

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

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Document Title
**WIRING DIAGRAM
B13R EU5 / OBD13**



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

VOLVO

Volvo Truck Corporation

Document Title

WIRING DIAGRAM

Document Type

PRODUCT SCHEMATIC

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Issue Index

02

Volume No

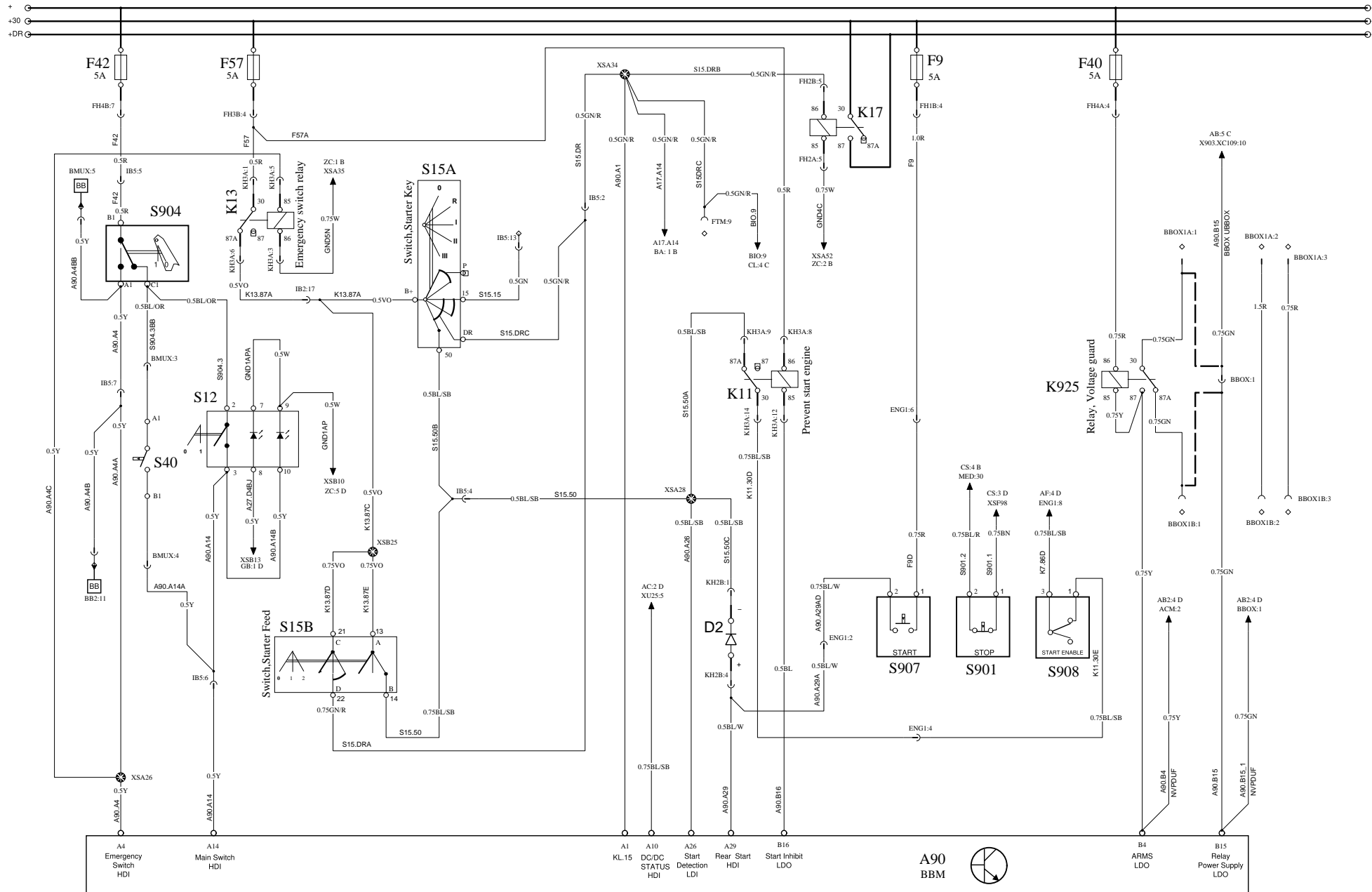
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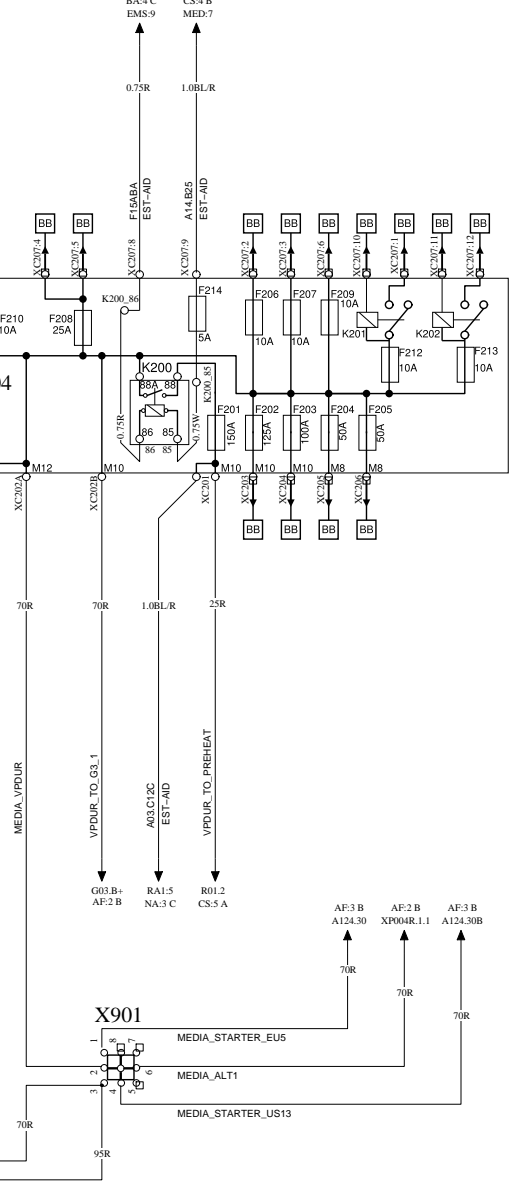
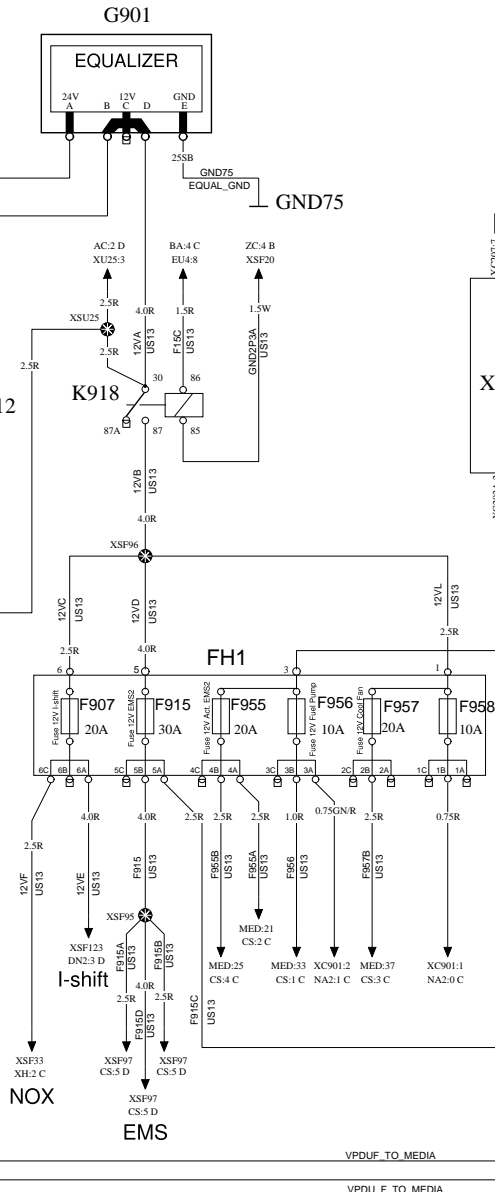
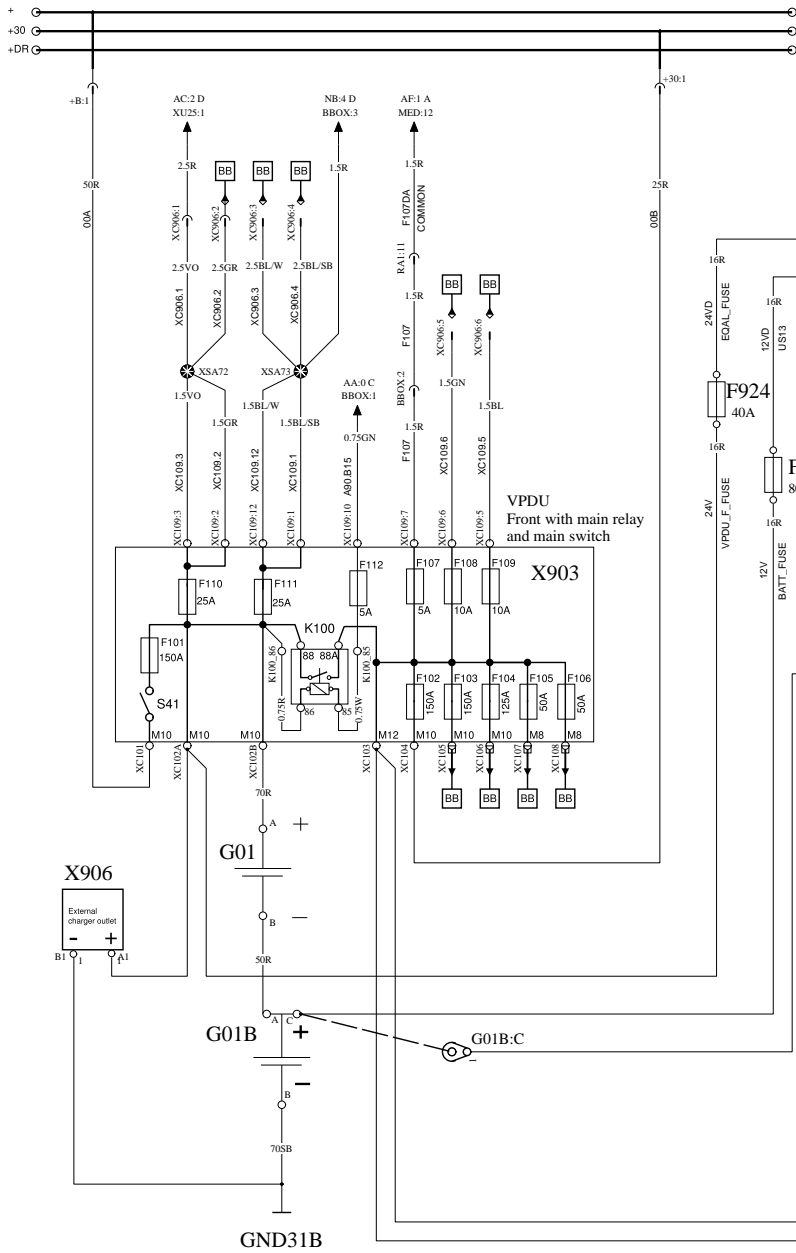
IGNITION AND STARTING SYSTEM

WIRING DIAGRAM AA

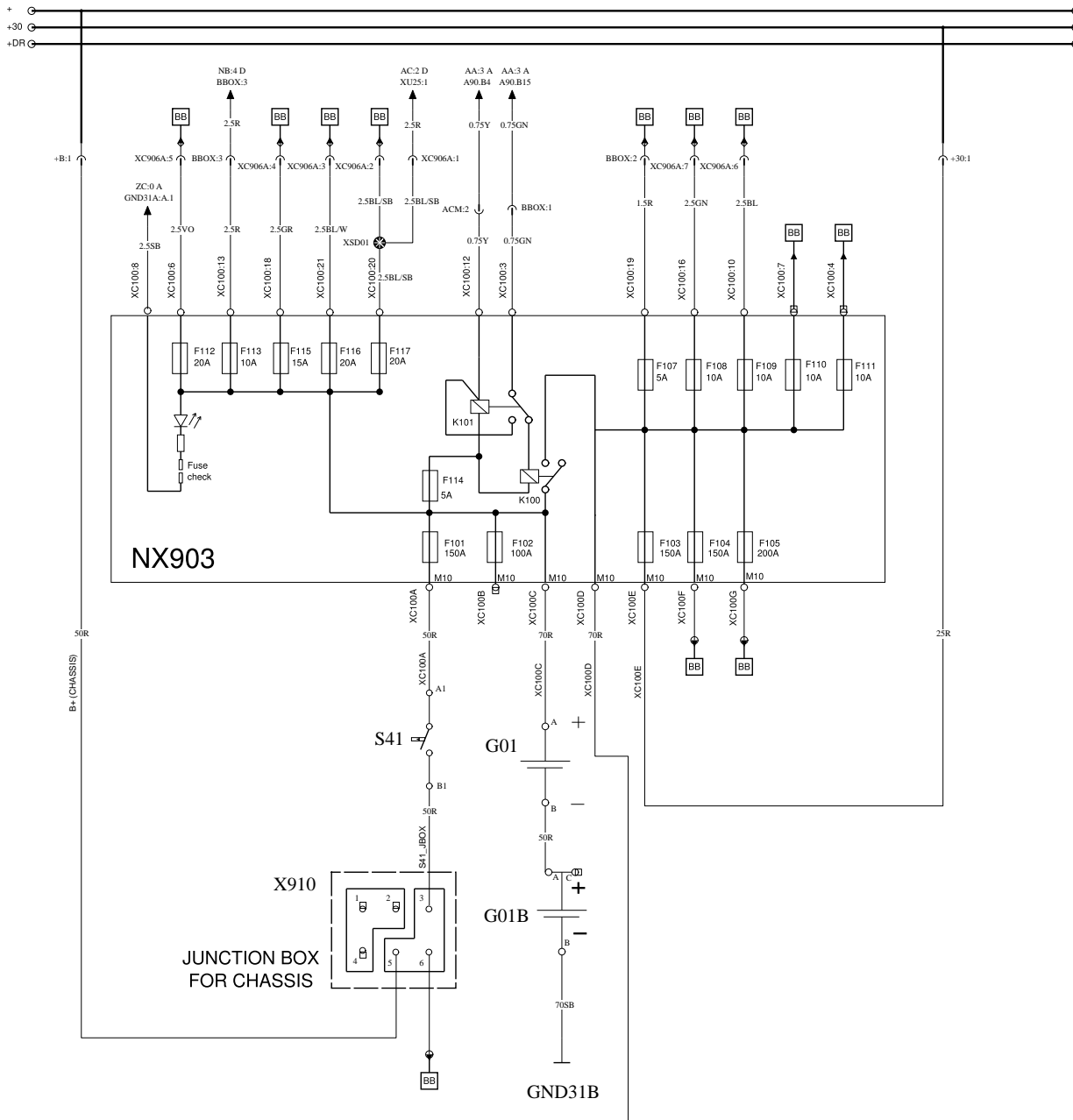


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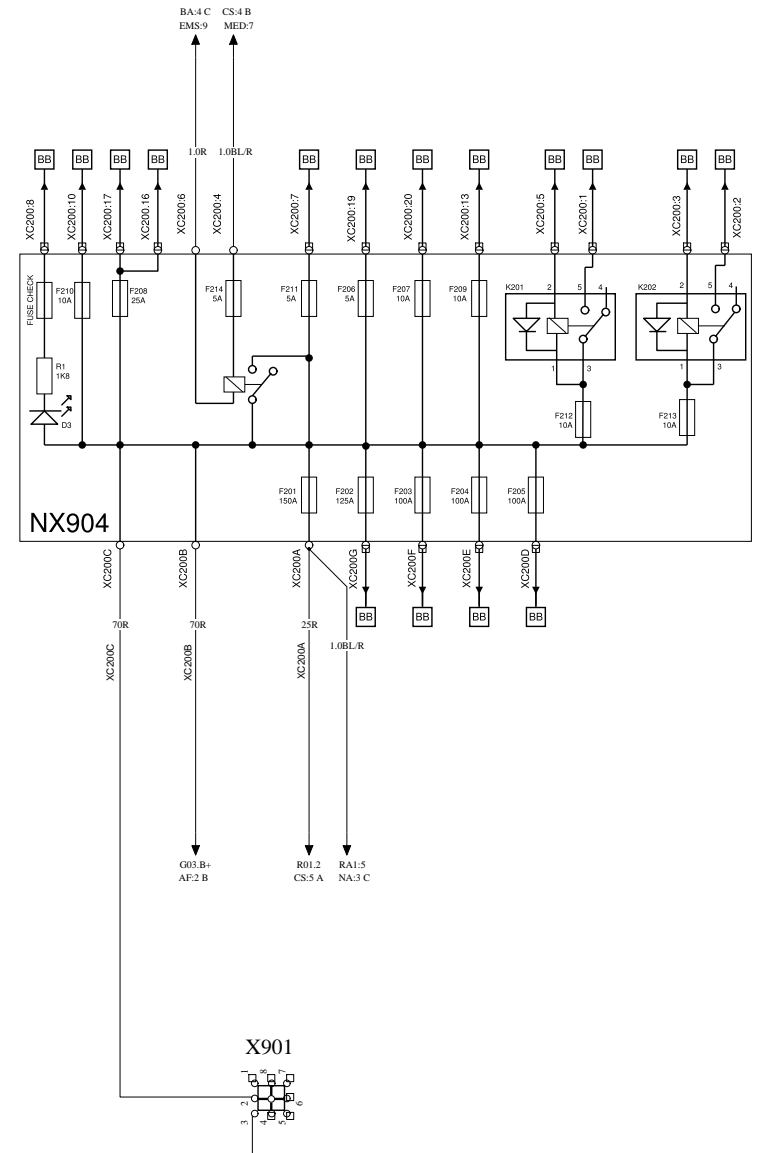
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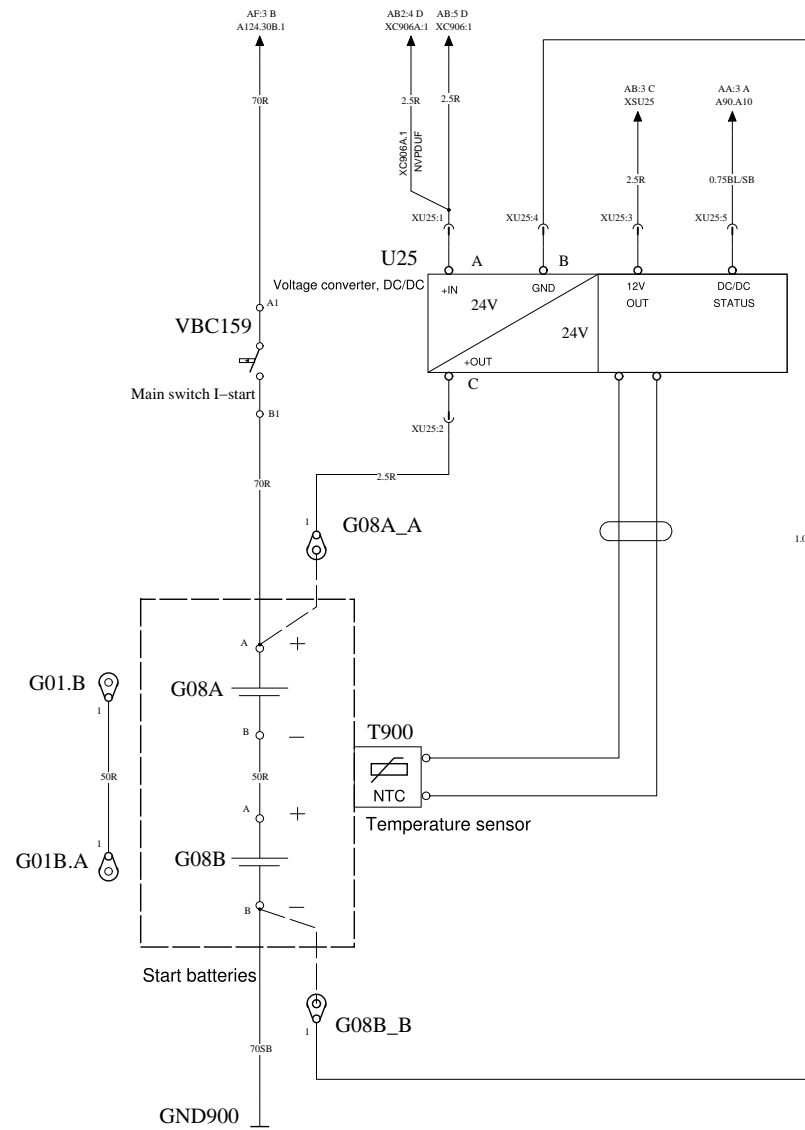


NVPDUF & NVPDUR



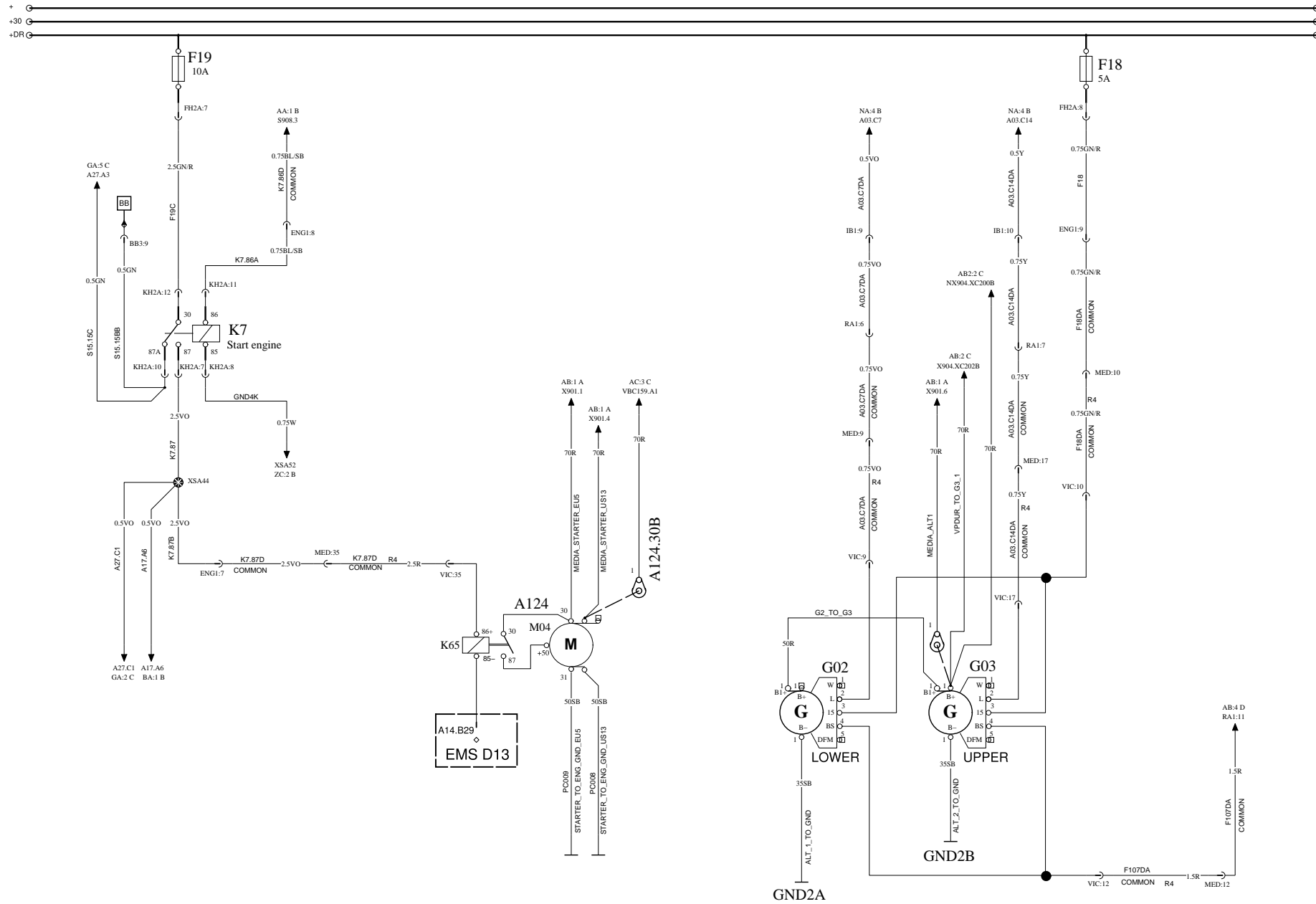
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STARTER MOTOR AND ALTERNATORS

WIRING DIAGRAM AF



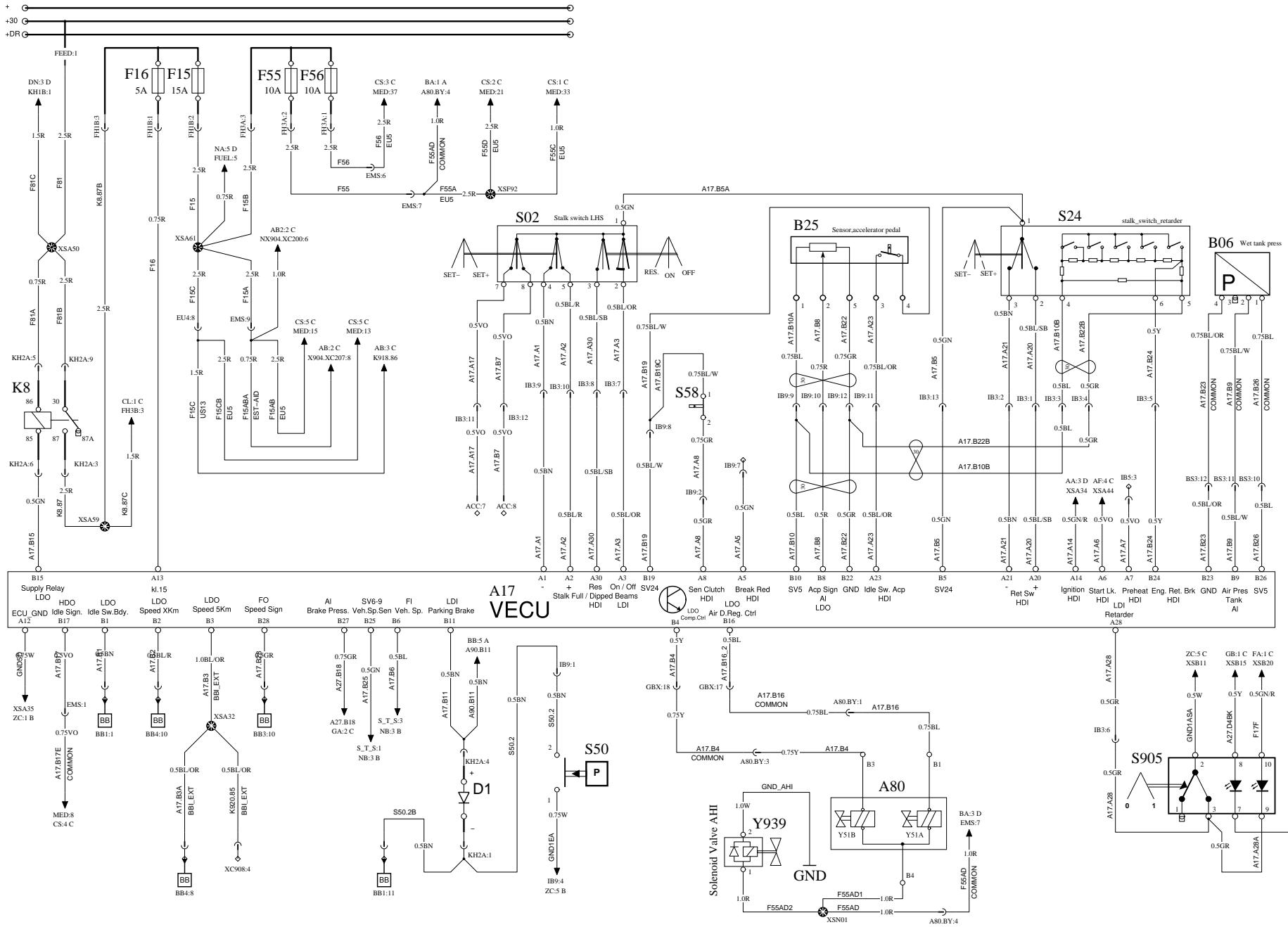
VOLVO
Volvo Bus Corporation

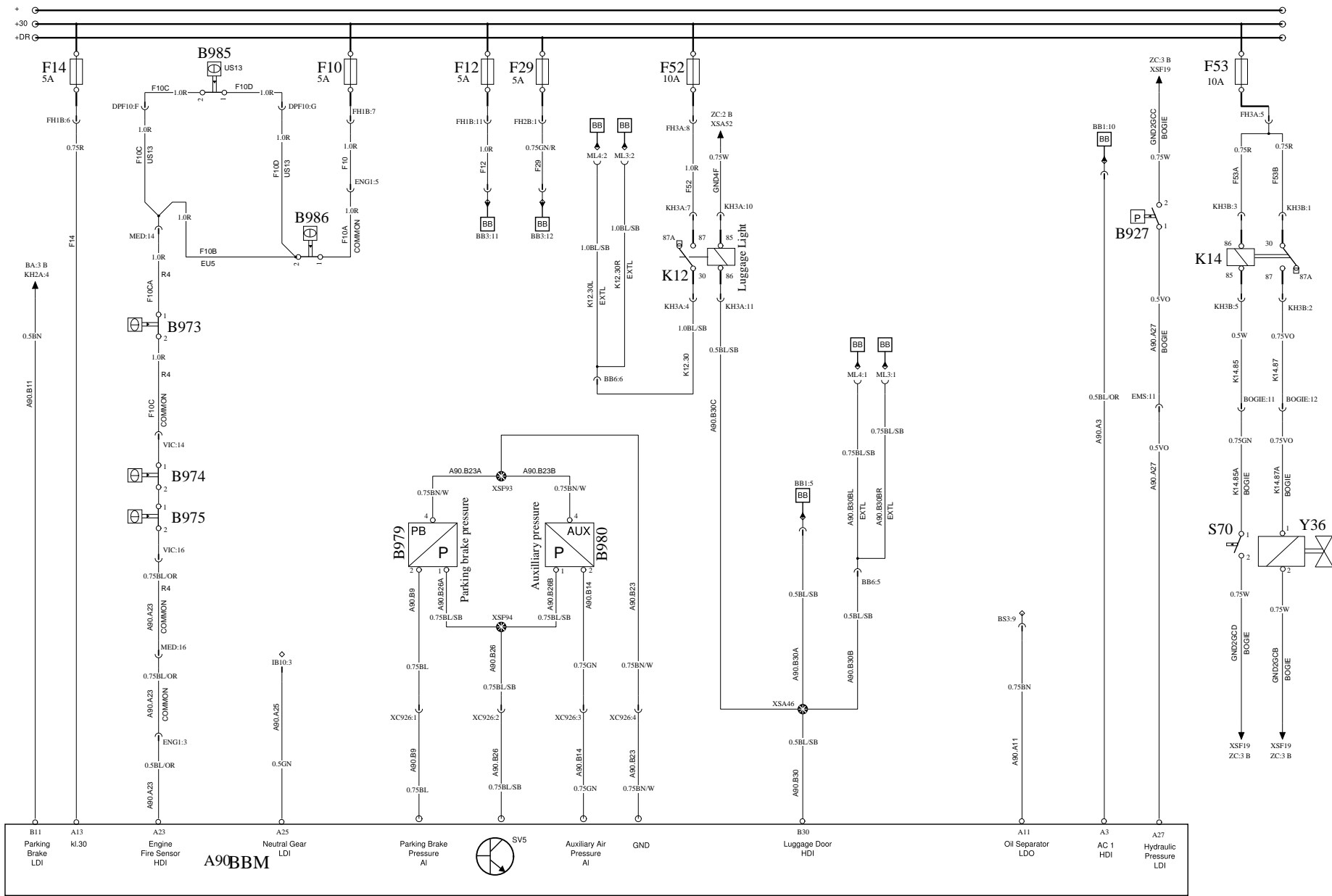
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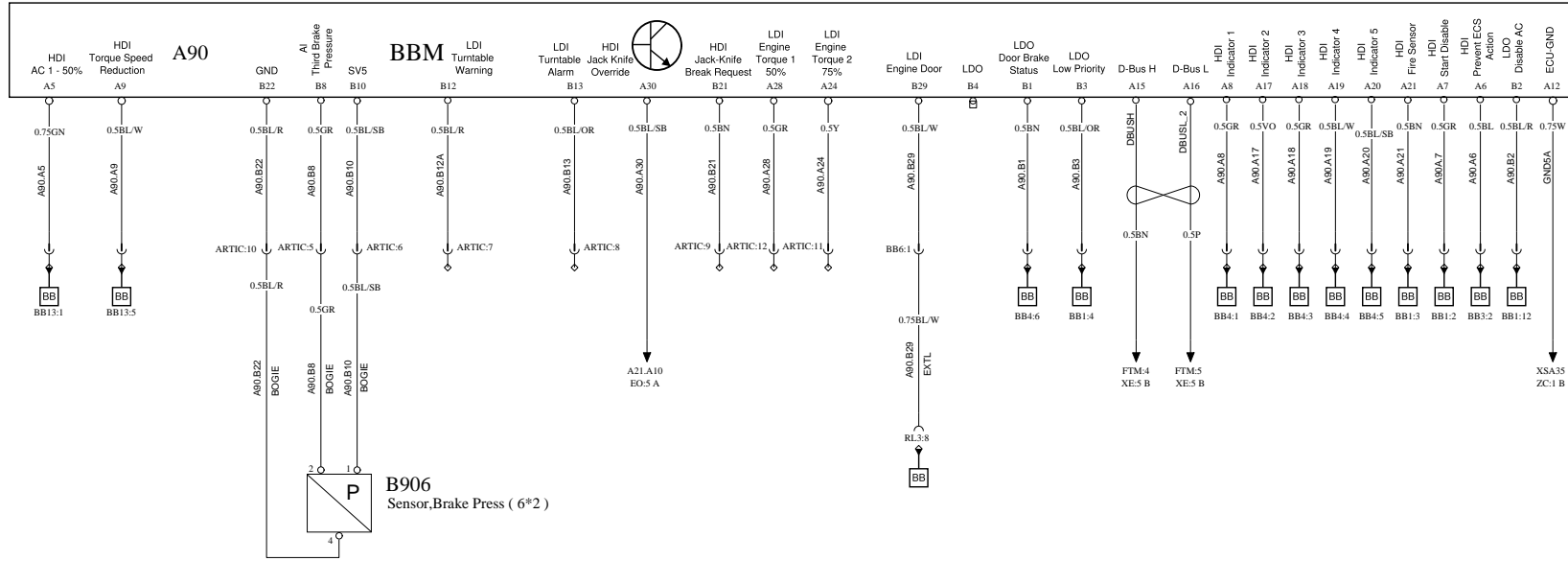
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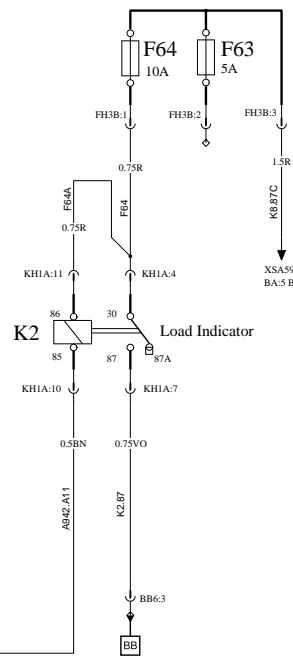
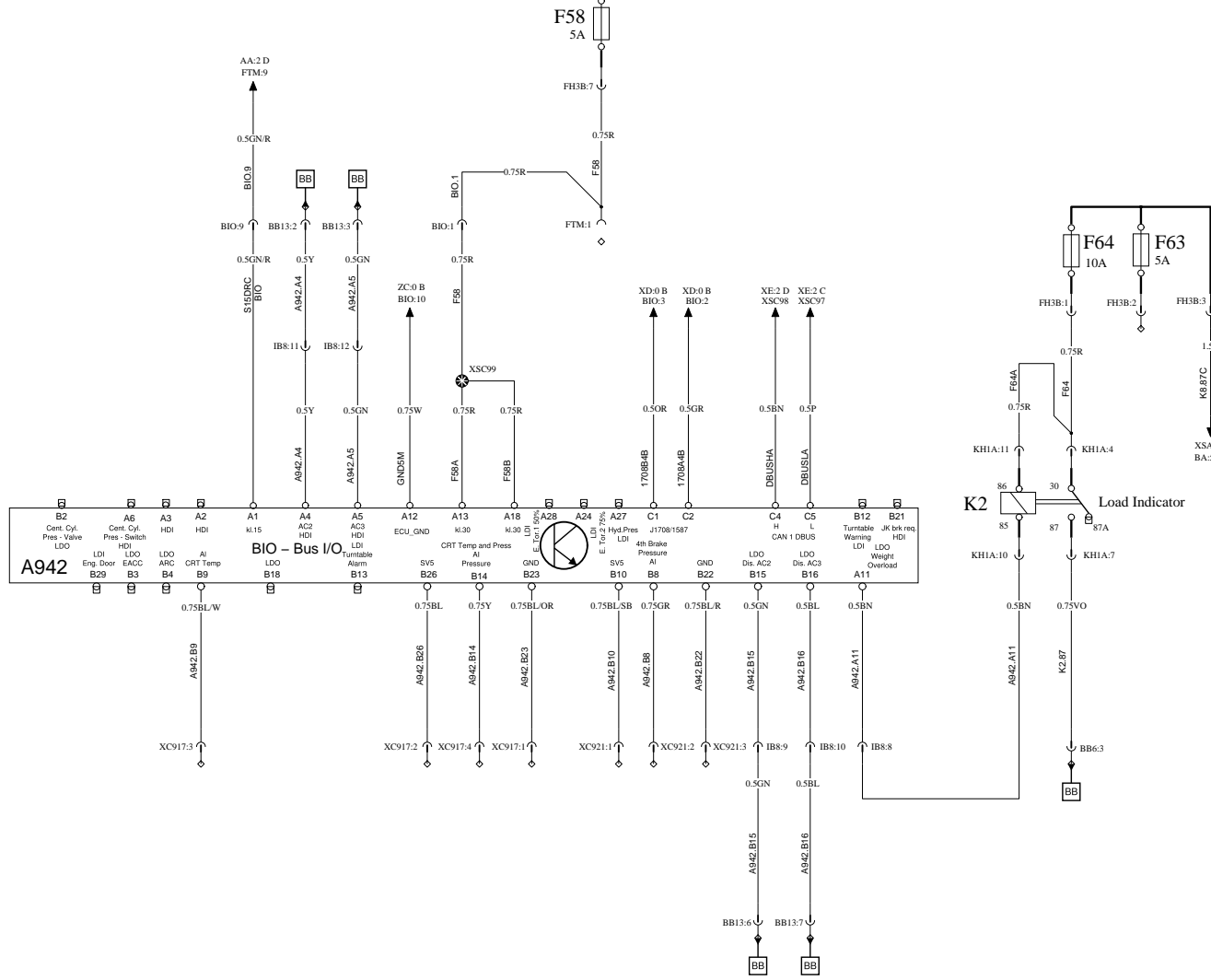
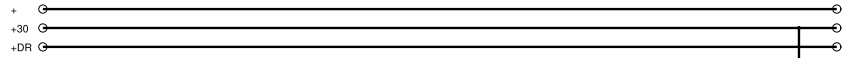
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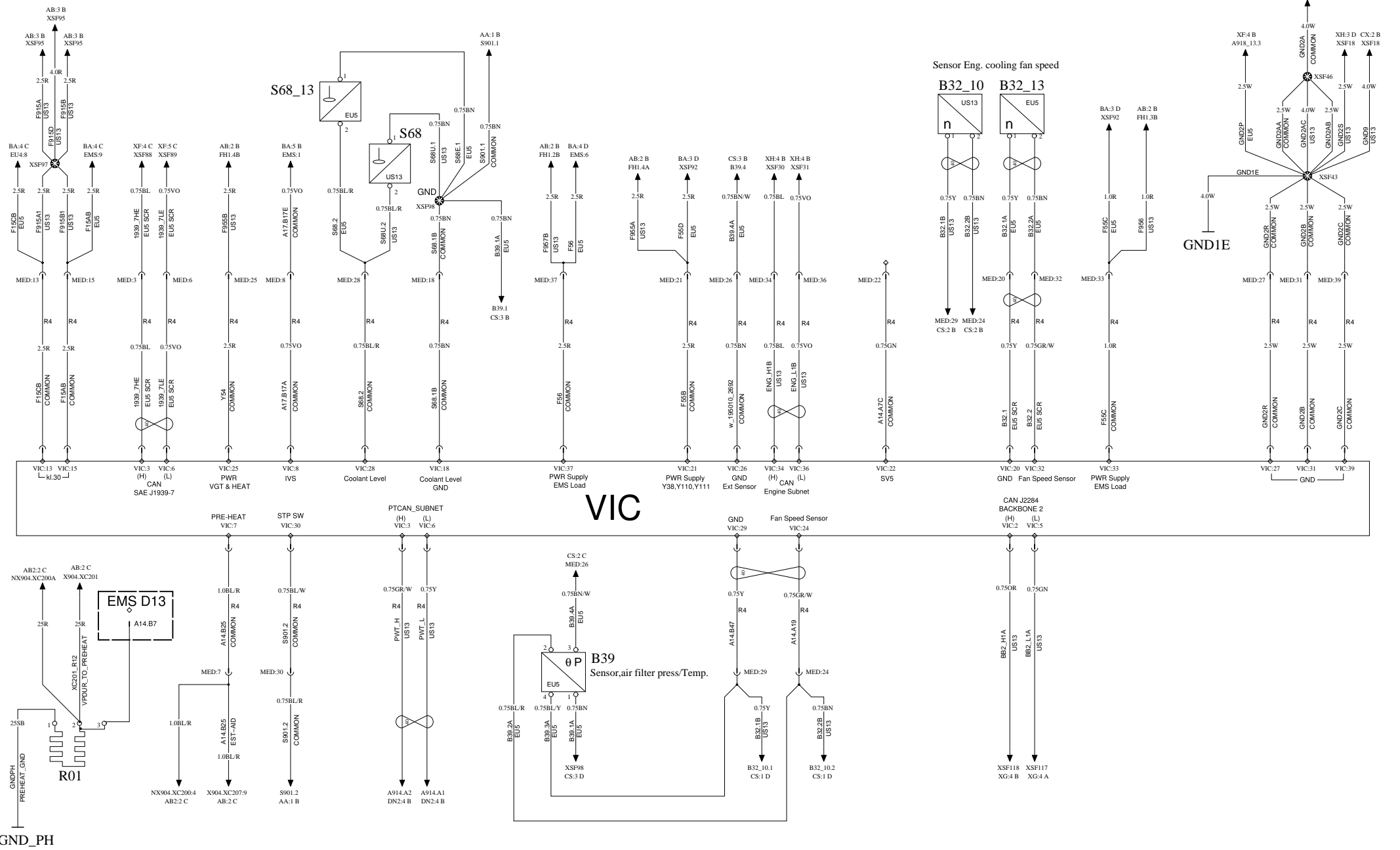






ENGINE INTERFACE D13

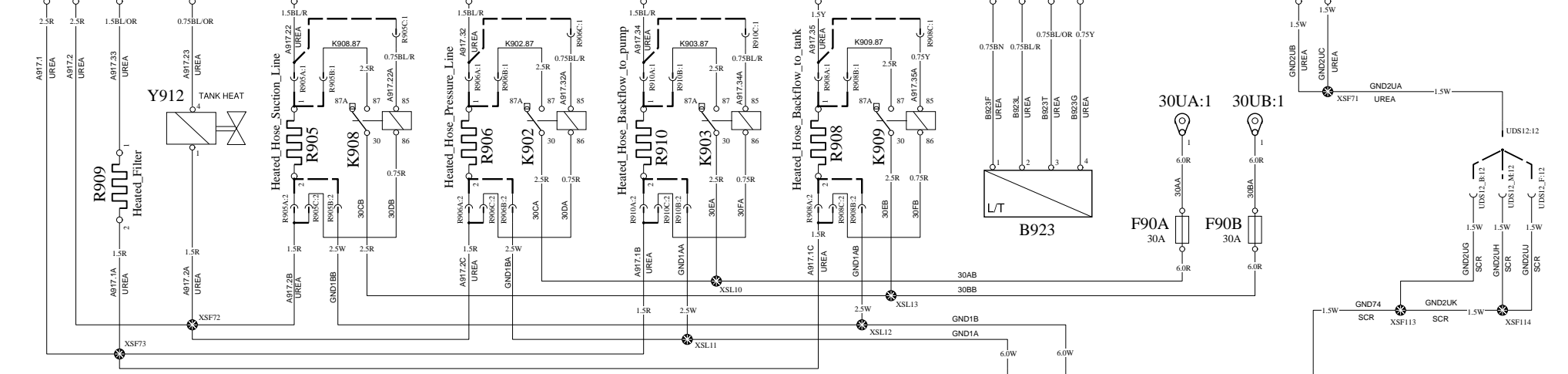
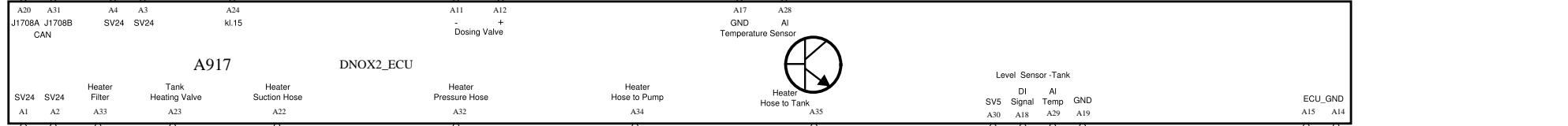
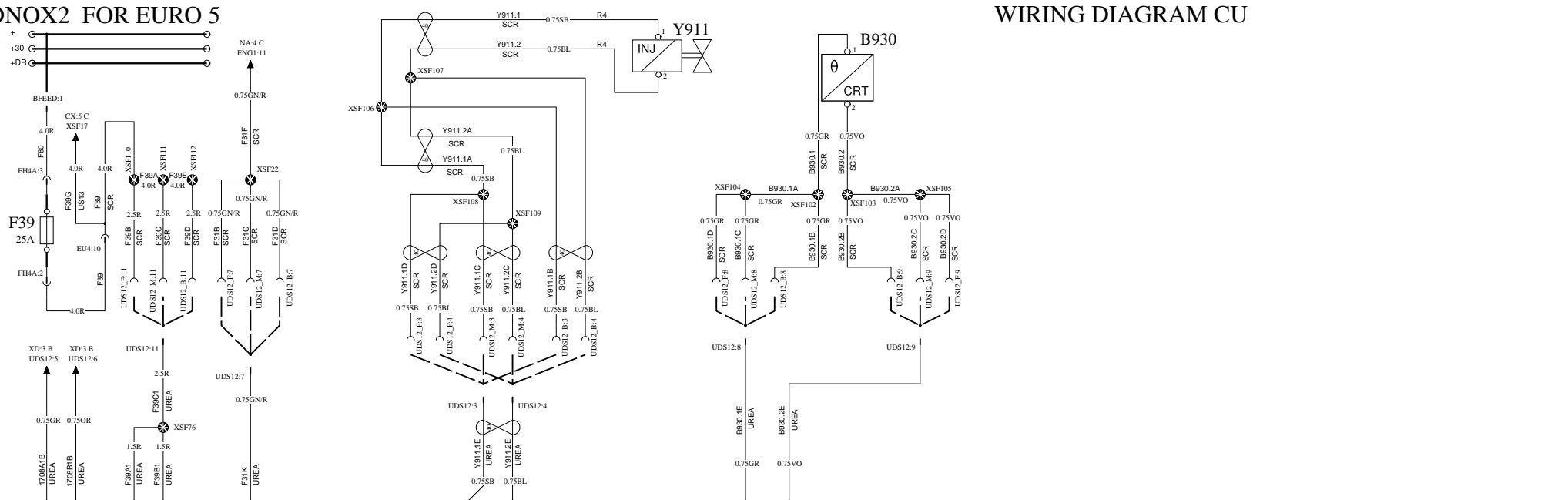
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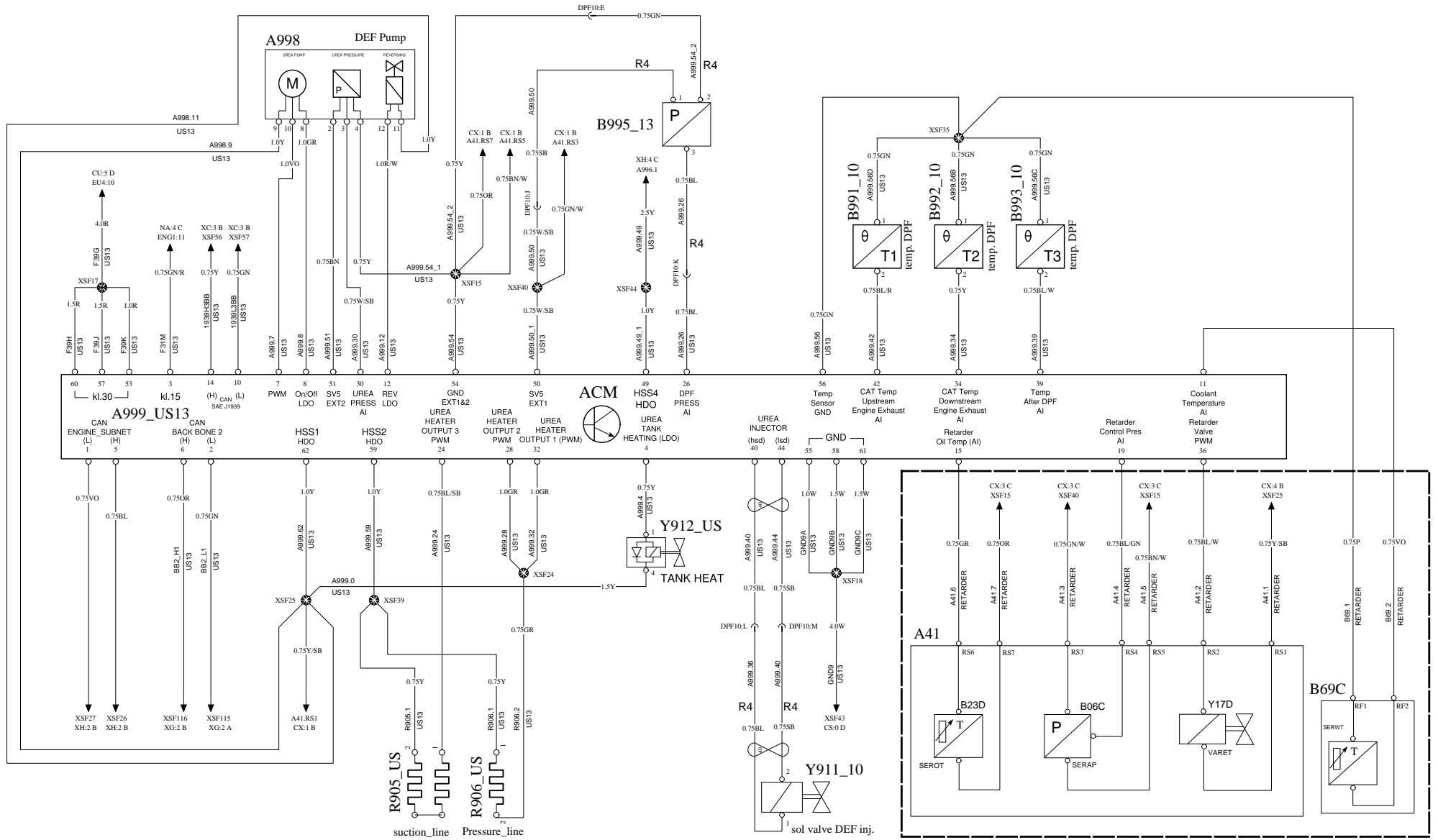


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DNOX2 FOR EURO 5

WIRING DIAGRAM CU

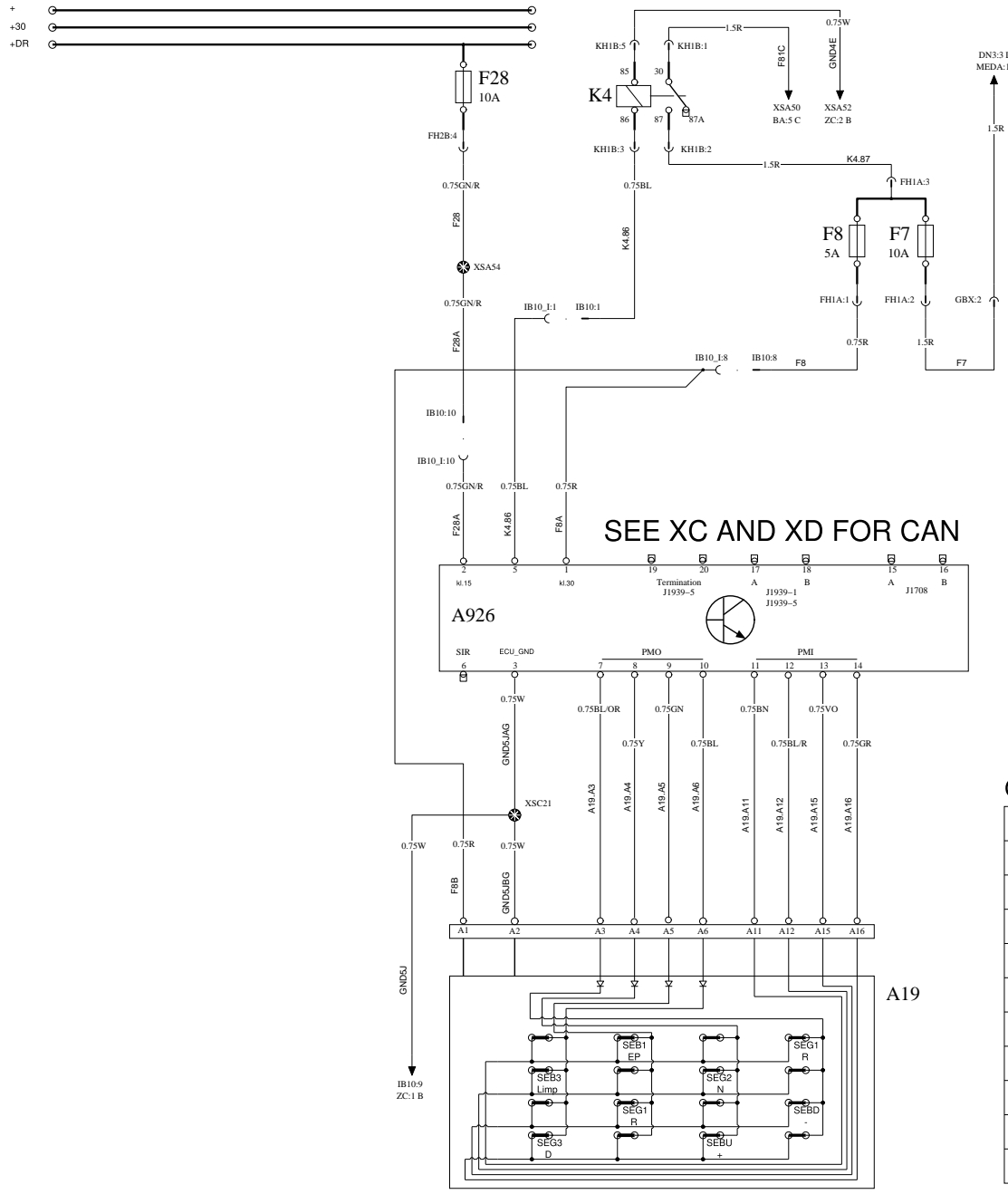




I-SHIFT

GEAR LEVER

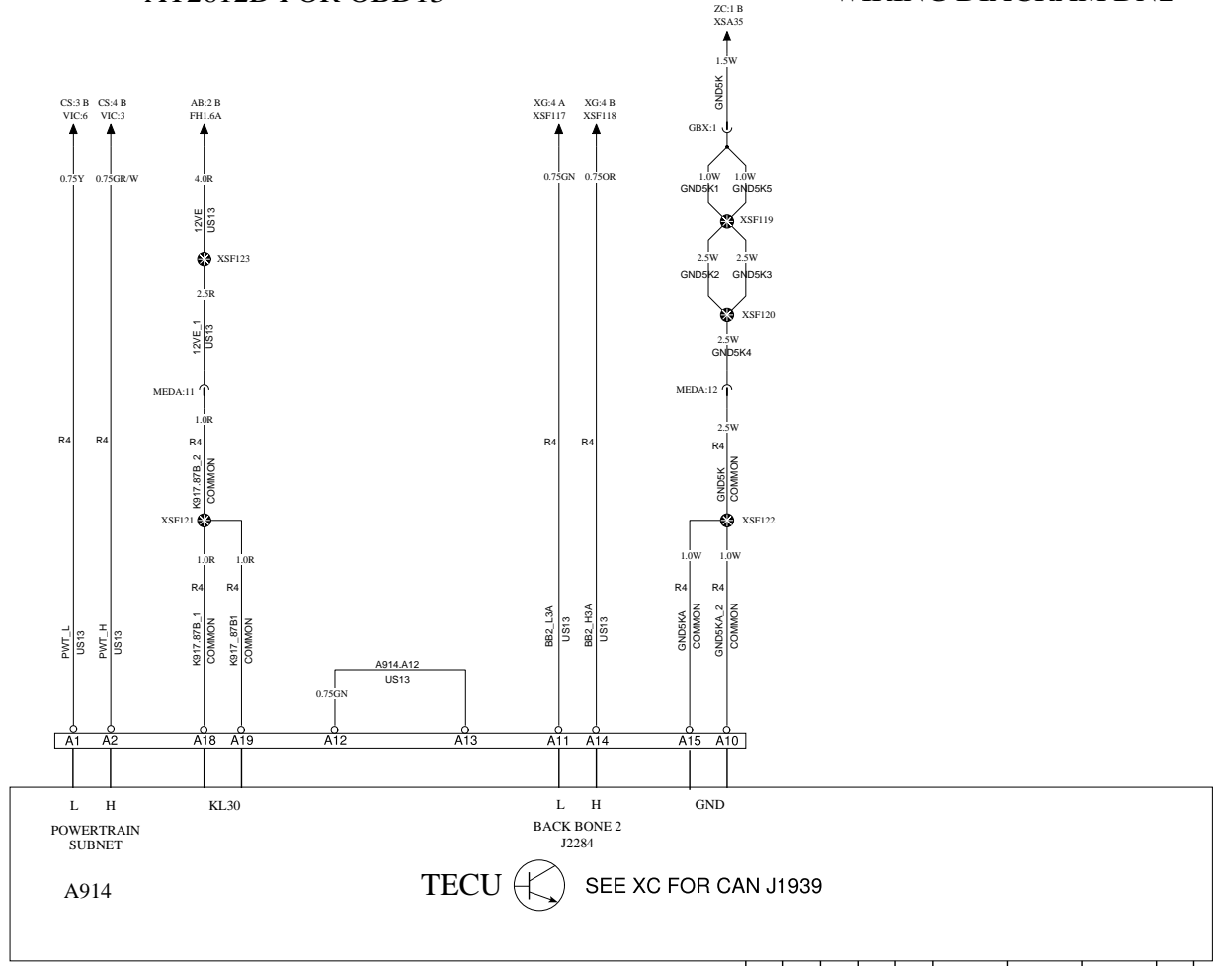
WIRING DIAGRAM DN



SEE XC AND XD FOR CAN

CONNECTIONS FOR GEAR LEVER

PIN	SIGNAL NAME	ASSIGNMENT
1	UBATT	MAIN SUPPLY
2	GND	MAIN GROUND
3	INP1	MATRIX INPUT 1
4	INP2	MATRIX INPUT 2
5	INP3	MATRIX INPUT 3
6	INP4	MATRIX INPUT 4
11	OUP1	MATRIX OUTPUT 1
12	OUP2	MATRIX OUTPUT 2
15	OUP3	MATRIX OUTPUT 3
16	OUP4	MATRIX OUTPUT 4



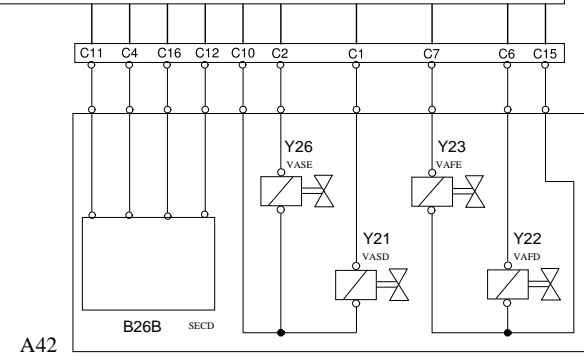
L H KL.30 L H GND

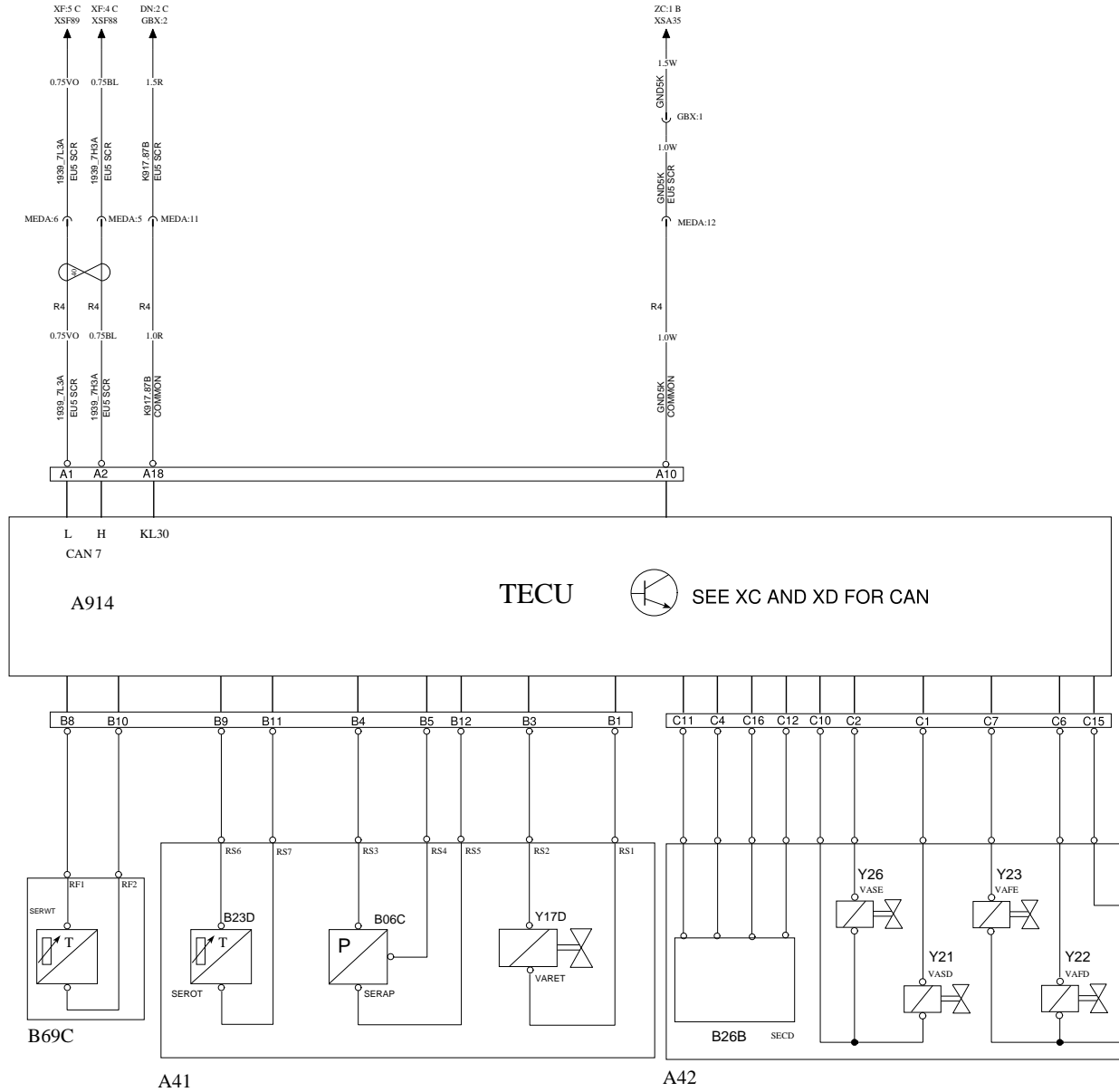
POWERTRAIN SUBNET

BACK BONE 2 J2284

A914

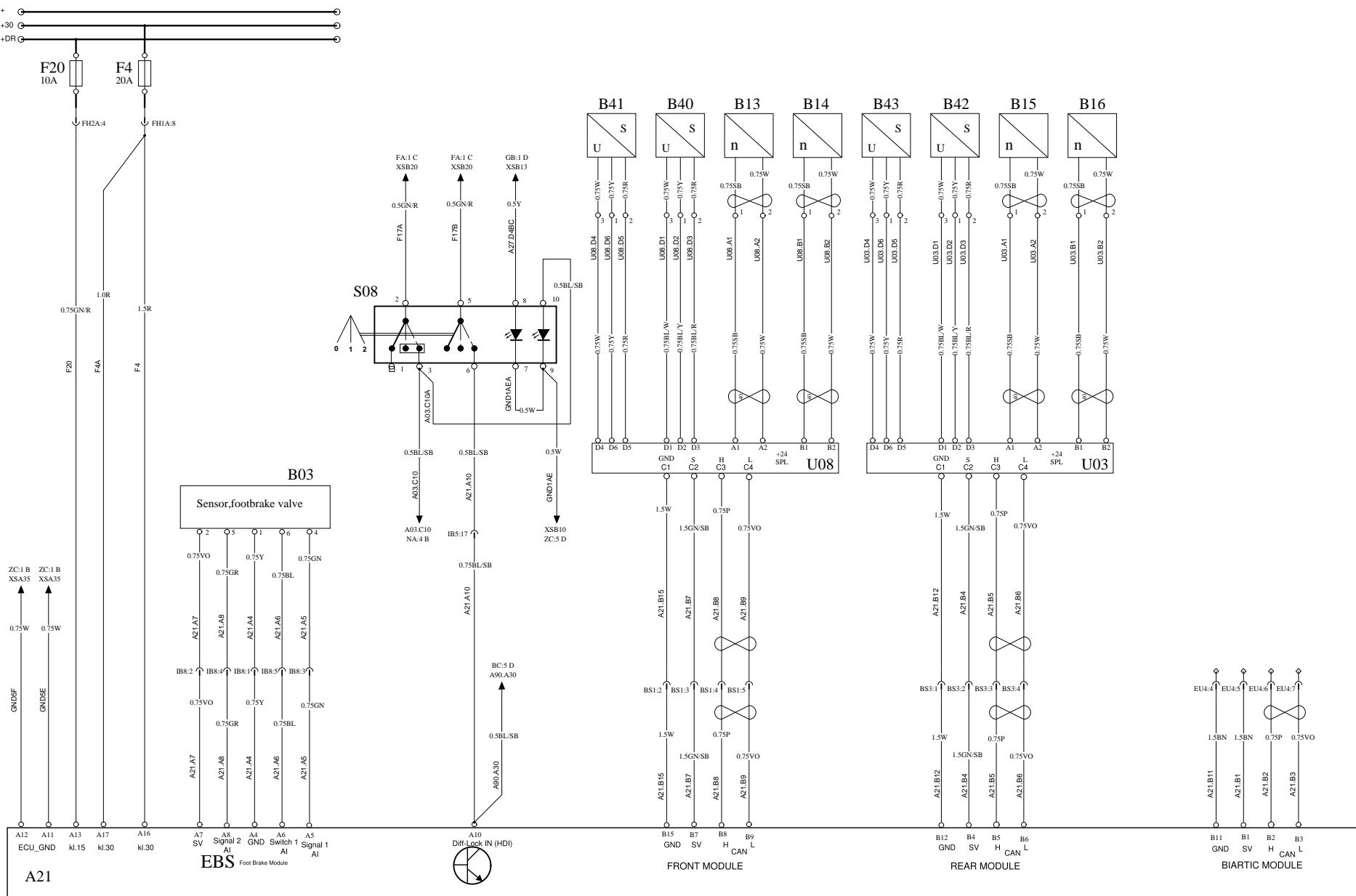
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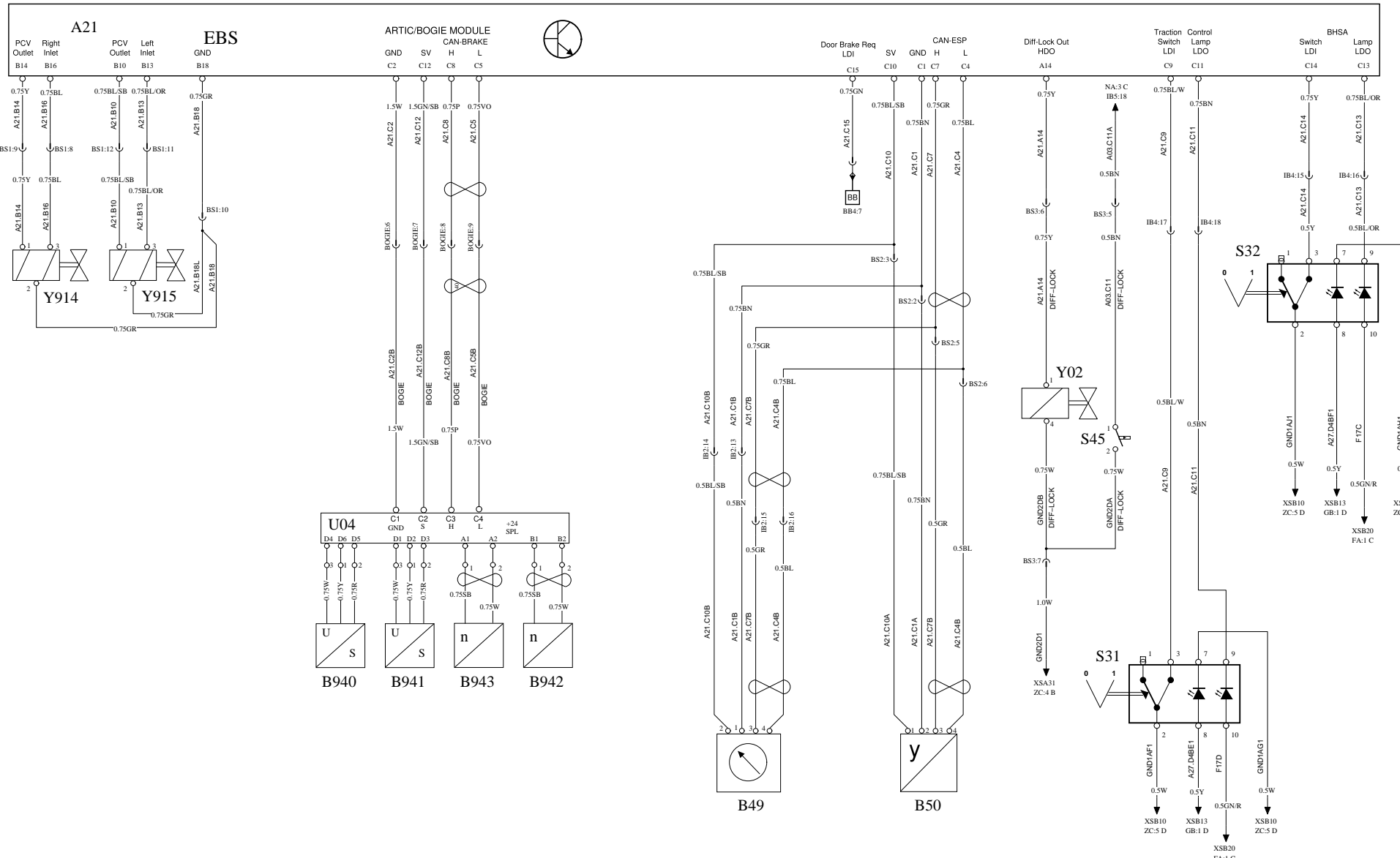




EBS

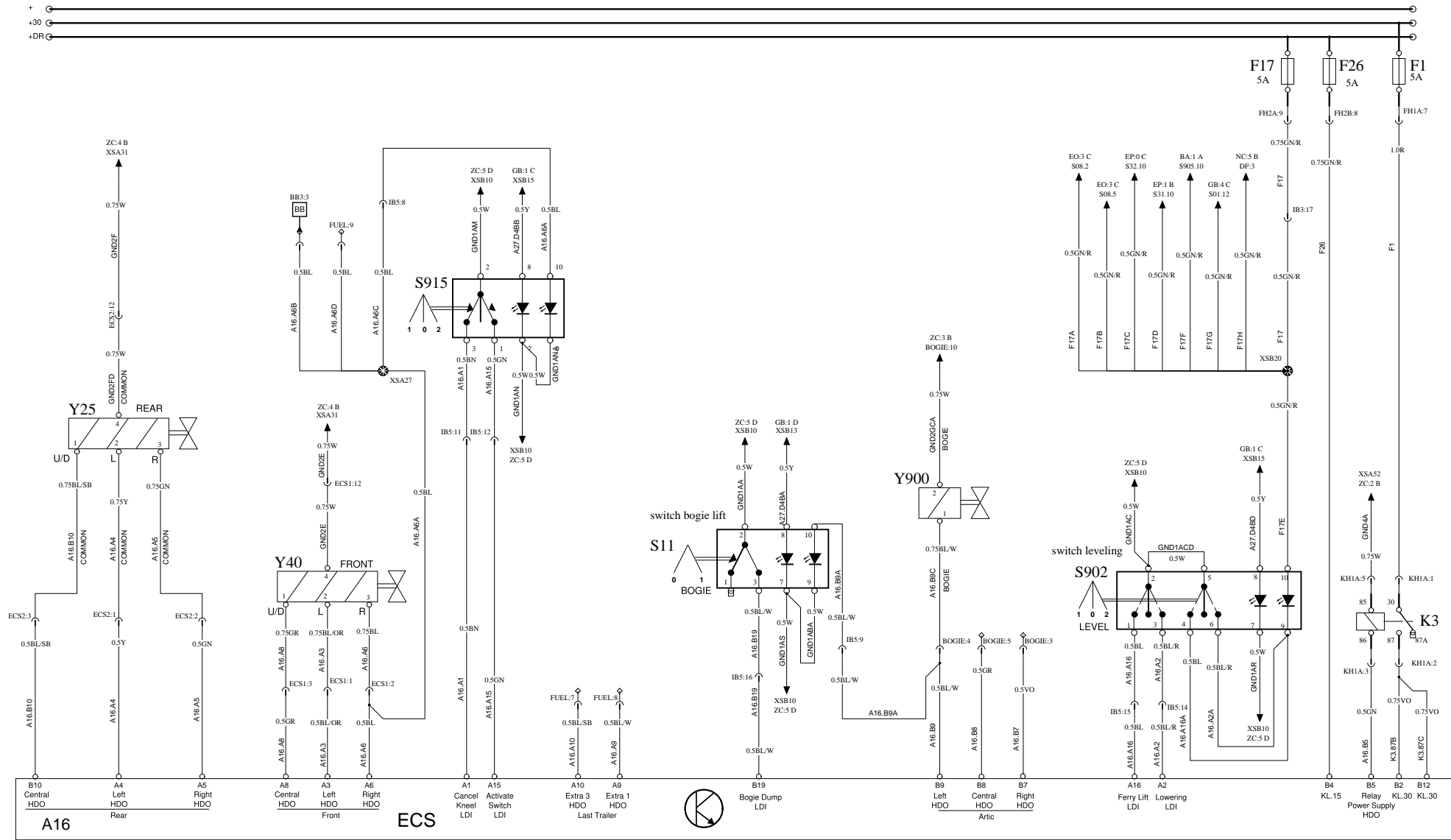
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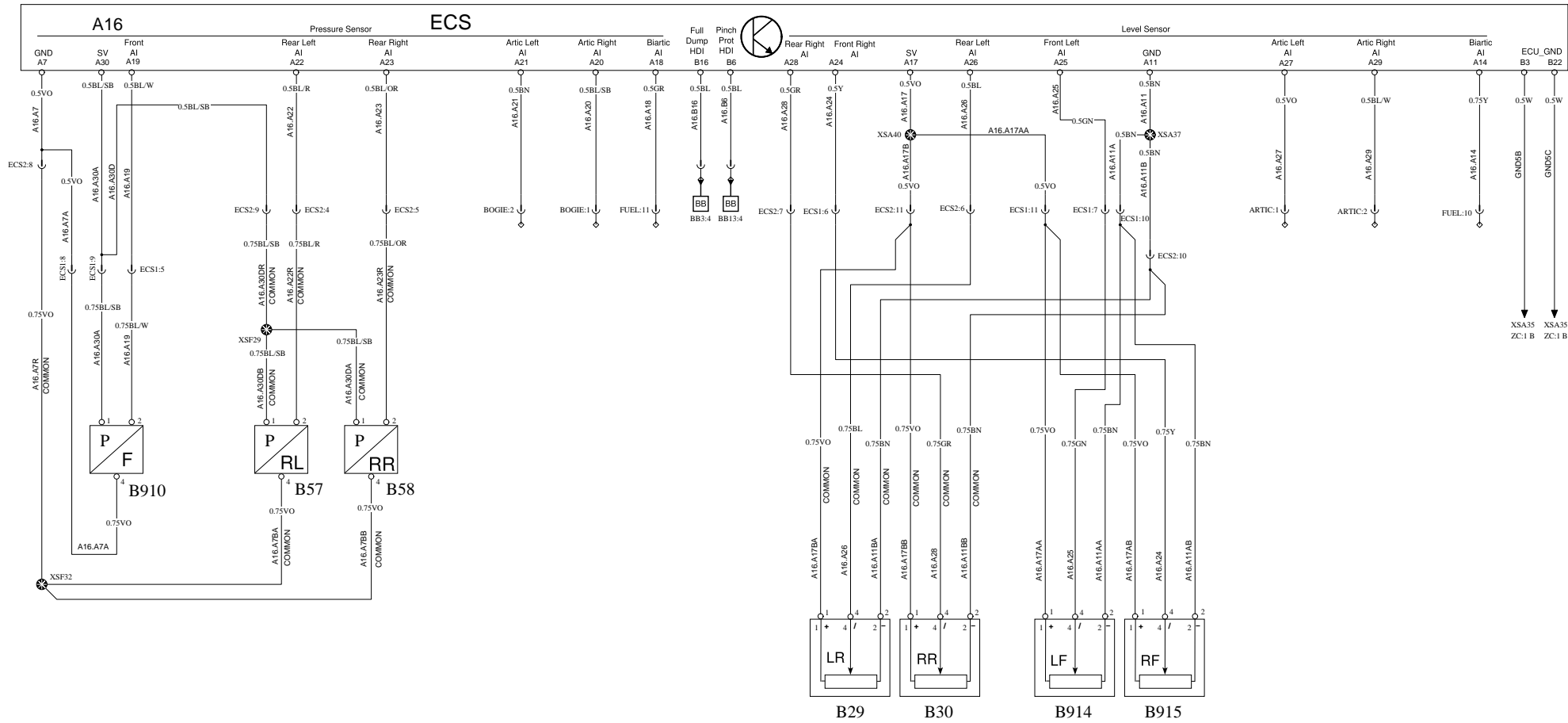
AIR SUSPENSION ECS

WIRING DIAGRAM FA



AIR SUSPENSION ECS

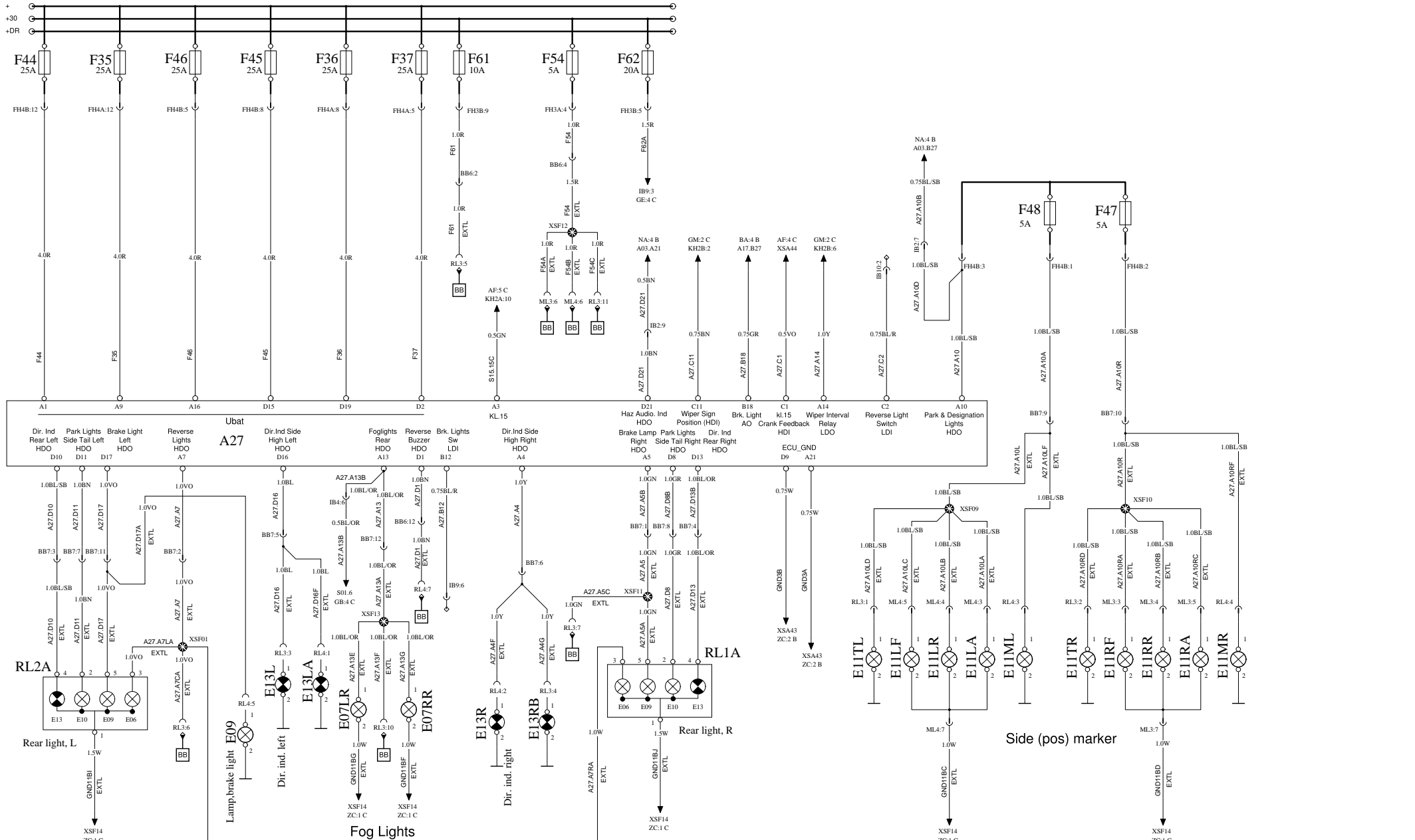
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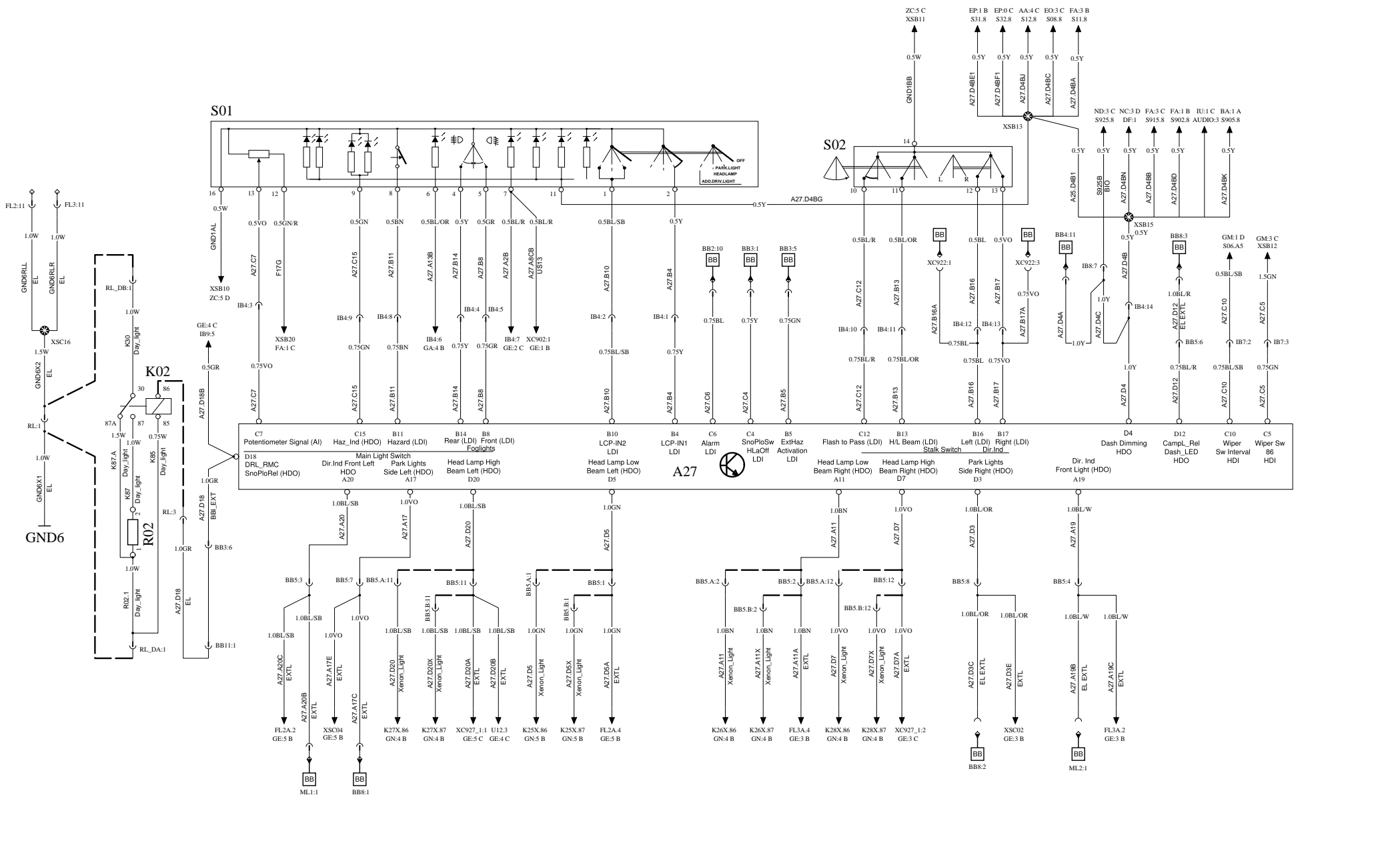


LCM

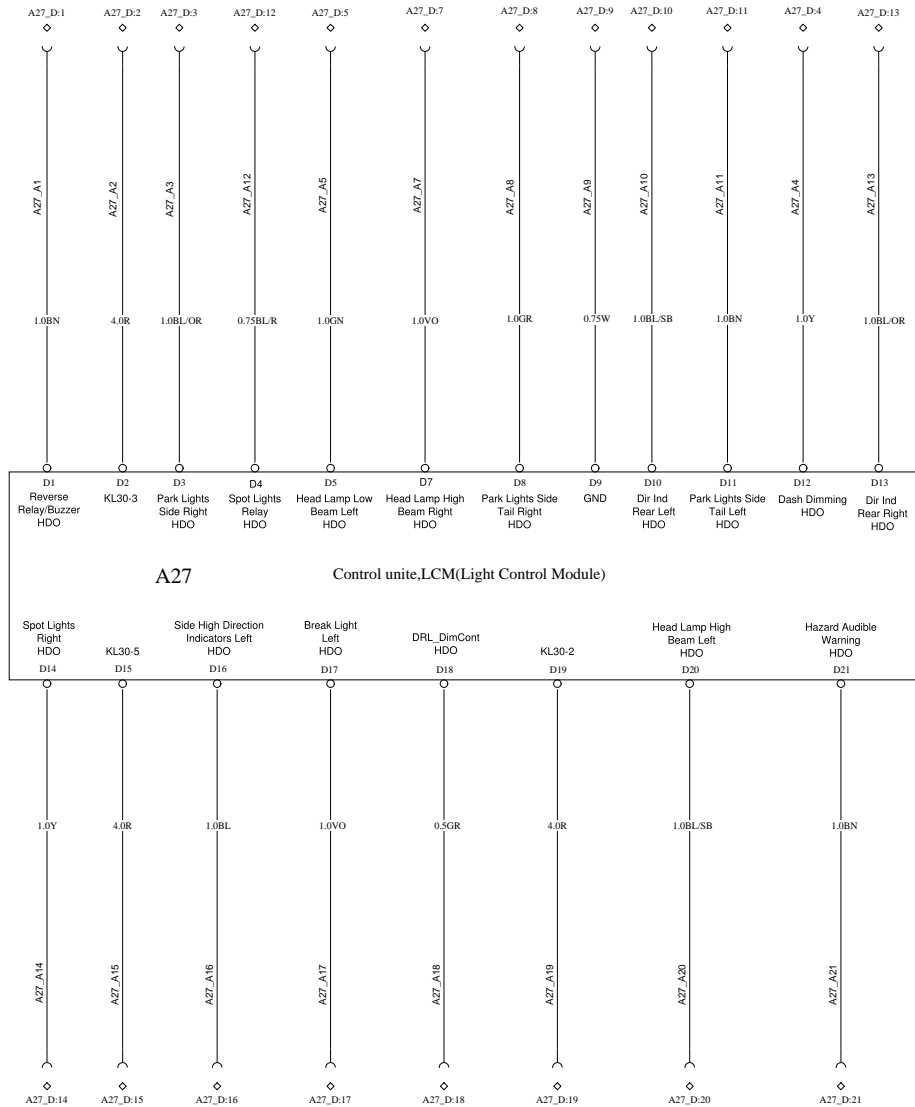
REAR LIGHTS

WIRING DIAGRAM GA





TO BE CONNECTED INTO ELECTRICAL CENTER WIRING HARNESS



ADAPTER TO BE USED ON SLCM8 FOR OBD13 BUSES.

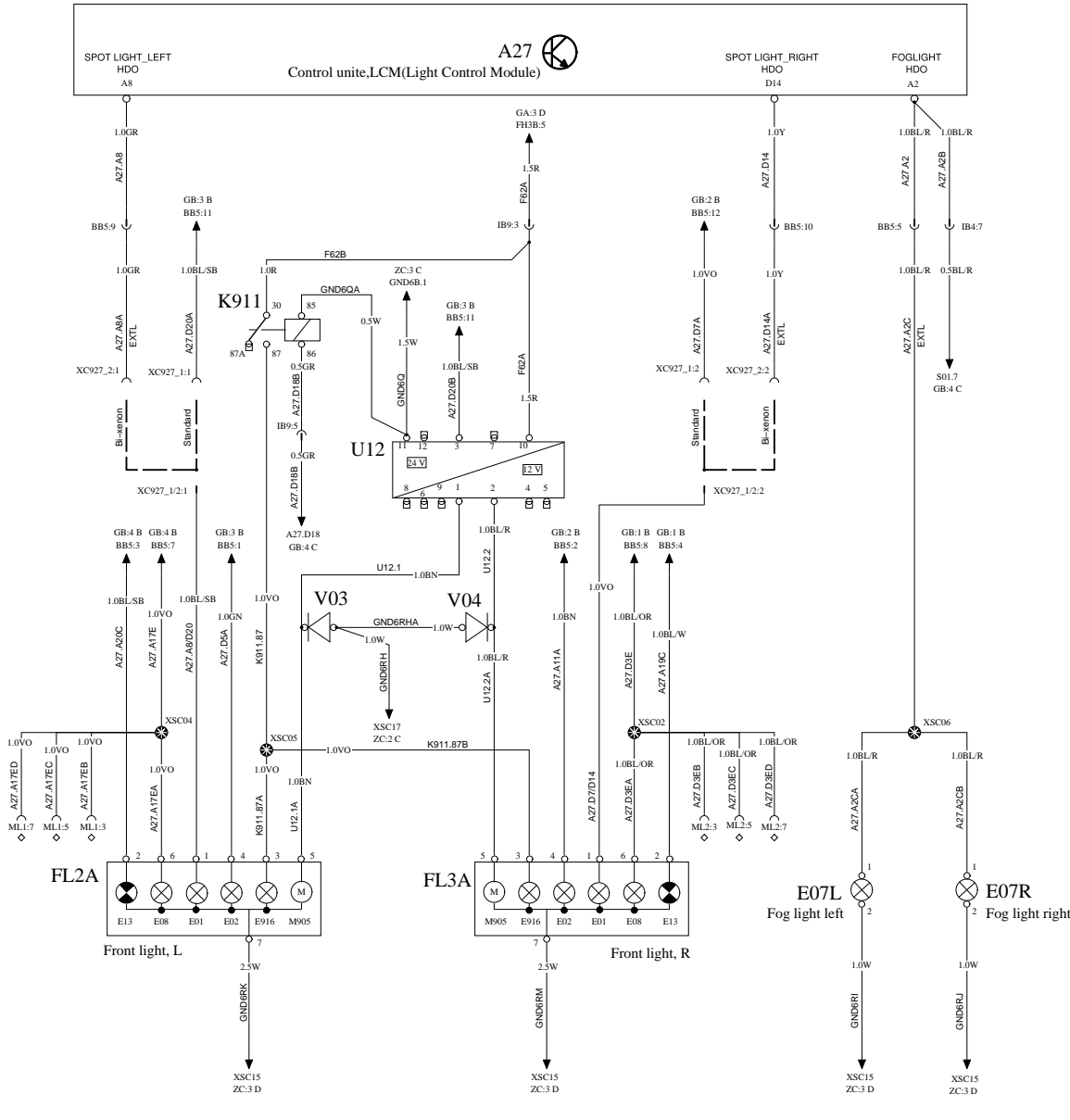
TO BE CONNECTED INTO ELECTRICAL CENTER WIRING HARNESS

LCM
FRONT LIGHT

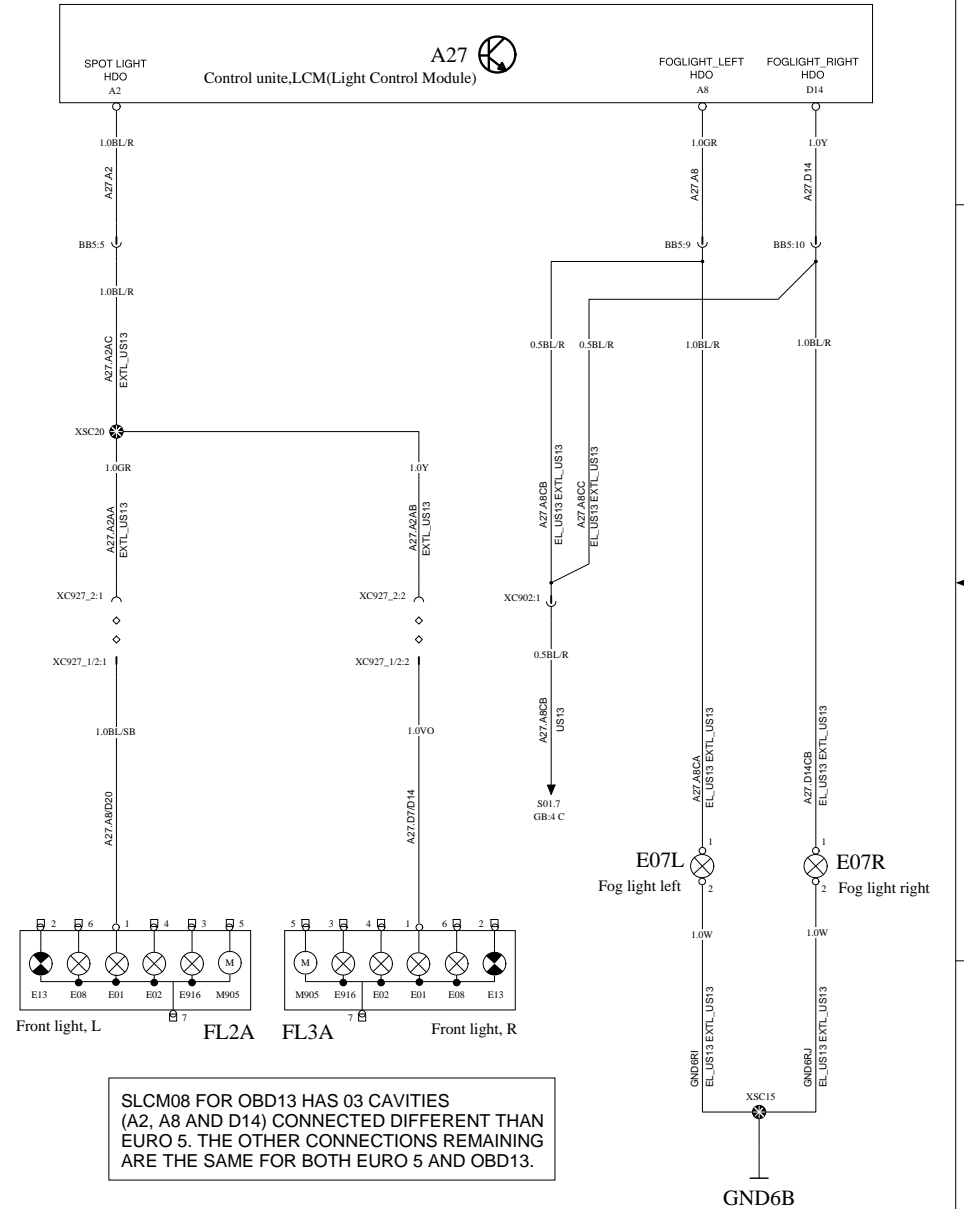
BI-XENON LIGHT

WIRING DIAGRAM GE

SLCM FOR EURO 5



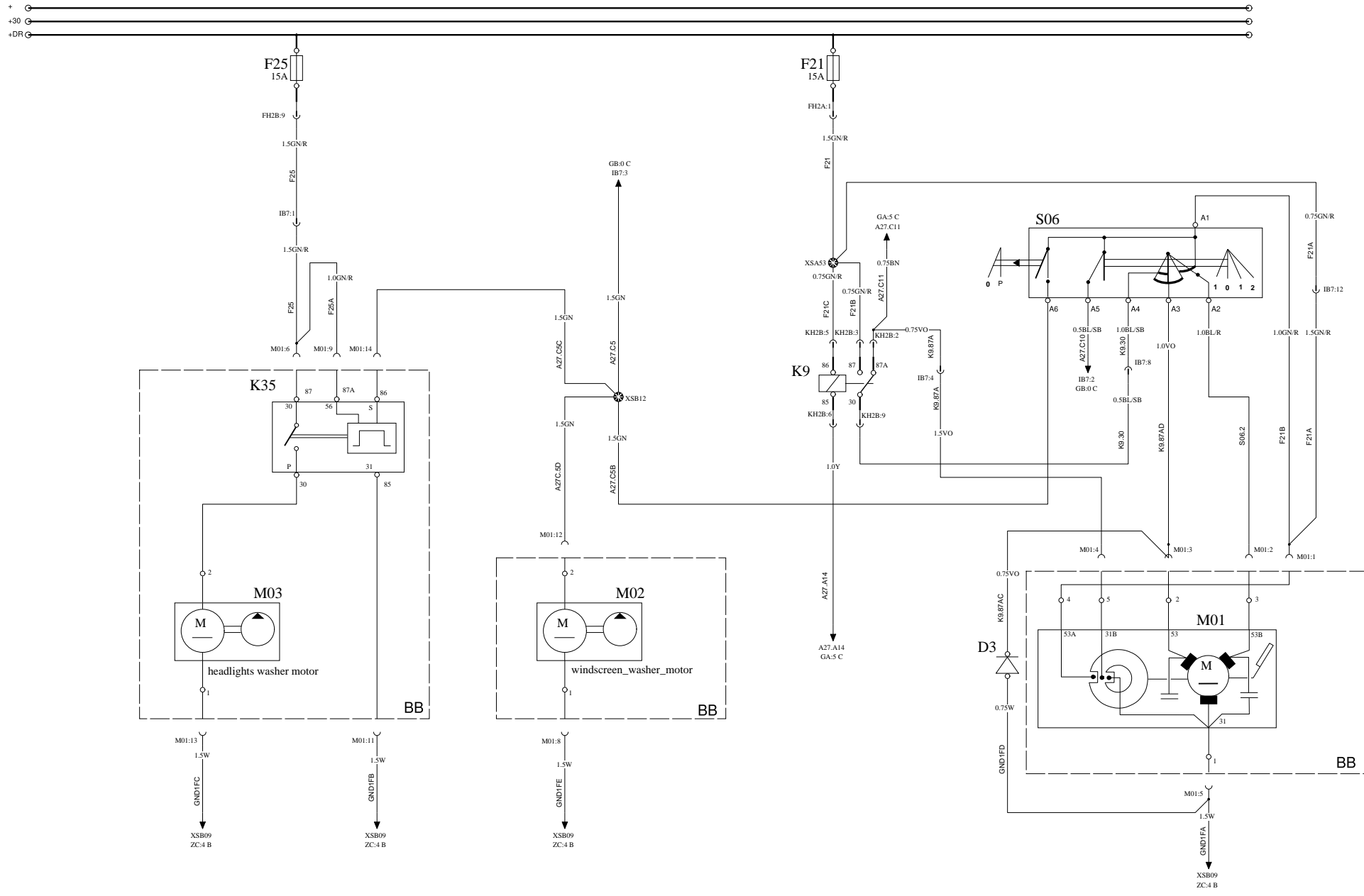
SLCM08 FOR OBD13

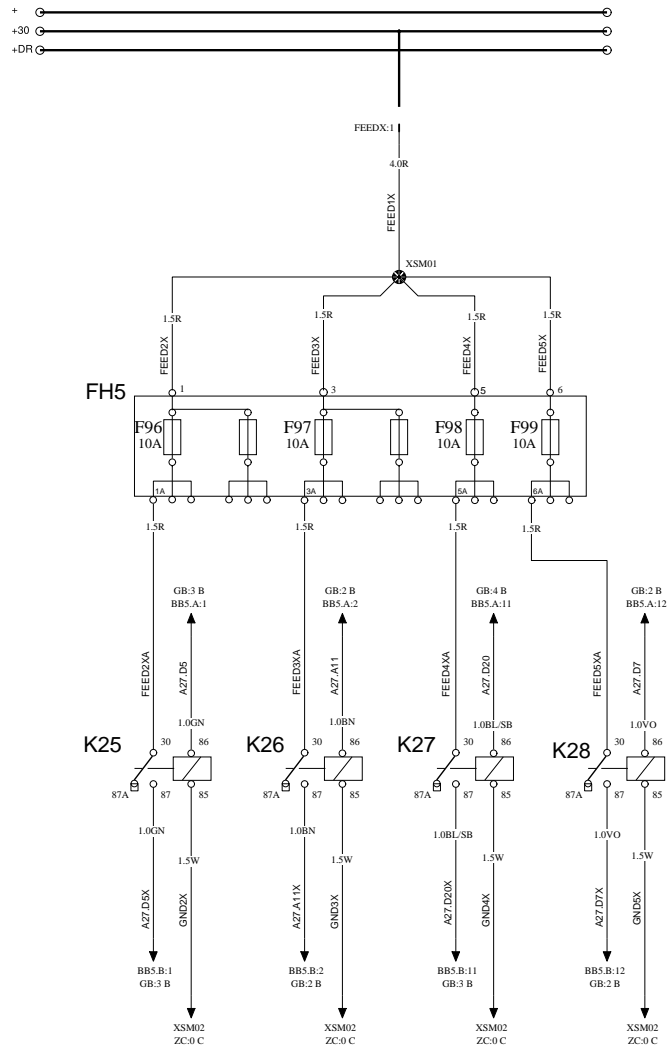


SLCM08 FOR OBD13 HAS 03 CAVITIES (A2, A8 AND D14) CONNECTED DIFFERENT THAN EURO 5. THE OTHER CONNECTIONS REMAINING ARE THE SAME FOR BOTH EURO 5 AND OBD13.

WIPER, WASHER

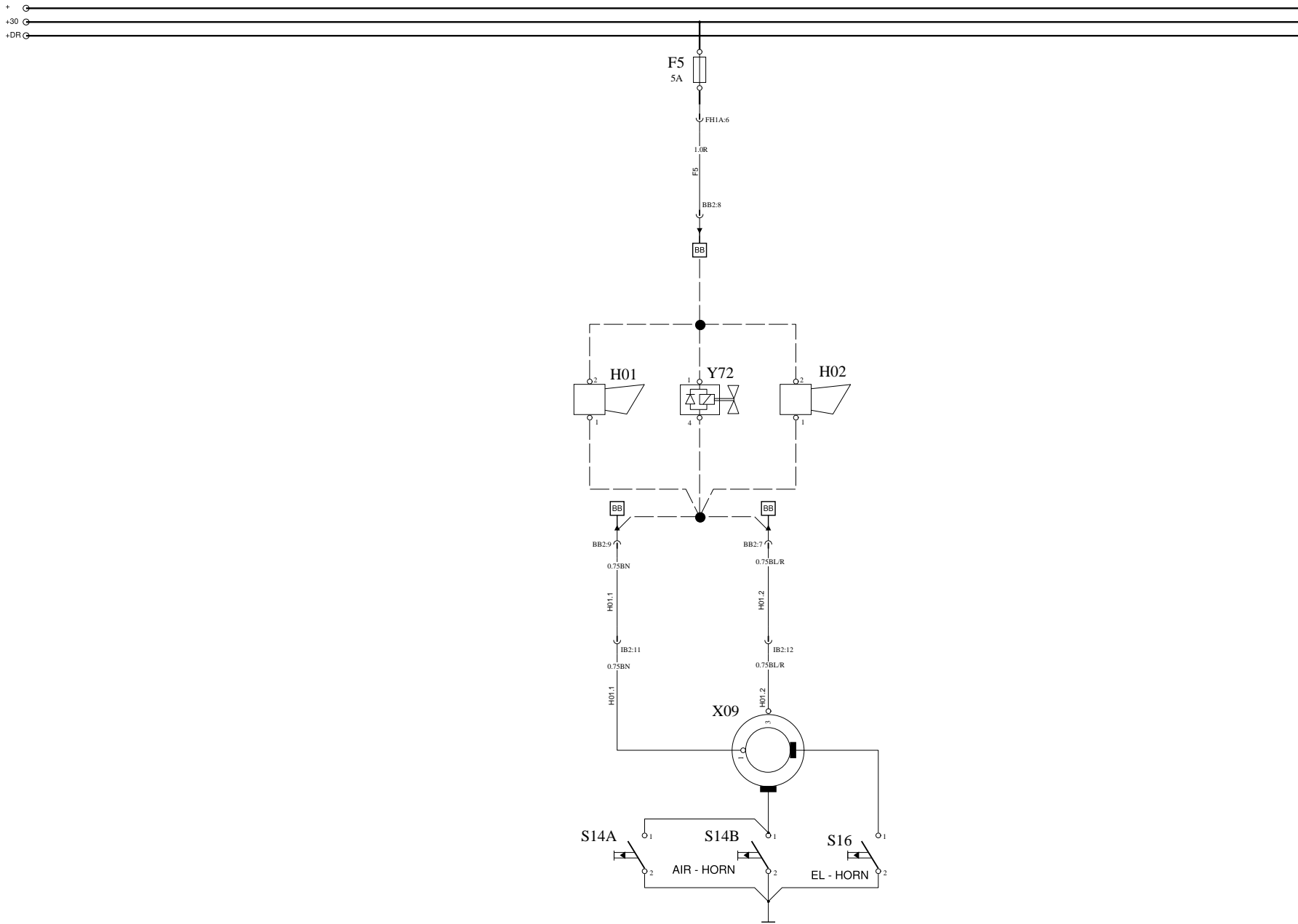
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HORN, SWM

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PRODUCT SCHEMATIC

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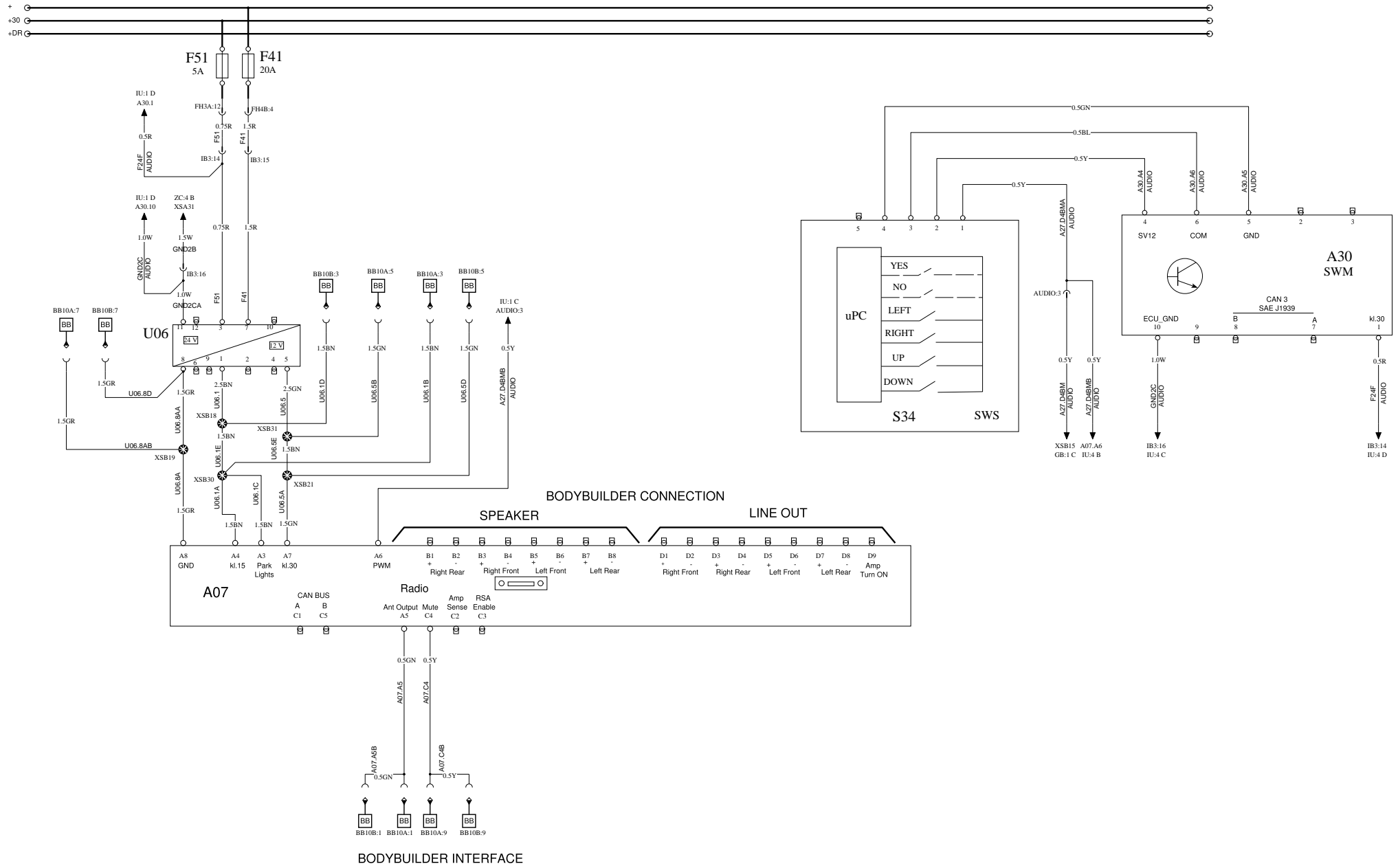
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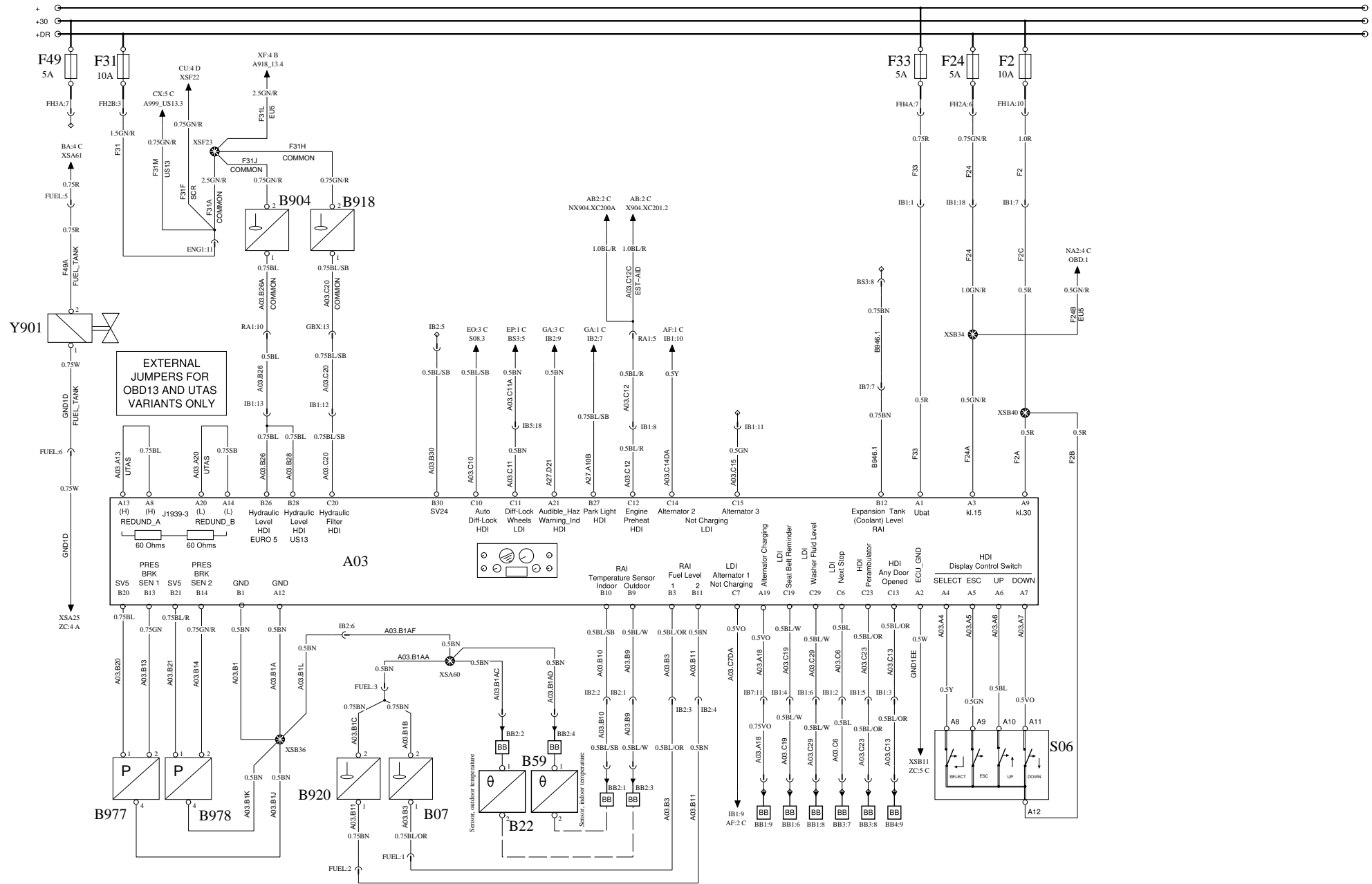
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WIRING DIAGRAM IU



BUS INSTRUMENT CLUSTER BIC2

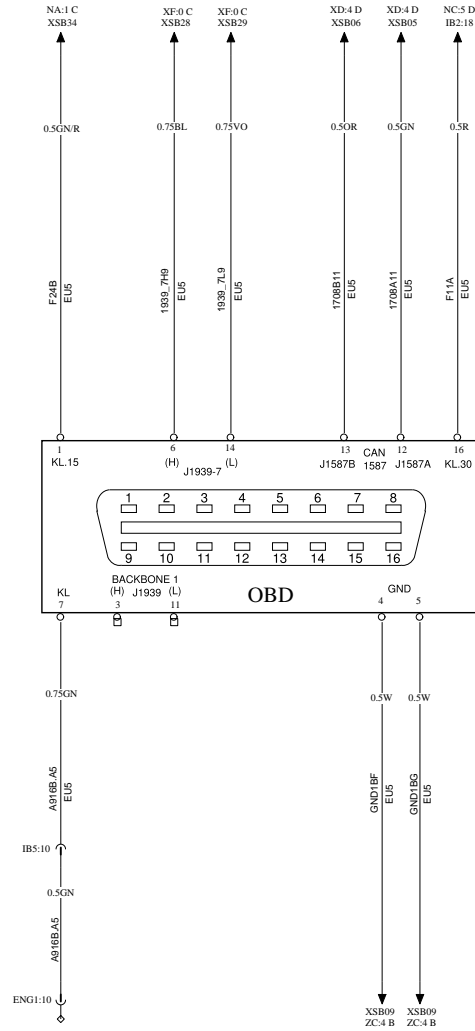
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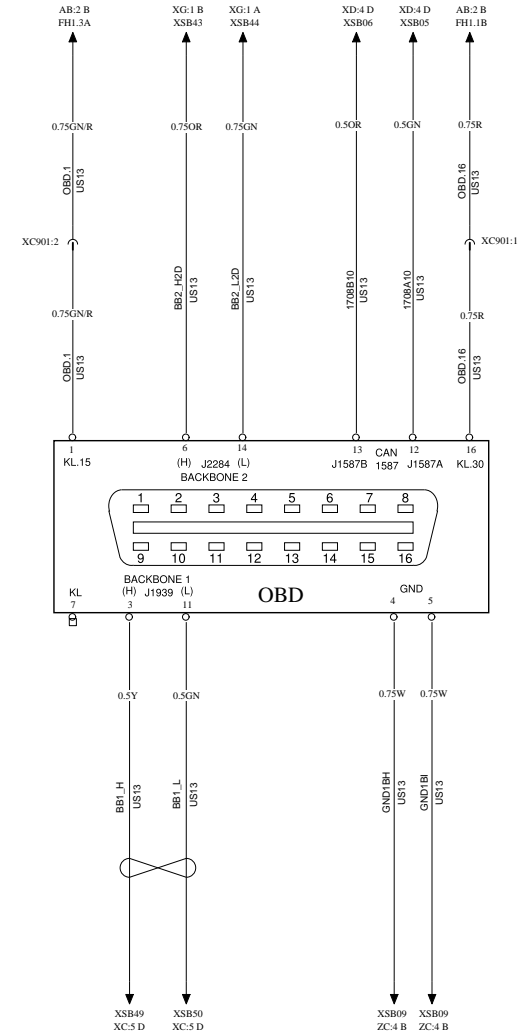
OBD, ON BOARD DIAGNOSTICS

WIRING DIAGRAM NA2

CONNECTIONS FOR EURO 5



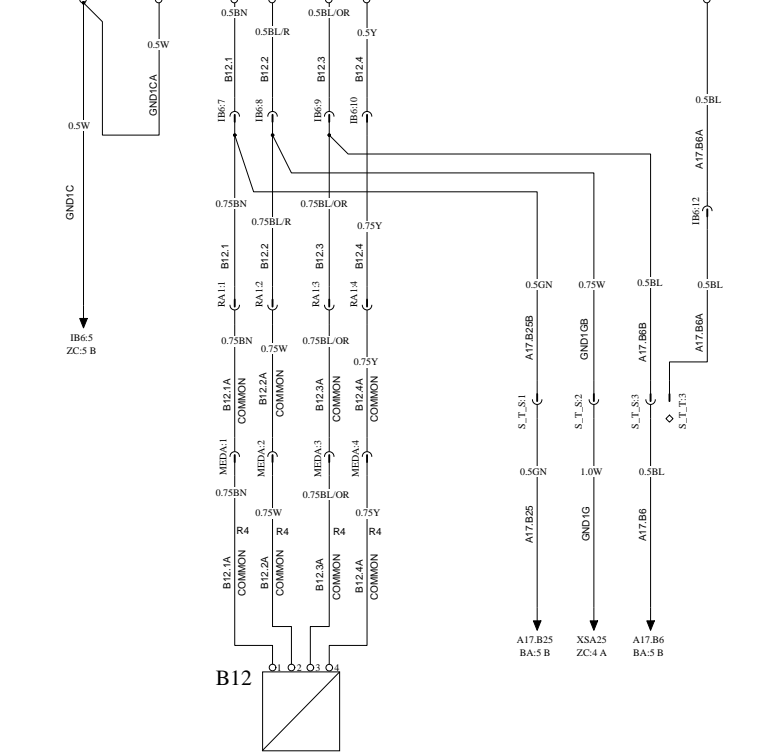
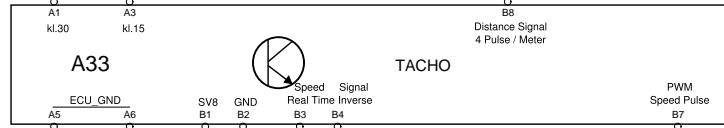
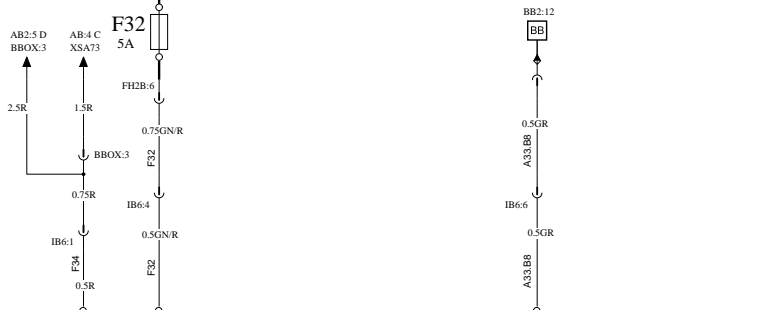
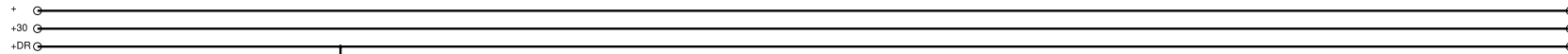
CONNECTIONS FOR OBD13



TACHOGRAPH

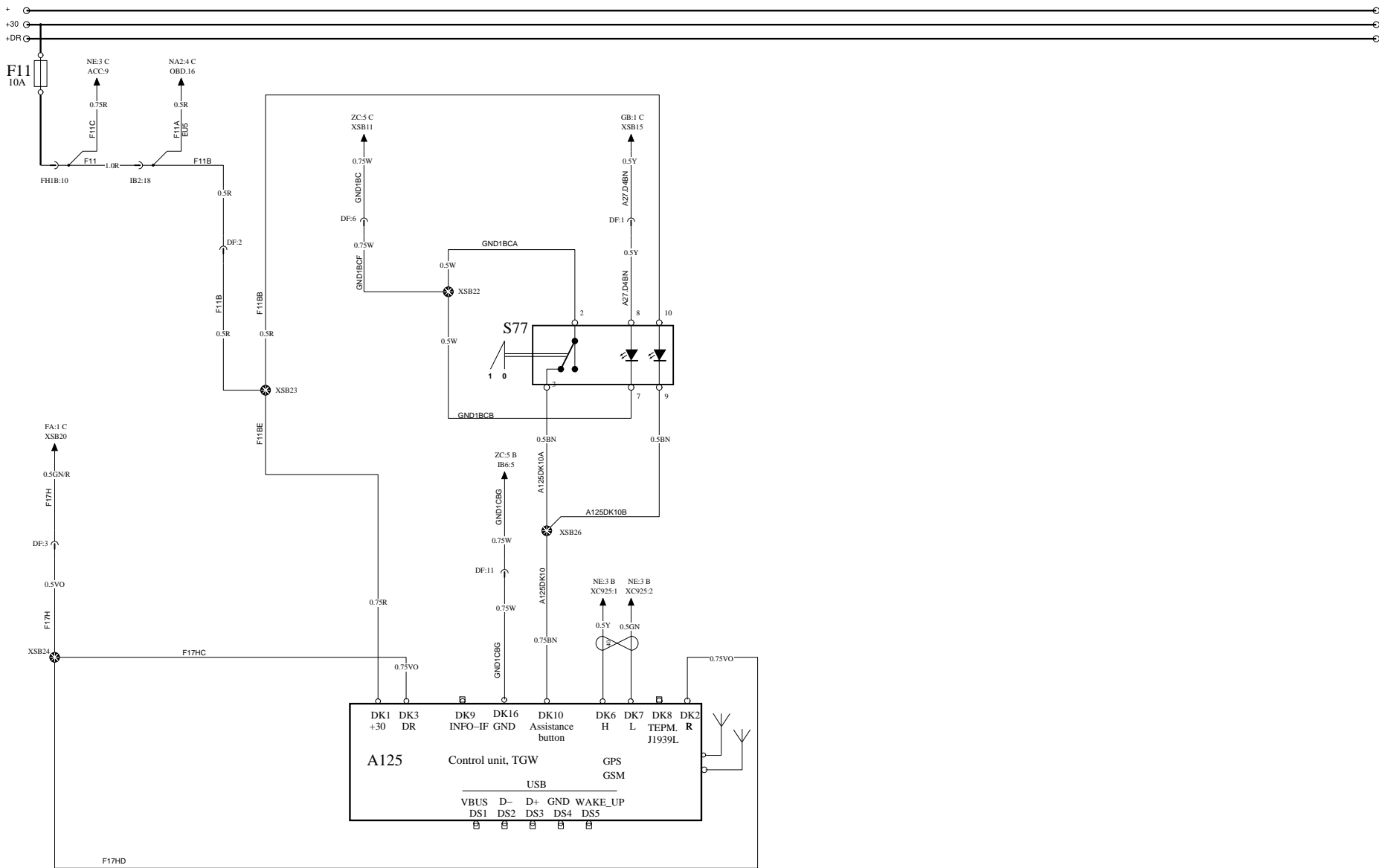
EURO 5

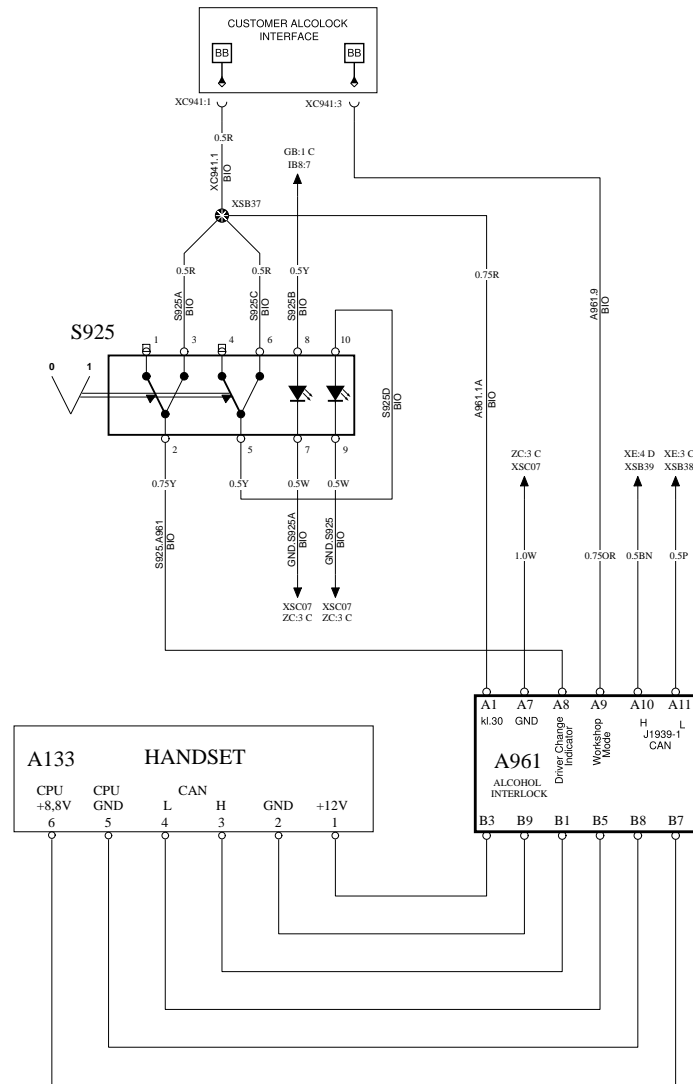
WIRING DIAGRAM NB



Sensor,tachograph/speedometer

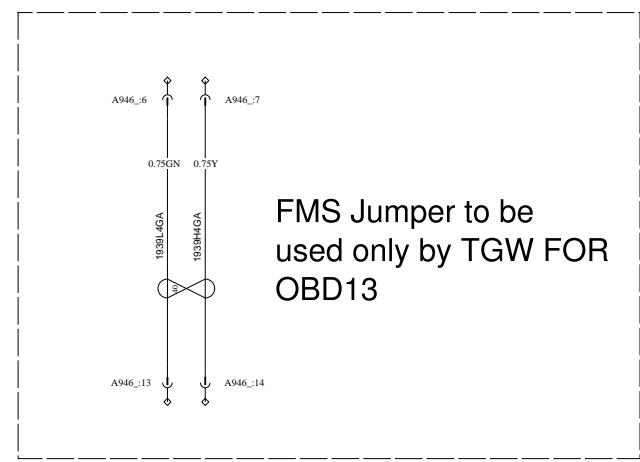
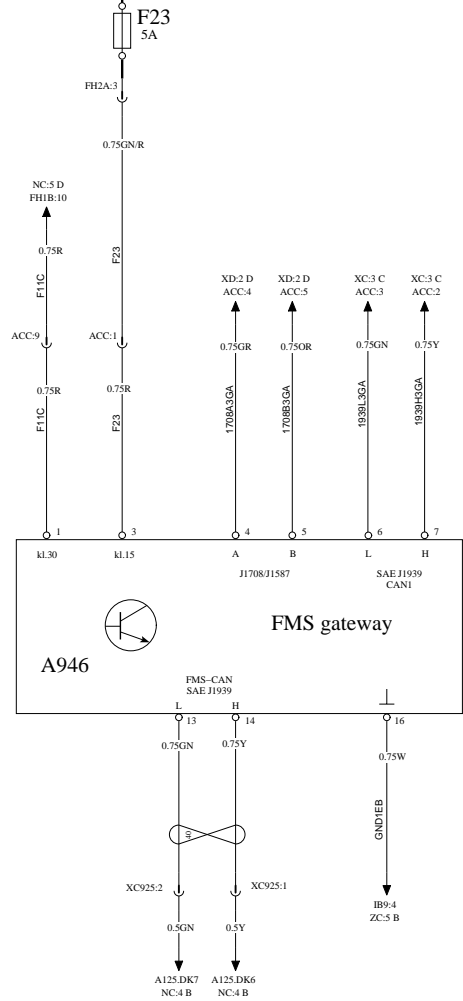
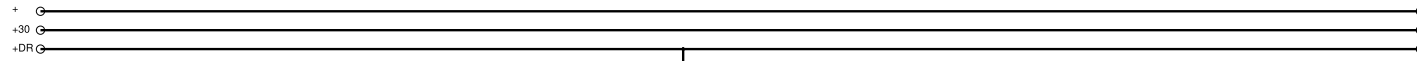
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FMS GATEWAY

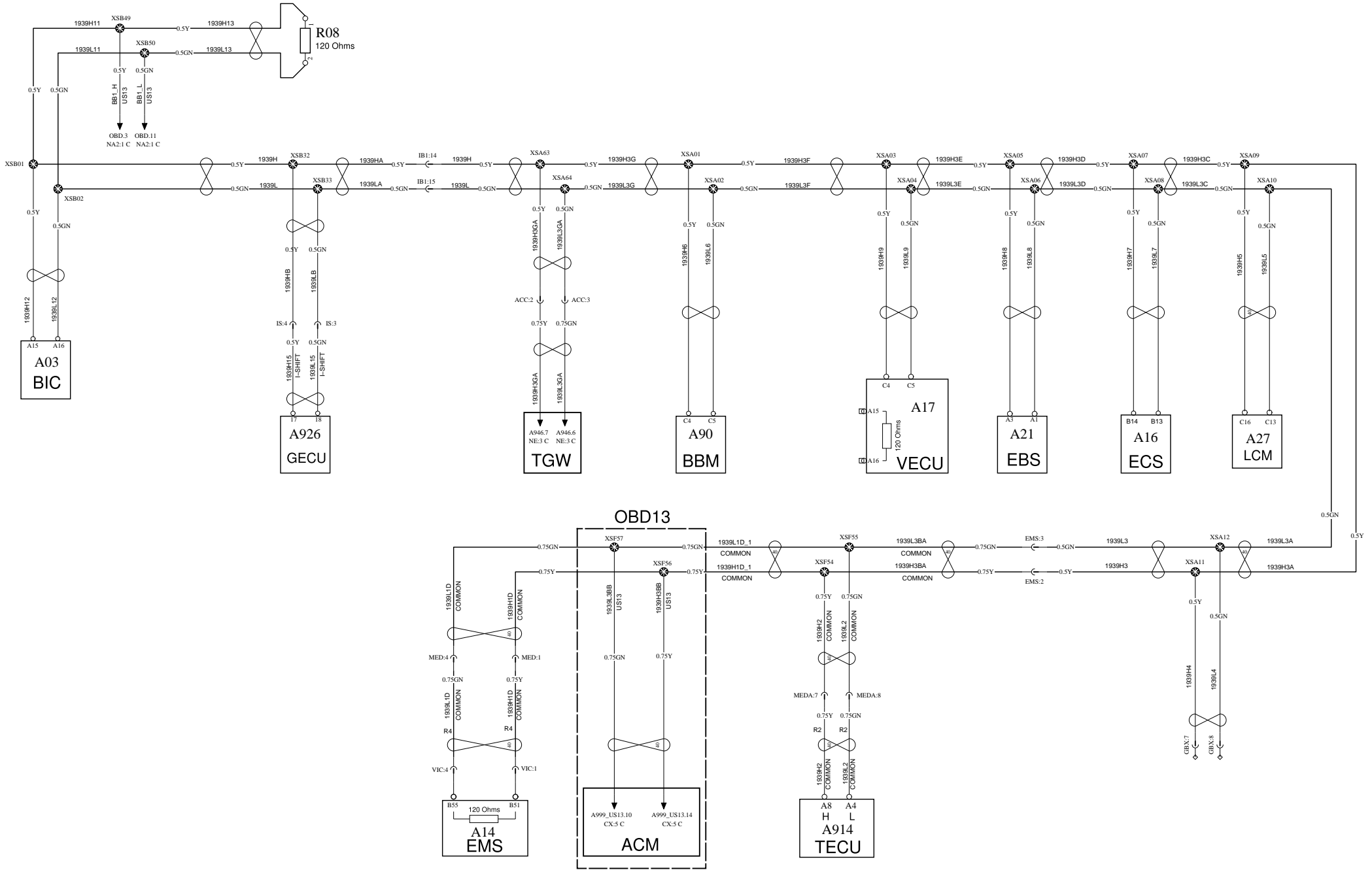
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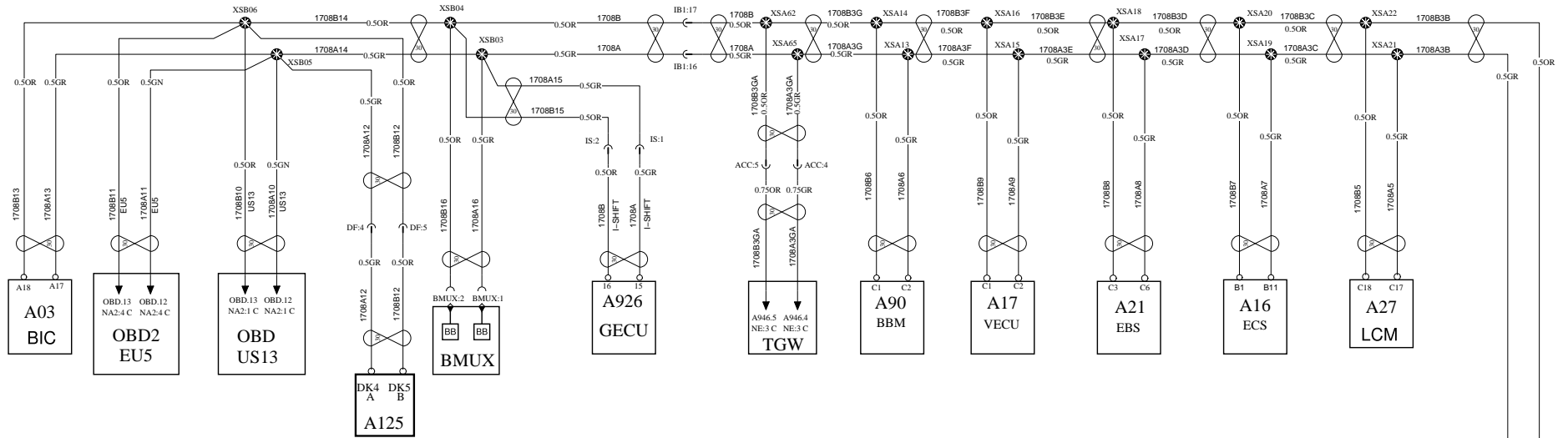


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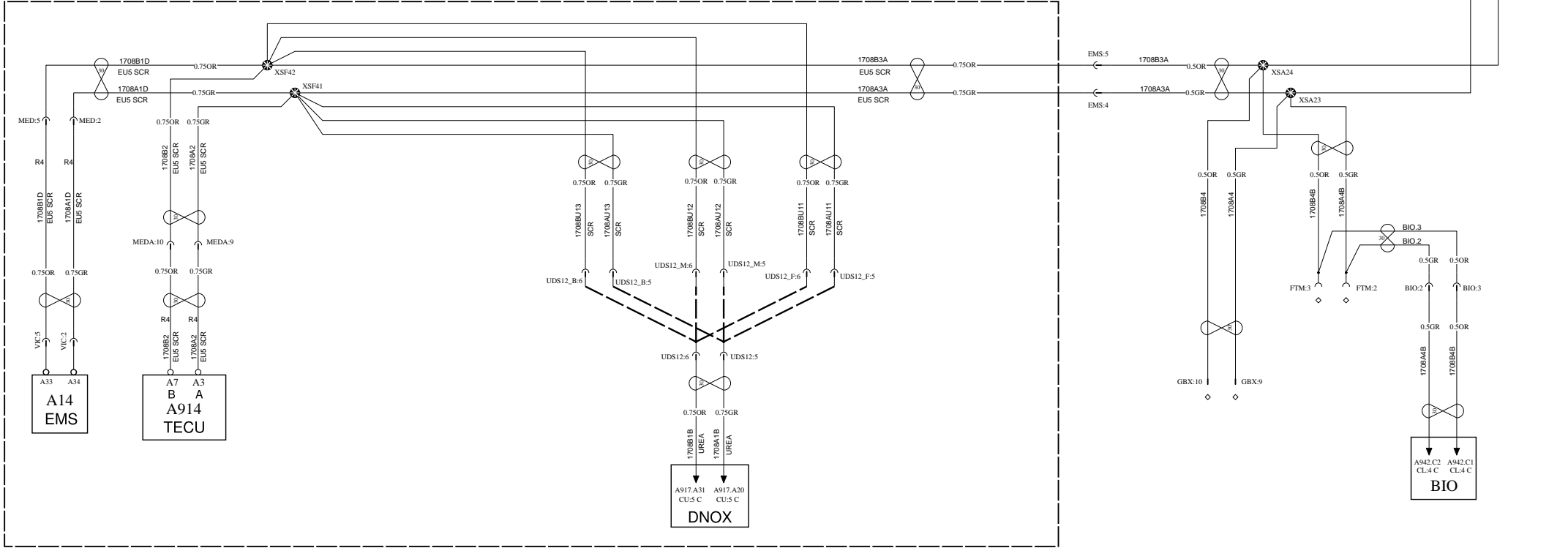
BACKBONE 1

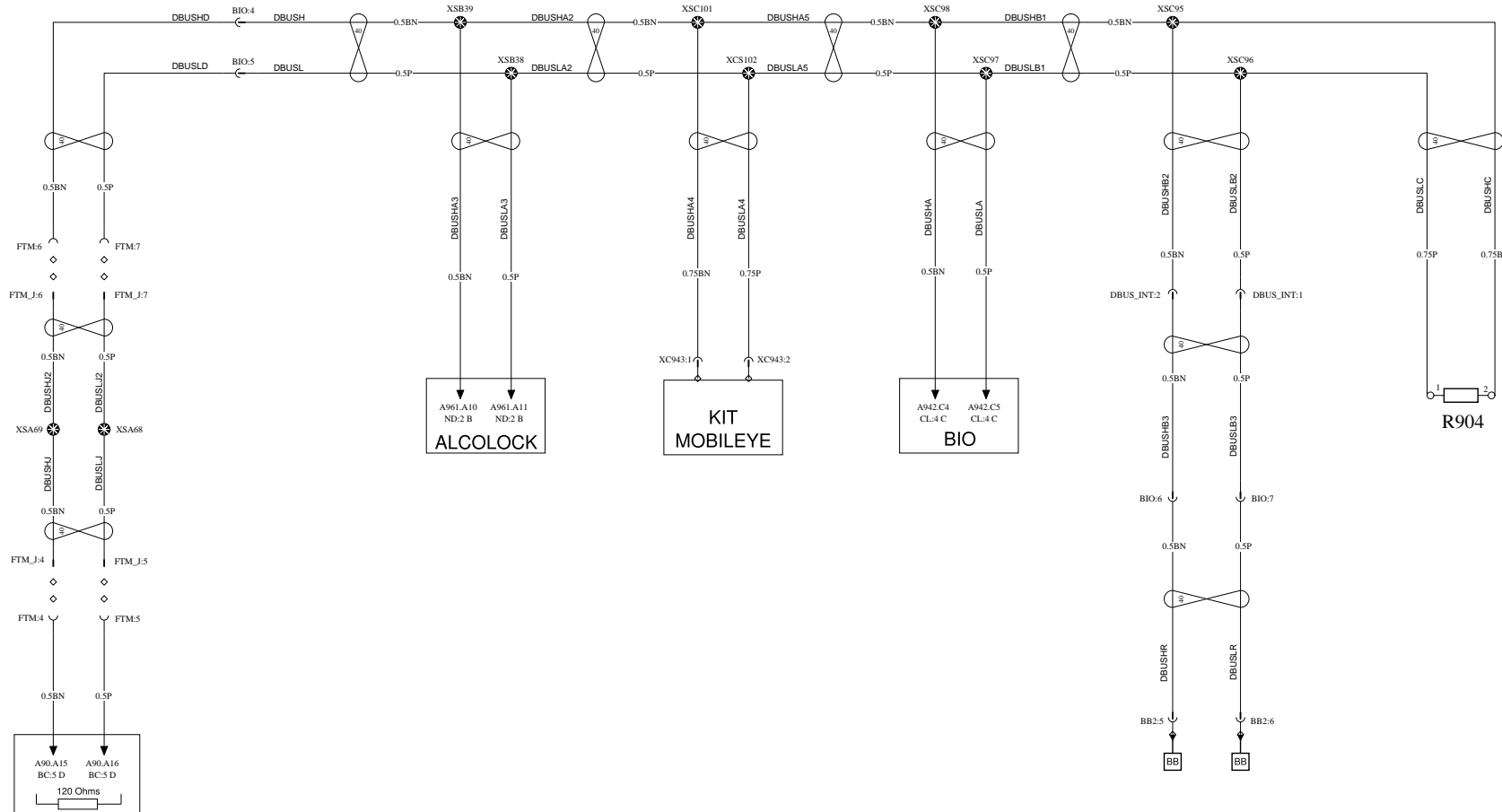
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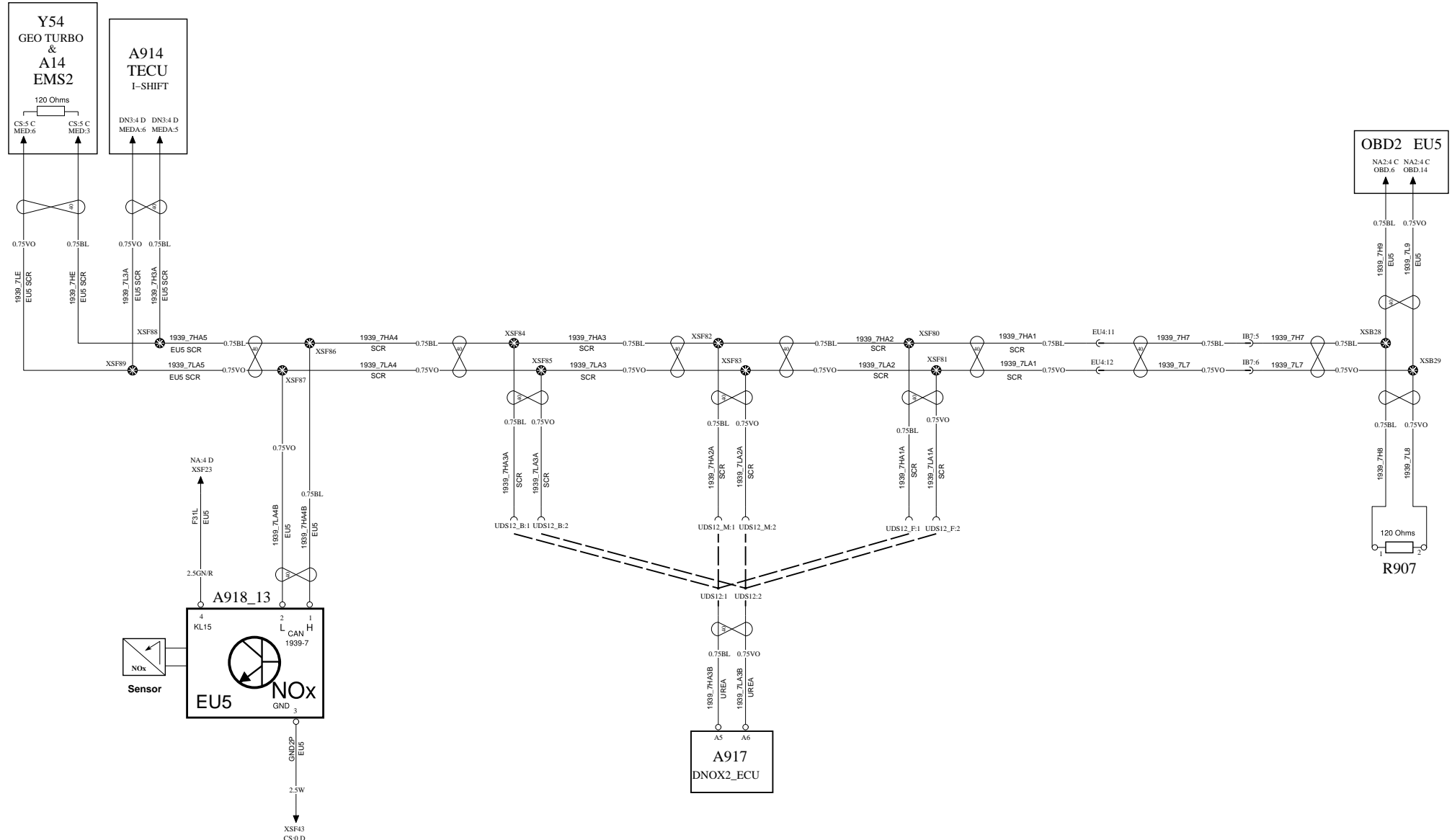


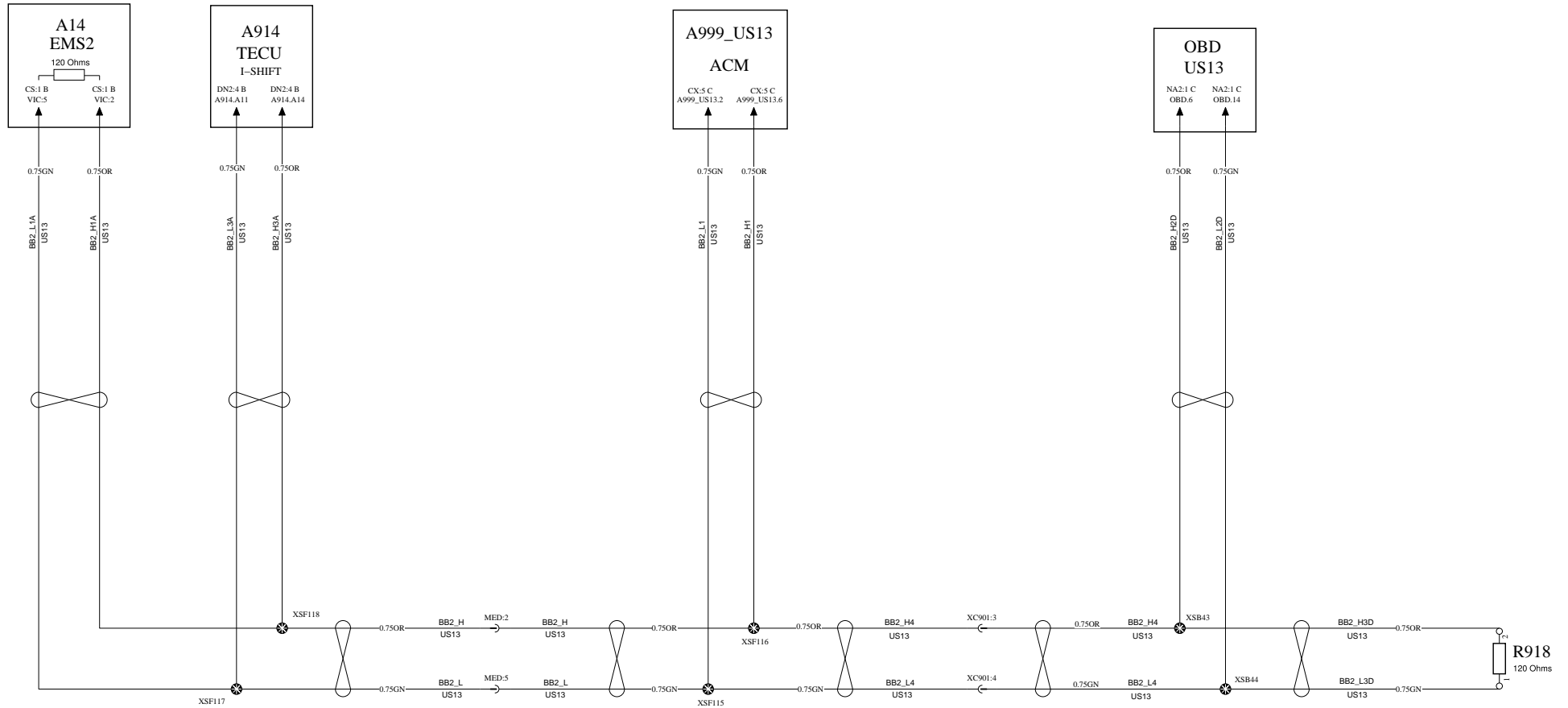


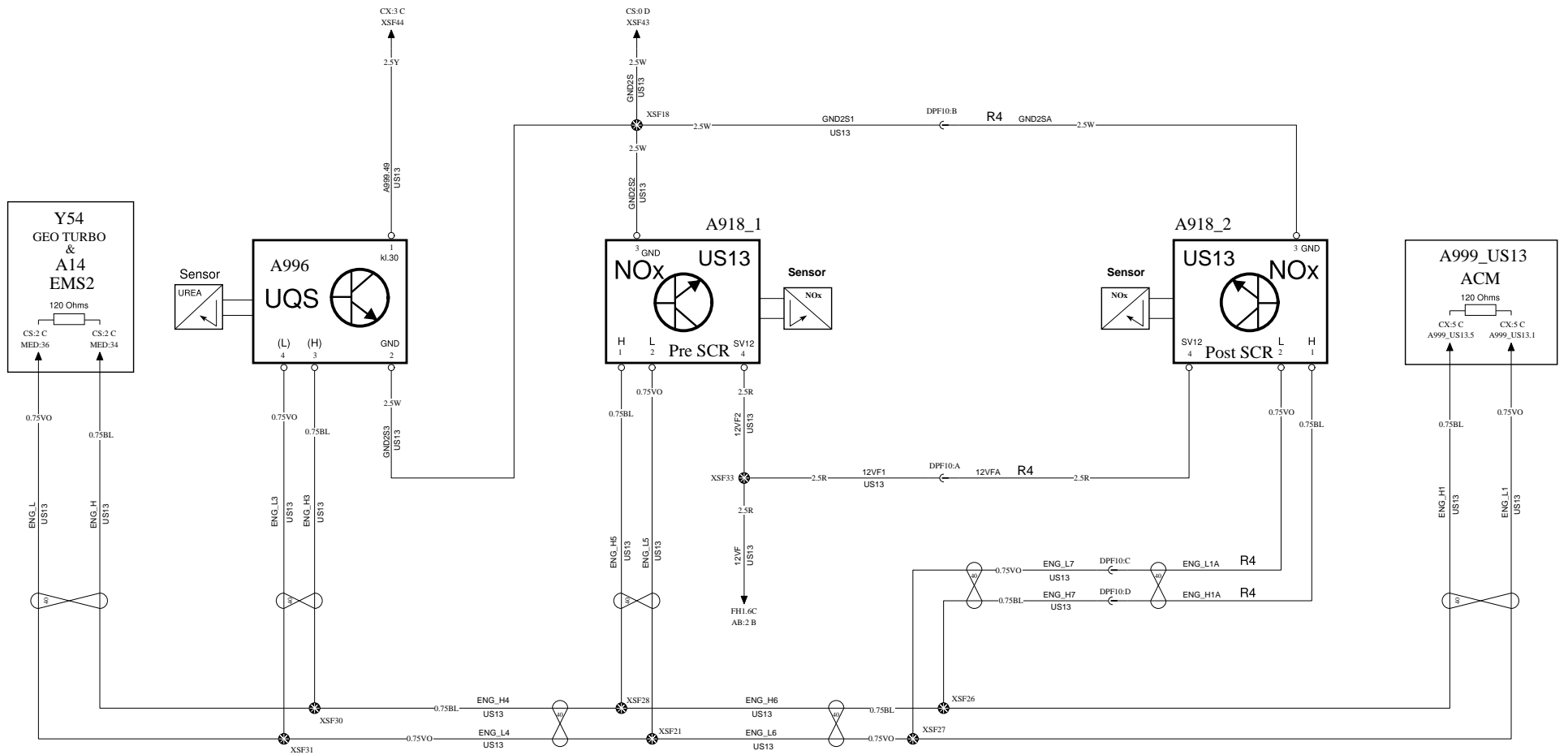
EURO 5

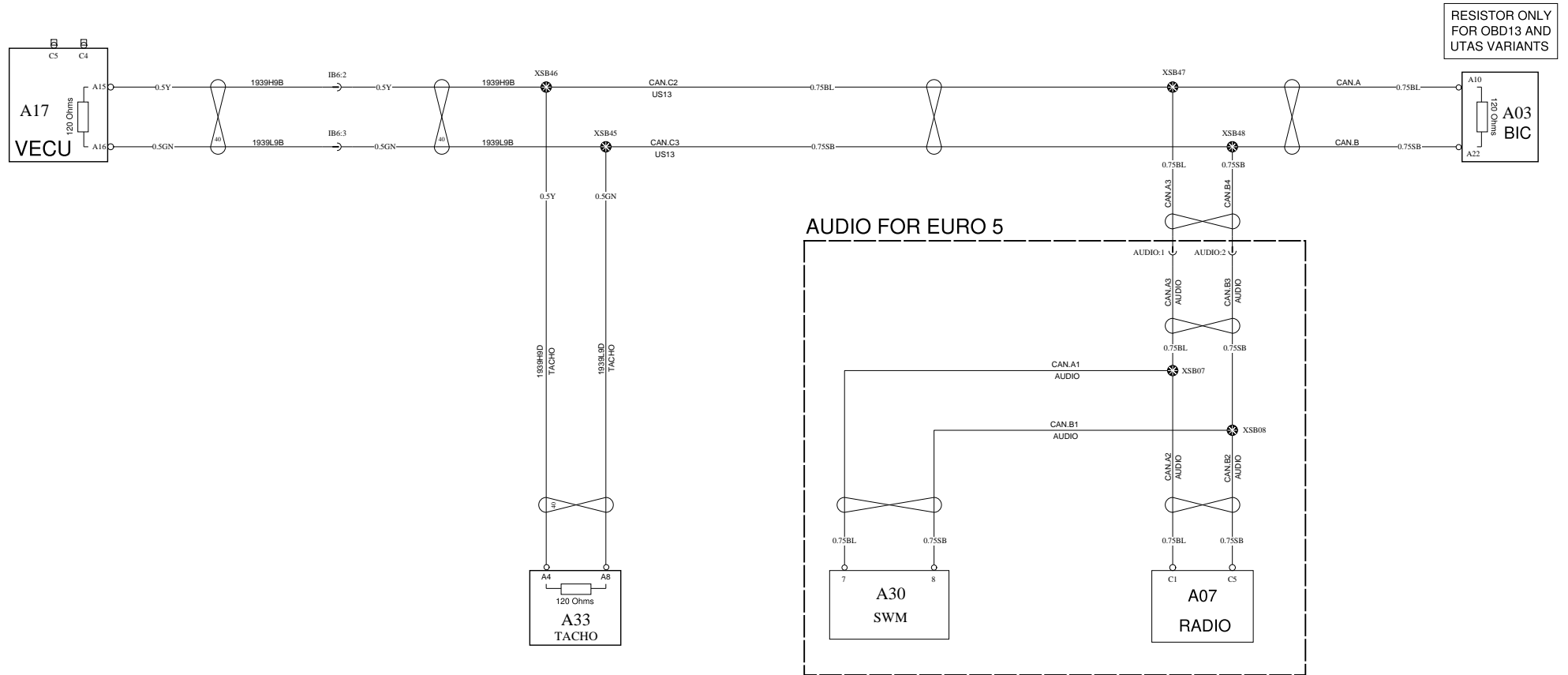










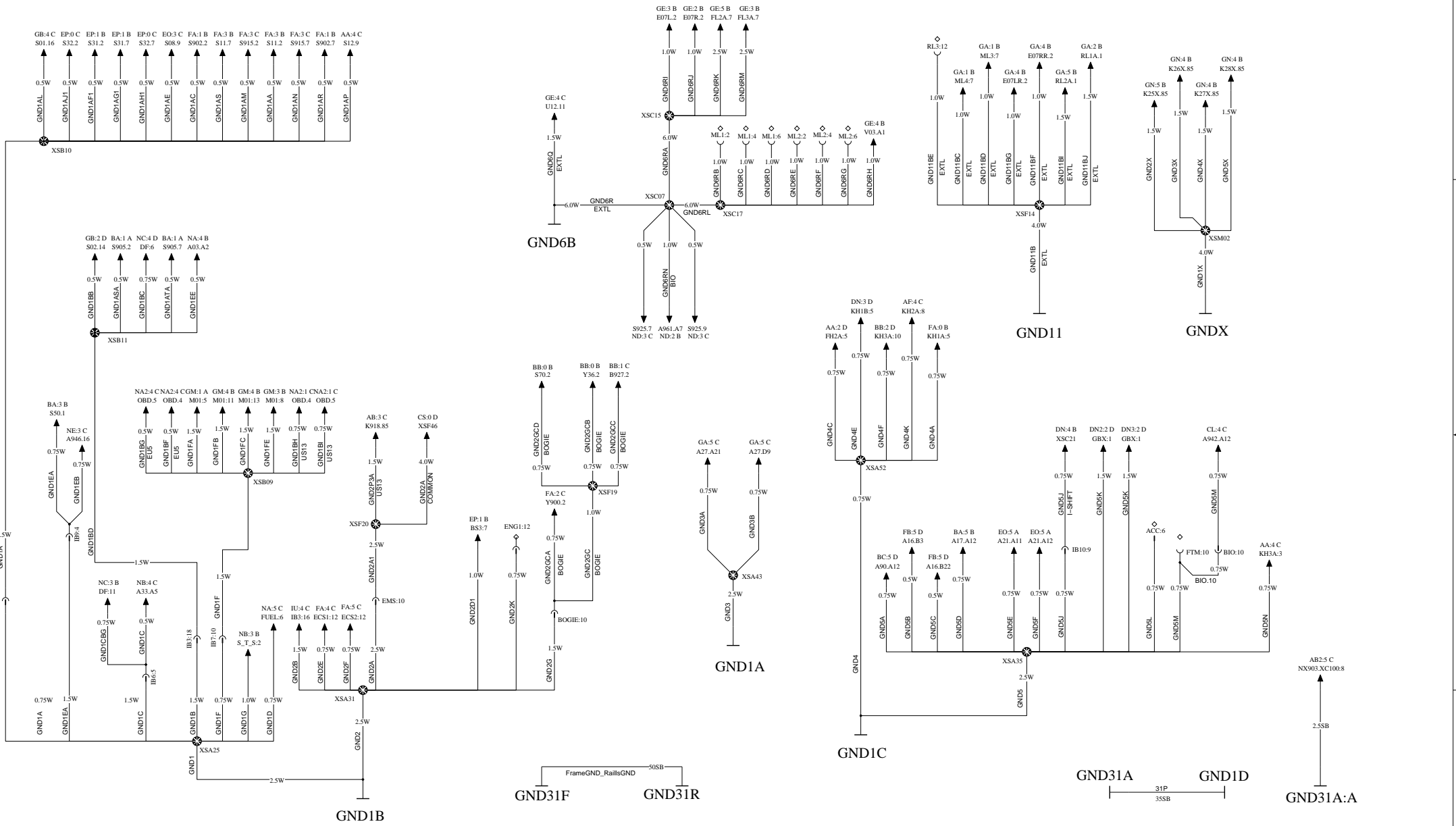


RESISTOR ONLY FOR OBD13 AND UTAS VARIANTS

AUDIO FOR EURO 5

GROUND

WIRING DIAGRAM ZC



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BILL OF MATERIAL/COMPONENT LIST

Part Name	Description	Location	Part Type
+30:1		{AB 3 D} {AB2 2 D}	inline_connector
+B:1		{AB 5 D} {AB2 5 D}	inline_connector
30UA:1		{CU 1 B}	componentSymbol
30UB:1		{CU 1 B}	componentSymbol
A03	Instrument cluster	{NA 4 B}	componentSymbol
A03	Instrument cluster	{XC 5 C} {XD 5 C} {XJ 1 C}	componentSymbol
A07	Radio	{IU 4 B}	componentSymbol
A07	Radio	{XJ 1 A}	componentSymbol
A14	Control unit EMS	{XC 3 A} {XD 5 B}	componentSymbol
A16	ECS	{FA 5 B} {XC 1 C} {XD 1 C} {FB 5 D}	componentSymbol
A17	VECU	{BA 5 B} {XC 2 C} {XD 2 C} {XJ 5 C}	componentSymbol
A19	Control unit,GECU(gear selector ECU)	{DN 4 B}	componentSymbol
A21	EBS	{XC 1 C} {EO 5 A} {XD 1 C} {EP 5 D}	componentSymbol
A27	Control unite,LCM(Light Control Module)	{GA 5 C} {GB 4 C} {XD 1 D} {GE 1 D} {GE 4 D}	componentSymbol
A27	Control unite,LCM(Light Control Module)	{GC 4 C}	componentSymbol
A27_D:1	Direction indicator.Rear right	{GC 4 D}	inline_connector
A27_D:2	Direction indicator.Rear right	{GC 4 D}	inline_connector
A27_D:3	Direction indicator.Rear right	{GC 4 D}	inline_connector
A27_D:4	Direction indicator.Rear right	{GC 2 D}	inline_connector
A27_D:5	Direction indicator.Rear right	{GC 3 D}	inline_connector
A27_D:7	Direction indicator.Rear right	{GC 3 D}	inline_connector
A27_D:8	Direction indicator.Rear right	{GC 3 D}	inline_connector
A27_D:9	Direction indicator.Rear right	{GC 3 D}	inline_connector
A27_D:10	Direction indicator.Rear right	{GC 2 D}	inline_connector

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Document Title

WIRING DIAGRAM

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Part Name	Description	Location	Part Type
A27_D:11	Direction indicator.Rear right	{GC 2 D}	inline_connector
A27_D:12	Direction indicator.Rear right	{GC 4 D}	inline_connector
A27_D:13	Direction indicator.Rear right	{GC 2 D}	inline_connector
A27_D:14	Direction indicator.Rear right	{GC 4 A}	inline_connector
A27_D:15	Direction indicator.Rear right	{GC 4 A}	inline_connector
A27_D:16	Direction indicator.Rear right	{GC 4 A}	inline_connector
A27_D:17	Direction indicator.Rear right	{GC 3 A}	inline_connector
A27_D:18	Direction indicator.Rear right	{GC 3 A}	inline_connector
A27_D:19	Direction indicator.Rear right	{GC 3 A}	inline_connector
A27_D:20	Direction indicator.Rear right	{GC 2 A}	inline_connector
A27_D:21	Direction indicator.Rear right	{GC 2 A}	inline_connector
A30	Control unite,SWM(Steering Wheel Module)	{IU 1 D} {XJ 1 A}	componentSymbol
A33	TACHO	{NB 4 C} {XJ 3 B}	componentSymbol
A41	Body I/O Module 41	{CX 1 B} {DN3 3 B}	componentSymbol
A42	Component group transmission.Contains B26, Y21,Y22, Y23 and Y26.	{DN3 2 B} {DN2 2 B}	componentSymbol
A80	Air Dryer	{BA 2 A}	componentSymbol
A80.BY:1		{BA 2 B}	inline_connector
A80.BY:3		{BA 2 B}	inline_connector
A80.BY:4		{BA 1 A}	inline_connector
A90	BBM	{BB 5 A} {XC 2 C} {XD 2 C} {BC 5 D}	componentSymbol
A90	BBM	{AA 3 A}	componentSymbol
A124		{AF 3 B}	componentSymbol
A124.30B		{AF 3 B}	componentSymbol
A125	Control unit, TGW	{NC 4 B} {XD 3 C}	componentSymbol
A133	Handset	{ND 3 B}	componentSymbol
A914	I-shift unit(TECU)	{XC 2 A} {XD 5 B} {DN3 4 C} {DN2 4 B}	componentSymbol
A917	DNOX2_ECU	{CU 5 C} {XF 2 A}	componentSymbol

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Part Name	Description	Location	Part Type
A918_1	NOX-sensor	{XH 3 C}	componentSymbol
A918_2	NOX-sensor	{XH 1 C}	componentSymbol
A918_13	NOx-sensor	{XF 4 B}	componentSymbol
A926	GearShift_ECU	{XC 4 C} {DN 4 C} {XD 3 C}	componentSymbol
A942	BIO - Bus I/O	{CL 4 C}	componentSymbol
A946	FMS GATEWAY	{NE 3 C}	componentSymbol
A946_:6		{NE 2 C}	inline_connector
A946_:7		{NE 2 C}	inline_connector
A946_:13		{NE 2 B}	inline_connector
A946_:14		{NE 2 B}	inline_connector
A961	Control unit, Alcolock Interlock	{ND 2 B}	componentSymbol
A996	*opt*	{XH 4 C}	componentSymbol
A998	DEF Pump	{CX 4 D}	componentSymbol
A999_US13	*opt*	{CX 5 C}	componentSymbol
ACC:1		{NE 3 C}	inline_connector
ACC:2		{XC 3 C}	inline_connector
ACC:3		{XC 3 C}	inline_connector
ACC:4		{XD 2 D}	inline_connector
ACC:5		{XD 2 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
ACM:2		{AB2 4 D}	inline_connector
ARTIC:1		{FB 1 C}	inline_connector
ARTIC:2		{FB 1 C}	inline_connector
ARTIC:5		{BC 4 C}	inline_connector
ARTIC:6		{BC 4 C}	inline_connector
ARTIC:7		{BC 4 C}	inline_connector
ARTIC:8		{BC 3 C}	inline_connector
ARTIC:9		{BC 3 C}	inline_connector
ARTIC:10		{BC 4 C}	inline_connector
ARTIC:11		{BC 3 C}	inline_connector
ARTIC:12		{BC 3 C}	inline_connector
AUDIO:1		{XJ 1 C}	inline_connector
AUDIO:2		{XJ 1 C}	inline_connector
AUDIO:3		{IU 1 C}	inline_connector
B03	Sensor,footbrake valve	{EO 4 B}	componentSymbol
B06	Wet tank press	{BA 0 C}	componentSymbol
B07	Sensor,fuel level front axle	{NA 4 A}	componentSymbol

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B12	Sensor,tachograph/speedometer	{NB 4 A}	componentSymbol
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 driven rear axle	{EO 1 D}	componentSymbol
B16	Sensor,Wheel speed, rhs. 1:st driven rear axle	{EO 1 D}	componentSymbol
B22	Sensor, outdoor temperature	{NA 3 A}	componentSymbol
B25	Sensor,accelerator pedal	{BA 2 C}	componentSymbol
B29	sensor chassis level rear axle LHS	{FB 2 B}	componentSymbol
B30	sensor chassis level rear axle RHS	{FB 2 B}	componentSymbol
B32_10		{CS 1 D}	componentSymbol
B32_13	Sensor Eng. cooling fan speed	{CS 1 D}	componentSymbol
B39	Sensor,air filter press/Temp.	{CS 3 B}	componentSymbol
B40	Sensor,brake lining wear indicator,lhs. 1:st front axle	{EO 3 D}	componentSymbol
B41	Sensor,brake lining wear indicator,rhs. 1:st front axle	{EO 3 D}	componentSymbol
B42	Sensor,brake lining wear indicator,lhs. 1:st driven rear axle	{EO 2 D}	componentSymbol
B43	Sensor,brake lining wear indicator,rhs. 1:st driven rear axle	{EO 2 D}	componentSymbol
B49	Sensor,steering angle	{EP 2 B}	componentSymbol
B50	Sensor,yaw-rate	{EP 2 B}	componentSymbol
B57	Sensor,air pressure, suspension bellows, lhs.rear	{FB 4 C}	componentSymbol
B58	Sensor,air perssure,suspension bellow, rhs. rear	{FB 4 C}	componentSymbol
B59	Sensor, indoor temperature	{NA 3 A}	componentSymbol
B69C	Sensor,coolant temperature, retarder	{CX 0 B} {DN3 4 B}	componentSymbol
B904	hydr_oil_level_sens	{NA 4 C}	componentSymbol
B906	Sensor,Brake Press (6*2)	{BC 4 C}	componentSymbol
B910	sensor air press. ECS port 21	{FB 5 C}	componentSymbol
B914	sensor chassis level front axle LHS	{FB 2 B}	componentSymbol
B915	sensor chassis level front axle RHS	{FB 1 B}	componentSymbol
B918	Hydraulic oil level sensor_2	{NA 4 C}	componentSymbol
B920	Sensor,fuel level 2 front axle	{NA 4 A}	componentSymbol
B923	Sensor_temp/level_adblue_tank_SCRT_DNOX2	{CU 2 B}	componentSymbol
B927	Sensor Hydr.oil press	{BB 1 C}	componentSymbol
B930	Sensor_temp_upstream_scart_DNOX2	{CU 2 D}	componentSymbol
B940	Sensor brake lining wear indicator,A/B R	{EP 4 B}	componentSymbol
B941	Sensor brake lining wear indicator,A/B L	{EP 4 B}	componentSymbol
B942	sensor_wheel_speed_A/B_R	{EP 3 B}	componentSymbol

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B943	sensor_wheel_speed_A/B_L	{EP 3 B}	componentSymbol
B973	Fire Sensor, 150 C	{BB 4 C}	componentSymbol
B974	Fire sensor	{BB 4 C}	componentSymbol
B975	Fire sensor	{BB 4 B}	componentSymbol
B977	Sensor, brake pressure	{NA 5 A}	componentSymbol
B978	Sensor, brake pressure	{NA 4 A}	componentSymbol
B979	Parking brake pressure	{BB 3 B}	componentSymbol
B980	Auxilliary pressure	{BB 3 B}	componentSymbol
B985	Fire sensor 4, D13	{BB 4 D}	componentSymbol
B986	Fire sensor 5, D13	{BB 4 C}	componentSymbol
B991_10	temp. DPF	{CX 2 C}	componentSymbol
B992_10	temp. DPF	{CX 1 C}	componentSymbol
B993_10	temp. DPF	{CX 1 C}	componentSymbol
B995_13		{CX 2 D}	componentSymbol
BB1:1	Idle switch	{BA 5 B}	inline_connector
BB1:2	Start disable	{BC 1 C}	inline_connector
BB1:3	Fire alarm,body	{BC 1 C}	inline_connector
BB1:4	Low priority loads, relay	{BC 2 C}	inline_connector
BB1:5	Luggage hatch ,open	{BB 2 B}	inline_connector
BB1:6	Safety belt indicator	{NA 2 A}	inline_connector
BB1:8	Washer fluid low level	{NA 2 A}	inline_connector
BB1:9	Altenator charging	{NA 2 A}	inline_connector
BB1:10	AC 1	{BB 1 D}	inline_connector
BB1:11	Parking brake applied	{BA 4 A}	inline_connector
BB1:12	AC Disable	{BC 1 C}	inline_connector
BB2:1	Indoor temperator +	{NA 3 A}	inline_connector
BB2:2	Indoor temperature -	{NA 3 B}	inline_connector
BB2:3	Out door temperator +	{NA 3 A}	inline_connector
BB2:4	Out door temperatur-	{NA 3 B}	inline_connector
BB2:5	D-CAN H	{XE 1 B}	inline_connector
BB2:6	D-CAN L	{XE 1 B}	inline_connector
BB2:7	Horn(contacts steering wheelside)	{IS 2 B}	inline_connector
BB2:8	Horn supply	{IS 3 D}	inline_connector
BB2:9	Horn (contacts steer.wheel centre)	{IS 3 B}	inline_connector
BB2:10	Alarm	{GB 2 C}	inline_connector
BB2:11	Emergency switch	{AA 5 B}	inline_connector
BB2:12	Signal 4 pulses/meter C6	{NB 3 D}	inline_connector
BB3:1	Head lamps off	{GB 2 C}	inline_connector
BB3:2	Prevent ECS action	{BC 1 C}	inline_connector
BB3:3	Kneeling position	{FA 4 C}	inline_connector
BB3:4		{FB 3 D}	inline_connector
BB3:5	Hazard warning lamps	{GB 2 C}	inline_connector

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Part Name	Description	Location	Part Type
BB3:6	N/A	{GB 4 B}	inline_connector
BB3:7	Next stop indicator	{NA 2 A}	inline_connector
BB3:8	pram indicator	{NA 2 A}	inline_connector
BB3:9	N/A	{AF 5 C}	inline_connector
BB3:10	Speed signal C3	{BA 4 B}	inline_connector
BB3:11	+30 main switch (fuse F12)	{BB 3 D}	inline_connector
BB3:12	+15 ignition(fuse F29)	{BB 3 D}	inline_connector
BB4:1	Glass heating	{BC 1 C}	inline_connector
BB4:2	Host call	{BC 1 C}	inline_connector
BB4:3	Toilet fluid level	{BC 1 C}	inline_connector
BB4:4	Toilet occupied	{BC 1 C}	inline_connector
BB4:5	Door failure	{BC 1 C}	inline_connector
BB4:6	Door brake, status	{BC 2 C}	inline_connector
BB4:7	Door brake,request	{EP 2 D}	inline_connector
BB4:8	Speed signal 5 km/h	{BA 4 A}	inline_connector
BB4:9	Any door open	{NA 2 A}	inline_connector
BB4:10	Speed signal X km/h	{BA 4 B}	inline_connector
BB4:11	Dimmer,dashboard illumination	{GB 1 C}	inline_connector
BB5.A:1		{GB 3 B}	inline_connector
BB5.A:2		{GB 2 B}	inline_connector
BB5.A:11		{GB 4 B}	inline_connector
BB5.A:12		{GB 2 B}	inline_connector
BB5.B:1		{GB 3 B}	inline_connector
BB5.B:2		{GB 2 B}	inline_connector
BB5.B:11		{GB 3 B}	inline_connector
BB5.B:12		{GB 2 B}	inline_connector
BB5:1	dipped beam.Left	{GB 3 B}	inline_connector
BB5:2	Dipped beam.Right	{GB 2 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 1 B}	inline_connector
BB5:5	Fog lamps,front	{GE 2 C} {GE 3 C}	inline_connector
BB5:6	Additional main beam	{GB 0 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	Fog lamps,front	{GE 0 C} {GE 5 C}	inline_connector
BB5:10	Fog lamps,front	{GE 0 C} {GE 3 C}	inline_connector
BB5:11	Main beam 1.Left	{GB 3 B}	inline_connector
BB5:12	Main beam 1.Right	{GB 2 B}	inline_connector

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Part Name	Description	Location	Part Type
BB6:1	Starter inhibitor, engine hatch	{BC 2 C}	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
BB6:12	Reverse warning signal	{GA 3 B}	inline_connector
BB7:1	Stop lamp.Right	{GA 3 B}	inline_connector
BB7:2	Reversing lamps	{GA 4 B}	inline_connector
BB7:3	Direction indicator.Rear left	{GA 5 B}	inline_connector
BB7:4	Direction indicator.Rear right	{GA 2 B}	inline_connector
BB7:5	Extra direction indicator.Left	{GA 4 B}	inline_connector
BB7:6	Extra direction indicator.Right	{GA 3 B}	inline_connector
BB7:7	Rear position lamps.Left	{GA 5 B}	inline_connector
BB7:8	Rear position lamp.Right	{GA 2 B}	inline_connector
BB7:9	End-outline marker,sidemarker lamps. Rear left	{GA 1 C}	inline_connector
BB7:10	End-outline marker,side marker lamps. Rear right	{GA 1 C}	inline_connector
BB7:11	Stop lamp,left and Category S3 stop lamps	{GA 5 B}	inline_connector
BB7:12	Fog lamps,Rear	{GA 4 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 A}	inline_connector
BB8:3	Extra main beam	{GB 0 C}	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
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		{GB 4 B}	inline_connector
BB13:1	AC 1 - 50%	{BC 5 C}	inline_connector
BB13:2	AC compressor 2	{CL 4 C}	inline_connector
BB13:3	AC compressor 3	{CL 4 C}	inline_connector
BB13:4		{FB 3 D}	inline_connector
BB13:5	TORQUE REDUCTION	{BC 5 C}	inline_connector
BB13:6	AC compressor 2	{CL 3 A}	inline_connector
BB13:7	AC compressor 3	{CL 2 A}	inline_connector

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Part Name	Description	Location	Part Type
BBOX1A:1		{AA 1 C}	inline_connector
BBOX1A:2		{AA 0 C}	inline_connector
BBOX1A:3		{AA 0 C}	inline_connector
BBOX1B:1		{AA 1 B}	inline_connector
BBOX1B:2		{AA 0 B}	inline_connector
BBOX1B:3		{AA 0 B}	inline_connector
BBOX:1		{AA 0 C} {AB2 4 D}	inline_connector
BBOX:2		{AB 4 C} {AB2 3 D}	inline_connector
BBOX:3		{NB 4 D} {AB2 5 D}	inline_connector
BFEED:1		{CU 5 D}	inline_connector
BIO:1		{CL 3 C}	inline_connector
BIO:2		{XD 0 B}	inline_connector
BIO:3		{XD 0 B}	inline_connector
BIO:4		{XE 4 D}	inline_connector
BIO:5		{XE 4 C}	inline_connector
BIO:6		{XE 1 B}	inline_connector
BIO:7		{XE 1 B}	inline_connector
BIO:9		{CL 4 C}	inline_connector
BIO:10		{ZC 0 B}	inline_connector
BMUX:1		{XD 3 C}	inline_connector
BMUX:2		{XD 3 C}	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 D}	inline_connector
BOGIE:1		{FB 3 C}	inline_connector
BOGIE:2		{FB 3 C}	inline_connector
BOGIE:3		{FA 1 B}	inline_connector
BOGIE:4		{FA 2 B}	inline_connector
BOGIE:5		{FA 2 B}	inline_connector
BOGIE:6		{EP 4 C}	inline_connector
BOGIE:7		{EP 4 C}	inline_connector
BOGIE:8		{EP 3 C}	inline_connector
BOGIE:9		{EP 3 C}	inline_connector
BOGIE:10		{ZC 3 B}	inline_connector
BOGIE:11		{BB 0 C}	inline_connector
BOGIE:12		{BB 0 C}	inline_connector
BS1:2		{EO 3 B}	inline_connector
BS1:3		{EO 3 B}	inline_connector
BS1:4		{EO 3 B}	inline_connector

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BS1:5		{EO 2 B}	inline_connector
BS1:8		{EP 5 D}	inline_connector
BS1:9		{EP 5 D}	inline_connector
BS1:10		{EP 4 C}	inline_connector
BS1:11		{EP 5 D}	inline_connector
BS1:12		{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
BS3:1		{EO 2 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 C}	inline_connector
BS3:6		{EP 1 C}	inline_connector
BS3:7		{EP 1 B}	inline_connector
BS3:8		{NA 2 C}	inline_connector
BS3:9		{BB 1 B}	inline_connector
BS3:10		{BA 0 C}	inline_connector
BS3:11		{BA 0 C}	inline_connector
BS3:12		{BA 0 C}	inline_connector
D1	Diod	{BA 3 A}	componentSymbol
D2	Diod	{AA 2 B}	componentSymbol
D3		{GM 1 B}	componentSymbol
DBUS_INT:1		{XE 1 C}	inline_connector
DBUS_INT:2		{XE 1 C}	inline_connector
DF:1		{NC 3 D}	inline_connector
DF:2		{NC 4 C}	inline_connector
DF:3		{NC 5 B}	inline_connector
DF:4		{XD 3 D}	inline_connector
DF:5		{XD 3 D}	inline_connector
DF:6		{NC 4 D}	inline_connector
DF:11		{NC 3 B}	inline_connector
DPF10:A		{XH 2 C}	inline_connector
DPF10:B		{XH 2 D}	inline_connector
DPF10:C		{XH 1 B}	inline_connector
DPF10:D		{XH 1 B}	inline_connector
DPF10:E		{CX 3 D}	inline_connector
DPF10:F		{BB 4 D}	inline_connector
DPF10:G		{BB 4 D}	inline_connector
DPF10:J		{CX 3 C}	inline_connector

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DPF10:K		{CX 2 C}	inline_connector
DPF10:L		{CX 2 B}	inline_connector
DPF10:M		{CX 2 B}	inline_connector
E07L	Fog light left	{GE 0 B} {GE 3 B}	componentSymbol
E07LR	Fog light left rear	{GA 4 B}	componentSymbol
E07R	Fog light right	{GE 0 B} {GE 2 B}	componentSymbol
E07RR	Fog light right rear	{GA 4 B}	componentSymbol
E09	Lamp,brake light	{GA 4 B}	componentSymbol
E11LA	Side marker light left	{GA 1 B}	componentSymbol
E11LF	Side marker light left front	{GA 2 B}	componentSymbol
E11LR	Side marker light left rear	{GA 1 B}	componentSymbol
E11ML	Side marker light middle left	{GA 1 B}	componentSymbol
E11MR	Side marker light middle right	{GA 0 B}	componentSymbol
E11RA	Side marker light right	{GA 0 B}	componentSymbol
E11RF	Side marker light right front	{GA 1 B}	componentSymbol
E11RR	Side marker light right rear	{GA 1 B}	componentSymbol
E11TL	Position Light,Left(Trailer)	{GA 2 B}	componentSymbol
E11TR	Position Light,Right(Trailer)	{GA 1 B}	componentSymbol
E13L	Dir. ind. left	{GA 4 B}	componentSymbol
E13LA	Dir.indicator left	{GA 4 B}	componentSymbol
E13R	Dir. ind. right	{GA 3 B}	componentSymbol
E13RB	Dir.indicator right	{GA 3 B}	componentSymbol
earth5_553		{GA 4 A}	global_terminal_connector
earth6_553		{GA 3 A}	global_terminal_connector
earth8_553		{GA 3 A}	global_terminal_connector
earth9_553		{GA 2 B}	global_terminal_connector
earth10_553		{GA 1 B}	global_terminal_connector
earth11_553		{GA 1 B}	global_terminal_connector
earth12_553		{GA 0 B}	global_terminal_connector
earth18_82	Ground conn., steering column	{IS 2 A}	global_terminal_connector
earth23_94		{GA 4 B}	global_terminal_connector

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Part Name	Description	Location	Part Type
earth38_72		{GA 4 B}	global_terminal_connector
ECS1:1		{FA 4 B}	inline_connector
ECS1:2		{FA 4 B}	inline_connector
ECS1:3		{FA 4 B}	inline_connector
ECS1:5		{FB 5 C}	inline_connector
ECS1:6		{FB 2 C}	inline_connector
ECS1:7		{FB 1 C}	inline_connector
ECS1:8		{FB 5 C}	inline_connector
ECS1:9		{FB 5 C}	inline_connector
ECS1:10		{FB 1 C}	inline_connector
ECS1:11		{FB 2 C}	inline_connector
ECS1:12		{FA 4 C}	inline_connector
ECS2:1		{FA 5 B}	inline_connector
ECS2:2		{FA 4 B}	inline_connector
ECS2:3		{FA 5 B}	inline_connector
ECS2:4		{FB 4 C}	inline_connector
ECS2:5		{FB 4 C}	inline_connector
ECS2:6		{FB 2 C}	inline_connector
ECS2:7		{FB 2 C}	inline_connector
ECS2:8		{FB 5 D}	inline_connector
ECS2:9		{FB 4 C}	inline_connector
ECS2:10		{FB 1 C}	inline_connector
ECS2:11		{FB 2 C}	inline_connector
ECS2:12		{FA 5 C}	inline_connector
EMS:1		{BA 5 B}	inline_connector
EMS:2		{XC 1 B}	inline_connector
EMS:3		{XC 1 B}	inline_connector
EMS:4		{XD 1 C}	inline_connector
EMS:5		{XD 1 C}	inline_connector
EMS:6		{BA 4 D}	inline_connector
EMS:7		{BA 3 D}	inline_connector
EMS:9		{BA 4 C}	inline_connector
EMS:10		{ZC 4 B}	inline_connector
EMS:11		{BB 1 C}	inline_connector
ENG1:2		{AA 2 B}	inline_connector
ENG1:3		{BB 4 B}	inline_connector
ENG1:4		{AA 2 B}	inline_connector
ENG1:5		{BB 4 D}	inline_connector
ENG1:6		{AA 2 C}	inline_connector
ENG1:7		{AF 4 B}	inline_connector
ENG1:8		{AF 4 D}	inline_connector

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Part Name	Description	Location	Part Type
ENG1:9		{AF 1 C}	inline_connector
ENG1:10		{NA2 4 A}	inline_connector
ENG1:11		{NA 4 C}	inline_connector
ENG1:12		{ZC 3 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
EU4:10		{CU 5 D}	inline_connector
EU4:11		{XF 1 C}	inline_connector
EU4:12		{XF 1 C}	inline_connector
F1	ECS, 5A	{FA 0 D}	componentSymbol
F2	BIC2,10A	{NA 1 D}	componentSymbol
F4	EBS,20A	{EO 5 D}	componentSymbol
F5	Horn,5A	{IS 3 D}	componentSymbol
F7	Gearbox ECU I-shift, 10A	{DN 3 D}	componentSymbol
F8	Gear selector ,I-Shift,5A	{DN 3 D}	componentSymbol
F9	Switchbox start/stop rear, 5A	{AA 2 D}	componentSymbol
F10	Fire Alarm,5A	{BB 4 D}	componentSymbol
F11	Dyna fleet, FMS, 10A	{NC 5 D}	componentSymbol
F12	Body +30,5A	{BB 3 D}	componentSymbol
F14	BBM,5A	{BB 5 D}	componentSymbol
F15	EECU,15A	{BA 4 D}	componentSymbol
F16	VECU,5A	{BA 4 D}	componentSymbol
F17	Switch feed, 5A	{FA 1 D}	componentSymbol
F18	Alternator, 5A	{AF 1 D}	componentSymbol
F19	Hymer, 10A	{AF 4 D}	componentSymbol
F20	EBS,10A	{EO 5 D}	componentSymbol
F21	Wiper,Washer,15A	{GM 2 D}	componentSymbol
F23	ACC, FMS,5A	{NE 3 D}	componentSymbol
F24	BIC 2,5A	{NA 1 D}	componentSymbol
F25	Washer motor, 15A	{GM 4 D}	componentSymbol
F26	ECS,5A	{FA 0 D}	componentSymbol
F28	Retarder, 10A	{DN 4 D}	componentSymbol
F29	Body +DR, 5A	{BB 3 D}	componentSymbol
F31	Hydraulic oil, DNOx2, 10A	{NA 5 D}	componentSymbol
F32	Tachograph,5A	{NB 4 D}	componentSymbol
F33	BIC 2,5A	{NA 2 D}	componentSymbol
F35	LCM ,25A	{GA 5 D}	componentSymbol
F36	LCM,25A	{GA 4 D}	componentSymbol
F37	LCM,25A	{GA 3 D}	componentSymbol

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Part Name	Description	Location	Part Type
F39	DNOx2, 25A	{CU 5 D}	componentSymbol
F40	Voltage guard, 5A	{AA 1 D}	componentSymbol
F41	Radio,20A	{IU 4 D}	componentSymbol
F42	Maine Switch,5A	{AA 5 D}	componentSymbol
F44	LCM,25A	{GA 5 D}	componentSymbol
F45	LCM,25A	{GA 4 D}	componentSymbol
F46	LCM,25A	{GA 4 D}	componentSymbol
F47	Side marker L, 5A	{GA 1 D}	componentSymbol
F48	Side marker R, 5A	{GA 1 D}	componentSymbol
F49	Fuel cut off valve, 5A	{NA 5 D}	componentSymbol
F51	Radio,5A	{IU 4 D}	componentSymbol
F52	Luggage Light,10A	{BB 2 D}	componentSymbol
F53	Bogie Valve, Heater waterseperator, 5A	{BB 0 D}	componentSymbol
F54	Engine/Luggage hatch,5A	{GA 3 D}	componentSymbol
F55	Engine brake valve, Preheat relay, Fan speed clutch,10A	{BA 4 D}	componentSymbol
F56	Engine brake, 10A	{BA 4 D}	componentSymbol
F57	Key switch,5A	{AA 4 D}	componentSymbol
F58	FTM, 5A	{CL 3 D}	componentSymbol
F61	Light, luggageroom,10A	{GA 3 D}	componentSymbol
F62	Light sleeping compartment, 20A	{GA 3 D}	componentSymbol
F63		{CL 1 C}	componentSymbol
F64	Load Indicator	{CL 2 C}	componentSymbol
F90A		{CU 1 B}	componentSymbol
F90B		{CU 1 B}	componentSymbol
F96	Fuse, Xenon low beam L, 10A	{GN 5 C}	componentSymbol
F97	Fuse, Xenon low beam R, 10A	{GN 4 C}	componentSymbol
F98	Fuse, Xenon high beam L, 10A	{GN 4 C}	componentSymbol
F99	Fuse, Xenon high beam R,10A	{GN 4 C}	componentSymbol
F201		{AB3 2 D}	componentSymbol
F202		{AB3 3 D} {AB3 3 E}	componentSymbol
F203		{AB3 3 D} {AB3 3 E}	componentSymbol
F204		{AB3 3 D} {AB3 3 E}	componentSymbol
F205		{AB3 3 E} {AB3 3 D}	componentSymbol
F206		{AB3 3 E} {AB3 3 C}	componentSymbol
F207		{AB3 3 E} {AB3 3 C}	componentSymbol

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Part Name	Description	Location	Part Type
F208		{AB3 2 E} {AB3 2 C}	componentSymbol
F209		{AB3 3 E} {AB3 3 C}	componentSymbol
F210		{AB3 2 C} {AB3 2 E}	componentSymbol
F211		{AB3 3 E} {AB3 3 C}	componentSymbol
F212		{AB3 3 E} {AB3 3 C}	componentSymbol
F213		{AB3 4 E} {AB3 4 C}	componentSymbol
F214		{AB3 2 C}	componentSymbol
F907	Fuse 12V I-shift	{AB 3 B}	componentSymbol
F912		{AB 3 C}	componentSymbol
F915	Fuse 12V EMS2	{AB 3 B}	componentSymbol
F924		{AB 3 C}	componentSymbol
F955	Fuse 12V Act. EMS2	{AB 2 B}	componentSymbol
F956	Fuse 12V Fuel Pump	{AB 2 B}	componentSymbol
F957	Fuse 12V Cool Fan	{AB 2 B}	componentSymbol
F958		{AB 2 B}	componentSymbol
FEED:1		{BA 5 D}	inline_connector
FEEDX:1		{GN 4 D}	inline_connector
FH1	FuseHolder 12V	{AB 2 B}	componentSymbol
FH1A:1		{DN 3 C}	inline_connector
FH1A:2		{DN 3 C}	inline_connector
FH1A:3		{DN 3 D}	inline_connector
FH1A:6		{IS 3 D}	inline_connector
FH1A:7		{FA 0 D}	inline_connector
FH1A:8		{EO 5 D}	inline_connector
FH1A:10		{NA 1 D}	inline_connector
FH1B:1		{BA 4 D}	inline_connector
FH1B:2		{BA 4 D}	inline_connector
FH1B:3		{BA 5 D}	inline_connector
FH1B:4		{AA 2 D}	inline_connector
FH1B:6		{BB 5 D}	inline_connector
FH1B:7		{BB 4 D}	inline_connector
FH1B:10		{NC 5 D}	inline_connector
FH1B:11		{BB 3 D}	inline_connector
FH2A:1		{GM 2 D}	inline_connector
FH2A:3		{NE 3 D}	inline_connector
FH2A:4		{EO 5 D}	inline_connector
FH2A:5		{AA 2 D}	inline_connector

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Part Name	Description	Location	Part Type
FH2A:6		{NA 1 D}	inline_connector
FH2A:7		{AF 4 D}	inline_connector
FH2A:8		{AF 1 D}	inline_connector
FH2A:9		{FA 1 D}	inline_connector
FH2B:1		{BB 3 D}	inline_connector
FH2B:3		{NA 5 D}	inline_connector
FH2B:4		{DN 4 D}	inline_connector
FH2B:5		{AA 2 D}	inline_connector
FH2B:6		{NB 4 D}	inline_connector
FH2B:8		{FA 0 D}	inline_connector
FH2B:9		{GM 4 D}	inline_connector
FH3A:1		{BA 4 D}	inline_connector
FH3A:2		{BA 4 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 2 D}	inline_connector
FH3A:12		{IU 4 D}	inline_connector
FH3B:1		{CL 2 C}	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 3 D}	inline_connector
FH3B:7		{CL 3 D}	inline_connector
FH3B:9		{GA 3 D}	inline_connector
FH4A:2		{CU 5 D}	inline_connector
FH4A:3		{CU 5 D}	inline_connector
FH4A:4		{AA 1 D}	inline_connector
FH4A:5		{GA 3 D}	inline_connector
FH4A:7		{NA 2 D}	inline_connector
FH4A:8		{GA 4 D}	inline_connector
FH4A:12		{GA 5 D}	inline_connector
FH4B:1		{GA 1 C}	inline_connector
FH4B:2		{GA 1 C}	inline_connector
FH4B:3		{GA 1 C}	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
FH4B:12		{GA 5 D}	inline_connector
FH5	Fuse house, Xenon light	{GN 5 C}	componentSymbol

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Part Name	Description	Location	Part Type
FL2:11		{GB 5 C}	inline_connector
FL2A	Front light, L	{GE 2 B} {GE 5 B}	componentSymbol
FL3:11		{GB 5 C}	inline_connector
FL3A	Front light, R	{GE 1 B} {GE 3 B}	componentSymbol
FTM:1		{CL 3 C}	inline_connector
FTM:2		{XD 0 B}	inline_connector
FTM:3		{XD 0 B}	inline_connector
FTM:4		{XE 5 B}	inline_connector
FTM:5		{XE 5 B}	inline_connector
FTM:6		{XE 5 C}	inline_connector
FTM:7		{XE 5 C}	inline_connector
FTM:9		{AA 2 D}	inline_connector
FTM:10		{ZC 1 B}	inline_connector
FTM_J:4		{XE 5 B}	inline_connector
FTM_J:5		{XE 5 B}	inline_connector
FTM_J:6		{XE 5 C}	inline_connector
FTM_J:7		{XE 5 C}	inline_connector
FUEL:1		{NA 4 A}	inline_connector
FUEL:2		{NA 4 A}	inline_connector
FUEL:3		{NA 4 B}	inline_connector
FUEL:5		{NA 5 D}	inline_connector
FUEL:6		{NA 5 C}	inline_connector
FUEL:7		{FA 3 B}	inline_connector
FUEL:8		{FA 3 B}	inline_connector
FUEL:9		{FA 4 C}	inline_connector
FUEL:10		{FB 0 C}	inline_connector
FUEL:11		{FB 3 C}	inline_connector
G01	Battery	{AB 5 B} {AB2 4 B}	componentSymbol
G01.B		{AC 3 B}	componentSymbol
G01B	Battery	{AB 4 B} {AB2 4 B}	componentSymbol
G01B.A		{AC 3 B}	componentSymbol
G01B:C		{AB 4 B}	componentSymbol
G02	Alternator 1	{AF 2 B}	componentSymbol
G03	Alternator 2	{AF 2 B}	componentSymbol
G08A	Battery	{AC 3 B}	componentSymbol
G08A_A		{AC 3 C}	componentSymbol
G08B	Battery	{AC 3 B}	componentSymbol
G08B_B		{AC 3 A}	componentSymbol
G901	Battery Equalizer	{AB 3 D}	componentSymbol

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Part Name	Description	Location	Part Type
GBX:1		{DN3 2 D} {DN2 2 D}	inline_connector
GBX:2		{DN 2 C}	inline_connector
GBX:7		{XC 0 A}	inline_connector
GBX:8		{XC 0 A}	inline_connector
GBX:9		{XD 1 B}	inline_connector
GBX:10		{XD 1 B}	inline_connector
GBX:13		{NA 4 C}	inline_connector
GBX:17		{BA 2 B}	inline_connector
GBX:18		{BA 2 B}	inline_connector
GND		{BA 2 A}	componentSymbol
GND1A		{ZC 2 B}	componentSymbol
GND1B		{ZC 4 A}	componentSymbol
GND1C		{ZC 2 A}	componentSymbol
GND1D		{ZC 0 A}	componentSymbol
GND1E		{CS 0 C}	componentSymbol
GND1UA:1		{CU 2 A}	componentSymbol
GND1UB:1		{CU 1 A}	componentSymbol
GND2A		{AF 2 A}	componentSymbol
GND2B		{AF 2 A}	componentSymbol
GND6		{GB 5 B}	componentSymbol
GND6B		{ZC 3 C} {GE 0 A}	componentSymbol
GND11		{ZC 1 C}	componentSymbol
GND31A		{ZC 1 A}	componentSymbol
GND31A:A		{ZC 0 A}	componentSymbol
GND31B		{AB 4 A} {AB2 4 A}	componentSymbol
GND31F		{ZC 3 A}	componentSymbol
GND31R		{ZC 3 A}	componentSymbol
GND40		{AF 3 A}	componentSymbol
GND41		{AF 3 A}	componentSymbol
GND74		{CU 1 A}	componentSymbol
GND75		{AB 2 D}	componentSymbol
GND900		{AC 3 A}	componentSymbol
GND_PH		{CS 5 A}	componentSymbol
GNDX		{ZC 0 C}	componentSymbol
H01	Air,Operated	{IS 3 C}	componentSymbol
H02	Diaphragm horn	{IS 2 C}	componentSymbol
IB1:1		{NA 2 D}	inline_connector
IB1:2		{NA 2 B}	inline_connector

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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 D}	inline_connector
IB1:8		{NA 3 C}	inline_connector
IB1:9		{AF 2 C}	inline_connector
IB1:10		{AF 1 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 3 D}	inline_connector
IB1:15		{XC 3 D}	inline_connector
IB1:16		{XD 2 D}	inline_connector
IB1:17		{XD 2 D}	inline_connector
IB1:18		{NA 1 D}	inline_connector
IB2:1		{NA 3 B}	inline_connector
IB2:2		{NA 3 B}	inline_connector
IB2:3		{NA 3 B}	inline_connector
IB2:4		{NA 2 B}	inline_connector
IB2:5		{NA 3 C}	inline_connector
IB2:6		{NA 4 B}	inline_connector
IB2:7		{GA 1 C}	inline_connector
IB2:8		{ZC 5 B}	inline_connector
IB2:9		{GA 3 C}	inline_connector
IB2:11		{IS 3 B}	inline_connector
IB2:12		{IS 2 B}	inline_connector
IB2:13		{EP 2 C}	inline_connector
IB2:14		{EP 2 C}	inline_connector
IB2:15		{EP 2 B}	inline_connector
IB2:16		{EP 2 B}	inline_connector
IB2:17		{AA 4 C}	inline_connector
IB2:18		{NC 5 D}	inline_connector
IB3:1		{BA 1 C}	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

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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
IB3:17		{FA 1 D}	inline_connector
IB3:18		{ZC 4 B}	inline_connector
IB4:1		{GB 2 C}	inline_connector
IB4:2		{GB 3 C}	inline_connector
IB4:3		{GB 4 C}	inline_connector
IB4:4		{GB 3 C}	inline_connector
IB4:5		{GB 3 C}	inline_connector
IB4:6		{GA 4 B}	inline_connector
IB4:7		{GE 2 C}	inline_connector
IB4:8		{GB 4 C}	inline_connector
IB4:9		{GB 4 C}	inline_connector
IB4:10		{GB 2 C}	inline_connector
IB4:11		{GB 2 C}	inline_connector
IB4:12		{GB 1 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
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 D}	inline_connector
IB5:9		{FA 2 B}	inline_connector
IB5:10		{NA2 4 B}	inline_connector
IB5:11		{FA 3 C}	inline_connector
IB5:12		{FA 3 C}	inline_connector
IB5:13		{AA 3 C}	inline_connector
IB5:14		{FA 1 B}	inline_connector
IB5:15		{FA 1 B}	inline_connector
IB5:16		{FA 2 B}	inline_connector

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IB6:1		{NB 4 D}	inline_connector
IB6:2		{XJ 4 C}	inline_connector
IB6:3		{XJ 4 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
IB6:10		{NB 4 C}	inline_connector
IB6:12		{NB 3 B}	inline_connector
IB7:1		{GM 4 D}	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		{XF 0 C}	inline_connector
IB7:6		{XF 0 C}	inline_connector
IB7:7		{NA 2 C}	inline_connector
IB7:8		{GM 1 C}	inline_connector
IB7:10		{ZC 4 B}	inline_connector
IB7:11		{NA 2 B}	inline_connector
IB7:12		{GM 0 C}	inline_connector
IB8:1		{EO 4 B}	inline_connector
IB8:2		{EO 4 B}	inline_connector
IB8:3		{EO 4 B}	inline_connector
IB8:4		{EO 4 B}	inline_connector
IB8:5		{EO 4 B}	inline_connector
IB8:7		{GB 1 C}	inline_connector
IB8:8		{CL 2 B}	inline_connector
IB8:9		{CL 3 B}	inline_connector
IB8:10		{CL 2 B}	inline_connector
IB8:11		{CL 4 C}	inline_connector
IB8:12		{CL 4 C}	inline_connector
IB9:1		{BA 3 B}	inline_connector
IB9:2		{BA 2 B}	inline_connector
IB9:3		{GE 4 C}	inline_connector
IB9:4		{ZC 5 B}	inline_connector
IB9:5		{GE 4 C}	inline_connector
IB9:6		{GA 3 B}	inline_connector
IB9:7		{BA 2 C}	inline_connector

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IB9:10		{BA 2 C}	inline_connector
IB9:11		{BA 2 C}	inline_connector
IB9:12		{BA 2 C}	inline_connector
IB10:1		{DN 4 C}	inline_connector
IB10:2		{GA 2 C}	inline_connector
IB10:3		{BB 4 B}	inline_connector
IB10:8		{DN 3 C}	inline_connector
IB10:9		{ZC 1 B}	inline_connector
IB10:10		{DN 4 C}	inline_connector
IB10_I:1		{DN 4 C}	inline_connector
IB10_I:8		{DN 3 C}	inline_connector
IB10_I:10		{DN 4 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 4 C}	inline_connector
K2	Load Indicator	{CL 2 C}	componentSymbol
K02		{GB 5 C}	componentSymbol
K3	ECS	{FA 0 B}	componentSymbol
K4	I-Shift/Voith	{DN 3 D}	componentSymbol
K7	Start engine	{AF 4 C}	componentSymbol
K8	VECU/EMS	{BA 5 C}	componentSymbol
K9	Wiper/Washer	{GM 2 C}	componentSymbol
K11	Prevent start engine	{AA 2 C}	componentSymbol
K12	Luggage Light	{BB 2 C}	componentSymbol
K13	Emergency switch relay	{AA 4 D}	componentSymbol
K14	Bogie	{BB 0 C}	componentSymbol
K17	Ignition +15	{AA 2 D}	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 4 B}	componentSymbol
K35	relay_disconn_headlight_wash	{GM 4 C}	componentSymbol
K200	Relay engine preheat	{AB3 3 C}	componentSymbol
K201		{AB3 3 C} {AB3 3 E}	componentSymbol
K202		{AB3 4 E} {AB3 4 C}	componentSymbol
K902		{CU 3 B}	componentSymbol
K903		{CU 3 B}	componentSymbol

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Part Name	Description	Location	Part Type
K908		{CU 4 B}	componentSymbol
K909		{CU 2 B}	componentSymbol
K911	Relay, DRL Light	{GE 4 C}	componentSymbol
K918	Relay 12V EMS2	{AB 3 C}	componentSymbol
K925	Relay, Voltage guard	{AA 1 C}	componentSymbol
KH1A:1		{FA 0 B}	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 B}	inline_connector
KH1A:10		{CL 2 B}	inline_connector
KH1A:11		{CL 2 C}	inline_connector
KH1B:1		{DN 3 D}	inline_connector
KH1B:2		{DN 3 D}	inline_connector
KH1B:3		{DN 3 D}	inline_connector
KH1B:5		{DN 3 D}	inline_connector
KH2A:1		{BA 3 A}	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		{AF 4 C}	inline_connector
KH2A:8		{AF 4 C}	inline_connector
KH2A:9		{BA 5 C}	inline_connector
KH2A:10		{AF 5 C}	inline_connector
KH2A:11		{AF 4 C}	inline_connector
KH2A:12		{AF 4 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:3		{AA 4 C}	inline_connector
KH3A:4		{BB 2 C}	inline_connector
KH3A:5		{AA 4 D}	inline_connector
KH3A:6		{AA 4 C}	inline_connector
KH3A:7		{BB 2 D}	inline_connector
KH3A:8		{AA 2 C}	inline_connector

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Part Name	Description	Location	Part Type
KH3A:9		{AA 2 C}	inline_connector
KH3A:10		{BB 2 D}	inline_connector
KH3A:11		{BB 2 C}	inline_connector
KH3A:12		{AA 2 C}	inline_connector
KH3A:14		{AA 2 C}	inline_connector
KH3B:1		{BB 0 D}	inline_connector
KH3B:2		{BB 0 C}	inline_connector
KH3B:3		{BB 0 D}	inline_connector
KH3B:5		{BB 0 C}	inline_connector
M01	Motor, windscreen wiper	{GM 1 B}	componentSymbol
M01:1		{GM 0 B}	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
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
M02	windscreen_washer_motor	{GM 3 B}	componentSymbol
M03	headlights washer motor	{GM 4 B}	componentSymbol
MED:1		{XC 3 B}	inline_connector
MED:2		{XD 5 B} {XG 3 B}	inline_connector
MED:3		{CS 5 C}	inline_connector
MED:4		{XC 3 B}	inline_connector
MED:5		{XD 5 B} {XG 3 A}	inline_connector
MED:6		{CS 5 C}	inline_connector
MED:7		{CS 4 B}	inline_connector
MED:8		{CS 4 C}	inline_connector
MED:9		{AF 2 C}	inline_connector
MED:10		{AF 1 C}	inline_connector
MED:12		{AF 1 A}	inline_connector
MED:13		{CS 5 C}	inline_connector
MED:14		{BB 4 C}	inline_connector
MED:15		{CS 5 C}	inline_connector
MED:16		{BB 4 B}	inline_connector
MED:17		{AF 1 C}	inline_connector

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Part Name	Description	Location	Part Type
MED:18		{CS 3 C}	inline_connector
MED:20		{CS 1 C}	inline_connector
MED:21		{CS 2 C}	inline_connector
MED:22		{CS 2 C}	inline_connector
MED:24		{CS 2 B}	inline_connector
MED:25		{CS 4 C}	inline_connector
MED:26		{CS 2 C}	inline_connector
MED:27		{CS 0 C}	inline_connector
MED:28		{CS 4 C}	inline_connector
MED:29		{CS 2 B}	inline_connector
MED:30		{CS 4 B}	inline_connector
MED:31		{CS 0 C}	inline_connector
MED:32		{CS 1 C}	inline_connector
MED:33		{CS 1 C}	inline_connector
MED:34		{CS 2 C}	inline_connector
MED:35		{AF 4 B}	inline_connector
MED:36		{CS 2 C}	inline_connector
MED:37		{CS 3 C}	inline_connector
MED:39		{CS 0 C}	inline_connector
MEDA:1		{NB 4 B}	inline_connector
MEDA:2		{NB 4 B}	inline_connector
MEDA:3		{NB 4 B}	inline_connector
MEDA:4		{NB 4 B}	inline_connector
MEDA:5		{DN3 4 D}	inline_connector
MEDA:6		{DN3 4 D}	inline_connector
MEDA:7		{XC 2 B}	inline_connector
MEDA:8		{XC 2 B}	inline_connector
MEDA:9		{XD 4 B}	inline_connector
MEDA:10		{XD 5 B}	inline_connector
MEDA:11		{DN3 3 D} {DN2 3 C}	inline_connector
MEDA:12		{DN3 2 D} {DN2 2 C}	inline_connector
ML1:1		{GB 4 A}	inline_connector
ML1:2		{ZC 2 D}	inline_connector
ML1:3		{GE 5 B}	inline_connector
ML1:4		{ZC 2 D}	inline_connector
ML1:5		{GE 5 B}	inline_connector

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Part Name	Description	Location	Part Type
ML1:6		{ZC 2 D}	inline_connector
ML1:7		{GE 5 B}	inline_connector
ML2:1		{GB 1 A}	inline_connector
ML2:2		{ZC 2 D}	inline_connector
ML2:3		{GE 3 B}	inline_connector
ML2:4		{ZC 2 D}	inline_connector
ML2:5		{GE 3 B}	inline_connector
ML2:6		{ZC 2 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		{GA 1 B}	inline_connector
ML3:4		{GA 1 B}	inline_connector
ML3:5		{GA 0 B}	inline_connector
ML3:6		{GA 3 C}	inline_connector
ML3:7		{GA 1 B}	inline_connector
ML4:1		{BB 2 C}	inline_connector
ML4:2		{BB 3 D}	inline_connector
ML4:3		{GA 1 B}	inline_connector
ML4:4		{GA 1 B}	inline_connector
ML4:5		{GA 2 B}	inline_connector
ML4:6		{GA 3 C}	inline_connector
ML4:7		{GA 1 B}	inline_connector
NX903		{AB2 5 C}	componentSymbol
NX904		{AB2 2 C}	componentSymbol
OBD		{NA2 1 C} {NA2 4 C}	componentSymbol
R01	Heater, engine preheat	{CS 5 A}	componentSymbol
R02	Heater, rear view mirror	{GB 5 B}	componentSymbol
R08	Termination resistor,CAN-bus	{XC 4 D}	componentSymbol
R904	Resistor_DBUS	{XE 1 B}	componentSymbol
R905	Heated_Hose_Suction_Line	{CU 4 B}	componentSymbol
R905_US	suction_line	{CX 3 A}	componentSymbol
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
R906	Heated_Hose_Pressure_Line	{CU 3 B}	componentSymbol
R906_US	Pressure_line	{CX 3 A}	componentSymbol

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Part Name	Description	Location	Part Type
R906A:1		{CU 3 B}	inline_connector
R906A:2		{CU 3 B}	inline_connector
R906B:1		{CU 3 B}	inline_connector
R906B:2		{CU 3 B}	inline_connector
R906C:1		{CU 3 B}	inline_connector
R906C:2		{CU 3 B}	inline_connector
R907	1939-7 resistor	{XF 0 B}	componentSymbol
R908	Heated_Hose_Backflow_to_tank	{CU 2 B}	componentSymbol
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
R909	Heated_Filter	{CU 5 B}	componentSymbol
R910	Heated_Hose_Backflow_to_pump	{CU 3 B}	componentSymbol
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
R918		{XG 0 B}	componentSymbol
RA1:1		{NB 4 B}	inline_connector
RA1:2		{NB 4 B}	inline_connector
RA1:3		{NB 4 B}	inline_connector
RA1:4		{NB 4 B}	inline_connector
RA1:5		{NA 3 C}	inline_connector
RA1:6		{AF 2 C}	inline_connector
RA1:7		{AF 1 C}	inline_connector
RA1:10		{NA 4 C}	inline_connector
RA1:11		{AB 4 D}	inline_connector
RL1A	Rear light, R	{GA 2 B}	componentSymbol
RL2A	Rear light, L	{GA 5 B}	componentSymbol
RL3:1		{GA 2 B}	inline_connector
RL3:2		{GA 1 B}	inline_connector
RL3:3		{GA 4 B}	inline_connector
RL3:4		{GA 3 B}	inline_connector
RL3:5		{GA 3 C}	inline_connector
RL3:6		{GA 4 B}	inline_connector
RL3:7		{GA 3 B}	inline_connector
RL3:8		{BC 2 C}	inline_connector

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Part Name	Description	Location	Part Type
RL3:10		{GA 4 B}	inline_connector
RL3:11		{GA 3 C}	inline_connector
RL3:12		{ZC 2 D}	inline_connector
RL4:1		{GA 4 B}	inline_connector
RL4:2		{GA 3 B}	inline_connector
RL4:3		{GA 1 B}	inline_connector
RL4:4		{GA 0 B}	inline_connector
RL4:5		{GA 4 B}	inline_connector
RL4:7		{GA 3 B}	inline_connector
RL:1		{GB 5 C}	inline_connector
RL:3		{GB 4 B}	inline_connector
RL_DA:1		{GB 5 B}	inline_connector
RL_DB:1		{GB 5 C}	inline_connector
S01	Switch,main lighting,selector type	{GB 4 C}	componentSymbol
S02	Stalk switch LHS	{BA 3 D} {GB 2 D}	componentSymbol
S06	Stalk switch , 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	{FA 3 B}	componentSymbol
S12	Main switch	{AA 4 C}	componentSymbol
S14A	Switch, push button, Air horn	{IS 3 A}	componentSymbol
S14B	Switch, push button, Air horn	{IS 2 A}	componentSymbol
S15A	Switch,Starter Key	{AA 3 D}	componentSymbol
S15B	Switch,Starter Feed	{AA 4 B}	componentSymbol
S16	Switch, push button, El. horn	{IS 2 A}	componentSymbol
S24	stalk_switch_retarder	{BA 1 D}	componentSymbol
S31	Switch, TCS (Traction Control System)	{EP 1 B}	componentSymbol
S32	Brake hold	{EP 0 C}	componentSymbol
S34	Switch unit, steering wheel push buttons	{IU 2 D}	componentSymbol
S40	Switch, battery main switch	{AA 5 C}	componentSymbol
S41	Switch, battery main switch control	{AB2 4 B}	componentSymbol
S45	Position switch,differential gear lock indicator, rear wheels,NC.or NO.	{EP 1 C}	componentSymbol
S50	Switch, pressure parking brake indicator, NO	{BA 3 B}	componentSymbol
S58	clutch_switch	{BA 2 C}	componentSymbol
S68	Sensor coolant level	{CS 4 D}	componentSymbol
S68_13	Sensor Coolant level	{CS 4 D}	componentSymbol
S70	Switch Hydr.oil ,Flow sensor	{BB 0 B}	componentSymbol
S77	Assistantnce call	{NC 3 C}	componentSymbol
S901	eng_stop_rear	{AA 1 B}	componentSymbol
S902	switch leveling	{FA 1 B}	componentSymbol

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Part Name	Description	Location	Part Type
S904	Switch,emergency cut-out	{AA 4 D}	componentSymbol
S905	Switch,Retarder	{BA 1 A}	componentSymbol
S907	eng_start_rear	{AA 2 B}	componentSymbol
S908	eng_start_enable_rear	{AA 1 B}	componentSymbol
S915	Switch,kneeling	{FA 3 C}	componentSymbol
S925	Switch, Alcolock	{ND 3 C}	componentSymbol
S_T_S:1		{NB 3 B}	inline_connector
S_T_S:2		{NB 3 B}	inline_connector
S_T_S:3		{NB 3 B}	inline_connector
S_T_T:3		{NB 3 B}	inline_connector
sym211_54		{BC 1 C}	componentSymbol
sym211_67		{BA 5 B}	componentSymbol
sym212_54		{BC 1 C}	componentSymbol
sym213_54		{BC 1 C}	componentSymbol
sym214_67		{BA 4 A}	componentSymbol
sym215_67		{BA 4 B}	componentSymbol
sym216_54		{BC 1 C}	componentSymbol
sym217_54		{BC 1 C}	componentSymbol
sym218_54		{BC 1 C}	componentSymbol
sym219_54		{BC 1 C}	componentSymbol
sym220_54		{BC 1 C}	componentSymbol
sym246_54		{BC 2 C}	componentSymbol
sym249_54		{BB 2 B}	componentSymbol
sym255_79		{GB 2 C}	componentSymbol
sym256_79		{GB 2 C}	componentSymbol
sym257_67		{BA 4 B}	componentSymbol
sym257_79		{GB 2 C}	componentSymbol
sym257_80		{GB 1 C}	componentSymbol
sym258_105		{BC 5 C}	componentSymbol
sym266_154		{FB 3 D}	componentSymbol
sym266_155		{CL 4 C}	componentSymbol
sym267_155		{CL 4 C}	componentSymbol
sym269_82		{BB 3 D}	componentSymbol
sym269_88		{BA 4 A}	componentSymbol
sym269_227		{BC 5 C}	componentSymbol
sym270_82		{NB 3 D}	componentSymbol
sym273_82		{BB 3 D}	componentSymbol
sym274_82		{EP 2 D}	componentSymbol
sym274_893		{GN 4 C}	componentSymbol
sym275_67		{NA 3 A}	componentSymbol
sym276_67		{NA 3 A}	componentSymbol
sym277_67		{NA 2 A}	componentSymbol

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Part Name	Description	Location	Part Type
sym277_82		{AA 5 B}	componentSymbol
sym278_67		{NA 2 A}	componentSymbol
sym278_893		{GN 5 C}	componentSymbol
sym279_67		{NA 2 A}	componentSymbol
sym280_67		{NA 2 A}	componentSymbol
sym281_67		{NA 2 A}	componentSymbol
sym286_1494		{FB 3 D}	componentSymbol
sym295_97		{FA 4 D}	componentSymbol
sym306_113		{GB 0 C}	componentSymbol
sym309_100		{BC 1 C}	componentSymbol
sym310_14		{BB 3 D}	componentSymbol
sym311_14		{BB 3 D}	componentSymbol
sym311_112		{AA 5 D}	componentSymbol
sym312_14		{BB 2 C}	componentSymbol
sym312_97		{NA 3 B}	componentSymbol
sym313_14		{BB 2 C}	componentSymbol
sym313_97		{NA 3 B}	componentSymbol
sym315_94		{BC 2 C}	componentSymbol
sym316_100		{BB 1 D}	componentSymbol
sym316_103		{IS 3 B}	componentSymbol
sym317_97		{NA 2 A}	componentSymbol
sym317_103		{IS 2 B}	componentSymbol
sym318_100		{IU 3 A}	componentSymbol
sym318_103		{IS 3 D}	componentSymbol
sym319_100		{IU 4 A}	componentSymbol
sym320_14		{AB 4 C}	componentSymbol
sym320_100		{IU 4 C}	componentSymbol
sym320_103		{IU 4 A}	componentSymbol
sym321_14		{GA 3 C}	componentSymbol
sym321_100		{IU 3 C}	componentSymbol
sym321_103		{IU 3 A}	componentSymbol
sym322_14		{GA 3 C}	componentSymbol
sym322_100		{IU 5 C}	componentSymbol
sym322_103		{IU 3 C}	componentSymbol
sym323_14		{GA 3 C}	componentSymbol
sym324_14		{GA 3 C}	componentSymbol
sym324_103		{IU 4 C}	componentSymbol
sym325_14		{GA 4 A}	componentSymbol
sym326_14		{GA 3 B}	componentSymbol
sym326_103		{IU 5 C}	componentSymbol
sym327_14		{GA 4 A}	componentSymbol
sym328_14		{GA 3 B}	componentSymbol

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sym329_14		{AB 4 C}	componentSymbol
sym334_14		{AB2 5 D}	componentSymbol
sym335_14		{AB2 3 D}	componentSymbol
sym344_163		{XD 3 C}	componentSymbol
sym345_163		{XD 3 C}	componentSymbol
sym352_3901		{AB3 2 C}	componentSymbol
sym361_3944		{AB2 4 A}	componentSymbol
sym362_3944		{AB2 3 B}	componentSymbol
sym363_3944		{AB2 3 B}	componentSymbol
sym366_553		{AF 5 D}	componentSymbol
sym367_3901		{AB3 2 E}	componentSymbol
sym369_3944		{AB 5 D}	componentSymbol
sym370_3944		{AB 5 D}	componentSymbol
sym372_3944		{AB 4 D}	componentSymbol
sym373_3944		{AB 4 B}	componentSymbol
sym374_3944		{AB 4 B}	componentSymbol
sym375_3944		{AB 4 B}	componentSymbol
sym376_3944		{AB 4 B}	componentSymbol
sym377_3944		{AB 1 C}	componentSymbol
sym378_3944		{AB 1 C}	componentSymbol
sym379_3944		{AB 1 C}	componentSymbol
sym380_3944		{AB 1 C}	componentSymbol
sym387_3944		{AB 1 C}	componentSymbol
sym388_3944		{AB 1 C}	componentSymbol
sym389_3944		{AB 2 C}	componentSymbol
sym390_3944		{AB 2 C}	componentSymbol
sym391_3944		{AB 1 C}	componentSymbol
sym392_3944		{AB 1 C}	componentSymbol
sym393_3944		{AB 1 C}	componentSymbol
sym394_3944		{AB 1 C}	componentSymbol
sym395_3944		{AB 1 C}	componentSymbol
sym396_3944		{AB 0 C}	componentSymbol
sym397_3944		{AB2 4 D}	componentSymbol
sym398_3944		{AB2 4 D}	componentSymbol
sym399_3944		{AB2 4 D}	componentSymbol
sym400_3944		{AB2 3 D}	componentSymbol
sym401_3944		{AB2 3 D}	componentSymbol
sym404_3944		{AB2 1 D}	componentSymbol
sym412_3944		{AB2 1 D}	componentSymbol
sym413_3944		{AB2 1 D}	componentSymbol
sym414_10		{CL 2 A}	componentSymbol
sym414_3944		{AB2 1 D}	componentSymbol

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sym415_10		{CL 3 A}	componentSymbol
sym415_3944		{AB2 0 D}	componentSymbol
sym416_3944		{AB2 0 D}	componentSymbol
sym417_3944		{AB2 0 D}	componentSymbol
sym418_3944		{AB2 0 D}	componentSymbol
sym419_3944		{AB2 0 B}	componentSymbol
sym420_3944		{AB2 1 B}	componentSymbol
sym421_3944		{AB2 1 B}	componentSymbol
sym422_3944		{AB2 1 B}	componentSymbol
sym423_3944		{AB2 3 D}	componentSymbol
sym424_3944		{AB2 3 D}	componentSymbol
sym425_3944		{AB2 2 D}	componentSymbol
sym426_3944		{AB2 2 D}	componentSymbol
sym427_3944		{AB2 2 D}	componentSymbol
sym428_3944		{AB2 1 D}	componentSymbol
sym429_3944		{BC 2 C}	componentSymbol
sym430_3944		{GB 1 C}	componentSymbol
sym431_3944		{GB 1 C}	componentSymbol
sym432_3944		{GB 4 A}	componentSymbol
sym434_3944		{GB 4 A}	componentSymbol
sym435_3944		{GB 1 A}	componentSymbol
sym436_3944		{GB 1 A}	componentSymbol
sym534_114		{CL 2 B}	componentSymbol
T900		{AC 3 B}	componentSymbol
U03	Modulator,EBS,rear axle(drive axle)	{EO 2 C}	componentSymbol
U04	Modulator EBS, bogie	{EP 4 B}	componentSymbol
U06	Voltage converter	{IU 4 C}	componentSymbol
U08	Modulator,EBS,front	{EO 3 C}	componentSymbol
U12	Voltage converter, Bi-xenon	{GE 4 C}	componentSymbol
U25	Voltage converter, DC/DC	{AC 2 C}	componentSymbol
UDS12:1		{XF 2 B}	inline_connector
UDS12:2		{XF 2 B}	inline_connector
UDS12:3		{CU 3 C}	inline_connector
UDS12:4		{CU 3 C}	inline_connector
UDS12:5		{XD 3 B}	inline_connector
UDS12:6		{XD 3 B}	inline_connector
UDS12:7		{CU 4 C}	inline_connector
UDS12:8		{CU 3 C}	inline_connector
UDS12:9		{CU 2 C}	inline_connector
UDS12:11		{CU 5 C}	inline_connector
UDS12:12		{CU 0 B}	inline_connector
UDS12_B:1		{XF 3 B}	inline_connector

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Part Name	Description	Location	Part Type
UDS12_B:2		{XF 3 B}	inline_connector
UDS12_B:3		{CU 3 C}	inline_connector
UDS12_B:4		{CU 3 C}	inline_connector
UDS12_B:5		{XD 3 B}	inline_connector
UDS12_B:6		{XD 3 B}	inline_connector
UDS12_B:7		{CU 4 D}	inline_connector
UDS12_B:8		{CU 2 D}	inline_connector
UDS12_B:9		{CU 2 D}	inline_connector
UDS12_B:11		{CU 4 D}	inline_connector
UDS12_B:12		{CU 0 B}	inline_connector
UDS12_F:1		{XF 2 B}	inline_connector
UDS12_F:2		{XF 2 B}	inline_connector
UDS12_F:3		{CU 4 C}	inline_connector
UDS12_F:4		{CU 4 C}	inline_connector
UDS12_F:5		{XD 2 B}	inline_connector
UDS12_F:6		{XD 2 B}	inline_connector
UDS12_F:7		{CU 4 D}	inline_connector
UDS12_F:8		{CU 3 D}	inline_connector
UDS12_F:9		{CU 2 D}	inline_connector
UDS12_F:11		{CU 5 D}	inline_connector
UDS12_F:12		{CU 0 B}	inline_connector
UDS12_M:1		{XF 2 B}	inline_connector
UDS12_M:2		{XF 2 B}	inline_connector
UDS12_M:3		{CU 3 C}	inline_connector
UDS12_M:4		{CU 3 C}	inline_connector
UDS12_M:5		{XD 3 B}	inline_connector
UDS12_M:6		{XD 3 B}	inline_connector
UDS12_M:7		{CU 4 D}	inline_connector
UDS12_M:8		{CU 3 D}	inline_connector
UDS12_M:9		{CU 2 D}	inline_connector
UDS12_M:11		{CU 5 D}	inline_connector
UDS12_M:12		{CU 0 B}	inline_connector
V03	Diod, Light	{GE 4 B}	componentSymbol
V04	Diod, Light	{GE 4 B}	componentSymbol
VBC159	Main switch I-start	{AC 3 C}	componentSymbol
VIC:1		{XC 3 A}	inline_connector
VIC:2		{XD 5 B} {CS 1 B}	inline_connector
VIC:3		{CS 4 B} {CS 5 C}	inline_connector
VIC:4		{XC 3 A}	inline_connector

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Part Name	Description	Location	Part Type
VIC:5		{XD 5 B} {CS 1 B}	inline_connector
VIC:6		{CS 3 B} {CS 5 C}	inline_connector
VIC:7		{CS 4 B}	inline_connector
VIC:8		{CS 4 C}	inline_connector
VIC:9		{AF 2 B}	inline_connector
VIC:10		{AF 1 C}	inline_connector
VIC:12		{AF 1 A}	inline_connector
VIC:13		{CS 5 C}	inline_connector
VIC:14		{BB 4 C}	inline_connector
VIC:15		{CS 5 C}	inline_connector
VIC:16		{BB 4 B}	inline_connector
VIC:17		{AF 1 B}	inline_connector
VIC:18		{CS 3 C}	inline_connector
VIC:20		{CS 1 C}	inline_connector
VIC:21		{CS 2 C}	inline_connector
VIC:22		{CS 2 C}	inline_connector
VIC:24		{CS 2 B}	inline_connector
VIC:25		{CS 4 C}	inline_connector
VIC:26		{CS 2 C}	inline_connector
VIC:27		{CS 0 C}	inline_connector
VIC:28		{CS 4 C}	inline_connector
VIC:29		{CS 2 B}	inline_connector
VIC:30		{CS 4 B}	inline_connector
VIC:31		{CS 0 C}	inline_connector
VIC:32		{CS 1 C}	inline_connector
VIC:33		{CS 1 C}	inline_connector
VIC:34		{CS 2 C}	inline_connector
VIC:35		{AF 3 B}	inline_connector
VIC:36		{CS 2 C}	inline_connector
VIC:37		{CS 3 C}	inline_connector
VIC:39		{CS 0 C}	inline_connector
X09	Slip contact/Horne	{IS 2 B}	componentSymbol
X901	Connector Battery +	{AB 1 A} {AB2 1 A}	componentSymbol
X903	VPDU Front with main relay and main switch	{AB 5 C}	componentSymbol
X904	VPDU Rear with preheat relay	{AB 2 C}	componentSymbol
X906	EXTERNAL CHARGER OUTLET	{AB 5 B}	componentSymbol
X910		{AB2 4 B}	componentSymbol
XC901:1		{NA2 0 C}	inline_connector
XC901:2		{NA2 1}	inline_connector

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Part Name	Description	Location	Part Type
		C}	
XC901:3		{XG 2 B}	inline_connector
XC901:4		{XG 2 A}	inline_connector
XC902:1	Fog lamps,front	{GE 1 B}	inline_connector
XC906:1		{AB 5 D}	inline_connector
XC906:2		{AB 5 D}	inline_connector
XC906:3		{AB 5 D}	inline_connector
XC906:4		{AB 4 D}	inline_connector
XC906:5		{AB 4 C}	inline_connector
XC906:6		{AB 4 C}	inline_connector
XC906A:1		{AB2 4 D}	inline_connector
XC906A:2		{AB2 4 D}	inline_connector
XC906A:3		{AB2 4 D}	inline_connector
XC906A:4		{AB2 4 D}	inline_connector
XC906A:5		{AB2 5 D}	inline_connector
XC906A:6		{AB2 3 D}	inline_connector
XC906A:7		{AB2 3 D}	inline_connector
XC908:4		{BA 4 A}	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
XC921:1		{CL 3 B}	inline_connector
XC921:2		{CL 3 B}	inline_connector
XC921:3		{CL 3 B}	inline_connector
XC922:1		{GB 1 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 2 B} {GE 5 C}	inline_connector
XC927_1/2:2		{GE 1 B} {GE 3 C}	inline_connector
XC927_1:1		{GE 5 C}	inline_connector
XC927_1:2		{GE 3 C}	inline_connector
XC927_2:1		{GE 2 B} {GE 5 C}	inline_connector
XC927_2:2		{GE 1 B} {GE 3 C}	inline_connector

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XC941:1		{ND 3 D}	inline_connector
XC941:3		{ND 2 D}	inline_connector
XC943:1		{XE 3 C}	inline_connector
XC943:2		{XE 3 C}	inline_connector
XCS102		{XE 3 C}	physical_splice_connector
XP004R.1	Alternator G03	{AF 2 B}	componentSymbol
XSA01		{XC 2 D}	physical_splice_connector
XSA02		{XC 2 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 0 B}	physical_splice_connector
XSA12		{XC 0 B}	physical_splice_connector
XSA13		{XD 2 D}	physical_splice_connector
XSA14		{XD 2 D}	physical_splice_connector
XSA15		{XD 1 D}	physical_splice_connector
XSA16		{XD 2 D}	physical_splice_connector
XSA17		{XD 1 D}	physical_splice_connector
XSA18		{XD 1 D}	physical_splice_connector
XSA19		{XD 1 D}	physical_splice_connector
XSA20		{XD 1 D}	physical_splice_connector
XSA21		{XD 0 D}	physical_splice_connector
XSA22		{XD 0 D}	physical_splice_connector
XSA23		{XD 1 C}	physical_splice_connector
XSA24		{XD 1 C}	physical_splice_connector
XSA25		{ZC 4 A}	physical_splice_connector
XSA26		{AA 5 A}	physical_splice_connector
XSA27		{FA 4 C}	physical_splice_connector
XSA28		{AA 2 B}	physical_splice_connector
XSA31		{ZC 4 B}	physical_splice_connector
XSA32		{BA 4 B}	physical_splice_connector
XSA34		{AA 3 D}	physical_splice_connector
XSA35		{ZC 1 B}	physical_splice_connector
XSA37		{FB 1 D}	physical_splice_connector
XSA40		{FB 2 D}	physical_splice_connector
XSA43		{ZC 2 B}	physical_splice_connector

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Part Name	Description	Location	Part Type
XSA44		{AF 4 C}	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		{DN 4 D}	physical_splice_connector
XSA59		{BA 5 B}	physical_splice_connector
XSA60		{NA 3 B}	physical_splice_connector
XSA61		{BA 4 C}	physical_splice_connector
XSA62		{XD 2 D}	physical_splice_connector
XSA63		{XC 3 D}	physical_splice_connector
XSA64		{XC 3 D}	physical_splice_connector
XSA65		{XD 2 D}	physical_splice_connector
XSA68		{XE 5 B}	physical_splice_connector
XSA69		{XE 5 B}	physical_splice_connector
XSA72		{AB 5 C}	physical_splice_connector
XSA73		{AB 4 C}	physical_splice_connector
XSB01		{XC 5 D}	physical_splice_connector
XSB02		{XC 5 D}	physical_splice_connector
XSB03		{XD 3 D}	physical_splice_connector
XSB04		{XD 3 D}	physical_splice_connector
XSB05		{XD 4 D}	physical_splice_connector
XSB06		{XD 4 D}	physical_splice_connector
XSB07		{XJ 1 B}	physical_splice_connector
XSB08		{XJ 1 B}	physical_splice_connector
XSB09		{ZC 4 B}	physical_splice_connector
XSB10		{ZC 5 D}	physical_splice_connector
XSB11		{ZC 5 C}	physical_splice_connector
XSB12		{GM 3 C}	physical_splice_connector
XSB13		{GB 1 D}	physical_splice_connector
XSB15		{GB 1 C}	physical_splice_connector
XSB18		{IU 4 C}	physical_splice_connector
XSB19		{IU 4 C}	physical_splice_connector
XSB20		{FA 1 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 B}	physical_splice_connector
XSB25		{AA 4 B}	physical_splice_connector
XSB26		{NC 3 B}	physical_splice_connector
XSB28		{XF 0 C}	physical_splice_connector
XSB29		{XF 0 C}	physical_splice_connector

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XSB30		{IU 4 C}	physical_splice_connector
XSB31		{IU 4 C}	physical_splice_connector
XSB32		{XC 4 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		{ND 3 C}	physical_splice_connector
XSB38		{XE 3 C}	physical_splice_connector
XSB39		{XE 4 D}	physical_splice_connector
XSB40		{NA 1 C}	physical_splice_connector
XSB43		{XG 1 B}	physical_splice_connector
XSB44		{XG 1 A}	physical_splice_connector
XSB45		{XJ 3 C}	physical_splice_connector
XSB46		{XJ 3 C}	physical_splice_connector
XSB47		{XJ 1 C}	physical_splice_connector
XSB48		{XJ 1 C}	physical_splice_connector
XSB49		{XC 5 D}	physical_splice_connector
XSB50		{XC 5 D}	physical_splice_connector
XSC02		{GE 3 B}	physical_splice_connector
XSC04		{GE 5 B}	physical_splice_connector
XSC05		{GE 4 B}	physical_splice_connector
XSC06		{GE 3 B}	physical_splice_connector
XSC07		{ZC 3 C}	physical_splice_connector
		{ZC 3 D}	
XSC15		{GE 0 A}	physical_splice_connector
XSC16		{GB 5 C}	physical_splice_connector
XSC17		{ZC 2 C}	physical_splice_connector
XSC20		{GE 2 C}	physical_splice_connector
XSC21		{DN 4 B}	physical_splice_connector
XSC95		{XE 1 D}	physical_splice_connector
XSC96		{XE 1 C}	physical_splice_connector
XSC97		{XE 2 C}	physical_splice_connector
XSC98		{XE 2 D}	physical_splice_connector
XSC99		{CL 3 C}	physical_splice_connector
XSC101		{XE 3 D}	physical_splice_connector
XSD01		{AB2 4 D}	physical_splice_connector
XSF01		{GA 4 B}	physical_splice_connector
XSF09		{GA 1 B}	physical_splice_connector
XSF10		{GA 1 B}	physical_splice_connector
XSF11		{GA 3 B}	physical_splice_connector
XSF12		{GA 3 C}	physical_splice_connector
XSF13		{GA 4 B}	physical_splice_connector

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XSF14		{ZC 1 C}	physical_splice_connector
XSF15		{CX 3 C}	physical_splice_connector
XSF17		{CX 5 C}	physical_splice_connector
XSF18		{CX 2 B} {XH 3 D}	physical_splice_connector
XSF19		{ZC 3 B}	physical_splice_connector
XSF21		{XH 3 B}	physical_splice_connector
XSF22		{CU 4 D}	physical_splice_connector
XSF23		{NA 4 D}	physical_splice_connector
XSF24		{CX 3 B}	physical_splice_connector
XSF25		{CX 4 B}	physical_splice_connector
XSF26		{XH 2 B}	physical_splice_connector
XSF27		{XH 2 B}	physical_splice_connector
XSF28		{XH 3 B}	physical_splice_connector
XSF29		{FB 4 C}	physical_splice_connector
XSF30		{XH 4 B}	physical_splice_connector
XSF31		{XH 4 B}	physical_splice_connector
XSF32		{FB 5 B}	physical_splice_connector
XSF33		{XH 2 C}	physical_splice_connector
XSF35		{CX 1 D}	physical_splice_connector
XSF39		{CX 4 B}	physical_splice_connector
XSF40		{CX 3 C}	physical_splice_connector
XSF41		{XD 4 C}	physical_splice_connector
XSF42		{XD 4 C}	physical_splice_connector
XSF43		{CS 0 D}	physical_splice_connector
XSF44		{CX 3 C}	physical_splice_connector
XSF46		{CS 0 D}	physical_splice_connector
XSF54		{XC 2 B}	physical_splice_connector
XSF55		{XC 2 B}	physical_splice_connector
XSF56		{XC 3 B}	physical_splice_connector
XSF57		{XC 3 B}	physical_splice_connector
XSF71		{CU 1 B}	physical_splice_connector
XSF72		{CU 4 A}	physical_splice_connector
XSF73		{CU 5 A}	physical_splice_connector
XSF76		{CU 5 C}	physical_splice_connector
XSF80		{XF 2 C}	physical_splice_connector
XSF81		{XF 2 C}	physical_splice_connector
XSF82		{XF 2 C}	physical_splice_connector
XSF83		{XF 2 C}	physical_splice_connector
XSF84		{XF 3 C}	physical_splice_connector
XSF85		{XF 3 C}	physical_splice_connector
XSF86		{XF 4 C}	physical_splice_connector

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XSF87		{XF 4 C}	physical_splice_connector
XSF88		{XF 4 C}	physical_splice_connector
XSF89		{XF 5 C}	physical_splice_connector
XSF92		{BA 3 D}	physical_splice_connector
XSF93		{BB 3 C}	physical_splice_connector
XSF94		{BB 3 B}	physical_splice_connector
XSF95		{AB 3 B}	physical_splice_connector
XSF96		{AB 3 C}	physical_splice_connector
XSF97		{CS 5 D}	physical_splice_connector
XSF98		{CS 3 D}	physical_splice_connector
XSF102		{CU 2 D}	physical_splice_connector
XSF103		{CU 2 D}	physical_splice_connector
XSF104		{CU 3 D}	physical_splice_connector
XSF105		{CU 2 D}	physical_splice_connector
XSF106		{CU 4 D}	physical_splice_connector
XSF107		{CU 4 D}	physical_splice_connector
XSF108		{CU 3 D}	physical_splice_connector
XSF109		{CU 3 D}	physical_splice_connector
XSF110		{CU 5 D}	physical_splice_connector
XSF111		{CU 5 D}	physical_splice_connector
XSF112		{CU 4 D}	physical_splice_connector
XSF113		{CU 0 A}	physical_splice_connector
XSF114		{CU 0 A}	physical_splice_connector
XSF115		{XG 2 A}	physical_splice_connector
XSF116		{XG 2 B}	physical_splice_connector
XSF117		{XG 4 A}	physical_splice_connector
XSF118		{XG 4 B}	physical_splice_connector
XSF119		{DN2 2 D}	physical_splice_connector
XSF120		{DN2 2 D}	physical_splice_connector
XSF121		{DN2 3 C}	physical_splice_connector
XSF122		{DN2 2 C}	physical_splice_connector
XSF123		{DN2 3 D}	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
XSM01		{GN 4 D}	physical_splice_connector
XSM02		{ZC 0 C}	physical_splice_connector
XSN01		{BA 2 A}	physical_splice_connector

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XSU25		{AB 3 C}	physical_splice_connector
XU25:1		{AC 2 D}	inline_connector
XU25:2		{AC 2 C}	inline_connector
XU25:3		{AC 2 D}	inline_connector
XU25:4		{AC 2 D}	inline_connector
XU25:5		{AC 2 D}	inline_connector
Y02	Solenoid valve,Differential lock,rear wheels	{EP 1 C}	componentSymbol
Y25	Solenoid valve unit, ECS, Rear axle	{FA 5 C}	componentSymbol
Y36	Solenid valve,Steerable axle,Bogie	{BB 0 B}	componentSymbol
Y40	Solenoid valve unit, ECS, Front axle	{FA 4 B}	componentSymbol
Y72	Valve, Horn	{IS 3 C}	componentSymbol
Y900	solenoid valve unit, ECS, Bogie axle	{FA 2 C}	componentSymbol
Y901	Fuel cut off valve front axle	{NA 5 C}	componentSymbol
Y911	sol_valve_inj_SCRT_DNOX2	{CU 3 D}	componentSymbol
Y911_10	sol valve DEF inj.	{CX 2 A}	componentSymbol
Y912	sol_valve_adblue_tank_heating_SCRT_DNOX2	{CU 4 B}	componentSymbol
Y912_US	Sol_Valve_Heating_Urea_Tank	{CX 3 B}	componentSymbol
Y914	Pressure control valve(PCU/R)	{EP 5 C}	componentSymbol
Y915	Pressure controll valve (PCU/R)	{EP 5 C}	componentSymbol
Y939	Solenoid Valve AHI	{BA 2 A}	componentSymbol

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