA 1 D}	componentSymbol
S915	Switch,kneeling	{FA 3 C}	componentSymbol
S916	Switch, EGS fault diagnosis checking	{DA 2 C}	componentSymbol
S917	Switch, group EGS gear selector	{DA 3 D}	componentSymbol
S918	Switch, EGS extera gear	{DA 1 C}	componentSymbol
S925		{NC 2 D}	componentSymbol
S926	Switch, Ecomat transmission retarder oil temperature.	{DB 3 B}	componentSymbol
S927	Switch, alternative gearshift program,ZF	{DB 2 D}	componentSymbol
S927_ZF5	Switch, alternative gearshift program,ZF	{DD 3 D}	componentSymbol
S928	Switch, Position Neutral	{BB 4 C}	componentSymbol
S932	Switch, alternative gearshift program, Voith	{DC 2 C}	componentSymbol
S935	Switch, Jack knife warning	{BC 4 B}	componentSymbol
S935A	Switch, Jack knife warning	{BC 5 B}	componentSymbol
S935B	Switch, Jack knife warning (last trailer)	{BC 4 A}	componentSymbol

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Part Name	Description	Location	Part Type
S935C		{BC 4 B}	componentSymbol
S936	Switch, Jack knife stop	{BC 3 B}	componentSymbol
S936A	Switch, Jack knife stop	{BC 3 B}	componentSymbol
S936B	Switch, Jack knife stop (last trailer)	{BC 3 B}	componentSymbol
S936C		{BC 4 B}	componentSymbol
S939	Switch, service gas system	{CG 4 C}	componentSymbol
S940	Switch, Oilmaster	{CO 3 D}	componentSymbol
S941	Switch, reverse gearselector	{DC 1 C} {DD 5 D}	componentSymbol
S942	Switch, ON/OFF RAS	{CL 5 D}	componentSymbol
S945	Switch, Steering wheel adjustment	{BA 3 B}	componentSymbol
SWP_L	VDV_dash	{NG 1 B}	componentSymbol
SWP_R	VDV_dash	{NF 3 B}	componentSymbol
U03	Modulator, EBS, rear axle	{EO 2 C}	componentSymbol
U04	Modulator, EBS, 3:rd axle	{EP 4 B}	componentSymbol
U05	Modulator, EBS, trailer	{EP 3 B}	componentSymbol
U06	Voltage converter	{IU 4 C}	componentSymbol
U06_	Voltage converter	{CB 4 C}	componentSymbol
U07	Modulator, EBS,Bogie/Artic	{EP 5 B}	componentSymbol
U08	Modulator, EBS,front	{EO 3 C}	componentSymbol
U11	Modulator, EBS, last-trailer, biartic	{EO 1 C}	componentSymbol
U12	Voltage converter, Bi-xenon	{GE 4 C}	componentSymbol
V03	Diod, Light	{GE 4 C}	componentSymbol
V04	Diod, Light	{GE 4 C}	componentSymbol
X09	Slip contact/Horne	{IS 1 B}	componentSymbol
X09_RX	Slip contact horn	{IS 1 B}	componentSymbol
X902	Power connection box MD7	{AD 4 B}	componentSymbol
X903	VPDU Front with main relay and main switch	{AB 5 C}	componentSymbol
X904	VPDU Rear with preheat relay	{AB 3 D}	componentSymbol
X905	VPDU Rear without preheat relay	{AB 4 B}	componentSymbol
X906	External charger outlet	{AB 5 B}	componentSymbol
X907	VPDU 3 Fuses	{AE 3 D}	componentSymbol
X917	Power junction R9S	{AH 3 C}	componentSymbol
X918	Power connection box T	{AF 3 C}	componentSymbol
XC103_R12		{AB 4 B}	componentSymbol
XC103_R7		{AB 4 B}	componentSymbol
XC103_R9		{AB 4 B}	componentSymbol
XC201_R12		{AB 1 B}	componentSymbol
XC201_R9L		{AB 2 B}	componentSymbol
XC201_R9TL		{AB 2 B}	componentSymbol
XC202A_R12		{AB 2 C}	componentSymbol
XC202A_R9S_R9L		{AB 3 C}	componentSymbol
XC202A_R9TL		{AB 3 C}	componentSymbol
XC202B_R12		{AB 2 B}	componentSymbol
XC202B_R9S_9L		{AB 2 B}	componentSymbol
XC202B_R9TL		{AB 2 B}	componentSymbol
Y02	Solenoid valve, diff. lock, rear wheels	{EP 1 C}	componentSymbol
Y07	Solenoid valve, EPG (Exhaust Pressure Governor)	{CA 0 C}	componentSymbol
Y17	Solenoid valve, retarder	{DM 3 A}	componentSymbol

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Part Name	Description	Location	Part Type
Y17.1	Solenoid valve, retarder	{CN 1 B}	componentSymbol
Y17.2	Solenoid valve, retarder	{CN 1 B}	componentSymbol
Y25	Solenoid valve unit, ECS, Rear axle	{FA 5 C}	componentSymbol
Y33	Solenoid valve, UI (Unit Injector)	{CM 3 B}	componentSymbol
Y33_	Solenoid valve, UI (Unit Injector)	{CC 2 B}	componentSymbol
Y35	Solenoid valve, engine cooling fan	{CN 5 D}	componentSymbol
Y35.1	Solenoid valve, engine cooling fan	{CB 2 C}	componentSymbol
Y35_D9	Solenoid valve, engine cooling fan	{CA 4 C}	componentSymbol
Y36	Solenoid valve, Steerable axle, Bogie	{BB 0 D}	componentSymbol
Y37	Solenoid valve unit, engine brake/EPG	{CM 1 C}	componentSymbol
Y37_	Solenoid valve unit, engine brake / EPG (Exhaust pressure governor)	{CC 2 C}	componentSymbol
Y39	Solenoid valve, VEB (Volvo Engine Brake).	{CM 1 D}	componentSymbol
Y39_	Solenoid valve, VEB (Volvo Engine Brake).	{CC 1 C}	componentSymbol
Y40	Solenoid valve unit, ECS, Front axle	{FA 4 B}	componentSymbol
Y46	Solenoid valve, piston cooling	{CM 2 C}	componentSymbol
Y47	Solenoid valve, engine cooling fan	{CM 5 B}	componentSymbol
Y53	Control valve block, RAS	{FO 1 B}	componentSymbol
Y72	Solenoid valve, Horn	{IS 2 C}	componentSymbol
Y90		{CB 5 B}	componentSymbol
Y900	solenoid valve unit, ECS, Bogie axle	{FA 2 C}	componentSymbol
Y901	Solenoid valve, fuel cut off valve front axle	{NA 5 C}	componentSymbol
Y901_LE	Solenoid valve, fuel cut off valve front axle	{NA 1 D}	componentSymbol
Y901_S9	Solenoid valve, fuel cut off valve front axle	{NA 5 B}	componentSymbol
Y901_S9BI	Solenoid valve, fuel cut off valve front axle	{NA 1 A}	componentSymbol
Y902	Solenoid valve, main EGG, Isreal	{EX 4 B}	componentSymbol
Y904	Solenoid valve, proportional, ecomat transmission retarder X8/Y1	{DB 4 B}	componentSymbol
Y910	Solenoid valve, internal transmission components X6/A4, Ecomat	{DB 2 B}	componentSymbol
Y911	Solenoid valve, inj SCRT	{CU 3 D} {CU 2 D} {CU 3 D}	componentSymbol
Y912	Solenoid valve, water heating SCRT	{CU 5 B}	componentSymbol
Y913	Solenoid valve, EGS	{DA 4 C}	componentSymbol
Y914	Solenoid valve, pressure control PCU/R	{EP 5 C}	componentSymbol
Y915	Solenoid valve, pressure control PCU/L	{EP 5 C}	componentSymbol
Y916	Solenoid valve unit, ECS, Artic Axle	{FA 2 C}	componentSymbol
Y916_A	Solenoid valve unit, ECS, Artic Axle	{FA 2 C}	componentSymbol
Y917	Solenoid valve, Fuel cut off valve rear axle	{NA 5 C}	componentSymbol
Y91A		{CA 0 C}	componentSymbol
Y924	Solenoid, Oil separator	{BB 1 D}	componentSymbol
Y925	Solenoid valve, gas tank1	{CG 3 B}	componentSymbol
Y926	Solenoid valve, gas tank2	{CG 3 B}	componentSymbol
Y927	Solenoid valve, gas tank3	{CG 3 B}	componentSymbol
Y928	Solenoid valve, gas tank4	{CG 2 B}	componentSymbol
Y929	Solenoid valve, gas tank5	{CG 2 B}	componentSymbol
Y930	Solenoid valve, gas tank6	{CG 1 B}	componentSymbol
Y931	Solenoid valve, gas tank7	{CG 1 B}	componentSymbol
Y932	Proportional valve, Hubner	{FC 2 A} {LA 2 B}	componentSymbol

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Y932A	Proportional valve, Hubner	{LB 2 A}	componentSymbol
Y933	Solenoid valve, cylinder RAS	{CL 4 D}	componentSymbol
Y934	Solenoid valve unit, ECS, last trailer (Biartic)	{FA 3 C}	componentSymbol
Y935	Solenoid valve, gas tank8	{CG 1 B}	componentSymbol
Y936	Solenoid, Steering wheel adjustment	{BA 4 A}	componentSymbol
Y937		{CL 1 B}	componentSymbol
Y938		{CL 1 B}	componentSymbol
+30:1		{AB 4 D}	inline_connector
+B:1		{AB 5 D}	inline_connector
30UA:1		{CU 1 B}	inline_connector
30UB:1		{CU 1 B}	inline_connector
A14_:1		{CC 3 C}	inline_connector
A14_:10		{CC 2 C}	inline_connector
A14_:11		{CC 4 C}	inline_connector
A14_:12		{CC 1 D}	inline_connector
A14_:2		{CC 3 C}	inline_connector
A14_:3		{CC 3 C}	inline_connector
A14_:4		{CC 3 C}	inline_connector
A14_:5		{CC 3 C}	inline_connector
A14_:6		{CC 2 C}	inline_connector
A14_:7		{CC 1 D}	inline_connector
A14_:8		{CC 4 C}	inline_connector
A14_:9		{CC 4 C}	inline_connector
A14A:1		{CM 5 C}	inline_connector
A14A:10		{CM 1 C}	inline_connector
A14A:11		{CM 0 C}	inline_connector
A14A:12		{AF 4 C}	inline_connector
A14A:2		{XC 4 B}	inline_connector
A14A:3		{XC 4 B}	inline_connector
A14A:4		{XD 3 B}	inline_connector
A14A:5		{XD 3 B}	inline_connector
A14A:7		{CM 1 D}	inline_connector
A14A:8		{CM 3 C}	inline_connector
A14A:9		{CM 5 C}	inline_connector
A14A_MG9:1		{CB 5 C}	inline_connector
A14A_MG9:12		{CB 1 D}	inline_connector
A14A_MG9:2		{XC 3 B}	inline_connector
A14A_MG9:3		{XC 3 B}	inline_connector
A14A_MG9:4		{XD 5 A}	inline_connector
A14A_MG9:5		{XD 5 A}	inline_connector
A14A_MG9:6		{CB 1 A}	inline_connector
A14A_MG9:7		{BD 1 C}	inline_connector
		{BD 4 C}	
A14A_MG9:8		{BD 1 C}	inline_connector
		{BD 4 C}	
A14A_MG9:9		{CB 5 C}	inline_connector
A14B:1		{CM 4 C}	inline_connector
A14B:2		{CM 4 C}	inline_connector
A14B:3		{CM 4 C}	inline_connector
A14B:4		{CM 4 C}	inline_connector

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A14B:5		{CM 2 C}	inline_connector
A14B:6		{CM 2 C}	inline_connector
A14B:7		{CM 5 B}	inline_connector
A14B_MG9:1		{CB 4 B}	inline_connector
A14B_MG9:2		{CB 4 A}	inline_connector
A14B_MG9:3		{CB 2 D}	inline_connector
A14B_MG9:4		{CB 2 C}	inline_connector
A14C:1		{CM 5 C}	inline_connector
A14C:2		{CM 0 C}	inline_connector
A14C:3		{CM 0 C}	inline_connector
A14C:4		{BD 0 B}	inline_connector
		{BD 2 B}	
A14C:5		{BD 0 D}	inline_connector
		{BD 2 D}	
A14C:6		{CM 5 B}	inline_connector
A14C:7		{CM 5 B}	inline_connector
A14D:1		{CM 5 B}	inline_connector
A14D:2		{CM 5 C}	inline_connector
A14D:3		{CM 5 C}	inline_connector
A14D:4		{CM 5 C}	inline_connector
A43:1		{CC 4 C}	inline_connector
A43:3		{CC 4 C}	inline_connector
A43:5		{AF 4 C}	inline_connector
A43:6		{CC 3 D}	inline_connector
A43:7		{CC 3 D}	inline_connector
A43_:1		{CC 4 C}	inline_connector
A43_:3		{CC 4 C}	inline_connector
A43_:5		{AF 4 B}	inline_connector
A43_:6		{CC 3 C}	inline_connector
A43_:7		{CC 3 C}	inline_connector
ACC:1		{NE 3 C}	inline_connector
ACC:2		{XC 4 C}	inline_connector
ACC:3		{XC 4 C}	inline_connector
ACC:4		{XD 3 D}	inline_connector
ACC:5		{XD 3 D}	inline_connector
ACC:6		{ZC 1 B}	inline_connector
ACC:7		{BA 3 B}	inline_connector
ACC:8		{BA 3 B}	inline_connector
ACC:9		{NE 3 C}	inline_connector
ARTIC.A1:1		{FB 1 D}	inline_connector
ARTIC.A1:10		{BC 5 C}	inline_connector
ARTIC.A1:11		{BC 3 C}	inline_connector
ARTIC.A1:12		{BC 3 C}	inline_connector
ARTIC.A1:2		{FB 1 D}	inline_connector
ARTIC.A1:3		{FB 3 B}	inline_connector
ARTIC.A1:4		{FB 3 B}	inline_connector
ARTIC.A1:5		{BC 5 C}	inline_connector
ARTIC.A1:6		{BC 5 C}	inline_connector
ARTIC.A1:7		{BC 4 D}	inline_connector
ARTIC.A1:8		{BC 3 C}	inline_connector

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ARTIC.A2:11		{BC 3 C}	inline_connector
ARTIC.A2:12		{BC 3 C}	inline_connector
ARTIC.A2:7		{BC 4 C}	inline_connector
ARTIC.A2:8		{BC 3 C}	inline_connector
ARTIC.A2:9		{BC 3 C}	inline_connector
ARTIC:1		{FB 1 D}	inline_connector
ARTIC:10		{BC 4 D}	inline_connector
ARTIC:11		{BC 3 D}	inline_connector
ARTIC:12		{BC 3 D}	inline_connector
ARTIC:2		{FB 1 D}	inline_connector
ARTIC:3		{FB 2 C}	inline_connector
ARTIC:4		{FB 1 D}	inline_connector
ARTIC:5		{BC 4 D}	inline_connector
ARTIC:6		{BC 4 D}	inline_connector
ARTIC:7		{BC 4 D}	inline_connector
ARTIC:8		{BC 3 C}	inline_connector
ARTIC:9		{BC 3 D}	inline_connector
AUDIO:1		{NA 4 C}	inline_connector
AUDIO:2		{NA 4 C}	inline_connector
AUDIO:3		{IS 4 C}	inline_connector
B_A:1		{FB 5 B}	inline_connector
B_A:2		{FB 4 D}	inline_connector
B07_A:1		{NB 1 D}	inline_connector
B07_A:2		{NB 1 D}	inline_connector
B07_B:1		{NB 1 D}	inline_connector
B07_B:2		{NB 1 D}	inline_connector
B903A:1		{DM 2 C}	inline_connector
B903A:2		{DM 2 C}	inline_connector
B930T:1		{CU 2 D}	inline_connector
B930T:2		{CU 2 D}	inline_connector
B930T:3		{CU 1 D}	inline_connector
B930T:4		{CU 1 D}	inline_connector
BB1:1	Idle switch	{BA 5 B}	inline_connector
BB1:10	AC 1	{BB 1 D}	inline_connector
BB1:11	Parking brake applied	{BA 3 A}	inline_connector
BB1:12	AC Disable	{BC 1 D}	inline_connector
BB1:2	Start disable	{BC 1 D}	inline_connector
BB1:3	Fire alarm,body	{BC 1 D}	inline_connector
BB1:4	Low priority loads, relay	{BC 2 D}	inline_connector
BB1:5	Luggage hatch ,open	{BB 2 B}	inline_connector
BB1:6	Safety belt indicator	{NA 2 B}	inline_connector
BB1:8	Washer fluid low level	{NA 2 B}	inline_connector
BB1:9	Altenator charging	{NA 2 B}	inline_connector
BB10A:1	remote control of extra power amplifier(12V)	{IU 4 A}	inline_connector
BB10A:3	+15(12V)	{IU 3 C}	inline_connector
BB10A:5	+30(12V)	{IU 4 C}	inline_connector
BB10A:7	Ground	{IU 5 C}	inline_connector
BB10A:9	N/A	{IU 3 A}	inline_connector
BB10B:1	remote control of extra power amplifier (12V)	{IU 4 A}	inline_connector

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BB10B:3	+15(12V)	{IU 4 C}	inline_connector
BB10B:5	+30(12V)	{IU 3 C}	inline_connector
BB10B:7	Ground	{IU 5 C}	inline_connector
BB10B:9	N/A	{IU 3 A}	inline_connector
BB11:1	Connected to RL:3	{GB 5 B}	inline_connector
BB13:1	AC 1 - 50%	{BC 5 D}	inline_connector
BB13:2	AC compressor 2	{CL 4 D}	inline_connector
BB13:3	AC compressor 3	{CL 4 D}	inline_connector
BB13:4	Lowering Protection	{FB 3 D}	inline_connector
BB13:5	TORQUE REDUCTION	{BC 5 D}	inline_connector
BB13:6	AC compressor 2	{CL 3 B}	inline_connector
BB13:7	AC compressor 3	{CL 2 B}	inline_connector
BB13:8		{CL 1 C}	inline_connector
BB2:1	Indoor temperator +	{NA 3 A}	inline_connector
BB2:10	Alarm	{GB 3 C}	inline_connector
BB2:11	Emergency switch	{AA 5 B}	inline_connector
BB2:12	Signal 4 pulses/meter C6	{NB 3 D}	inline_connector
BB2:2	Indoor temperature -	{NA 3 B}	inline_connector
BB2:3	Out door temperator +	{NA 3 B}	inline_connector
BB2:4	Out door temperatur-	{NA 3 B}	inline_connector
BB2:5	D-CAN H	{BC 1 A}	inline_connector
BB2:6	D-CAN L	{BC 1 A}	inline_connector
BB2:7	Horn(contacts steering wheelside)	{IS 1 B}	inline_connector
BB2:8	Horn supply	{IS 2 D}	inline_connector
BB2:9	Horn (contacts steer.wheel centre)	{IS 2 B}	inline_connector
BB3:1	Head lamps off	{GB 3 C}	inline_connector
BB3:10	Speed signal C3	{BA 4 B}	inline_connector
BB3:11	+30 main switch (fuse F12)	{BB 4 D}	inline_connector
BB3:12	+15 ignition(fuse F29)	{BB 4 D}	inline_connector
BB3:2	Prevent ECS action	{BC 1 D}	inline_connector
BB3:3	Kneeling position	{FA 4 B}	inline_connector
BB3:4	Lowering Protection	{FB 3 D}	inline_connector
BB3:5	Hazard warning lamps	{GB 2 C}	inline_connector
BB3:6	DRL Output	{GB 5 B}	inline_connector
BB3:7	Next stop indicator	{NA 2 A}	inline_connector
BB3:8	Pram indicator	{NA 2 A}	inline_connector
BB3:9	+15 Ignition	{AC 5 C}	inline_connector
BB4:1	Glass heating	{BC 2 D}	inline_connector
BB4:10	Speed signal X km/h	{BA 4 B}	inline_connector
BB4:11	Dimmer,dashboard illumination	{GB 1 C}	inline_connector
BB4:12	N/A	{CG 3 D}	inline_connector
BB4:2	Host call	{BC 2 D}	inline_connector
BB4:3	Toilet fluid level	{BC 1 D}	inline_connector
BB4:4	Toilet occupied	{BC 1 D}	inline_connector
BB4:5	Door failure	{BC 1 D}	inline_connector
BB4:6	Door brake, status	{BC 2 D}	inline_connector
BB4:7	Door brake,request	{EP 2 D}	inline_connector
BB4:8	Speed signal 5 km/h	{BA 4 B}	inline_connector
BB4:9	Any door open	{NA 2 A}	inline_connector
BB5.A:1		{GB 3 B}	inline_connector

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BB5.A:11		{GB 4 B}	inline_connector
BB5.A:12		{GB 1 B}	inline_connector
BB5.A:2		{GB 2 B}	inline_connector
BB5.A:3		{GB 4 B}	inline_connector
BB5.A:4		{GB 0 B}	inline_connector
BB5.A:5		{GB 2 B}	inline_connector
BB5.A:6		{GB 2 C}	inline_connector
BB5.A:7		{GB 4 B}	inline_connector
BB5.A:8		{GB 1 B}	inline_connector
BB5.A:9		{GB 3 B}	inline_connector
BB5.B:1		{GB 3 B}	inline_connector
BB5.B:10		{GB 2 B}	inline_connector
BB5.B:11		{GB 3 B}	inline_connector
BB5.B:12		{GB 1 B}	inline_connector
BB5.B:2		{GB 1 B}	inline_connector
BB5.B:3		{GB 4 B}	inline_connector
BB5.B:4		{GB 0 B}	inline_connector
BB5.B:5		{GB 2 B}	inline_connector
BB5.B:6		{GB 2 C}	inline_connector
BB5.B:7		{GB 4 B}	inline_connector
BB5.B:8		{GB 1 B}	inline_connector
BB5.B:9		{GB 3 B}	inline_connector
BB5:1	dipped beam.Left	{GB 3 B}	inline_connector
BB5:10	Main beam 2.Right	{GB 2 B}	inline_connector
BB5:11	Main beam 1.Left	{GB 3 B}	inline_connector
BB5:12	Main beam 1.Right	{GB 1 B}	inline_connector
BB5:2	Dipped beam.Right	{GB 1 B}	inline_connector
BB5:3	Direction indicator,front and side.Left	{GB 4 B}	inline_connector
BB5:4	Direction indicator,Front and side. Right	{GB 0 B}	inline_connector
BB5:5	Fog lamps,front	{GB 2 B}	inline_connector
BB5:6	Additional main beam	{GB 2 C}	inline_connector
BB5:7	End-outline maker,side marker,position lamps.Left	{GB 4 B}	inline_connector
BB5:8	End-outline marker,side marker, position lamps.Right	{GB 1 B}	inline_connector
BB5:9	Main beam 2. Left	{GB 3 B}	inline_connector
BB6.A1:1		{BC 2 B}	inline_connector
BB6.A1:10		{CG 1 C}	inline_connector
BB6.A1:11		{CG 0 C}	inline_connector
BB6.A1:12		{GA 2 B}	inline_connector
BB6.A1:2		{GA 3 D}	inline_connector
BB6.A1:4		{GA 3 D}	inline_connector
BB6.A1:5		{BB 2 B}	inline_connector
BB6.A1:6		{BB 3 C}	inline_connector
BB6.A1:7		{CG 1 C}	inline_connector
BB6.A1:8		{CG 1 C}	inline_connector
BB6.A1:9		{CG 1 C}	inline_connector
BB6.A2:1		{BC 2 B}	inline_connector
BB6.A2:10		{CG 1 C}	inline_connector

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BB6.A2:2		{GA 3 D}	inline_connector
BB6.A2:4		{GA 2 D}	inline_connector
BB6.A2:5		{BB 2 B}	inline_connector
BB6.A2:6		{BB 3 C}	inline_connector
BB6.A2:7		{CG 1 C}	inline_connector
BB6.A2:8		{CG 1 C}	inline_connector
BB6.A2:9		{CG 1 C}	inline_connector
BB6.A3:1		{BC 2 B}	inline_connector
BB6.A3:10		{CG 1 D}	inline_connector
BB6.A3:11		{CG 0 D}	inline_connector
BB6.A3:12		{GA 2 B}	inline_connector
BB6.A3:2		{GA 3 C}	inline_connector
BB6.A3:4		{GA 2 D}	inline_connector
BB6.A3:5		{BB 2 C}	inline_connector
BB6.A3:6		{BB 3 D}	inline_connector
BB6.A3:7		{CG 1 D}	inline_connector
BB6.A3:8		{CG 1 D}	inline_connector
BB6.A3:9		{CG 1 D}	inline_connector
BB6:1	Starter inhibitor, engine hatch	{BC 3 B}	inline_connector
BB6:10		{CG 1 C}	inline_connector
BB6:11		{CG 0 C}	inline_connector
BB6:12	Reverse warning signal	{GA 2 B}	inline_connector
BB6:2	N/A	{GA 3 D}	inline_connector
BB6:3	AC compressor 3	{CL 2 B}	inline_connector
BB6:4	+30 main swith(fuse F54)	{GA 3 D}	inline_connector
BB6:5	Luggage hatch, open	{BB 2 B}	inline_connector
BB6:6	Luggage compartment light	{BB 3 C}	inline_connector
BB6:7		{CG 1 C}	inline_connector
BB6:8		{CG 1 C}	inline_connector
BB6:9		{CG 1 C}	inline_connector
BB6A:4		{GD 5 D}	inline_connector
BB6A:5		{GD 4 D}	inline_connector
BB6A:6		{GD 3 D}	inline_connector
BB6B:1		{BC 3 B}	inline_connector
BB6B:10		{CG 1 D}	inline_connector
BB6B:11		{CG 0 D}	inline_connector
BB6B:12		{GA 2 B}	inline_connector
BB6B:2		{GA 3 C}	inline_connector
BB6B:4		{GA 3 C}	inline_connector
BB6B:5		{BB 2 B}	inline_connector
BB6B:6		{BB 3 D}	inline_connector
BB6B:7		{CG 1 D}	inline_connector
BB6B:8		{CG 1 D}	inline_connector
BB6B:9		{CG 1 D}	inline_connector
BB7.A1:1		{GC 3 C}	inline_connector
BB7.A1:10		{GC 4 C}	inline_connector
BB7.A1:11		{GA 3 B}	inline_connector
BB7.A1:12		{GA 2 B}	inline_connector

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BB7.A1:3		{GA 4 B}	inline_connector
BB7.A1:4		{GC 3 C}	inline_connector
BB7.A1:5		{GA 4 B}	inline_connector
BB7.A1:6		{GC 2 C}	inline_connector
BB7.A1:7		{GA 5 B}	inline_connector
BB7.A1:8		{GC 1 C}	inline_connector
BB7.A1:9		{GC 5 C}	inline_connector
BB7.A2:1		{GC 3 C}	inline_connector
BB7.A2:10		{GC 4 C}	inline_connector
BB7.A2:11		{GA 3 B}	inline_connector
BB7.A2:12		{GA 2 B}	inline_connector
BB7.A2:2		{GA 1 B}	inline_connector
BB7.A2:3		{GA 4 B}	inline_connector
BB7.A2:4		{GC 3 C}	inline_connector
BB7.A2:5		{GA 4 B}	inline_connector
BB7.A2:6		{GC 2 C}	inline_connector
BB7.A2:7		{GA 5 B}	inline_connector
BB7.A2:8		{GC 1 C}	inline_connector
BB7.A2:9		{GC 5 C}	inline_connector
BB7.A3:1		{GC 3 C}	inline_connector
BB7.A3:10		{GC 4 B}	inline_connector
BB7.A3:11		{GA 3 B}	inline_connector
BB7.A3:12		{GA 2 B}	inline_connector
BB7.A3:2		{GA 1 B}	inline_connector
BB7.A3:3		{GA 4 B}	inline_connector
BB7.A3:4		{GC 3 B}	inline_connector
BB7.A3:5		{GA 4 B}	inline_connector
BB7.A3:6		{GC 2 B}	inline_connector
BB7.A3:7		{GA 5 B}	inline_connector
BB7.A3:8		{GC 1 B}	inline_connector
BB7.A3:9		{GC 5 B}	inline_connector
BB7:1	Stop lamp.Right	{GC 3 C}	inline_connector
BB7:10	End-outline marker,side marker lamps.Rear right	{GC 4 C}	inline_connector
BB7:11	Stop lamp,left and Category S3 stop lamps	{GA 3 B}	inline_connector
BB7:12	Fog lamps,Rear	{GA 2 B}	inline_connector
BB7:2	Reversing lamps	{GA 1 B}	inline_connector
BB7:3	Direction indicator.Rear left	{GA 3 B}	inline_connector
BB7:4	Direction indicator.Rear right	{GC 2 C}	inline_connector
BB7:5	Extra direction indicator.Left	{GA 4 B}	inline_connector
BB7:6	Extra direction indicator.Right	{GC 2 C}	inline_connector
BB7:7	Rear position lamps.Left	{GA 5 B}	inline_connector
BB7:8	Rear position lamp.Right	{GC 1 C}	inline_connector
BB7:9	End-outline marker,sidemarkers lamps.Rear left	{GC 5 C}	inline_connector
BB7_T:1	Rear position lamp.Right	{GA 1 D}	inline_connector
BB7_T:11	Rear position lamp.Right	{GA 1 D}	inline_connector
BB7_T:2	Rear position lamp.Right	{GA 1 D}	inline_connector
BB7_T:3	Rear position lamp.Right	{GA 1 D}	inline_connector

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Part Name	Description	Location	Part Type
BB7_T:4	Rear position lamp.Right	{GA 1 D}	inline_connector
BB7_T:7	Rear position lamp.Right	{GA 0 D}	inline_connector
BB7_T:8	Rear position lamp.Right	{GA 1 D}	inline_connector
BB7A:1	Reversing lamps	{GD 5 C}	inline_connector
BB7A:10	End-outline marker,sidemarkers lamps.Rear right	{GD 2 D}	inline_connector
BB7A:11	Stop lamps,left and Category S3 stop lamps	{GD 1 C}	inline_connector
BB7A:12	Fog lamps ,Rear	{GD 0 C}	inline_connector
BB7A:2	Reversing lamps	{GD 4 C}	inline_connector
BB7A:3	Direction indicator.Rear left	{GD 4 C}	inline_connector
BB7A:4	Direction indicator.Rear right	{GD 3 C}	inline_connector
BB7A:5	Xtra direction indicator.Left	{GD 3 C}	inline_connector
BB7A:6	Extra direction indicator.Right	{GD 3 C}	inline_connector
BB7A:7	Rear position lamps.Left	{GD 3 C}	inline_connector
BB7A:8	Rear position lamps.Right	{GD 3 C}	inline_connector
BB7A:9	End-outline marker,sidemarkers lamps.Rear left	{GD 2 D}	inline_connector
BB7B:1	Stop lamp.Right	{GC 3 C}	inline_connector
BB7B:10	Direction indicator.Rear left	{GC 4 B}	inline_connector
BB7B:11	Direction indicator.Rear left	{GA 3 B}	inline_connector
BB7B:12	Direction indicator.Rear left	{GA 2 B}	inline_connector
BB7B:2	Reversing lamps	{GA 1 B}	inline_connector
BB7B:3	Direction indicator.Rear left	{GA 4 B}	inline_connector
BB7B:4	Stop lamp.Right	{GC 2 C}	inline_connector
BB7B:5	Direction indicator.Rear left	{GA 4 B}	inline_connector
BB7B:6	Direction indicator.Rear left	{GC 2 B}	inline_connector
BB7B:7	Direction indicator.Rear left	{GA 5 B}	inline_connector
BB7B:8	Stop lamp.Right	{GC 1 C}	inline_connector
BB7B:9	Direction indicator.Rear left	{GC 5 B}	inline_connector
BB8:1	End-outline marker lamp.Front left	{GB 4 A}	inline_connector
BB8:2	End-outline marker lamp.Front right	{GB 1 B}	inline_connector
BB8:3	Extra main beam	{GB 2 C}	inline_connector
BBOX:1		{AA 4 A}	inline_connector
BBOX:2		{AB 4 C}	inline_connector
BFEED:1		{CU 5 D}	inline_connector
BIO:1		{CG 3 D}	inline_connector
BIO:10		{ZC 0 B}	inline_connector
BIO:11		{CG 3 D}	inline_connector
BIO:12		{CL 1 C}	inline_connector
BIO:2		{XD 0 B}	inline_connector
BIO:3		{XD 0 B}	inline_connector
BIO:4		{BC 1 C}	inline_connector
BIO:5		{BC 1 C}	inline_connector
BIO:6		{BC 1 B}	inline_connector
BIO:7		{BC 1 B}	inline_connector
BIO:8		{CG 4 D}	inline_connector
BIO:9		{AA 2 D}	inline_connector
BIO_J:4		{BC 1 C}	inline_connector
BIO_J:5		{BC 1 C}	inline_connector
BIO_J:6		{BC 1 B}	inline_connector

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BIO_J:7		{BC 1 B}	inline_connector
BMUX:1		{XD 4 D}	inline_connector
BMUX:2		{XD 4 D}	inline_connector
BMUX:3	Externa main switch	{AA 5 C}	inline_connector
BMUX:4	Externa main switch	{AA 5 B}	inline_connector
BMUX:5		{AA 5 C}	inline_connector
BOGIE.A1:1		{FB 4 B}	inline_connector
BOGIE.A1:2		{FB 4 B}	inline_connector
BOGIE.A1:3		{FA 4 B}	inline_connector
BOGIE.A1:4		{FA 5 B}	inline_connector
BOGIE.A1:5		{FA 5 B}	inline_connector
BOGIE.A1:6		{EP 4 C}	inline_connector
BOGIE.A1:7		{EP 4 C}	inline_connector
BOGIE.A1:8		{EP 4 C}	inline_connector
BOGIE.A1:9		{EP 4 D}	inline_connector
BOGIE:1		{FB 3 D}	inline_connector
BOGIE:10		{ZC 3 B}	inline_connector
BOGIE:11		{BB 0 B}	inline_connector
BOGIE:12		{BB 0 B}	inline_connector
BOGIE:2		{FB 4 D}	inline_connector
BOGIE:3		{FA 1 B}	inline_connector
BOGIE:4		{FA 2 B}	inline_connector
BOGIE:5		{FA 3 B}	inline_connector
		{FA 2 B}	
BOGIE:6		{EP 4 C}	inline_connector
BOGIE:7		{EP 4 C}	inline_connector
BOGIE:8		{EP 4 D}	inline_connector
BOGIE:9		{EP 3 D}	inline_connector
BS1:10		{EP 4 D}	inline_connector
BS1:11		{EP 5 D}	inline_connector
BS1:12		{EP 5 D}	inline_connector
BS1:2		{EO 3 C}	inline_connector
BS1:3		{EO 3 C}	inline_connector
BS1:4		{EO 3 C}	inline_connector
BS1:5		{EO 2 C}	inline_connector
BS1:8		{EP 5 D}	inline_connector
BS1:9		{EP 5 D}	inline_connector
BS2:2		{EP 2 C}	inline_connector
BS2:3		{EP 2 C}	inline_connector
BS2:5		{EP 2 C}	inline_connector
BS2:6		{EP 2 C}	inline_connector
BS3.A1:1		{EO 2 B}	inline_connector
BS3.A1:10		{BA 0 C}	inline_connector
BS3.A1:11		{BA 0 B}	inline_connector
BS3.A1:12		{BA 0 B}	inline_connector
BS3.A1:2		{EO 2 B}	inline_connector
BS3.A1:3		{EO 1 B}	inline_connector
BS3.A1:4		{EO 1 B}	inline_connector
BS3.A1:5		{EP 1 D}	inline_connector
BS3.A1:6		{EP 2 D}	inline_connector

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Part Name	Description	Location	Part Type
BS3.A1:7		{EP 2 A}	inline_connector
BS3.A1:8		{NA 2 C}	inline_connector
BS3.A1:9		{BB 2 C}	inline_connector
BS3.A2:1		{EO 2 B}	inline_connector
BS3.A2:10		{BA 0 C}	inline_connector
BS3.A2:11		{BA 0 C}	inline_connector
BS3.A2:12		{BA 0 B}	inline_connector
BS3.A2:2		{EO 2 B}	inline_connector
BS3.A2:3		{EO 1 B}	inline_connector
BS3.A2:4		{EO 1 B}	inline_connector
BS3.A2:5		{EP 1 C}	inline_connector
BS3.A2:6		{EP 2 C}	inline_connector
BS3.A2:7		{EP 2 B}	inline_connector
BS3.A2:8		{NA 2 C}	inline_connector
BS3.A2:9		{BB 2 C}	inline_connector
BS3.A3:1		{EO 2 B}	inline_connector
BS3.A3:10		{BA 0 C}	inline_connector
BS3.A3:11		{BA 0 C}	inline_connector
BS3.A3:12		{BA 0 C}	inline_connector
BS3.A3:2		{EO 2 B}	inline_connector
BS3.A3:3		{EO 1 C}	inline_connector
BS3.A3:4		{EO 1 C}	inline_connector
BS3.A3:5		{EP 1 C}	inline_connector
BS3.A3:6		{EP 2 C}	inline_connector
BS3.A3:7		{EP 2 B}	inline_connector
BS3.A3:8		{NA 2 D}	inline_connector
BS3.A3:9		{BB 2 D}	inline_connector
BS3:1		{EO 2 B}	inline_connector
BS3:10		{BA 0 C}	inline_connector
BS3:11		{BA 0 C}	inline_connector
BS3:12		{BA 0 B}	inline_connector
BS3:2		{EO 2 B}	inline_connector
BS3:3		{EO 2 B}	inline_connector
BS3:4		{EO 1 B}	inline_connector
BS3:5		{EP 1 D}	inline_connector
BS3:6		{EP 1 D}	inline_connector
BS3:7		{EP 1 A}	inline_connector
BS3:8		{NA 2 D}	inline_connector
BS3:9		{BB 1 C}	inline_connector
BS3B:1		{EO 2 C}	inline_connector
BS3B:10		{BA 0 D}	inline_connector
BS3B:11		{BA 0 D}	inline_connector
BS3B:12		{BA 0 D}	inline_connector
BS3B:2		{EO 2 C}	inline_connector
BS3B:3		{EO 1 C}	inline_connector
BS3B:4		{EO 1 C}	inline_connector
BS3B:8		{NA 2 D}	inline_connector
BS3B:9		{BB 1 D}	inline_connector
CAN:1		{XC 5 B}	inline_connector
CAN:2		{XC 5 B}	inline_connector

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CAN:3		{XD 4 B}	inline_connector
CAN:4		{XD 4 B}	inline_connector
CAN:5		{CV 1 B}	inline_connector
CAN:6		{CV 1 B}	inline_connector
CAN_EMS:1		{XD 5 B}	inline_connector
CAN_EMS:2		{XD 5 B}	inline_connector
CAN_EMS:3		{XC 3 B}	inline_connector
CAN_EMS:4		{XC 3 B}	inline_connector
CAN_RAS:1		{XD 4 B}	inline_connector
CAN_RAS:2		{XD 4 B}	inline_connector
CAN_RAS:3		{XC 2 B}	inline_connector
CAN_RAS:4		{XC 2 B}	inline_connector
CNG:1		{CG 3 B}	inline_connector
CNG:2		{CG 3 B}	inline_connector
CNG:3		{CG 3 B}	inline_connector
CNG:4		{CG 2 B}	inline_connector
CNG:5		{CG 2 B}	inline_connector
CNG:6		{CG 1 B}	inline_connector
CNG:7		{CG 1 B}	inline_connector
CNG:8		{CG 4 B}	inline_connector
CNG:9		{CG 1 B}	inline_connector
CNPB1:1		{NA 1 C}	inline_connector
CNPB1:10		{NF 2 A}	inline_connector
CNPB1:11		{NF 2 A}	inline_connector
CNPB1:12		{NF 2 A}	inline_connector
CNPB1:13		{NF 2 A}	inline_connector
CNPB1:14		{NF 1 A}	inline_connector
CNPB1:15		{NF 1 A}	inline_connector
CNPB1:16		{NF 1 A}	inline_connector
CNPB1:17		{NF 2 A}	inline_connector
CNPB1:18		{NF 2 A}	inline_connector
CNPB1:19		{NG 3 D}	inline_connector
CNPB1:2		{NF 3 A}	inline_connector
CNPB1:20		{NG 2 D}	inline_connector
CNPB1:21		{NG 2 D}	inline_connector
CNPB1:22		{NG 3 B}	inline_connector
CNPB1:23		{NG 3 B}	inline_connector
CNPB1:24		{NG 3 C}	inline_connector
CNPB1:25		{NG 3 B}	inline_connector
CNPB1:3		{NF 3 A}	inline_connector
CNPB1:4		{NF 3 A}	inline_connector
CNPB1:5		{NF 3 A}	inline_connector
CNPB1:6		{NF 3 A}	inline_connector
CNPB1:7		{NF 2 A}	inline_connector
CNPB1:8		{NF 2 A}	inline_connector
CNPB1:9		{NF 2 A}	inline_connector
CNPB2:1		{NF 1 A}	inline_connector
CNPB2:10		{NG 2 D}	inline_connector
CNPB2:11		{NG 2 D}	inline_connector
CNPB2:12		{NG 2 D}	inline_connector

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CNPB2:13		{NG 3 D}	inline_connector
CNPB2:14		{NG 0 D}	inline_connector
CNPB2:15		{NG 0 D}	inline_connector
CNPB2:16		{NG 0 C}	inline_connector
CNPB2:17		{NG 0 C}	inline_connector
CNPB2:19		{NG 1 C}	inline_connector
CNPB2:2		{NF 1 A}	inline_connector
CNPB2:21		{NG 1 C}	inline_connector
CNPB2:22		{NG 1 D}	inline_connector
CNPB2:23		{NG 1 C}	inline_connector
CNPB2:24		{NG 1 D}	inline_connector
CNPB2:3		{NF 1 A}	inline_connector
CNPB2:4		{NF 1 A}	inline_connector
CNPB2:5		{NF 1 A}	inline_connector
CNPB2:6		{NF 1 C}	inline_connector
CNPB2:7		{NF 1 C}	inline_connector
CNPB2:8		{NF 1 C}	inline_connector
CNPB2:9		{NF 0 C}	inline_connector
CNPB3:1		{AA 4 B}	inline_connector
CNPB3:10		{NF 1 D}	inline_connector
CNPB3:11		{NF 1 D}	inline_connector
CNPB3:12		{NF 1 D}	inline_connector
CNPB3:13		{NF 2 D}	inline_connector
CNPB3:14		{NF 2 D}	inline_connector
CNPB3:15		{NF 2 D}	inline_connector
CNPB3:16		{NF 2 D}	inline_connector
CNPB3:17		{NF 2 D}	inline_connector
CNPB3:18		{NF 2 D}	inline_connector
CNPB3:19		{NF 2 D}	inline_connector
CNPB3:2		{AA 4 D}	inline_connector
CNPB3:20		{NF 2 D}	inline_connector
CNPB3:21		{NF 0 D}	inline_connector
CNPB3:22		{NF 0 D}	inline_connector
CNPB3:23		{NF 3 D}	inline_connector
CNPB3:24		{NF 3 D}	inline_connector
CNPB3:25		{ZC 5 B}	inline_connector
CNPB3:3	Externa main switch	{AA 5 C}	inline_connector
CNPB3:4		{NF 1 D}	inline_connector
CNPB3:5		{NF 1 D}	inline_connector
CNPB3:6		{NF 1 D}	inline_connector
CNPB3:7		{NF 1 C}	inline_connector
CNPB3:8		{NF 0 D}	inline_connector
CNPB3:9		{NF 1 D}	inline_connector
CNPB4:1		{NG 0 A}	inline_connector
CNPB4:10		{NG 0 A}	inline_connector
CNPB4:11		{NG 0 B}	inline_connector
CNPB4:12		{NG 0 B}	inline_connector
CNPB4:13		{NG 1 A}	inline_connector
CNPB4:14		{NG 1 B}	inline_connector
CNPB4:15		{NG 1 B}	inline_connector

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CNPB4:16		{NG 1 A}	inline_connector
CNPB4:17		{NG 1 B}	inline_connector
CNPB4:18		{NG 1 B}	inline_connector
CNPB4:19		{NF 0 A}	inline_connector
CNPB4:2		{NG 0 B}	inline_connector
CNPB4:20		{NF 0 A}	inline_connector
CNPB4:3		{NG 0 B}	inline_connector
CNPB4:4		{NG 0 A}	inline_connector
CNPB4:5		{NG 0 B}	inline_connector
CNPB4:6		{NG 0 B}	inline_connector
CNPB4:7		{NG 0 A}	inline_connector
CNPB4:8		{NG 0 B}	inline_connector
CNPB4:9		{NG 0 B}	inline_connector
DBUS_EXT_plug:1		{CL 2 B}	inline_connector
DBUS_EXT_plug:2		{CL 2 B}	inline_connector
DBUS_INT:1		{CL 3 C}	inline_connector
DBUS_INT:2		{CL 3 C}	inline_connector
DF:1		{NC 3 D}	inline_connector
DF:11		{NC 3 B}	inline_connector
DF:2		{NC 4 C}	inline_connector
DF:3		{NC 5 C}	inline_connector
DF:4		{XD 4 D}	inline_connector
DF:5		{XD 4 D}	inline_connector
DF:6		{NC 4 D}	inline_connector
ECS1:1		{FA 4 B}	inline_connector
ECS1:10		{FB 2 C}	inline_connector
ECS1:11		{FB 2 C}	inline_connector
ECS1:12		{FA 4 C}	inline_connector
ECS1:2		{FA 4 B}	inline_connector
ECS1:3		{FA 4 B}	inline_connector
ECS1:4		{FB 5 C}	inline_connector
ECS1:5		{FB 5 C}	inline_connector
ECS1:6		{FB 2 D}	inline_connector
ECS1:7		{FB 0 C}	inline_connector
		{FB 2 D}	
ECS1:8		{FB 5 C}	inline_connector
ECS1:9		{FB 5 C}	inline_connector
ECS2.A1:1		{FA 2 C}	inline_connector
ECS2.A1:10		{FB 1 C}	inline_connector
ECS2.A1:11		{FB 2 C}	inline_connector
ECS2.A1:12		{FA 4 D}	inline_connector
ECS2.A1:2		{FA 2 C}	inline_connector
ECS2.A1:3		{FA 2 C}	inline_connector
ECS2.A1:4		{FB 5 B}	inline_connector
ECS2.A1:5		{FB 4 B}	inline_connector
ECS2.A1:6		{FB 3 B}	inline_connector
ECS2.A1:7		{FB 3 B}	inline_connector
ECS2.A1:8		{FB 5 B}	inline_connector
ECS2.A1:9		{FB 5 B}	inline_connector
ECS2.A2:1		{FA 5 B}	inline_connector

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ECS2.A2:10		{FB 1 C}	inline_connector
ECS2.A2:11		{FB 2 C}	inline_connector
ECS2.A2:12		{FA 4 D}	inline_connector
ECS2.A2:2		{FA 4 B}	inline_connector
ECS2.A2:3		{FA 5 B}	inline_connector
ECS2.A2:4		{FB 4 B}	inline_connector
ECS2.A2:5		{FB 4 B}	inline_connector
ECS2.A2:6		{FB 1 C}	inline_connector
ECS2.A2:7		{FB 1 C}	inline_connector
ECS2.A2:8		{FB 5 B}	inline_connector
ECS2.A2:9		{FB 5 A}	inline_connector
ECS2.A3:1		{FA 5 C}	inline_connector
ECS2.A3:10		{FB 1 C}	inline_connector
ECS2.A3:11		{FB 2 C}	inline_connector
ECS2.A3:12		{FA 4 D}	inline_connector
ECS2.A3:2		{FA 4 C}	inline_connector
ECS2.A3:3		{FA 5 C}	inline_connector
ECS2.A3:4		{FB 4 A}	inline_connector
ECS2.A3:5		{FB 4 A}	inline_connector
ECS2.A3:6		{FB 1 C}	inline_connector
ECS2.A3:7		{FB 1 C}	inline_connector
ECS2.A3:8		{FB 5 A}	inline_connector
ECS2.A3:9		{FB 5 A}	inline_connector
ECS2:1		{FA 5 B}	inline_connector
ECS2:10		{FB 1 C} {FB 3 B}	inline_connector
ECS2:11		{FB 2 C} {FB 4 B}	inline_connector
ECS2:12		{FA 4 D}	inline_connector
ECS2:2		{FA 4 B}	inline_connector
ECS2:3		{FA 5 B}	inline_connector
ECS2:4		{FB 4 D}	inline_connector
ECS2:5		{FB 4 D}	inline_connector
ECS2:6		{FB 4 B} {FB 2 D}	inline_connector
ECS2:7		{FB 3 C} {FB 3 B}	inline_connector
ECS2:8		{FB 5 D}	inline_connector
ECS2:9		{FB 4 D}	inline_connector
ECS2B:1		{FA 5 C}	inline_connector
ECS2B:10		{FB 3 B}	inline_connector
ECS2B:11		{FB 4 B}	inline_connector
ECS2B:12		{FA 5 C}	inline_connector
ECS2B:2		{FA 4 C}	inline_connector
ECS2B:3		{FA 5 C}	inline_connector
ECS2B:4		{FB 4 C}	inline_connector
ECS2B:5		{FB 4 C}	inline_connector
ECS2B:6		{FB 4 B}	inline_connector
ECS2B:7		{FB 3 B}	inline_connector
ECS2B:8		{FB 5 C}	inline_connector
ECS2B:9		{FB 5 C}	inline_connector

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EGS_C:1		{DA 1 B}	inline_connector
EMS.A1:1		{BA 5 B}	inline_connector
EMS.A1:10		{ZC 4 B}	inline_connector
EMS.A1:11		{BB 1 C}	inline_connector
EMS.A1:12		{AC 3 C}	inline_connector
EMS.A1:2		{XC 1 B}	inline_connector
EMS.A1:3		{XC 1 B}	inline_connector
EMS.A1:6		{BA 2 D}	inline_connector
EMS.A1:7		{BA 2 D}	inline_connector
EMS.A1:8		{BA 4 A}	inline_connector
EMS.A1:9		{BA 3 C}	inline_connector
EMS.A2:1		{BA 4 B}	inline_connector
EMS.A2:10		{ZC 4 C}	inline_connector
EMS.A2:11		{BB 1 C}	inline_connector
EMS.A2:12		{AC 3 C}	inline_connector
EMS.A2:2		{XC 1 B}	inline_connector
EMS.A2:3		{XC 1 B}	inline_connector
EMS.A2:6		{BA 2 D}	inline_connector
EMS.A2:7		{BA 3 D}	inline_connector
EMS.A2:8		{FC 3 C}	inline_connector
EMS.A2:9		{BA 3 C}	inline_connector
EMS.A3:1		{BA 4 B}	inline_connector
EMS.A3:10		{ZC 4 C}	inline_connector
EMS.A3:11		{BB 1 D}	inline_connector
EMS.A3:12		{AC 3 B}	inline_connector
EMS.A3:2		{XC 2 B}	inline_connector
EMS.A3:3		{XC 2 B}	inline_connector
EMS.A3:4		{XD 2 B}	inline_connector
EMS.A3:5		{XD 2 B}	inline_connector
EMS.A3:6		{BA 1 D}	inline_connector
EMS.A3:7		{BA 3 D}	inline_connector
EMS.A3:9		{BA 3 B}	inline_connector
EMS:1		{BA 5 B}	inline_connector
EMS:10		{ZC 4 B}	inline_connector
EMS:11		{BB 1 C}	inline_connector
EMS:12		{AC 3 C}	inline_connector
EMS:2		{XC 1 B}	inline_connector
		{XC 1 C}	
EMS:3		{XC 1 B}	inline_connector
		{XC 1 B}	
EMS:4		{XD 5 C}	inline_connector
EMS:5		{XD 5 C}	inline_connector
EMS:6		{BA 2 D}	inline_connector
EMS:7		{BA 2 D}	inline_connector
EMS:8		{BA 4 A}	inline_connector
EMS:9		{BA 4 C}	inline_connector
EMSB:1		{CA 5 D}	inline_connector
EMSB:10		{CA 1 D}	inline_connector
EMSB:12		{CO 4 B}	inline_connector
EMSB:2		{XC 3 B}	inline_connector

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EMSB:3		{XC 3 B}	inline_connector
EMSB:4		{XD 5 B}	inline_connector
EMSB:5		{XD 5 B}	inline_connector
EMSB:6		{CA 0 D}	inline_connector
EMSB:7		{CA 4 D}	inline_connector
EMSB:9		{CA 4 D}	inline_connector
ENG1.A1:1		{AA 2 A}	inline_connector
ENG1.A1:10		{NA 0 B}	inline_connector
ENG1.A1:11		{NA 4 C}	inline_connector
ENG1.A1:12		{ZC 3 B}	inline_connector
ENG1.A1:2		{AA 0 B}	inline_connector
ENG1.A1:3		{BD 2 A}	inline_connector
ENG1.A1:4		{AA 1 B}	inline_connector
ENG1.A1:5		{BD 2 D}	inline_connector
ENG1.A1:6		{AG 4 C}	inline_connector
ENG1.A1:7		{AC 4 B}	inline_connector
ENG1.A1:8		{AC 4 B}	inline_connector
ENG1.A1:9		{AC 0 C}	inline_connector
ENG1.A2:1		{AA 1 A}	inline_connector
ENG1.A2:10		{NA 0 B}	inline_connector
ENG1.A2:11		{NA 4 D}	inline_connector
ENG1.A2:12		{ZC 3 B}	inline_connector
ENG1.A2:2		{AG 4 C}	inline_connector
ENG1.A2:3		{BD 2 A}	inline_connector
ENG1.A2:4		{AG 4 C}	inline_connector
ENG1.A2:5		{BD 2 D}	inline_connector
ENG1.A2:6		{AG 4 C}	inline_connector
ENG1.A2:7		{AC 4 A}	inline_connector
ENG1.A2:8		{AG 4 C}	inline_connector
ENG1.A2:9		{AC 0 B}	inline_connector
ENG1.A3:1		{AA 1 A}	inline_connector
ENG1.A3:11		{NA 4 D}	inline_connector
ENG1.A3:2		{AG 4 B}	inline_connector
ENG1.A3:3		{BD 1 A}	inline_connector
ENG1.A3:4		{AG 4 B}	inline_connector
ENG1.A3:5		{BD 1 D}	inline_connector
ENG1.A3:6		{AG 4 B}	inline_connector
ENG1.A3:7		{AC 4 A}	inline_connector
ENG1.A3:8		{AG 4 B}	inline_connector
ENG1.A3:9		{AC 0 B}	inline_connector
ENG1:1		{AA 2 B}	inline_connector
ENG1:10		{NA 1 B}	inline_connector
ENG1:11		{NA 0 D}	inline_connector
		{NA 5 C}	
ENG1:12		{ZC 3 B}	inline_connector
ENG1:2		{AA 1 B}	inline_connector
ENG1:3		{BD 3 A}	inline_connector
ENG1:4		{AA 1 B}	inline_connector
ENG1:5		{BD 3 D}	inline_connector
ENG1:6		{AG 4 D}	inline_connector

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ENG1:7		{AC 5 B}	inline_connector
ENG1:8		{AC 4 B}	inline_connector
ENG1:9		{AC 1 B}	inline_connector
ENG1B:1		{AA 1 B}	inline_connector
ENG1B:11		{NA 4 D}	inline_connector
ENG1B:2		{AG 4 B}	inline_connector
		{AG 3 B}	
ENG1B:3		{BD 1 B}	inline_connector
		{BD 5 B}	
ENG1B:4		{AG 4 B}	inline_connector
		{AG 3 B}	
ENG1B:5		{BD 1 C}	inline_connector
		{BD 5 D}	
ENG1B:6		{AG 4 B}	inline_connector
		{AG 3 C}	
ENG1B:7		{AE 4 C}	inline_connector
ENG1B:8		{AG 4 B}	inline_connector
		{AG 3 B}	
ENG1B:9		{AE 1 C}	inline_connector
EU4.A1:1		{CO 5 D}	inline_connector
EU4.A1:10		{CU 5 D}	inline_connector
EU4.A1:11		{CV 0 C}	inline_connector
EU4.A1:12		{CV 0 C}	inline_connector
EU4.A1:2		{CO 3 D}	inline_connector
EU4.A1:3		{NA 4 B}	inline_connector
EU4.A1:8		{BA 4 C}	inline_connector
EU4.A1:9		{AC 3 D}	inline_connector
EU4.A2:1		{CO 5 C}	inline_connector
EU4.A2:10		{CU 4 D}	inline_connector
EU4.A2:11		{CV 1 C}	inline_connector
EU4.A2:12		{CV 1 C}	inline_connector
EU4.A2:2		{CO 3 C}	inline_connector
EU4.A2:3		{NA 4 A}	inline_connector
EU4.A2:8		{BA 4 C}	inline_connector
EU4.A2:9		{AC 3 C}	inline_connector
EU4.A3:1		{CO 5 C}	inline_connector
EU4.A3:10		{CU 5 D}	inline_connector
EU4.A3:11		{CV 2 C}	inline_connector
EU4.A3:12		{CV 2 C}	inline_connector
EU4.A3:2		{CO 3 C}	inline_connector
EU4.A3:3		{NA 4 A}	inline_connector
EU4.A3:8		{BA 3 C}	inline_connector
EU4.A3:9		{AC 3 C}	inline_connector
EU4:1		{CO 4 D}	inline_connector
EU4:10		{CU 5 D}	inline_connector
EU4:11		{CV 2 D}	inline_connector
		{CV 2 D}	
		{CV 2 D}	
		{CV 1 C}	

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EU4:12		{CV 2 D} {CV 2 D} {CV 2 C} {CV 1 C}	inline_connector
EU4:2		{CO 4 D}	inline_connector
EU4:3		{NA 4 B}	inline_connector
EU4:4		{EO 1 B}	inline_connector
EU4:5		{EO 1 B}	inline_connector
EU4:6		{EO 1 B}	inline_connector
EU4:7		{EO 0 B}	inline_connector
EU4:8		{BA 4 C}	inline_connector
EU4:9		{AC 2 D}	inline_connector
EU4B:1		{CO 5 B}	inline_connector
EU4B:11		{CV 2 B}	inline_connector
EU4B:12		{CV 2 B}	inline_connector
EU4B:2		{CO 4 B}	inline_connector
EU4B:3		{NA 2 C}	inline_connector
EU4B:8		{CA 4 D}	inline_connector
EU4B:9		{CA 3 D}	inline_connector
FEED:1		{BA 5 D}	inline_connector
FEEDX:1		{GN 4 D}	inline_connector
FH1A:1		{DN 4 C}	inline_connector
FH1A:10		{NA 1 D}	inline_connector
FH1A:2		{DN 4 C}	inline_connector
FH1A:3		{DN 4 D}	inline_connector
FH1A:4		{EX 4 D}	inline_connector
FH1A:6		{IS 2 D}	inline_connector
FH1A:7		{FA 0 D}	inline_connector
FH1A:8		{EO 5 D}	inline_connector
FH1B:1		{BA 4 D}	inline_connector
FH1B:10		{NC 5 D}	inline_connector
FH1B:11		{BB 4 D}	inline_connector
FH1B:2		{BA 4 D}	inline_connector
FH1B:3		{BA 5 D}	inline_connector
FH1B:4		{AG 4 D}	inline_connector
FH1B:6		{BB 5 D}	inline_connector
FH1B:7		{BB 5 D}	inline_connector
FH1B:8		{CO 4 D}	inline_connector
FH2A:1		{GM 2 D}	inline_connector
FH2A:2		{DC 3 D}	inline_connector
FH2A:3		{NE 3 D}	inline_connector
FH2A:4		{EO 5 D}	inline_connector
FH2A:5		{AA 1 D}	inline_connector
FH2A:6		{NA 1 D}	inline_connector
FH2A:7		{AC 3 D}	inline_connector
FH2A:8		{AC 1 D}	inline_connector
FH2A:9		{AC 2 D}	inline_connector
FH2B:1		{BB 4 D}	inline_connector
FH2B:2		{AC 2 D}	inline_connector
FH2B:3		{NA 5 D}	inline_connector

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FH2B:4		{DM 4 D}	inline_connector
FH2B:5		{AA 1 D}	inline_connector
FH2B:6		{NB 4 D}	inline_connector
FH2B:7		{DA 4 D}	inline_connector
FH2B:8		{FA 0 D}	inline_connector
FH2B:9		{GM 4 D}	inline_connector
FH3A:1		{BA 2 D}	inline_connector
FH3A:10		{DM 4 D}	inline_connector
FH3A:12		{IU 4 D}	inline_connector
FH3A:2		{BA 2 D}	inline_connector
FH3A:3		{BA 4 D}	inline_connector
FH3A:4		{GA 3 D}	inline_connector
FH3A:5		{BB 0 D}	inline_connector
FH3A:7		{NA 5 D}	inline_connector
FH3A:8		{BB 3 D}	inline_connector
FH3B:1		{CL 2 C}	inline_connector
FH3B:11		{DD 1 D}	inline_connector
FH3B:12		{DD 2 D}	inline_connector
FH3B:2		{CL 1 C}	inline_connector
FH3B:3		{CL 1 C}	inline_connector
FH3B:4		{AA 4 D}	inline_connector
FH3B:5		{GA 2 D}	inline_connector
FH3B:7		{CG 3 D}	inline_connector
FH3B:9		{GA 3 D}	inline_connector
FH4A:10		{NB 4 D}	inline_connector
FH4A:12		{GA 5 D}	inline_connector
FH4A:2		{CU 5 D}	inline_connector
FH4A:3		{CU 5 D}	inline_connector
FH4A:5		{GA 3 D}	inline_connector
FH4A:7		{NA 1 D}	inline_connector
FH4A:8		{GA 4 D}	inline_connector
FH4B:1		{GC 5 C}	inline_connector
FH4B:12		{GA 5 D}	inline_connector
FH4B:2		{GC 4 C}	inline_connector
FH4B:3		{GC 3 D}	inline_connector
FH4B:4		{IU 4 D}	inline_connector
FH4B:5		{GA 4 D}	inline_connector
FH4B:7		{AA 5 D}	inline_connector
FH4B:8		{GA 4 D}	inline_connector
FL2:1		{ZC 5 D}	inline_connector
FL2:10		{GB 3 A}	inline_connector
FL2:11		{GB 5 C}	inline_connector
FL2:12		{ZC 4 D}	inline_connector
FL2:2		{ZC 4 D}	inline_connector
FL2:3		{ZC 4 D}	inline_connector
FL2:4		{GB 3 A}	inline_connector
FL2:5		{GB 2 B}	inline_connector
FL2:6		{ZC 4 D}	inline_connector
FL2:7		{GB 4 A}	inline_connector
FL2:8		{GB 4 A}	inline_connector

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FL2:9		{GB 3 A}	inline_connector
FL3:1		{ZC 5 D}	inline_connector
FL3:10		{GB 1 A}	inline_connector
FL3:11		{GB 5 C}	inline_connector
FL3:12		{ZC 5 D}	inline_connector
FL3:2		{ZC 4 D}	inline_connector
FL3:3		{ZC 5 D}	inline_connector
FL3:4		{GB 2 A}	inline_connector
FL3:5		{GB 2 B}	inline_connector
FL3:6		{ZC 5 D}	inline_connector
FL3:7		{GB 0 B}	inline_connector
FL3:8		{GB 1 A}	inline_connector
FL3:9		{GB 1 A}	inline_connector
FM:1		{ND 4 C}	inline_connector
FM:2		{ND 4 C}	inline_connector
FM:3		{ND 4 C}	inline_connector
FM:4		{ND 3 C}	inline_connector
FTM:1		{CG 3 D}	inline_connector
FTM:10		{ZC 0 B}	inline_connector
FTM:11		{CG 3 D}	inline_connector
FTM:12		{CL 1 C}	inline_connector
FTM:2		{XD 0 B}	inline_connector
FTM:3		{XD 0 B}	inline_connector
FTM:4		{BC 2 C}	inline_connector
FTM:5		{BC 2 C}	inline_connector
FTM:6		{BC 2 B}	inline_connector
FTM:7		{BC 2 B}	inline_connector
FTM:8		{CG 4 D}	inline_connector
FTM:9		{AA 2 D}	inline_connector
FTM_J:4		{BC 2 C}	inline_connector
FTM_J:5		{BC 2 C}	inline_connector
FTM_J:6		{BC 2 B}	inline_connector
FTM_J:7		{BC 2 B}	inline_connector
FUEL.A1:1		{NA 0 B}	inline_connector
FUEL.A1:2		{NA 0 B}	inline_connector
FUEL.A1:3		{NA 0 C}	inline_connector
FUEL.A1:5		{NA 1 D}	inline_connector
FUEL.A1:6		{NA 1 C}	inline_connector
FUEL:1		{NA 4 A}	inline_connector
FUEL:10		{FB 0 C}	inline_connector
FUEL:11		{FB 3 D}	inline_connector
FUEL:2		{NA 4 A}	inline_connector
FUEL:3		{NA 4 B}	inline_connector
FUEL:5		{NA 5 C}	inline_connector
FUEL:6		{NA 5 B}	inline_connector
FUEL:7		{FA 3 B}	inline_connector
FUEL:8		{FA 3 B}	inline_connector
FUEL:9		{FA 3 B}	inline_connector
FUEL_A:1		{NA 4 A}	inline_connector
FUEL_A:3		{NA 4 B}	inline_connector

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FUEL_A:5		{NA 5 C}	inline_connector
FUEL_A:6		{NA 5 B}	inline_connector
FUEL_B:1		{NA 0 C}	inline_connector
FUEL_B:10		{FB 0 C}	inline_connector
FUEL_B:11		{FB 3 D}	inline_connector
FUEL_B:2		{NA 0 C}	inline_connector
FUEL_B:3		{NA 0 D}	inline_connector
FUEL_B:5		{NA 5 C}	inline_connector
FUEL_B:6		{NA 5 B}	inline_connector
FUEL_B:7		{FA 3 B}	inline_connector
		{FA 3 B}	
FUEL_B:8		{FA 3 B}	inline_connector
FUEL_B:9		{FA 3 B}	inline_connector
GB1.A3:1		{DB 4 B}	inline_connector
GB1.A3:10		{XD 2 C}	inline_connector
GB1.A3:2		{DB 3 C}	inline_connector
GB1.A3:3		{DB 4 D}	inline_connector
GB1.A3:4		{DB 4 B}	inline_connector
GB1.A3:5		{DB 3 C}	inline_connector
GB1.A3:7		{XC 2 A}	inline_connector
GB1.A3:8		{XC 1 A}	inline_connector
GB1.A3:9		{XD 2 C}	inline_connector
GB1:1		{DB 4 B}	inline_connector
GB1:10		{XD 1 A}	inline_connector
GB1:2		{DB 3 C}	inline_connector
GB1:3		{DB 4 D}	inline_connector
GB1:4		{DB 4 B}	inline_connector
GB1:5		{DB 3 C}	inline_connector
GB1:7		{XC 1 A}	inline_connector
GB1:8		{XC 1 A}	inline_connector
GB1:9		{XD 1 A}	inline_connector
GBX.A1:1		{DM 1 A}	inline_connector
GBX.A1:10		{XD 2 C}	inline_connector
GBX.A1:11		{DD 0 C}	inline_connector
GBX.A1:12		{DD 0 C}	inline_connector
GBX.A1:13		{NA 3 C}	inline_connector
GBX.A1:2		{DN 3 C}	inline_connector
GBX.A1:3		{DC 3 C}	inline_connector
GBX.A1:4		{DD 2 C}	inline_connector
GBX.A1:5		{DM 5 C}	inline_connector
GBX.A1:6		{DM 4 C}	inline_connector
GBX.A1:9		{XD 2 C}	inline_connector
GBX.A2:1		{DM 1 B}	inline_connector
GBX.A2:10		{XD 2 B}	inline_connector
GBX.A2:11		{DD 0 C}	inline_connector
GBX.A2:12		{DD 0 C}	inline_connector
GBX.A2:13		{NA 4 D}	inline_connector
GBX.A2:2		{DN 3 C}	inline_connector
GBX.A2:3		{DC 3 C}	inline_connector
GBX.A2:4		{DB 3 D}	inline_connector

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GBX.A2:5		{DM 5 C}	inline_connector
GBX.A2:6		{DM 4 C}	inline_connector
GBX.A2:9		{XD 2 B}	inline_connector
GBX.A3:1		{DM 1 B}	inline_connector
GBX.A3:10		{XD 2 B}	inline_connector
GBX.A3:11		{DD 0 C}	inline_connector
GBX.A3:12		{DD 0 C}	inline_connector
GBX.A3:13		{NA 4 D}	inline_connector
GBX.A3:2		{DN 2 C}	inline_connector
GBX.A3:3		{DC 3 D}	inline_connector
GBX.A3:4		{DD 1 C}	inline_connector
GBX.A3:5		{DM 5 C}	inline_connector
GBX.A3:6		{DM 4 C}	inline_connector
GBX.A3:9		{XD 2 B}	inline_connector
GBX:1		{DM 1 A}	inline_connector
GBX:10		{XD 1 C}	inline_connector
GBX:11		{DD 0 C}	inline_connector
GBX:12		{DD 1 C}	inline_connector
GBX:13		{NA 4 D}	inline_connector
GBX:14		{CC 0 B}	inline_connector
GBX:15		{DD 2 C}	inline_connector
GBX:16		{DD 1 C}	inline_connector
GBX:17		{BA 2 B}	inline_connector
GBX:18		{BA 2 B}	inline_connector
GBX:2		{DN 3 C}	inline_connector
GBX:3		{DC 3 D}	inline_connector
GBX:4		{DD 1 C}	inline_connector
GBX:5		{DM 5 C}	inline_connector
GBX:6		{DM 4 C}	inline_connector
GBX:7		{XC 1 B}	inline_connector
GBX:8		{XC 1 B}	inline_connector
GBX:9		{XD 1 C}	inline_connector
GBX_D:1		{DM 0 A}	inline_connector
GBX_D:10		{XD 1 B}	inline_connector
GBX_D:11		{DD 0 C}	inline_connector
GBX_D:12		{DD 1 C}	inline_connector
GBX_D:3		{DC 3 C}	inline_connector
GBX_D:4		{DD 1 C}	inline_connector
GBX_D:7		{XC 1 B}	inline_connector
GBX_D:8		{XC 1 B}	inline_connector
GBX_D:9		{XD 1 B}	inline_connector
GBX_R:1		{DM 1 A}	inline_connector
GBX_R:10		{XD 1 B}	inline_connector
GBX_R:11		{DD 0 C}	inline_connector
GBX_R:12		{DD 1 C}	inline_connector
GBX_R:13		{NA 4 D}	inline_connector
GBX_R:14		{CC 0 B}	inline_connector
GBX_R:15		{DD 2 C}	inline_connector
GBX_R:16		{DD 1 C}	inline_connector
GBX_R:2		{DN 3 C}	inline_connector

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GBX_R:4		{DD 1 C}	inline_connector
GBX_R:5		{DM 5 C}	inline_connector
GBX_R:6		{DM 4 C}	inline_connector
GBX_R:9		{XD 1 B}	inline_connector
GND1UA:1		{CU 2 A}	inline_connector
GND1UB:1		{CU 2 A}	inline_connector
GS1.A1:3		{DB 2 D}	inline_connector
GS1.A1:4		{DB 2 D}	inline_connector
GS1.A1:5		{DB 1 D}	inline_connector
GS1.A2:3		{DB 2 C}	inline_connector
GS1.A2:4		{DB 2 C}	inline_connector
GS1.A2:5		{DB 1 C}	inline_connector
GS1.A3:3		{DB 2 C}	inline_connector
GS1.A3:4		{DB 2 C}	inline_connector
GS1.A3:5		{DB 1 C}	inline_connector
GS1:3		{DB 2 D}	inline_connector
GS1:4		{DB 1 D}	inline_connector
GS1:5		{DB 1 D}	inline_connector
IB1:1		{NA 1 D}	inline_connector
IB1:10		{NA 2 C}	inline_connector
IB1:11		{NA 2 C}	inline_connector
IB1:12		{NA 4 C}	inline_connector
IB1:13		{NA 4 C}	inline_connector
IB1:14		{XC 4 D}	inline_connector
IB1:15		{XC 4 D}	inline_connector
IB1:16		{XD 3 D}	inline_connector
IB1:17		{XD 3 D}	inline_connector
IB1:18		{NA 1 D}	inline_connector
IB1:2		{NA 2 B}	inline_connector
IB1:3		{NA 2 B}	inline_connector
IB1:4		{NA 2 B}	inline_connector
IB1:5		{NA 2 B}	inline_connector
IB1:6		{NA 2 B}	inline_connector
IB1:7		{NA 1 C}	inline_connector
IB1:8		{NA 3 C}	inline_connector
IB1:9		{NA 3 B}	inline_connector
IB10:1		{DN 5 D}	inline_connector
IB10:10		{DM 1 C}	inline_connector
IB10:11		{DD 0 C}	inline_connector
IB10:12		{DD 1 C}	inline_connector
IB10:2		{GA 1 C}	inline_connector
IB10:3		{BB 4 B}	inline_connector
IB10:4		{DA 3 C}	inline_connector
IB10:5		{DA 5 C}	inline_connector
IB10:6		{DA 4 C}	inline_connector
IB10:7		{DA 4 D}	inline_connector
IB10:8		{DN 4 C}	inline_connector
IB10:9		{ZC 1 B}	inline_connector
IB10_B:2		{GA 1 C}	inline_connector

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IB10_B:3		{BB 4 B}	inline_connector
IB10_B:9		{ZC 0 B}	inline_connector
IB10_E:10		{DM 1 C}	inline_connector
IB10_E:2		{DA 3 C}	inline_connector
IB10_E:3		{BB 4 B}	inline_connector
IB10_E:4		{DA 3 C}	inline_connector
IB10_E:5		{DA 5 C}	inline_connector
IB10_E:6		{DA 4 C}	inline_connector
IB10_E:7		{DA 4 D}	inline_connector
IB10_E:9		{ZC 0 B}	inline_connector
IB10_I:1		{DN 5 D}	inline_connector
IB10_I:10		{DM 1 C}	inline_connector
IB10_I:8		{DN 4 C}	inline_connector
IB10_I:9		{ZC 1 B}	inline_connector
IB10_VO:10		{DM 1 C}	inline_connector
IB10_VO:11		{DD 0 D}	inline_connector
IB10_VO:12		{DD 1 D}	inline_connector
IB10_VO:9		{ZC 1 B}	inline_connector
IB10_ZF:10		{DM 1 C}	inline_connector
IB10_ZF:9		{ZC 1 B}	inline_connector
IB10_ZF5:10		{DM 1 C}	inline_connector
IB10_ZF5:11		{DD 0 D}	inline_connector
IB10_ZF5:12		{DD 1 D}	inline_connector
IB10_ZF5:9		{ZC 1 B}	inline_connector
IB2:1		{NA 3 B}	inline_connector
IB2:10		{EX 4 C}	inline_connector
IB2:11		{IS 2 B}	inline_connector
IB2:12		{IS 1 B}	inline_connector
IB2:13		{EP 2 C}	inline_connector
IB2:14		{EP 2 C}	inline_connector
IB2:15		{EP 2 C}	inline_connector
IB2:16		{EP 2 C}	inline_connector
IB2:17		{AA 4 C}	inline_connector
IB2:18		{NC 5 D}	inline_connector
IB2:2		{NA 3 B}	inline_connector
IB2:3		{NA 3 B}	inline_connector
IB2:4		{NA 3 B}	inline_connector
IB2:5		{NA 4 C}	inline_connector
IB2:6		{NA 4 B}	inline_connector
IB2:7		{GC 3 D}	inline_connector
IB2:8		{ZC 5 B}	inline_connector
IB2:9		{GA 3 C}	inline_connector
IB3:1		{BA 1 C}	inline_connector
IB3:10		{BA 3 C}	inline_connector
IB3:11		{BA 3 C}	inline_connector
IB3:12		{BA 3 C}	inline_connector
IB3:13		{BA 1 C}	inline_connector
IB3:14		{IU 4 D}	inline_connector
IB3:15		{IU 4 D}	inline_connector
IB3:16		{IU 4 C}	inline_connector

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IB3:17		{AC 2 D}	inline_connector
IB3:18		{ZC 5 A}	inline_connector
IB3:2		{BA 1 C}	inline_connector
IB3:3		{BA 1 C}	inline_connector
IB3:4		{BA 1 C}	inline_connector
IB3:5		{BA 1 C}	inline_connector
IB3:6		{BA 1 B}	inline_connector
IB3:7		{BA 3 C}	inline_connector
IB3:8		{BA 3 C}	inline_connector
IB3:9		{BA 3 C}	inline_connector
IB4:1		{GB 3 C}	inline_connector
IB4:10		{GB 2 C}	inline_connector
IB4:11		{GB 2 C}	inline_connector
IB4:12		{GB 2 C}	inline_connector
IB4:13		{GB 1 C}	inline_connector
IB4:14		{GB 1 C}	inline_connector
IB4:15		{EP 0 D}	inline_connector
IB4:16		{EP 0 D}	inline_connector
IB4:17		{EP 1 C}	inline_connector
IB4:18		{EP 1 C}	inline_connector
IB4:2		{GB 3 C}	inline_connector
IB4:3		{GB 4 C}	inline_connector
IB4:4		{GB 4 C}	inline_connector
IB4:5		{GB 4 C}	inline_connector
IB4:6		{GA 3 B}	inline_connector
IB4:7		{GB 2 B}	inline_connector
IB4:8		{GB 4 C}	inline_connector
IB4:9		{GB 4 C}	inline_connector
IB5:1		{EX 4 C}	inline_connector
IB5:10		{NA 1 B}	inline_connector
IB5:11		{FA 3 C}	inline_connector
IB5:12		{FA 3 C}	inline_connector
IB5:13		{AA 3 D}	inline_connector
IB5:14		{FA 1 B}	inline_connector
IB5:15		{FA 1 B}	inline_connector
IB5:16		{FA 2 B}	inline_connector
IB5:17		{EO 3 B}	inline_connector
IB5:18		{NA 3 C}	inline_connector
IB5:2		{AA 3 D}	inline_connector
IB5:3		{BA 1 B}	inline_connector
IB5:4		{AA 3 B}	inline_connector
IB5:5		{AA 5 D}	inline_connector
IB5:6		{AA 4 B}	inline_connector
IB5:7		{AA 5 C}	inline_connector
IB5:8		{FA 4 C}	inline_connector
IB5:9		{FA 2 B}	inline_connector
IB6:1		{NB 4 D}	inline_connector
IB6:10		{NB 4 C}	inline_connector
IB6:11		{CP 2 D}	inline_connector
IB6:12		{NB 2 B}	inline_connector

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IB6:2		{XC 2 C}	inline_connector
IB6:3		{XC 2 C}	inline_connector
IB6:4		{NB 4 D}	inline_connector
IB6:5		{ZC 5 B}	inline_connector
IB6:6		{NB 3 D}	inline_connector
IB6:7		{NB 4 C}	inline_connector
IB6:8		{NB 4 C}	inline_connector
IB6:9		{NB 4 C}	inline_connector
IB7:1		{GM 4 D}	inline_connector
IB7:10		{ZC 4 B}	inline_connector
IB7:11		{NA 2 B}	inline_connector
IB7:12		{GM 0 C}	inline_connector
IB7:2		{GB 0 C}	inline_connector
IB7:3		{GB 0 C}	inline_connector
IB7:4		{GM 2 C}	inline_connector
IB7:5		{CV 0 C}	inline_connector
IB7:6		{CV 0 C}	inline_connector
IB7:7		{NA 2 C}	inline_connector
IB7:8		{GM 1 C}	inline_connector
IB7:9		{CO 4 D}	inline_connector
IB8:1		{EO 4 C}	inline_connector
IB8:10		{CL 2 B}	inline_connector
IB8:11		{CL 4 C}	inline_connector
IB8:12		{CL 4 C}	inline_connector
IB8:2		{EO 4 C}	inline_connector
IB8:3		{EO 4 C}	inline_connector
IB8:4		{EO 4 C}	inline_connector
IB8:5		{EO 4 C}	inline_connector
IB8:6		{DD 2 D}	inline_connector
IB8:7		{GB 1 C}	inline_connector
IB8:8		{CL 2 B}	inline_connector
IB8:9		{CL 3 B}	inline_connector
IB9:1		{BA 3 B}	inline_connector
IB9:10		{BA 2 C}	inline_connector
IB9:11		{BA 2 C}	inline_connector
IB9:12		{BA 2 C}	inline_connector
IB9:2		{BA 2 B}	inline_connector
IB9:3		{GE 4 D}	inline_connector
IB9:4		{ZC 5 B}	inline_connector
IB9:5		{GE 4 C}	inline_connector
IB9:6		{GA 0 B}	inline_connector
IB9:7		{BA 2 C}	inline_connector
IB9:8		{BA 3 C}	inline_connector
IB9:9		{BA 2 C}	inline_connector
IS:1		{XD 3 D}	inline_connector
IS:2		{XD 3 D}	inline_connector
IS:3		{XC 4 C}	inline_connector
IS:4		{XC 5 C}	inline_connector
KH1A:1		{FA 0 B}	inline_connector
KH1A:10		{CL 2 C}	inline_connector

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KH1A:11		{CL 2 C}	inline_connector
KH1A:2		{FA 0 B}	inline_connector
KH1A:3		{FA 0 B}	inline_connector
KH1A:4		{CL 2 C}	inline_connector
KH1A:5		{FA 0 B}	inline_connector
KH1A:7		{CL 2 C}	inline_connector
KH1B:1		{DN 4 D}	inline_connector
KH1B:10		{DA 4 C}	inline_connector
KH1B:11		{DA 4 D}	inline_connector
KH1B:12		{DA 5 C}	inline_connector
KH1B:14		{DA 5 D}	inline_connector
KH1B:15		{DA 5 C}	inline_connector
KH1B:2		{DN 4 D}	inline_connector
KH1B:3		{DN 4 D}	inline_connector
KH1B:4		{DA 4 D}	inline_connector
KH1B:5		{DN 4 D}	inline_connector
KH1B:7		{DA 4 C}	inline_connector
KH1B:8		{DA 5 D}	inline_connector
KH2A:1		{BA 3 A}	inline_connector
KH2A:10		{AC 5 C}	inline_connector
KH2A:11		{AC 4 C}	inline_connector
KH2A:12		{AC 5 C}	inline_connector
KH2A:3		{BA 5 C}	inline_connector
KH2A:4		{BA 3 B}	inline_connector
KH2A:5		{BA 5 C}	inline_connector
KH2A:6		{BA 5 C}	inline_connector
KH2A:7		{AC 5 C}	inline_connector
KH2A:8		{AC 4 C}	inline_connector
KH2A:9		{BA 5 C}	inline_connector
KH2B:1		{AA 2 B}	inline_connector
KH2B:2		{GM 2 C}	inline_connector
KH2B:3		{GM 2 C}	inline_connector
KH2B:4		{AA 2 B}	inline_connector
KH2B:5		{GM 2 C}	inline_connector
KH2B:6		{GM 2 C}	inline_connector
KH2B:9		{GM 2 C}	inline_connector
KH3A:1		{AA 4 D}	inline_connector
KH3A:10		{BB 3 D}	inline_connector
KH3A:11		{BB 3 C}	inline_connector
KH3A:12		{AA 2 C}	inline_connector
KH3A:14		{AA 2 C}	inline_connector
KH3A:3		{AA 4 C}	inline_connector
KH3A:4		{BB 3 C}	inline_connector
KH3A:5		{AA 4 D}	inline_connector
KH3A:6		{AA 4 C}	inline_connector
KH3A:7		{BB 3 D}	inline_connector
KH3A:8		{AA 2 C}	inline_connector
KH3A:9		{AA 2 C}	inline_connector
KH3B:1		{BB 0 D}	inline_connector
KH3B:10		{DM 5 C}	inline_connector

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KH3B:11		{DM 5 D}	inline_connector
KH3B:12		{DM 4 C}	inline_connector
KH3B:14		{DM 4 D}	inline_connector
KH3B:15		{DM 4 C}	inline_connector
KH3B:2		{BB 0 C}	inline_connector
KH3B:3		{BB 0 D}	inline_connector
KH3B:4		{DM 4 D}	inline_connector
KH3B:5		{BB 0 C}	inline_connector
KH3B:7		{DM 4 C}	inline_connector
KH3B:8		{DM 4 D}	inline_connector
KV:A		{DA 4 B}	inline_connector
KV:B		{DA 4 B}	inline_connector
KV:C		{DA 4 B}	inline_connector
KV:D		{DA 4 B}	inline_connector
KV:E		{DA 4 B}	inline_connector
KV:F		{DA 5 B}	inline_connector
KV:G		{DA 2 B}	inline_connector
KV:H		{DA 3 B}	inline_connector
KV:J		{DA 2 B}	inline_connector
KV:K		{DA 2 B}	inline_connector
KV:L		{DA 3 B}	inline_connector
KV:M		{DA 3 B}	inline_connector
KV:P		{DA 5 B}	inline_connector
KV:Q		{DA 2 B}	inline_connector
KV:R		{DA 1 B}	inline_connector
KV:S		{DA 1 B}	inline_connector
KV:T		{DA 3 B}	inline_connector
LA:1		{AF 2 C}	inline_connector
LA:2		{AF 2 C}	inline_connector
LA:4		{AF 0 D}	inline_connector
LA:5		{AF 2 A}	inline_connector
LA:6		{AF 1 C}	inline_connector
LT:1		{EO 1 C}	inline_connector
LT:10		{FA 3 C}	inline_connector
LT:11		{FA 3 C}	inline_connector
LT:12		{FB 0 B}	inline_connector
LT:13		{FB 0 B}	inline_connector
LT:14		{FB 0 B}	inline_connector
LT:15		{FB 3 C}	inline_connector
LT:16		{FB 3 C}	inline_connector
LT:17		{FB 3 B}	inline_connector
LT:18		{FO 1 B}	inline_connector
LT:19		{ZC 2 C}	inline_connector
LT:2		{EO 1 C}	inline_connector
LT:20		{LB 3 C}	inline_connector
LT:21		{FO 1 B}	inline_connector
LT:22		{FO 1 B}	inline_connector
LT:23		{FO 2 B}	inline_connector
LT:25		{FO 2 B}	inline_connector
LT:26		{FO 4 C}	inline_connector

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LT:27		{LB 3 C}	inline_connector
LT:28		{LB 3 C}	inline_connector
LT:29		{LB 3 C}	inline_connector
LT:3		{EO 1 C}	inline_connector
LT:30		{LB 3 D}	inline_connector
LT:31		{LB 2 D}	inline_connector
LT:4		{EO 0 C}	inline_connector
LT:5		{CL 3 B}	inline_connector
LT:6		{CL 3 B}	inline_connector
LT:7		{CL 3 B}	inline_connector
LT:8		{FA 3 C}	inline_connector
LT:9		{FA 3 C}	inline_connector
LT1:10		{FO 3 D}	inline_connector
LT1:11		{FO 2 B}	inline_connector
LT1:12		{FO 1 B}	inline_connector
LT1:2		{LB 2 D}	inline_connector
LT1:3		{LB 4 C}	inline_connector
LT1:4		{NA 5 A}	inline_connector
LT1:5		{NA 5 B}	inline_connector
LT1:6		{NA 2 A}	inline_connector
LT1:7		{NA 2 A}	inline_connector
LT1:8		{LB 3 C}	inline_connector
LT1:9		{GD 4 C}	inline_connector
LT2:1		{CL 4 D}	inline_connector
LT2:2		{CL 5 D}	inline_connector
M01:1		{GM 0 B}	inline_connector
M01:11		{GM 4 B}	inline_connector
M01:12		{GM 3 B}	inline_connector
M01:13		{GM 4 B}	inline_connector
M01:14		{GM 4 C}	inline_connector
M01:2		{GM 0 B}	inline_connector
M01:3		{GM 1 B}	inline_connector
M01:4		{GM 1 B}	inline_connector
M01:5		{GM 1 A}	inline_connector
M01:6		{GM 4 C}	inline_connector
M01:8		{GM 3 B}	inline_connector
M01:9		{GM 4 C}	inline_connector
ML1:1		{GB 4 A}	inline_connector
ML1:2		{ZC 4 D}	inline_connector
		{ZC 5 D}	
ML1:3		{GB 4 A}	inline_connector
		{GE 5 B}	
ML1:4		{ZC 4 D}	inline_connector
		{ZC 5 D}	
ML1:5		{GB 4 A}	inline_connector
		{GE 5 B}	
ML1:6		{ZC 4 D}	inline_connector
		{ZC 4 D}	
ML1:7		{GE 5 B}	inline_connector
ML2:1		{GB 0 B}	inline_connector

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ML2:2		{ZC 3 D} {ZC 4 D}	inline_connector
ML2:3		{GB 1 A} {GE 3 B}	inline_connector
ML2:4		{ZC 3 D} {ZC 4 D}	inline_connector
ML2:5		{GB 1 A} {GE 3 B}	inline_connector
ML2:6		{ZC 3 D} {ZC 4 D}	inline_connector
ML2:7		{GE 3 B}	inline_connector
ML3:1		{BB 2 C}	inline_connector
ML3:2		{BB 3 D}	inline_connector
ML3:3		{GC 4 B}	inline_connector
ML3:4		{GC 4 B}	inline_connector
ML3:5		{GC 4 B}	inline_connector
ML3:6		{GA 3 C}	inline_connector
ML3:7		{GC 4 B}	inline_connector
ML3A:1		{GD 3 B}	inline_connector
ML3A:3		{GD 2 B}	inline_connector
ML3A:4		{GD 2 B}	inline_connector
ML3A:5		{GD 1 B}	inline_connector
ML3A:7		{GD 2 B}	inline_connector
ML3B:1		{GD 4 C}	inline_connector
ML3B:2		{GD 3 C}	inline_connector
ML3B:3		{GD 1 C}	inline_connector
ML3B:4		{GD 1 C}	inline_connector
ML3B:5		{GD 1 C}	inline_connector
ML3B:6		{GD 5 C}	inline_connector
ML3B:7		{GD 1 B}	inline_connector
ML4:1		{BB 2 C}	inline_connector
ML4:2		{BB 3 D}	inline_connector
ML4:3		{GC 5 B}	inline_connector
ML4:4		{GC 5 B}	inline_connector
ML4:5		{GC 5 B}	inline_connector
ML4:6		{GA 3 C}	inline_connector
ML4:7		{GC 5 A}	inline_connector
ML4A:1		{GD 3 B}	inline_connector
ML4A:3		{GD 2 B}	inline_connector
ML4A:4		{GD 2 B}	inline_connector
ML4A:5		{GD 2 B}	inline_connector
ML4A:7		{GD 2 A}	inline_connector
ML4B:1		{GD 4 C}	inline_connector
ML4B:2		{GD 3 C}	inline_connector
ML4B:3		{GD 2 C}	inline_connector
ML4B:4		{GD 2 C}	inline_connector
ML4B:5		{GD 2 C}	inline_connector
ML4B:6		{GD 5 C}	inline_connector
ML4B:7		{GD 2 B}	inline_connector
ML5:1		{GC 1 A}	inline_connector
ML5:2		{GC 1 A}	inline_connector

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ML5:3		{GC 1 A}	inline_connector
ML5:4		{GC 1 A}	inline_connector
ML5:5		{GC 1 A}	inline_connector
ML5:6		{GC 0 A}	inline_connector
ML5:7		{GC 0 A}	inline_connector
ML6:1		{GC 1 B}	inline_connector
ML6:2		{GC 1 B}	inline_connector
ML6:3		{GC 1 B}	inline_connector
ML6:4		{GC 1 B}	inline_connector
ML6:5		{GC 1 B}	inline_connector
ML6:6		{GC 0 B}	inline_connector
ML6:7		{GC 0 B}	inline_connector
ML7:5		{GA 2 C}	inline_connector
ML7:6		{GA 2 C}	inline_connector
ML8:1		{GF 4 C}	inline_connector
ML8:3		{GF 2 B}	inline_connector
ML8:4		{GF 2 B}	inline_connector
ML8:5		{GF 1 B}	inline_connector
ML8:7		{GF 2 B}	inline_connector
ML9:1		{GF 4 C}	inline_connector
ML9:3		{GF 3 B}	inline_connector
ML9:4		{GF 2 B}	inline_connector
ML9:5		{GF 2 B}	inline_connector
ML9:7		{GF 3 B}	inline_connector
R905A:1		{CU 4 B}	inline_connector
R905A:2		{CU 4 B}	inline_connector
R905B:1		{CU 4 B}	inline_connector
R905B:2		{CU 4 B}	inline_connector
R905C:1		{CU 4 B}	inline_connector
R905C:2		{CU 4 B}	inline_connector
R906A:1		{CU 4 B}	inline_connector
R906A:2		{CU 4 B}	inline_connector
R906B:1		{CU 4 B}	inline_connector
R906B:2		{CU 3 B}	inline_connector
R906C:1		{CU 3 B}	inline_connector
R906C:2		{CU 4 B}	inline_connector
R908A:1		{CU 2 B}	inline_connector
R908A:2		{CU 2 B}	inline_connector
R908B:1		{CU 2 B}	inline_connector
R908B:2		{CU 2 B}	inline_connector
R908C:1		{CU 2 B}	inline_connector
R908C:2		{CU 2 B}	inline_connector
R910A:1		{CU 3 B}	inline_connector
R910A:2		{CU 3 B}	inline_connector
R910B:1		{CU 3 B}	inline_connector
R910B:2		{CU 3 B}	inline_connector
R910C:1		{CU 3 B}	inline_connector
R910C:2		{CU 3 B}	inline_connector
RA1.A1:1		{NB 4 B}	inline_connector
RA1.A1:10		{NA 5 C}	inline_connector

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RA1.A1:11		{AB 4 D}	inline_connector
RA1.A1:2		{NB 4 B}	inline_connector
RA1.A1:3		{NB 3 B}	inline_connector
RA1.A1:4		{NB 3 B}	inline_connector
RA1.A1:5		{NA 3 C}	inline_connector
RA1.A1:6		{AC 3 C}	inline_connector
RA1.A1:7		{AC 2 C}	inline_connector
RA1.A1:8		{AC 1 C}	inline_connector
RA1.A2:1		{NB 4 B}	inline_connector
RA1.A2:10		{NA 4 C}	inline_connector
RA1.A2:11		{AB 5 D}	inline_connector
RA1.A2:2		{NB 4 B}	inline_connector
RA1.A2:3		{NB 3 B}	inline_connector
RA1.A2:4		{NB 3 B}	inline_connector
RA1.A2:5		{NA 3 C}	inline_connector
RA1.A2:6		{AC 3 B}	inline_connector
RA1.A2:7		{AC 2 B}	inline_connector
RA1.A2:8		{AC 1 B}	inline_connector
RA1.A3:1		{NB 4 B}	inline_connector
RA1.A3:10		{NA 4 C}	inline_connector
RA1.A3:11		{AB 5 D}	inline_connector
RA1.A3:2		{NB 4 B}	inline_connector
RA1.A3:3		{NB 3 B}	inline_connector
RA1.A3:4		{NB 3 B}	inline_connector
RA1.A3:5		{NA 3 D}	inline_connector
RA1.A3:6		{AC 3 B}	inline_connector
RA1.A3:7		{AC 2 B}	inline_connector
RA1.A3:8		{AC 1 B}	inline_connector
RA1:1		{NB 5 B}	inline_connector
		{NB 4 B}	
RA1:10		{NA 0 C}	inline_connector
		{NA 4 C}	
RA1:11		{AB 4 D}	inline_connector
RA1:12		{EX 4 B}	inline_connector
RA1:2		{NB 5 B}	inline_connector
		{NB 4 B}	
RA1:3		{NB 5 B}	inline_connector
		{NB 4 B}	
RA1:4		{NB 5 B}	inline_connector
		{NB 3 B}	
RA1:5		{NA 3 C}	inline_connector
RA1:6		{AC 3 B}	inline_connector
RA1:7		{AC 2 B}	inline_connector
RA1:8		{AC 2 B}	inline_connector
RA1:9		{ND 3 C}	inline_connector
RA1B:1		{NB 5 B}	inline_connector
RA1B:10		{NA 4 C}	inline_connector
RA1B:11		{AE 3 B}	inline_connector
RA1B:2		{NB 5 B}	inline_connector
RA1B:3		{NB 5 B}	inline_connector
RA1B:4		{NB 5 B}	inline_connector

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Part Name	Description	Location	Part Type
RA1B:5		{NA 3 C}	inline_connector
RA1B:6		{AE 3 C}	inline_connector
RA1B:7		{AE 2 C}	inline_connector
RA1B:8		{AE 1 C}	inline_connector
REV:1		{DC 1 C}	inline_connector
		{DD 4 D}	
RL:1		{GB 5 C}	inline_connector
RL:3		{GB 5 B}	inline_connector
RL_DA:1		{GB 5 B}	inline_connector
RL_DB:1		{GB 5 C}	inline_connector
RL1:1		{GC 3 B}	inline_connector
RL1:10		{GA 2 A}	inline_connector
RL1:11		{GC 3 B}	inline_connector
RL1:12		{GC 3 B}	inline_connector
RL1:2		{GC 3 B}	inline_connector
RL1:3		{GC 1 B}	inline_connector
RL1:4		{GC 1 B}	inline_connector
RL1:5		{GC 2 B}	inline_connector
RL1:6		{GC 2 B}	inline_connector
RL1:7		{GA 1 B}	inline_connector
RL1:8		{GA 1 A}	inline_connector
RL1:9		{GA 2 B}	inline_connector
RL10:1		{GF 5 C}	inline_connector
RL10:10		{GF 0 B}	inline_connector
RL10:11		{GF 5 C}	inline_connector
RL10:12		{GF 5 B}	inline_connector
RL10:2		{GF 5 B}	inline_connector
RL10:3		{GF 3 C}	inline_connector
RL10:4		{GF 3 B}	inline_connector
RL10:5		{GF 4 C}	inline_connector
RL10:6		{GF 4 B}	inline_connector
RL10:7		{GF 4 C}	inline_connector
RL10:8		{GF 4 B}	inline_connector
RL10:9		{GF 0 C}	inline_connector
RL2:1		{GA 3 B}	inline_connector
RL2:10		{GA 2 A}	inline_connector
RL2:11		{GA 3 B}	inline_connector
RL2:12		{GA 3 A}	inline_connector
RL2:2		{GA 3 A}	inline_connector
RL2:3		{GA 5 B}	inline_connector
RL2:4		{GA 5 A}	inline_connector
RL2:5		{GA 3 B}	inline_connector
RL2:6		{GA 3 A}	inline_connector
RL2:7		{GA 1 B}	inline_connector
RL2:8		{GA 1 A}	inline_connector
RL2:9		{GA 2 B}	inline_connector
RL3:1		{GC 5 B}	inline_connector
RL3:10		{GA 2 B}	inline_connector
		{GE 2 B}	
RL3:11		{GA 3 C}	inline_connector

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Part Name	Description	Location	Part Type
RL3:12		{ZC 3 D} {ZC 1 D}	inline_connector
RL3:2		{GC 4 B}	inline_connector
RL3:3		{GA 4 A}	inline_connector
RL3:4		{GC 2 B}	inline_connector
RL3:5		{GA 3 C}	inline_connector
RL3:6		{GA 1 B} {GE 1 C}	inline_connector
RL3:7		{GC 3 B} {GE 0 C}	inline_connector
RL3:8		{BC 3 A}	inline_connector
RL3:9		{GC 0 A}	inline_connector
RL4:1		{GA 4 A}	inline_connector
RL4:2		{GC 2 B}	inline_connector
RL4:3		{GC 4 B}	inline_connector
RL4:4		{GC 3 B}	inline_connector
RL4:5		{GA 3 B}	inline_connector
RL4:6		{GC 0 B}	inline_connector
RL4:7		{GA 2 B}	inline_connector
RL5:1		{GD 1 B} {GF 1 C}	inline_connector
RL5:10		{GD 0 B} {GF 0 B}	inline_connector
RL5:11		{GD 1 B} {GF 1 C}	inline_connector
RL5:12		{GD 1 B} {GF 1 B}	inline_connector
RL5:2		{GD 1 B} {GF 1 B}	inline_connector
RL5:3		{GD 3 B} {GF 3 C}	inline_connector
RL5:4		{GD 3 B} {GF 3 B}	inline_connector
RL5:5		{GD 4 B} {GF 4 C}	inline_connector
RL5:6		{GD 4 B} {GF 4 B}	inline_connector
RL5:7		{GD 4 B} {GF 4 C}	inline_connector
RL5:8		{GD 4 B} {GF 4 B}	inline_connector
RL5:9		{GD 0 B} {GF 0 C}	inline_connector
RL6:1		{GD 2 B}	inline_connector
RL6:10		{GD 0 B} {GF 0 C}	inline_connector
RL6:11		{LA 1 C}	inline_connector
RL6:12		{GD 5 B} {GF 5 B}	inline_connector
RL6:2		{GD 1 B}	inline_connector
RL6:3		{GD 3 B} {GF 3 C}	inline_connector
RL6:4		{GD 3 B} {GF 3 C}	inline_connector

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RL6:5		{GF 2 C}	inline_connector
RL6:6		{GD 4 B} {GF 4 C}	inline_connector
RL6:7		{GD 5 B} {GF 5 C}	inline_connector
RL6:8		{GF 2 C}	inline_connector
RL6:9		{GF 2 A}	inline_connector
RL7:1		{GD 5 B} {GF 5 C}	inline_connector
RL7:10		{GD 1 B} {GF 0 B}	inline_connector
RL7:11		{GD 4 B} {GF 5 C}	inline_connector
RL7:12		{GD 4 B} {GF 5 B}	inline_connector
RL7:2		{GD 5 B} {GF 5 B}	inline_connector
RL7:3		{GD 3 B} {GF 3 C}	inline_connector
RL7:4		{GD 3 B} {GF 3 B}	inline_connector
RL7:5		{GD 3 B} {GF 4 C}	inline_connector
RL7:6		{GD 3 B} {GF 4 B}	inline_connector
RL7:7		{GD 4 B} {GF 4 C}	inline_connector
RL7:8		{GD 4 B} {GF 4 B}	inline_connector
RL7:9		{GD 1 B} {GF 0 C}	inline_connector
RL8:1		{GF 1 C}	inline_connector
RL8:10		{GF 0 B}	inline_connector
RL8:11		{GF 1 C}	inline_connector
RL8:12		{GF 1 B}	inline_connector
RL8:2		{GF 1 B}	inline_connector
RL8:3		{GF 3 C}	inline_connector
RL8:4		{GF 3 B}	inline_connector
RL8:5		{GF 4 C}	inline_connector
RL8:6		{GF 4 B}	inline_connector
RL8:7		{GF 4 C}	inline_connector
RL8:8		{GF 4 B}	inline_connector
RL8:9		{GF 0 C}	inline_connector
RL9:1		{GF 2 B}	inline_connector
RL9:10		{GF 0 C}	inline_connector
RL9:12		{GF 5 B}	inline_connector
RL9:2		{GF 1 B}	inline_connector
RL9:3		{GF 3 C}	inline_connector
RL9:4		{GF 3 C}	inline_connector
RL9:6		{GF 4 C}	inline_connector
RL9:7		{GF 5 C}	inline_connector
S_T_S:1		{NB 3 B}	inline_connector
S_T_S:2		{NB 3 B}	inline_connector

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Part Name	Description	Location	Part Type
S_T_S:3		{NB 3 B}	inline_connector
S_T_T:3		{NB 3 B}	inline_connector
S901_U1:1		{AG 2 B}	inline_connector
S901_U1:2		{AG 2 B}	inline_connector
S908:1		{AG 1 B}	inline_connector
S908:3		{AG 0 B}	inline_connector
SP_F:1		{CL 1 D}	inline_connector
SP_F:2		{CL 0 D}	inline_connector
SP_F:3		{CL 0 D}	inline_connector
SP_F:4		{CL 0 D}	inline_connector
SP_RR:1		{CL 1 C}	inline_connector
SP_RR:2		{CL 0 C}	inline_connector
SP_RR:3		{CL 0 C}	inline_connector
SP_RR:4		{CL 0 C}	inline_connector
TOW:1		{GA 0 C}	inline_connector
TOW:2		{GA 0 C}	inline_connector
TOW:3		{GA 1 C}	inline_connector
TOW:4		{GA 1 C}	inline_connector
TOW:5		{GA 1 C}	inline_connector
TOW:6		{GA 1 C}	inline_connector
TOW:7		{GA 1 C}	inline_connector
TRAIL:1		{EP 3 C}	inline_connector
TRAIL:10		{FB 1 B}	inline_connector
TRAIL:11		{FB 1 B}	inline_connector
TRAIL:12		{FB 1 B}	inline_connector
TRAIL:13		{FB 1 B}	inline_connector
TRAIL:14		{FB 4 B}	inline_connector
TRAIL:15		{FB 4 C}	inline_connector
TRAIL:16		{BC 5 C}	inline_connector
TRAIL:17		{BC 4 C}	inline_connector
TRAIL:18		{BC 5 C}	inline_connector
TRAIL:19		{GD 5 C}	inline_connector
TRAIL:2		{EP 3 C}	inline_connector
TRAIL:20		{GD 4 C}	inline_connector
TRAIL:21		{GD 4 C}	inline_connector
TRAIL:22		{GD 3 C}	inline_connector
TRAIL:23		{GD 3 C}	inline_connector
TRAIL:24		{GD 3 C}	inline_connector
TRAIL:25		{GD 3 C}	inline_connector
TRAIL:26		{GD 3 C}	inline_connector
TRAIL:27		{GD 2 C}	inline_connector
TRAIL:28		{GD 2 C}	inline_connector
TRAIL:29		{GD 1 C}	inline_connector
TRAIL:3		{EP 3 C}	inline_connector
TRAIL:30		{GD 0 C}	inline_connector
TRAIL:31		{FA 2 D}	inline_connector
TRAIL:4		{EP 2 C}	inline_connector
TRAIL:5		{FB 3 C}	inline_connector
TRAIL:6		{FB 4 C}	inline_connector
TRAIL:7		{FA 1 C}	inline_connector

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Part Name	Description	Location	Part Type
TRAIL:8		{FA 2 C}	inline_connector
TRAIL:9		{FA 2 C}	inline_connector
TRAIL1:1		{FO 3 D}	inline_connector
TRAIL1:10		{FO 3 B}	inline_connector
TRAIL1:11		{FO 3 D}	inline_connector
TRAIL1:12		{FO 1 C}	inline_connector
TRAIL1:13		{FO 1 C}	inline_connector
TRAIL1:14		{BC 3 B}	inline_connector
TRAIL1:15		{BC 4 B}	inline_connector
TRAIL1:16		{LA 3 C}	inline_connector
TRAIL1:17		{LA 3 D}	inline_connector
TRAIL1:18		{LA 3 D}	inline_connector
TRAIL1:2		{FO 4 C}	inline_connector
TRAIL1:20		{LA 3 D}	inline_connector
TRAIL1:21		{LA 2 D}	inline_connector
TRAIL1:22		{LB 4 D}	inline_connector
TRAIL1:23		{LA 1 C}	inline_connector
TRAIL1:25		{LA 3 C}	inline_connector
TRAIL1:28		{BC 4 B}	inline_connector
TRAIL1:29		{BC 4 B}	inline_connector
TRAIL1:3		{FO 4 B}	inline_connector
TRAIL1:4		{LB 3 C}	inline_connector
TRAIL1:5		{LB 3 C}	inline_connector
TRAIL1:6		{LB 3 D}	inline_connector
TRAIL1:7		{LB 3 D}	inline_connector
TRAIL1:8		{LB 3 C}	inline_connector
TRAIL1:9		{FO 3 B}	inline_connector
TRAIL2:1		{EO 1 B}	inline_connector
TRAIL2:10		{FA 3 B}	inline_connector
TRAIL2:11		{FB 0 C}	inline_connector
TRAIL2:12		{FB 3 C}	inline_connector
TRAIL2:2		{EO 1 B}	inline_connector
TRAIL2:3		{EO 1 B}	inline_connector
TRAIL2:4		{EO 0 B}	inline_connector
TRAIL2:5		{CL 3 B}	inline_connector
TRAIL2:6		{CL 3 B}	inline_connector
TRAIL2:7		{CL 3 B}	inline_connector
TRAIL2:8		{FA 3 B}	inline_connector
TRAIL2:9		{FA 3 B}	inline_connector
TRAIL3:1		{BC 4 B}	inline_connector
TRAIL3:2		{BC 4 A}	inline_connector
TRAIL3:3		{BC 3 B}	inline_connector
TRAIL3:4		{BC 3 A}	inline_connector
UDS:1		{CV 4 C}	inline_connector
UDS:2		{CV 4 C}	inline_connector
UDS:5		{CU 1 D}	inline_connector
UDS:6		{CU 1 D}	inline_connector
UDS_B:1		{CV 3 C}	inline_connector
UDS_B:2		{CV 3 C}	inline_connector
UDS_B:3		{XE 5 C}	inline_connector

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UDS_B:4		{XE 5 C}	inline_connector
UDS_F:1		{CV 3 C}	inline_connector
UDS_F:2		{CV 2 C}	inline_connector
UDS_F:3		{XE 4 C}	inline_connector
UDS_F:4		{XE 4 C}	inline_connector
UDS_M:1		{CV 3 C}	inline_connector
UDS_M:2		{CV 3 C}	inline_connector
UDS_M:3		{XE 4 C}	inline_connector
UDS_M:4		{XE 4 C}	inline_connector
UDS_TL:1		{CV 3 B}	inline_connector
UDS_TL:2		{CV 3 B}	inline_connector
UDS_TLA:1		{CV 3 B}	inline_connector
UDS_TLA:2		{CV 3 B}	inline_connector
UDS12:1		{CV 4 C}	inline_connector
UDS12:11		{CU 5 C}	inline_connector
UDS12:12		{CU 0 B}	inline_connector
UDS12:2		{CV 4 C}	inline_connector
UDS12:3		{CU 4 C}	inline_connector
UDS12:4		{CU 3 C}	inline_connector
UDS12:5		{XE 3 C}	inline_connector
UDS12:6		{XE 3 C}	inline_connector
UDS12:7		{CU 4 C}	inline_connector
UDS12:8		{CU 2 C}	inline_connector
UDS12:9		{CU 2 C}	inline_connector
UDS12_B:1		{CV 4 D} {CV 4 C}	inline_connector
UDS12_B:11		{CU 5 D}	inline_connector
UDS12_B:12		{CU 1 B}	inline_connector
UDS12_B:2		{CV 4 D} {CV 4 C}	inline_connector
UDS12_B:3		{CU 3 D}	inline_connector
UDS12_B:4		{CU 3 D}	inline_connector
UDS12_B:5		{XE 3 C}	inline_connector
UDS12_B:6		{XE 3 C}	inline_connector
UDS12_B:7		{CU 4 C}	inline_connector
UDS12_B:8		{CU 2 C}	inline_connector
UDS12_B:9		{CU 2 C}	inline_connector
UDS12_F:1		{CV 2 D} {CV 2 C}	inline_connector
UDS12_F:11		{CU 5 D}	inline_connector
UDS12_F:12		{CU 0 B}	inline_connector
UDS12_F:2		{CV 2 D} {CV 2 C}	inline_connector
UDS12_F:3		{CU 4 D}	inline_connector
UDS12_F:4		{CU 3 D}	inline_connector
UDS12_F:5		{XE 3 C}	inline_connector
UDS12_F:6		{XE 3 C}	inline_connector
UDS12_F:7		{CU 4 C}	inline_connector
UDS12_F:8		{CU 2 C}	inline_connector
UDS12_F:9		{CU 1 C}	inline_connector

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UDS12_M:1		{CV 3 D} {CV 3 C}	inline_connector
UDS12_M:11		{CU 5 D}	inline_connector
UDS12_M:12		{CU 0 B}	inline_connector
UDS12_M:2		{CV 3 D} {CV 3 C}	inline_connector
UDS12_M:3		{CU 4 D}	inline_connector
UDS12_M:4		{CU 3 D}	inline_connector
UDS12_M:5		{XE 3 C}	inline_connector
UDS12_M:6		{XE 3 C}	inline_connector
UDS12_M:7		{CU 4 C}	inline_connector
UDS12_M:8		{CU 2 C}	inline_connector
UDS12_M:9		{CU 2 C}	inline_connector
VIC_MD7:1		{XC 4 A}	inline_connector
VIC_MD7:10		{AD 1 D}	inline_connector
VIC_MD7:12		{AD 4 B}	inline_connector
VIC_MD7:13		{CN 4 C}	inline_connector
VIC_MD7:14		{BD 5 C}	inline_connector
VIC_MD7:15		{CN 4 C}	inline_connector
VIC_MD7:16		{BD 5 B}	inline_connector
VIC_MD7:17		{AD 2 C}	inline_connector
VIC_MD7:18		{CN 4 C}	inline_connector
VIC_MD7:2		{XD 3 B}	inline_connector
VIC_MD7:20		{CN 4 C}	inline_connector
VIC_MD7:21		{CN 0 C}	inline_connector
VIC_MD7:22		{CN 0 C}	inline_connector
VIC_MD7:24		{CN 2 C}	inline_connector
VIC_MD7:26		{CN 0 C}	inline_connector
VIC_MD7:28		{CN 3 C}	inline_connector
VIC_MD7:3		{CN 5 C}	inline_connector
VIC_MD7:30		{CN 3 C}	inline_connector
VIC_MD7:31		{CN 2 C}	inline_connector
VIC_MD7:32		{CN 3 C}	inline_connector
VIC_MD7:33		{CN 4 C}	inline_connector
VIC_MD7:34		{CN 1 C}	inline_connector
VIC_MD7:35		{AD 5 C}	inline_connector
VIC_MD7:36		{CN 1 C}	inline_connector
VIC_MD7:37		{CN 1 D}	inline_connector
VIC_MD7:39		{CN 2 C}	inline_connector
VIC_MD7:4		{XC 5 A}	inline_connector
VIC_MD7:5		{XD 3 B}	inline_connector
VIC_MD7:6		{CN 5 C}	inline_connector
VIC_MD7:7		{CN 2 D}	inline_connector
VIC_MD7:8		{CN 5 C}	inline_connector
VIC_MD7:9		{AD 3 C}	inline_connector
VIC_MD9:1		{XC 3 B}	inline_connector
VIC_MD9:10		{AE 1 B}	inline_connector
VIC_MD9:11		{AE 3 C}	inline_connector
VIC_MD9:12		{AE 3 B}	inline_connector
VIC_MD9:13		{CA 4 C}	inline_connector

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VIC_MD9:14		{BD 1 C} {BD 3 C} {BD 2 D} {BD 5 C}	inline_connector
VIC_MD9:15		{CA 4 C}	inline_connector
VIC_MD9:16		{BD 1 B} {BD 3 C} {BD 2 B} {BD 5 B}	inline_connector
VIC_MD9:17		{AE 2 C}	inline_connector
VIC_MD9:18		{CA 3 D}	inline_connector
VIC_MD9:2		{XD 5 B}	inline_connector
VIC_MD9:21		{CA 0 D}	inline_connector
VIC_MD9:22		{CG 1 D} {CA 0 B}	inline_connector
VIC_MD9:23		{CG 1 D}	inline_connector
VIC_MD9:24		{CG 1 D} {CA 2 C}	inline_connector
VIC_MD9:25		{CG 1 D}	inline_connector
VIC_MD9:26		{CG 0 D} {CA 2 A}	inline_connector
VIC_MD9:28		{CA 2 C}	inline_connector
VIC_MD9:3		{CA 5 C}	inline_connector
VIC_MD9:30		{CA 2 C}	inline_connector
VIC_MD9:31		{CA 1 C}	inline_connector
VIC_MD9:33		{CA 4 D}	inline_connector
VIC_MD9:34		{CB 4 A} {CA 2 C}	inline_connector
VIC_MD9:35		{AE 4 B} {AH 5 C}	inline_connector
VIC_MD9:37		{CA 3 C}	inline_connector
VIC_MD9:38		{CB 4 B}	inline_connector
VIC_MD9:39		{CA 1 C}	inline_connector
VIC_MD9:4		{XC 3 B}	inline_connector
VIC_MD9:5		{XD 5 B}	inline_connector
VIC_MD9:6		{CA 5 C}	inline_connector
VIC_MD9:7		{CA 1 C}	inline_connector
VIC_MD9:8		{CA 5 C}	inline_connector
VIC_MD9:9		{AE 3 C}	inline_connector
VIC2:1		{CA 3 B}	inline_connector
VIC2:2		{CA 3 B}	inline_connector
VIC2:3		{CA 3 B}	inline_connector
VIC2:4		{CA 3 B}	inline_connector
VIC2:6		{CA 1 B}	inline_connector
VIC2:7		{CA 1 B}	inline_connector
X25:1		{DB 3 C}	inline_connector
X25:2		{XD 1 A}	inline_connector
X25:3		{DB 4 B}	inline_connector
X25:4		{XD 2 A}	inline_connector
X25:6		{DB 1 C}	inline_connector
X25:7		{DB 2 C}	inline_connector
X25:8		{DB 4 C}	inline_connector

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Part Name	Description	Location	Part Type
X25:9		{DB 4 C}	inline_connector
XC906:1		{AB 5 C}	inline_connector
XC906:2		{AB 5 C}	inline_connector
XC906:3		{AB 5 C}	inline_connector
XC906:4		{AB 5 C}	inline_connector
XC906:5		{AB 4 C}	inline_connector
XC906:6		{AB 4 C}	inline_connector
XC908:1		{BA 1 B}	inline_connector
XC908:2		{BA 2 B}	inline_connector
XC908:3		{BA 1 B}	inline_connector
XC908:4		{BA 4 B}	inline_connector
XC914A:1		{CA 2 D}	inline_connector
XC914A:2		{CA 2 C}	inline_connector
XC914A:3		{CA 1 B}	inline_connector
XC914A:4		{CA 1 B}	inline_connector
XC914A:5		{NA 0 C}	inline_connector
XC914A:7		{NA 0 D}	inline_connector
XC914A:8		{NA 0 C}	inline_connector
XC914A:9		{NA 0 D}	inline_connector
XC915:1		{NA 5 A}	inline_connector
XC915:3		{NA 5 B}	inline_connector
XC915:5		{NA 5 C}	inline_connector
XC915:6		{NA 5 B}	inline_connector
XC916:1		{AH 3 C}	inline_connector
XC916:2		{AH 2 C}	inline_connector
XC916:4		{AH 1 C}	inline_connector
XC916:5		{AH 4 B}	inline_connector
XC916:6		{AH 1 C}	inline_connector
XC917:1		{CL 3 B}	inline_connector
XC917:2		{CL 4 B}	inline_connector
XC917:3		{CL 4 B}	inline_connector
XC917:4		{CL 3 B}	inline_connector
XC920:1		{FC 2 C}	inline_connector
XC920:2		{FC 2 D}	inline_connector
XC921:1		{CL 3 B}	inline_connector
XC921:2		{CL 3 B}	inline_connector
XC921:3		{CL 3 B}	inline_connector
XC922:1		{GB 2 C}	inline_connector
XC922:3		{GB 1 C}	inline_connector
XC925:1		{NE 3 B}	inline_connector
XC925:2		{NE 3 B}	inline_connector
XC926:1		{BB 3 B}	inline_connector
XC926:2		{BB 3 B}	inline_connector
XC926:3		{BB 3 B}	inline_connector
XC926:4		{BB 3 B}	inline_connector
XC927_1/2:1		{GE 5 C}	inline_connector
XC927_1/2:2		{GE 3 C}	inline_connector
XC927_1:1		{GE 5 D}	inline_connector
XC927_1:2		{GE 3 D}	inline_connector
XC927_2:1		{GE 5 D}	inline_connector

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Part Name	Description	Location	Part Type
XC927_2:2		{GE 3 D}	inline_connector
XC928:1		{NA 2 D}	inline_connector
XC928:2		{NA 2 C}	inline_connector
XC930:1		{CG 1 C}	inline_connector
XC930:2		{CG 1 C}	inline_connector
XC930:3		{CG 1 C}	inline_connector
XC930:4		{CG 1 C}	inline_connector
XC930:5		{CG 0 C}	inline_connector
XC931:1		{LB 3 D}	inline_connector
XC931:2		{LB 3 D}	inline_connector
XC931:3		{LB 3 D}	inline_connector
XC931:4		{LB 3 D}	inline_connector
XC931:5		{LB 3 D}	inline_connector
XC931:6		{LB 4 D}	inline_connector
XC932A:1		{CL 4 C}	inline_connector
XC932A:2		{CL 5 C}	inline_connector
XC932B:1		{CL 4 C}	inline_connector
XC932B:2		{CL 5 C}	inline_connector
XC935:1		{NF 1 C}	inline_connector
XC935:10		{NF 0 A}	inline_connector
XC935:12		{NF 0 A}	inline_connector
XC935:2		{NF 1 C}	inline_connector
XC935:3		{NF 1 C}	inline_connector
XC935:4		{NF 3 A}	inline_connector
XC935:5		{NF 2 A}	inline_connector
XC935:7		{NF 0 C}	inline_connector
XC935:8		{NF 1 C}	inline_connector
XC936:1		{NG 0 A}	inline_connector
XC936:10		{NG 0 A}	inline_connector
XC936:11		{NG 0 B}	inline_connector
XC936:12		{NG 0 B}	inline_connector
XC936:13		{NG 1 A}	inline_connector
XC936:14		{NG 1 B}	inline_connector
XC936:15		{NG 1 B}	inline_connector
XC936:16		{NG 1 A}	inline_connector
XC936:17		{NG 1 B}	inline_connector
XC936:18		{NG 1 B}	inline_connector
XC936:2		{NG 0 B}	inline_connector
XC936:3		{NG 0 B}	inline_connector
XC936:4		{NG 0 A}	inline_connector
XC936:5		{NG 0 B}	inline_connector
XC936:6		{NG 0 B}	inline_connector
XC936:7		{NG 0 A}	inline_connector
XC936:8		{NG 0 B}	inline_connector
XC936:9		{NG 0 B}	inline_connector
XC941:1		{NC 0 D}	inline_connector
XC941:3		{NC 0 D}	inline_connector
XJB:1		{BC 4 B}	inline_connector
XJB:2		{BC 4 A}	inline_connector
XJB:3		{BC 4 B}	inline_connector

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XJB:4		{BC 4 A}	inline_connector
XJK:1		{BC 4 C}	inline_connector
XJK:2		{BC 5 A}	inline_connector
XJK:3		{BC 3 C}	inline_connector
XJK:4		{BC 3 A}	inline_connector
XK2:5		{GA 2 C}	inline_connector
XK2:6		{GA 2 C}	inline_connector
Y17:1		{DM 3 A}	inline_connector
Y17:2		{DM 3 A}	inline_connector
Y17:3		{DM 3 C}	inline_connector
Y17:4		{DM 3 C}	inline_connector
Y17:5		{DM 3 C}	inline_connector
Y17:6		{DM 3 C}	inline_connector
Y17:7		{DM 3 C}	inline_connector
Y901_A:1		{NB 1 D}	inline_connector
Y901_A:2		{NB 1 D}	inline_connector
Y901_B:1		{NB 1 D}	inline_connector
Y901_B:2		{NB 1 D}	inline_connector
earth18_82	Ground conn., steering column	{IS 1 A}	global_terminal_connector
Engine_block	Ground	{CM 1 C}	global_terminal_connector
XE1		{CB 5 C}	physical_splice_connector
XE10		{CB 1 A}	physical_splice_connector
XE5		{CB 3 D}	physical_splice_connector
XE8		{CB 1 C}	physical_splice_connector
XSA01		{XC 3 D}	physical_splice_connector
XSA02		{XC 3 D}	physical_splice_connector
XSA03		{XC 2 D}	physical_splice_connector
XSA04		{XC 2 D}	physical_splice_connector
XSA05		{XC 1 D}	physical_splice_connector
XSA06		{XC 1 D}	physical_splice_connector
XSA07		{XC 1 D}	physical_splice_connector
XSA08		{XC 1 D}	physical_splice_connector
XSA09		{XC 0 D}	physical_splice_connector
XSA10		{XC 0 D}	physical_splice_connector
XSA11		{XC 1 C}	physical_splice_connector
XSA12		{XC 1 B}	physical_splice_connector
XSA13		{XD 2 D}	physical_splice_connector
XSA14		{XD 2 D}	physical_splice_connector
XSA15		{XD 2 D}	physical_splice_connector
XSA16		{XD 2 D}	physical_splice_connector
XSA17		{XD 2 D}	physical_splice_connector
XSA18		{XD 2 D}	physical_splice_connector
XSA19		{XD 1 D}	physical_splice_connector
XSA20		{XD 1 D}	physical_splice_connector
XSA21		{XD 1 D}	physical_splice_connector
XSA22		{XD 1 D}	physical_splice_connector
XSA23		{XD 1 C}	physical_splice_connector
XSA24		{XD 1 C}	physical_splice_connector
XSA25		{ZC 5 A}	physical_splice_connector
XSA26		{AA 5 A}	physical_splice_connector

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XSA27		{FA 4 B}	physical_splice_connector
XSA28		{AA 3 B}	physical_splice_connector
XSA29		{BA 4 B}	physical_splice_connector
XSA31		{ZC 4 B}	physical_splice_connector
XSA32		{BA 4 A}	physical_splice_connector
XSA34		{AA 3 D}	physical_splice_connector
XSA35		{ZC 1 A}	physical_splice_connector
XSA37		{FB 1 D}	physical_splice_connector
XSA40		{FB 2 D}	physical_splice_connector
XSA43		{ZC 2 A}	physical_splice_connector
XSA44		{AC 5 B}	physical_splice_connector
XSA46		{BB 2 B}	physical_splice_connector
XSA50		{BA 5 C}	physical_splice_connector
XSA52		{ZC 2 B}	physical_splice_connector
XSA53		{GM 2 C}	physical_splice_connector
XSA54		{DM 4 D}	physical_splice_connector
XSA59		{BA 5 B}	physical_splice_connector
XSA60		{NA 4 B}	physical_splice_connector
XSA61		{BA 4 C}	physical_splice_connector
XSA62		{XD 3 D}	physical_splice_connector
XSA63		{XC 4 D}	physical_splice_connector
XSA64		{XC 4 D}	physical_splice_connector
XSA65		{XD 3 D}	physical_splice_connector
XSA68		{BC 2 B}	physical_splice_connector
XSA69		{BC 2 B}	physical_splice_connector
XSA70		{BC 1 B}	physical_splice_connector
XSA71		{BC 1 B}	physical_splice_connector
XSB01		{XC 5 D}	physical_splice_connector
XSB02		{XC 5 D}	physical_splice_connector
XSB03		{XD 4 D}	physical_splice_connector
XSB04		{XD 4 D}	physical_splice_connector
XSB05		{XD 4 D}	physical_splice_connector
XSB06		{XD 5 D}	physical_splice_connector
XSB07		{IS 3 B}	physical_splice_connector
XSB08		{IS 3 B}	physical_splice_connector
XSB09		{ZC 4 B}	physical_splice_connector
XSB10		{ZC 5 C}	physical_splice_connector
XSB11		{ZC 5 C}	physical_splice_connector
XSB12		{GM 3 C}	physical_splice_connector
XSB13		{GB 1 D}	physical_splice_connector
XSB18		{IU 4 C}	physical_splice_connector
XSB19		{IU 4 C}	physical_splice_connector
XSB20		{AC 2 C}	physical_splice_connector
XSB21		{IU 4 C}	physical_splice_connector
XSB22		{NC 3 C}	physical_splice_connector
XSB23		{NC 4 C}	physical_splice_connector
XSB24		{NC 5 C}	physical_splice_connector
XSB25		{AA 4 B}	physical_splice_connector
XSB26		{NC 3 B}	physical_splice_connector
XSB28		{CV 0 C}	physical_splice_connector

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XSB29		{CV 0 C}	physical_splice_connector
XSB30		{IU 4 C}	physical_splice_connector
XSB31		{IU 4 C}	physical_splice_connector
XSB32		{XC 5 D}	physical_splice_connector
XSB33		{XC 4 D}	physical_splice_connector
XSB34		{NA 1 C}	physical_splice_connector
XSB36		{NA 4 B}	physical_splice_connector
XSB37		{NC 1 D}	physical_splice_connector
XSB38		{NC 0 C}	physical_splice_connector
XSB39		{NC 1 C}	physical_splice_connector
XSB40		{NA 1 C}	physical_splice_connector
XSB41		{CP 2 B}	physical_splice_connector
XSC01		{ZC 4 D}	physical_splice_connector
XSC02		{GE 3 C}	physical_splice_connector
XSC03		{GB 2 B}	physical_splice_connector
XSC04		{GE 5 C}	physical_splice_connector
XSC05		{GE 4 B}	physical_splice_connector
XSC06		{GE 3 C}	physical_splice_connector
XSC07		{ZC 4 D}	physical_splice_connector
XSC08		{GB 1 B}	physical_splice_connector
XSC09		{GB 4 B}	physical_splice_connector
XSC11		{DA 2 C}	physical_splice_connector
XSC12		{DA 1 C}	physical_splice_connector
XSC13		{ZC 0 C}	physical_splice_connector
XSC14		{ZC 4 D}	physical_splice_connector
XSC15		{ZC 4 D}	physical_splice_connector
XSC16		{GB 5 C}	physical_splice_connector
XSC21		{DN 5 B}	physical_splice_connector
XSC23		{DD 4 C}	physical_splice_connector
XSC24		{DD 3 C}	physical_splice_connector
XSC25		{DD 3 C}	physical_splice_connector
XSC95		{CL 3 D}	physical_splice_connector
XSC96		{CL 3 D}	physical_splice_connector
XSC97		{CL 2 C}	physical_splice_connector
XSC98		{CL 3 C}	physical_splice_connector
XSC99		{CL 3 C}	physical_splice_connector
XSD05		{DC 2 C}	physical_splice_connector
XSD06		{DC 3 C}	physical_splice_connector
XSD07		{DC 3 C}	physical_splice_connector
XSD08		{DC 2 C}	physical_splice_connector
XSE01		{CB 1 D} {CM 5 C}	physical_splice_connector
XSE01_	Unit injector cylider 1 2 3	{CC 2 B}	physical_splice_connector
XSE02		{AE 2 B}	physical_splice_connector
XSE02_	Unit injector cylider 1 2 3	{CC 2 B}	physical_splice_connector
XSE03		{CM 4 C}	physical_splice_connector
XSE03_	Unit injector cylider 1 2 3	{CC 2 B}	physical_splice_connector
XSE04		{CA 4 C}	physical_splice_connector
XSE04_	Unit injector cylider 1 2 3	{CC 2 B}	physical_splice_connector
XSE05		{CA 3 C}	physical_splice_connector

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XSE05_	Unit injector cylider 1 2 3	{CC 2 B}	physical_splice_connector
XSE06		{CM 4 C}	physical_splice_connector
XSE06_	Unit injector cylider 1 2 3	{CC 2 B}	physical_splice_connector
XSE07		{CA 3 C}	physical_splice_connector
XSE07_	Unit injector cylider 1 2 3	{CC 1 B}	physical_splice_connector
XSE08		{CA 3 C}	physical_splice_connector
XSE08_	Unit injector cylider 1 2 3	{CC 1 B}	physical_splice_connector
XSE09		{CM 2 C}	physical_splice_connector
XSE09_	Unit injector cylider 1 2 3	{CC 1 B}	physical_splice_connector
XSE10		{CM 1 D}	physical_splice_connector
XSE10_	Unit injector cylider 4 5 6	{CC 1 B}	physical_splice_connector
XSE11		{CM 1 C}	physical_splice_connector
XSE12		{CA 5 A}	physical_splice_connector
XSE13		{CM 4 B}	physical_splice_connector
XSE13_		{CC 1 D}	physical_splice_connector
XSE14		{CM 3 B}	physical_splice_connector
XSE14_	GND	{CC 2 C}	physical_splice_connector
XSE15		{CM 3 B}	physical_splice_connector
XSE15_	+30 main switch (F15 15A)	{CC 4 C}	physical_splice_connector
XSE16		{CM 3 B}	physical_splice_connector
XSE16_		{CC 5 D}	physical_splice_connector
XSE17		{CM 3 B}	physical_splice_connector
XSE18		{CM 2 B}	physical_splice_connector
XSE18_	Ground for sensors	{CC 4 A}	physical_splice_connector
XSE19		{CM 2 B}	physical_splice_connector
XSE19_	Power supply 5V	{CC 4 B}	physical_splice_connector
XSE20		{CM 2 B}	physical_splice_connector
XSE20_		{CC 4 A}	physical_splice_connector
XSE21		{CM 2 B}	physical_splice_connector
XSE22		{CM 3 B}	physical_splice_connector
XSE222		{CC 5 B}	physical_splice_connector
XSE23		{CM 3 B}	physical_splice_connector
XSE24		{CA 5 B}	physical_splice_connector
XSE25		{CA 4 A}	physical_splice_connector
XSE26		{CM 2 B}	physical_splice_connector
XSE27		{CM 2 B}	physical_splice_connector
XSE28		{CM 1 B}	physical_splice_connector
XSE29		{CM 1 B}	physical_splice_connector
XSE30		{CM 1 B}	physical_splice_connector
XSE31		{CM 1 B}	physical_splice_connector
XSE32		{CM 1 B}	physical_splice_connector
XSE33		{CM 1 B}	physical_splice_connector
XSE34		{CM 2 B}	physical_splice_connector
XSE35		{CM 1 B}	physical_splice_connector
XSE36		{CA 4 B}	physical_splice_connector
XSE39		{CM 1 D}	physical_splice_connector
XSE40		{CM 1 C}	physical_splice_connector
XSE41		{CN 2 C}	physical_splice_connector
XSE42		{CN 2 C}	physical_splice_connector
XSE43		{CN 0 B}	physical_splice_connector

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XSE44		{CN 2 B}	physical_splice_connector
XSE45		{CN 3 B}	physical_splice_connector
XSE46		{CN 5 B}	physical_splice_connector
XSE47		{CN 5 B}	physical_splice_connector
XSE48		{CN 4 B}	physical_splice_connector
XSE49		{CN 2 A}	physical_splice_connector
XSE50		{CM 0 C}	physical_splice_connector
XSE51		{CM 3 C}	physical_splice_connector
XSE52		{CM 3 C}	physical_splice_connector
XSE53		{CB 2 D}	physical_splice_connector
XSE54		{CB 1 D}	physical_splice_connector
XSE55		{CB 4 C}	physical_splice_connector
XSE56		{CB 4 D}	physical_splice_connector
XSE57		{CB 4 A}	physical_splice_connector
XSE58		{CB 2 B}	physical_splice_connector
XSE59		{CB 2 B}	physical_splice_connector
XSE60		{CM 5 B}	physical_splice_connector
XSE61		{CA 0 C}	physical_splice_connector
XSE63		{CA 1 C}	physical_splice_connector
XSE68		{CA 3 B}	physical_splice_connector
XSE70		{CA 2 B}	physical_splice_connector
XSE71		{CA 1 B}	physical_splice_connector
XSE72		{CA 1 B}	physical_splice_connector
XSF01		{GE 1 C}	physical_splice_connector
XSF02		{GD 2 C}	physical_splice_connector
XSF03		{GA 2 B}	physical_splice_connector
XSF04		{GA 1 B}	physical_splice_connector
XSF05		{GC 3 B}	physical_splice_connector
XSF06		{GD 2 C}	physical_splice_connector
XSF07		{ZC 2 D}	physical_splice_connector
XSF08		{CA 1 D}	physical_splice_connector
XSF09		{GC 5 B}	physical_splice_connector
XSF10		{GC 4 B}	physical_splice_connector
XSF100		{CV 2 B}	physical_splice_connector
XSF101		{CV 2 B}	physical_splice_connector
XSF102		{CU 2 D}	physical_splice_connector
XSF103		{CU 2 D}	physical_splice_connector
XSF104		{CU 2 D}	physical_splice_connector
XSF105		{CU 2 D}	physical_splice_connector
XSF106		{CU 3 D}	physical_splice_connector
XSF107		{CU 3 D}	physical_splice_connector
XSF108		{CU 4 D}	physical_splice_connector
XSF109		{CU 3 D}	physical_splice_connector
XSF11		{GE 0 C}	physical_splice_connector
XSF110		{CU 5 D}	physical_splice_connector
XSF111		{CU 5 D}	physical_splice_connector
XSF112		{CU 5 D}	physical_splice_connector
XSF113		{CU 1 A}	physical_splice_connector
XSF114		{CU 0 A}	physical_splice_connector
XSF115		{XC 3 B}	physical_splice_connector

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XSF116		{XC 3 B}	physical_splice_connector
XSF117		{XD 5 B}	physical_splice_connector
XSF118		{XD 5 B}	physical_splice_connector
XSF12		{GA 3 C}	physical_splice_connector
XSF13		{GE 2 C}	physical_splice_connector
XSF14		{ZC 2 C}	physical_splice_connector
XSF19		{ZC 3 B}	physical_splice_connector
XSF20		{CU 4 D}	physical_splice_connector
XSF21		{ZC 0 C}	physical_splice_connector
XSF22		{CU 4 D}	physical_splice_connector
XSF23		{CU 4 D}	physical_splice_connector
XSF26		{DM 3 D}	physical_splice_connector
XSF29		{FB 4 C}	physical_splice_connector
XSF31		{GD 3 D}	physical_splice_connector
XSF32		{FB 5 C}	physical_splice_connector
XSF33		{GD 4 D}	physical_splice_connector
XSF34		{GD 5 D}	physical_splice_connector
XSF35		{BA 3 D}	physical_splice_connector
XSF36		{CV 3 C}	physical_splice_connector
XSF37		{GA 3 B}	physical_splice_connector
XSF38		{CN 5 D}	physical_splice_connector
XSF39		{CV 3 C}	physical_splice_connector
XSF40		{FA 5 C}	physical_splice_connector
XSF41		{XD 3 B} {XD 4 B} {XD 4 B} {XD 3 B} {XD 3 B} {XE 3 D}	physical_splice_connector
XSF42		{XD 3 B} {XD 4 B} {XD 4 B} {XD 3 B} {XD 3 B} {XE 3 C}	physical_splice_connector
XSF43		{CM 1 C}	physical_splice_connector
XSF44		{CM 4 C}	physical_splice_connector
XSF45		{CN 4 D}	physical_splice_connector
XSF46		{CA 2 D}	physical_splice_connector
XSF47		{CV 3 C}	physical_splice_connector
XSF48		{CV 3 C}	physical_splice_connector
XSF49		{CV 3 B}	physical_splice_connector
XSF50		{CV 3 B}	physical_splice_connector
XSF51		{CV 2 B}	physical_splice_connector
XSF52		{CV 2 B}	physical_splice_connector
XSF54		{XC 4 B}	physical_splice_connector
XSF55		{XC 4 B}	physical_splice_connector
XSF60		{CN 2 D}	physical_splice_connector
XSF61		{ZC 3 C}	physical_splice_connector
XSF62		{CA 3 D}	physical_splice_connector
XSF64		{CL 3 B}	physical_splice_connector

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Part Name	Description	Location	Part Type
XSF70		{CU 5 C}	physical_splice_connector
XSF71		{CU 1 B}	physical_splice_connector
XSF72		{CU 5 A}	physical_splice_connector
XSF73		{CU 5 A}	physical_splice_connector
XSF74		{ZC 3 B}	physical_splice_connector
XSF75		{AG 3 B}	physical_splice_connector
XSF76		{CU 5 C}	physical_splice_connector
XSF80		{CV 2 D}	physical_splice_connector
		{CV 2 D}	
XSF81		{CV 2 D}	physical_splice_connector
		{CV 2 C}	
XSF82		{CV 3 D}	physical_splice_connector
		{CV 3 D}	
XSF83		{CV 3 D}	physical_splice_connector
		{CV 3 C}	
XSF84		{CV 4 D}	physical_splice_connector
		{CV 4 D}	
XSF85		{CV 4 D}	physical_splice_connector
		{CV 4 C}	
XSF86		{CV 5 C}	physical_splice_connector
XSF87		{CV 5 C}	physical_splice_connector
XSF88		{CV 5 D}	physical_splice_connector
XSF89		{CV 4 C}	physical_splice_connector
XSF90		{CV 3 D}	physical_splice_connector
XSF91		{CV 2 D}	physical_splice_connector
XSF93		{BB 3 C}	physical_splice_connector
XSF94		{BB 3 B}	physical_splice_connector
XSF96		{CN 1 D}	physical_splice_connector
XSF99		{AG 2 B}	physical_splice_connector
XSG01		{AD 1 C}	physical_splice_connector
XSG02		{AD 3 B}	physical_splice_connector
XSG03		{AH 3 B}	physical_splice_connector
XSG04		{AH 2 B}	physical_splice_connector
XSG05		{AE 3 B}	physical_splice_connector
XSG06		{AF 0 C}	physical_splice_connector
XSG07		{AF 2 B}	physical_splice_connector
XSG08		{CB 1 D}	physical_splice_connector
XSJ01		{GD 2 B}	physical_splice_connector
XSJ02		{GD 1 C}	physical_splice_connector
XSJ03		{GD 0 B}	physical_splice_connector
XSJ04		{GD 4 C}	physical_splice_connector
XSJ05		{GD 5 C}	physical_splice_connector
XSJ06		{GD 2 B}	physical_splice_connector
XSJ07		{ZC 0 D}	physical_splice_connector
XSJ08		{ZC 2 B}	physical_splice_connector
XSJ09		{FB 4 B}	physical_splice_connector
XSJ10		{FB 4 C}	physical_splice_connector
XSJ11		{FB 1 B}	physical_splice_connector
XSJ12		{FB 1 B}	physical_splice_connector
XSJ13		{DO 3 C}	physical_splice_connector
XSJ14		{DO 3 C}	physical_splice_connector

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XSJ15		{DO 3 C}	physical_splice_connector
XSJ16		{GF 2 C}	physical_splice_connector
XSJ17		{BB 1 D}	physical_splice_connector
XSJ18		{FB 5 B}	physical_splice_connector
XSJ19		{FB 5 B}	physical_splice_connector
XSJ20		{FA 2 D}	physical_splice_connector
XSJ21		{DD 0 D}	physical_splice_connector
XSJ22		{DD 0 D}	physical_splice_connector
XSJ23		{FC 3 C}	physical_splice_connector
XSJ24		{FC 3 C}	physical_splice_connector
XSJ25		{FC 2 C}	physical_splice_connector
XSJ26		{FC 2 C}	physical_splice_connector
		{FC 3 D}	
XSJ30		{FC 4 D}	physical_splice_connector
XSJ31		{FC 4 C}	physical_splice_connector
XSJ32		{FC 5 B}	physical_splice_connector
XSJ33		{GF 2 C}	physical_splice_connector
XSJ34		{ZC 4 B}	physical_splice_connector
XSJ35		{XC 2 B}	physical_splice_connector
XSJ36		{XC 2 B}	physical_splice_connector
XSJ37		{FC 3 D}	physical_splice_connector
XSJ40		{NA 5 A}	physical_splice_connector
XSJ41		{NA 5 B}	physical_splice_connector
XSJ42		{NA 5 B}	physical_splice_connector
XSJ43		{NA 5 C}	physical_splice_connector
XSJ44		{LA 3 C}	physical_splice_connector
XSJ45		{GD 4 C}	physical_splice_connector
XSJ46		{GF 2 B}	physical_splice_connector
XSJ47		{LA 3 D}	physical_splice_connector
XSJ48		{LA 3 D}	physical_splice_connector
XSJ50		{CL 1 B}	physical_splice_connector
XSJ51		{GD 3 B}	physical_splice_connector
XSJ52		{GD 3 B}	physical_splice_connector
XSK02	GND	{FO 1 B}	physical_splice_connector
XSK06		{LA 3 D}	physical_splice_connector
XSK1		{CG 4 C}	physical_splice_connector
XSK13		{LA 2 C}	physical_splice_connector
XSK15	+15 ignition	{LB 3 C}	physical_splice_connector
XSK16		{LB 2 C}	physical_splice_connector
XSK17		{LB 4 B}	physical_splice_connector
XSK18		{ZC 2 C}	physical_splice_connector
XSK19		{LB 2 C}	physical_splice_connector
XSK20		{LA 4 C}	physical_splice_connector
XSK21		{LB 1 C}	physical_splice_connector
XSK22		{GF 4 C}	physical_splice_connector
XSK23		{GF 4 C}	physical_splice_connector
XSK24		{LB 3 C}	physical_splice_connector
XSK25		{LB 3 C}	physical_splice_connector
XSK4		{CG 2 C}	physical_splice_connector
XSK6		{CG 2 C}	physical_splice_connector

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XSL1		{CG 3 A}	physical_splice_connector
XSL10		{CU 3 A}	physical_splice_connector
XSL11		{CU 3 A}	physical_splice_connector
XSL12		{CU 2 A}	physical_splice_connector
XSL13		{CU 2 A}	physical_splice_connector
XSL2		{CG 1 A}	physical_splice_connector
XSM01		{GN 4 D}	physical_splice_connector
XSM02		{ZC 4 C}	physical_splice_connector
XSM03	Analogue ground sensors	{FO 2 B}	physical_splice_connector
XSM04	+30 main switch	{FO 3 C}	physical_splice_connector
XSM05	+15 ignition	{FO 3 C}	physical_splice_connector

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Feedback

One of our objectives is that workshop personnel should have access to correct and appropriate service manuals where it concerns fault tracing, repairs and maintenance of Volvo vehicles.

In order to maintain the high standards of our literature, your opinions and experience when using this manual would be greatly appreciated.

If you have any comments or suggestions, make a copy of this page, write down your comments and send them to us, either via telefax or mailing directly to the address listed below.

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Comments/proposals

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