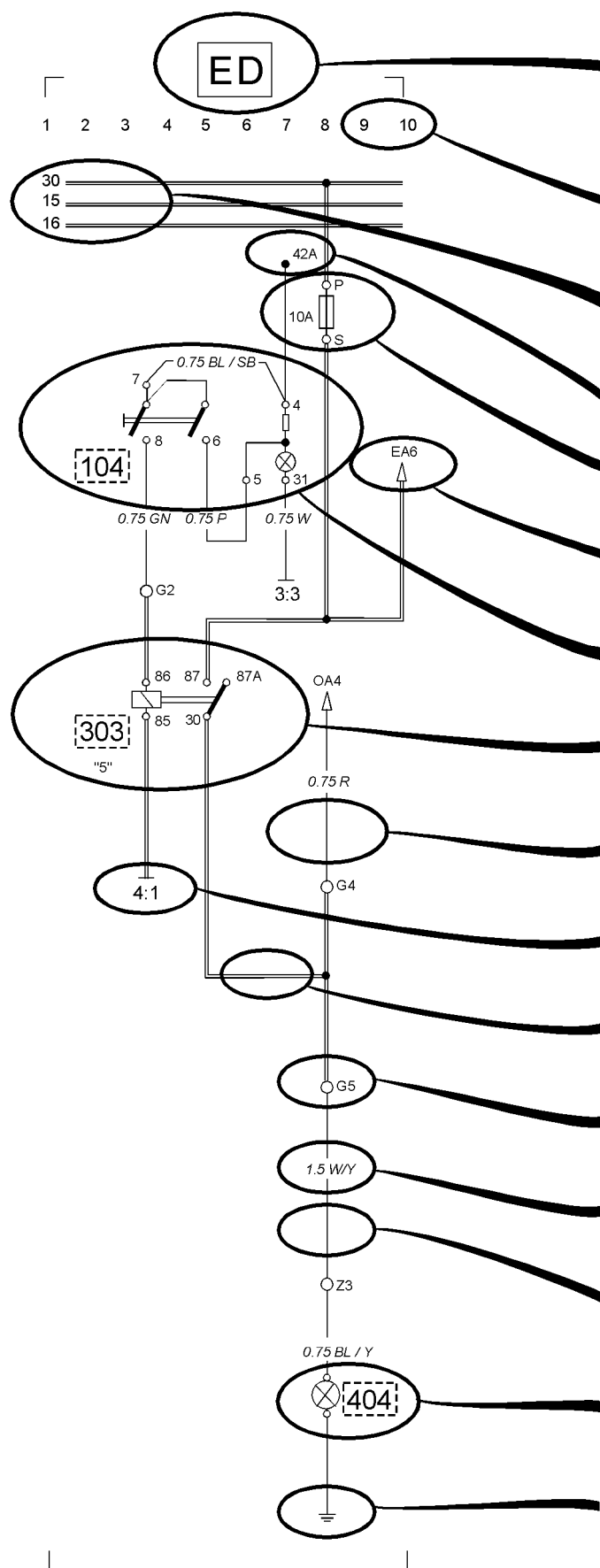


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Example of circuit diagram



Refer to the list of contents for the designation of the circuit diagram. If the circuit diagram designation is boxed in with broken lines this means that the circuit diagram is not standard on all market or vehicle models.

Seek column

30 Always voltage.
15 Voltage with starting key in drive position.
61 Voltage when alternator charges .

Joint sleeve

Fuse

Reference arrow (for circuit diagram EA, seek column 6).

Switch (104)

Relay (303)

If the line is broken this means the cable is not standard on all markets or vehicle model.

Earth terminal no: 1. at earth connection point no: 4. (see diagram Earth Connections).

Double lines, conductor on circuit card.

Connector (G terminal 5).

Cable area and colour (1.5 mm² white/yellow).

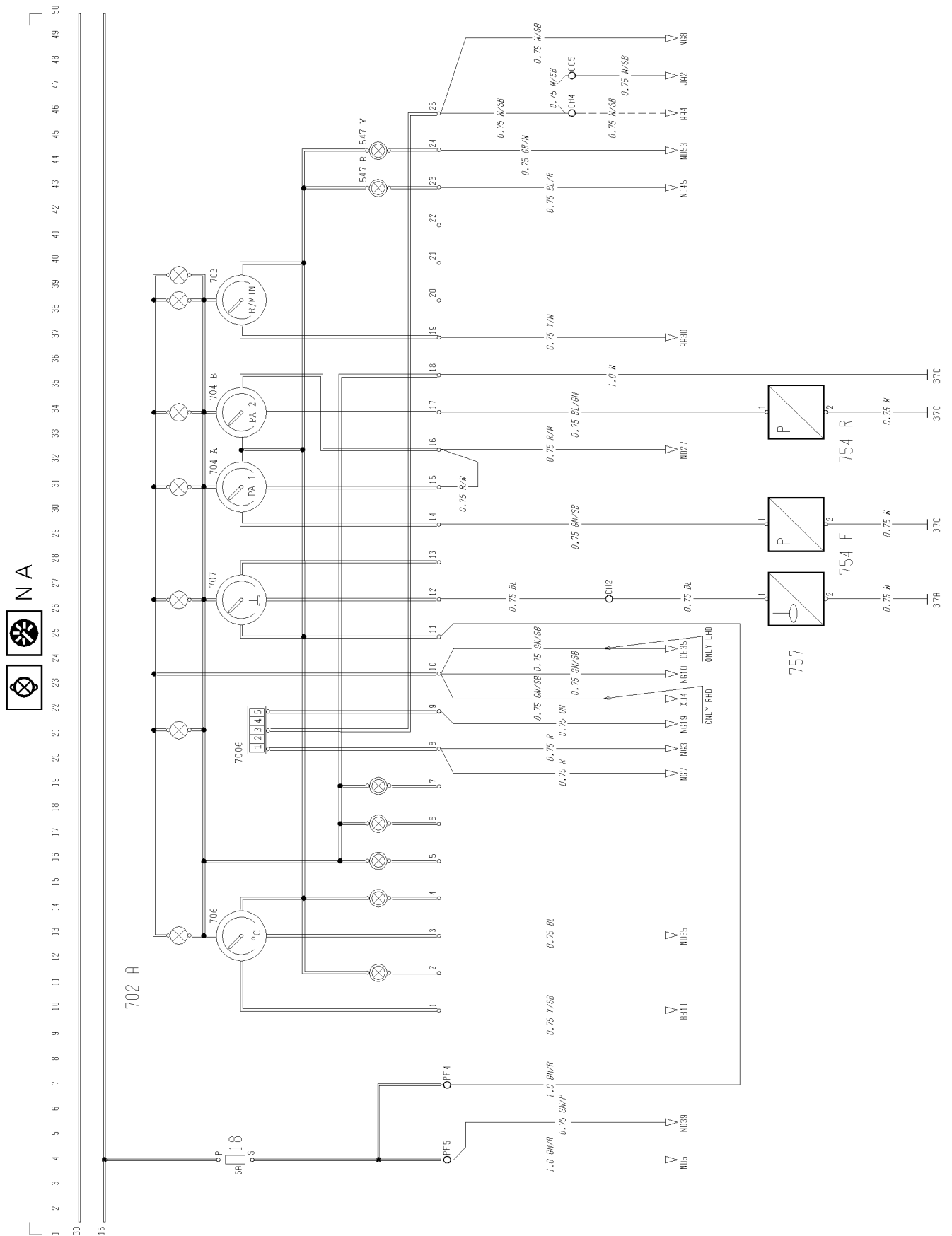
Single lines, cables.

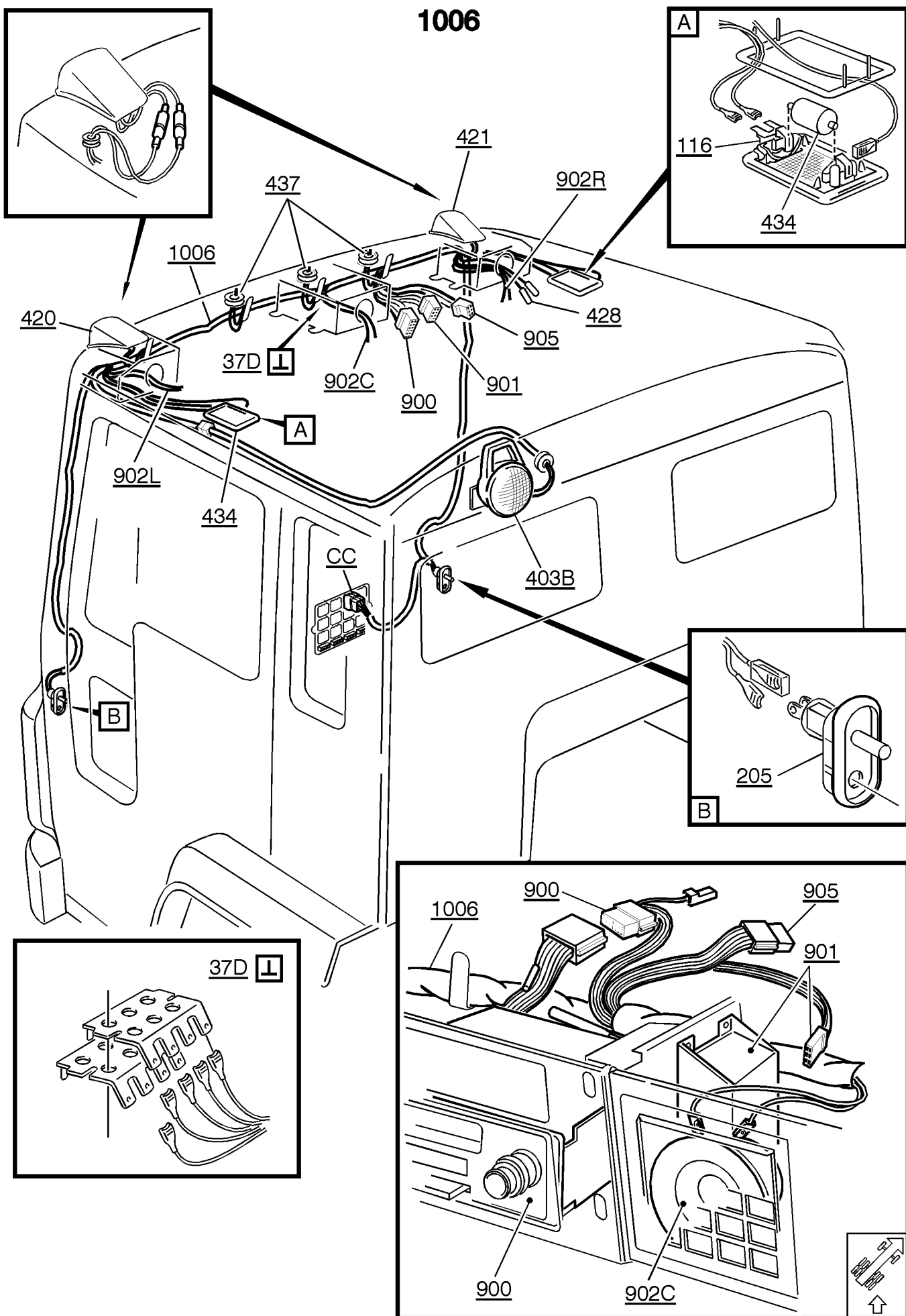
Bulb (404)
A broken line box round the component number shows that the component is not standard on all markets or vehicle models.

Earth connections without cable.

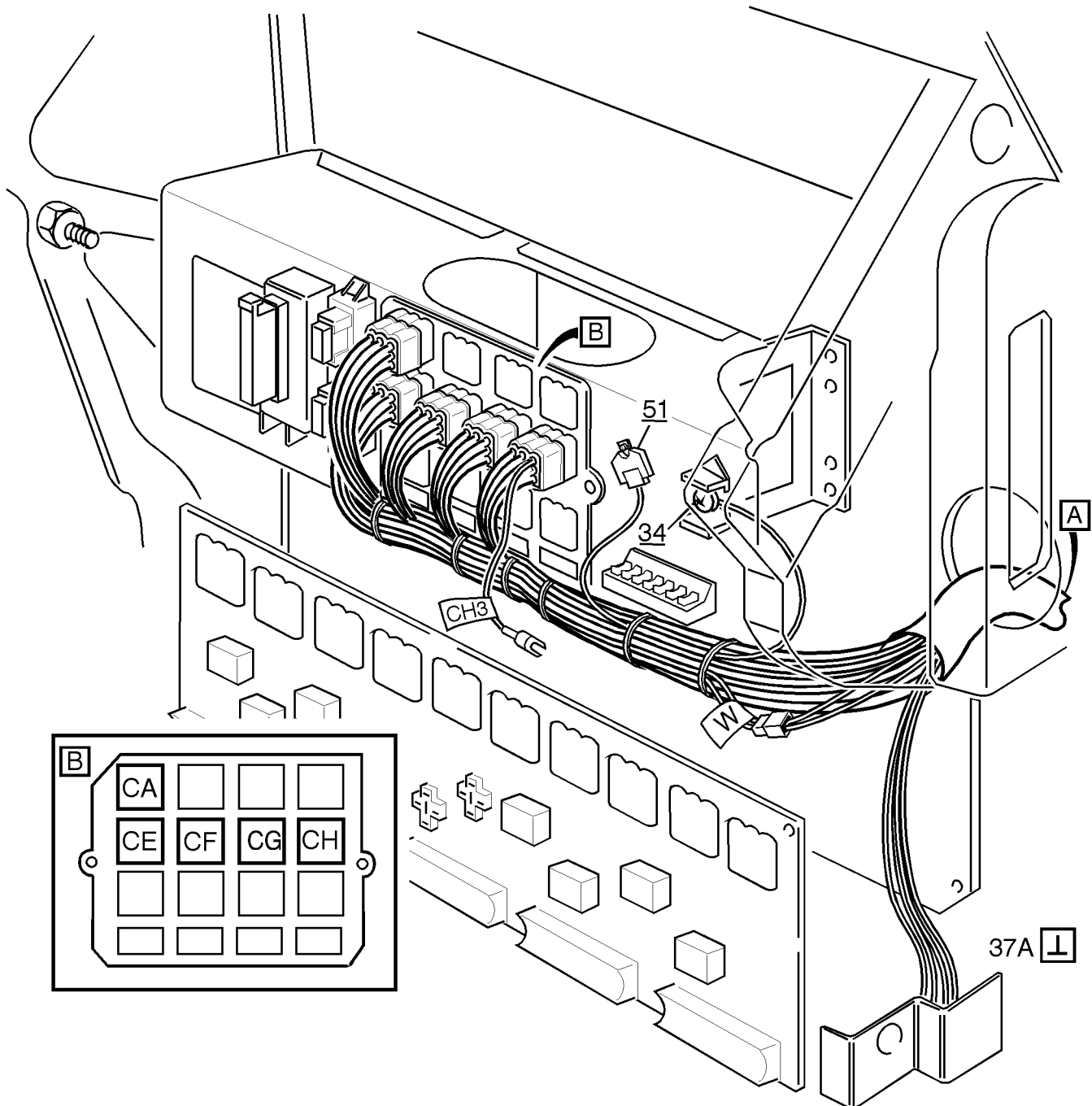
T3008719



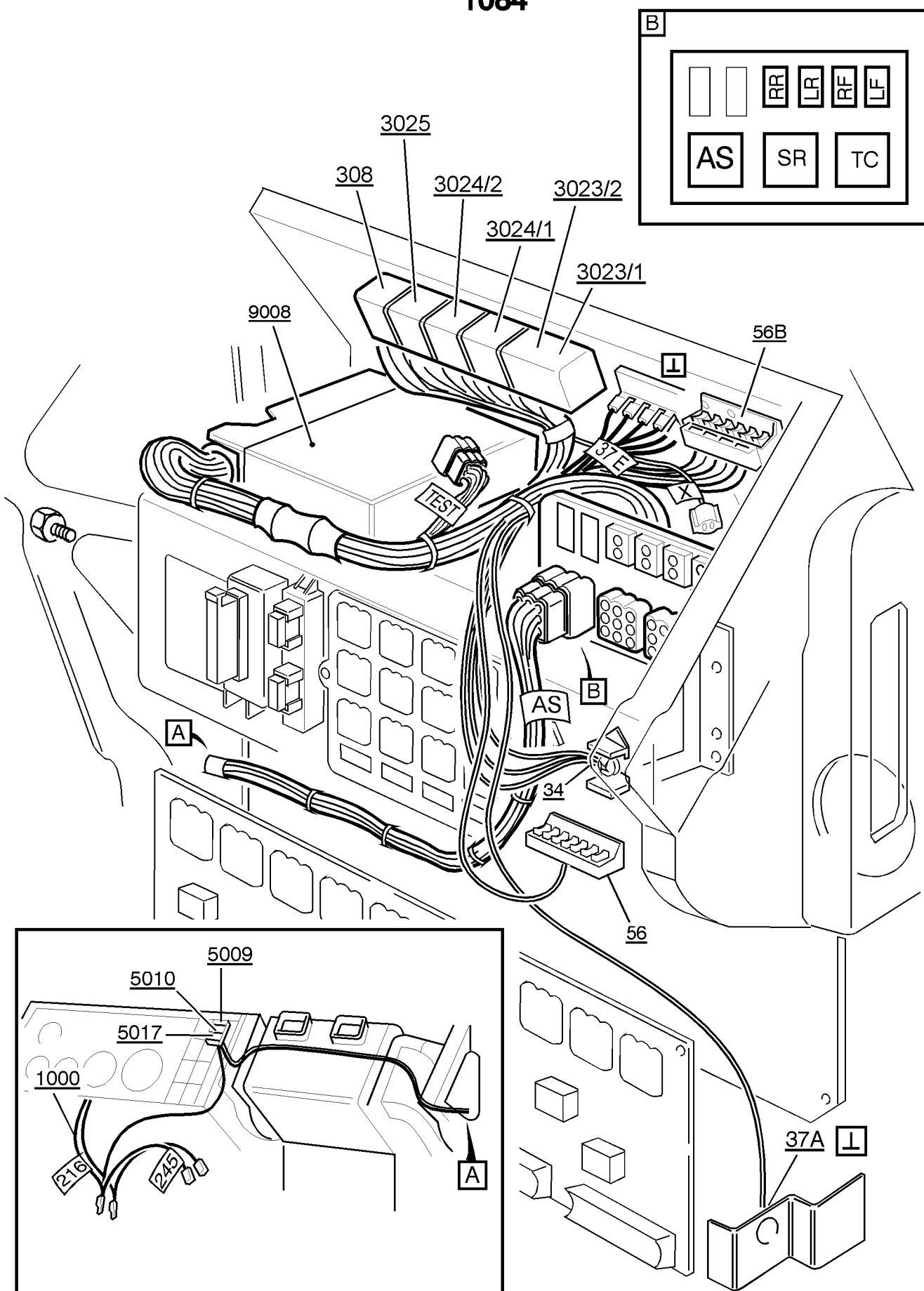




1057



T3008693

1084

T3008708

Fuses

1-unit fuse holder

51 (BG6)

6-unit fuse holder

56	"1" (XA21)
56	"2" (XA18)
56	"3" (XA15)
56	"4" (XA12)
56	"5" (XA9)
56	"6" (XA6)
56 B	"1"(OC3)
56 B	"2"(OC4)
56 B	"3"(OC6)
56 B	"4"(OC8)
56 B	"5"(OC10)
56 B	"6"(OC11)

Relays on circuit board (32) electrical centre

301	Relay, fog lights "2"	(CG7)
302	Relay, spot lights "1"	(CE57)
309	Relay, parking light "9"	(XA5)
315 A	Relay, starting switch "12"	(AA45)
315 B	Relay, starting switch "11"	(AA36)
343	Relay, rear fog lights "3"	(EG8)
375	Relay, day running lights "4"	(CE42)
375	Relay, day running lights "5"	(CE50)
3005	Alternator-controlled relay "10" .	(XA11)
-	Relay, spare "7"	(XB4)

PB1	(CE36)	PJ8	(AA38)
PB2	(CE30)	PJ9	(EV9)
PB3	(CE31)	PK1	(AA41)
PB4	(CE34)	PK2	(AA40)
PB5	(CE33)	PK3	(AA37)
PB6	(CE37)	PK4	(AA42)
PB7	(CE38)	PK5	(AA41)
PB8	(CE35)	PK6	(AA38)
PB9	(CE32)	PK7	(AA44)
PC1	(CE57)	PK8	(CE55)
PC2	(CE33)	PK9	(AA39)
PC3	(CE64)	RA2	(HG22)
PC4	(EG8)	RD5	(HG22)
PC5	(CE58)	RF1	(OC41)
PC6	(CE37)	RF2	(OC40)
PC7	(EG10)	RR1	(OC56)
PC8	(CE21)	RR2	(OC57)
PC9	(CE28)	S1	(HA21)
PD1	(CE9)	S2	(HA17)
PD2	(CE12)	S3	(HA15)
PD3	(CE15)	S4	(HA8)
PD4	(CE48)	S5	(HA8)
PD5	(CE44)	S6	(HA12)
PD6	(CE42)	S7	(HA16)
PD7	(CE40)	SR1	(OC36)
PD8	(CE54)	SR2	(OC35)
PD9	(CE53)	SR3	(OC37)
PE1	(AA25)	SR4	(OC60)
PE2	(CN8)	SR5	(OC59)
PE3	(HA16)	SR6	(OC61)
PE4	(AA23)	SR7	(OC4)
PE5	(AA22)	TC2	(OC14)
PE6	(HK4)	TC3	(OC5)
PE7	(AA20)	TC5	(OC12)
PE8	(EA9)	U1	(BK16)
PE9	(XB9)	U2	(BK19)
PF1	(XD10)	U3	(BK17)
PF2	(XB7)	U4	(BK18)
PF3	(XB6)	W1	(NG12)
PF4	(NA7)	W2	(NG13)
PF5	(NA4)	W3	(NG14)
PF7	(HA21)	W4	(NG16)
PG1	(GA18)	X1	(HA8)
PG2	(HD14)	X1	(OC16)
PG2	(HD5)	X2	(HA8)
PG4	(LD8)	X2	(OC27)
PG5	(LD3)	XA1	(HD14)
PG6	(XA5)	XA1	(HD5)
PG7	(XA6)	XA2	(HD5)
PG8	(HG22)	XA2	(HD14)
PG8	(HG8)	XB1	(HD5)
PG9	(XA12)	XB1	(HD9)
PH1	(XA13)	XB1	(HD14)
PH2	(BB14)	XB1	(HD18)
PH3	(XA6)	XB2	(HD5)
PH4	(XA11)	XB2	(HD9)
PH5	(ER13)	XB2	(HD14)
PH6	(ER17)	XB2	(HD18)
PH7	(XA12)	XB3	(HD5)
PH9	(CK8)	XB3	(HD9)
PJ1	(ED8)	XB3	(HD14)
PJ2	(CE25)	XB3	(HD18)
PJ3	(AA45)	XC	(HG4)
PJ4	(AA38)	XC	(HG20)
PJ5	(CE31)	XD	(HG9)
PJ6	(EV5)	XD	(HG23)
PJ7	(AA36)	XF	(BB27)

462	Bulb, side dir. light, left (CN11)	701	Tachograph (NG4)
463	Bulb, side dir. light, right (CN16)	701	Tachograph (NG32)
4066L	Bulb, dipped beams (CE23)	702 A	Combined instrument (NA10)
4066R	Bulb, dipped beams (CE26)	754 F	Pressure sensor, air (NA30)
500	Indicator light, dir. indicator, tractor (ND8)	754 R	Pressure sensor, air (NA34)
501	Indicator light, dir. indicator, trailer 1 (ND7)	756	Temperature sensor, coolant (BB11)
503	Warning light, oil pressure, engine (ND33)	757	Fuel gauge sensor (NA27)
504	Indicator light, full beams (ND10)	759	Level indicator, coolant (BB25)
505	Warning light, battery charging (ND37)	7052	Sensor, speedometer (NG14)
507	Warning light, service brakes (ND27)	7052	Sensor, speedometer (NG43)
508	Warning light, parking brake (ND23)	7053	Inductive sensor, bogie lift (MN16)
510	Indicator light, diff. lock, rear wheels (ND17)	7057 LF	Sensor, pole wheel, ABS (OC32)
515	Indicator light, hazard warning lights (ND25)	7057 LR	Sensor, pole wheel, ABS (OC48)
517	Indicator light, power take-off, side (LD3)	7057 RF	Sensor, pole wheel, ABS (OC40)
520	Indicator light, fog light, front (CG2)	7057 RR	Sensor, pole wheel, ABS (OC56)
521	Indicator light, spot light (CE61)	800A	Starting heater (BB5)
528	Indicator light, preheating (ND13)	800B	Starting heater (BB5)
530	Indicator light, heated rearview mirror (HG11)	802 L	Heated rearview mirror (HG4)
531	Indicator light, loading light (ED11)	802 L	Heated rearview mirror (HG17)
536	Indicator light, rear fog light (EG6)	802 L	Heated rearview mirror (HG20)
550	Warning light, cab lock (ND41)	802 R	Heated rearview mirror (HG6)
554	Indicator light, coolant temperature (ND35)	802 R	Heated rearview mirror (HG9)
555	Indicator light, coolant level (ND20)	802 R	Heated rearview mirror (HG23)
5004	Indicator lamp, rotating warning light (EN10)	803 A	Heated seat (HD5)
5008	Indicator lamp, air suspension, manual position (ND15)	803 A	Heated seat (HD9)
5009	Indicator lamp, vehicle, ABS (OC64)	803 A	Heated seat (HD14)
5010	Indicator lamp, trailer, ABS (OC66)	803 A	Heated seat (HD18)
5017	Indicator lamp, trailer, ABS information (OC68)	803 B	Heated seat (HD5)
5027	Warning lamp, wear indicator/brake linings (ND40)	803 B	Heated seat (HD9)
5031	Indicator lamp, reverse warner (EA4)	803 B	Heated seat (HD18)
5033	Indicator lamp, seat heater (HD16)	804	Cigarette lighter (EV5)
601	Solenoid valve, diff. lock, rear wheels (LG5)	805	Rheostat (CE32)
603	Solenoid valve, engine stop (BG6)	810	Heated air dryer (HK2)
604	Solenoid valve, power take-off, side (LD8)	812	El. operated rearview mirror (HH3)
629	Solenoid valve, cold start (BG8)	850	Horn (FA4)
638	Solenoid valve, injection pump (BK17)	858	Buzzer, reverse warner (EA4)
650	Windscreen wiper motor (GA22)	858	Buzzer, reverse warner (EA13)
651	Windscreen washer motor (GA2)	8007	Potentiometer (BK11)
653	Headlamp washer motor (GA7)	8017	Water separator (HM3)
654	Starter motor (AA8)	900	Radio (JA7)
657	Fan (heater) (HA14)	901	Voltage converter (JA7)
660	Alternator with charging regulator (AA32)	902 C	Loudspeaker (JA15)
661	Window winder motor (KA13)	902 L	Loudspeaker (JA11)
661	Window winder motor (KA4)	902 R	Loudspeaker (JA7)
6003/6004	Solenoid valve, level control (MN21)	903	Diode (ND40)
6013 F	Solenoid control valve, ABS (OC35)	905	Communication radio (JA27)
6013 R	Solenoid control valve, ABS (OC59)	952	Magnetic clutch, air conditioning (HA8)
6056L	Motor, level control, headlights (PA3)	9008	Control unit, ABS (OC13)
6056R	Motor, level control, headlights (PA9)	9010	Control box, air suspension (MN4)
6057	Motor, speed limiter (BK9)	9011 A	Control unit, speed limiter (BK3)
6058	Motor, door lock (KH14)		
700	Speedometer (NG24)		

Examples of symbols on wiring diagram



Battery



Connector



Junction



Fuse



Joint sleeve



Cable



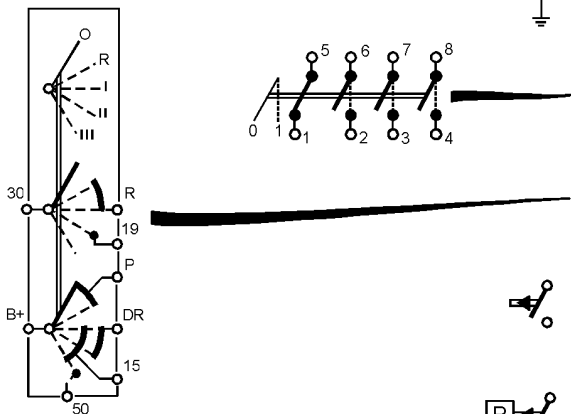
Conductor on circuit card



Earth connection and cable



Earth connection without cable



Switch

Switch, starting switch



Closing kontakt



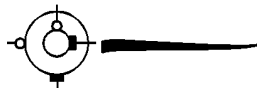
Closing kontakt, pressure-regulated



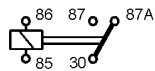
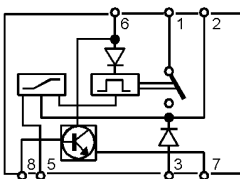
Break kontakt, temperature-regulated



Closing kontakt, time-regulated



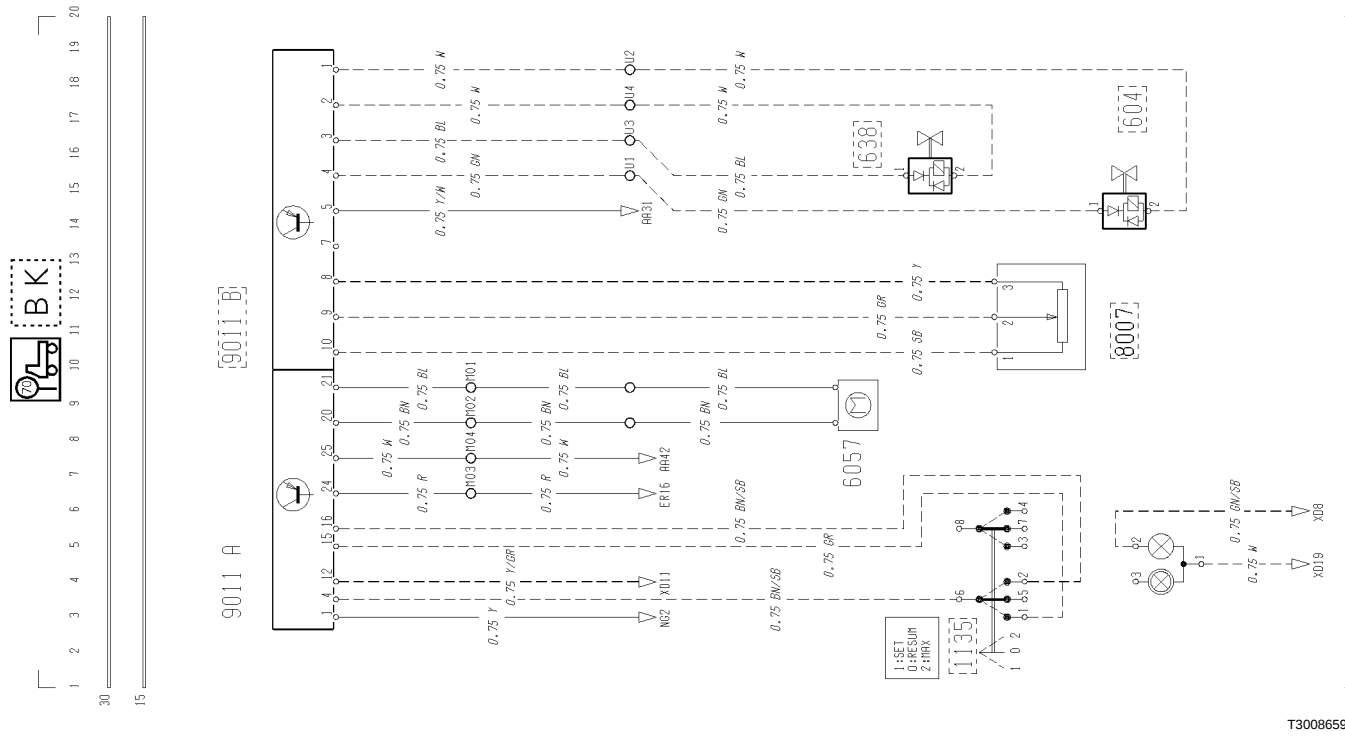
Slip kontakt, horn



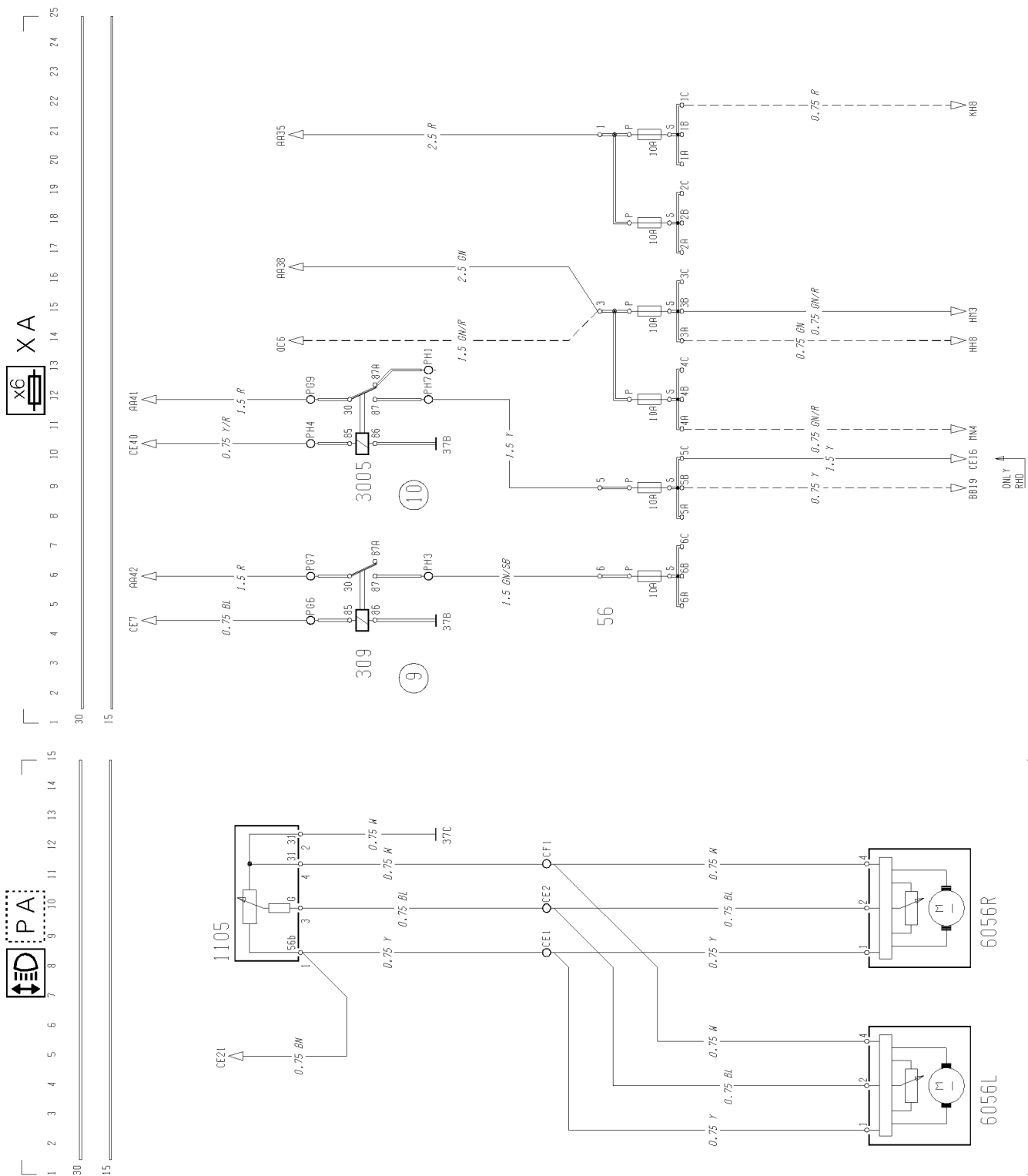
Relay

Relay with internal circuit diagram

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