



Volvo Bus Corporation

VOLVO 9700 US/CAN

**WIRING DIAGRAM
HEATING SYSTEM
PNEUMATIC SYSTEM**

**Chassis number
B13R_133287-133296_ENG**



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Document Description

Document	Revision	Description
21250316	1	Wiring Diagram, BEA-Body9700-DOT
21069210	5	Dashboard
21253835	3	Electrical Distribute Unit
21351112	1	Heating System
21289798	1	Heater Installation Drawing
70366809	7	Control System, Pneumatic Body
21375565	1	Wiring Diagram EC Cooper Bussman

Engineering Release Notice (ERN)	Location	Change Description	A = Added U = Deleted	W = Was	Document Release Status RELEASED
E-23113-43					Date 2008-05-27 Modification Count

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BEA – BODY 9700 - DOT

VOLVO

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Document Type
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Owner Domain:Document Prefix

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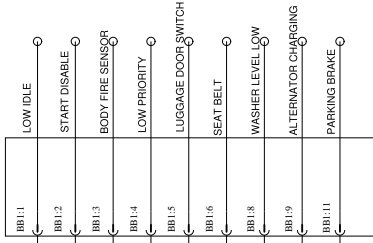
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BODY BUILDERS

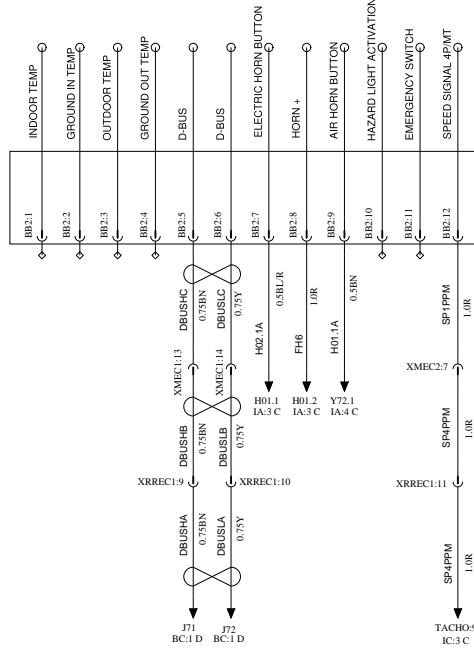
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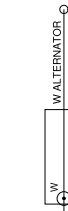
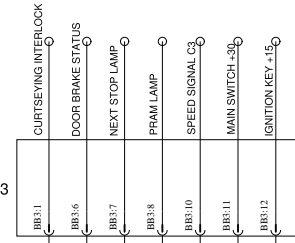
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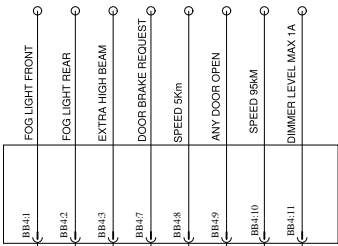
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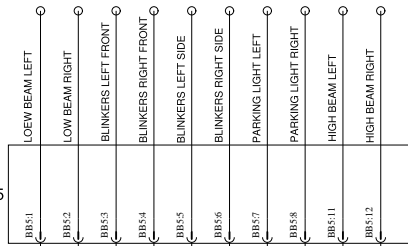
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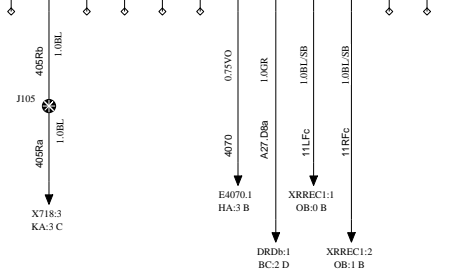
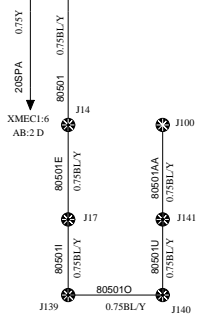
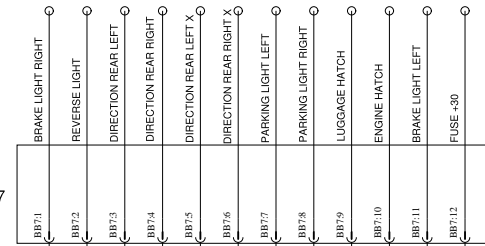
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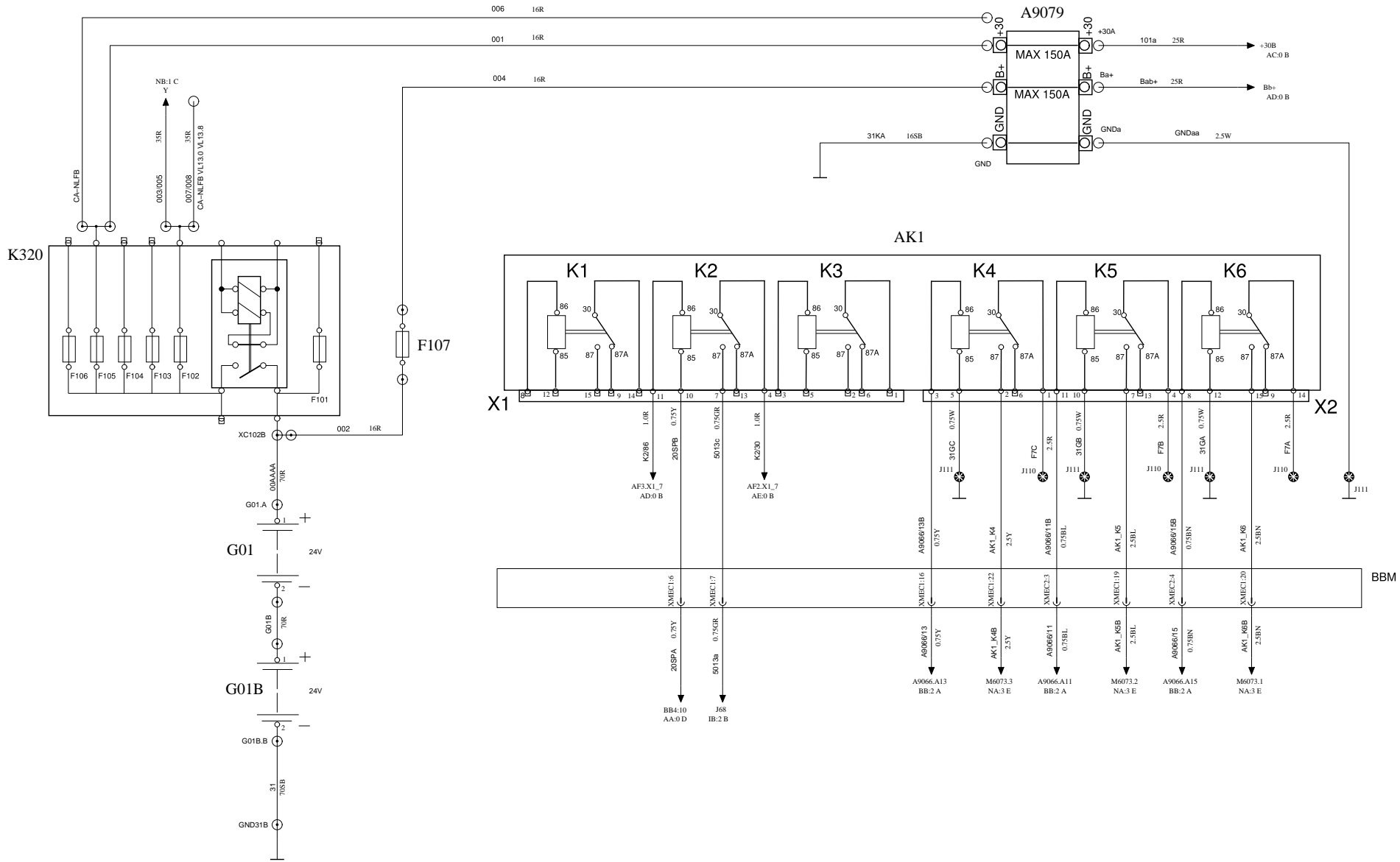
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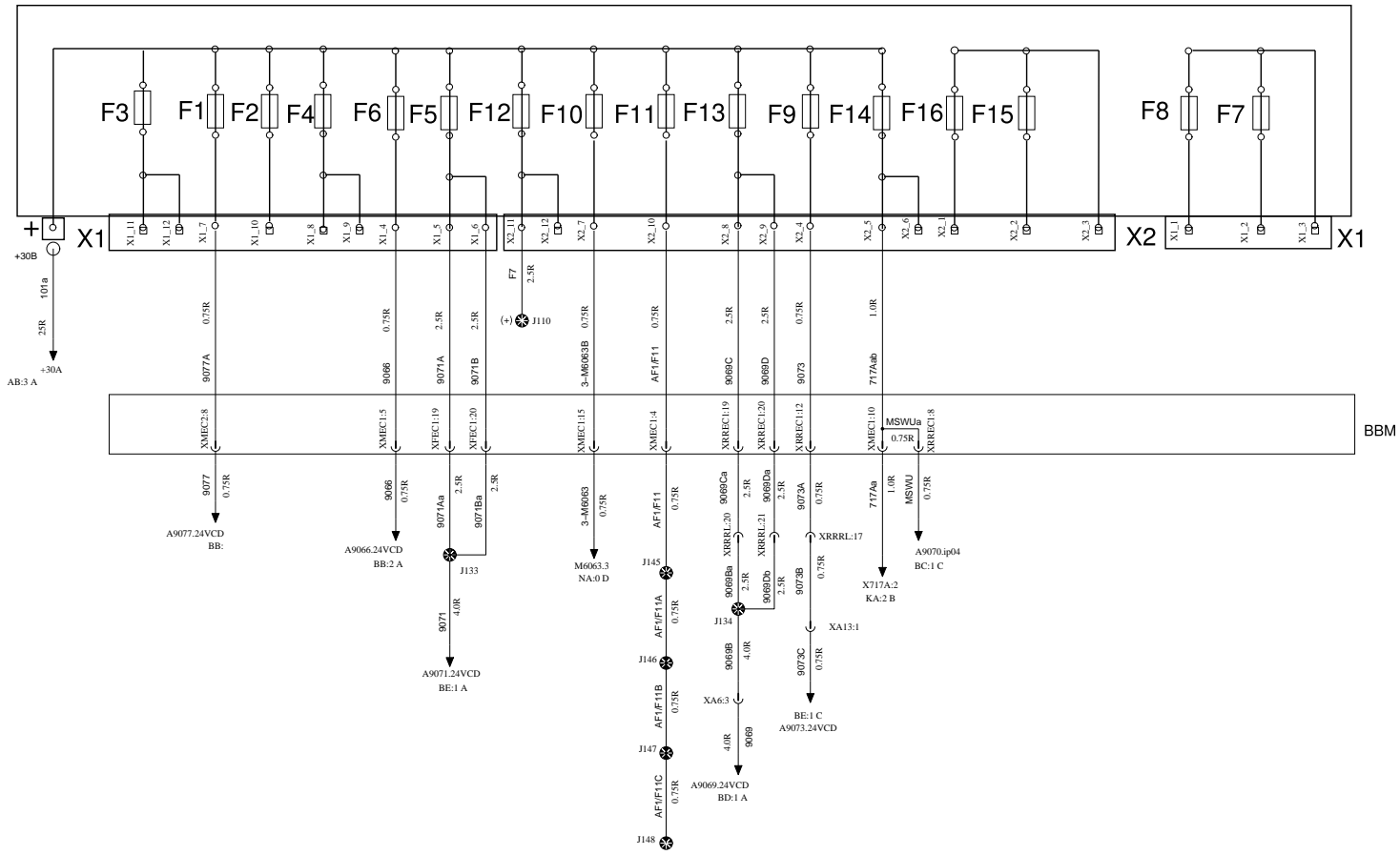
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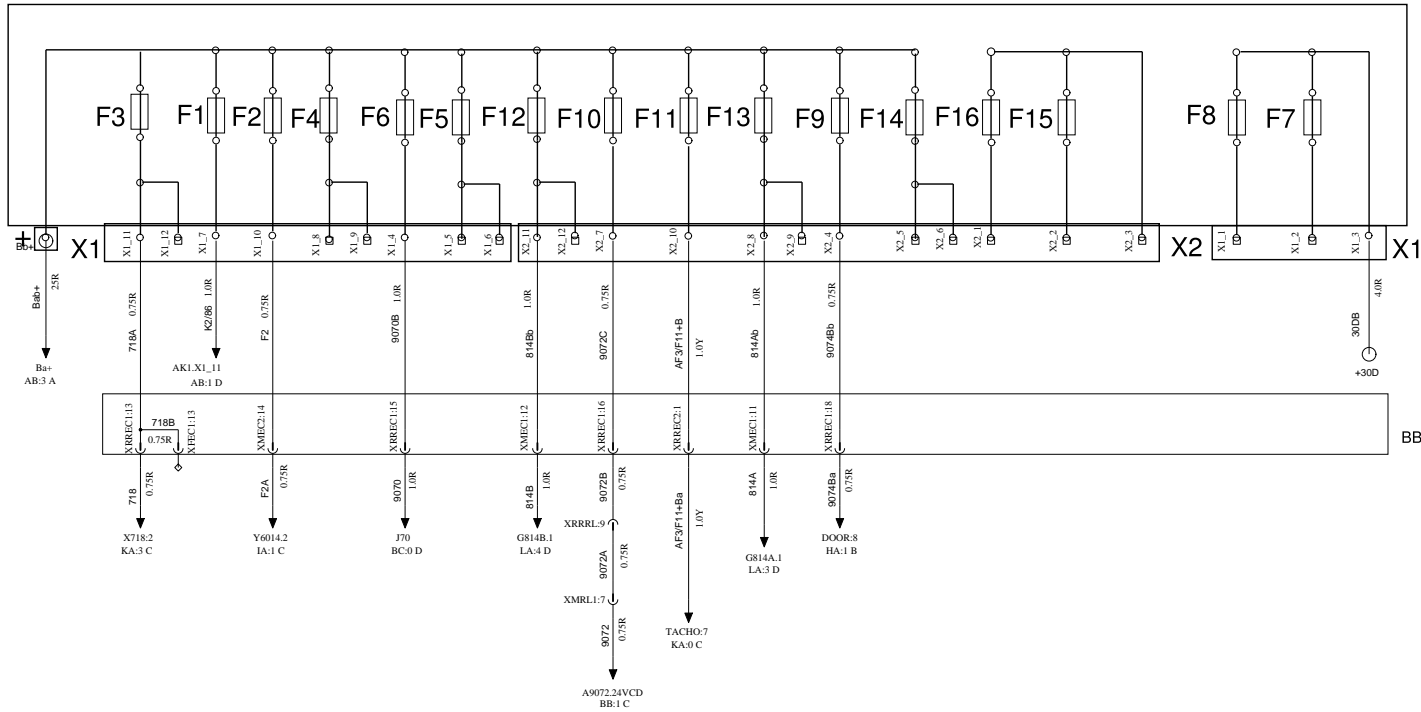
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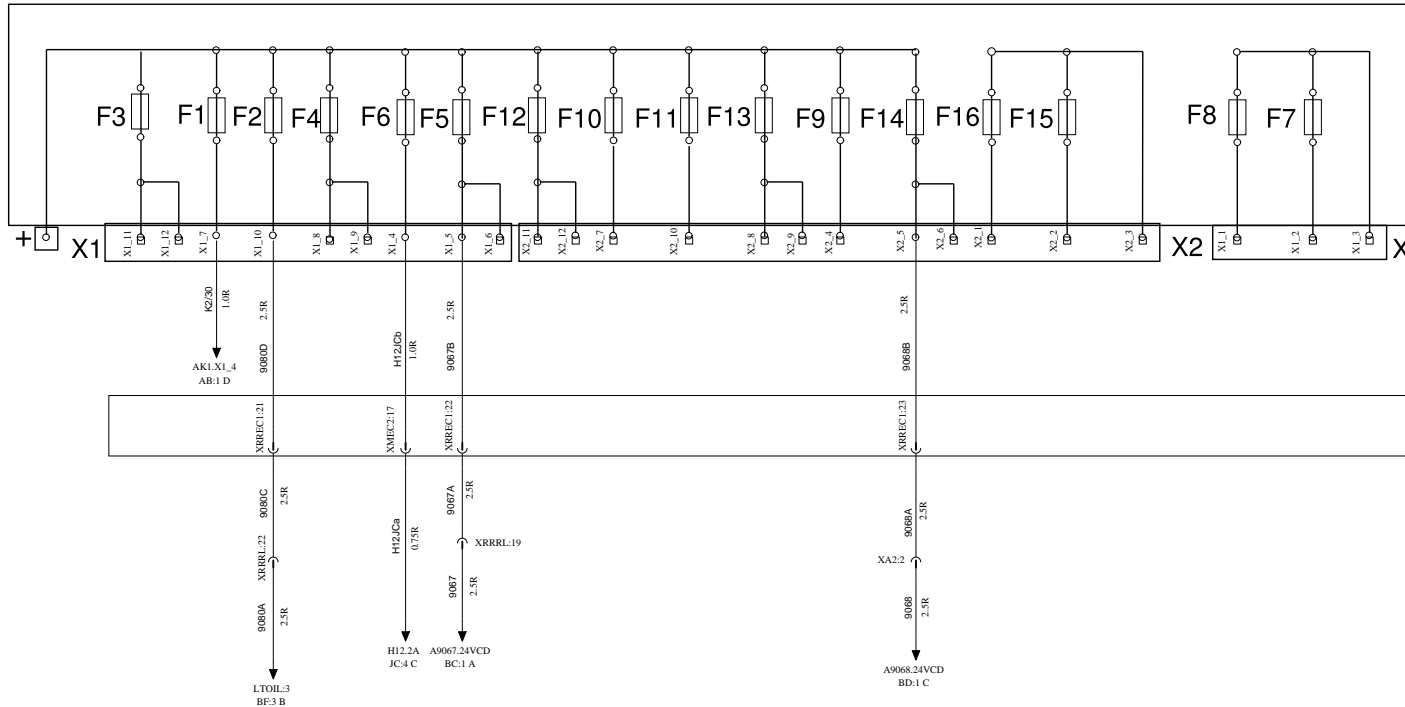
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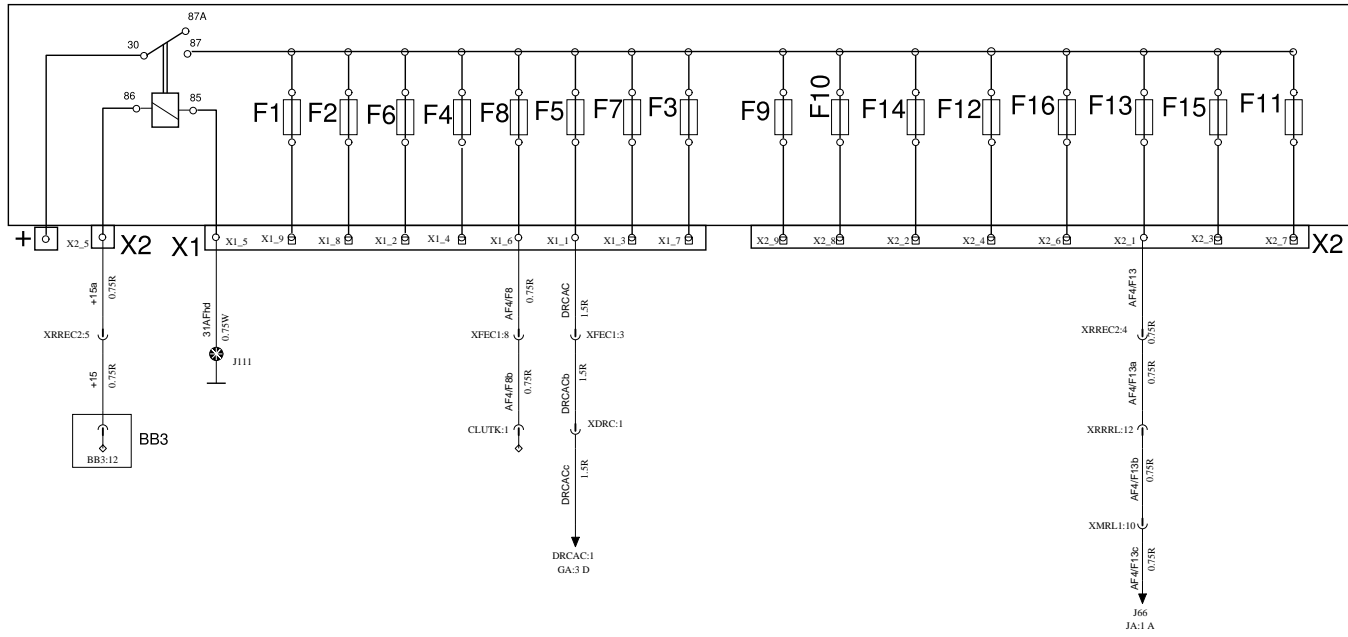
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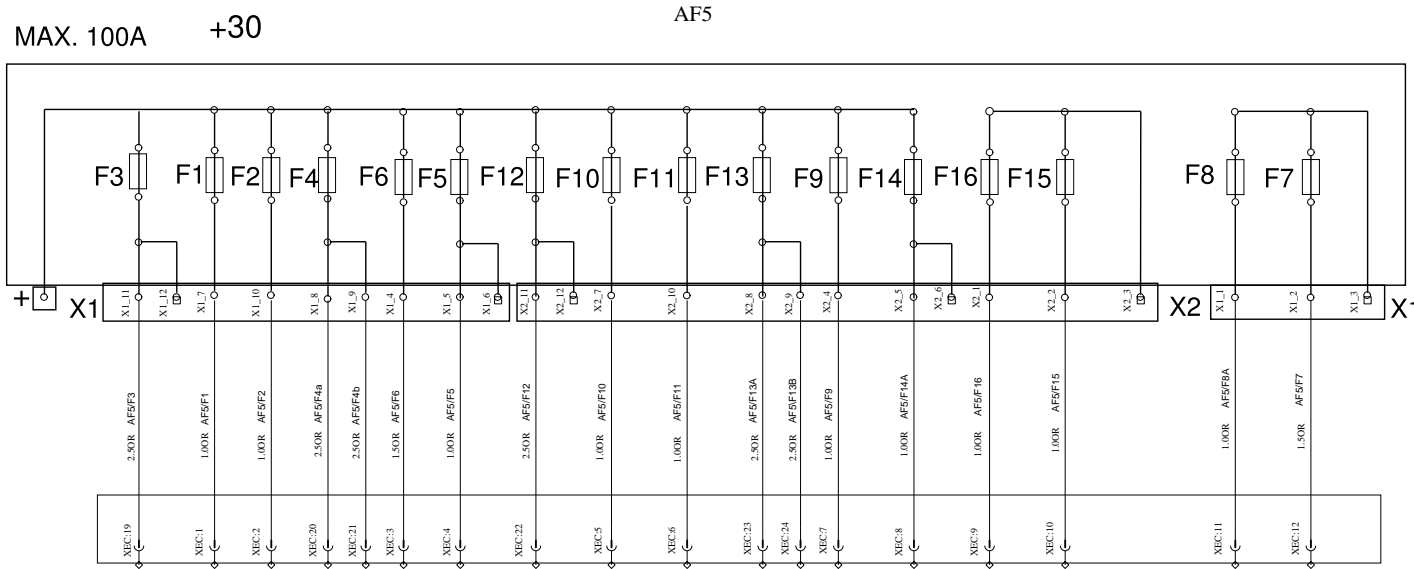
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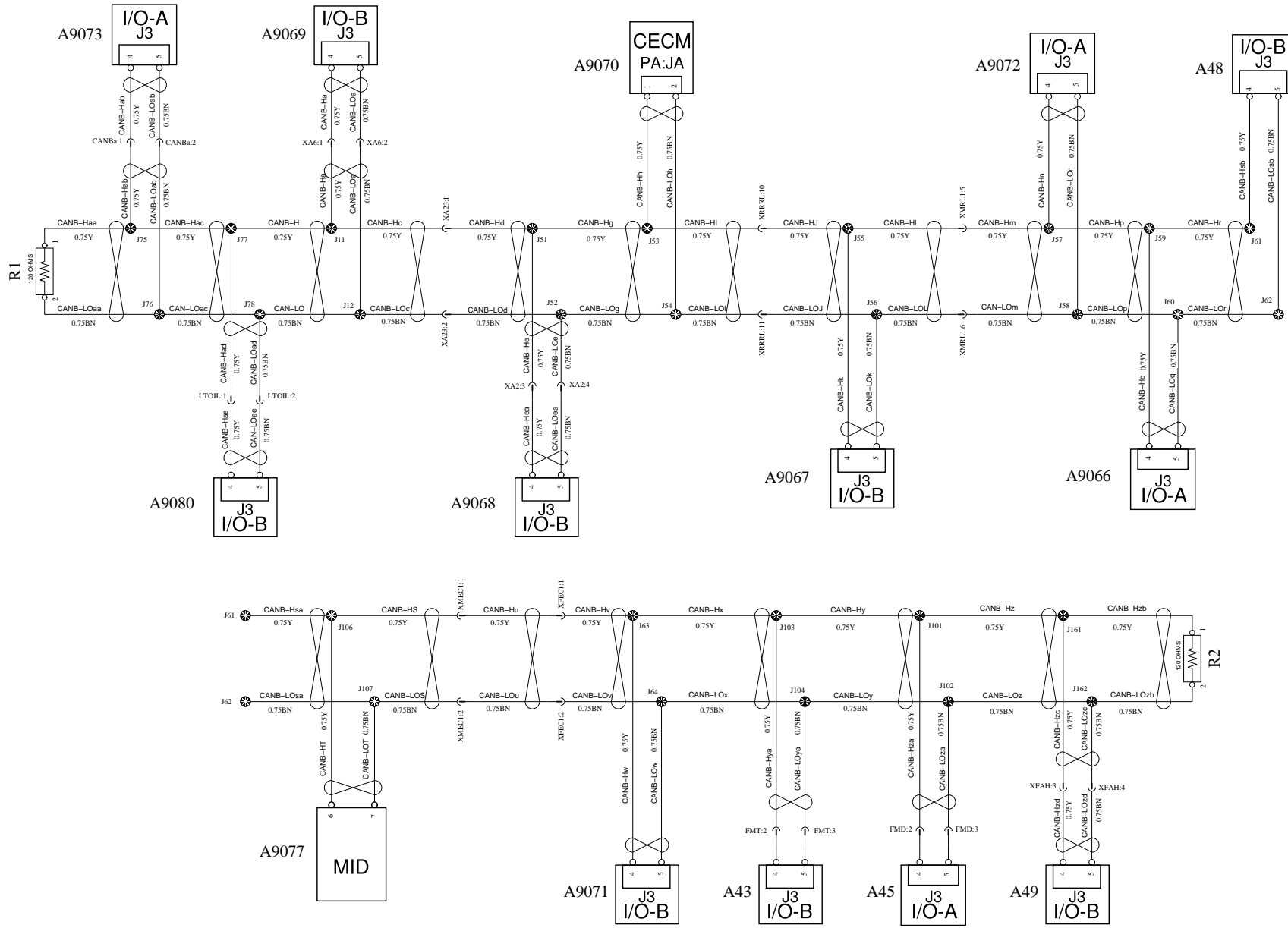




CONTROL MODULES

BA

WIRING DIAGRAM



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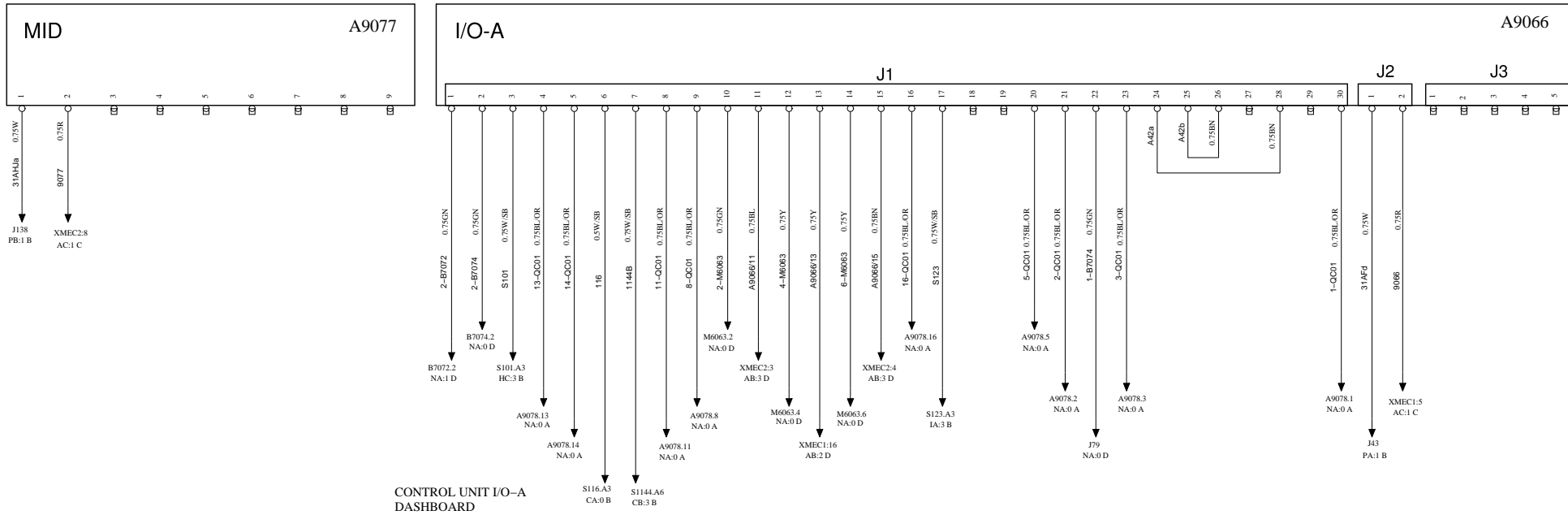
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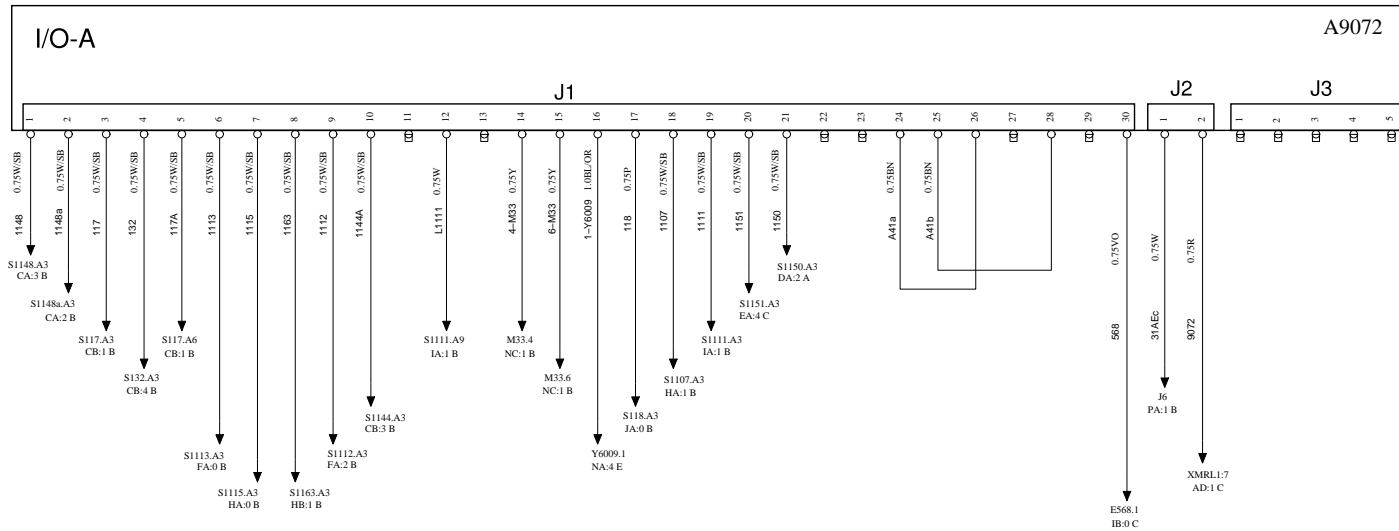
WIRING DIAGRAM

CONTROL UNIT MASTER ID

CONTROL UNIT I/O-A
CLIMATE CONTROL



CONTROL UNIT I/O-A
DASHBOARD

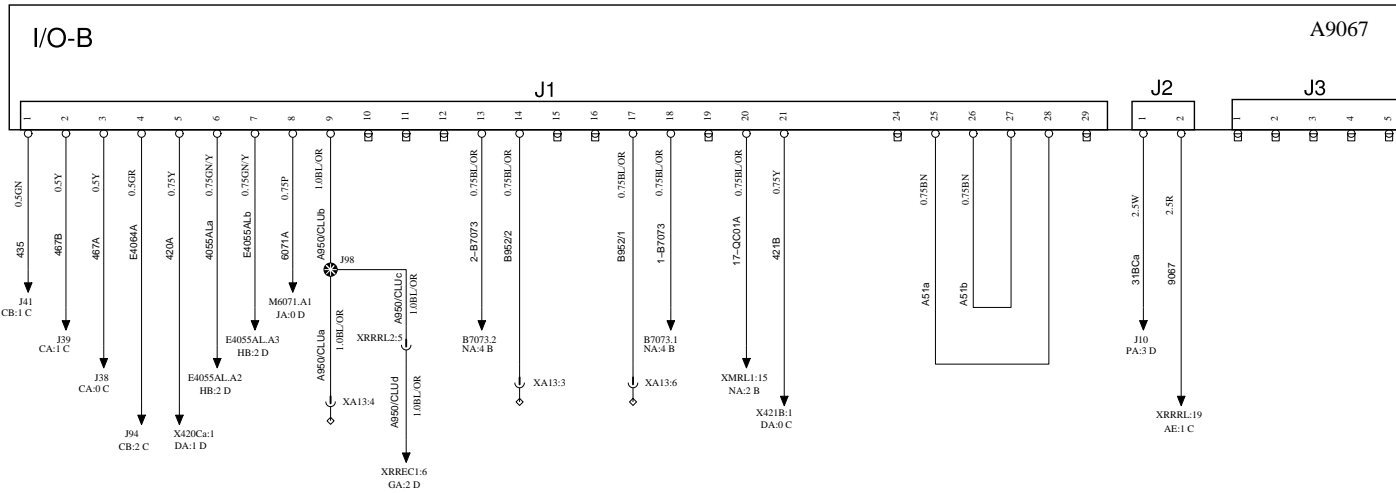


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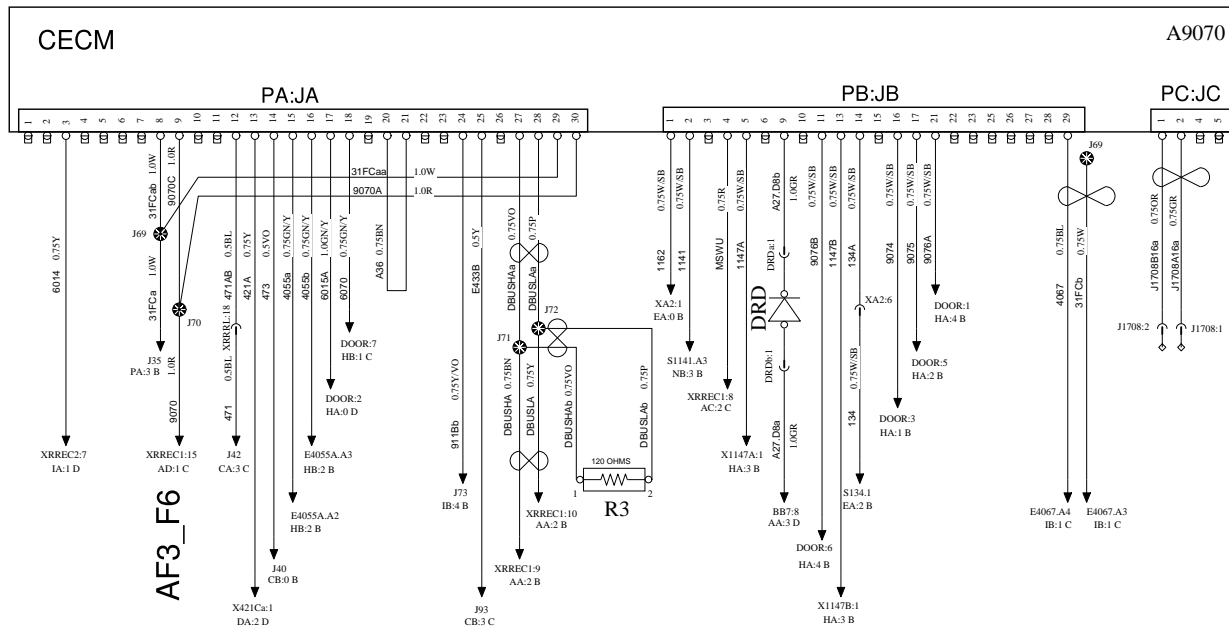
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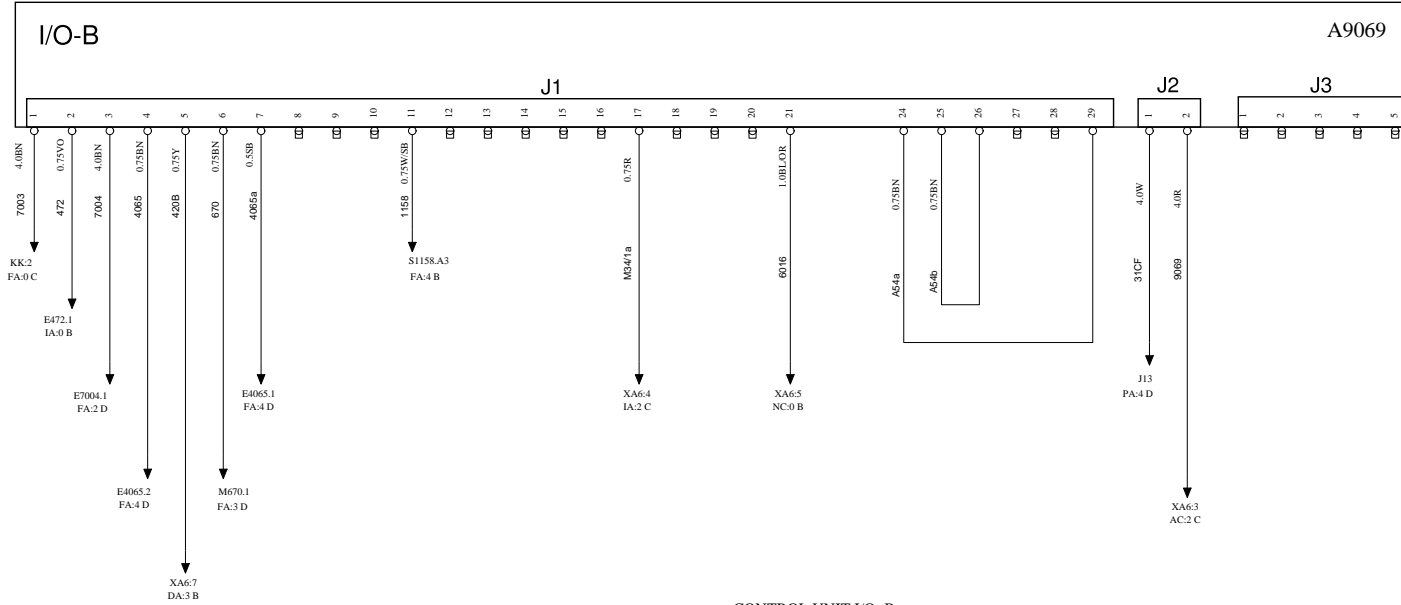
CONTROL UNIT I/O-B
ROOF LEFT



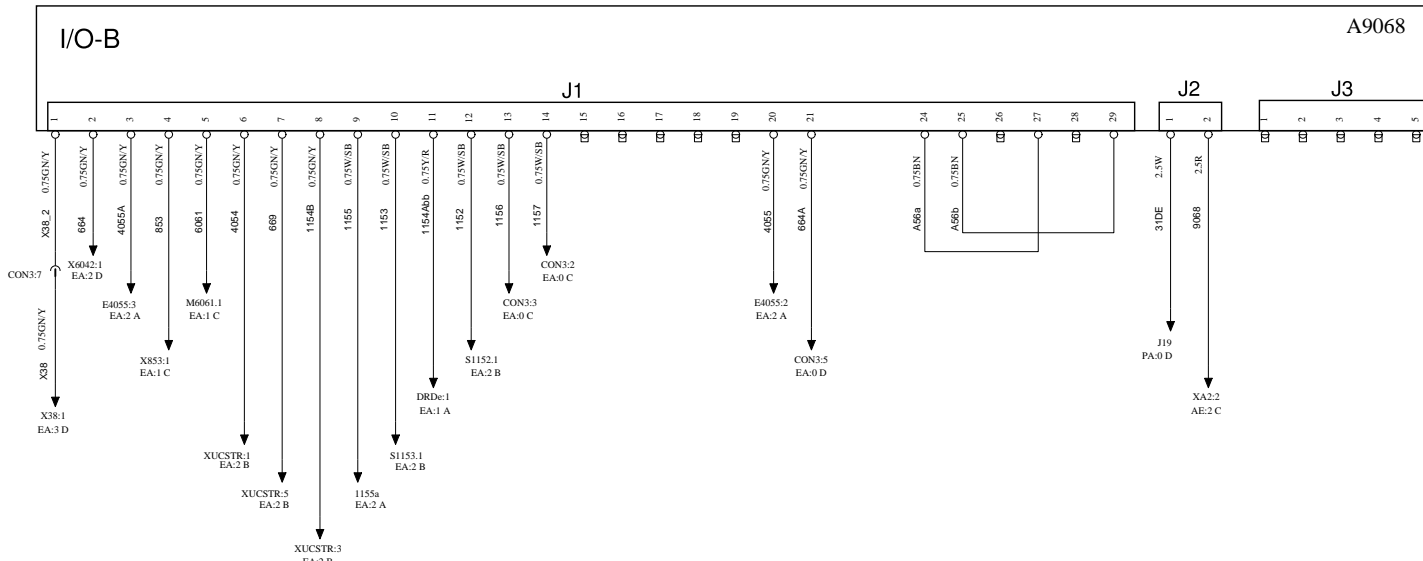
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ROOF RIGHT



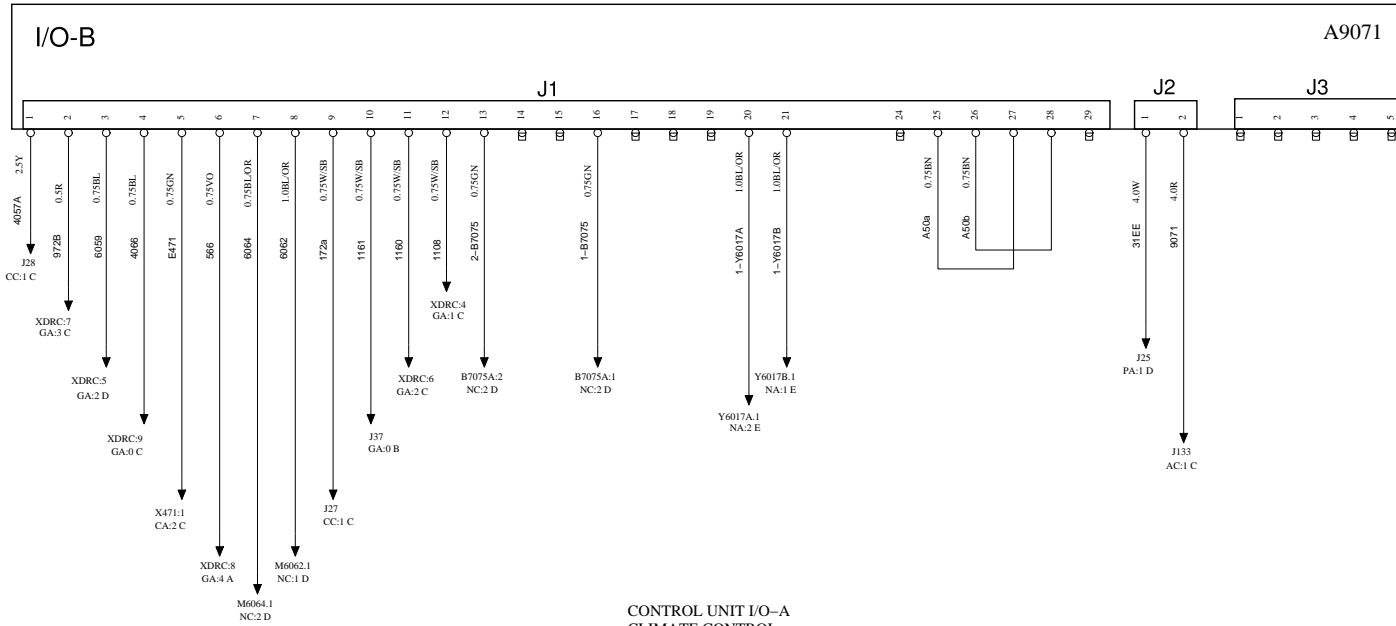
CONTROL UNIT I/O-B
KITCHEN



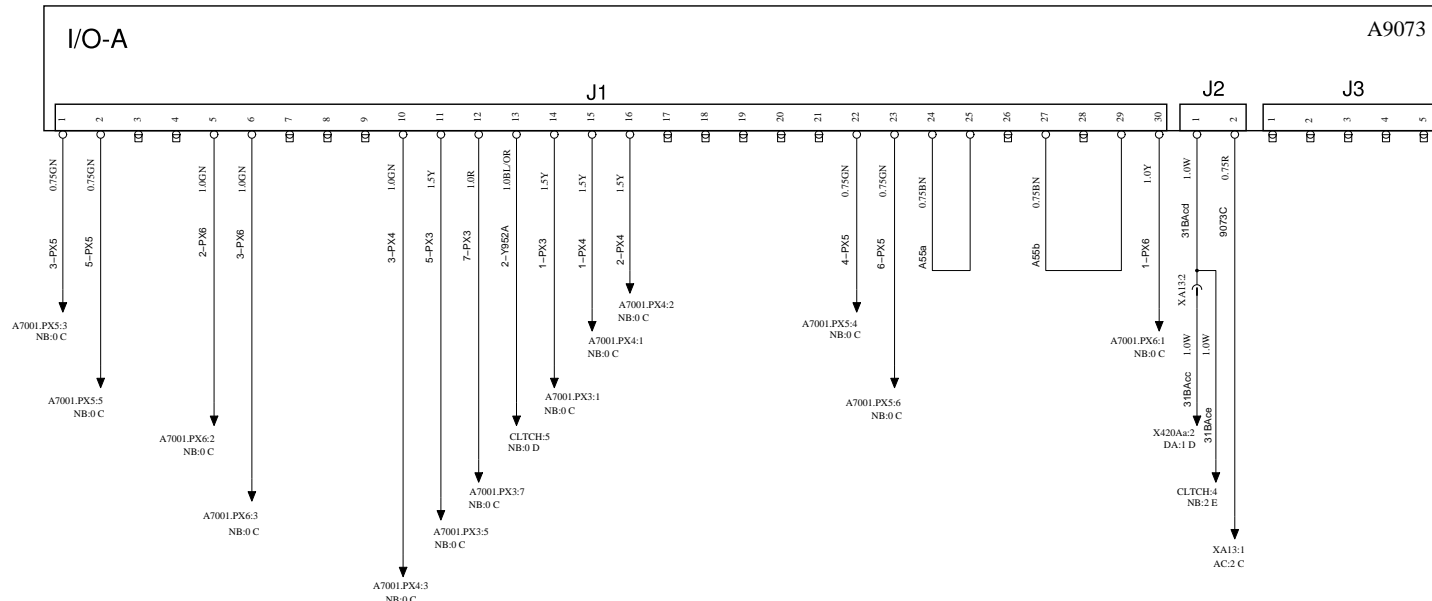
CONTROL UNIT I/O-B
TOILET



CONTROL UNIT I/O-B
FLOOR



CONTROL UNIT I/O-A
CLIMATE CONTROL



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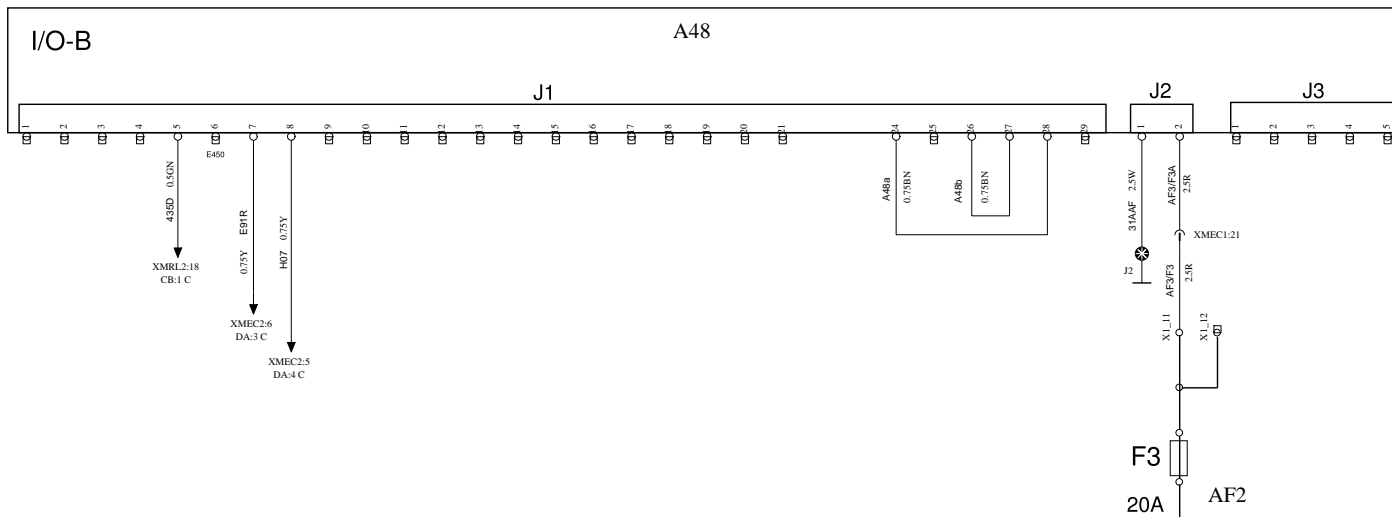
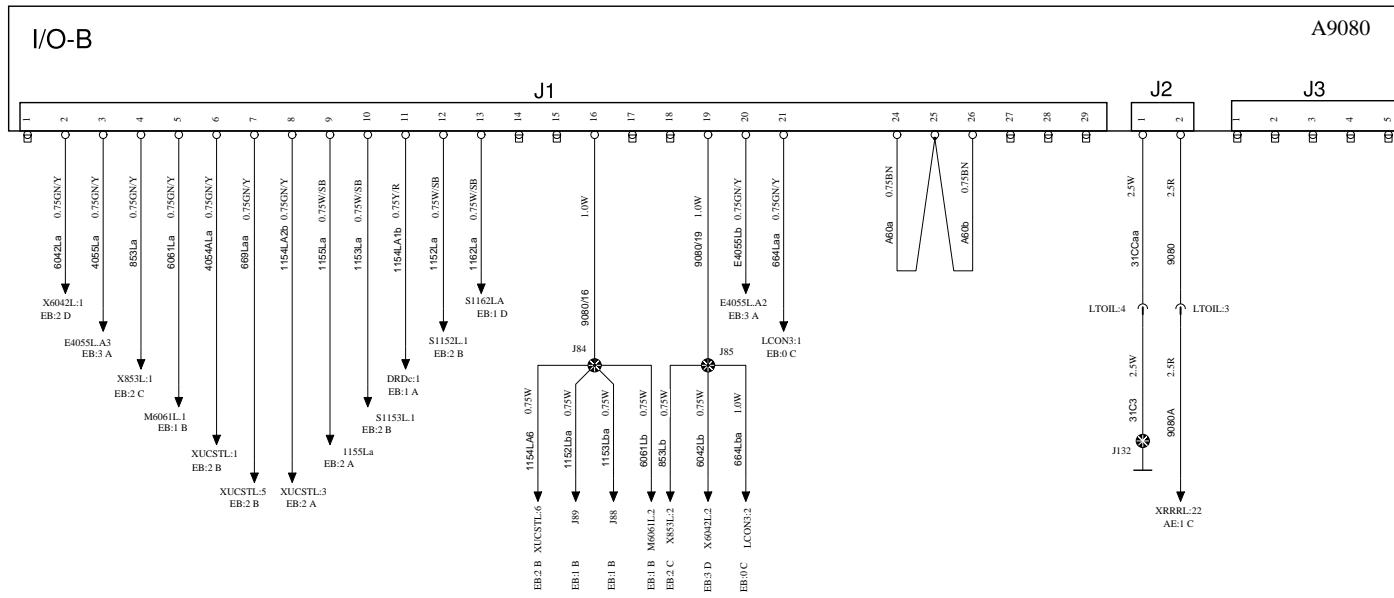
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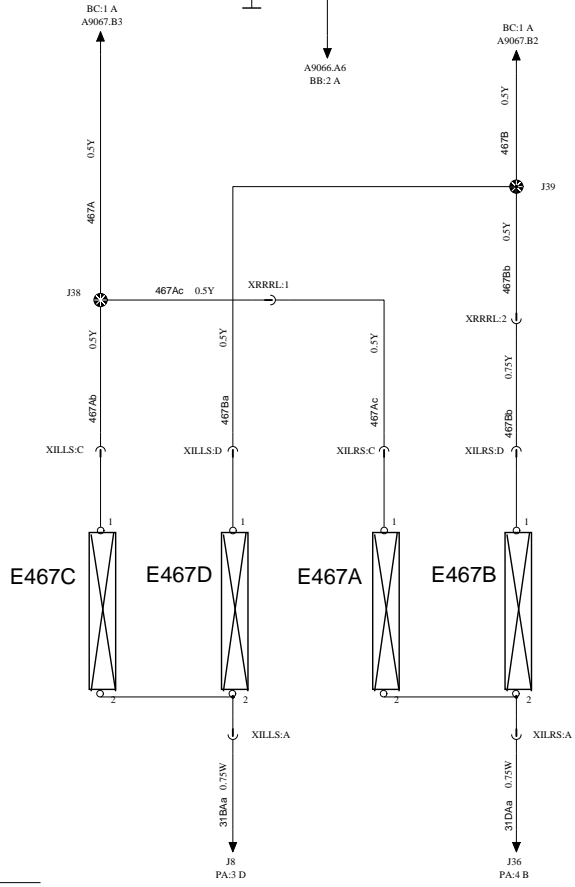
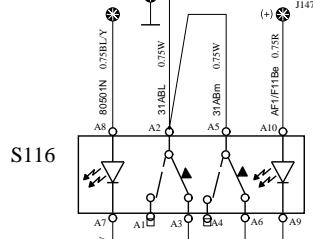
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CONTROL UNIT I/O-B
LEFT TOILET



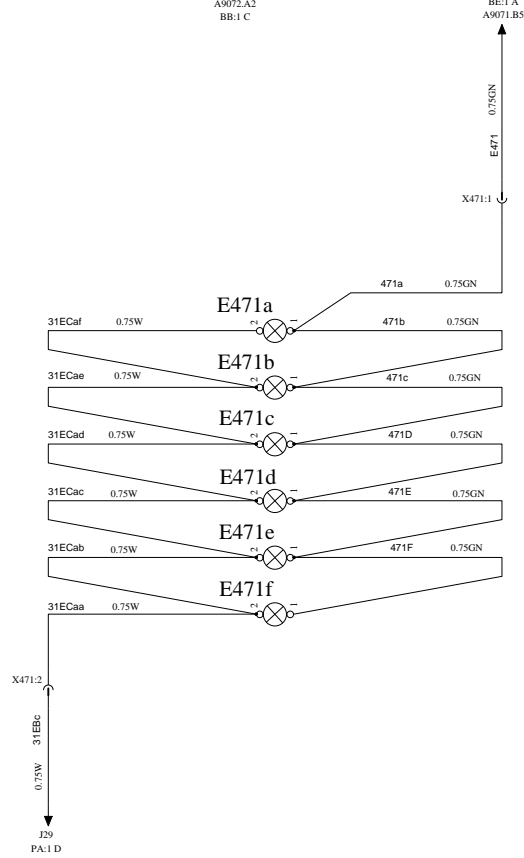
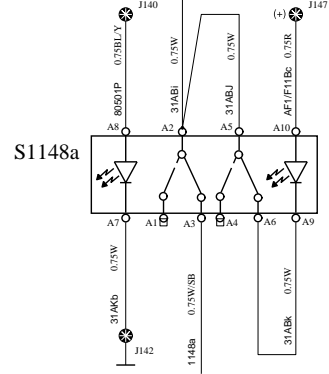
INTERIOR LIGHTS

INTERIOR LIGHTS



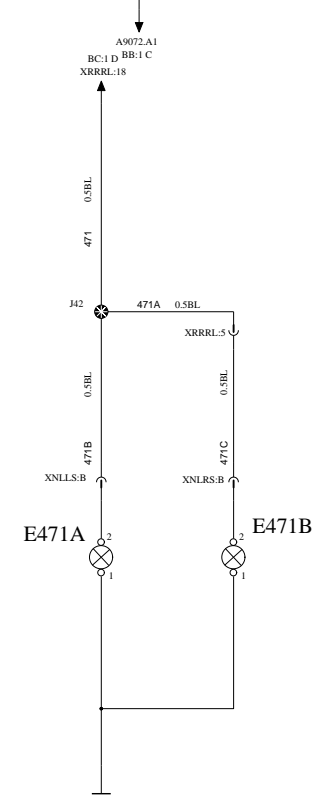
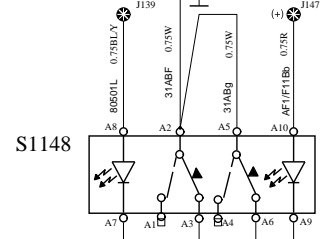
CA

SEAT NIGHT LIGHT



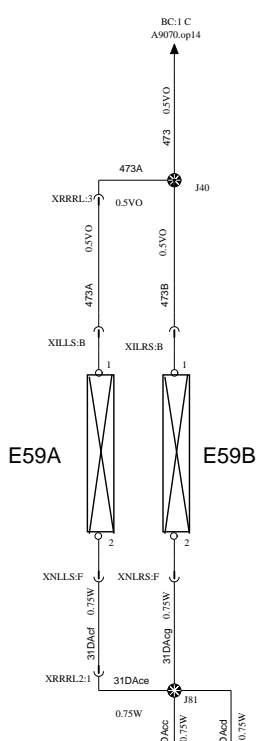
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NIGHT LIGHT

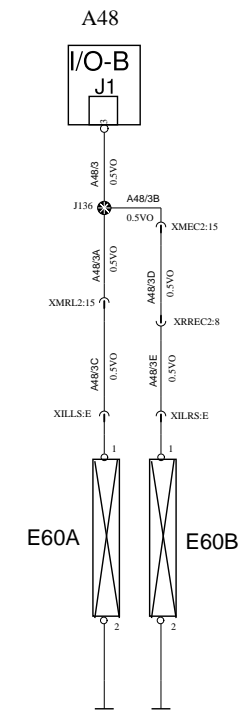


INTERIOR LIGHTS

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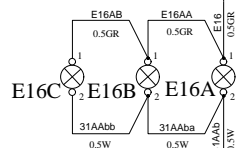
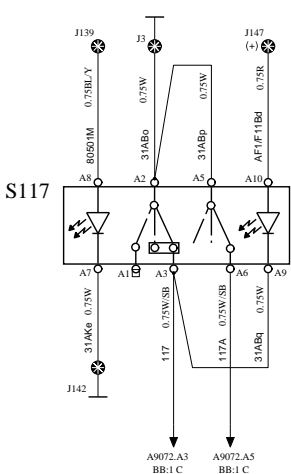


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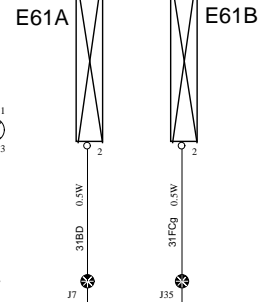
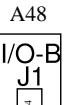
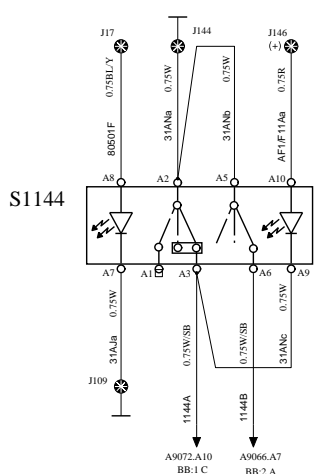


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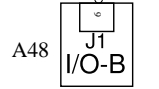
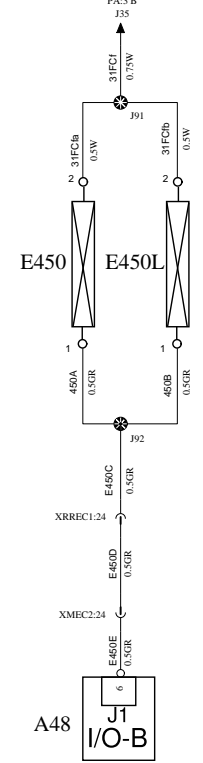
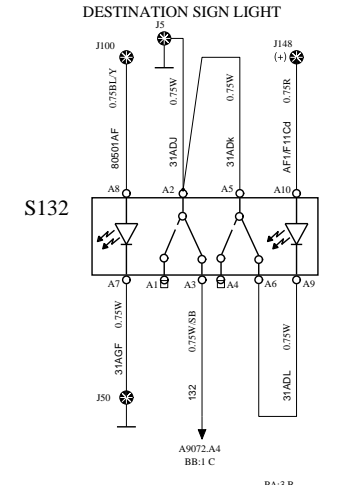
READING LIGHTS



DRIVER & GUIDE LIGHT



DESTINATION SIGN LIGHT

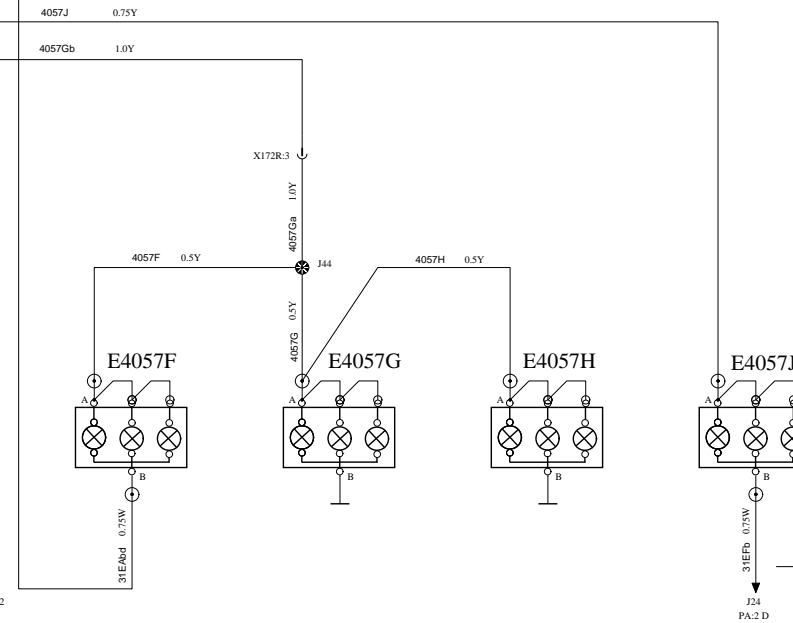
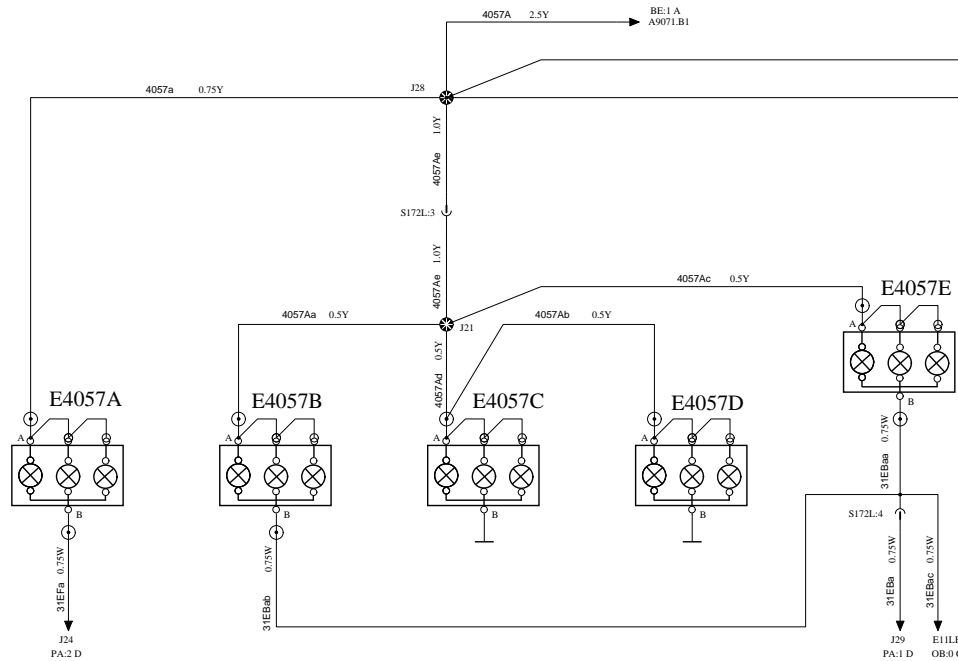
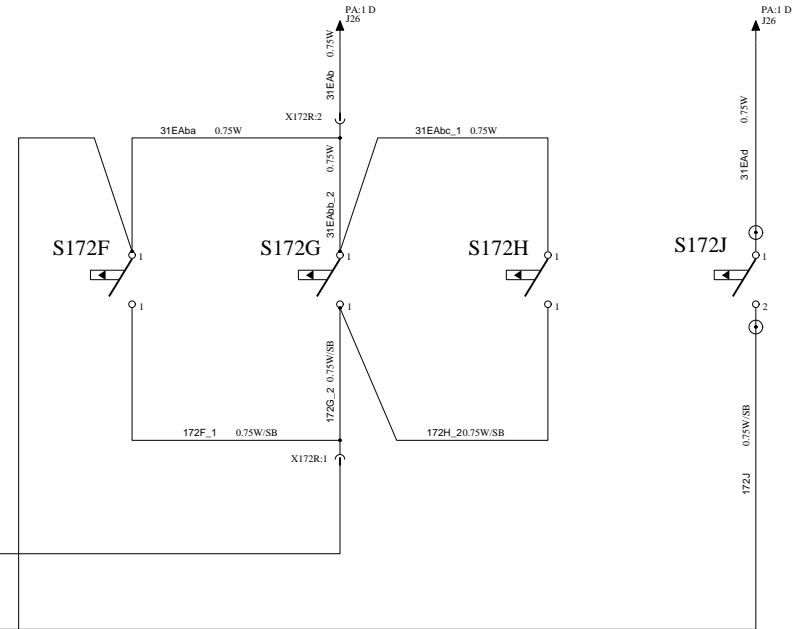
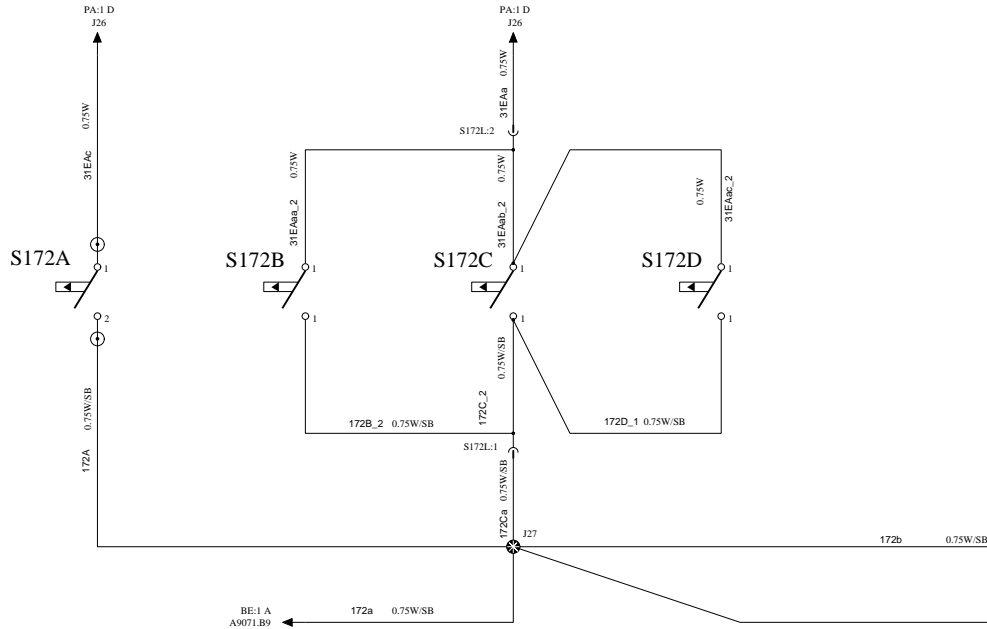


WIRING DIAGRAM

LUGGAGE LIGHTS

CC

WIRING DIAGRAM



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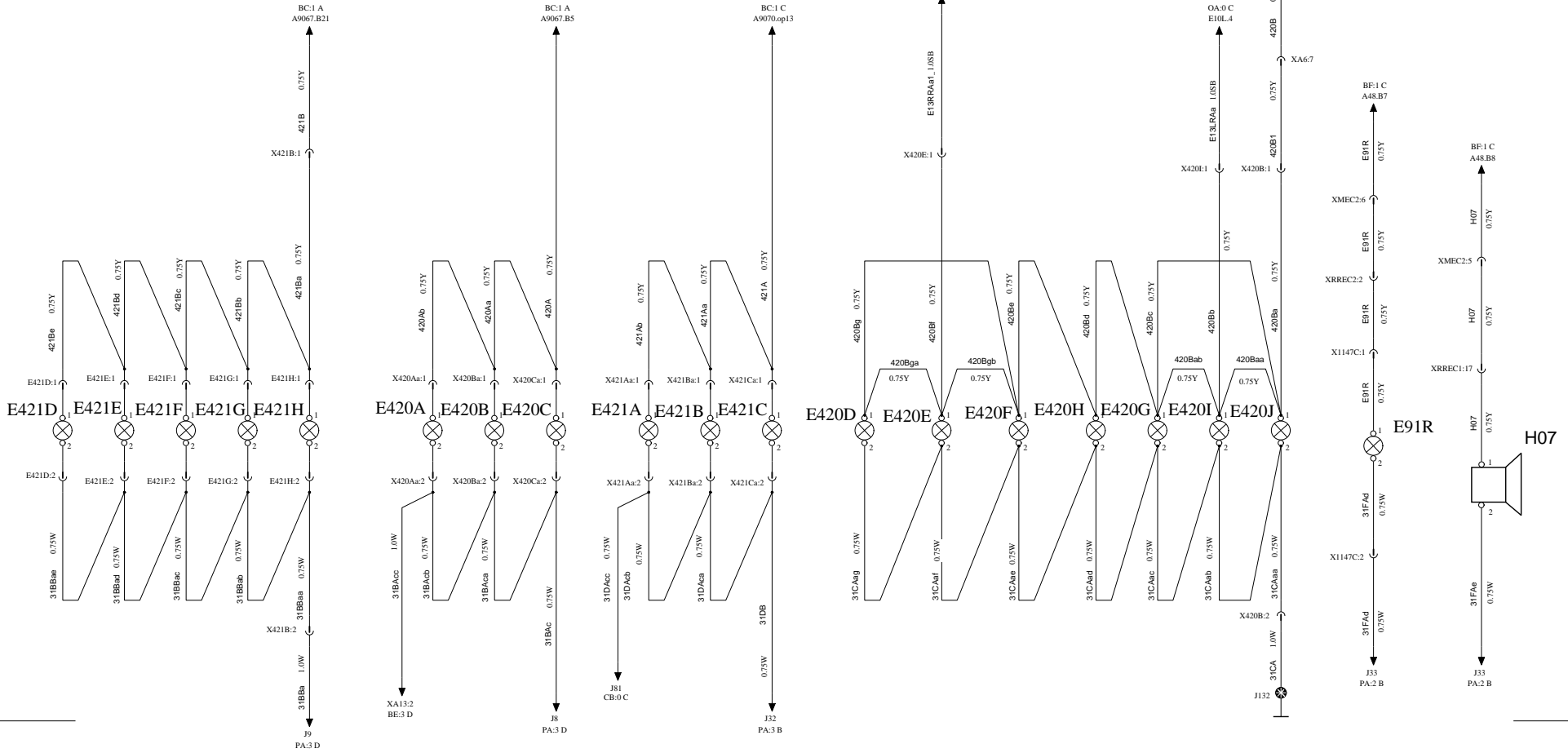
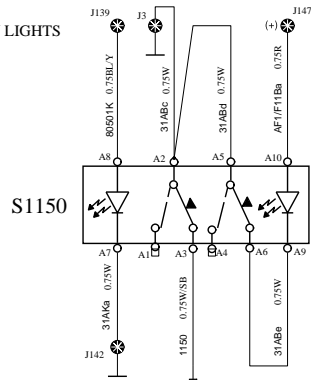
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POSITION LIGHTS

DA

POSITION LIGHTS

WIRING DIAGRAM



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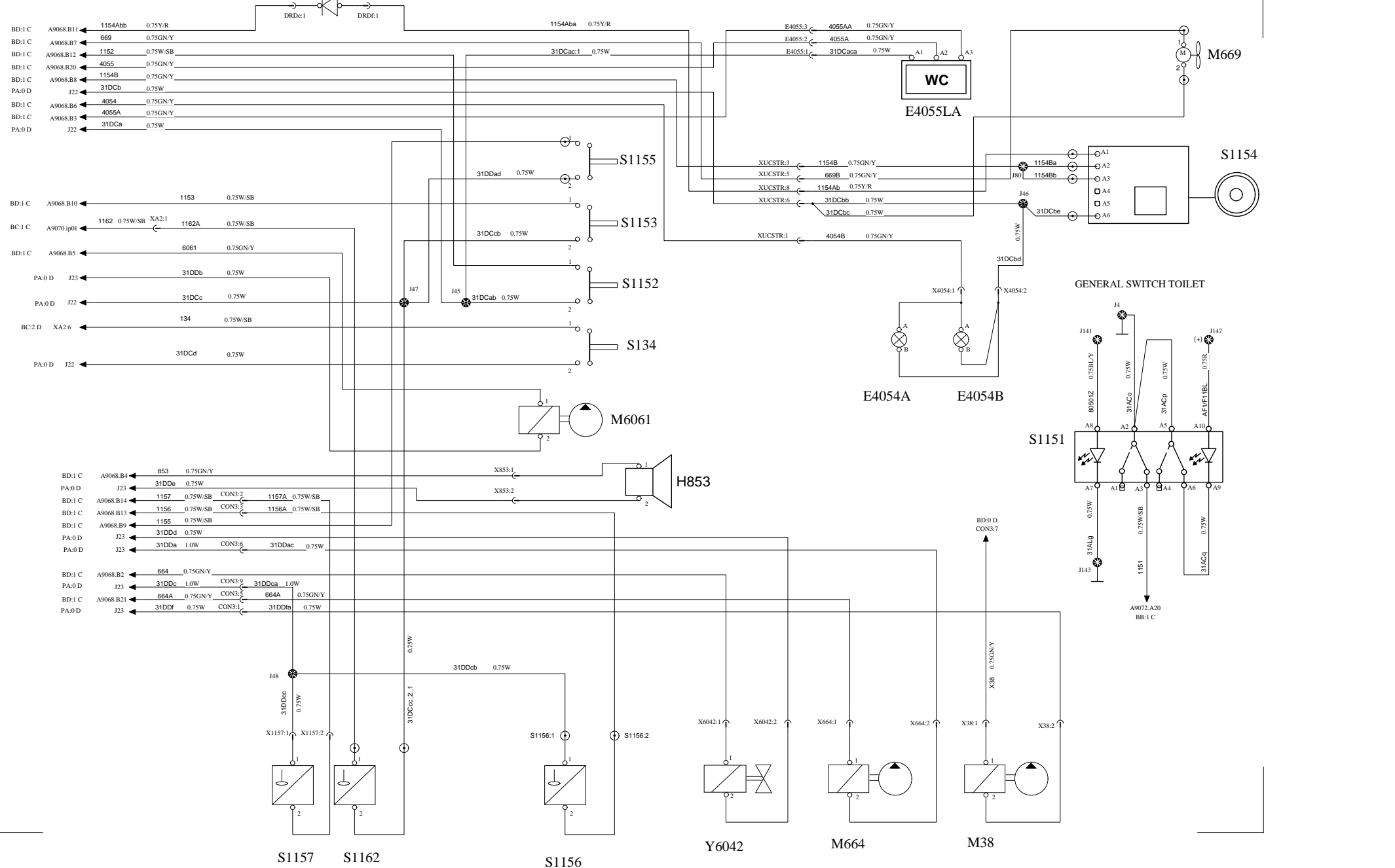
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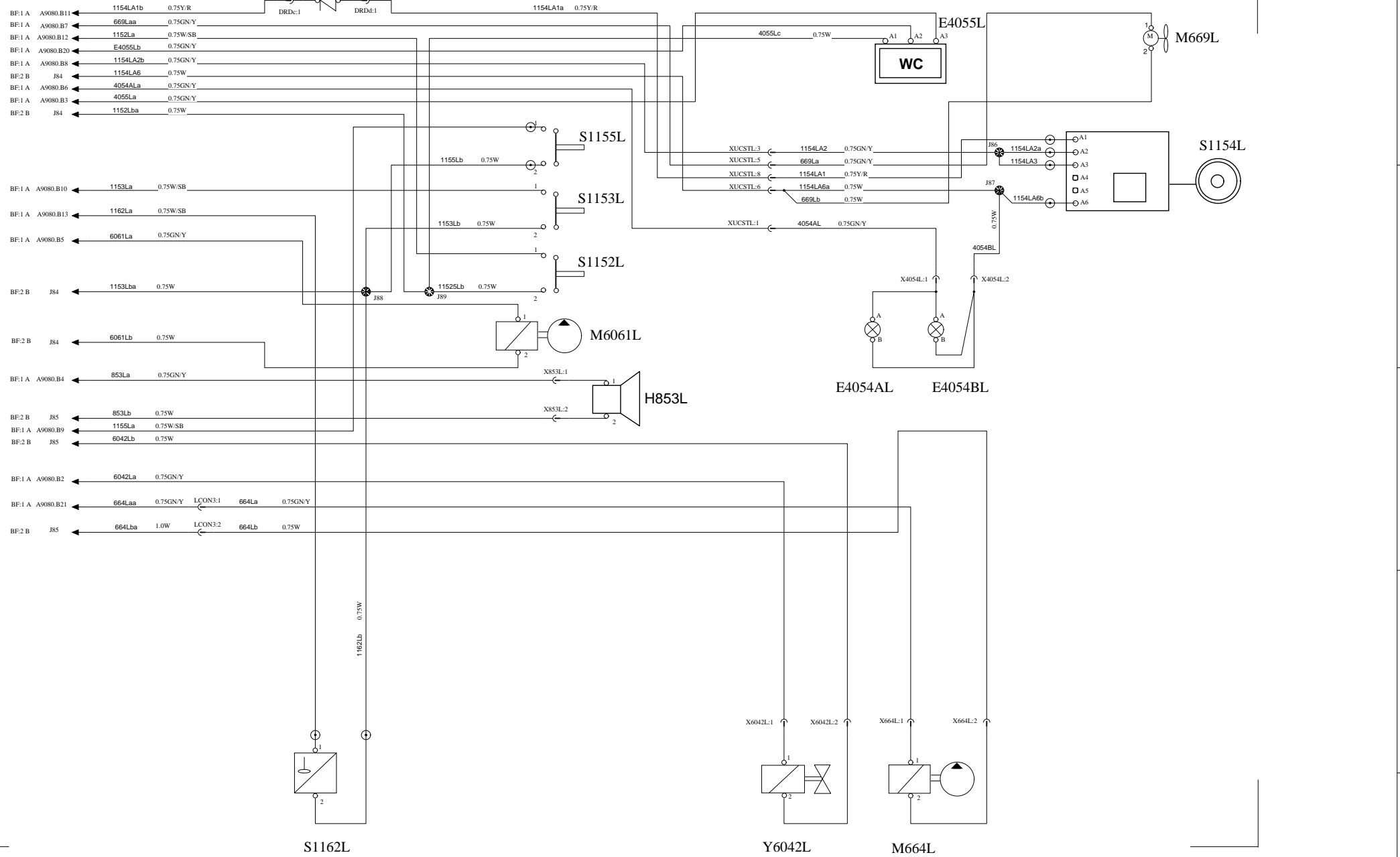
TOILET

WIRING DIAGRAM



LEFT TOILET

WIRING DIAGRAM



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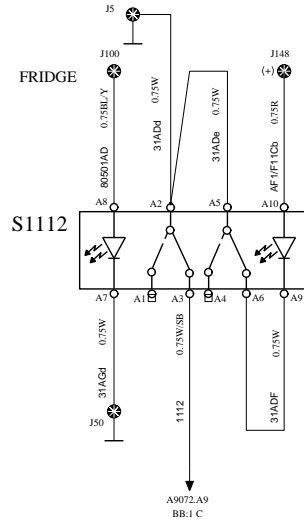
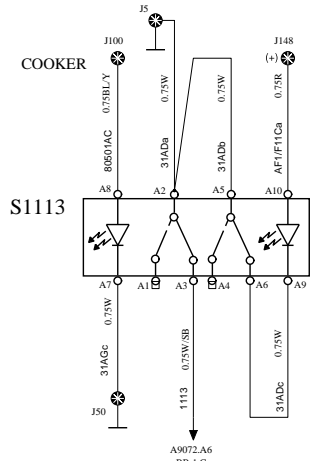
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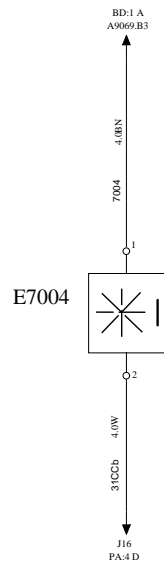
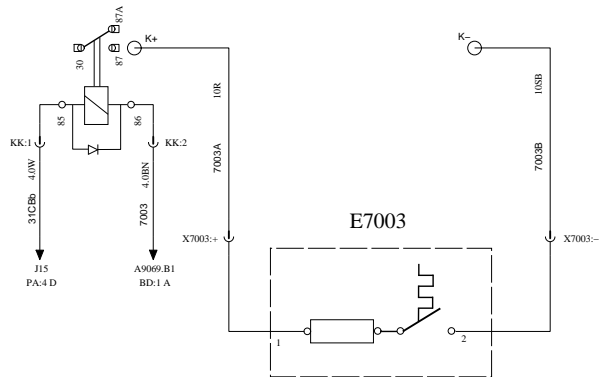
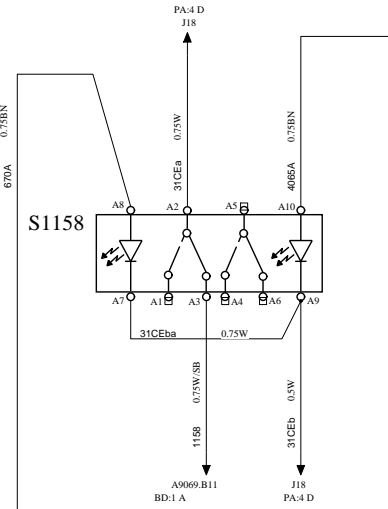
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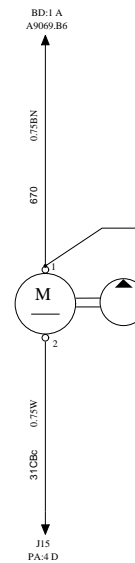
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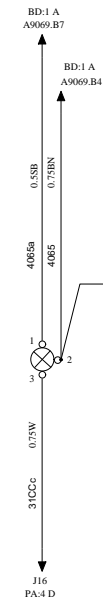
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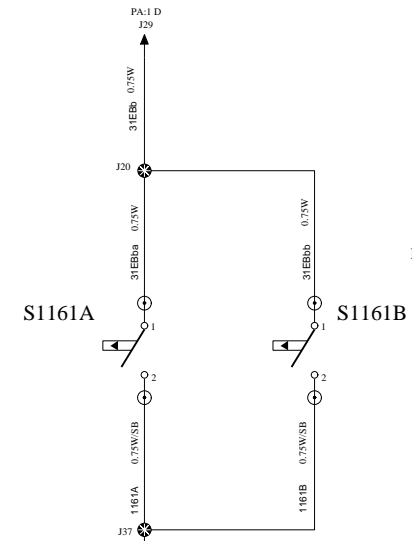
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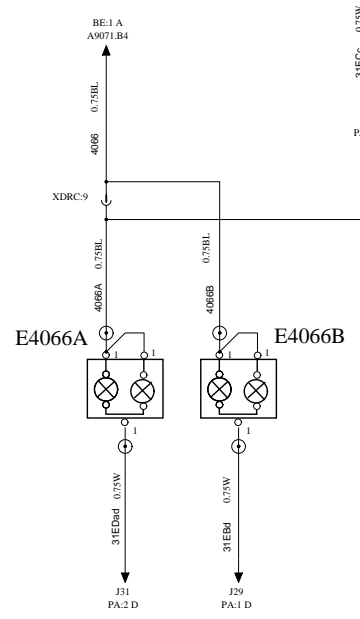


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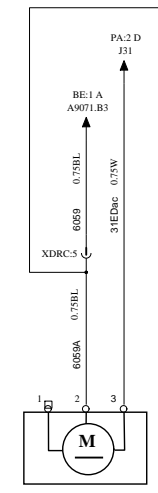
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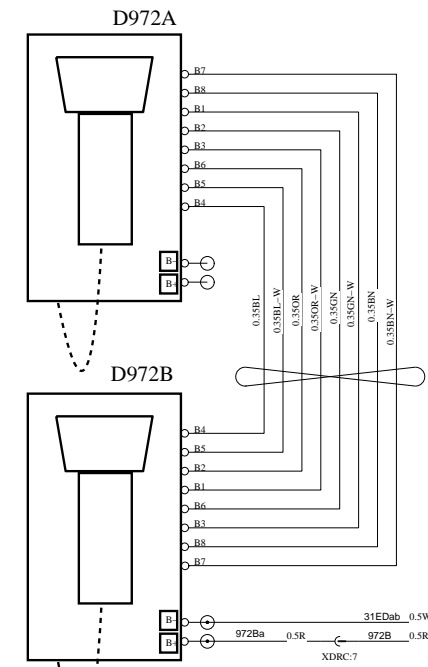


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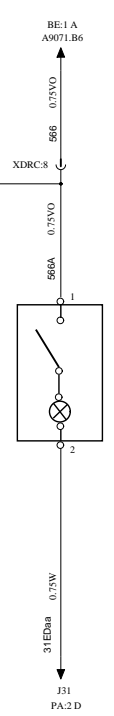
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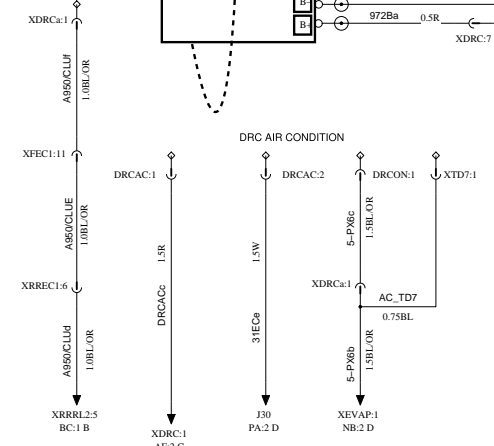
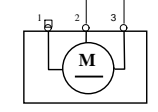
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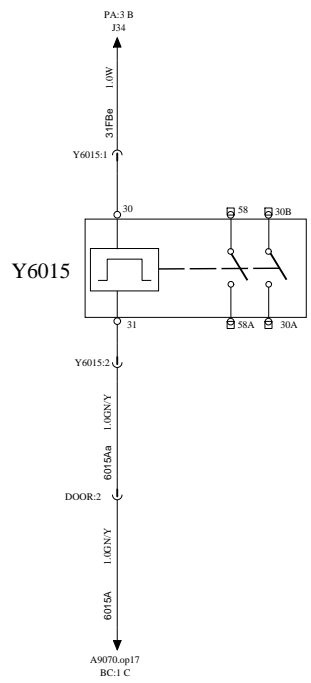
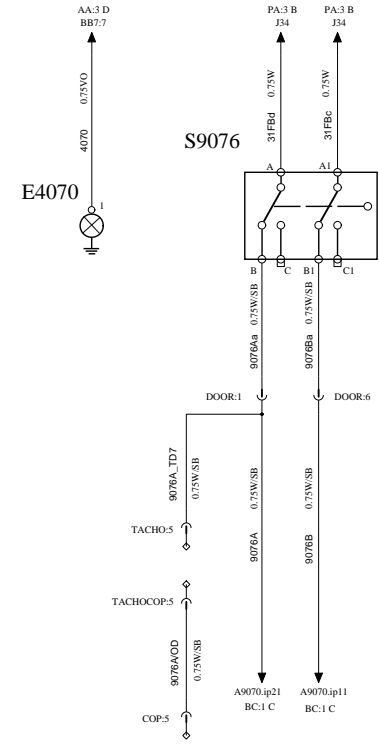
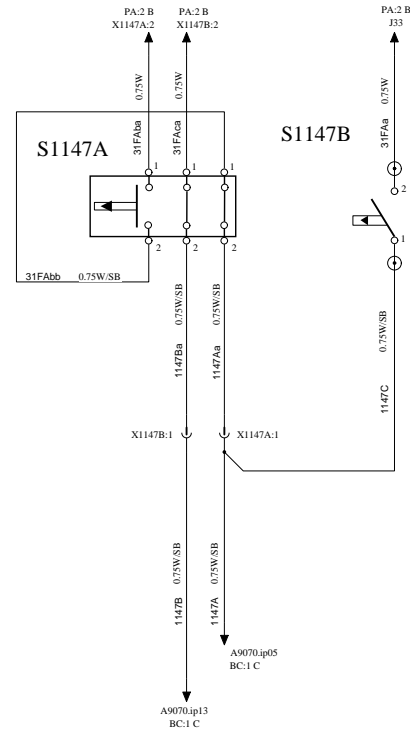
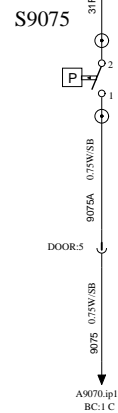
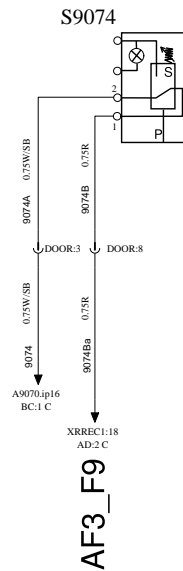
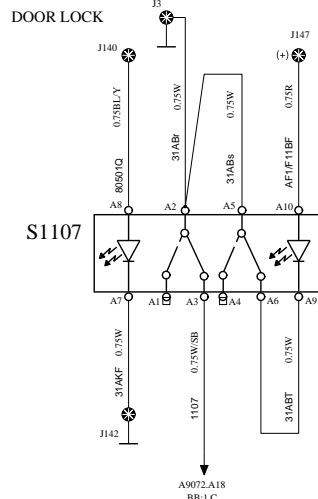
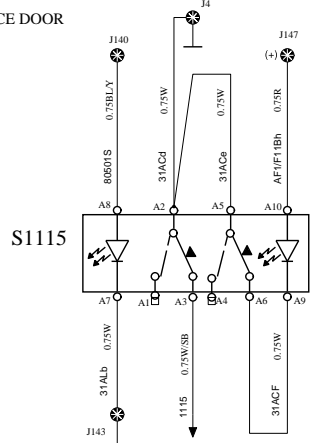


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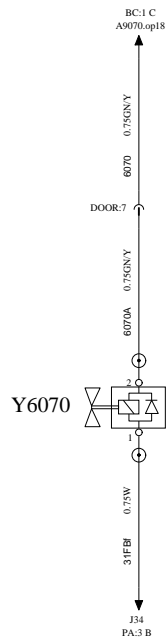
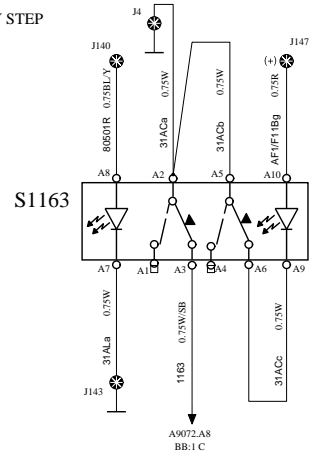
HA

WIRING DIAGRAM

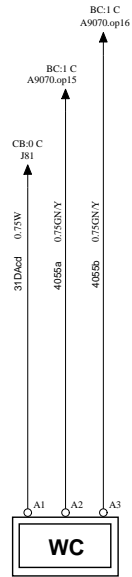
SERVICE DOOR



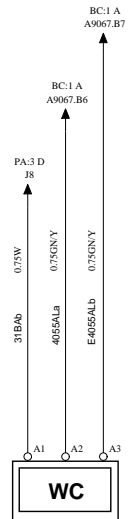
AUXILIARY STEP

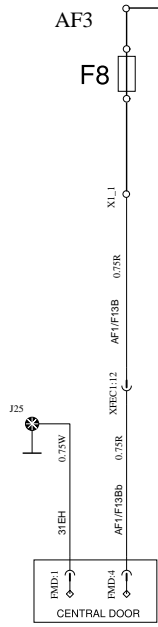
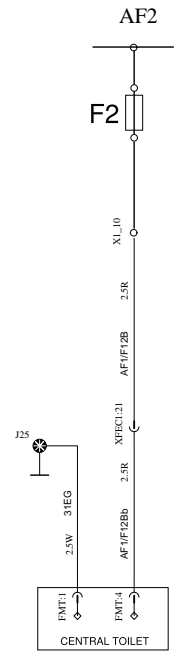


E4055A

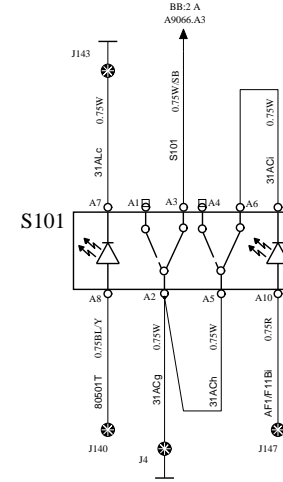


E4055AL





Switch, Middle Door



ACCESORIES

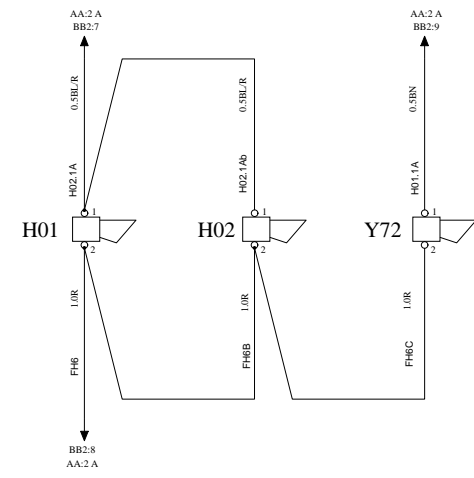
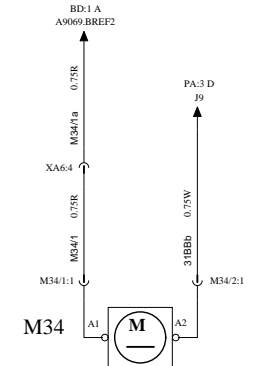
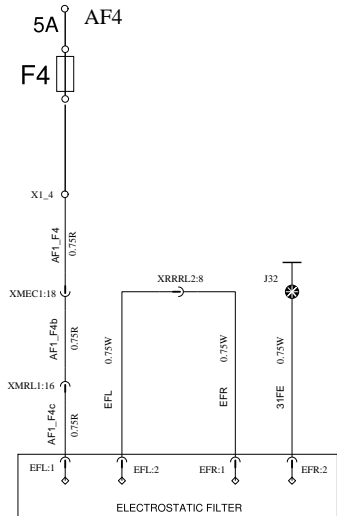
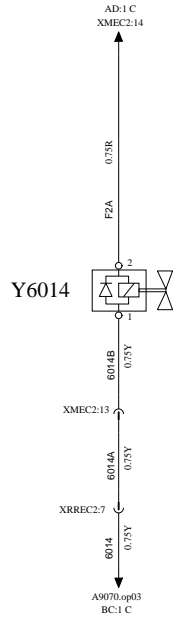
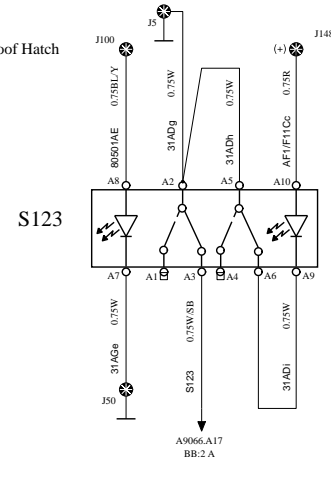
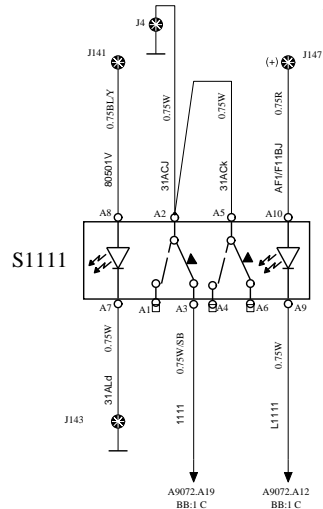
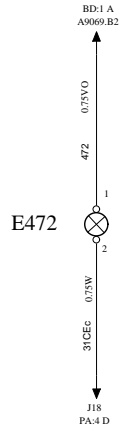
IA

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BULB, ENGINE COMPARTMENT

CENTRAL LOCK

Switch, Extractor Roof Hatch



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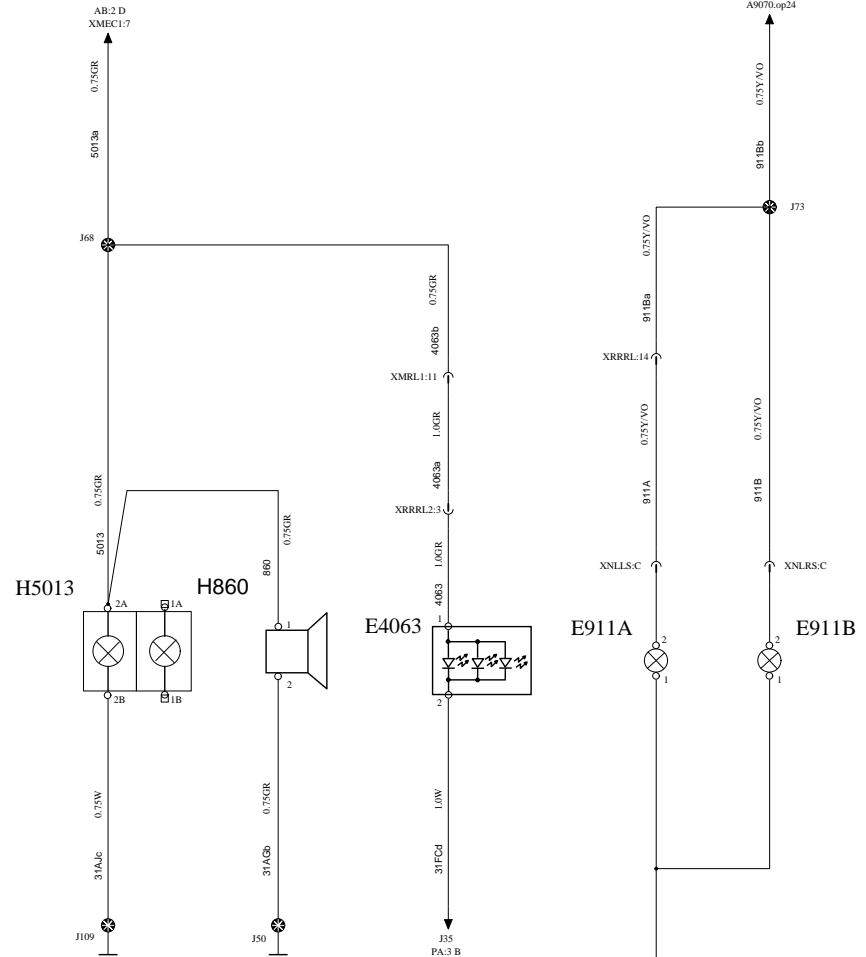
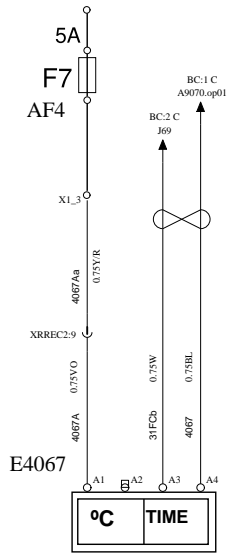
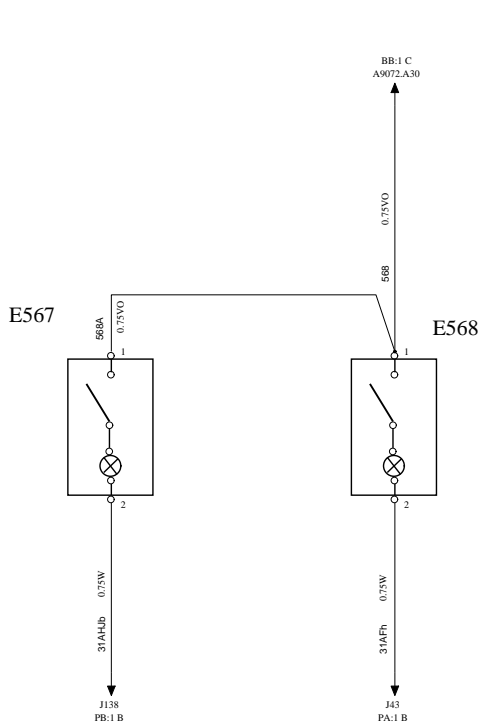
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SNAKE LAMP, ELECTRIC CENTRE

SNAKE LAMP, MAP LIGHT

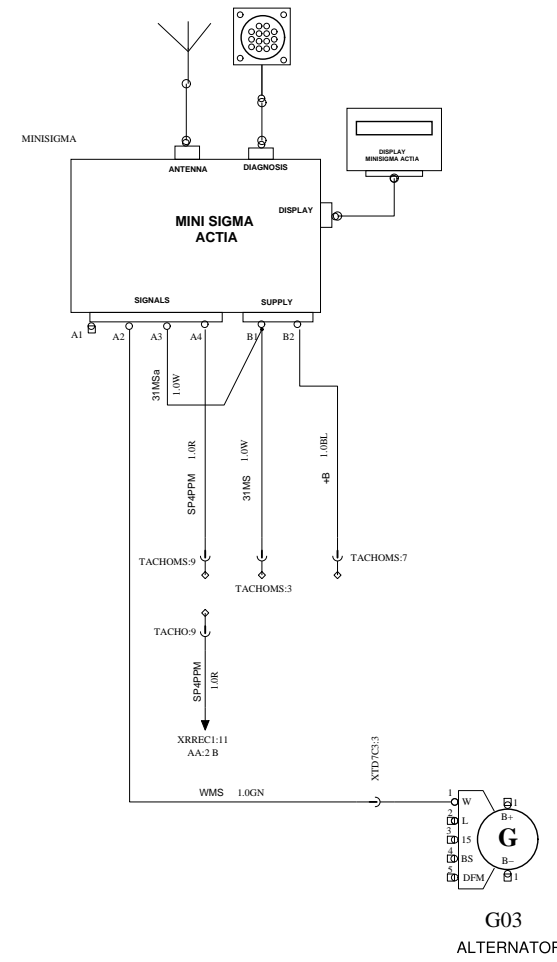
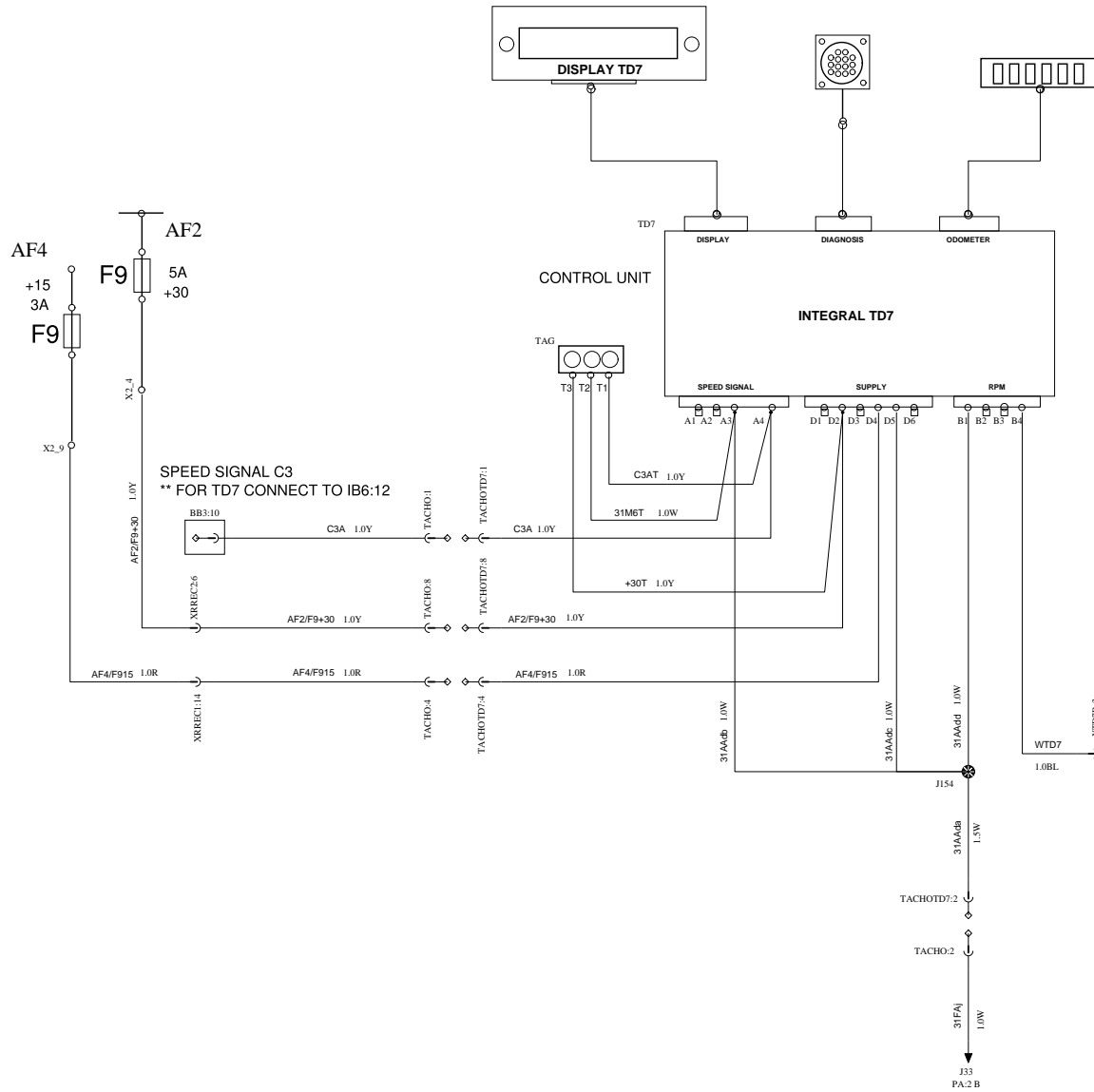
TIME & TEMPERATURE DISPLAY



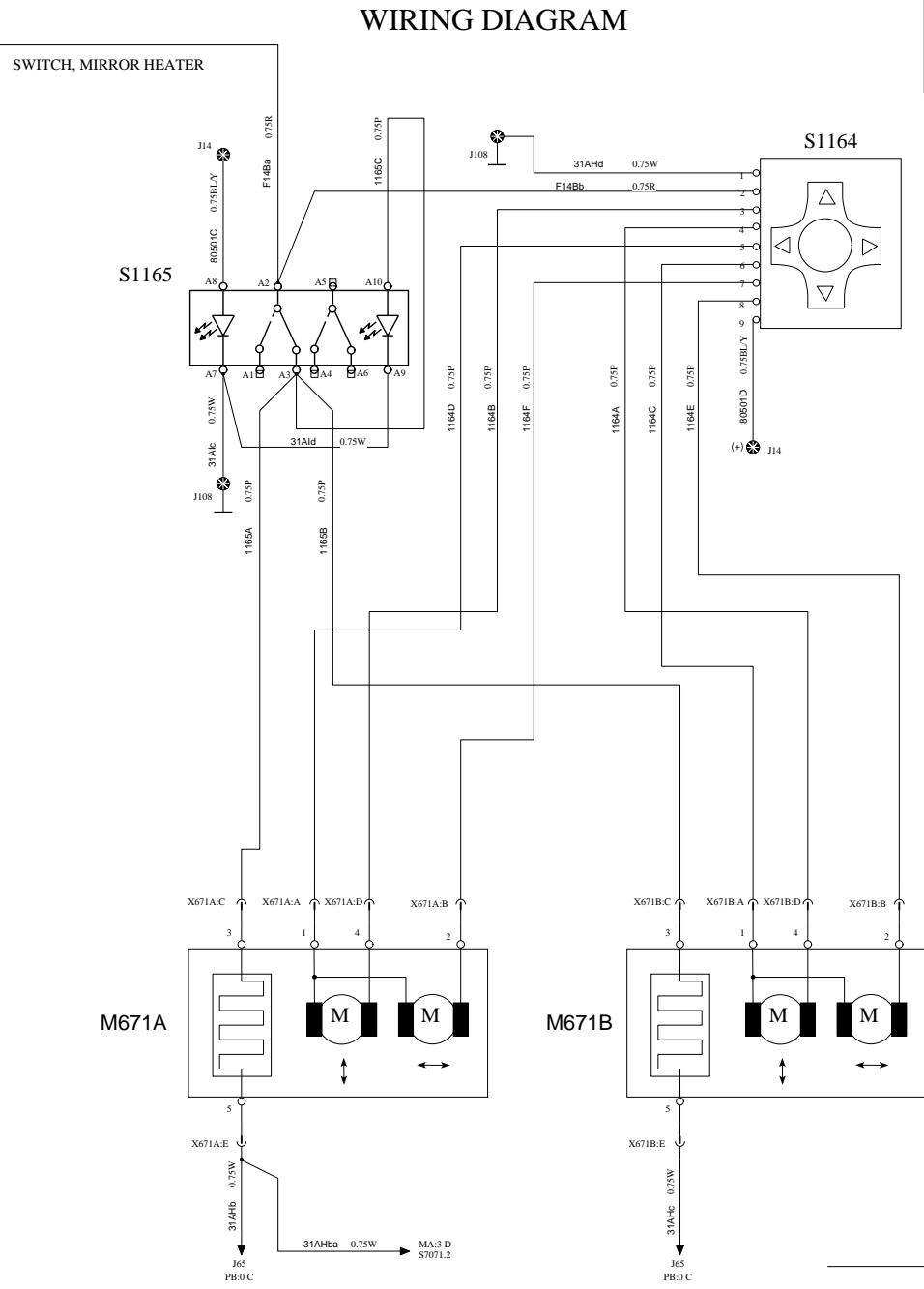
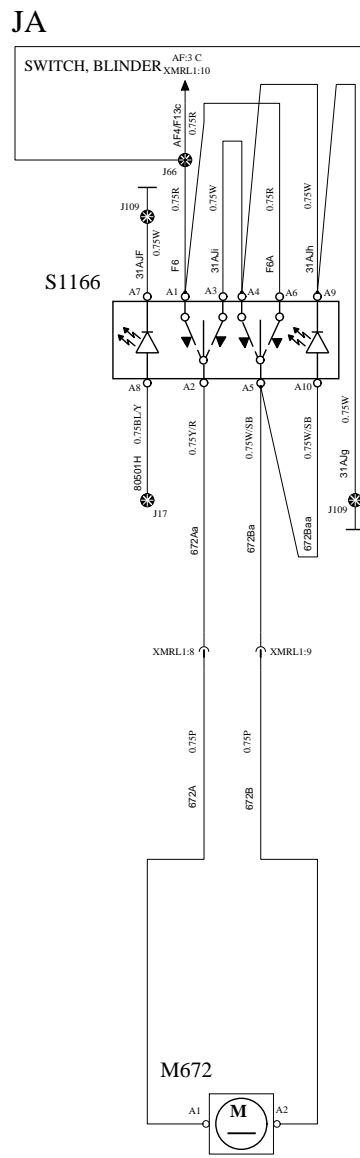
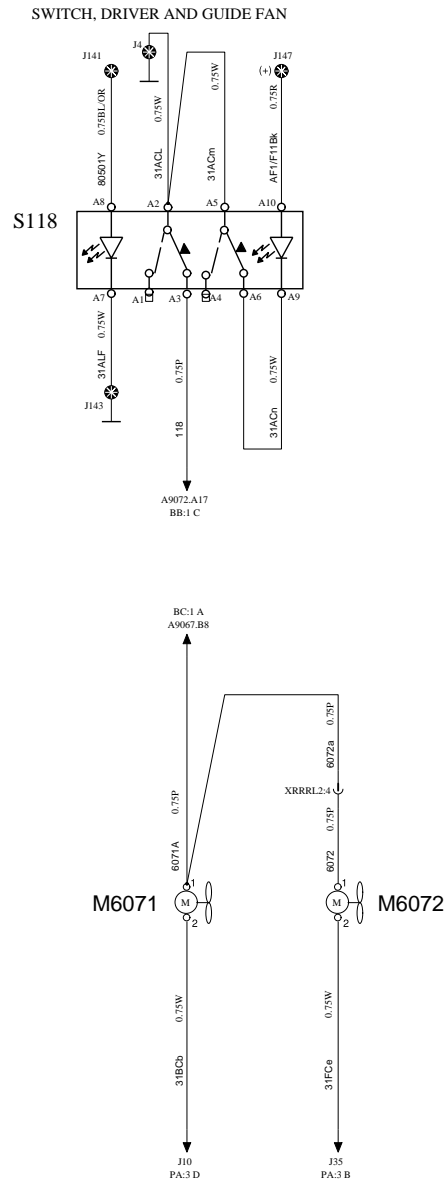
TD7 TACHOGRAPH

IC

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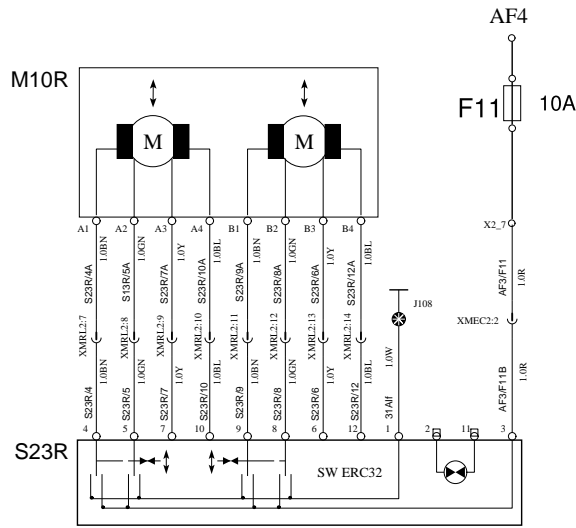
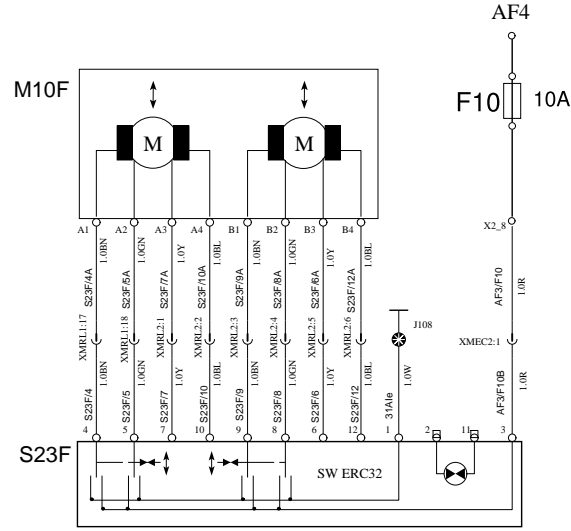
FANS, BLINDERS & MIRRORS



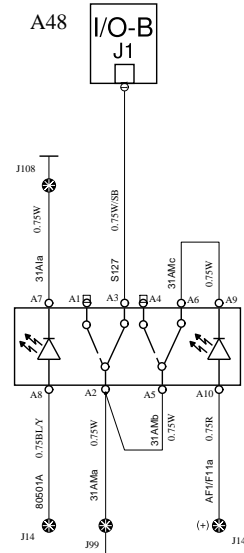
ELECTRIC WINDOW & ROOF HATCHES

JB

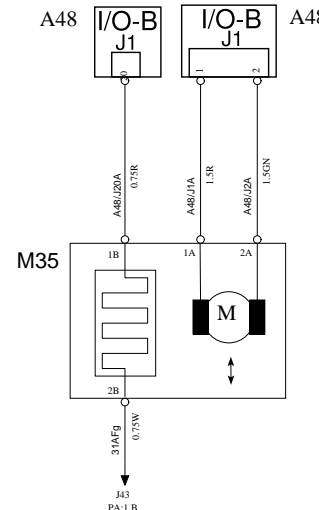
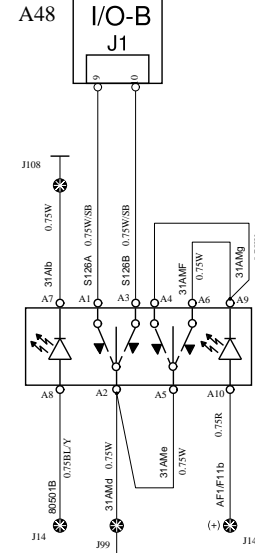
WIRING DIAGRAM



S127 SWITCH, WINDOW HEATER



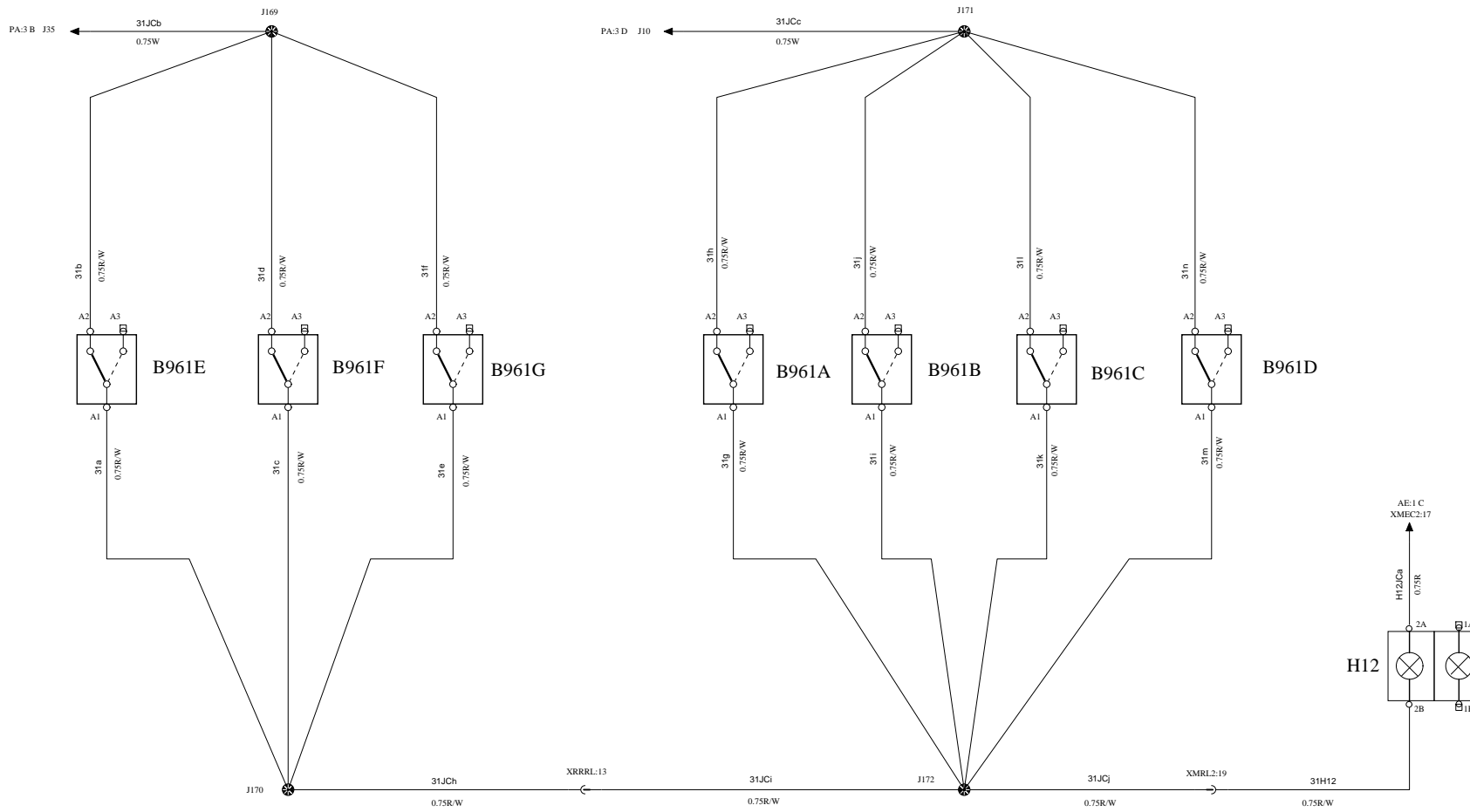
S126 SWITCH, DRIVER WINDOW



EMERGENCY WINDOWS

JC

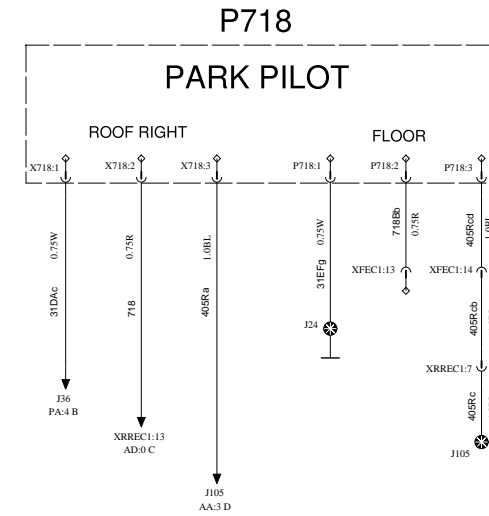
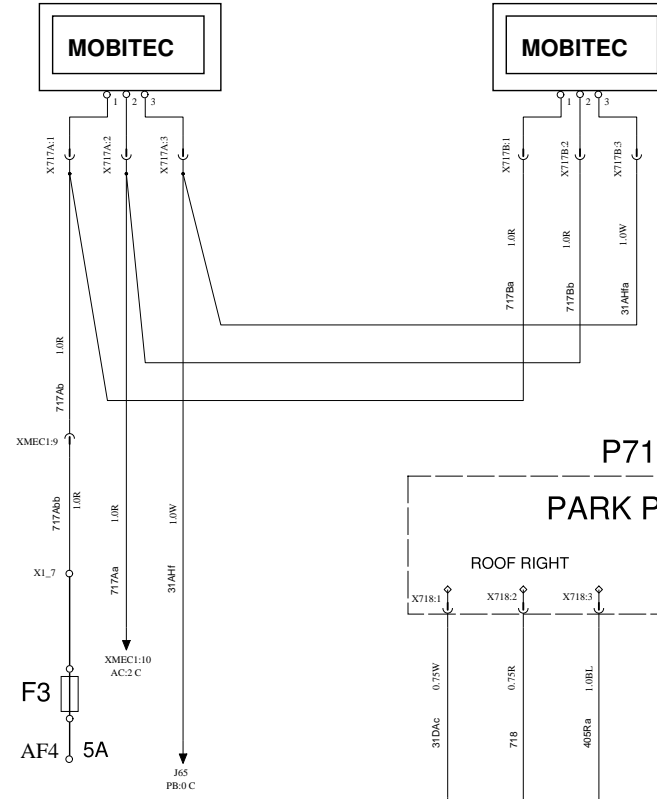
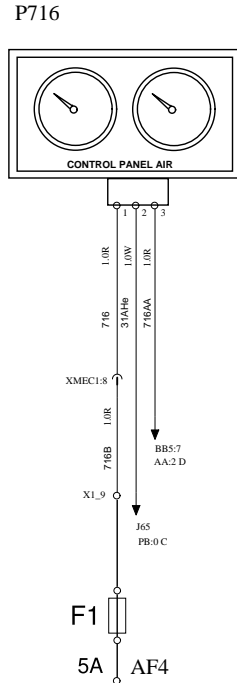
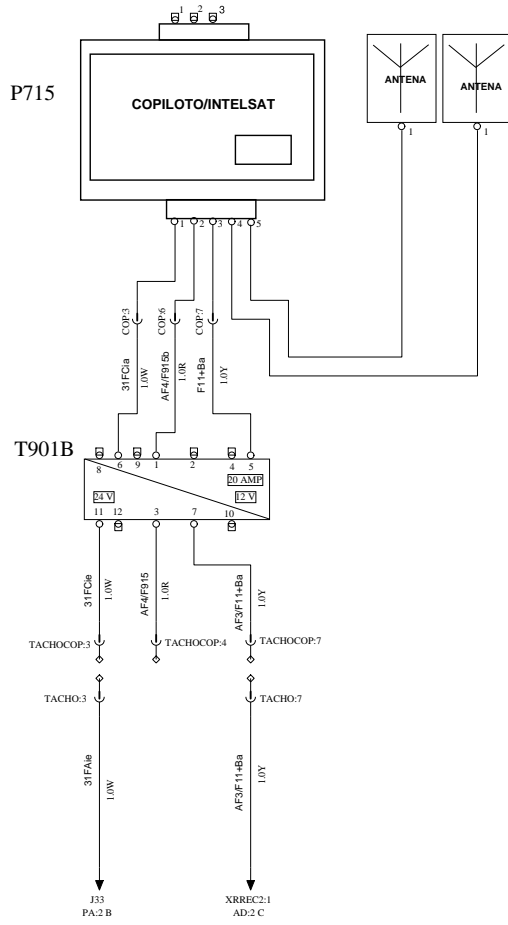
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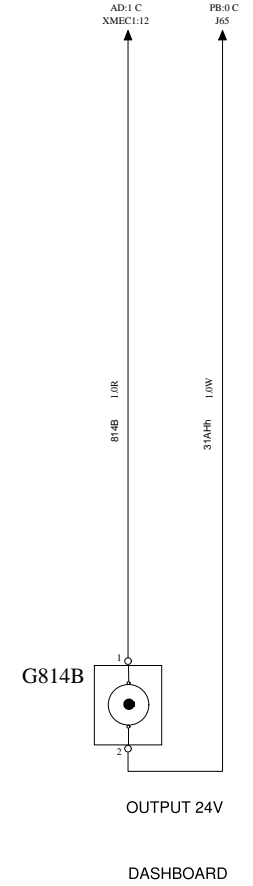
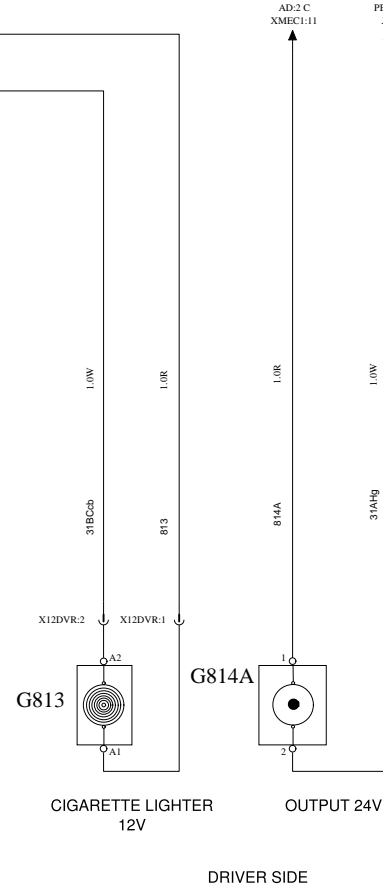
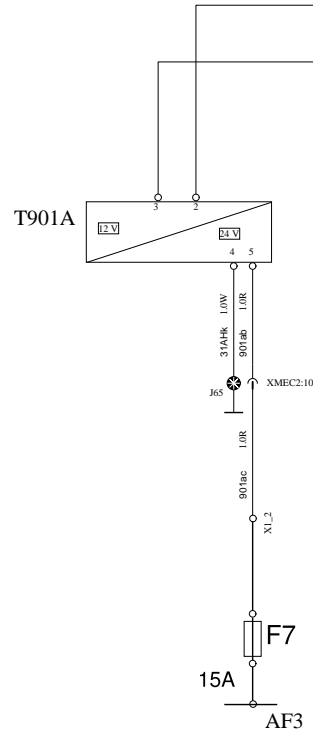
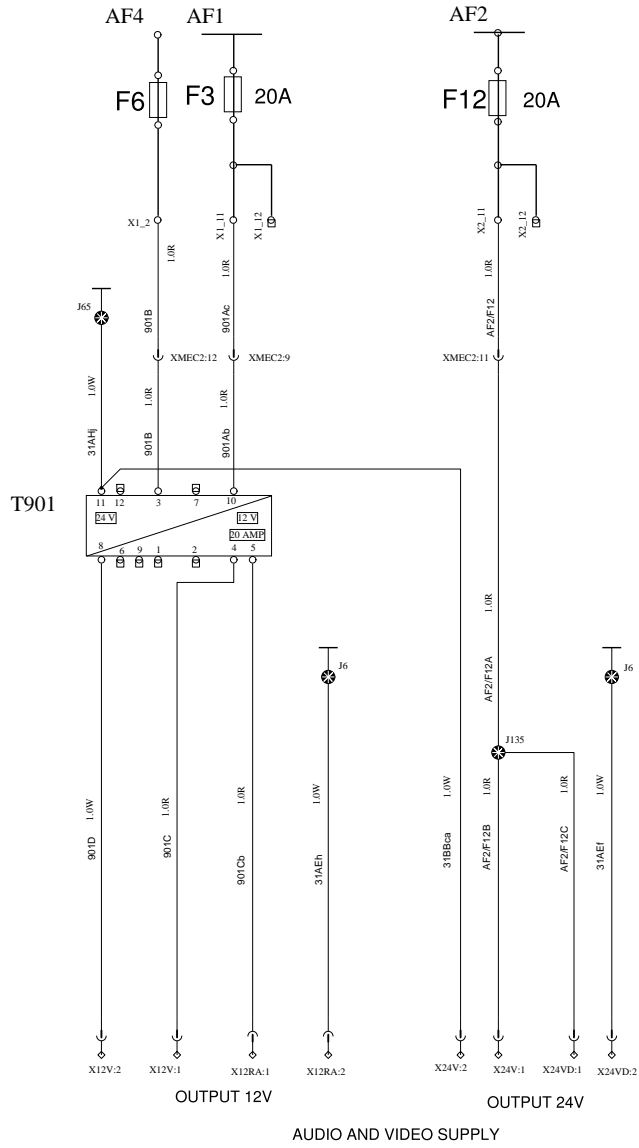


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Document type PRODUCT SCHEMATIC

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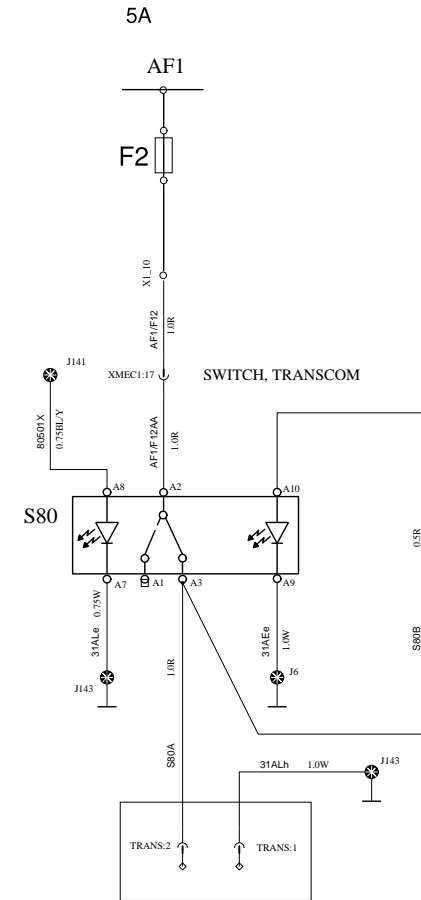
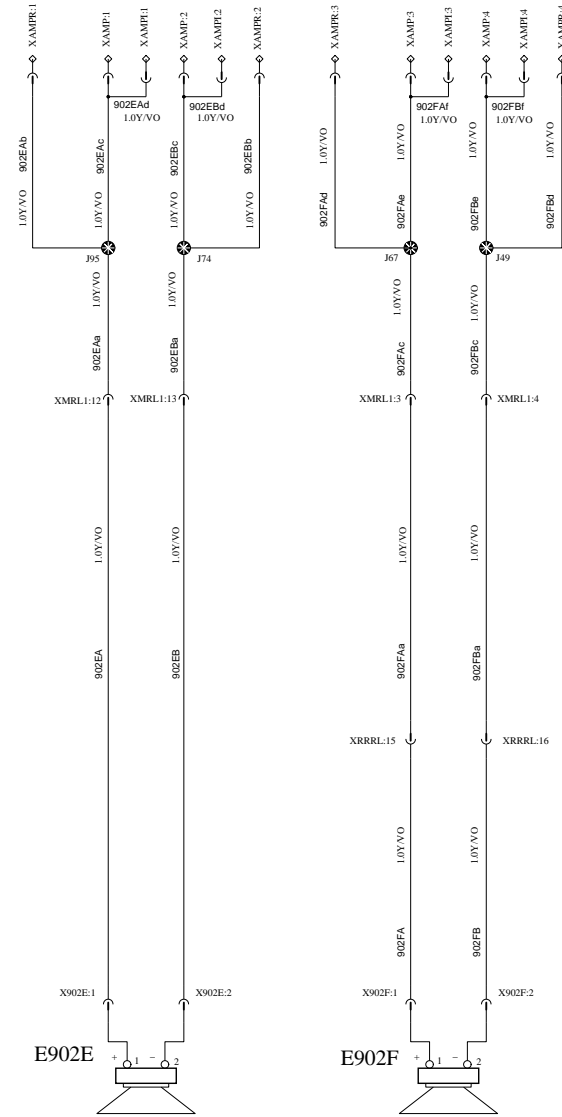
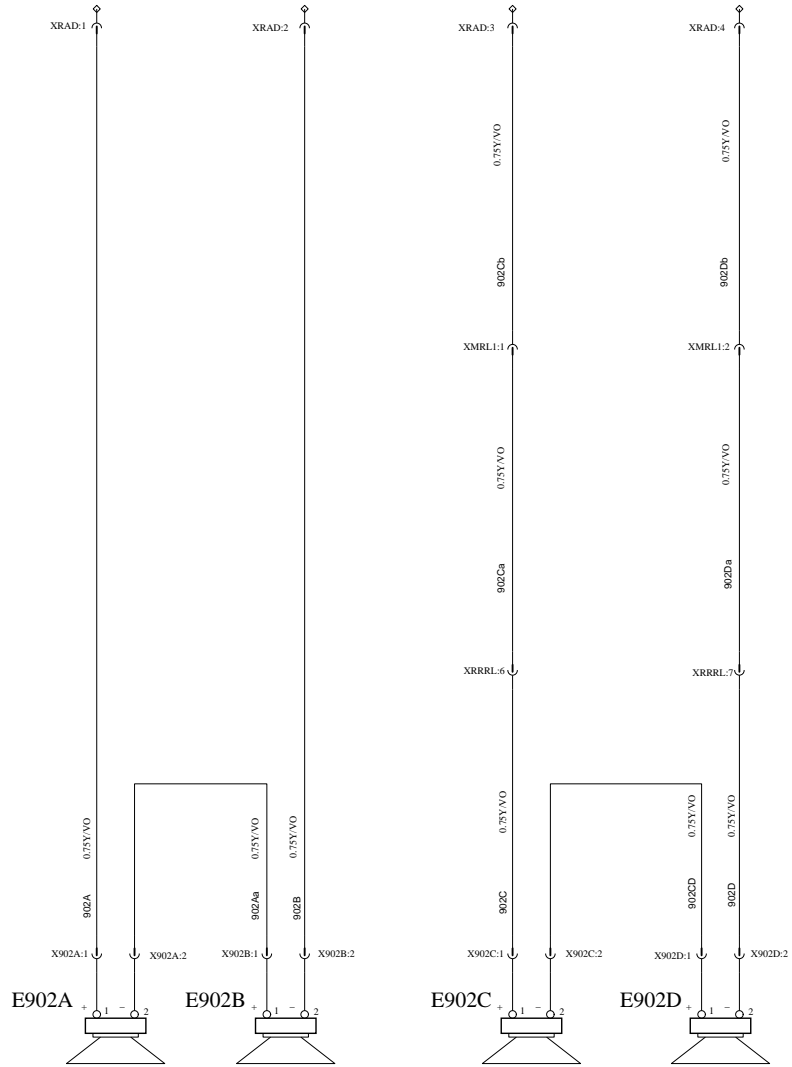


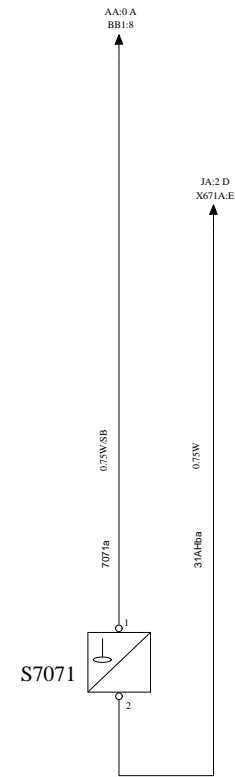
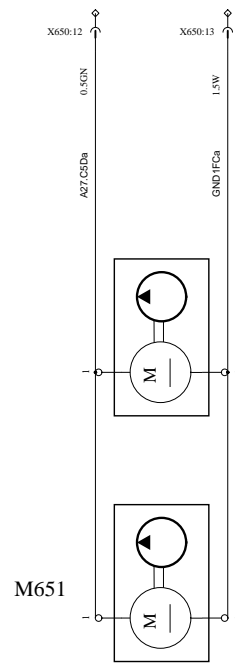
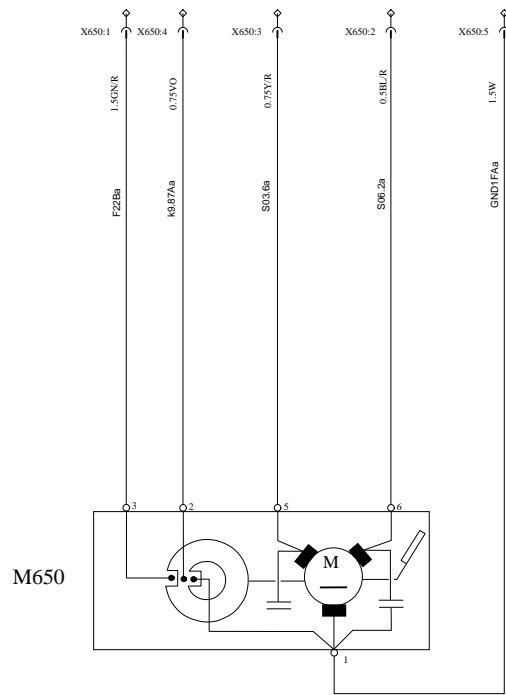


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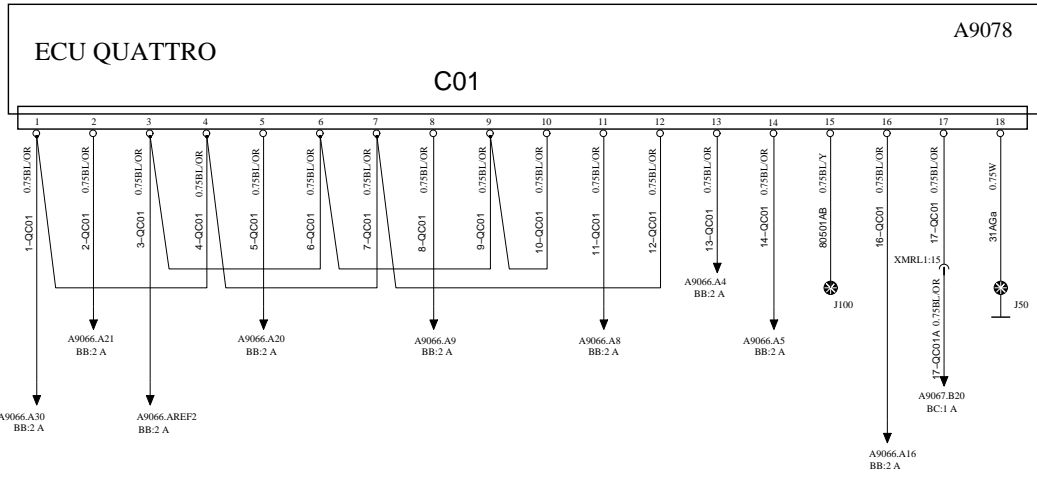
LB

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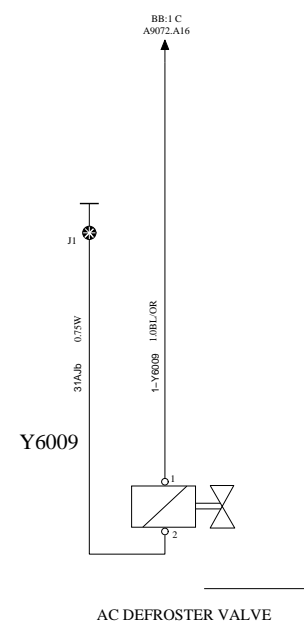
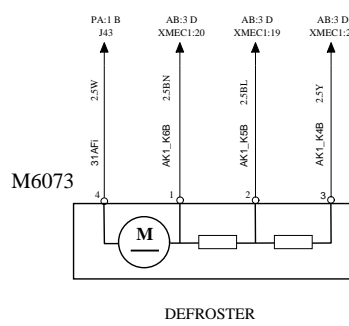
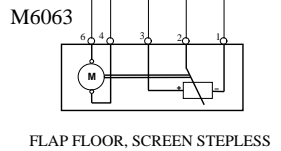
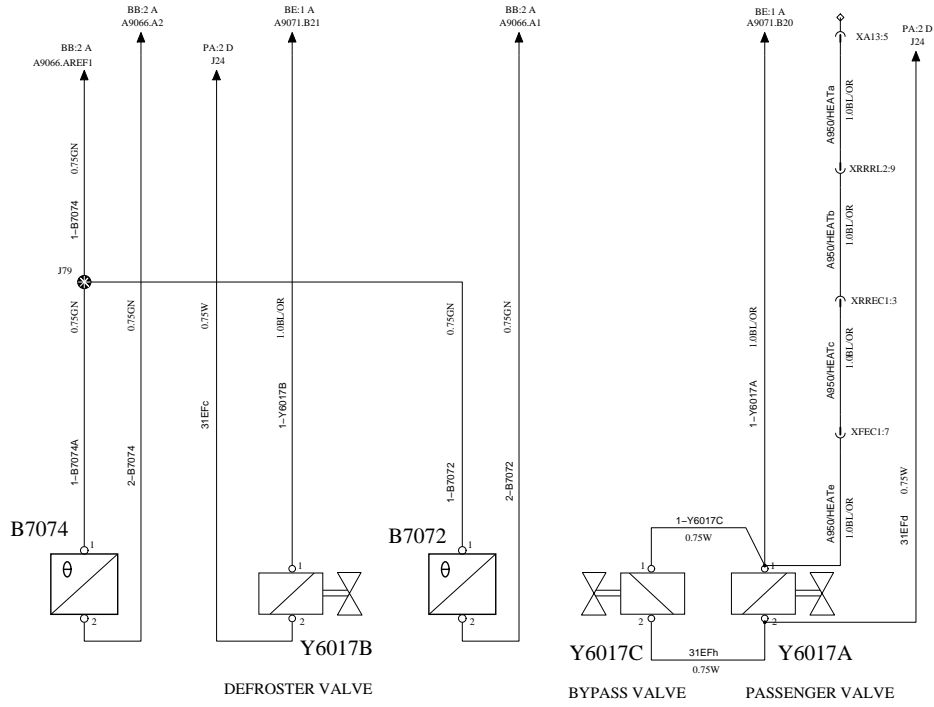
CONTROL UNIT, CLIMATE DISPLAY



DRIVER TEMP. SENSOR

DEFROSTER TEMP. SENSOR

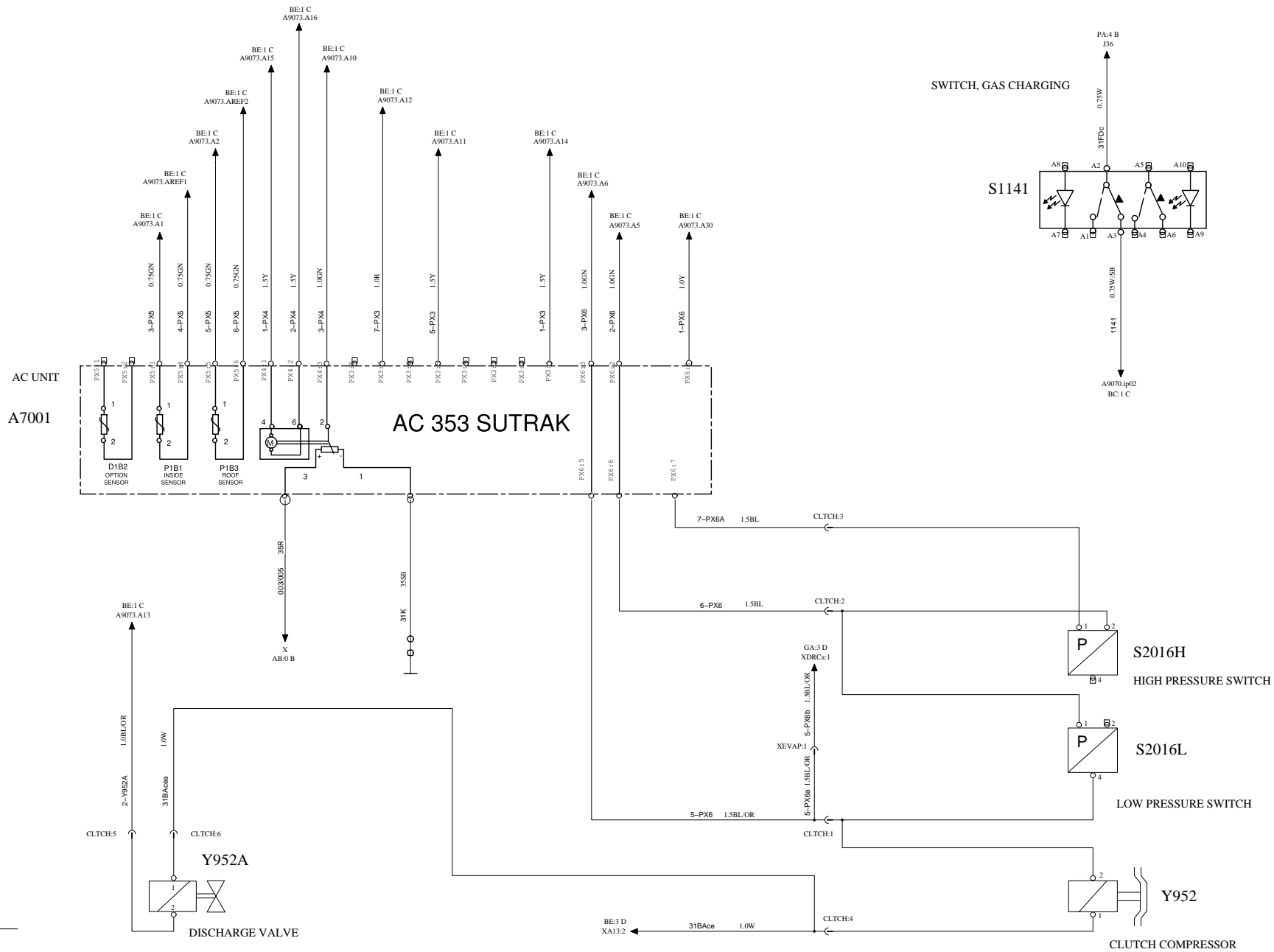
OUTSIDE TEMP. SENSOR



AIR CONDITIONING, SYSTEM 1

NB

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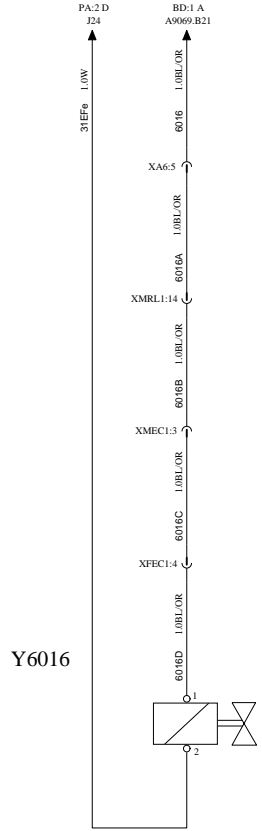
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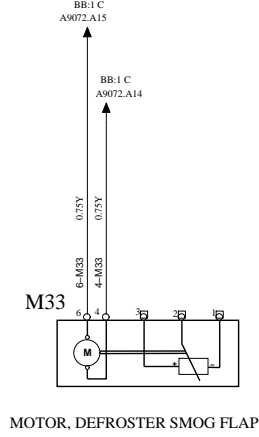
RE-HEATING SYSTEM

NC

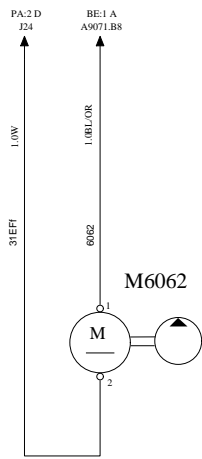
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ROOF VALVE, REHEATING SYSTEM

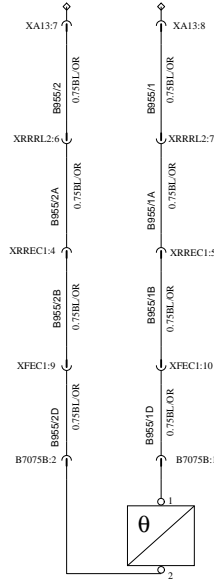


MOTOR, DEFROSTER SMOG FLAP



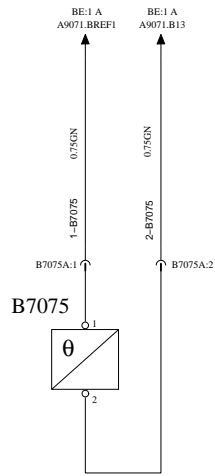
CIRCULATION PUMP, REHEATING SYS

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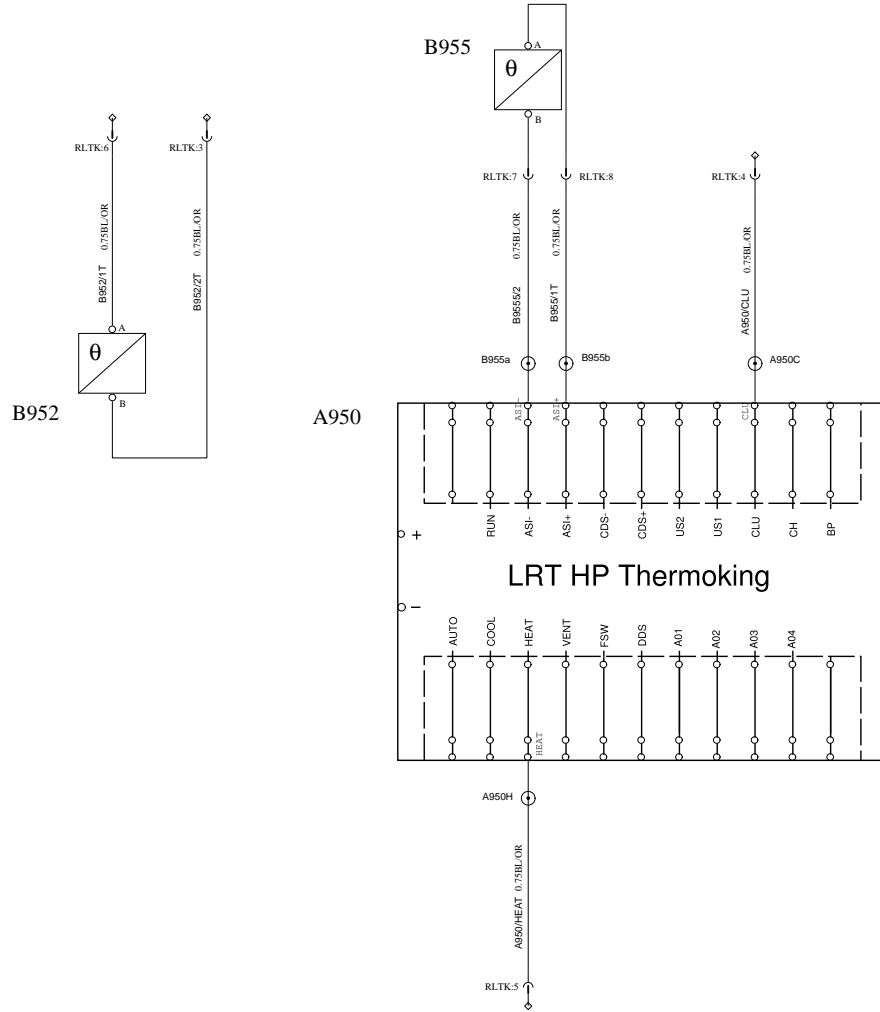


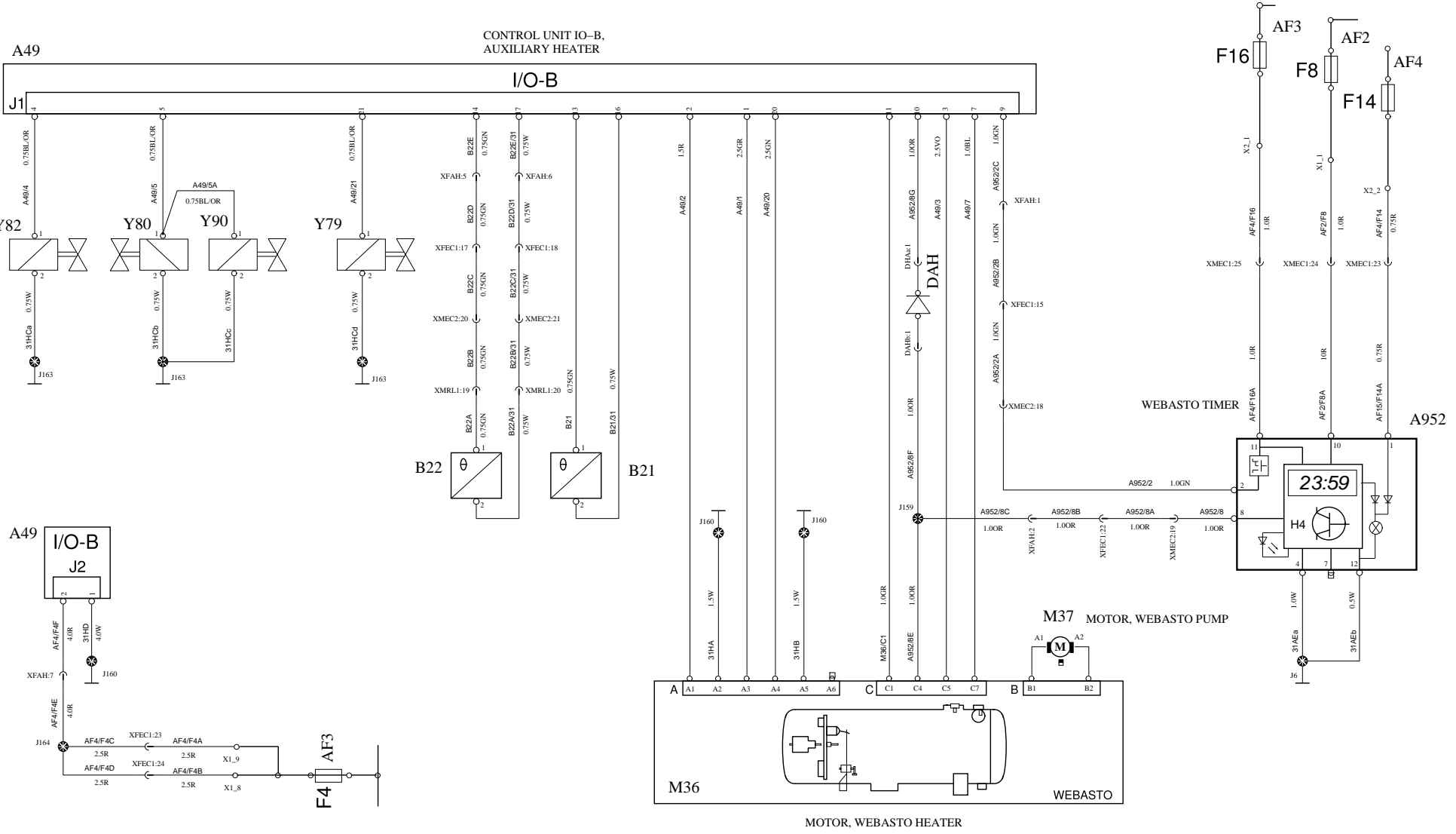
PASSENGER SENSOR, REHEATING SYS

*This is for Thermo King variant

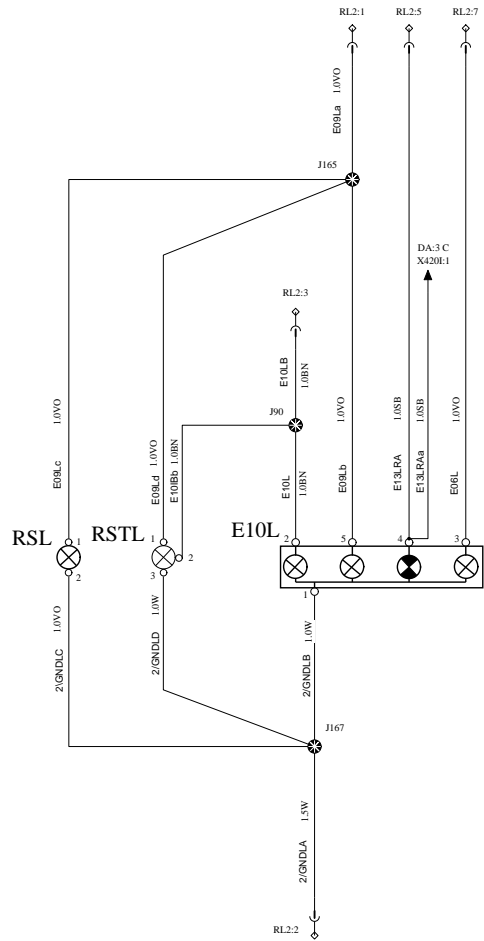


FAN, REHEATING SYSTEM

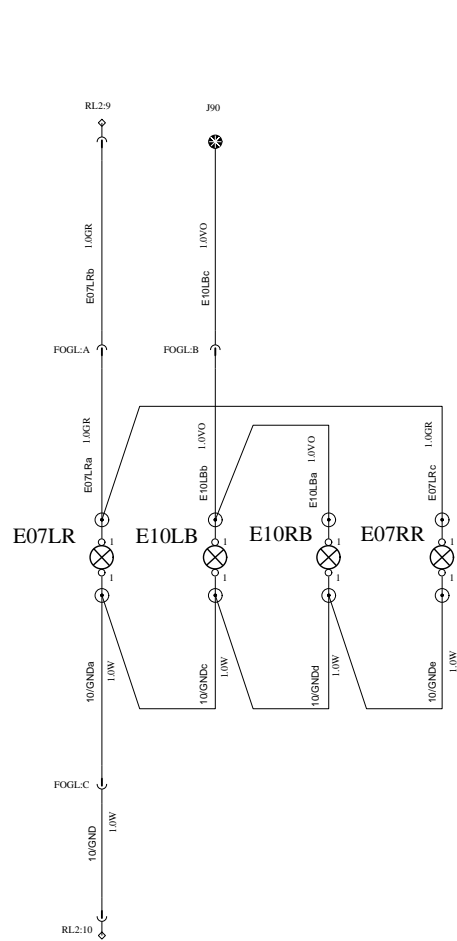




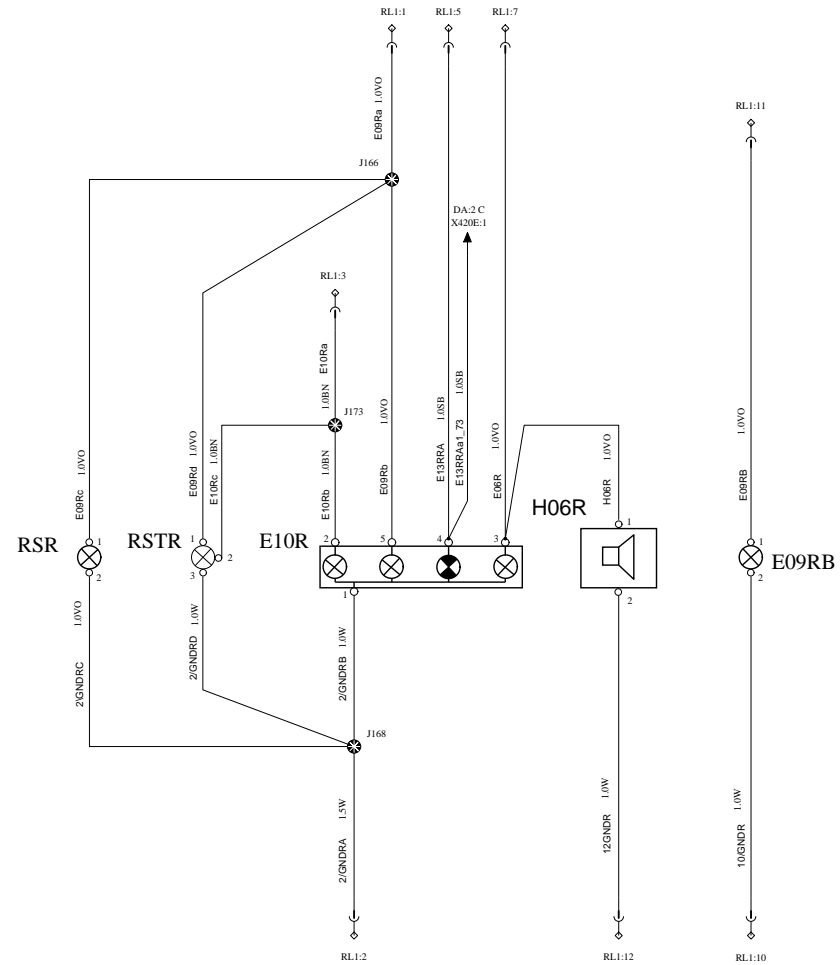
REAR LIGHTS



OA



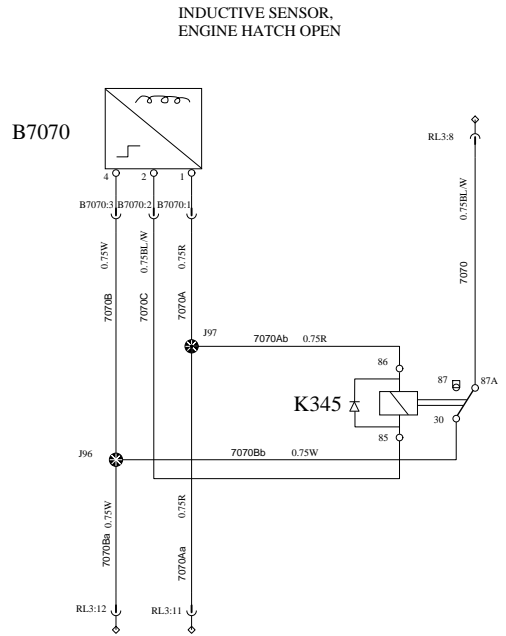
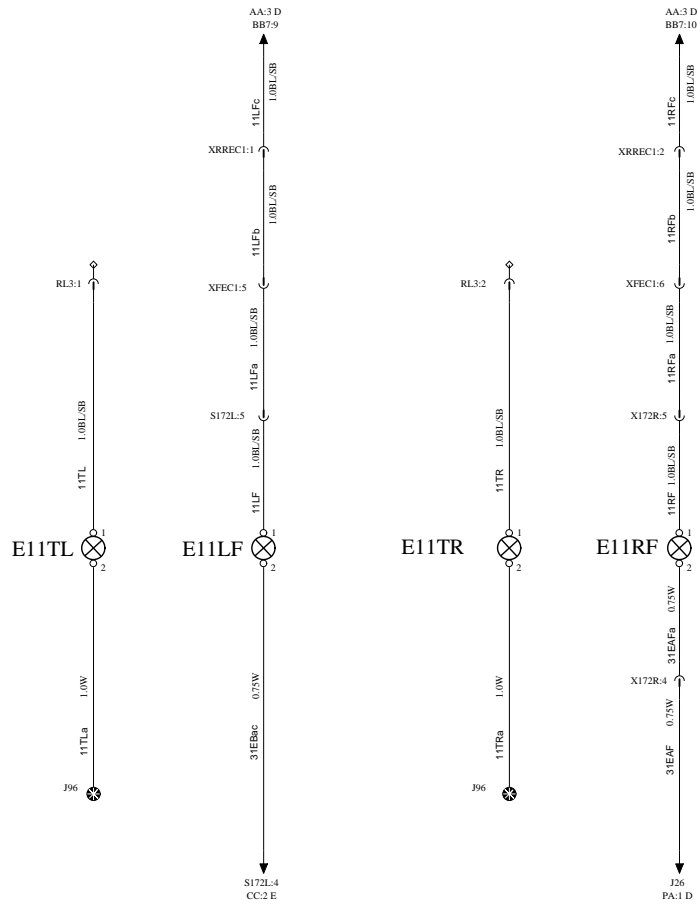
WIRING DIAGRAM



BOTTOM POSITION LIGHTS

OB

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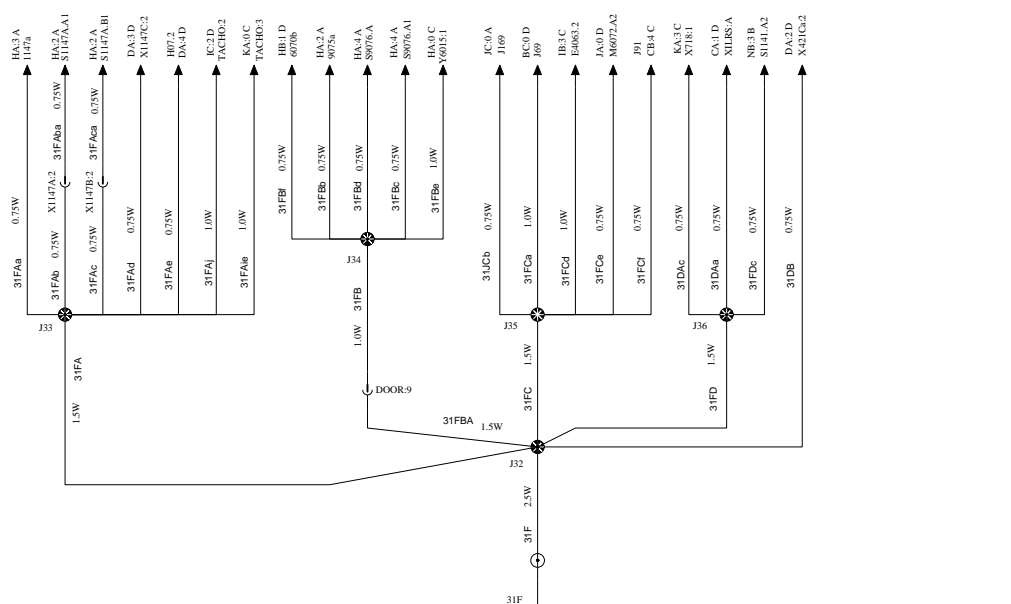
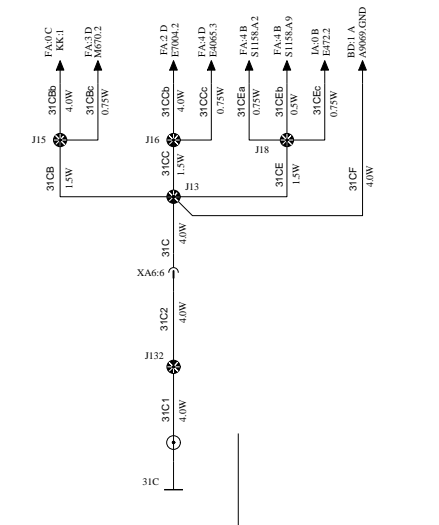
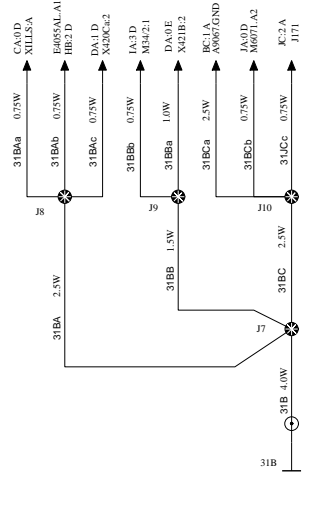
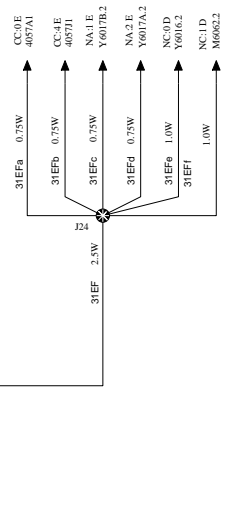
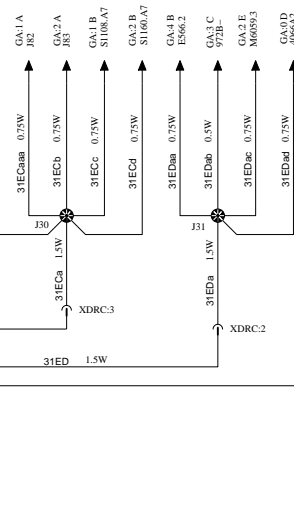
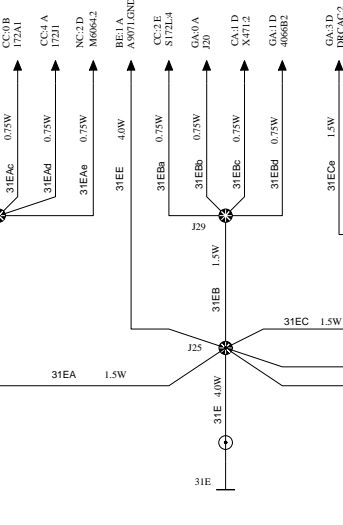
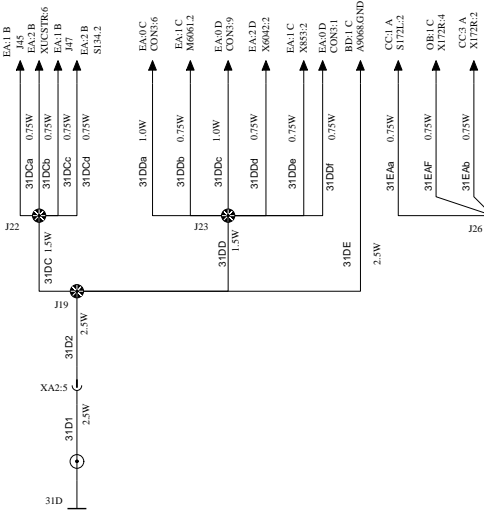
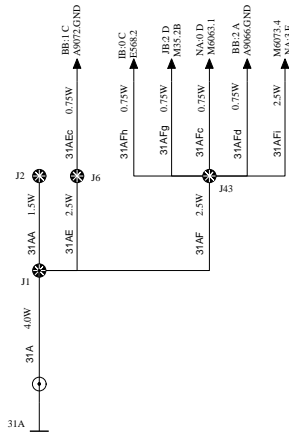
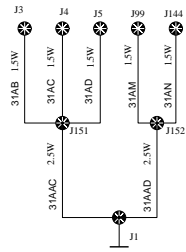
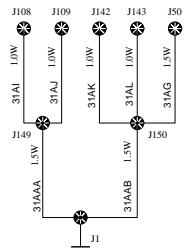
GROUND

PA

WIRING DIAGRAM

SWITCHES LED_GND

SWITCHES CONTROL_GND



0 1 2 3 4

A

B

C

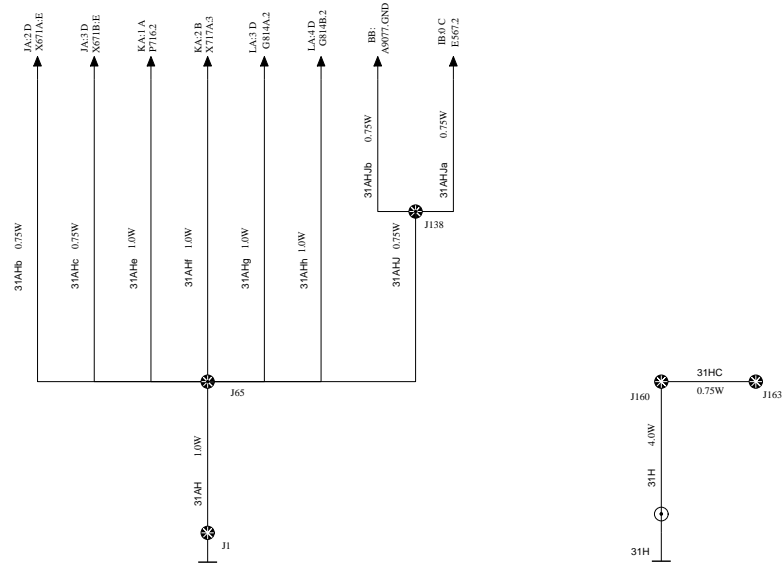
D

E

GROUNDS

PB

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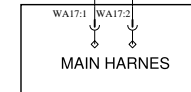
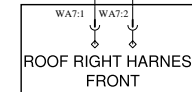
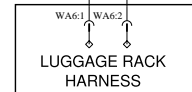
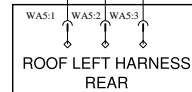
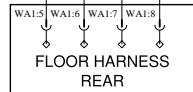
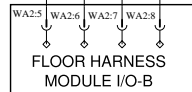
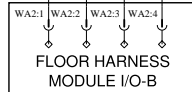
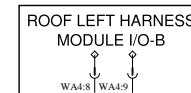
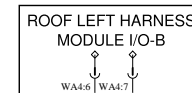
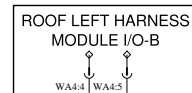
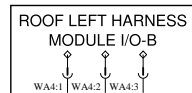
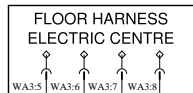
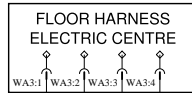
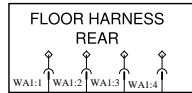
AUXILIARY LINES

QA

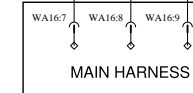
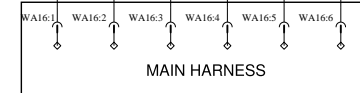
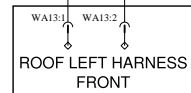
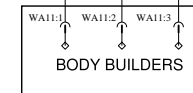
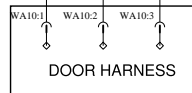
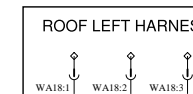
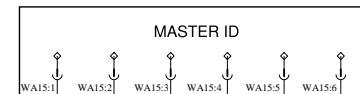
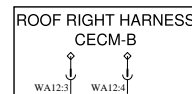
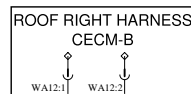
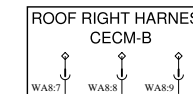
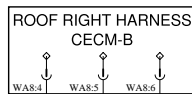
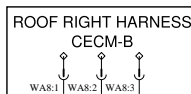
WIRING DIAGRAM

FLOOR HARNESS

ROOF LEFT HARNESS



ROOF RIGHT HARNESS



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FUSES & RELAYS

RA

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FUSES

FUSE	DESCRIPTION	AMPERES	FUSE	DESCRIPTION	AMPERES
AF1_F1	FEED MASTER ID	3A	AF3_F1	RELAYS	3A
AF1_F2	TRANSCOM	5A	AF3_F2	LIGHT UNDER SEATS	5A
AF1_F3	AUDIO & VIDEO 12V	20A	AF3_F3	PARK PILOT	10A
AF1_F4	EMPTY		AF3_F4	EMPTY	
AF1_F5	FLOOR IO B MODULE	30A	AF3_F5	EMPTY	
AF1_F6	CLIMATE IO A MODULE	5A	AF3_F6	CECM B	15A
AF1_F7	EMPTY		AF3_F7	DASHBOARD CONVERTER, CIGARETTE OUTPUT	15A
AF1_F8	EMPTY		AF3_F8	MIDDLE DOOR, IO A MODULE	5A
AF1_F9	CLIMATE UNIT IO A	5A	AF3_F9	PRESOSTATO	5A
AF1_F10	DEFROSTER FLAP	5A	AF3_F10	DASHBOARD IO A MODULE	5A
AF1_F11	RED LED SWITCHES	5A	AF3_F11	COPILOTO	3A
AF1_F12	DEFROSTER	20A	AF3_F12	24 VCD OUTPUT IN DASHBOARD	15A
AF1_F13	ROOF LEFT 2, IO B MODULE	30A	AF3_F13	24 VCD OUTPUT IN DRIVER SIDE	30A
AF1_F14	MOBITEC CONTROL & CECM MSW SIGNAL	7.5A	AF3_F14	EMPTY	
AF1_F15	EMPTY		AF3_F15	EMPTY	
AF1_F16	EMPTY		AF3_F16	EMPTY	
AF2_F1	OVER SPEED WARNING, RELAY K2	3A	AF4_F1	CONTROL PANEL AIR	5A
AF2_F2	TOILET IO B MODULE, LEFT & CENTRAL TOILET	7.5A	AF4_F2	EMPTY	
AF2_F3	ELECTRIC WINDOW	20A	AF4_F3	MOBITEC (+15)	5A
AF2_F4	FLAT SCREENS	30A	AF4_F4	ELECTROSTATIC FILTER	10A
AF2_F5	ROOF LEFT IO B MODULE	15A	AF4_F5	DRC AIR CONDITIONING	15A
AF2_F6	EMERGENCY WINDOW SIGN	3A	AF4_F6	AUDIO & VIDEO (+15)	3A
AF2_F7	EMPTY		AF4_F7	TIME AND TEMPERATURE DISPLAY	5A
AF2_F8	EMPTY		AF4_F8	PCB THERMO KING'S CLUTCH	5A
AF2_F9	COPILOTO,TD7	5A	AF4_F9	FEED +15 TD7	3A
AF2_F10	EMPTY		AF4_F10	ROOF HATCH FRONT	7.5A
AF2_F11	EMPTY		AF4_F11	ROOF HATCH REAR	7.5A
AF2_F12	AUDIO & VIDEO 24V	20A	AF4_F12	EMPTY	
AF2_F13	FLAT SCREENS	30A	AF4_F13	ELECTRICAL BLINDER	15A
AF2_F14	TOILET IO B MODULE	7.5A	AF4_F14	EMPTY	
AF2_F15	EMPTY		AF4_F15	EMPTY	
AF2_F16	EMPTY		AF4_F16	EMPTY	

RELAYS

Relay	Description
AK1_K1	FLAT SCREENS
AK1_K2	OVER SPEED 95KM CONTROL
AK1_K3	FLAT SCREENS
AK1_K4	DEFROSTER, SPEED 1
AK1_K5	DEFROSTER, SPEED 2
AK1_K6	DEFROSTER, SPEED 3

DOT ADDITIONAL FUSES

FUSE	DESCRIPTION	AMPERES
AF5_F1	FREE FUSE +30	3A
AF5_F2	FREE FUSE +30	10A
AF5_F3	FREE FUSE +30	20A
AF5_F4	FREE FUSE +30	30A
AF5_F5	FREE FUSE +30	7.5A
AF5_F6	FREE FUSE +30	15A
AF5_F7	FREE FUSE	15A
AF5_F8	FREE FUSE	5A
AF5_F9	FREE FUSE +30	5A
AF5_F10	FREE FUSE +30	5A
AF5_F11	FREE FUSE +30	10A
AF5_F12	FREE FUSE +30	20A
AF5_F13	FREE FUSE +30	30A
AF5_F14	FREE FUSE +30	7.5A
AF5_F15	FREE FUSE	7.5A
AF5_F16	FREE FUSE	3A



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Engineering Release Notice (ERN)	Location	Change Description	A = Added U = Deleted	W = Was	Document Release Status
E-23113-43					Date 2008-05-27 Modification Count

**REFERENCE NAME INDEX, BUS BEA BODY 9700 24V
MEXICO**

REFERENCE	COORDINATE	DESCRIPTION
+30D	AD 3 B	+30 SIGNAL
31A	PA 1 B	GROUND DASHBOARD
31B	PA 3 B	GROUND, ROOF LEFT FRONT
31C	PA 4 C	GROUND, ROOF LEFT REAR
31D	PA 0 E	GROUND, ROOF RIGHT REAR
31E	PA 1 E	GROUND, FLOOR
31F	PA 4 E	GROUND, EXTRA
31H	PB 1 C	GROUND, AUXILIARY HEATER
669B	EA 4 A	TOILET FAN
1155a	EA 2 A}	EMERGENCY BUTTON
1155b	EA 2 B}	EMERGENCY BUTTON
A2	EA 3 B	PIR SENSOR A2
A2L	EB 3 A	PIR SENSOR A2, LEFT TOILET
A3	EA 3 B	PIR SENSOR A3
A3L	EB 3 B	PIR SENSOR A3, LEFT TOILET
A6	EA 3 B	PIR SENSOR A6
A6L	EB 3 B	PIR SENSOR A6, LEFT TOILET
A43	BA 0 E	Body I/O Module, Middle Toilet
A45	BA 0 E	Body I/O Module, Middle Toilet
A48	CB 1 A	Body I/O Module 48
A49	NE 3 A	CONTROL UNIT IO-B, AUXILIARY HEATER
A53	BG 1 A	BODY I/O MODULE 53
A950	ND 1 C	PCB THERMOKING LRT_HP
A950C	ND 2 B	CLUTCH SIGNAL
A950H	ND 1 D	HEAT VALVE
A952	NE 4 C	WEBASTO TIMER
A7001	NB 0 C	AC UNIT
A9066	BB 2 A	CONTROL UNIT I/O-A CLIMATE CONTROL
A9067	BC 1 A	CONTROL UNIT I/O-B ROOF LEFT
A9068	BD 1 C	CONTROL UNIT I/O-B TOILET
A9069	BD 1 A	CONTROL UNIT I/O-B KITCHEN
A9070	BC 1 C	CONTROL UNIT CECM-B ROOF RIGHT
A9071	BE 1 A	CONTROL UNIT I/O-B FLOOR
A9072	BB 1 C	CONTROL UNIT I/O-A DASHBOARD
A9073	BD 1 C	CONTROL UNIT I/O-A CLIMATE CONTROL
A9077	BA 0 A	CONTROL UNIT MASTER ID

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A9078	NA 0 A	CONTROL UNIT, CLIMATE DISPLAY
A9079	AB 2 C	PCB, TIP
A9080	BF 1 A	CONTROL UNIT I/O-B LEFT TOILET
AF1	AC 0 B	FUSES MODULE
AF2	LA 0 B	FUSES MODULE
AF3	AD 0 B	FUSES MODULE
AF4	IA 0 D	FUSES MODULE
AF5	AG 0 C	FREE FUSE MODULE
AK1	AB 1 D	RELAYS MODULE
B21	NE 1 C	SENSOR, OUTDOOR TEMPERATURE
B22	NE 1 C	SENSOR, OUTDOOR TEMPERATURE
B952	ND 0 B	SENSOR, OUTSIDE TEMPERATURE
B955	ND 1 A	SENSOR ,PASSENGER TEMPERATURE
B961A	JC 1 B	SENSOR EMERGENCY WINDOWS
B961B	JC 2 B	SENSOR EMERGENCY WINDOWS
B961C	JC 2 B	SENSOR EMERGENCY WINDOWS
B961D	JC 3 B	SENSOR EMERGENCY WINDOWS
B961E	JC 0 B	SENSOR EMERGENCY WINDOWS
B961F	JC 0 B	SENSOR EMERGENCY WINDOWS
B961G	JC 1 B	SENSOR EMERGENCY WINDOWS
B7070	OB 3 B	INDUCTIVE SENSOR,ENGINE HATCH OPEN
B7072	NA 1 D	DEFROSTER TEMP. SENSOR
B7073	NA 4 B	OUTSIDE TEMP. SENSOR
B7074	NA 0 D	DRIVER TEMP. SENSOR
B7075	NC 2 D	PASSENGER SENSOR, REHEATING SYS
Ba+	AB 3 A	B+ SIGNAL, FREE TERMINAL
Bb+	AD 0 B	B+ SIGNAL, FREE TERMINAL
COP	KA 0 B	FEED COPILOTO
D972A	GA 2 B	DRIVER INTERPHONE
D972B	GA 2 C	CABIN INTERPHONE
DAH	NE 2 B	DIODE, AUXILIARY HEATER
DRD	BC 2 D	DIODE
E10LB	OA 1 C	LICENSE PLATE LEFT
E1ORB	OA 2 C	LICENSE PLATE RIGHT
E07LR	OA 1 C	FOG LIGHT LEFT REAR
E07RR	OA 2 C	FOG LIGHT RIGHT REAR
E09RB	OA 3 C	BREAK LIGHT MIDDLE
E10L	OA 0 C	TAIL AND BREAK LIGHT LEFT
E10LB	OA 1 C	LICENSE PLATE LEFT
E10R	OA 2 C	TAIL AND BREAK LIGHT RIGHT
E10RB	OA 2 C	LICENSE PLATE RIGHT
E11LF	OB 0 C	SIDE-MARKER LAMP MIDDLE LEFT
E11RF	OB 1 C	SIDE-MARKER LAMP MIDDLE RIGHT
E11TL	OB 0 C	SIDE-MARKER LAMP REAR LEFT
E11TR	OB 1 C	SIDE-MARKER LAMP REAR RIGHT
E13	OB 2 C	DIRECTION INDICATOR

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E16A	CB 2 D	LAMP, STEP
E16B	CB 2 D	LAMP, STEP
E16C	CB 2 D	LAMP, STEP
E59A	CB 0 C	LUMINESCENCE LAMP, BAND1
E59B	CB 0 B	LUMINESCENCE LAMP, BAND1
E60A	CB 0 C	LUMINESCENCE LAMP, BAND2
E60B	CB 0 C	LUMINESCENCE LAMP, BAND2
E61A	CB 2 D	LAMP, ROOF HEAD
E61B	CB 3 D	LAMP, ROOF HEAD
E91R	DA 3 D	LAMP, KNEELING WARNING
E420A	DA 1 D	POSITION LIGHTS, UPPER FRONT LEFT SIDE
E420B	DA 1 D	POSITION LIGHTS,UPPER CENTRE LEFT SIDE
E420C	DA 1 D	POSITION LIGHTS,UPPER REAR LEFT SIDE
E420D	DA 2 D	POSITION LIGHTS,UPPER REAR
E420E	DA 3 D	POSITION LIGHTS,UPPER REAR
E420F	DA 3 D	POSITION LIGHTS,UPPER REAR
E420G	DA 3 D	POSITION LIGHTS,UPPER REAR
E420H	DA 3 D	POSITION LIGHTS,UPPER REAR
E420I	DA 4 D	POSITION LIGHTS,UPPER REAR
E420J	DA 4 D	POSITION LIGHTS,UPPER REAR
E421A	DA 2 D	POSITION LIGHTS, UPPER FRONT RIGHT SIDE
E421B	DA 2 D	POSITION LIGHTS, UPPER CENTRE RIGHT SIDE
E421C	DA 2 D	POSITION LIGHTS, UPPER REAR RIGHT SIDE
E421D	DA 0 D	POSITION LIGHTS, UPPER FRONT
E421E	DA 0 D	POSITION LIGHTS, UPPER FRONT
E421F	DA 0 D	POSITION LIGHTS, UPPER FRONT
E421G	DA 0 D	POSITION LIGHTS, UPPER FRONT
E421H	DA 1 D	POSITION LIGHTS, UPPER FRONT
E433	CB 3 D	GUIDE LAMP
E435A	CB 1 D	READING LAMPS LEFT SIDE
E435B	CB 1 D	READING LAMPS RIGHT SIDE
E450	CB 3 D	DESTINATION SIGN LAMP
E450L	CB 3 D	DESTINATION SIGN LAMP
E467A	CA 0 D	FLUORESCENT TUBE, DIM LIGHT RIGHT SIDE
E467B	CA 0 D	FLUORESCENT TUBE, FULL LIGHT RIGHT SIDE
E467C	CA 0 D	FLUORESCENT TUBE, DIM LIGHT LEFT SIDE
E467D	CA 0 D	FLUORESCENT TUBE, FULL LIGHT LEFT SIDE
E471A	CA 3 D	NIGHT LIGHT, LEFT SIDE
E471B	CA 3 D	NIGHT LIGHT RIGHT SIDE
E472	IA 0 B	BULB, ENGINE COMPARTMENT
E566	GA 4 B	REST COMPARTMENT SNAKE LAMP
E567	IB 0 C	SNAKE LAMP, ELECTRIC CENTRE
E568	IB 0 C	SNAKE LAMP, MAP LIGHT
E902A	LB 0 D	DRIVER LOUDSPEAKER
E902B	LB 0 D	DRIVER LOUDSPEAKER
E902C	LB 1 D	GUIDE LOUDSPEAKER

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E902D	LB 1 D	GUIDE LOUDSPEAKER
E902E	LB 2 D	LOUDSPEAKERS, ROOF RIGHT
E902F	LB 3 D	LOUDSPEAKERS, ROOF LEFT
E911A	IB 4 C	PASSENGER SPEAKERS, LEFT SIDE
E911B	IB 4 C	PASSENGER SPEAKER, RIGHT SIDE
E4054A	EA 3 B	LIGHT INTO THE TOILET
E4054AL	EB 3 B	LIGHT INTO THE LEFT TOILET
E4054B	EA 3 B	LIGHT INTO THE TOILET
E4054BL	EB 3 B	LIGHT INTO THE LEFT TOILET
E4055A	HB 2 B	OCCUPIED & VACANT DISPLAY
E4055AL	HB 2 D	OCCUPIED & VACCANT DISPLAY, LEFT SIDE
E4055L	EB 3 A	OCCUPIED & VACCANT DISPLAY, LEFT SIDE
E4055LA	EA 3 A	OCCUPIED & VACANT LAMP WC
E4057A	CC 0 D	TOOL BOX COMPARTMENT LAMPS LEFT SIDE
E4057B	CC 0 D	LUGGAGE LAMPS LEFT SIDE
E4057C	CC 1 D	LUGGAGE LAMPS LEFT SIDE
E4057D	CC 1 D	LUGGAGE LAMPS LEFT SIDE
E4057E	CC 2 D	EXTRACOMPARTMENT LAMPS LEFT SIDE
E4057F	CC 2 D	LUGGAGE LAMPS RIGHT SIDE
E4057G	CC 3 D	LUGGAGE LAMPS RIGHT SIDE
E4057H	CC 3 D	LUGGAGE LAMPS LEFT SIDE
E4057J	CC 4 D	TOOL BOX COMPARTMENT LAMPS RIGHT SIDE
E4063	IB 3 C	OVER SPEED LAMP
E4064	CB 2 D	DRIVER LAMP
E4065	FA 4 D	KITCHEN LIGHT
E4066A	GA 0 D	REST COMPARTMENT LEFT LIGHT
E4066B	GA 1 D	REST COMPARTMENT RIGHT LIGHT
E4067	IB 1 C	TIME & TEMPERATURE DISPLAY
E4070	HA 3 B	EMERGENCY LAMP
E7003	FA 0 D	COFFEE MACHINE
E7004	FA 2 D	FRIDGE
EFL	IA 1 D	ELECTROSTATIC FILTER
EFR	IA 1 D	ELECTROSTATIC FILTER
F101A	AB 1 A	FUSE 50 AMP, + 30
F101B	AB 1 B	FUSE 30 AMP, B+
F104	AB 1 A	FUSE 125 AMP, A/C
F107	AB 1 B	FUSE 30 AMP, +B
FMD	HC 1 D	CENTRAL DOOR
FMT	HC 0 D	CENTRAL TOILET
G01.A	AB 0 C	BATTERY TERMINAL
G01B.B	AB 0 D	BATTERY TERMINAL
FOGL	OA 1 B	FOG PLATE LIGHTS
G01	AB 0 C	BATTERY 12 VCD
G01B	AB 0 D	BATTERY
G03	IC 4 D	ALTERNATOR
G813	LA 3 D	OUTPUT 12V

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G814A	LA 3 D	OUTPUT 24V
G814B	LA 4 D	OUTPUT 12V
GND	AB 3 B	GROUND
GND31B	AB 0 E	GROUND TERMINAL
GNDa	AB 3 B	GROUND
H01	IA 3 C	ELECTRIC HORN A
H02	IA 3 C	ELECTRIC HORN B
H06R	OA 3 C	BUZZER REVERSE
H07	DA 4 D	HORN, KNEELING ALARM
H12	JC 4 C	INDICATOR LAMP, EMERGENCY WINDOWS
H853	EA 2 C	BUZZER
H853L	EB 2 C	BUZZER, LEFT TOILET
H860	IB 3 C	OVER SPEED BUZZER
H5013	IB 3 C	OVER SPEED TELLTALE
J1	PA 1 B	SPLICE
J2	CB 2 E	SPLICE
J3	CA 0 A	SPLICE
J4	EA 4 B	SPLICE
J5	CB 4 A	SPLICE
J6	PA 1 B	SPLICE
J7	CB 3 E	SPLICE
J8	PA 2 B	SPLICE
J9	PA 3 B	SPLICE
J10	PA 3 B	SPLICE
J11	BC 3 C	SPLICE
J12	BC 4 C	SPLICE
J13	PA 4 B	SPLICE
J14	AA 0 D	SPLICE
J15	PA 3 A	SPLICE
J16	PA 4 A	SPLICE
J17	AA 0 E	SPLICE
J18	PA 4 A	SPLICE
J19	PA 0 D	SPLICE
J20	GA 0 A	SPLICE
J21	CC 1 D	SPLICE
J22	PA 0 D	SPLICE
J23	PA 0 D	SPLICE
J24	PA 2 D	SPLICE
J25	PA 1 D	SPLICE
J26	PA 1 D	SPLICE
J27	CC 1 C	SPLICE
J28	CC 1 C	SPLICE
J29	PA 1 D	SPLICE
J30	PA 2 D	SPLICE
J31	PA 2 D	SPLICE
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J33	PA 3 D	SPLICE
J34	PA 3 D	SPLICE
J35	CB 3 E	SPLICE
J36	PA 4 D	SPLICE
J37	GA 0 B	SPLICE
J38	CA 0 C	SPLICE
J39	CA 1 C	SPLICE
J40	CB 0 B	SPLICE
J41	CB 1 C	SPLICE
J42	CA 3 C	SPLICE
J43	PA 1 B	SPLICE
J44	CC 3 D	SPLICE
J45	EA 1 B	SPLICE
J46	EA 3 B	SPLICE
J47	EA 1 B	SPLICE
J48	EA 1 D	SPLICE
J49	LB 3 B	SPLICE
J50	CB 3 B	SPLICE
J51	BA 1 B	SPLICE
J52	BA 1 B	SPLICE
J53	BA 2 B	SPLICE
J54	BA 2 B	SPLICE
J55	BA 2 B	SPLICE
J56	BA 2 B	SPLICE
J57	BA 3 B	SPLICE
J58	BA 3 B	SPLICE
J59	BA 3 B	SPLICE
J60	BA 3 B	SPLICE
J61	BA 3 B	SPLICE
J62	BA 4 B	SPLICE
J63	BA 2 C	SPLICE
J64	BA 2 D	SPLICE
J65	PB 0 C	SPLICE
J66	JA 1 A	SPLICE
J67	LB 2 B	SPLICE
J68	IB 2 B	SPLICE
J69	BC 0 D	SPLICE
J70	BC 0 D	SPLICE
J71	BC 1 D	SPLICE
J72	BC 1 D	SPLICE
J73	IB 4 B	SPLICE
J74	LB 2 B	SPLICE
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J83	GA 2 A	SPLICE
J84	BF 2 B	SPLICE
J85	BF 2 B	SPLICE
J86	EB 3 A	SPLICE
J87	EB 3 B	SPLICE
J88	EB 1 B	SPLICE
J89	EB 1 B	SPLICE
J90	OA 0 B	SPLICE
J91	CB 4 C	SPLICE
J92	CB 4 D	SPLICE
J93	CB 3 C	SPLICE
J94	CB 2 C	SPLICE
J95	LB 2 B	SPLICE
J96	OB 3 C	SPLICE
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J103	BA 2 C	SPLICE
J104	BA 2 D	SPLICE
J105	AA 3 D	SPLICE
J106	BA 1 C	SPLICE
J107	BA 1 D	SPLICE
J108	PA 0 A	SPLICE
J109	CB 2 B	SPLICE
J110	AC 1 B	SPLICE
J111	AB 4 C	SPLICE
J132	DA 4 E	SPLICE
J133	AC 1 C	SPLICE
J134	AC 2 C	SPLICE
J135	LA 1 C	SPLICE
J136	CB 0 B	SPLICE
J137	CB 3 C	SPLICE
J138	PB 1 B	SPLICE
J139	AA 0 E	SPLICE
J140	AA 1 E	SPLICE
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J151	PA 0 B	SPLICE
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J153	CB 1 C	SPLICE
J154	IC 3 D	SPLICE
J159	NE 2 C	SPLICE
J160	PB 1 C	SPLICE
J161	BA 3 C	SPLICE
J162	BA 3 D	SPLICE
J163	PB 2 C	SPLICE
J164	NE 0 D	SPLICE
J165	OA 0 B	SPLICE
J166	OA 3 B	SPLICE
J167	OA 0 C	SPLICE
J168	OA 3 C	SPLICE
J169	JC 0 A	SPLICE
J170	JC 0 D	SPLICE
J171	JC 2 A	SPLICE
J172	JC 2 D	SPLICE
J173	OA B 3	SPLICE
J1708	BB 3 D	CECM PC:JC
K+	FA 0 C	KITCHEN SUPPLY
K-	FA 1 C	KITCHEN GROUND
K320	AB 0 C	POWER BOX
K345	OB 3 C	RELAY, START INHIBITOR
KK	FA 0 C	KITCHEN RELAY
M10F	JB 0 B	MOTOR, FRONT ROOF HATCH
M10R	JB 0 D	MOTOR, REAR ROOF HATCH
M33	NC 1 B	MOTOR, DEFROSTER SMOG FLAP
M34	IA 2 D	Motor, Extractor Roof Hatch
M35	JB 2 D	MOTOR, DRIVER WINDOW
M36	NE 2 D	MOTOR, WEBASTO HEATER
M37	NE 3 D	MOTOR, WEBASTO PUMP
M38	EA 3 E	MOTOR, URINAL PUMP
M650	MA 0 D	WINDSCREEN WIPER MOTOR
M651	MA 2 C	WINDSCREEN WASHER MOTOR
M664	EA 3 E	WC FLUSHING WATER PUMP
M664L	EB 3 D	WATER PUMP, WC FLUSH, LEFT TOILET
M669	EA 4 A	FAN
M669L	EB 4 A	FAN, TOILET
M670	FA 3 D	FRESH WATER PUMP

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M671A	JA 2 D	MIRROR MOTOR
M671B	JA 3 D	MIRROR MOTOR
M672	JA 1 D	BLINDER MOTOR
M6059	GA 2 E	REST COMPARTMENT FAN
M6061	EA 2 B	HANDWASH WATER PUMP
M6061L	EB 1 B	WATER PUMP, HW, LEFT TOILET
M6062	NC 1 D	CIRCULATION PUMP, REHEATING SYS
M6063	NA 0 D	FLAP FLOOR, SCREEN STEPLESS
M6064	NC 2 D	FAN, REHEATING SYSTEM
M6071	JA 0 D	DRIVER FAN
M6072	JA 0 D	GUIDE FAN
M6073	NA 3 E	DEFROSTER
MINISIGMA	3 B	CONTROL UNIT MINISIGMA
P715	KA 0 A	CODRIVER/INTELSAT
P716	KA 1 A	CONTROL PANEL AIR/VIGIA
P718	KA 4 C	PARK PILOT FLOOR
R1	BA 0 B	RESISTOR 120ohms, START CANB
R2	BA 3 D	RESISTOR 120ohms, START CANB
R3	BC 1 D	RESISTOR 120 ohms, end CAND
RSL	OA 0 C	REAR STOP LIGHT LEFT
RSR	OA 2 C	REAR STOP LIGHT RIGHT
RSTL	OA 0 A	LAMP, REAR STOP TAIL DOT
RSTR	OA 2 C	LAMP, REAR STOP TAIL DOT
S23F	JB 0 B	SWITCH, FRONT ROOF HATCH
S23R	JB 0 E	SWITCH, REAR ROOF HATCH
S80	LB 3 C	SWITCH, TRANSCOM
S101	HC 3 B	SWITCH, MIDDLE DOOR
S116	CA 0 B	INTERIOR LIGHTS
S117	CB 1 B	READING LIGHTS
S118	JA 0 B	SWITCH, DRIVER AND GUIDE FAN
S123	IA 3 B	SWITCH, EXTRACTOR ROOF HATCH
S126	JB 3 B	SWITCH, DRIVER WINDOW
S127	JB 2 B	SWITCH, WINDOW HEATER
S132	CB 4 B	DESTINATION SIGN LIGHT
S134	EA 2 B	PUSH BUTTON, URINAL PUMP
S172A	CC 0 B	TOOL BOX COMPARTMENT LEFT SIDE MSW
S172B	CC 0 B	LUGGAGE LIGHTS LEFT SIDE MSW
S172C	CC 1 B	LUGGAGE LIGHTS LEFT SIDE MSW
S172D	CC 1 B	LUGGAGE LIGHTS LEFT SIDE MSW
S172F	CC 2 B	LUGGAGE LIGHTS RIGHT SIDE MSW
S172G	CC 3 B	LUGGAGE LIGHTS RIGHT SIDE MSW
S172H	CC 3 B	LUGGAGE LIGHTS RIGHT SIDE MSW
S172J	CC 4 B	TOOL BOX COMPARTMENT RIGHT SIDE MSW
S1107	HA 1 B	DOOR LOCK
S1108	GA 1 B	LIGHTING SLEEPER CAB
S1111	IA 1 B	CENTRAL LOCK

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S1112	FA 2 B	FRIDGE
S1113	FA 0 B	COOKER
S1115	HA 0 B	SERVICE DOOR
S1141	NB 3 B	SWITCH, GAS CHARGING
S1144	CB 3 B	DRIVER & GUIDE LIGHT
S1147A	HA 2 A	SWITCH, INSIDE FRONT DOOR
S1147B	HA 3 B	SWITCH, OUTSIDE FRONT DOOR
S1148	CA 3 B	NIGHT LIGHT
S1148a	CA 2 B	SEAT NIGHT LIGHT
S1150	DA 2 A	POSITION LIGHTS
S1151	EA 4 C	GENERAL SWITCH TOILET
S1152	EA 2 B	HANDWASH BUTTON
S1152L	EB 2 B	HANDWASH BUTTON, LEFT TOILET
S1153	EA 2 B	WC FLUSHING BUTTON
S1153L	EB 2 B	WC FLUSHING BUTTON, LEFT TOILET
S1154	EA 3 A	MOVEMENT SENSOR
S1154L	EB 3 A	MOVEMENT SENSOR, LEFT TOILET
S1155	EA 2 A	EMERGENCY BUTTON
S1155L	EB 2 A	EMERGENCY BUTTON, LEFT TOILET
S1156	EA 2 D	PRINCIPAL TANK SENSOR
S1157	EA 1 D	SOIL TANK SENSOR
S1158	FA 4 B	KITCHEN LIGHT
S1160	GA 2 B	BERTH FAN
S1161A	GA 0 B	SLEEPER CAB LEFT
S1161B	GA 0 B	SLEEPER CAB RIGHT
S1162	EA 1 D	HANDWASH TANK SENSOR
S1162L	EB 1 D	HANDWASH TANK SENSOR, LEFT TOILET
S1163	HB 1 B	AUXILIARY STEP
S1164	JA 4 A	SWITCH, MIRRORS
S1165	JA 3 B	SWITCH, MIRROR HEATER
S1166	JA 2 B	SWITCH, BLINDER
S2016H	NB 3 D	HIGH PRESSURE SWITCH
S2016L	NB 3 D	LOW PRESSURE SWITCH
S7071	MA 3 D	WINDSHIELD WIPER TANK LEVEL SENSOR
S9074	HA 2 A	PRESOSTATO
S9075	HA 2 A	PRESSURE SENSOR
S9076	HA 4 A	MICRO-SWITCHES BERTH
T901	LA 0 B	VOLTAGE CONVERTER
T901A	LA 2 B	VOLTAGE CONVERTER
T901B	KA 0 C	VOLTAGE CONVERTER
TACHO	IC 1 C	TACHOGRAPH FEED CONNECTION
TACHOCOP	KA 0 C	TACHOGRAPH FEED COPILOTO
TACHOMS	IC 3 C	TACHOGRAPH FEED MINISIGMA
TACHOTD7	IC 1 C	TACHOGRAPH FEED TD7
W	AA 4 A	W ALTERNATOR SIGNAL
XC102B	AB 0 C	POWER BOX TERMINAL

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Y	AB 3 A	DEVICE TERMINAL
Y72	IA 4 C	AIR HORN
Y79	NE 1 B	VALVE, ROOF HEATING SYSTEM
Y80	NE 0 B	VALVE, PASSENGER HEATING SYSTEM
Y82	NE 0 B	VALVE, DEFROSTER HEATING SYSTEM
Y90	NE 0 B	VALVE, BYPASS
Y952	NB 3 E	CLUTCH COMPRESSOR
Y952A	NB 0 E	DISCHARGE VALVE
Y6009	NA 4 E	AC DEFROSTER VALVE
Y6014	IA 1 C	SOLENOID VALVE
Y6015	HA 0 C	SOLENOID VALVE DOOR
Y6016	NC 0 D	ROOF VALVE, REHEATING SYSTEM
Y6017A	NA 2 E	PASSENGER VALVE
Y6017B	NA 1 E	DEFROSTER VALVE
Y6017C	NA 2 E	BYPASS VALVE
Y6042	EA 2 E	ISONIC PNEUMATIC VALVE
Y6042L	EB 2 D	PNEUMATIC VALVE, LEFT TOILET
Y6070	HB 1 D	SOLENOID VALVE AUXILIARY STEP
Y6017A	NA 2 E	PASSENGER VALVE
Y6017B	NA 1 E	DEFROSTER VALVE
Y6017C	NA 2 E	BYPASS VALVE
Y6042	EA 2 E	ISONIC PNEUMATIC VALVE
Y6042L	EB 2 D	PNEUMATIC VALVE, LEFT TOILET
Y6070	HB 1 D	SOLENOID VALVE AUXILIARY STEP

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