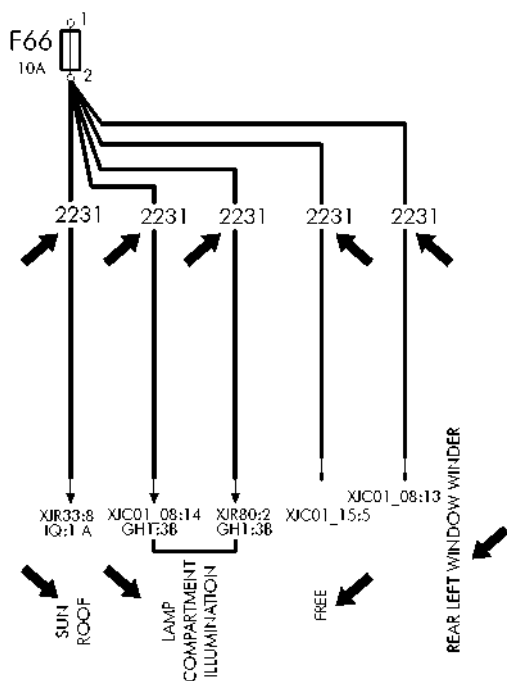


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Wire number



T3018844

Wire equipotential: Equipotential is a wire propriety which characterize a signal flowing a wire (same signal = same equipotential). Several wires could have the same equipotential.

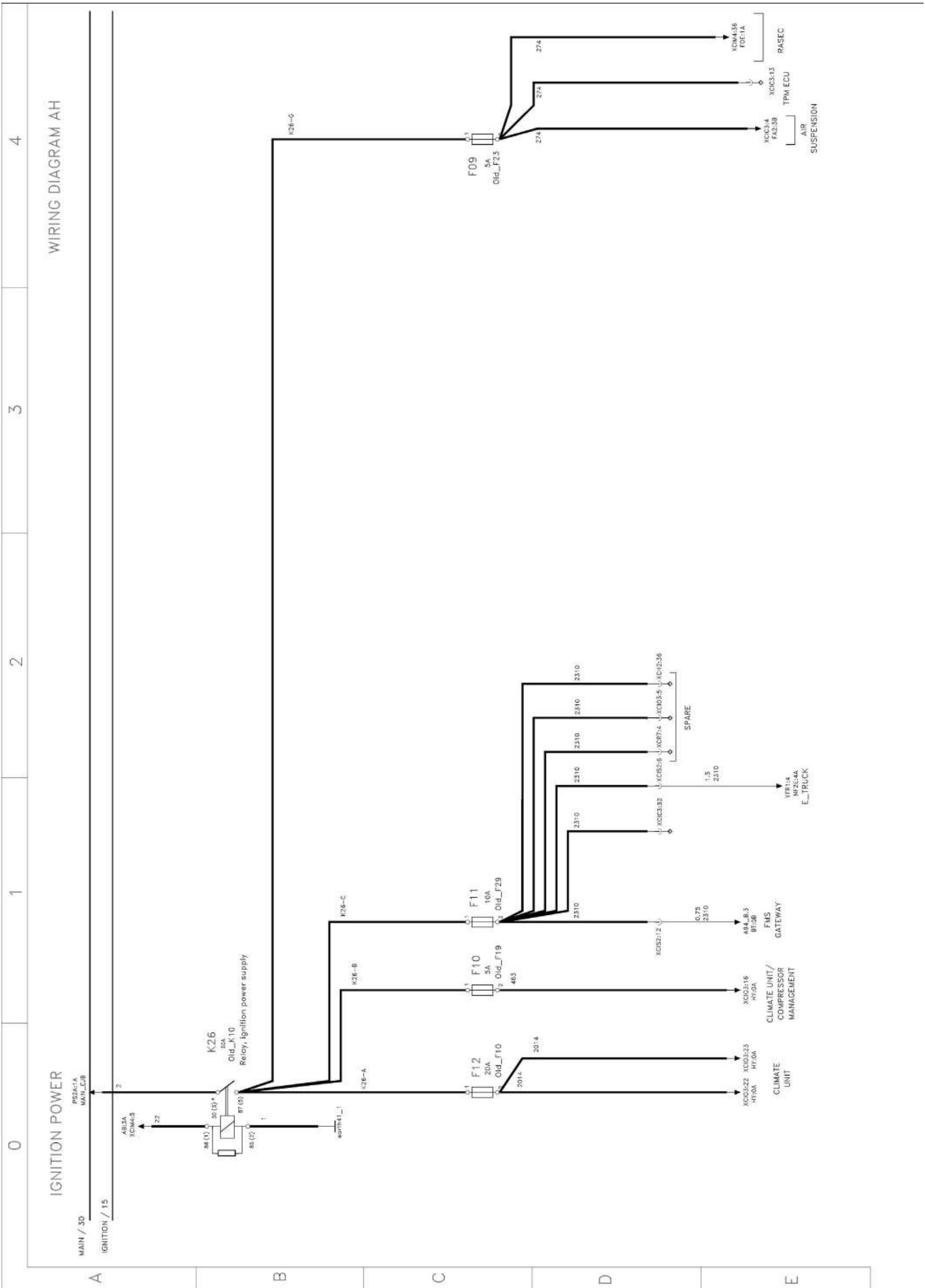
The first digit of the number	Family
1	Ground and negative supply
2	Positive supply
3	Signal
4	Comfort accessories
5	Security accessories
6	Lighting
7	Instrumentation
8	Body builder
9	Free
0	Electronic/Data link

Starting switch

Switch logic diagram.

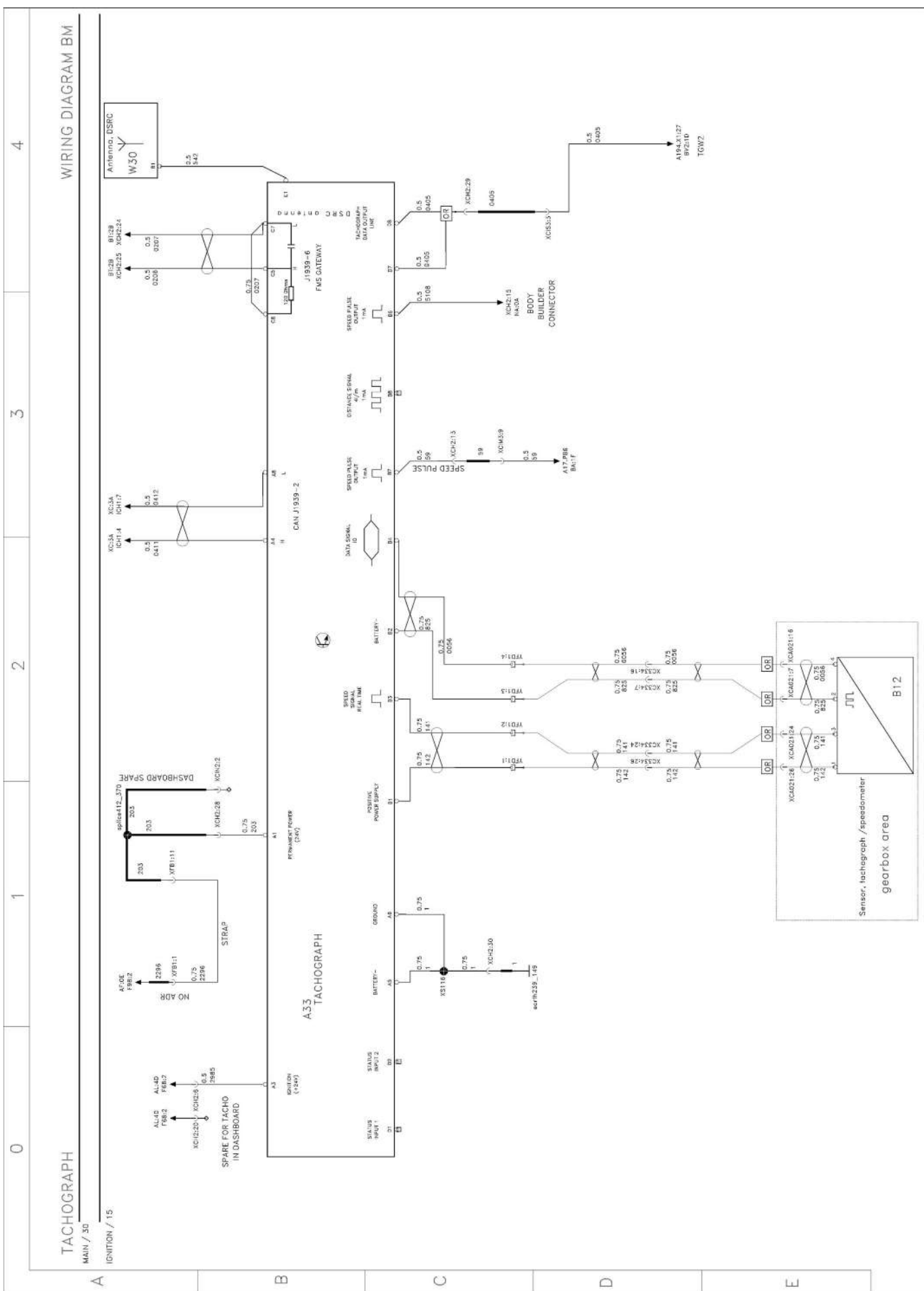
Terminal	Key in position									
	Key inserted	—	“0”	—	“1”	—	“ ”	—	“ ”	
Key inserted										
Off										
Accessories (pos. 5)										
+15/DR										
50										

EN1	Electronic braking system front modulator all options	“ ”, page 46
EN3	Electronic braking system rear modulator all options	“ ”, page 47
EN4	Electronic braking system modulators all options	“ ”, page 48
FA2	Air-suspension, 6x2 (full air)	“ ”, page 49
FCE	Air power management	“ ”, page 50
FDE	Air compressor 1/2 twin dryer	“ ”, page 51
FOE	Rear axle steering electronically controlled 6x2 TAG	“ ”, page 52
FPE	Hydraulic power steer	“ ”, page 53
GA1	Parking lights	“ ”, page 54
GA2	Parking lights	“ ”, page 55
GB1	Low beam / high beam headlights control	“ ”, page 56
GB2	Fog Lights & Extra highbeam headlights control	“ ”, page 57
GC2	Side lights & beacon warning lights	“ ”, page 58
GC3	Rear lamps	“ ”, page 59
GC4	Frame side lights	“ ”, page 60
GC5	Headlight lamps	“ ”, page 61
GD	Reverse lights / brake lights	“ ”, page 62
GF1	Diagnostics and infomax plugs	“ ”, page 63
GF2E	Onboard charger	“ ”, page 64
GH1	Interior lighting (1,6m cab/2m cab/2,2m cab std roof panel)	“ ”, page 65
GH3	Interior lighting (2m cab)	“ ”, page 66
GH5	Interior lighting (2,2m cab full height roof panel)	“ ”, page 67
GM	Windscreen wiper washer	“ ”, page 68
GQ	Flasher unit	“ ”, page 69
GQ1	Horn	“ ”, page 70
HXE	Cooling heater	“ ”, page 71
HY	Heater	“ ”, page 72
IA	Heated seat / buzzer belt / cigar lighter	“ ”, page 73
IF1	Heated adjustable mirror left driving	“ ”, page 74
IF2	Heated adjustable mirror right driving	“ ”, page 75
IM	Central locking / Immobilizer	“ ”, page 76
IN	Theft alarm	“ ”, page 77
IO	Body builder module (BBM)	“ ”, page 78
IQ	Sun roof / window lift	“ ”, page 79
IR	Comfort accessories	“ ”, page 80
IR1	Comfort accessories	“ ”, page 81
IU1	Global audio platform	“ ”, page 82
KA	Brake body builder output	“ ”, page 83
KBE	Electric motor drive 1	“ ”, page 84



WIRING DIAGRAM AH

IGNITION POWER



TACHOGRAPH

WIRING DIAGRAM BM

MAIN / 30

IDENTION / 15

0

1

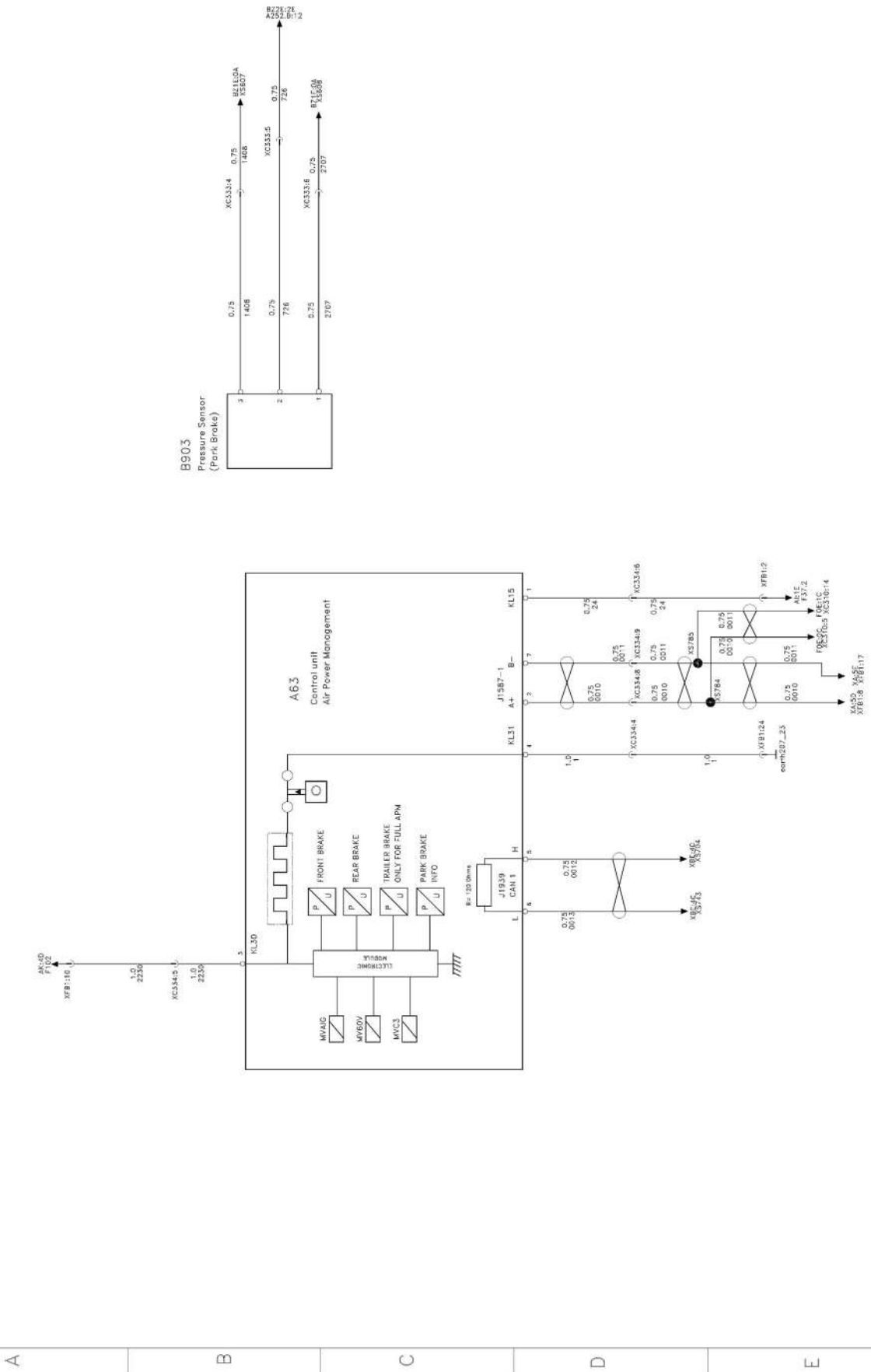
2

3

4

AIR POWER MANAGEMENT

WIRING DIAGRAM FCE



HEATED ADJUSTABLE MIRROR LEFT DRIVING

WIRING DIAGRAM IF 1

MAIN / 30

A IGNITION / 15

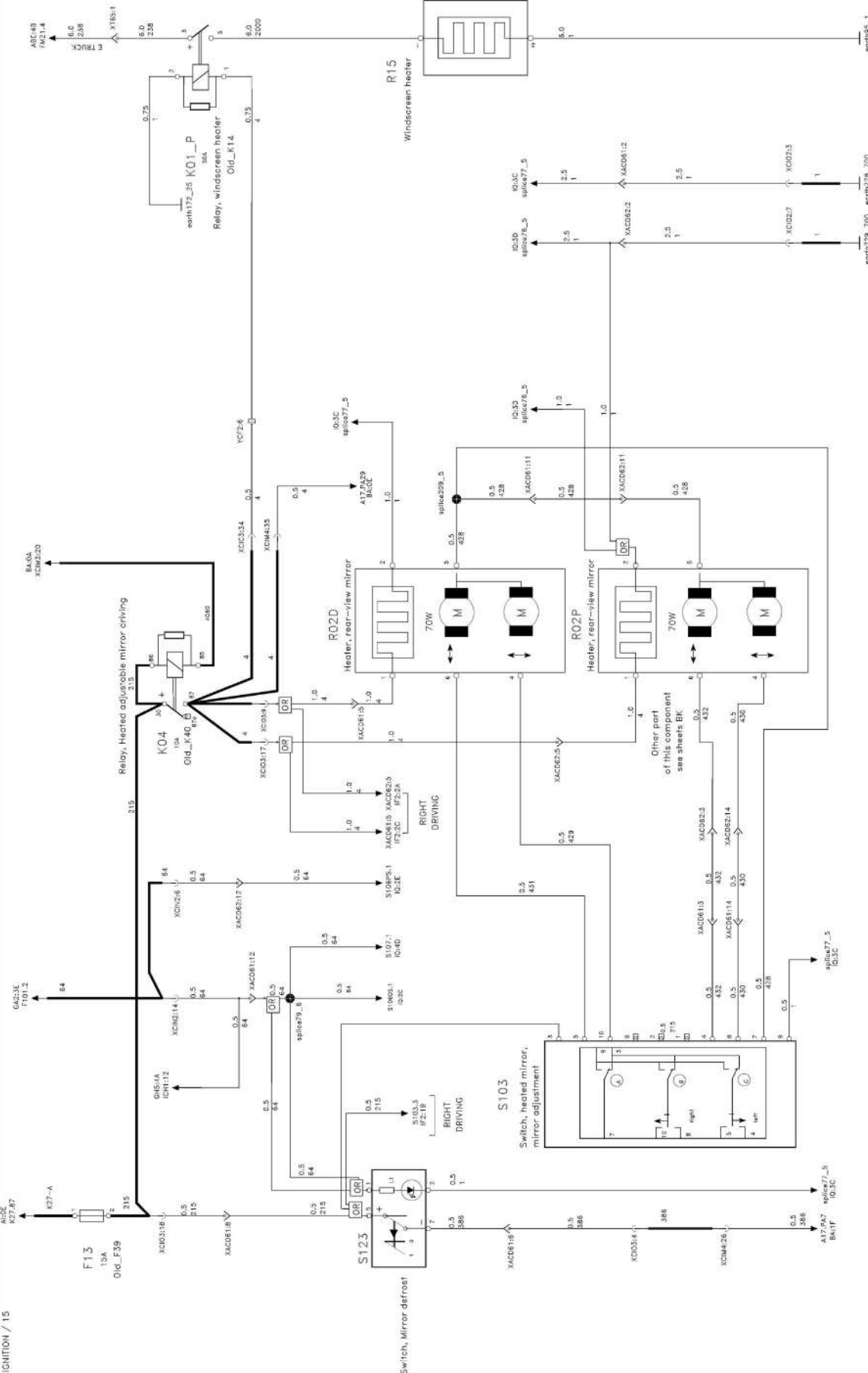
B

C

D

E

0 1 2 3 4



T3152142

0 1 2 3 4

WIRING DIAGRAM XAE

BACKBONE 2

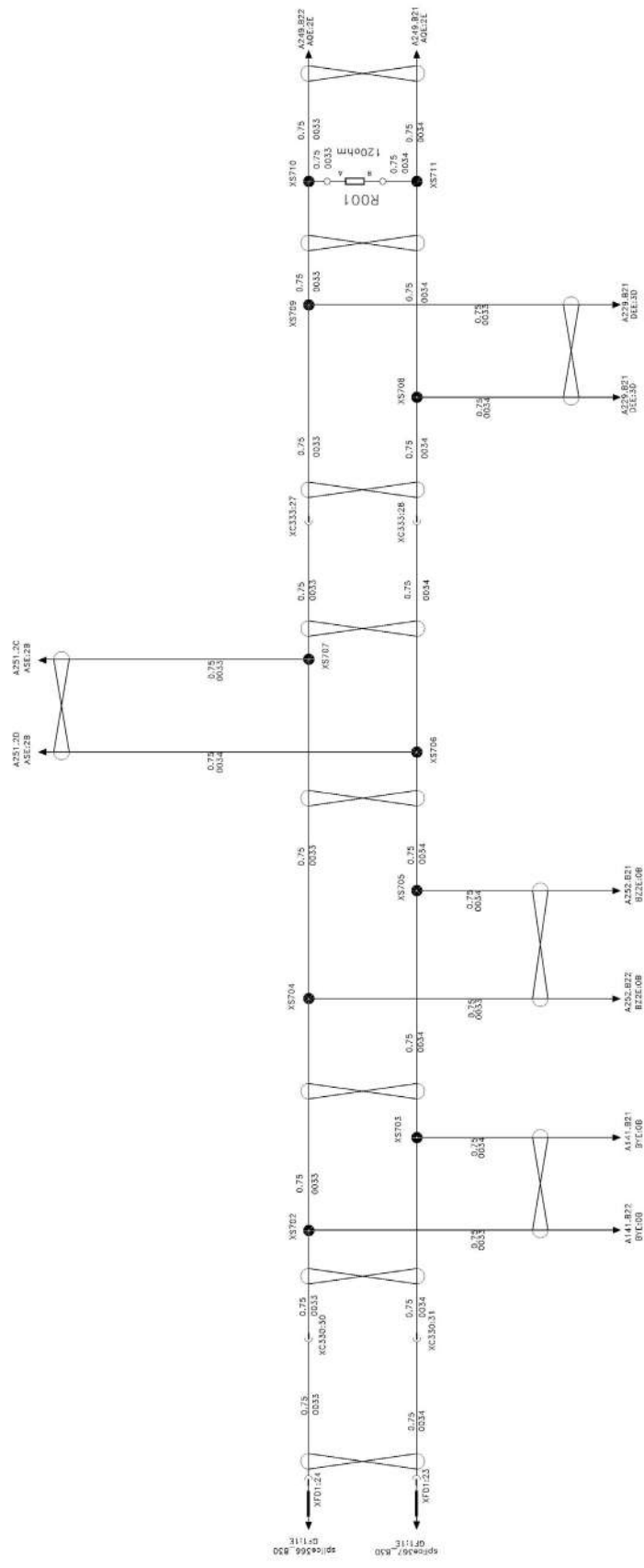
A

B

C


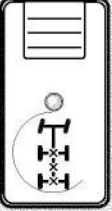
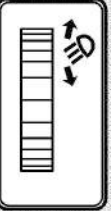



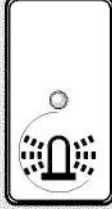


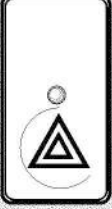



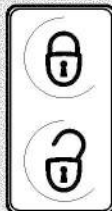



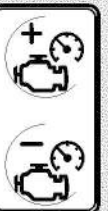


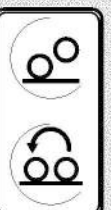
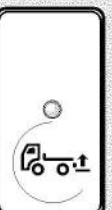
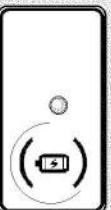

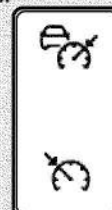




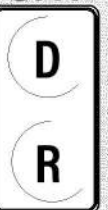
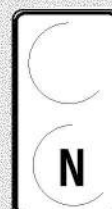
D

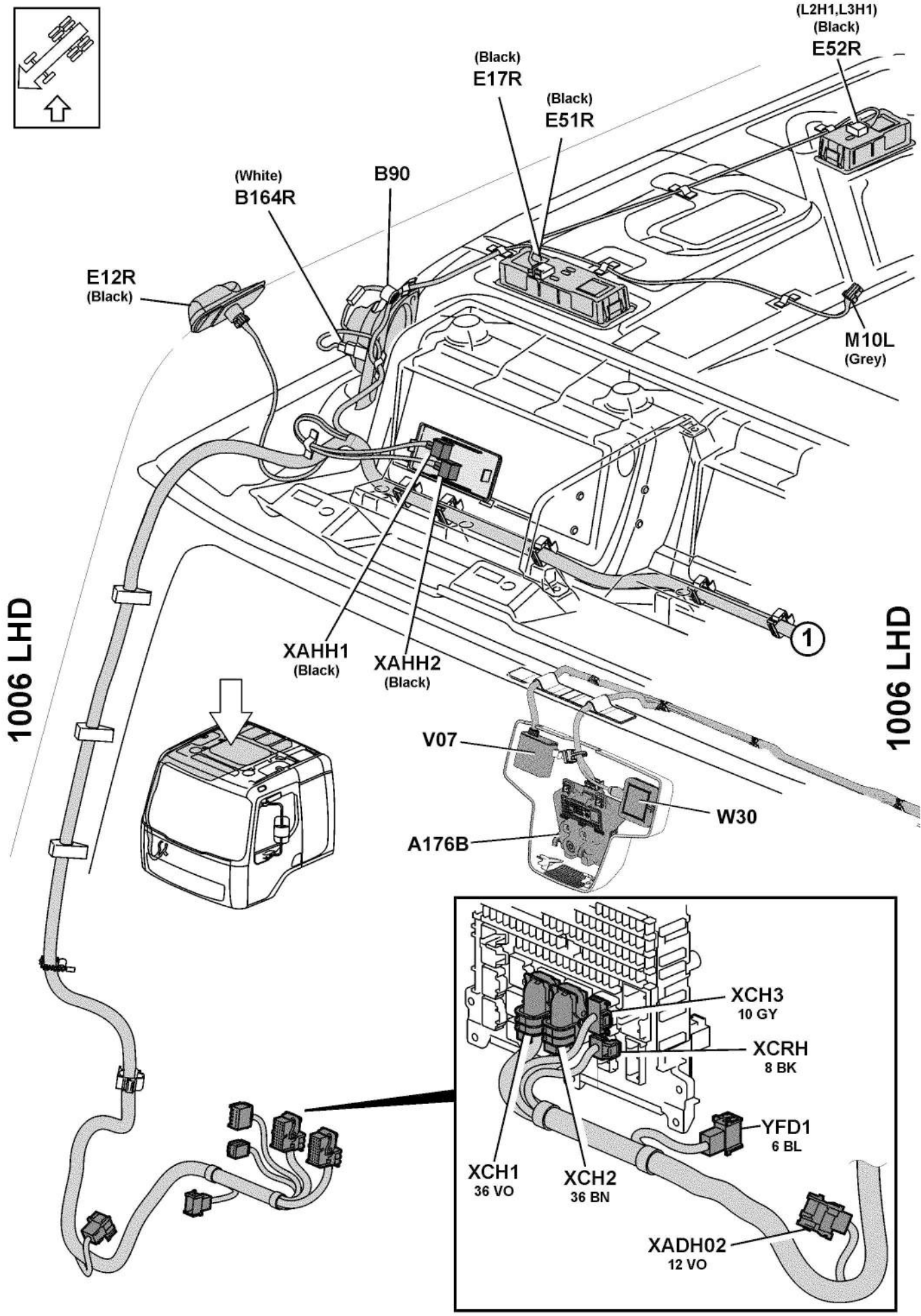
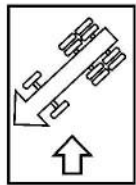
E

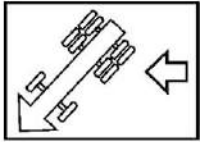


Switches

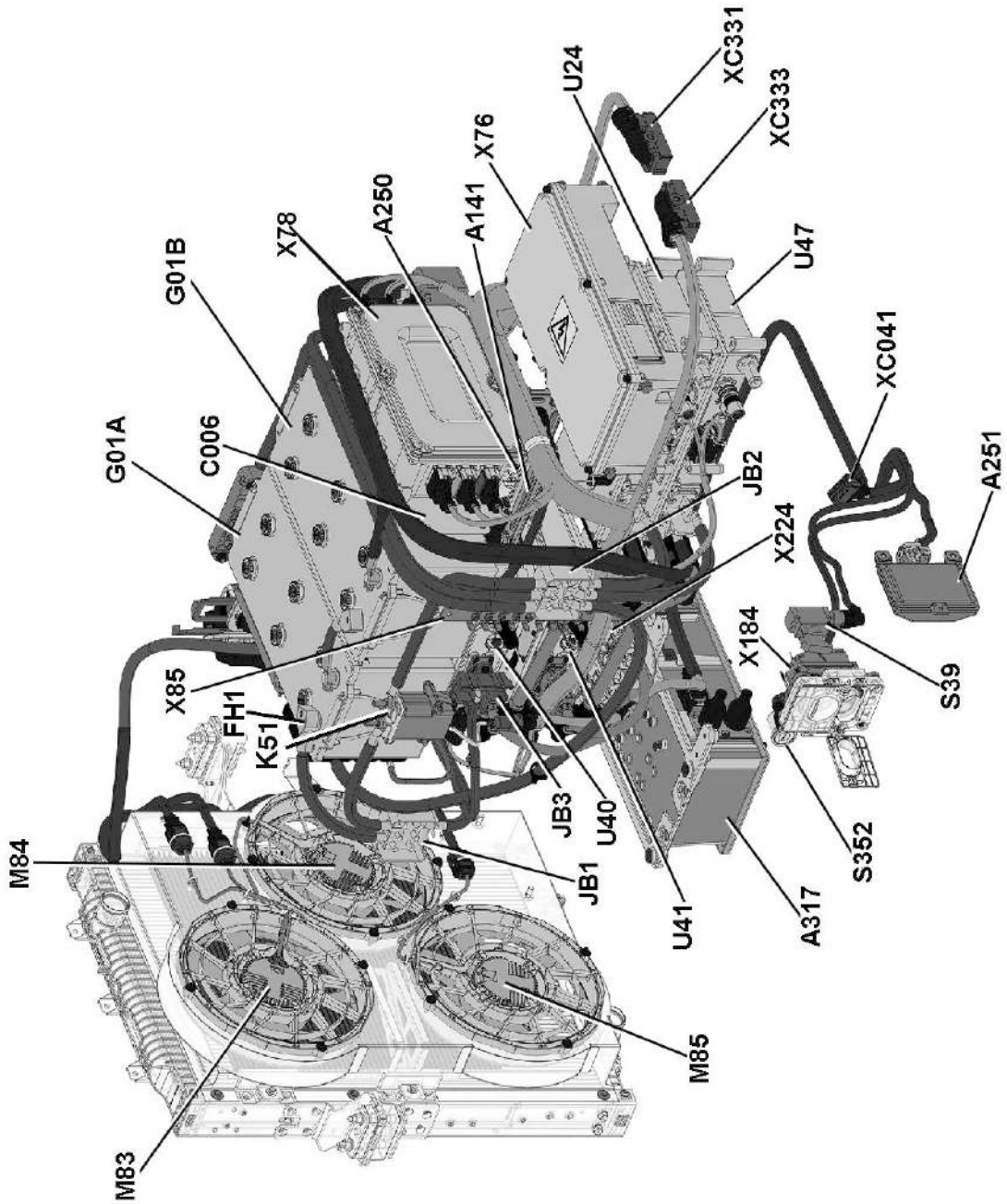
Switches

<p>Violet S03</p> <p>Work lamps loading lamps</p> 	<p>Violet S08B</p> <p>Differential lock inter axle and rear axles</p> 	<p>Green S22A</p> <p>Levelling control Headlights</p> 	<p>Red S23</p> <p>Roof hatch</p> 	<p>Brown S31A</p> <p>Traction control</p> 	<p>Brown S73</p> <p>Reverse warning</p> 
<p>Black S75</p> <p>Beacon, warning light</p> 	<p>Blue S95</p> <p>Panic alarm</p> 	<p>White S96</p> <p>Alarm reduce set</p> 	<p>Orange S105</p> <p>Hazard warning light</p> 	<p>White S106DS</p> <p>Window winder Passenger side</p> 	<p>White S106PS</p> <p>Window winder Passenger side</p> 
<p>Violet S107</p> <p>Window winder Driver side</p> 	<p>Black S115</p> <p>Door lock</p> 	<p>Orange S123</p> <p>Mirror defrost</p> 	<p>Black S125</p> <p>Body Builder ridge lighting</p> 	<p>Orange S126</p> <p>Body Builder machine ON</p> 	<p>Red S146</p> <p>Temporary RSL</p> 
<p>Violet S147B</p> <p>RPM regulation</p> 	<p>Black S167E</p> <p>Body Builder</p> 	<p>Red S185</p> <p>Bogie lift</p> 	<p>Violet S212</p> <p>Tail lift</p> 	<p>Orange S230</p> <p>Retarder</p> 	<p>Orange S383</p> <p>ACC time gap switch</p> 
<p>Black S385</p> <p>CC/ACC mode selection switch</p> 	<p>Black S385</p> <p>CC enabling switch</p> 	<p>Green S386</p> <p>ASL enabling switch</p> 	<p>Black S400</p> <p>LDWS OFF</p> 	<p>Green S401</p> <p>AEBS OFF</p> 	<p>Violet S900</p> <p>Reverse/Drive</p> 
<p>Red S901</p> <p>Neutral/Hold</p> 					



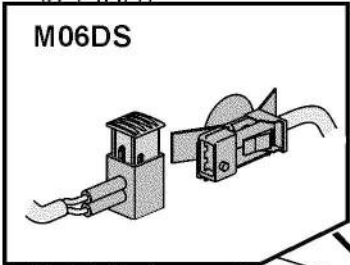
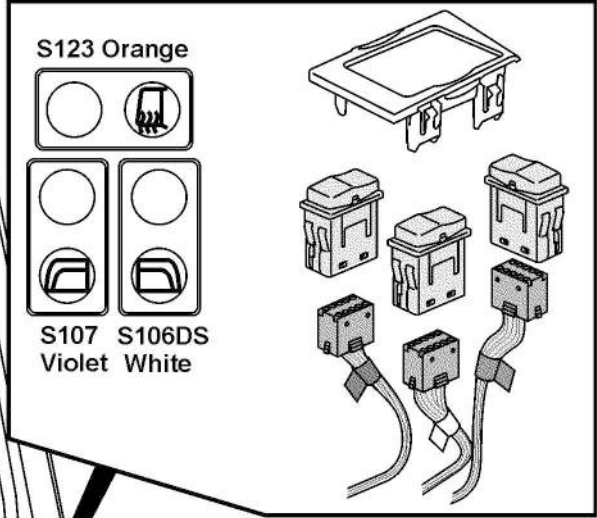
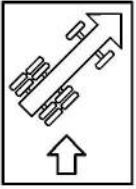


1030



1030

**STWPOS-L Drawn
STWPOS-R mirror mounted**



R02D

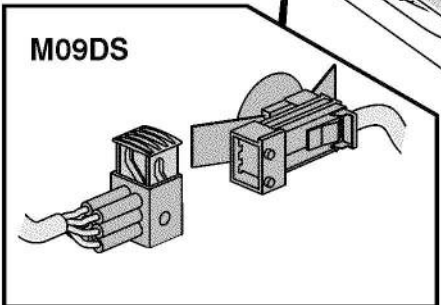
(Brown)
S103

1006
(Violet)
XADH01

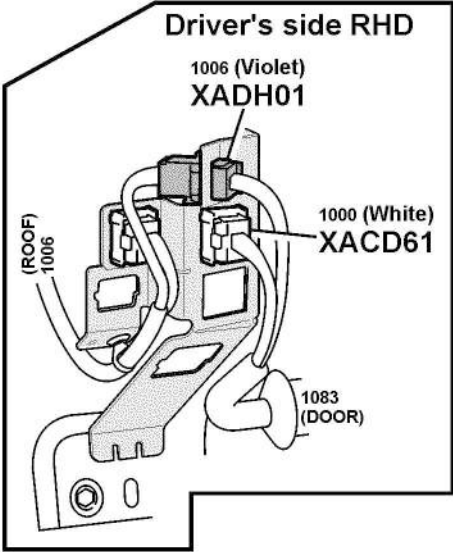
1000
(White)
XACD61

1083

1083

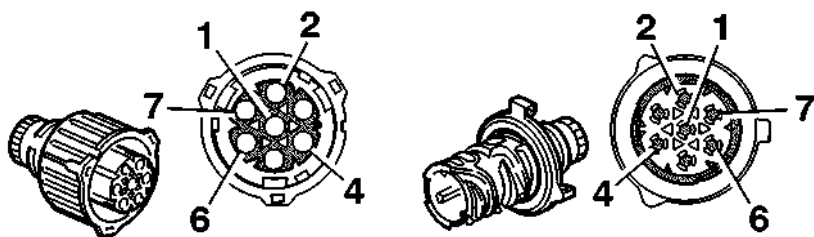


E16DS



K01	Relay, park brake trigger (tiltcab)(pos.1)	(KA:0 D)
K01_P	Relay, windscreen heater (pos. Junction Box)	(IF1:4 B)
K02	Relay, front fog (pos. 2)	(GB2:0 C)
K03	Relay, reverse light (pos. 3)	(GD:1 B)
K04	Relay, heated adjustable mirror driving (pos. 4)	(IF1:2 B)
K05	Relay, power ECS (pos. 5)	(AL:1 C)
K08	Relay, horn (pos. 8)	(GQ1:1 C)
K10	Relay, brake light (pos. 10)	(GD:3 B)
K11	Relay, rear fog light (pos. 11)	(GB2:2 B)
K12	Relay, high beam headlight (pos. 12)	(GB1:3 B)
K13	Relay, interior parking lights (pos. 13)	(GA2:2 A)
K14	Relay, beacon warning (pos. 14)	(GC2:3 B)
K15	Relay, wiper (pos. 15)	(GM:1 C)
K16	Relay, motor headlamp washer pump (pos. 16)	(GM:1 B)
K17	Relay, day running lights (pos. 17)	(GA1:3 B)
K19	Relay, alternator controlled, engine running (pos. 19)	(AN:2 C)
K21	Relay, rear parking lighting rigid & trailer (pos. 21)	(GA1:2 C)
K22	Relay, parking lights BB connector (pos. 22)	(GA2:4 B)
K23	Relay, main, power tachograph (pos. 23)	(AL:4 B)
K24	Relay, starting switch accessories (pos. 24)	(AG:0 B)
K25	Relay, ignition power supply (pos. 25)	(AJ:0 B)
K26	Relay, ignition power supply (pos. 26)	(AH:0 A)
K27	Relay, ignition power supply (pos. 27)	(AI:0 B)
K28	Relay, accessories, optional (pos. 28)	(AG:2 B)
K29	Relay, power EMS (pos 29)	(AL:3 C)
K51	Relay, power supply (pos. MPB)	(ABE:1 C)

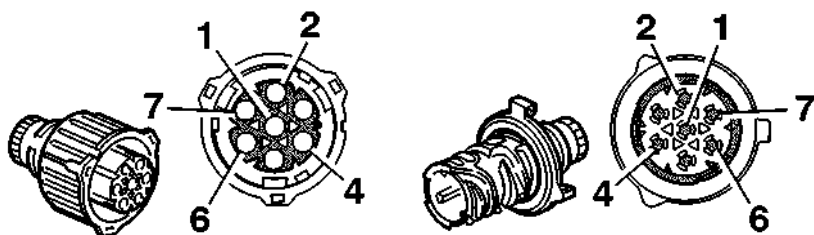
PB3



T3020295

Pin no:	Circuit function	Wiring no:	Diagram
1	Coded line alarm trailer connection freight	0403	NCE:2 C
2	Power supply kl. 30	208	NCE:1 C
3	Rear left marker	667	NCE:1 C
4	Ground	1	NCE:0 C
5	Rear right marker	668	NCE:1 C
6	Power supply kl. 15	275	NCE:1 C
7	Ground	1	NCE:0 C

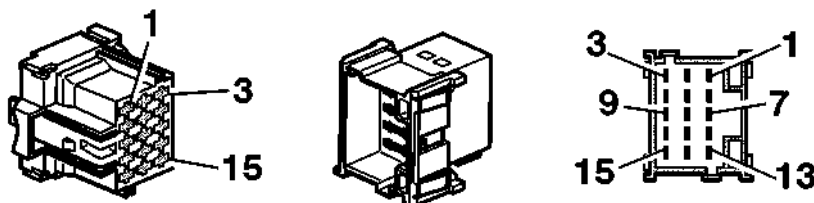
X62



T3020295

Pin no:	Circuit function	Wiring no:	Diagram
1	Bodybuilder predisposition switch	0461	NCE:3 D
3	Chassis/equipment	8116	NCE:3 C
7	Bodybuilder predisposition switch	0460	NCE:3 C

XACD61

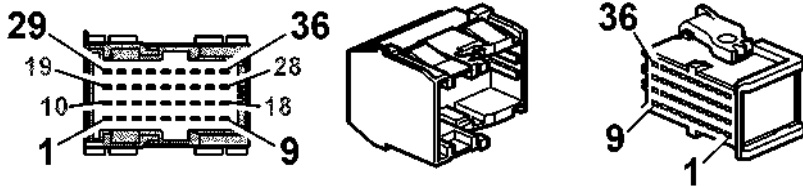


T3019800

Pin no:	Circuit function	Wiring no:	Diagram
1	Power supply kl. 30	45	GH1:2 B / GH5:2 C
2	Ground	1	IF1:4 D
3	Adjustable mirror motors control	432	IF1:1 D / IF2:2 B
4	Passenger window lift control	470	IQ:2 C
5	Heated mirror power supply. Windscreen heater relay control	4	IF1:2 C / IF2:2 B

26	Heated mirror request	386	IF1:0 D
32	Chassis lighting or valve lighting	618	NB:4 C
33	Machine ON	8083	NB:3 B
35	Heated mirror power supply. Windscreen heater relay control	4	IF1:2 B
36	Power supply kl. 15	274	FOE:1 A

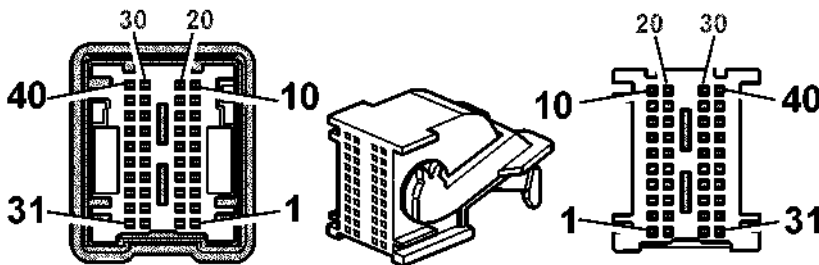
XCIN1



T3071134

Pin no:	Circuit function	Wiring no:	Diagram
19	Chassis lighting or valve lighting	618	NB:4 C
20	Machine ON	8083	NB:3 B
22	Ground	1	NB:4 C
23	Bodybuilder predisposition switch	0461	NB:1 B
24	Bodybuilder predisposition switch	0460	NB:1 B
26	Dashboard illumination power supply	64	NB:4 A
27	Power supply kl. 30	2120	NB:4 B

XCIN2



T3084558

Pin no:	Circuit function	Wiring no:	Diagram
1	Power supply kl. 15	4309	IR1:2 B
2	Direct battery	203 / 2296	BM:1 A
6	Dashboard illumination power supply	64	IF1:1 B
7	Outside temperature sensor (+)	709	BK:1 D
8	Outside temperature sensor (-)	710	BK:0 D
14	Dashboard illumination power supply	64	IF1:1 B
15	Dashboard illumination power supply	64	IA:4 C
16	Dashboard illumination power supply	64	HY:2 B
19	Door switch signal	1159	GH1:1 C / GH5:0 C
21	Select button BP1 or "HOT key"	0057	BK:4 D